Former Brown Manufacturing Site
Site No. B00024

101 Chester Street
City of Syracuse
Onondaga County, New York

Annual Periodic Review Report
April 18, 2023 to April 18, 2026

Prepared by

C&S Engineers, Inc.
499 Colonel Eileen Collins Blvd.
Syracuse, New York 13212

May 2026

Table of Contents

Executive Summary 1

Compliance 2

Recommendations 2

1.0 Introduction 3

1.1 Scope and Purpose 3

2.0 Site and Area Description 3

2.1 Property Information 3

2.2 Historical Site Use 3

2.3 Investigation and Remedial History 3

3.0 Selected Remedy 5

3.1 Summary of Selected Remedy 5

4.0 Summary of Remedial Efforts 9

5.0 IC / EC Compliance 10

5.1 Institutional Controls 10

5.2 Engineering Controls 11

6.0 Site Inspection 12

6.1 Review of Institutional Controls 12

6.2 Review of Engineering Controls 12

7.0 Monitoring and Sampling 14

7.1 Groundwater Monitoring Requirements 14

7.2 Groundwater Sampling Methods and Results 15

8.0 Conclusions and Recommendations 17

8.1 Compliance with Site Management Plan 17

8.2 Performance and Effectiveness of the Remedy 17

8.3 Future Monitoring, Sampling, and Submittals 17

FIGURES

Figure 1 - Location Map
Figure 2 - Site Map
Figure 3 - Groundwater Contour and Sample Results Map

APPENDICES

Appendix A Institutional and Engineering Controls Certification Forms
Appendix B Site Inspection Form

Appendix C Photo Log
Appendix D Groundwater Sampling Field Logs
Appendix E Groundwater Data Summary, Category B Laboratory Report, DUSR

Executive Summary

C&S Engineers has completed site monitoring activities required by the May 2018 Site Management Plan (SMP) for the Former Brown Manufacturing Site (Site or Property) located at 101 Chester Street in the City of Syracuse, New York.

Findings of the site monitoring activities are noted in detail within this Report. The following conclusions are provided regarding the results of the site monitoring activities:

- The property has not been utilized for a higher level of use (such as unrestricted or residential), groundwater is not being utilized, no buildings or construction activities have occurred, and vegetable gardens / farming are not being conducted at the property, all of which are consistent with the requirements in the SMP.

- There were some minor disturbances of the cover system related to a woodchuck burrow under the fence on the eastern extent of the Site and shallow rutting on the southwest Site extent. This issue is currently being addressed by the City.

- Between 2024 and 2025, invasive activities were conducted on the northern extent of the Site without prior notification to the NYSDEC. The activities included installation of a split rail cedar fence, limited clearing and grubbing of vegetation, and minor grading consisting of topsoil placement, seeding, and mulching. In March 2026, C&S performed a site inspection and evaluation to inspect the integrity of the cover system. Based on observations, the work appears to have been limited to surface disturbance. However, the terminal depth of fence posts was not recorded and could extend past two feet below ground surface. Vegetative cover has been re-established in the affected areas, and Site conditions are currently stable. The City has been advised of NYSDEC notification requirements associated with work that may affect engineering controls to ensure that future intrusive or site-altering activities are coordinated with the NYSDEC in advance. At this time, no additional corrective actions are considered necessary; however, the site will continue to be monitored as part of routine inspections to confirm the ongoing integrity of the cover system.

- Consistent with the SMP, the network of four groundwater monitoring wells were sampled / tested in April 2026. One volatile organic compound (VOC), chloroform, exceeded the New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) limit at MW-2. Due to the limited amount of testing performed subsequent to the remedy, little can be drawn from the results. Continued groundwater monitoring is recommended to further determine the effectiveness of the remedy.

Compliance

As indicated above, there were no areas of non-compliance observed that require formal corrective measures.

Recommendations

Relative to institutional controls and engineering controls for the Site, no changes are recommended.

It is recommended that groundwater monitoring / testing continue to better understand contaminant concentrations.

1.0 Introduction

1.1 Scope and Purpose

This Periodic Review Report was completed consistent with the March 2012 Environmental Restoration Program (ERP) Record of Decision (ROD). The purpose of the site monitoring activities and preparation of the Periodic Review Report (PRR) are to comply with NYSDEC requirements described within the May 2018 SMP for the Former Brown Manufacturing Site (Site or Property), identified as NYSDEC Site No. B00024. This report covers the period of April 2023 through April 2026.

2.0 Site and Area Description

2.1 Property Information

The Site is located at 101 Chester Street in the City of Syracuse, Onondaga County, New York and is identified as tax parcel 086.-07-31 on the City of Syracuse Tax Map. **Figure 1** and **Figure 2** are attached showing the location and features of the Site. The Site is vacant and is approximately 0.8-acres. The Site is bounded by residential and vacant parcels. The owner of the Site is The City of Syracuse.

2.2 Historical Site Use

The Former Brown Manufacturing facility operated at the site from at least 1926, potentially as early as 1912, until approximately 1972 or 1973. Brown Manufacturing was an automobile parts manufacturing facility. In 1981, after reportedly being inactive for a number of years, the buildings on-site burned in a fire. Subsequent to the fire, approximately 100 drums of oil contaminated with polychlorinated biphenyls (PCBs) were removed from a disposal pit, quenching trough, and a ruptured electrical transformer at the site. After the fire and the removals, several rounds of sampling were conducted at the site. PCBs were detected in some of the samples.

2.3 Investigation and Remedial History

A remedial program has been implemented at the Site, in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR) Part 375.

Between 1998 and 2009, a remedial investigation of the Site was performed by the City of Syracuse under the NYSDEC's ERP. Based on the investigation performed, a remedy for the site was selected and documented in a ROD, which was issued by the NYSDEC in March 2012 under the ERP.

The NYSDEC performed the remediation under the ERP pursuant to the ERP Agreement with the City (the Agreement). Under the Agreement, additional data was collected in August and October

2015 by the NYSDEC through its engineering consultant, Parsons, to better define the areas to be excavated as required by the ROD.

The remedial design was carried out between 2016 and 2017 as required by the ROD and detailed in the Remedial Action Work Plan (Parsons, 2016). Soil was removed from the areas of concern (AOCs) described in the ROD and clean fill was brought in to backfill. A delineation layer was laid over the site along with a minimum two-foot cover of clean fill and topsoil. Details of the remedial action can be found in the Final Engineering Report (FER - Parsons, 2018).

3.0 Selected Remedy

Several remedial alternatives for the Site were evaluated. Additional detailed information on the selected / preferred remedial alternative can be found within the ROD.

3.1 Summary of Selected Remedy

As excerpted from the ROD, elements of the selected remedy for the property include:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per NYSDEC Division of Environmental Remediation Green Remediation Policy (DER-31).

2. All on-site soils which exceed 10 parts per million (ppm) of PCBs will be excavated and transported off-site for disposal. It is anticipated this excavation area will extend to a depth of approximately two feet over an area of 6,700 square feet in the western portion of the Site. The approximate limits of this area to be excavated are indicated on Figure 3 (of the ROD) as Area of Concern (AOC) 1A. Approximately 500 cubic yards of soil will be removed for off-site disposal from AOC 1A. Soils grossly-impacted by oil in the west portion of the Site will be excavated to a depth of approximately six feet below grade for off-site disposal. The approximate limit of this area to be excavated is indicated on Figure 3 (of the ROD) as AOC 1B. Approximately 570 cubic yards of additional soil will be removed for off-site disposal from AOC 1B. If determined necessary based on the remedial design investigation, soil in off-site areas impacted by site-related contamination will be excavated for off-site disposal. PCB-contaminated off-site soil exceeding 1 ppm will be removed. Petroleum-impacted off-site soils will be removed to the extent practicable until the lower of the residential use and protection of groundwater soil cleanup objectives (SCOs) are achieved. Excavated soil may be used to partially backfill on-site excavations if it is not grossly contaminated and does not contain greater than 10 ppm PCBs. Clean fill will then be brought in to replace the excavated soil and establish the designed grades at the Site. Any imported fill material utilized will meet the requirements for the identified site use as set forth in 6 New York Codes, Rules and Regulations (NYCRR) Part 375-6.7(d).

3. Soils impacted by oil in the southeast portion of the Site will be excavated to facilitate installation of an oil recovery system. Grossly-contaminated soils from this area will be transported off-site for disposal. The approximate limits of the area to be excavated are indicated on Figure 3 (of the ROD) as AOC 2. Approximately 75 cubic yards of soil will be removed for off-site disposal. An oil recovery system trench/system will be installed in this area to remove oil and prevent off-site migration. Details of the recovery system will be determined during the design phase.

4. A site cover will be required to allow for restricted residential use of the site. The cover will consist either of the structures such as buildings, pavement, or sidewalks comprising the site development or a soil cover in areas where the upper two feet of exposed surface soil will exceed the applicable SCOs. Where the soil cover is required it will be a minimum of two feet of soil, meeting the SCOs for cover material set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Ay fill material brought to the Site will meet the requirements for the identified Site use as set forth in 6 NYCRR Part 375-6.7(d).

5. Imposition of an institutional control in the form of an environmental easement for the controlled property which will:
    a. require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
    b. allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
    c. restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or County DOH;
    d. prohibits agriculture or vegetable gardens on the controlled property; and
    e. requires compliance with the Department approved SMP

6. A SMP is required, which includes the following:

    a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls (ICs / ECs) remain in place and effective:

    Institutional Controls: The environmental easement discussed in paragraph 5 above.

    Engineering Controls: The soil cover discussed in paragraph 4 and the oil recovery system described in paragraph 3 above.

    This plan includes, but may not be limited to:

    - an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
    - descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
    - a provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in Paragraph 2 above

will be placed in any areas where the upper two feet of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
   - monitoring of groundwater to assess the performance and effectiveness of the remedy; and
   - a schedule of monitoring and frequency of submittals to the Department.

c. An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:
   - procedures for operating and maintaining the remedy;
   - compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
   - maintaining site access controls and Department notification; and
   - providing the Department access to the site and O&M records.

The following provides a further summary of the ICs / ECs for the Site, as well as the inspections, monitoring, maintenance and reporting activities required by the SMP:

Institutional Controls:	1. The property may be used for Restricted-Residential, Commercial, and Industrial use.
	2. All ECs must be operated / maintained and inspected at a frequency in a manner specified in the SMP.
	3. The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Onondaga County Health Department to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
Institutional Controls:	4. Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.

	5. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP.	
	6. All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP.	
	7. Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP.	
	8. Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.	
	9. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries**,** and any potential impacts that are identified must be monitored or mitigated.	
	10. Vegetable gardens and farming on the site are prohibited.	
Engineering Controls:	1. Cover System	
	2. Monitoring wells associated with monitored natural attenuation.	
Inspections:		**Frequency:**
1. Site Inspection		Annually
Monitoring:		
1. Groundwater Monitoring Wells MW-1, MW-2, MW-3R, MW-4R		Every Three Years
Reporting:		
1. Groundwater Monitoring Report		Every Three Years
2. Periodic Review Report		Every Three Years

4.0 Summary of Remedial Efforts

Site remediation included the following elements:

- Removal of impacted soil and groundwater:
  - PCB-contaminated soil, > 50 ppm: two cubic yards
  - PCB-contaminated soil, > 10 / < 50 ppm: four cubic yards
  - Ash and soil: 255 tons
  - Petroleum contaminated soil: 5,447 tons
  - Groundwater: 5,100 gallons

- A cover system was installed to prevent direct contact with contaminated soils remaining at the Site. The cover system is composed of stone or two feet of clean soil. A black geotextile fabric was utilized as a demarcation layer beneath the cover.

- An oil recovery system trench/system was temporarily installed in the southeast portion of the Site to remove oil and prevent off-site migration.

Following remedial efforts, some contamination was left at the Site, which included VOCs in the soil and groundwater. Engineering Controls (ECs) were incorporated into the Site remedy to provide proper management of this contamination to ensure protection of public health and the environment. A site-specific Environmental Easement has been recorded with the Onondaga County Clerk that provides an enforceable means to ensure the continued and proper management of residual contamination and protection of public health and the environment. It requires strict adherence to Institutional Controls (ICs) and ECs placed on this Site by NYSDEC by the grantor of the Environmental Easement and any and all successors and assigns of the grantor.

5.0 IC / EC Compliance

Site monitoring activities were conducted to review and identify if site controls are in compliance with the Site Management Plan. The City of Syracuse indicated the following at the onset of site monitoring activities:

- The contact information on the form is correct.
- None of the property has been sold, subdivided, merged or undergone a tax map amendment.
- There have been no changes to the use of the property. It is being utilized for the site uses allowed by the ROD.
- No federal, state, or local permits have been issued for the property.
- The property is not currently being redeveloped.

5.1 Institutional Controls

An Environmental Notice was filed with Onondaga County. The Environmental Notice contained Institutional Controls to ensure protection of public health and the environment for the current use of the property.

Site restrictions that apply include:

- Land Use Restriction: The property may only be utilized for restricted residential, commercial, or industrial uses.

- Groundwater Use Restriction: Use of groundwater beneath the site is prohibited without treatment as determined by Onondaga County Health Department or NYSDOH (subject to prior approval by NYSDEC).

- Site Management Plan: All future activities at the property that disturb remaining contaminants must be conducted in accordance with the Site Management Plan.

- Monitoring Plan: Ongoing sampling and monitoring must comply with the SMP.

- O&M Plan: The O&M of ECs must comply with the O&M Plan.

- ICs / ECs must be followed consistent with the IC / EC Plan.

- Vapor intrusion must be evaluated for any buildings developed on the property. Impacts that are identified must be monitored or mitigated.

- Vegetable gardens and farming are prohibited at the property.

The site Owner/Remedial party must provide a written statement to the NYSDEC every three years that certifies controls implemented at the property are unchanged, nothing has occurred that would impair the ability of the site controls to protect public health and the environment, or that constitutes a violation or failure to comply with the SMP. The certification is provided in the PRR forms, provided in **Appendix A.**

5.2 Engineering Controls

The following ECs must be maintained:

- Cover System
- Groundwater Monitoring Wells.

The site Owner/Remedial party must provide a written statement to the NYSDEC every three years that certifies controls implemented at the property are unchanged, nothing has occurred that would impair the ability of the site controls to protect public health and the environment, or that constitutes a violation or failure to comply with the SMP. The certification is provided in the PRR forms, provided in **Appendix A.**

6.0 Site Inspection

Site reconnaissance of the property was performed on March 27, 2026. C&S conducted the site walkover to:

- Perform a site inspection, which included:
  - Inspection of the cover system.
  - Inspection of the network of wells.

- Perform monitoring and sampling of groundwater.

6.1 Review of Institutional Controls

The following observations, related to the Site's ICs, were noted at the time of the site reconnaissance:

- The Site is vacant.
- No groundwater was observed being used at the property. No potable or groundwater supply wells were observed.
- No building or construction projects were being constructed at the property.
- No vegetable gardens or farming is being conducted at the property.

6.2 Review of Engineering Controls

The following observations, related to the ECs, were noted during the site reconnaissance:

- A woodchuck hole was noted under the fence line on the eastern Site boundary.

- The sidewalks on the southwest parcel extent, but outside of the cover system boundary, are in poor condition. The current condition of the sidewalk is reported by the City to be the same condition as at the completion of the site remediation.

- Some tire tracks / shallow ruts are present in the grass on the southwest portion of the Site.

- Between 2024 and 2025, invasive activities were conducted on the northern extent of the Site without prior notification to the NYSDEC. The activities included installation of a split rail cedar fence, limited clearing and grubbing of vegetation, and minor grading consisting of topsoil placement, seeding, and mulching. In March 2026, C&S performed a site inspection and evaluation to inspect the integrity of the cover system. Based on observations, the work appears to have been limited to surface disturbance. However, the terminal depth of fence posts was not recorded and could extend past two feet below ground surface. Vegetative cover has been re-established in the affected areas,

and Site conditions are currently stable. The City has been advised of NYSDEC notification requirements associated with work that may affect engineering controls to ensure that future intrusive or site-altering activities are coordinated with the NYSDEC in advance. At this time, no additional corrective actions are considered necessary; however, the site will continue to be monitored as part of routine inspections to confirm the ongoing integrity of the cover system.

A copy of the Site Inspection Checklist is provided in **Appendix B**. A Photo Log is provided in **Appendix C**.

7.0 Monitoring and Sampling

Monitoring and sampling was performed consistent with the Monitoring and Sampling Plan provided in the SMP. The Plan describes the measures for evaluating the overall performance and effectiveness of the remedy. The Plan may only be revised with the approval of the NYSDEC. Details regarding the sampling procedures, data quality usability objectives, analytical methods, etc. for all samples collected as part of site management are included in the Quality Assurance Project Plan (QAPP).

The Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater, soils);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance (SCGs), particularly groundwater standards and Part 375 SCOs for soil; and
- Evaluating site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

To adequately address these issues, the Plan provides information on:

- Sampling locations, protocol and frequency;
- Information on all designed monitoring systems;
- Analytical sampling program requirements;
- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and
- Annual inspection and periodic certification.

The latest groundwater sampling event was performed on March 27, 2026, consistent with the Monitoring and Sampling Plan. The previous sampling event was conducted in April 2024.

7.1 Groundwater Monitoring Requirements

Groundwater monitoring / sampling activities are required every three years. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. If groundwater contaminant levels become asymptotic at a level that is not acceptable to the NYSDEC, additional source removal, treatment and/or control measures will be evaluated.

The existing groundwater monitoring well network consists of four onsite monitoring wells. Sampling locations, required analytical parameters and schedule are provided in **Table 7-1** below.

Table 7-1
Post Remediation Groundwater Sampling Requirements and Schedule

Sampling Locations	Analytical Parameters			Schedule
	VOCs (EPA Method 8260)	SVOCs (EPA Method 8270D)	PCBs (EPA Method 8082A)	
Groundwater Monitoring Wells 1, 2, 3R, 4R	X	X	X	Every Three Years

7.2 Groundwater Sampling Methods and Results

Groundwater sampling was conducted using low-flow purging and sampling techniques. Calibration, purging and sampling procedures were performed as specified by the USEPA for low-flow sampling. Decontamination was conducted after each well was sampled to reduce the likelihood of cross contamination. Calibration times, purging volumes, water levels and field measurements were recorded on field logs and are provided in **Appendix D.** A Category B Laboratory Analytical Report and Data Usability Summary Report (DUSR) are provided in **Appendix E.**

Before purging the well, water levels were measured using an electronic water level indicator capable of measuring to the 0.01-foot accuracy. Based on the water levels measured during the latest sampling, groundwater flow is to northwest, as shown on **Figure 3.**

The laboratory data was compared to previous groundwater contaminant concentrations for evidence indicating overall stability or reduction of contaminant levels.

A Groundwater Data Summary is provided as **Table 1** in **Appendix E**. **Figure 3** shows the location of the wells and exceedances of NYSDEC Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) Ambient Water Quality Standards. The following table provides comparative data from prior and current sampling events, only for contaminants that have exceeded TOGS limits.

Table 7-2
MW-1 Sampling Results

Contaminant	TOGS 1.1.1	Nov. 2019	May 2021	April 2024	March 2026
Chloroform	7	--	--	--	--
PCBs	0.09	--	--	--	--

TOGS Standard and data is presented in µg/mL
-- indicates values less than TOGS.

Table 7-3
MW-2 Sampling Results

Contaminant	TOGS 1.1.1	Nov. 2019	May 2021	April 2024	March 2026
Chloroform	7	11	23	20	16
PCBs	0.09	--	--	--	--

TOGS Standard and data is presented in µg/mL
-- indicates values less than TOGS.

Table 7-4
MW-3R Sampling Results

Contaminant	TOGS 1.1.1	Nov. 2019	May 2021	April 2024	March 2026
Chloroform	7	--	--	--	--
PCBs	0.09	--	--	--	--

TOGS Standard and data is presented in µg/mL
-- indicates values less than TOGS.

Table 7-5
MW-4R Sampling Results

Contaminant	TOGS 1.1.1	Nov. 2019	May 2021	April 2024	March 2026
Chloroform	7	--	--	--	--
PCBs	0.09	--	0.182	--	--
Benzo(a)anthracene	0.002	--	--	0.09	--
Benzo(a)pyrene	0	--	--	0.07	--
Benzo(b)fluoranthene	0.002	--	--	0.13	--
Benzo(k)fluoranthene	0.002	--	--	0.04	--
Chrysene	0.002	--	--	0.08	--
Indeno(1,2,3-cd)pyrene	0.002	--	--	0.07	--

TOGS Standard and data is presented in µg/mL
-- indicates values less than TOGS.

8.0 Conclusions and Recommendations

8.1 Compliance with Site Management Plan

Although the annual cover system inspection was completed in only one of the three required years, the remaining SMP requirements appear to have been satisfied.

8.2 Performance and Effectiveness of the Remedy

The cover system remains largely intact and continues to provide protection for human health and the environment, as designed. However, the following was observed:

- There were some minor disturbances of the cover system related to a woodchuck burrow under the fence and some tire tracks / shallow ruts on the southwest portion of the Site. These issues have been communicated to the City for evaluation of potential corrective actions.

- Between 2024 and 2025, invasive activities were conducted on the northern extent of the Site without prior notification to the NYSDEC. The activities included installation of a split rail cedar fence, limited clearing and grubbing of vegetation, and minor grading consisting of topsoil placement, seeding, and mulching. In March 2026, C&S performed a site inspection and evaluation to inspect the integrity of the cover system. Based on observations, the work appears to have been limited to surface disturbance. However, the terminal depth of fence posts was not recorded and could extend past two feet below ground surface. Vegetative cover has been re-established in the affected areas, and Site conditions are currently stable. The City has been advised of NYSDEC notification requirements associated with work that may affect engineering controls to ensure that future intrusive or site-altering activities are coordinated with the NYSDEC in advance. At this time, no additional corrective actions are considered necessary; however, the site will continue to be monitored as part of routine inspections to confirm the ongoing integrity of the cover system.

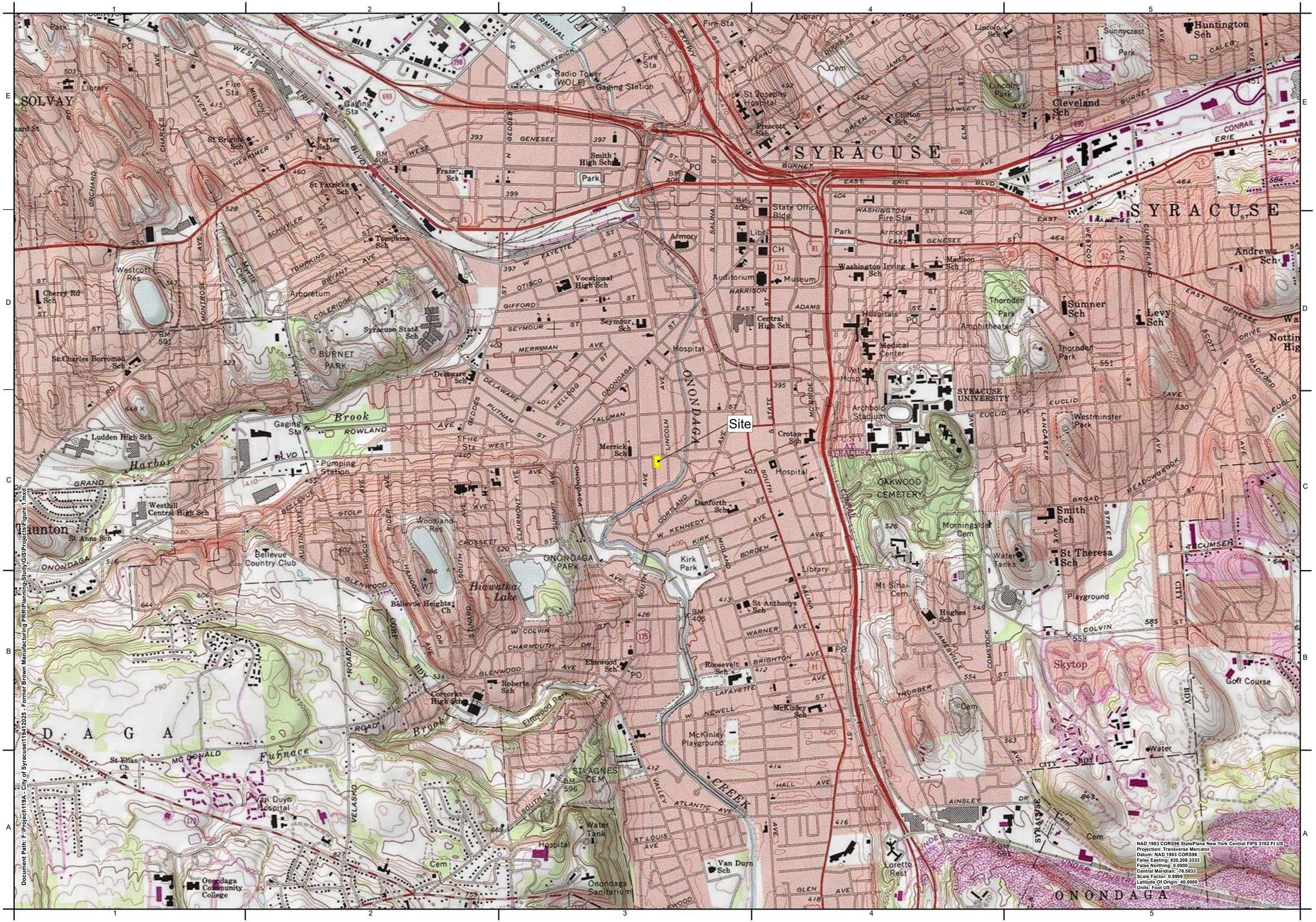
One VOC, chloroform, exceeded the NYSDEC TOGS 1.1.1 limit at MW-2. Due to the limited amount of testing performed subsequent to the remedy, little can be drawn from the results. Continued groundwater monitoring is recommended to determine the effectiveness of the remedy.

8.3 Future Monitoring, Sampling, and Submittals

Monitoring and sampling will continue as outlined in **Section 3.0**. Cover system inspections will proceed on an annual basis and the next groundwater sampling event is tentatively scheduled for Spring 2029. The associated data will be provided in future PRRs.

Figure 1

Location Map



C&S COMPANIES®

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667
www.cscos.com

N

0 500 1,000 2,000 Feet

Former Brown Manufacturing Site
Site No. B00024
101 Chester Street
City of Syracuse, Onondaga, New York
Annual Periodic Review Report

PROJECT NO:	119412025
DATE:	May 2021
SCALE:	AS SHOWN
DRAWN BY:	WNR
DESIGNED BY:	WNR
CHECKED BY:	MLW

Modified: 5/26/2021 @ 10:43:39 AM

SITE LOCATION

Figure 1

NAD 1983 CORS96 StatePlane New York Central FIPS 3102 Ft US
Projection: Transverse Mercator
Datum: NAD 1983 CORS96
False Easting: 820,208.3333
False Northing: 0.0000
Central Meridian: -76.5833
Scale Factor: 0.9999
Latitude Of Origin: 40.0000
Units: Foot US

Copyright © 2013 National Geographic Society, i-cubed

Document Path: F:\Project\119A - City of Syracuse\119412025 - Former Brown Manufacturing PRR\Planning,Study\GIS\Projects\Figure 1.mxd

Figure 2

Site Map

Bellevue Ave

Lincoln Ave

South Ave

Chester St

Huron St

LEGEND

Project Site Boundary

Document Path: F:\Project\119A - City of Syracuse\811941\2025 - Former Brown Manufacturing,PRR\Planning Study\GIS\Projects\Figure 2.mxd

Imagery Source: Pictometry

NAD_1983 CORS96 StatePlane New York Central FIPS 3102 Ft US
Projection: Transverse Mercator
Datum: NAD_1983 CORS96
False_Easting: 820,208.3333
False_Northing: 0.0000
Central_Meridian: -76.5833
Scale_Factor: 0.9999
Latitude_Of_Origin: 40.0000
Units: Foot US

C&S COMPANIES®

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667
www.cscos.com

N

0 15 30 60
Feet

Former Brown Manufacturing Site
Site No. B00024
101 Chester Street
City of Syracuse, Onondaga, New York
Annual Periodic Review Report

PROJECT NO:	U35.003.001
DATE:	May 2021
SCALE:	AS SHOWN
DRAWN BY:	JTB
DESIGNED BY:	WNR
CHECKED BY:	MLW

Modified: 5/20/2021 @ 10:44:07 AM

Aerial Map

Figure 2

Figure 3

Groundwater Contour and Groundwater Results Map



C&S COMPANIES®
C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667
www.cscos.com

Former Brown Manufacturing Site
Site No. B00024
101 Chester Street
City of Syracuse, Onondaga, New York
Annual Periodic Review Report

PROJECT NO:	119.431.014
DATE:	May 2026
SCALE:	AS SHOWN
DRAWN BY:	WNR
DESIGNED BY:	WNR
CHECKED BY:	MLW

Modified: 5/7/2026 @ 10:00 PM

Groundwater Contour and Sample Results Map

Figure 3

Appendix A

Institutional and Engineering Controls 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. B00024

Site Name Former Brown Manufacturing Site

Site Address: 101 Chester Street Zip Code: 13207
City/Town: Syracuse
County: Onondaga
Site Acreage: 0.800

Reporting Period: April 18, 2023 to April 18, 2026

	YES	NO
1. Is the information above correct?	☒	☐
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?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
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?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

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. B00024 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
86.-07-31	City of Syracuse	IC/EC Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan

Environmental easement which: restricts site use to restricted residential, commercial or industrial use; restricts the use of groundwater; and requires compliance with the Site Management Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
86.-07-31	Cover System

Two-foot clean soil cover system

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

   ☐ ☐

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

   ☐ ☐

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. B00024

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 Owen Kerney (print name) at 300 S. State St. Syracuse, NY (print business address),

am certifying as Deputy Commissioner, City of Syracuse (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

O. K

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5/6/26

Date

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 **H. Nevin Bradford** (print name) at **C&S Engineers, Inc.**
499 Col. Eileen Collins Blvd., Syracuse, New York 13212, (print business address)

am certifying as a Qualified Environmental Professional for the **City of Syracuse** (Owner or Remedial Party)



Registration Expires: 04.30.2029

05/21/2026

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

Appendix B

Site Inspection Form

COVER SYSTEM INSPECTION FORM
FORMER BROWN MANUFACTURING SITE

Inspector: Jarod Thiel Date: 3/27/2026

Event Type (circle one): Scheduled / Non-Routine

Site Use Inspection
Is site use consistent with Environmental Easement?

Yes, vacant lot.

Sidewalk Inspection
Please note any observations of breaches in any concrete/sidewalks, which may include but are not limited to cracks, holes, indentations, vegetation growing through concrete etc.

There is observable concrete sidewalk deterioration on the southwest corner of the Site.

Soil Inspection
Please note any observations of breaches in the soil cover, which may include but are not limited to holes and soil washout. Include a sketch identifying the location of defects. Is there evidence of any excavations? Describe and include a sketch of areas of disturbance.

There is a groundhog hole on the eastern Site extent under the fence. A wooden fence has been installed on the northern and southern Site boundary. It is unclear if the fence is within the Site boundary or adjacent. Vehicle rutting was observed on the western Site extent.

Have any of the areas noted in Section 4.2 of the Site Management Plan Addendum dated July 2018 been disturbed? Are any of the areas noted in Section 4.2 of the Site Management Plan Addendum dated July 2018 now accessible for construction of a cover system?

The fence and trees located on the eastern extent of the Site are still in place. The natural gas line adjacent to the north of the Site is still in place. Tree grubbing has occurred in the northeastern corner of the Site.

Appendix C

Photo Log

Photo 1



View of the Site from the corner of Bellevue Ave and Chester Street. Photo taken facing southeast.

Photo 2



View of the Site from the northeast corner facing southwest.

C&S COMPANIES®	C&S Engineers, Inc. 499 Col. Eileen Collins Blvd. Syracuse, New York 13212	**Photographic Log** Former Brown Manufacturing Syracuse, New York, 13207	PR# 119.431.042 Date: 3.27.2026 2026 PRR

Photo 3



A groundhog hole located along the eastern boundary of the Site.

Photo 4



View of the Site from the southeast corner. Photo taken facing northwest.

C&S COMPANIES®	C&S Engineers, Inc. 499 Col. Eileen Collins Blvd. Syracuse, New York 13212	**Photographic Log** Former Brown Manufacturing Syracuse, New York, 13207	PR# 119.431.042 Date: 3.27.2026 2026 PRR

Photo 5



View of the Site from the southwest corner facing northeast.

Photo 6



Ruts observed in the cover system near the southwest corner of the SP.

C&S COMPANIES®	C&S Engineers, Inc. 499 Col. Eileen Collins Blvd. Syracuse, New York 13212	**Photographic Log** Former Brown Manufacturing Syracuse, New York, 13207	PR# 119.431.042 Date: 3.27.2026 2026 PRR

Appendix D

Groundwater Sampling Field Logs

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000
Fax: 315-455-9667

WELL SAMPLING FIELD DATA SHEET

Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: City of Syracuse
Site Name: Former Brown Manufacturing
Project No.: 119.431.042
Field Staff: Jarod Thiel and Jordan Berti

WELL DATA

Date	27-Mar	
Time	13:15	
Water meter ID		
Well Number	MW-1	
PID Reading (ppm)	0.0	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	15.63	
Static Water Level (feet)	8.20	
H_2O Column (feet)	7.43	
Pump Intake (feet)	13.00	
Well Volume (gal)	1.21	
Amount to Evacuate (gal)	3.63	
Amount Evacuated (gal)	3.75	

SAMPLE DATA

Sample Date	27-Mar	
Sample Time	14:00	
Sampler Initials	JT	
Sample I.D.	MW-1-032726	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☐	ID:
EQ Blank Collected?	☐	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026
Time		13:36	13:40	13:43	13:46	13:49	13:53	13:55	13:57
Volume Extracted	gallons	0.5	1	1.5	2	2.5	3	3.25	3.5
Flow Rate	mL/min	500	500	500	500	500	500	500	500
Static Water Level (feet)	NA	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58
pH (Std. Units)	+/-0.1	6.94	6.82	6.78	6.76	6.74	6.74	6.74	6.74
Conductivity (mS/cm)	3%	0.404	0.413	0.415	0.411	0.411	0.41	0.41	0.41
Turbidity (NTU)	10%	64.3	22.3	12.9	8.8	6.8	4.4	3.8	4.9
D.O. (mg/L)	10%	5.21	4.92	4.84	4.72	4.61	4.54	4.53	4.44
Temperature (°C) (°F)	3%	9.06	8.82	8.84	8.91	8.98	8.99	8.98	9.01
ORP[3](mV)	+/-10 mv	142	141	145	145	143	148	147	146
Appearance		ST	C	C	C	C	C	C	C
Color		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		No	No	No	No	No	No	No	No

Date	Stabilization Criteria	3/27/2026							
Time		13:59							
Volume Extracted	gallons	3.75							
Flow Rate	mL/min	500							
Static Water Level (feet)	NA	9.58							
pH (Std. Units)	+/-0.1	6.74							
Conductivity (mS/cm)	3%	0.411							
Turbidity (NTU)	10%	3.9							
D.O. (mg/L)	10%	4.38							
Temperature (°C) (°F)	3%	8.96							
ORP[3](mV)	+/-10 mv	146							
Appearance		C							
Color		Clear							
Free Product (Yes/No)		No							
Odor		No							

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings

Red shading indicates that the flow rate is higher than 500 mL/min, above the threshold for "low-flow" sampling.

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000
Fax: 315-455-9667

WELL SAMPLING FIELD DATA SHEET

Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: City of Syracuse
Site Name: Former Brown Manufacturing
Project No.: 119.431.042
Field Staff: Jarod Thiel and Jordan Berti

WELL DATA

Date	27-Mar	
Time	12:47	
Water meter ID		
Well Number	MW-2	
PID Reading (ppm)	0.0	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	15.21	
Static Water Level (feet)	8.81	
H_2O Column (feet)	6.40	
Pump Intake (feet)	13.00	
Well Volume (gal)	1.04	
Amount to Evacuate (gal)	3.12	
Amount Evacuated (gal)	3.25	

SAMPLE DATA

Sample Date	27-Mar	
Sample Time	13:13	
Sampler Initials	JT	
Sample I.D.	MW-2-032726	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☐	ID:
EQ Blank Collected?	☐	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026
Time		12:53	12:56	12:59	13:03	13:06	13:08	13:10	13:12
Volume Extracted	gallons	0.5	1	1.5	2	2.5	2.75	3	3.25
Flow Rate	mL/min	500	500	500	500	500	500	500	500
Static Water Level (feet)	NA	8.88	8.88	8.8	8.8	8.8	8.8	8.8	8.8
pH (Std. Units)	+/-0.1	7.62	7.63	7.66	7.66	7.67	7.68	7.67	7.67
Conductivity (mS/cm)	3%	0.353	0.359	0.358	0.359	0.358	0.359	0.361	0.358
Turbidity (NTU)	10%	8.4	5.6	3.1	2.1	1.5	1.6	2.1	2.2
D.O. (mg/L)	10%	8.66	8.45	8.75	8.72	8.75	8.74	8.76	8.96
Temperature (°C) (°F)	3%	8.41	8.16	7.98	7.98	7.89	7.8	7.87	7.89
ORP[3](mV)	+/-10 mv	124	132	139	144	149	151	152	154
Appearance		C	C	C	C	C	C	C	C
Color		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		No	No	No	No	No	No	No	No

Date	Stabilization Criteria								
Time									
Volume Extracted	gallons								
Flow Rate	mL/min								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP[3](mV)	+/-10 mv								
Appearance									
Color									
Free Product (Yes/No)									
Odor									

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings

Red shading indicates that the flow rate is higher than 500 mL/min, above the threshold for "low-flow" sampling.

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000
Fax: 315-455-9667

WELL SAMPLING FIELD DATA SHEET

Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: City of Syracuse
Site Name: Former Brown Manufacturing
Project No.: 119.431.042
Field Staff: Jarod Thiel and Jordan Berti

WELL DATA

Date	27-Mar	
Time	10:58	
Water meter ID		
Well Number	MW-3R	
PID Reading (ppm)	0.0	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	15.02	
Static Water Level (feet)	8.04	
H_2O Column (feet)	6.98	
Pump Intake (feet)	13.00	
Well Volume (gal)	1.14	
Amount to Evacuate (gal)	3.36	
Amount Evacuated (gal)	3.50	

SAMPLE DATA

Sample Date	27-Mar	
Sample Time	11:33	
Sampler Initials	JT	
Sample I.D.	MW-3R-032726	
Dupe Collected?	☑	ID:DUPE-032726
MS Collected?	☑	ID:MW-3R-MS-032726
MSD Collected?	☑	ID:ID:MW-3R-MSD-032726
Trip Blank Collected?	☑	ID: TRIP BLANK
EQ Blank Collected?	☐	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026
Time		11:07	11:09	11:11	11:14	11:17	11:20	11:22	11:24
Volume Extracted	gallons	0.5	0.75	1	1.5	2	2.5	2.75	3
Flow Rate	mL/min	500	500	500	500	500	500	500	500
Static Water Level (feet)	NA	8.71	8.71	8.78	8.84	8.81	8.8	8.8	8.8
pH (Std. Units)	+/-0.1	6.84	6.83	6.82	6.79	6.77	6.77	6.77	6.77
Conductivity (mS/cm)	3%	0.91	0.907	0.905	0.909	0.909	0.913	0.915	0.919
Turbidity (NTU)	10%	389	181	128	89	147	84.2	70.6	59.6
D.O. (mg/L)	10%	0.28	0.24	0.19	0.1	0.06	0.05	0.04	0.04
Temperature (°C) (°F)	3%	8.72	8.76	8.9	9.11	9.38	9.5	9.54	9.56
ORP[3](mV)	+/-10 mv	-30	-30	-30	-31	-34	-33	-40	-42
Appearance		T	ST	ST	ST	ST	ST	ST	ST
Color		Rusty	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		No	No	No	No	No	No	No	No

Date	Stabilization Criteria	3/27/2026	3/27/2026						
Time		11:26	11:28						
Volume Extracted	gallons	3.25	3.5						
Flow Rate	mL/min	500	500						
Static Water Level (feet)	NA	8.8	8.81						
pH (Std. Units)	+/-0.1	6.77	6.77						
Conductivity (mS/cm)	3%	0.927	0.929						
Turbidity (NTU)	10%	52.9	48.3						
D.O. (mg/L)	10%	0.01	0						
Temperature (°C) (°F)	3%	9.64	9.66						
ORP[3](mV)	+/-10 mv	-44	-45						
Appearance		ST	C						
Color		Clear	Clear						
Free Product (Yes/No)		No	No						
Odor		No	No						

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings

Red shading indicates that the flow rate is higher than 500 mL/min, above the threshold for "low-flow" sampling.

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000
Fax: 315-455-9667

WELL SAMPLING FIELD DATA SHEET

Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: City of Syracuse
Site Name: Former Brown Manufacturing
Project No.: 119.431.042
Field Staff: Jarod Thiel and Jordan Berti

WELL DATA

Date	27-Mar	
Time	9:49	
Water meter ID		
Well Number	MW-4R	
PID Reading (ppm)	0.0	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	14.91	
Static Water Level (feet)	7.17	
H_2O Column (feet)	7.74	
Pump Intake (feet)	13.00	
Well Volume (gal)	1.26	
Amount to Evacuate (gal)	3.78	
Amount Evacuated (gal)	3.80	

SAMPLE DATA

Sample Date	27-Mar	
Sample Time	10:40	
Sampler Initials	JT	
Sample I.D.	MW-4R-032726	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☐	ID:
EQ Blank Collected?	☐	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026
Time		9:54	9:57	9:59	10:00	10:02	10:03	10:05	10:07
Volume Extracted	gallons	0.25	0.5	0.75	1	1.25	1.5	1.75	2
Flow Rate	mL/min	500	500	500	500	500	500	500	500
Static Water Level (feet)	NA	7.89	8.14	8.46	8.73	8.89	9.36	9.66	9.92
pH (Std. Units)	+/-0.1	7.09	7.12	7.13	7.13	7.12	7.11	7.12	7.12
Conductivity (mS/cm)	3%	0.382	0.382	0.394	0.402	0.422	0.466	0.497	0.542
Turbidity (NTU)	10%	12.2	15.5	15.6	14.2	13.2	12.5	11	9.8
D.O. (mg/L)	10%	1.03	0.63	0.4	0.31	0.24	0.18	0.18	0.19
Temperature (°C) (°F)	3%	8.59	8.13	8.27	8.2	8.15	8.08	8.05	8.08
ORP[3](mV)	+/-10 mv	-103	-106	-107	-110	-112	-119	-124	-130
Appearance		C	C	C	C	C	C	C	C
Color		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		No	No	No	No	No	No	No	No

Date	Stabilization Criteria	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026	3/27/2026
Time		10:08	10:09	10:11	10:13	10:15	10:17	10:19	10:20
Volume Extracted	gallons	2.25	2.5	2.75	3	3.25	3.5	3.75	3.8
Flow Rate	mL/min	500	500	500	500	500	500	500	500
Static Water Level (feet)	NA	10:29	10:45	10.82	11.14	11.32	11.54	11.71	11.82
pH (Std. Units)	+/-0.1	7.13	7.13	7.14	7.15	7.15	7.16	7.15	7.15
Conductivity (mS/cm)	3%	0.571	0.587	0.597	0.574	0.562	0.574	0.574	0.577
Turbidity (NTU)	10%	10.7	10.6	10.8	9.9	10	10.2	10	10.3
D.O. (mg/L)	10%	0.19	0.19	0.18	0.18	0.17	0.16	0.15	0.15
Temperature (°C) (°F)	3%	8.12	8.14	8.22	8.28	8.3	8.37	8.41	8.42
ORP[3](mV)	+/-10 mv	-134	-136	-138	-139	-138	-136	-136	-136
Appearance		C	C	C	C	C	C	C	C
Color		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		No	No	No	No	No	No	No	No

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings

Red shading indicates that the flow rate is higher than 500 mL/min, above the threshold for "low-flow" sampling.

Appendix E

Groundwater Data Summary, Category B
Laboratory Report, DUSR

Table 1

Former Brown Manufacturing Site PRR

Groundwater Data Summary

LOCATION			MW-1		MW-2		MW-3R		MW-4R		DUPLICATE		TRIP BLANK	
SAMPLING DATE			3/27/2026		3/27/2026		3/27/2026		3/27/2026		3/27/2026		3/23/2026	
LAB SAMPLE ID			L2617421-01		L2617421-02		L2617421-03		L2617421-04		L2617421-05		L2617421-06	
	NY-TOGS-GA	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organic Compounds														
Chloroform	7	ug/l			16									
Acetone	50	ug/l					16				11			
Semivolatile Organic Compounds														
Acenaphthene	20	ug/l							0.06	J			-	-
Fluoranthene	50	ug/l							0.05	J			-	-
Anthracene	50	ug/l					0.13		0.04	J	0.14		-	-
Fluorene	50	ug/l							0.16				-	-
Pyrene	50	ug/l					0.06	J			0.05	J	-	-
Pentachlorophenol	1	ug/l					0.17	J					-	-
Polychlorinated Biphenyls	Not detected above laboratory detection limits													

Notes:

- Analytical results compared to NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
- Highlighted cell indicates the respective groundwater limitation exceeded.
- Blank space indicates that a threshold does not exist OR analyte was not detected above laboratory detection limits.
- "- -" indicates analysis not performed.
- DUP (duplicate) collected from MW-3.
- "J" indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.



Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2617421

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Table of Contents

New York ASP Category B Data Deliverable Package 1
- Table of Contents 2
- Sample ID Cross Reference 8
- SDG Narrative 9
- Data Qualifier Definitions 11
- Instrument Information 14
- Sample Log-in Sheet 17
- Lims COC (LN01) 18
- External Chain of Custody 19
- Organics Analysis 20
  - GCMS 8260 Analysis 21
    - Volatiles QC Summary 22
      - Form 2 - Organics 23
      - Form 3 - Organics 24
      - Form 4 - Organics 29
      - Form 5 - Organics 30
      - Form 8 - Organics 32
      - MDL Study - Volatile Organics 8260 33
    - Volatiles Sample Data 35
      - Form 1 - Organics 36
      - MW-1-032726 (L2617421-01) Analyzed: 04/08/26 17:22 57
      - MW-2-032726 (L2617421-02) Analyzed: 04/08/26 17:47 61
      - MW-3R-032726 (L2617421-03) Analyzed: 04/08/26 18:12 66
      - MW-4R-032726 (L2617421-04) Analyzed: 04/08/26 18:38 71
      - DUP-032726 (L2617421-05) Analyzed: 04/08/26 19:03 75
      - TRIP BLANK (L2617421-06) Analyzed: 04/08/26 19:29 80
    - Volatile Standards Data 84
      - Initial Calibration 85
        - Form 6 - Organics 86
        - ICAL for VOA105 on 03/16/26 ICAL23148 89
        - Initial Calibration Summary - Cal Date: 03/16/26 00:00 89
        - BFB TUNE Injected on: 03/14/26 13:04 93
        - STD0.19PPB Injected on: 03/14/26 14:08 94
        - STD0.5PPB Injected on: 03/14/26 14:59 97
        - STD2PPB Injected on: 03/14/26 15:50 107
        - STD10PPB Injected on: 03/14/26 16:41 117
        - STD30PPB Injected on: 03/14/26 17:07 125
        - STD80PPB Injected on: 03/14/26 17:32 133
        - STD120PPB Injected on: 03/14/26 17:57 141
        - STD200PPB Injected on: 03/14/26 18:23 148
        - ICV Summary Form Injected on: 03/14/26 20:30 156
        - ICV Quant Report Injected on: 03/14/26 20:30 159
      - Continuing Calibration 167
        - Form 7 - Organics 168
        - CC Summary - VOA105 Run: 04/08/26 09:17 170
        - CC Quant - WG2196004-2 VOA105 Run: 04/08/26 09:17 172
        - bfb tune - Inst. VOA105 04/08/26 08:59 176
    - Volatiles Raw QC Data 177
      - Laboratory Method Bl (WG2196004-5) Analyzed: 04/08/26 10:59 178
      - Laboratory Control S (WG2196004-3) Analyzed: 04/08/26 09:17 182

Table of Contents

LCS Duplicate (WG2196004-4) Analyzed: 04/08/26 09:43 238
Matrix Spike (WG2196004-6) Analyzed: 04/08/26 19:54 294
Matrix Spike Duplica (WG2196004-7) Analyzed: 04/08/26 20:20 351
Volatiles Calculations 408
QC Batch WG2196004 409
ICAL Sequence for VOA105 on 16-MAR-2026 00:00 ICAL23148 410
Instrument VOA105 Run Date 04/08/26 Run ID R2087281 411
Semivolatiles Data - Method 8270 412
Semivolatiles QC Summary 413
Form 3 - Organics 414
Form 2 - Organics 419
Form 4 - Organics 420
Form 5 - Organics 421
Form 8 - Organics 425
MDL Study - ABN Extractables 429
Semivolatiles Sample Data 431
Form 1 - Organics 432
DUP-032726 (L2617421-05) Analyzed: 04/04/26 13:15 450
MW-4R-032726 (L2617421-04) Analyzed: 04/04/26 13:34 454
MW-1-032726 (L2617421-01) Analyzed: 04/04/26 13:53 459
MW-2-032726 (L2617421-02) Analyzed: 04/04/26 14:12 463
MW-3R-032726 (L2617421-03) Analyzed: 04/04/26 14:31 468
Semivolatiles Standards Data 472
Initial Calibration 473
Form 6 - Organics 474
ICAL for SV112 on 02/09/26 ICAL23047 478
Initial Calibration Summary - Cal Date: 02/09/26 00:00 478
Tune Injected on: 02/07/26 00:10 481
Deg Injected on: 02/07/26 00:10 482
Tailing Factor Injected on: 02/07/26 00:10 483
ABNL9 Injected on: 02/07/26 00:29 485
ABNL8 Injected on: 02/07/26 00:48 493
ABNL7 Injected on: 02/07/26 01:08 500
ABNL6 Injected on: 02/07/26 01:27 506
ABNL5 Injected on: 02/07/26 01:46 512
ABNL3 Injected on: 02/07/26 02:05 518
ABNL4 Injected on: 02/07/26 02:25 525
ABNL2 Injected on: 02/07/26 02:44 531
ABNL1 Injected on: 02/07/26 03:03 538
AP9L9 Injected on: 02/07/26 03:22 550
AP9L8 Injected on: 02/07/26 03:42 553
AP9L7 Injected on: 02/07/26 04:01 556
AP9L6 Injected on: 02/07/26 04:20 559
AP9L5 Injected on: 02/07/26 04:40 562
AP9L4 Injected on: 02/07/26 04:59 565
AP9L3 Injected on: 02/07/26 05:18 568
AP9L2 Injected on: 02/07/26 05:38 571
AP9L1 Injected on: 02/07/26 05:57 574
ABN ICV Summary Form Injected on: 02/07/26 06:16 577
ABN ICV Quant Report Injected on: 02/07/26 06:16 580

Table of Contents

AP9 ICV Summary Form Injected on: 02/07/26 06:35 663
AP9 ICV Quant Report Injected on: 02/07/26 06:35 664
tune Injected on: 02/07/26 06:55 681
deg Injected on: 02/07/26 06:55 682
Tailing Factor Injected on: 02/07/26 06:55 683
ADPL9 Injected on: 02/07/26 07:14 685
ADPL8 Injected on: 02/07/26 07:33 688
ADPL7 Injected on: 02/07/26 07:52 691
ADPL6 Injected on: 02/07/26 08:12 694
ADPL5 Injected on: 02/07/26 08:31 697
ADPL4 Injected on: 02/07/26 08:50 700
ADPL3 Injected on: 02/07/26 09:09 703
ADPL2 Injected on: 02/07/26 09:29 706
ADPL1 Injected on: 02/07/26 09:48 709
ADP ICV Summary Form Injected on: 02/07/26 10:07 712
ADP ICV Quant Report Injected on: 02/07/26 10:07 713
Relative Error 722
Continuing Calibration 723
Form 7 - Organics 724
CC Summary - SV112 Run: 04/02/26 11:25 734
CC Quant - WG2193052-3 SV112 Run: 04/02/26 11:25 737
CC Summary - SV112 Run: 04/02/26 11:44 820
CC Quant - WG2193052-4 SV112 Run: 04/02/26 11:44 821
CC Summary - SV112 Run: 04/02/26 12:03 838
CC Quant - WG2193052-5 SV112 Run: 04/02/26 12:03 839
DEG Quant for SV112 injected on 04/02/26 11:05 848
dftpp tune - Inst. SV112 04/02/26 11:05 849
Tailing factor report for SV112 injected on 04/02/26 11:05 850
Form 7 - Organics 852
CC Summary - SV112 Run: 04/04/26 08:20 862
CC Quant - WG2193904-3 SV112 Run: 04/04/26 08:20 865
CC Summary - SV112 Run: 04/04/26 08:40 948
CC Quant - WG2193904-4 SV112 Run: 04/04/26 08:40 949
CC Summary - SV112 Run: 04/04/26 08:59 966
CC Quant - WG2193904-5 SV112 Run: 04/04/26 08:59 967
DEG Quant for SV112 injected on 04/04/26 08:01 976
dftpp tune - Inst. SV112 04/04/26 08:01 977
Tailing factor report for SV112 injected on 04/04/26 08:01 978
Semivolatiles Raw QC Summary 980
Laboratory Method Bl (WG2192860-1) Analyzed: 04/02/26 12:22 981
Laboratory Control S (WG2192860-2) Analyzed: 04/02/26 12:41 993
LCS Duplicate (WG2192860-3) Analyzed: 04/02/26 13:00 1043
Matrix Spike (WG2192860-4) Analyzed: 04/04/26 14:51 1093
Matrix Spike Duplica (WG2192860-5) Analyzed: 04/04/26 15:10 1142
Semivolatiles Calculations 1191
QC Batch WG2192860 1192
ICAL Sequence for SV112 on 09-FEB-2026 00:00 ICAL23047 1193
Instrument SV112 Run Date 04/02/26 Run ID R2084474 1194
Instrument SV112 Run Date 04/04/26 Run ID R2085357 1195
Organic ELN-Workgroup:WG2192860 1196

Table of Contents

Semivolatiles Data - Method 8270D-SIM 1199
Semivolatiles QC Summary 1200
Form 2 - Organics 1201
Form 3 - Organics 1202
Form 4 - Organics 1204
Form 5 - Organics 1205
Form 8 - Organics 1209
MDL Study - 8270 Low Level PAH 1213
Semivolatiles Sample Data 1214
Form 1 - Organics 1215
MW-1-032726 (L2617421-01) Analyzed: 04/03/26 13:43 1221
MW-2-032726 (L2617421-02) Analyzed: 04/03/26 14:00 1225
MW-3R-032726 (L2617421-03) Analyzed: 04/03/26 14:18 1229
MW-4R-032726 (L2617421-04) Analyzed: 04/03/26 15:09 1236
DUP-032726 (L2617421-05) Analyzed: 04/03/26 15:27 1250
Semivolatiles Standards Data 1256
Initial Calibration 1257
Form 6 - Organics 1258
ICAL for SV125 on 11/25/25 ICAL22846 1262
Initial Calibration Summary - Cal Date: 11/25/25 00:00 1262
Injected on: 11/20/25 16:12 1263
Degradation Injected on: 11/20/25 16:12 1264
Tailing Factor Injected on: 11/20/25 16:12 1265
IL10 Injected on: 11/20/25 16:30 1267
IL9 Injected on: 11/20/25 16:47 1271
IL8 Injected on: 11/20/25 17:04 1275
IL7 Injected on: 11/20/25 17:21 1280
IL6 Injected on: 11/20/25 17:39 1285
IL5 Injected on: 11/20/25 17:56 1292
IL4 Injected on: 11/20/25 18:13 1302
IL3 Injected on: 11/20/25 18:31 1311
IL2 Injected on: 11/20/25 18:48 1320
IL1 Injected on: 11/20/25 19:05 1331
ICV Summary Form Injected on: 11/20/25 19:23 1336
ICV Quant Report Injected on: 11/20/25 19:23 1338
Relative Error Summary 1373
ICAL for SV118 on 12/15/25 ICAL22895 1374
Initial Calibration Summary - Cal Date: 12/15/25 00:00 1374
Tune Injected on: 12/13/25 18:36 1375
Deg Injected on: 12/13/25 18:36 1376
Tailing Factor Injected on: 12/13/25 18:36 1377
L10 Injected on: 12/13/25 18:55 1379
L9 Injected on: 12/13/25 19:12 1383
L8 Injected on: 12/13/25 19:29 1387
L7 Injected on: 12/13/25 19:46 1391
L6 Injected on: 12/13/25 20:03 1395
L5 Injected on: 12/13/25 20:20 1399
L4 Injected on: 12/13/25 20:38 1404
L3 Injected on: 12/13/25 20:55 1412
L2 Injected on: 12/13/25 21:12 1422

Table of Contents

L1 Injected on: 12/13/25 21:29 1429
ICV Summary Form Injected on: 12/13/25 21:47 1433
ICV Quant Report Injected on: 12/13/25 21:47 1435
Relative Error 1470
Continuing Calibration 1471
Form 7 - Organics 1472
CC Summary - SV118 Run: 04/03/26 09:57 1474
CC Quant - WG2193570-3 SV118 Run: 04/03/26 09:57 1476
DEG Quant for SV118 injected on 04/03/26 09:18 1512
dftpp tune - Inst. SV118 04/03/26 09:18 1513
Tailing factor report for SV118 injected on 04/03/26 09:18 1514
Form 7 - Organics 1516
CC Summary - SV125 Run: 04/03/26 10:21 1518
CC Quant - WG2193582-3 SV125 Run: 04/03/26 10:21 1520
DEG Quant for SV125 injected on 04/03/26 09:21 1555
dftpp tune - Inst. SV125 04/03/26 09:21 1556
Tailing factor report for SV125 injected on 04/03/26 09:21 1557
Semivolatiles Raw QC Summary 1559
Laboratory Method Bl (WG2192861-1) Analyzed: 04/03/26 11:31 1560
Laboratory Control S (WG2192861-2) Analyzed: 04/03/26 10:55 1564
LCS Duplicate (WG2192861-3) Analyzed: 04/03/26 11:13 1590
Matrix Spike (WG2192861-4) Analyzed: 04/03/26 14:35 1616
Matrix Spike Duplica (WG2192861-5) Analyzed: 04/03/26 14:52 1642
Semivolatiles Calculations 1668
QC Batch WG2192861 1669
ICAL Sequence for SV125 on 25-NOV-2025 00:00 ICAL22846 1670
ICAL Sequence for SV118 on 15-DEC-2025 00:00 ICAL22895 1671
Instrument SV118 Run Date 04/03/26 Run ID R2085851 1672
Instrument SV125 Run Date 04/03/26 Run ID R2085562 1673
Organic ELN-Workgroup:WG2192861 1674
GC PCB Analysis 1677
Aroclor QC Summary 1678
Form 2 - Organics 1679
Form 3 - Organics 1680
Form 4 - Organics 1682
Form 8 - Organics 1683
MDL Study - PCBs 1684
PCB_Expired_1_6_2025 1684
PCB_RVT 1686
Aroclor Sample Data 1687
Form 1 - Organics 1688
MW-1-032726 (L2617421-01) Analyzed: 04/05/26 18:00 1694
MW-2-032726 (L2617421-02) Analyzed: 04/05/26 18:10 1700
MW-3R-032726 (L2617421-03) Analyzed: 04/05/26 18:19 1709
MW-4R-032726 (L2617421-04) Analyzed: 04/05/26 18:47 1715
DUP-032726 (L2617421-05) Analyzed: 04/05/26 18:57 1722
Aroclor Standards Data 1728
Initial Calibration 1729
Form 6 - Organics 1730
ICAL for PEST2 on 02/04/26 ICAL23029 1733

Table of Contents

Initial Calibration Summary - Cal Date: 02/04/26 00:00 1733
1242/1268 L9 (250ug/L) Injected on: 02/02/26 09:01 1736
1232/1262 L9 (250ug/L) Injected on: 02/02/26 09:11 1751
1248 L9 (250ug/L) Injected on: 02/02/26 09:20 1759
1221/1254 L9 (250ug/L) Injected on: 02/02/26 09:29 1767
1016/1260 L1 (4ug/L) Injected on: 02/02/26 09:39 1782
1016/1260 L2 (7ug/L) Injected on: 02/02/26 09:48 1812
1016/1260 L3 (10ug/L) Injected on: 02/02/26 09:58 1840
1016/1260 L4 (20ug/L) Injected on: 02/02/26 10:07 1863
1016/1260 L5 (30ug/L) Injected on: 02/02/26 10:16 1884
1016/1260 L6 (40ug/L) Injected on: 02/02/26 10:26 1901
1016/1260 L7 (50ug/L) Injected on: 02/02/26 10:35 1916
1016/1260 L8 (100ug/L) Injected on: 02/02/26 10:45 1929
1016/1260 L9 (250ug/L) Injected on: 02/02/26 10:54 1938
1016/1260 L10 (500ug/L) Injected on: 02/02/26 11:03 1946
Initial Calibration Verification Injected on: 02/02/26 11:13 1957
Initial Calibration Verification 1965
1242/1268 ICV Summary Form Injected on: 02/02/26 11:22 1966
1242/1268 ICV Quant Report Injected on: 02/02/26 11:22 1970
1232/1262 ICV Summary Form Injected on: 02/02/26 11:32 1986
1232/1262 ICV Quant Report Injected on: 02/02/26 11:32 1990
1248 ICV Summary Form Injected on: 02/02/26 11:41 1997
1248 ICV Quant Report Injected on: 02/02/26 11:41 2001
1221/1254 ICV Summary Form Injected on: 02/02/26 11:50 2008
1221/1254 ICV Quant Report Injected on: 02/02/26 11:50 2012
1016/1260 ICV Summary Form Injected on: 02/02/26 12:00 2025
1016/1260 ICV Quant Report Injected on: 02/02/26 12:00 2029
Continuing Calibration 2036
Form 7 - Organics 2037
CC Summary - PEST2 Run: 04/05/26 10:43 2039
CC Quant - WG2194122-1 PEST2 Run: 04/05/26 10:43 2041
RT Shift Summary 2058
Form 10 - Organics 2059
Aroclor Raw QC Data 2060
Laboratory Method Bl (WG2193331-1) Analyzed: 04/05/26 17:32 Chan. A&B 2061
Laboratory Control S (WG2193331-2) Analyzed: 04/05/26 17:41 Chan. A&B 2068
LCS Duplicate (WG2193331-3) Analyzed: 04/05/26 17:51 Chan. A&B 2076
Matrix Spike (WG2193331-4) Analyzed: 04/05/26 18:28 Chan. A&B 2082
Matrix Spike Duplica (WG2193331-5) Analyzed: 04/05/26 18:38 Chan. A&B 2091
PCB Calculations 2103
ICAL Sequence for PEST2 on 04-FEB-2026 00:00 ICAL23029 2104
Instrument PEST2 Run Date 04/05/26 Run ID R2085883 2105
QC Batch WG2193331 2106
Organic ELN-Workgroup:WG2193331 2107

Project Name: 2026 BROWN MFG PRR
Project Number: 119.431.042

Lab Number: L2617421
Report Date: 04/10/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2617421-01	MW-1-032726	WATER	SYRACUSE	03/27/26 14:00	03/27/26
L2617421-02	MW-2-032726	WATER	SYRACUSE	03/27/26 13:13	03/27/26
L2617421-03	MW-3R-032726	WATER	SYRACUSE	03/27/26 11:35	03/27/26
L2617421-04	MW-4R-032726	WATER	SYRACUSE	03/27/26 10:40	03/27/26
L2617421-05	DUP-032726	WATER	SYRACUSE	03/27/26 00:00	03/27/26
L2617421-06	TRIP BLANK	TRIP BLANK (AQUEOUS)	SYRACUSE	03/23/26 00:00	03/27/26

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 Pace 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, Pace'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 Pace 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.

Volatile Organics

The WG2196004-6/-7 MS/MSD recoveries performed on L2617421-03 are outside the acceptance criteria for acetone (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Semivolatile Organics

The WG2192860-4/-5 MS/MSD recoveries performed on L2617421-03 are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

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: Melissa Sturgis Report Date: 04/10/26

Title: Technical Director/Representative

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

TYPICAL INSTRUMENT PARAMETERS

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

Pace Job Number : L2617421

Account Name : C&S Companies
Project Number : 115.431.042
Project Name : 2026 BROWN MFG PRR

Received : 27-MAR-2026
Reviewer : Samira Sampaio

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.5	

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**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Apr 10 2026, 04:29 pm

Login Number: L2617421
Account: C&SENG C&S CompaniesProject: 119.431.042
Received: 27MAR26 Due Date: 10APR26

Sample #	Client ID	Mat	PR	Collected
L2617421-01	MW-1-032726	1	S0	27MAR26 14:00
8260/8270: Report List Built ASP-B Package Due Date: 04/10/26				
ASP-B,DISPOSAL,NYTCL-8082-RVT,NYTCL-8260-R2,NYTCL-8270/SIM-RVT,NYTCL-8270-RVT,NYTCL-8270-SIM-RVT				
L2617421-02	MW-2-032726	1	S0	27MAR26 13:13
8260/8270: Report List Built Package Due Date: 04/10/26				
DISPOSAL,NYTCL-8082-RVT,NYTCL-8260-R2,NYTCL-8270/SIM-RVT,NYTCL-8270-RVT,NYTCL-8270-SIM-RVT				
L2617421-03	MW-3R-032726	1	S0	27MAR26 11:35
8260/8270: Report List Built L2617421-03 MS L2617421-03 MSD Package Due Date: 04/10/26				
DISPOSAL,MS/MSD,NYTCL-8082-RVT,NYTCL-8260-R2,NYTCL-8270/SIM-RVT,NYTCL-8270-RVT,NYTCL-8270-SIM-RVT				
L2617421-04	MW-4R-032726	1	S0	27MAR26 10:40
8260/8270: Report List Built Package Due Date: 04/10/26				
DISPOSAL,NYTCL-8082-RVT,NYTCL-8260-R2,NYTCL-8270/SIM-RVT,NYTCL-8270-RVT,NYTCL-8270-SIM-RVT				
L2617421-05	DUP-032726	1	S0	27MAR26 00:00
8260/8270: Report List Built Package Due Date: 04/10/26				
DISPOSAL,NYTCL-8082-RVT,NYTCL-8260-R2,NYTCL-8270/SIM-RVT,NYTCL-8270-RVT,NYTCL-8270-SIM-RVT				
L2617421-06	TRIP BLANK	1	S0	23MAR26 00:00
8260/8270: Report List Built Package Due Date: 04/10/26				
DISPOSAL,NYTCL-8260-R2				

Logged By: Candace Fox

NEW YORK CHAIN OF CUSTODY

L2617421

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: 03/28/26

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

Client Information
Client: C&S ENGINEERS
Address: 499 COL. EILEEN COLUMBUS BLVD
Phone:
Fax:
Email: MAWALKER@CSCOS.COM

Project Information
Project Name: 2026 BROWN MFG. PRR
Project Location: SYRACUSE
Project #: 115.431.042
(Use Project name as Project #)
Project Manager: MATT WALKER
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# 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:

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	8260	8082	8270						Sample Specific Comments	Total Bottle
17721 -01	MW1-032726	3/27	1400	W	JT	X	X	X							7
-02	MW-2-032726	3/27	1313	W	JT	X	X	X							7
-03	MW-3R032726	3/27	1135	W	JT	X	X	X							7
-03	MW-3R-MS-032726	3/27	1150	W	JT	X	X	X							7
-03	MW-3R-MSD-032726	3/27	1205	W	JT	X	X	X							7
-04	MW-4R-032726	3/27	1040	W	JT	X	X	X							7
-05	DUPE-032726	3/27		W	JT	X	X	X							7
-06	TRIP BLANK			W				X							2

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	A	A	V										
Preservative	A	A	B										

Relinquished By:	Date/Time	Received By:	Date/Time
	3/27 1455	PACE	3/27/26 1745
C&S	3/27/26 1745		3-27-26 1850
	3-27-26		3/27 2515 30
	3/28 0345		03/08/26 07:45

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: C&S Companies
Project Name: 2026 BROWN MFG PRR

Lab Number: L2617421
Project Number: 119.431.042
Matrix: Trip Blank (Aqueous)/Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1-032726 (L2617421-01)	111	92	82	115	0
MW-2-032726 (L2617421-02)	111	94	82	115	0
MW-3R-032726 (L2617421-03)	109	92	80	116	0
MW-4R-032726 (L2617421-04)	112	93	81	117	0
DUP-032726 (L2617421-05)	111	93	78	116	0
TRIP BLANK (L2617421-06)	111	93	81	117	0
WG2196004-3LCS	106	97	82	105	0
WG2196004-4LCSD	104	95	83	103	0
WG2196004-5BLANK	105	94	83	107	0
MW-3R-032726MS	110	95	80	106	0
MW-3R-032726MSD	105	96	81	105	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	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2196004-3	**Analysis Date** : 04/08/26 09:17	**File ID** : V05260408A01
LCSD Sample ID	: WG2196004-4	**Analysis Date** : 04/08/26 09:43	**File ID** : V05260408A02

	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	9.5	95	10	9.3	93	2	70-130	20
1,1-Dichloroethane	10	10	100	10	9.9	99	1	70-130	20
Chloroform	10	9.8	98	10	9.5	95	3	70-130	20
Carbon tetrachloride	10	8.7	87	10	8.4	84	4	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	8.7	87	10	8.8	88	1	63-130	20
1,1,2-Trichloroethane	10	9.2	92	10	9.3	93	1	70-130	20
Tetrachloroethene	10	9.6	96	10	9.2	92	4	70-130	20
Chlorobenzene	10	9.8	98	10	9.6	96	2	75-130	20
Trichlorofluoromethane	10	10	100	10	9.9	99	1	62-150	20
1,2-Dichloroethane	10	9.9	99	10	9.7	97	2	70-130	20
1,1,1-Trichloroethane	10	8.9	89	10	8.9	89	0	67-130	20
Bromodichloromethane	10	9.0	90	10	8.7	87	3	67-130	20
trans-1,3-Dichloropropene	10	8.2	82	10	8.1	81	1	70-130	20
cis-1,3-Dichloropropene	10	8.8	88	10	8.7	87	1	70-130	20
Bromoform	10	7.8	78	10	8.1	81	4	54-136	20
1,1,2,2-Tetrachloroethane	10	8.7	87	10	9.0	90	3	67-130	20
Benzene	10	9.7	97	10	9.6	96	1	70-130	20
Toluene	10	9.4	94	10	9.1	91	3	70-130	20
Ethylbenzene	10	9.2	92	10	9.0	90	2	70-130	20
Chloromethane	10	9.0	90	10	8.5	85	6	64-130	20
Bromomethane	10	6.8	68	10	6.7	67	1	39-139	20
Vinyl chloride	10	11	110	10	10	100	10	55-140	20
Chloroethane	10	13	130	10	13	130	0	55-138	20
1,1-Dichloroethene	10	9.8	98	10	9.5	95	3	61-145	20
trans-1,2-Dichloroethene	10	9.5	95	10	9.4	94	1	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2196004-3 **Analysis Date** : 04/08/26 09:17	**File ID**	: V05260408A01
LCSD Sample ID	: WG2196004-4 **Analysis Date** : 04/08/26 09:43	**File ID**	: V05260408A02

	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	9.2	92	10	9.1	91	1	70-130	20
1,2-Dichlorobenzene	10	9.5	95	10	9.6	96	1	70-130	20
1,3-Dichlorobenzene	10	9.5	95	10	9.5	95	0	70-130	20
1,4-Dichlorobenzene	10	9.6	96	10	9.8	98	2	70-130	20
Methyl tert butyl ether	10	6.5	65	10	6.6	66	2	63-130	20
p/m-Xylene	20	19	95	20	18	90	5	70-130	20
o-Xylene	20	19	95	20	18	90	5	70-130	20
cis-1,2-Dichloroethene	10	9.8	98	10	9.5	95	3	70-130	20
Styrene	20	19	95	20	19	95	0	70-130	20
Dichlorodifluoromethane	10	10	100	10	9.9	99	1	36-147	20
Acetone	10	9.0	90	10	8.9	89	1	58-148	20
Carbon disulfide	10	10	100	10	10	100	0	51-130	20
2-Butanone	10	6.7	67	10	7.6	76	13	63-138	20
4-Methyl-2-pentanone	10	7.0	70	10	7.2	72	3	59-130	20
2-Hexanone	10	6.2	62	10	6.6	66	6	57-130	20
Bromochloromethane	10	10	100	10	10	100	0	70-130	20
1,2-Dibromoethane	10	9.2	92	10	9.2	92	0	70-130	20
1,2-Dibromo-3-chloropropane	10	7.7	77	10	8.4	84	9	41-144	20
Isopropylbenzene	10	8.1	81	10	8.2	82	1	70-130	20
1,2,3-Trichlorobenzene	10	9.9	99	10	10	100	1	70-130	20
1,2,4-Trichlorobenzene	10	9.3	93	10	9.6	96	3	70-130	20
Methyl Acetate	10	8.5	85	10	9.4	94	10	70-130	20
Cyclohexane	10	8.8	88	10	8.6	86	2	70-130	20
1,4-Dioxane	500	360	72	500	420	84	15	56-162	20
Freon-113	10	9.9	99	10	9.4	94	5	70-130	20
Methyl cyclohexane	10	8.2	82	10	7.9	79	4	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Client Sample ID	: MW-3R-032726	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2617421-03	**Analysis Date**	: 04/08/26 18:12
Matrix Spike	: WG2196004-6	**MS Analysis Date**	: 04/08/26 19:54
Matrix Spike Dup	: WG2196004-7	**MSD Analysis Date**	: 04/08/26 20:20

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	10	10	100	10	10	100	0	70-130	20
1,1-Dichloroethane	ND	10	12	120	10	11	110	9	70-130	20
Chloroform	ND	10	11	110	10	11	110	0	70-130	20
Carbon tetrachloride	ND	10	11	110	10	11	110	0	63-132	20
1,2-Dichloropropane	ND	10	11	110	10	10	100	10	70-130	20
Dibromochloromethane	ND	10	9.3	93	10	9.2	92	1	63-130	20
1,1,2-Trichloroethane	ND	10	9.8	98	10	9.5	95	3	70-130	20
Tetrachloroethene	ND	10	11	110	10	10	100	10	70-130	20
Chlorobenzene	ND	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	ND	10	14	140	10	14	140	0	62-150	20
1,2-Dichloroethane	ND	10	11	110	10	10	100	10	70-130	20
1,1,1-Trichloroethane	ND	10	11	110	10	11	110	0	67-130	20
Bromodichloromethane	ND	10	9.6	96	10	9.3	93	3	67-130	20
trans-1,3-Dichloropropene	ND	10	8.3	83	10	8.2	82	1	70-130	20
cis-1,3-Dichloropropene	ND	10	8.6	86	10	8.4	84	2	70-130	20
Bromoform	ND	10	8.3	83	10	7.9	79	5	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	9.5	95	10	9.0	90	5	67-130	20
Benzene	ND	10	11	110	10	11	110	0	70-130	20
Toluene	ND	10	10	100	10	9.9	99	1	70-130	20
Ethylbenzene	ND	10	10	100	10	9.6	96	4	70-130	20
Chloromethane	ND	10	9.6	96	10	11	110	14	64-130	20
Bromomethane	ND	10	7.4	74	10	7.7	77	4	39-139	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Client Sample ID	: MW-3R-032726	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2617421-03	**Analysis Date**	: 04/08/26 18:12
Matrix Spike	: WG2196004-6	**MS Analysis Date**	: 04/08/26 19:54
Matrix Spike Dup	: WG2196004-7	**MSD Analysis Date**	: 04/08/26 20:20

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Vinyl chloride	ND	10	13	130		10	14	140		7	55-140	20
Chloroethane	ND	10	16	160	Q	10	16	160	Q	0	55-138	20
1,1-Dichloroethene	ND	10	12	120		10	12	120		0	61-145	20
trans-1,2-Dichloroethene	ND	10	11	110		10	11	110		0	70-130	20
Trichloroethene	ND	10	11	110		10	10	100		10	70-130	20
1,2-Dichlorobenzene	ND	10	9.9	99		10	9.3	93		6	70-130	20
1,3-Dichlorobenzene	ND	10	10	100		10	9.4	94		6	70-130	20
1,4-Dichlorobenzene	ND	10	9.9	99		10	9.4	94		5	70-130	20
Methyl tert butyl ether	ND	10	6.6	66		10	6.7	67		2	63-130	20
p/m-Xylene	ND	20	21	105		20	19	95		10	70-130	20
o-Xylene	ND	20	20	100		20	19	95		5	70-130	20
cis-1,2-Dichloroethene	ND	10	11	110		10	11	110		0	70-130	20
Styrene	ND	20	20	100		20	19	95		5	70-130	20
Dichlorodifluoromethane	ND	10	13	130		10	13	130		0	36-147	20
Acetone	16	10	16	0	Q	10	12	0	Q	29 Q	58-148	20
Carbon disulfide	ND	10	13	130		10	12	120		8	51-130	20
2-Butanone	ND	10	12	120		10	9.2	92		26 Q	63-138	20
4-Methyl-2-pentanone	ND	10	7.4	74		10	7.5	75		1	59-130	20
2-Hexanone	ND	10	6.8	68		10	6.8	68		0	57-130	20
Bromochloromethane	ND	10	11	110		10	11	110		0	70-130	20
1,2-Dibromoethane	ND	10	9.6	96		10	9.3	93		3	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	9.0	90		10	8.4	84		7	41-144	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Client Sample ID	: MW-3R-032726	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2617421-03	**Analysis Date**	: 04/08/26 18:12
Matrix Spike	: WG2196004-6	**MS Analysis Date**	: 04/08/26 19:54
Matrix Spike Dup	: WG2196004-7	**MSD Analysis Date**	: 04/08/26 20:20

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Isopropylbenzene	ND	10	9.0	90	10	8.4	84	7	70-130	20
1,2,3-Trichlorobenzene	ND	10	10	100	10	9.5	95	5	70-130	20
1,2,4-Trichlorobenzene	ND	10	9.6	96	10	8.9	89	8	70-130	20
Methyl Acetate	ND	10	9.1	91	10	8.4	84	8	70-130	20
Cyclohexane	ND	10	12	120	10	11	110	9	70-130	20
1,4-Dioxane	ND	500	350	70	500	720	144	69 Q	56-162	20
Freon-113	ND	10	13	130	10	12	120	8	70-130	20
Methyl cyclohexane	ND	10	11	110	10	9.4J	94	16	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab Sample ID	: WG2196004-5	**Lab File ID**	: V05260408A05
Instrument ID	: VOA105		
Matrix	: WATER	**Analysis Date**	: 04/08/26 10:59

Client Sample No.	Lab Sample ID	Analysis Date
WG2196004-3LCS	WG2196004-3	04/08/26 09:17
WG2196004-4LCSD	WG2196004-4	04/08/26 09:43
MW-1-032726	L2617421-01	04/08/26 17:22
MW-2-032726	L2617421-02	04/08/26 17:47
MW-3R-032726	L2617421-03	04/08/26 18:12
MW-4R-032726	L2617421-04	04/08/26 18:38
DUP-032726	L2617421-05	04/08/26 19:03
TRIP BLANK	L2617421-06	04/08/26 19:29
MW-3R-032726MS	WG2196004-6	04/08/26 19:54
MW-3R-032726MSD	WG2196004-7	04/08/26 20:20

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

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: VOA105	**Analysis Date**	: 03/14/26 13:04
Tune Standard	: WG2185594-1	**Tune File ID**	: V05260314ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.1
75	30.0 - 80.0% of mass 95	51.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1)1
174	Greater than 50.0% of mass 95	76.5
175	5.0 - 9.0% of mass 174	6 (7.8)1
176	Greater than 95.0% but less than 101% of mass	76.4 (99.9)1
177	5.0 - 9.0% of mass 176	5 (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
STD0.19PPB	R2077434-1	V05260314A03	03/14/26 14:08
STD0.5PPB	R2077434-2	V05260314A05	03/14/26 14:59
STD2PPB	R2077434-4	V05260314A07	03/14/26 15:50
STD10PPB	R2077434-3	V05260314A09	03/14/26 16:41
STD30PPB	R2077434-5	V05260314A10	03/14/26 17:07
STD80PPB	R2077434-6	V05260314A11	03/14/26 17:32
STD120PPB	R2077434-7	V05260314A12	03/14/26 17:57
STD200PPB	R2077434-8	V05260314A13	03/14/26 18:23
ICV Quant Report	R2077434-9	V05260314A18	03/14/26 20:30

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

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: VOA105	**Analysis Date**	: 04/08/26 08:59
Tune Standard	: WG2196004-1	**Tune File ID**	: V05260408ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.3
75	30.0 - 80.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0% of mass 95	85.9
175	5.0 - 9.0% of mass 174	6.5 (7.6)1
176	Greater than 95.0% but less than 101% of mass	84 (97.7)1
177	5.0 - 9.0% of mass 176	5.6 (6.7)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
WG2196004-2CCAL	WG2196004-2	V05260408A01	04/08/26 09:17
WG2196004-3LCS	WG2196004-3	V05260408A01	04/08/26 09:17
WG2196004-4LCSD	WG2196004-4	V05260408A02	04/08/26 09:43
WG2196004-5BLANK	WG2196004-5	V05260408A05	04/08/26 10:59
MW-1-032726	L2617421-01	V05260408A20	04/08/26 17:22
MW-2-032726	L2617421-02	V05260408A21	04/08/26 17:47
MW-3R-032726	L2617421-03	V05260408A22	04/08/26 18:12
MW-4R-032726	L2617421-04	V05260408A23	04/08/26 18:38
DUP-032726	L2617421-05	V05260408A24	04/08/26 19:03
TRIP BLANK	L2617421-06	V05260408A25	04/08/26 19:29
WG2196004-6MS	WG2196004-6	V05260408A26	04/08/26 19:54
WG2196004-7MSD	WG2196004-7	V05260408A27	04/08/26 20:20

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: VOA105	**Analysis Date**	: 04/08/26 09:17:00
Sample No	: WG2196004-2	**Lab File ID**	: V05260408A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2196004-2	213045	5.49	163604	8.96	101615	11.77
Upper Limit	426090	5.99	327208	9.46	203230	12.27
Lower Limit	106523	4.99	81802	8.46	50808	11.27
Sample ID						
WG2196004-3 LCS	213045	5.49	163604	8.96	101615	11.77
WG2196004-4 LCSD	217686	5.49	166495	8.96	100652	11.77
WG2196004-5 BLANK	192152	5.49	146229	8.96	83312	11.78
MW-1-032726	171807	5.49	134652	8.96	76734	11.78
MW-2-032726	170203	5.49	131817	8.96	75353	11.78
MW-3R-032726	162961	5.49	128298	8.96	73701	11.78
MW-4R-032726	163083	5.49	128952	8.96	73645	11.78
DUP-032726	159808	5.49	126346	8.96	72720	11.78
TRIP BLANK	164600	5.49	130875	8.96	74946	11.78
MW-3R-032726 MS	188490	5.49	146682	8.96	91755	11.77
MW-3R-032726 MSD	193175	5.49	146083	8.96	91593	11.77

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: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

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 Pace Analytical Services.

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 Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-01	Date Collected	: 03/27/26 14:00
Client ID	: MW-1-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 17:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A20	Instrument ID	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-01	Date Collected	: 03/27/26 14:00
Client ID	: MW-1-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 17:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A20	Instrument ID	: VOA105
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	0.17	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	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-01	**Date Collected**	: 03/27/26 14:00
Client ID	: MW-1-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/08/26 17:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05260408A20	**Instrument ID**	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-02	Date Collected	: 03/27/26 13:13
Client ID	: MW-2-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 17:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A21	Instrument ID	: VOA105
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	16	2.5	0.70	
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-02	Date Collected	: 03/27/26 13:13
Client ID	: MW-2-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 17:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A21	Instrument ID	: VOA105
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	0.17	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	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-02	**Date Collected**	: 03/27/26 13:13
Client ID	: MW-2-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/08/26 17:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05260408A21	**Instrument ID**	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-03	Date Collected	: 03/27/26 11:35
Client ID	: MW-3R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 18:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A22	Instrument ID	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-03	Date Collected	: 03/27/26 11:35
Client ID	: MW-3R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 18:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A22	Instrument ID	: VOA105
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	0.17	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	16	5.0	1.5	
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	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-03	**Date Collected**	: 03/27/26 11:35
Client ID	: MW-3R-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/08/26 18:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05260408A22	**Instrument ID**	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-04	Date Collected	: 03/27/26 10:40
Client ID	: MW-4R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 18:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A23	Instrument ID	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-04	Date Collected	: 03/27/26 10:40
Client ID	: MW-4R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 18:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A23	Instrument ID	: VOA105
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	0.17	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	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-04	**Date Collected**	: 03/27/26 10:40
Client ID	: MW-4R-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/08/26 18:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05260408A23	**Instrument ID**	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-05	Date Collected	: 03/27/26 00:00
Client ID	: DUP-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 19:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A24	Instrument ID	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-05	Date Collected	: 03/27/26 00:00
Client ID	: DUP-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 19:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A24	Instrument ID	: VOA105
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	0.17	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	11	5.0	1.5	
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	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-05	**Date Collected**	: 03/27/26 00:00
Client ID	: DUP-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/08/26 19:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V05260408A24	**Instrument ID**	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-06	Date Collected	: 03/23/26 00:00
Client ID	: TRIP BLANK	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 19:29
Sample Matrix	: Trip Blank (aqueous)	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A25	Instrument ID	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-06	Date Collected	: 03/23/26 00:00
Client ID	: TRIP BLANK	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 19:29
Sample Matrix	: Trip Blank (aqueous)	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A25	Instrument ID	: VOA105
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	0.17	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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-06	Date Collected	: 03/23/26 00:00
Client ID	: TRIP BLANK	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/08/26 19:29
Sample Matrix	: Trip Blank (aqueous)	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05260408A25	Instrument ID	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2196004-5	Date Collected	: NA
Client ID	: WG2196004-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/08/26 10:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V05260408A05	Instrument ID	: VOA105
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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2196004-5	Date Collected	: NA
Client ID	: WG2196004-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/08/26 10:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V05260408A05	Instrument ID	: VOA105
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	0.17	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	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2196004-5	Date Collected	: NA
Client ID	: WG2196004-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/08/26 10:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V05260408A05	Instrument ID	: VOA105
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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A20.D
Acq On : 8 Apr 2026 5:22 pm
Operator : VOA105:MJV
Sample : l2617421-01,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 09 07:39:11 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.492	96	171807	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 80.64%			
59) Chlorobenzene-d5	8.964	117	134652	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 82.30%			
79) 1,4-Dichlorobenzene-d4	11.776	152	76734	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 75.51%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.718	113	52281	11.478	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.78%			
43) 1,2-Dichloroethane-d4	5.217	65	61386	11.050	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.50%			
60) Toluene-d8	7.143	98	169070	9.246	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.46%			
83) 4-Bromofluorobenzene	10.510	95	59582	8.177	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 81.77%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
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	0.000		0	N.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:\VOA105\2026\260408A\
Data File : V05260408A20.D
Acq On : 8 Apr 2026 5:22 pm
Operator : VOA105:MJV
Sample : l2617421-01,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 09 07:39:11 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	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.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.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	0.000		0	N.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.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	0.000		0	N.D.		
76)	p/m Xylene	0.000		0	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	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	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.		

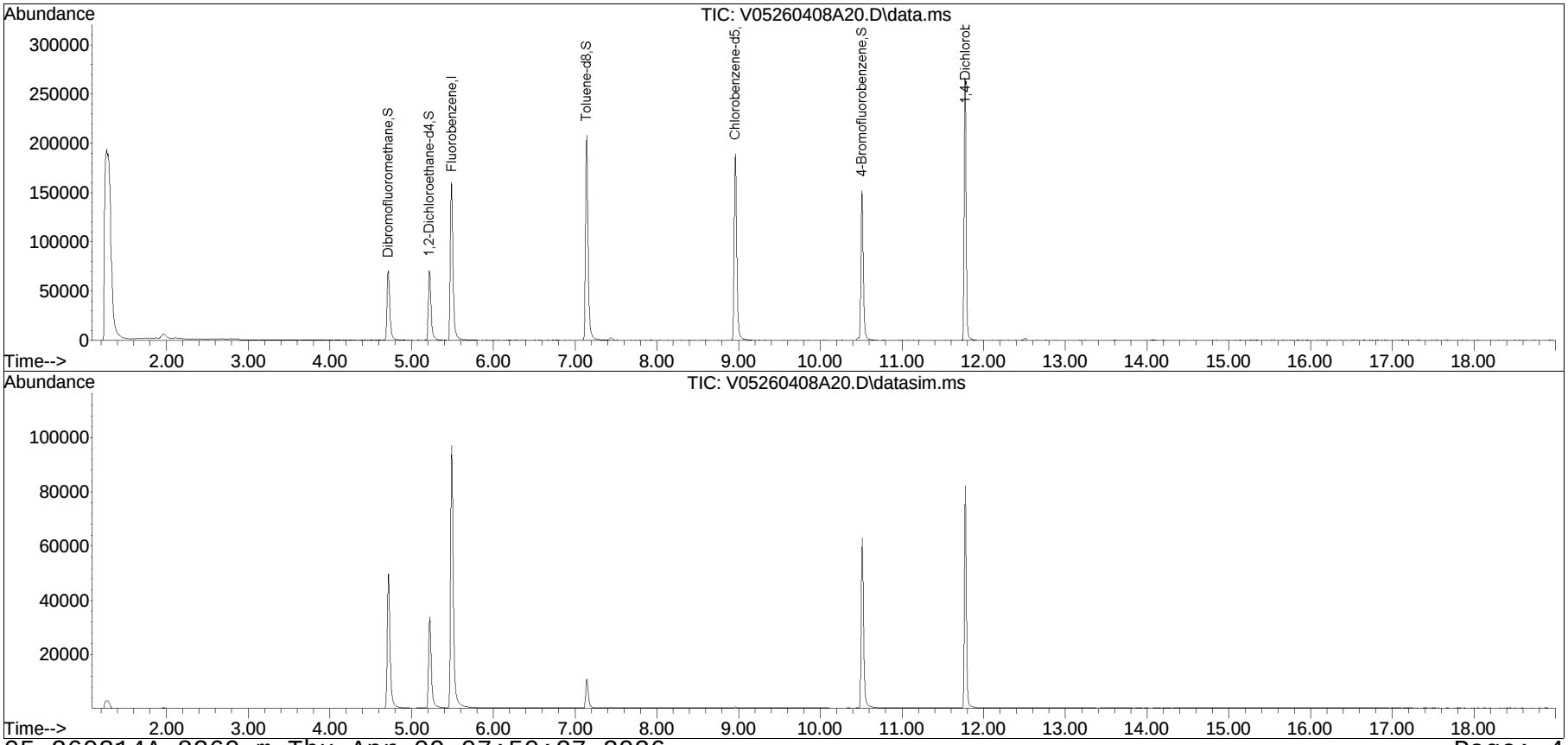
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A20.D
Acq On : 8 Apr 2026 5:22 pm
Operator : VOA105:MJV
Sample : l2617421-01,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 09 07:39:11 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A20.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 5:22 pm	Instrument	: VOA105
Sample	: l2617421-01,31,10,10,,a	Quant Date	: 4/9/2026 6:35 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A21.D
Acq On : 8 Apr 2026 5:47 pm
Operator : VOA105:MJV
Sample : l2617421-02,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 09 07:39:23 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.492	96	170203	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 79.89%			
59) Chlorobenzene-d5	8.963	117	131817	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 80.57%			
79) 1,4-Dichlorobenzene-d4	11.776	152	75353	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 74.16%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.718	113	51877	11.497	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.97%			
43) 1,2-Dichloroethane-d4	5.217	65	60989	11.082	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.82%			
60) Toluene-d8	7.143	98	167532	9.359	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.59%			
83) 4-Bromofluorobenzene	10.510	95	58864	8.227	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 82.27%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.181	43	67	N.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.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	4.540	83	128742	16.582	ug/L	99
34) Carbon tetrachloride	0.000		0	N.D.	d	

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A21.D
Acq On : 8 Apr 2026 5:47 pm
Operator : VOA105:MJV
Sample : l2617421-02,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 09 07:39:23 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	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.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.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	0.000		0	N.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.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	0.000		0	N.D.		
76)	p/m Xylene	0.000		0	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	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	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.		

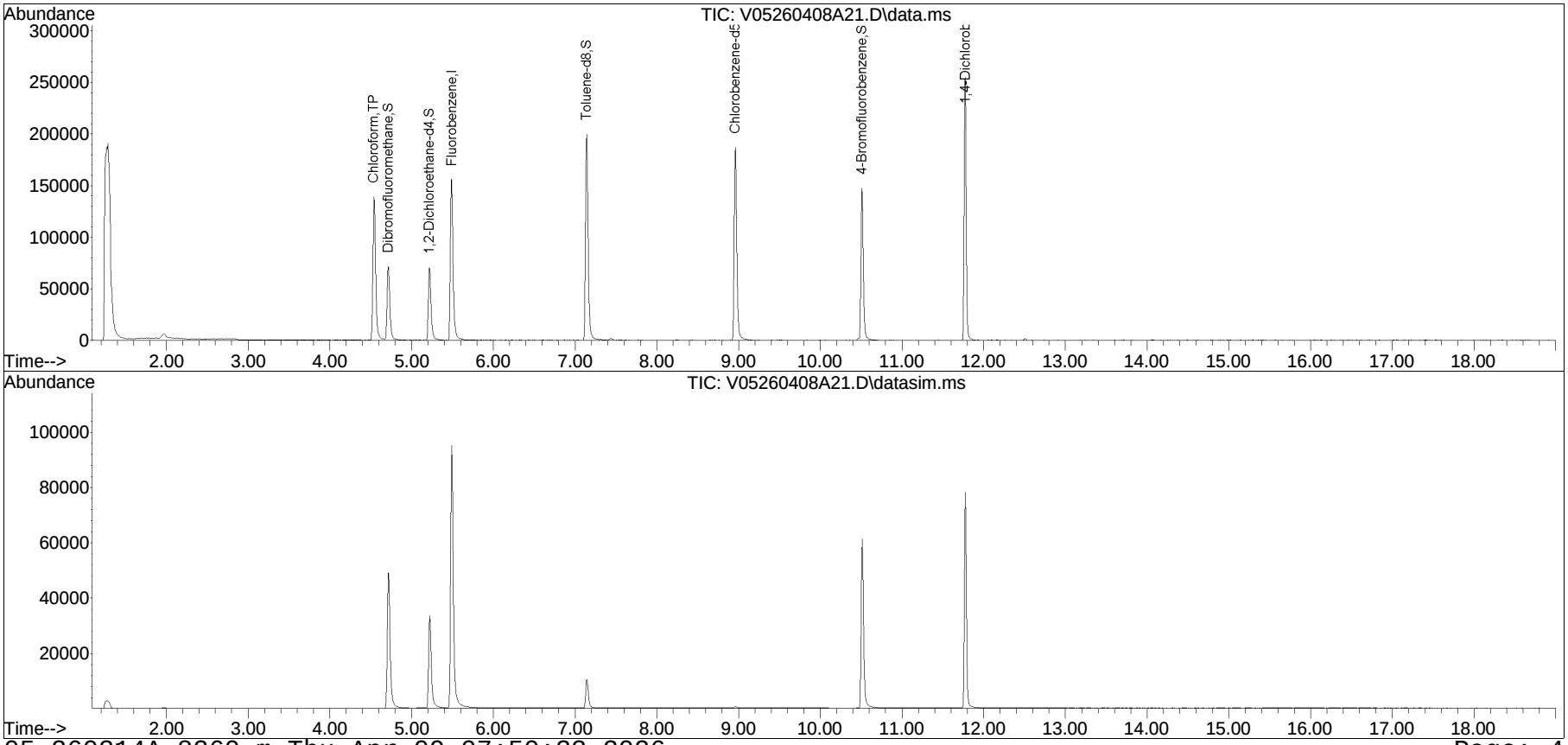
(#) = qualifier out of range (m) = manual integration (+) = signals summed

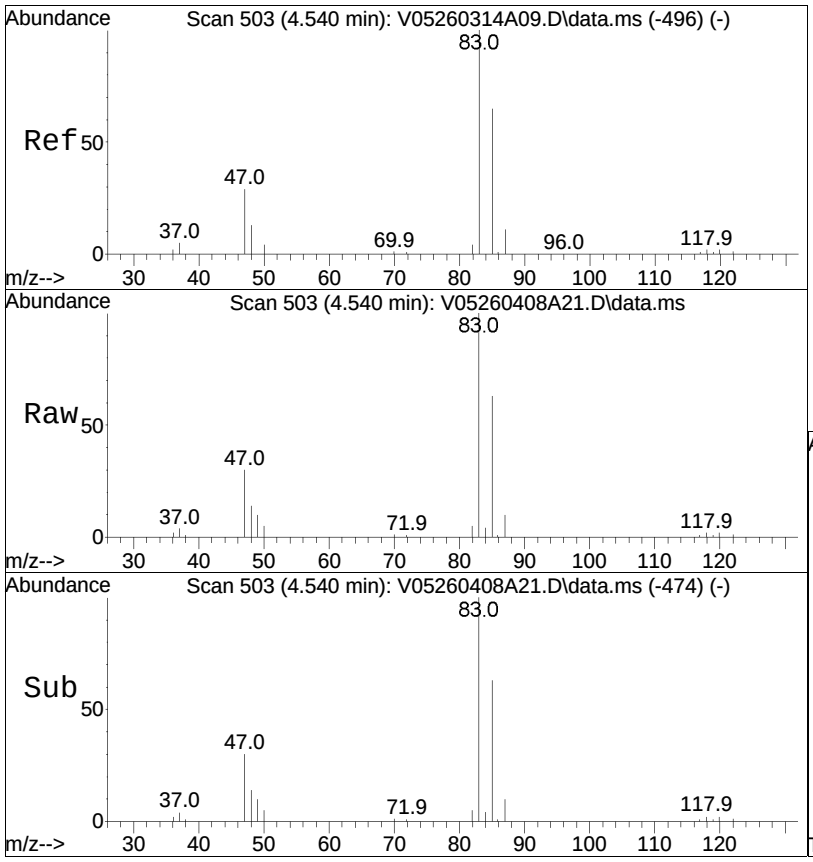
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A21.D
Acq On : 8 Apr 2026 5:47 pm
Operator : VOA105:MJV
Sample : l2617421-02,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 09 07:39:23 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•

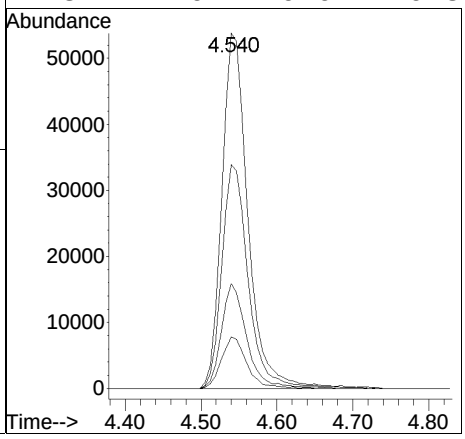




#32
Chloroform
Concen: 16.58 ug/L
RT: 4.540 min Scan# 503
Delta R.T. 0.000 min
Lab File: V05260408A21.D
Acq: 8 Apr 2026 5:47 pm

Tgt Ion: 83 Resp: 128742

Ion	Ratio	Lower	Upper
83	100		
85	63.6	41.9	87.1
47	28.6	18.5	38.5
48	14.0	10.0	20.8



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A21.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 5:47 pm	Instrument	: VOA105
Sample	: l2617421-02,31,10,10,,a	Quant Date	: 4/9/2026 6:35 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A22.D
Acq On : 8 Apr 2026 6:12 pm
Operator : VOA105:MJV
Sample : l2617421-03,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 09 07:39:38 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	162961	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 76.49%			
59) Chlorobenzene-d5	8.964	117	128298	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 78.42%			
79) 1,4-Dichlorobenzene-d4	11.776	152	73701	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 72.53%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.718	113	50157	11.610	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.10%			
43) 1,2-Dichloroethane-d4	5.217	65	57566	10.925	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.25%			
60) Toluene-d8	7.143	98	160385	9.205	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.05%			
83) 4-Bromofluorobenzene	10.510	95	55890	7.986	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 79.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	0.000		0	N.D.	d	
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	2.014	64	128	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.604	76	808	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.160	43	11183	16.163	ug/L	99
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	0.000		0	N.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:\VOA105\2026\260408A\
Data File : V05260408A22.D
Acq On : 8 Apr 2026 6:12 pm
Operator : VOA105:MJV
Sample : l2617421-03,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 09 07:39:38 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	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.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.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	0.000		0	N.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.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	8.957	91	138	N.D.		
76)	p/m Xylene	0.000		0	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	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	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.		

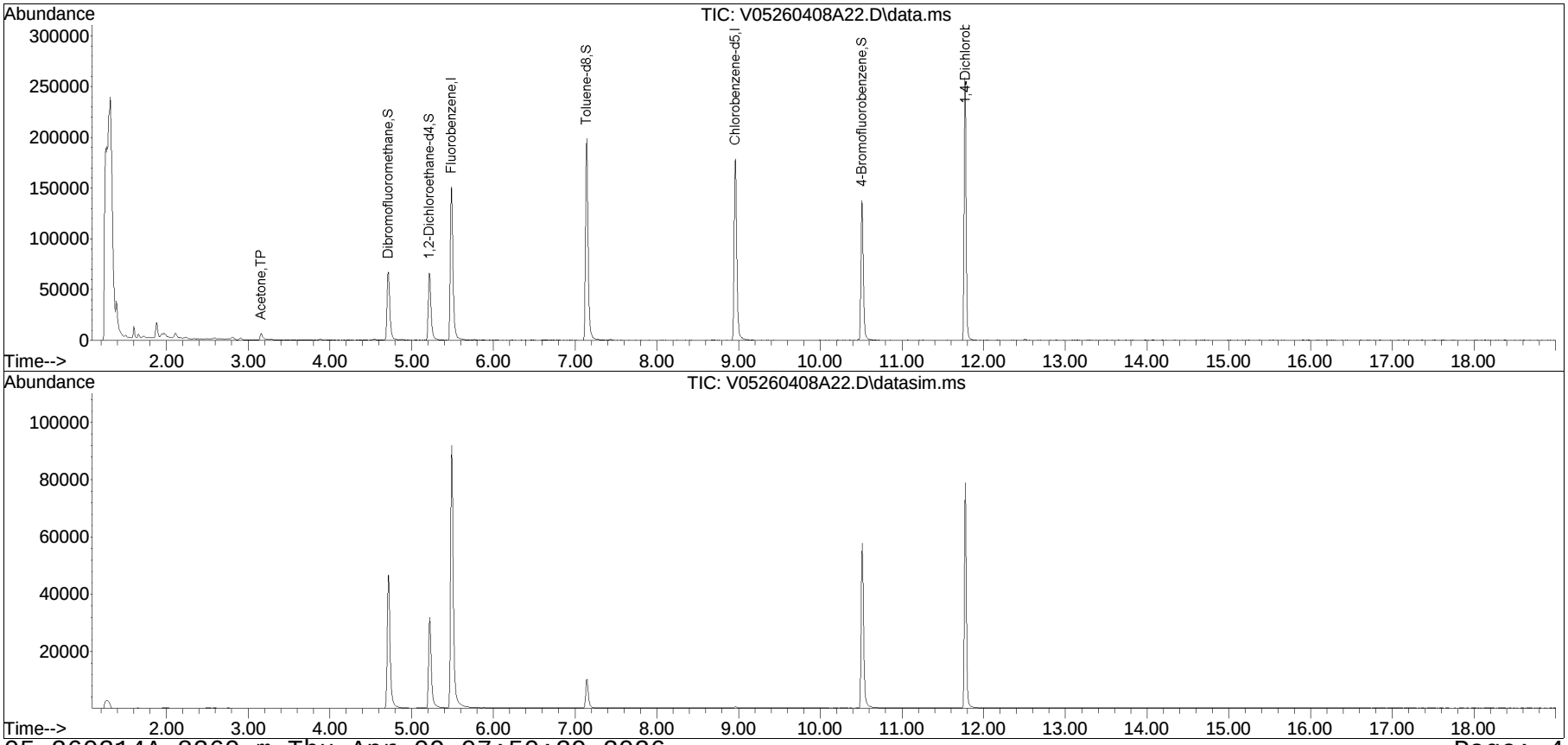
(#) = qualifier out of range (m) = manual integration (+) = signals summed

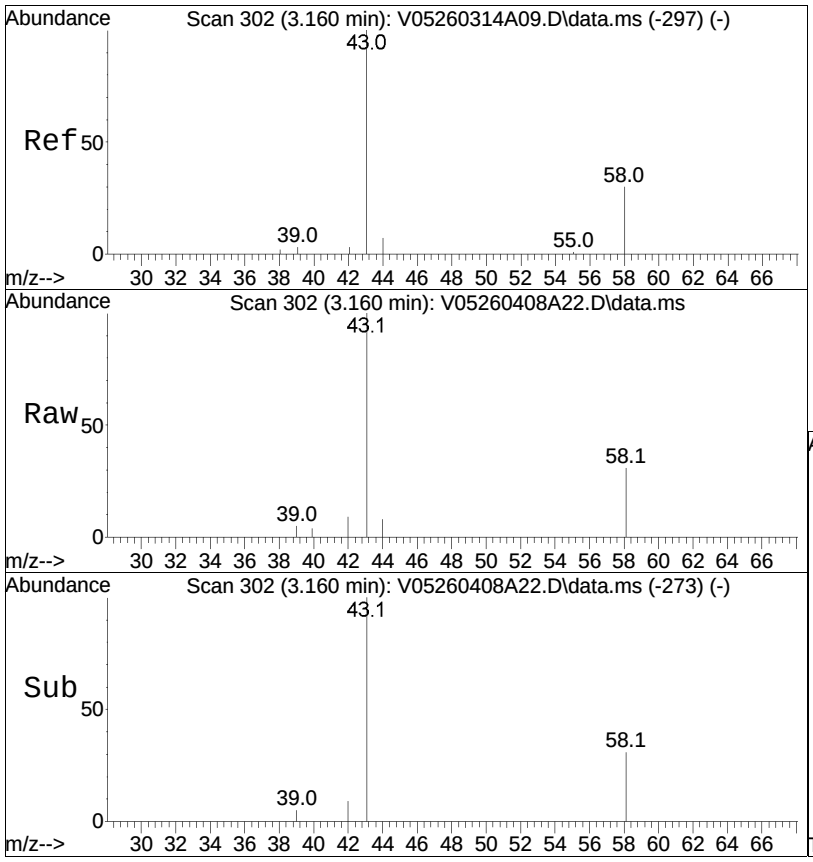
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A22.D
Acq On : 8 Apr 2026 6:12 pm
Operator : VOA105:MJV
Sample : l2617421-03,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 09 07:39:38 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•

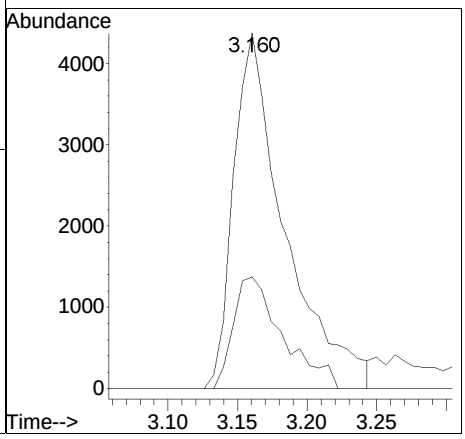




#17
Acetone
Concen: 16.16 ug/L
RT: 3.160 min Scan# 302
Delta R.T. 0.000 min
Lab File: V05260408A22.D
Acq: 8 Apr 2026 6:12 pm

Tgt Ion: 43 Resp: 11183

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.7	37.1



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A22.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 6:12 pm	Instrument	: VOA105
Sample	: l2617421-03,31,10,10,,a	Quant Date	: 4/9/2026 6:35 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A23.D
Acq On : 8 Apr 2026 6:38 pm
Operator : VOA105:MJV
Sample : l2617421-04,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 09 07:39:49 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	163083	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 76.55%			
59) Chlorobenzene-d5	8.964	117	128952	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 78.82%			
79) 1,4-Dichlorobenzene-d4	11.776	152	73645	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 72.47%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.718	113	50596	11.702	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.02%			
43) 1,2-Dichloroethane-d4	5.217	65	58802	11.151	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.51%			
60) Toluene-d8	7.143	98	162072	9.255	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.55%			
83) 4-Bromofluorobenzene	10.510	95	56875	8.133	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 81.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
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	2.611	76	62	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
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	0.000		0	N.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:\VOA105\2026\260408A\
Data File : V05260408A23.D
Acq On : 8 Apr 2026 6:38 pm
Operator : VOA105:MJV
Sample : l2617421-04,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 09 07:39:49 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	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.	
41)	Benzene	0.000		0		N.D.	
44)	1,2-Dichloroethane	0.000		0		N.D.	
47)	Methyl cyclohexane	0.000		0		N.D.	
48)	Trichloroethene	0.000		0		N.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	0.000		0		N.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.	
73)	Chlorobenzene	0.000		0		N.D.	
74)	Ethylbenzene	8.957	91	92		N.D.	
76)	p/m Xylene	0.000		0		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	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	0.000		0		N.D.	
101)	1,4-Dichlorobenzene	0.000		0		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.	

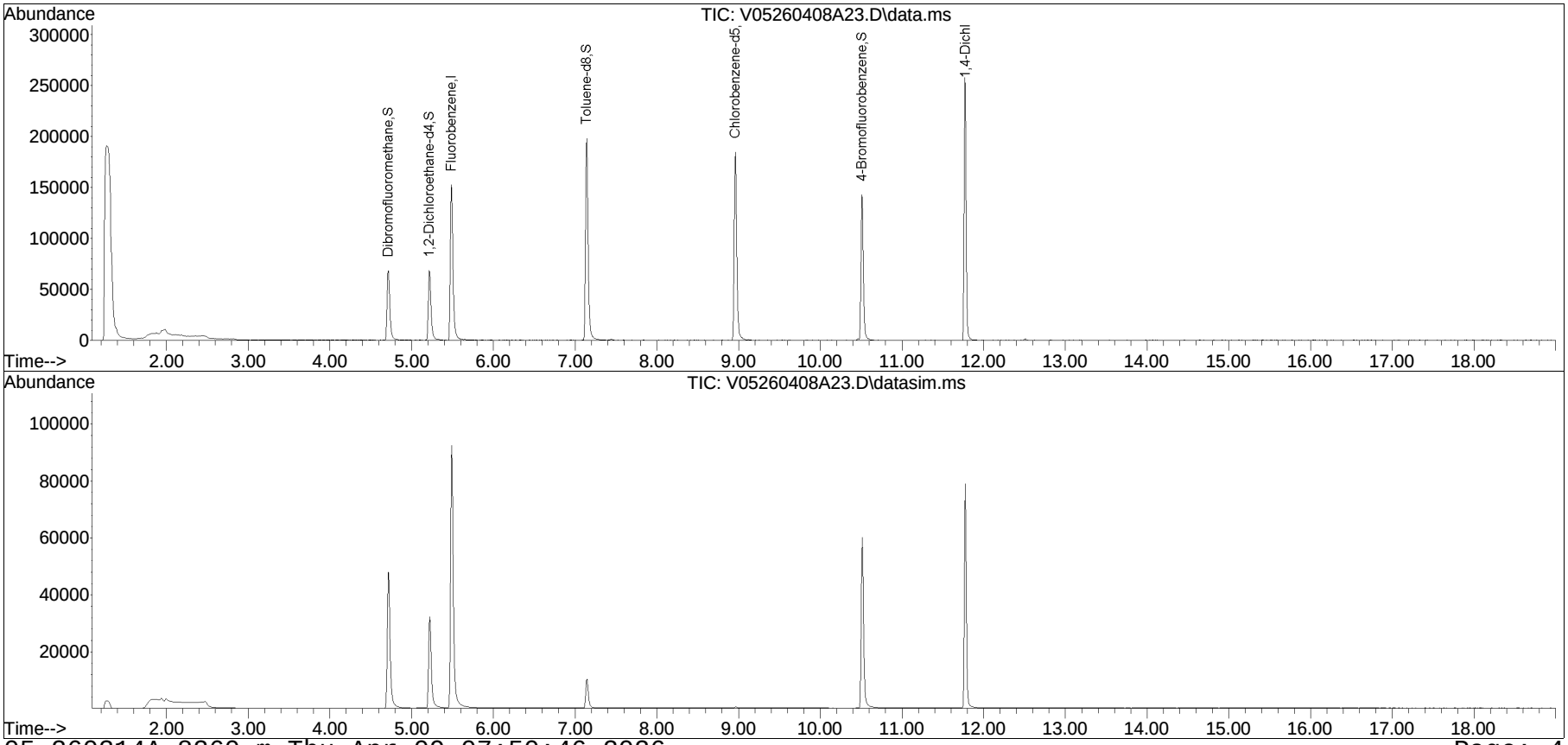
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A23.D
Acq On : 8 Apr 2026 6:38 pm
Operator : VOA105:MJV
Sample : l2617421-04,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 09 07:39:49 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A23.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 6:38 pm	Instrument	: VOA105
Sample	: l2617421-04,31,10,10,,a	Quant Date	: 4/9/2026 6:35 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A24.D
Acq On : 8 Apr 2026 7:03 pm
Operator : VOA105:MJV
Sample : l2617421-05,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 09 07:40:02 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	159808	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 75.01%			
59) Chlorobenzene-d5	8.964	117	126346	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 77.23%			
79) 1,4-Dichlorobenzene-d4	11.776	152	72720	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 71.56%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.718	113	49082	11.585	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.85%			
43) 1,2-Dichloroethane-d4	5.217	65	57429	11.114	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.14%			
60) Toluene-d8	7.143	98	159413	9.291	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.91%			
83) 4-Bromofluorobenzene	10.510	95	54057	7.829	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 78.29%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	1.602	50	156	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
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	2.604	76	166	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.160	43	7734	11.399	ug/L	91
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	0.000		0	N.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:\VOA105\2026\260408A\
Data File : V05260408A24.D
Acq On : 8 Apr 2026 7:03 pm
Operator : VOA105:MJV
Sample : l2617421-05,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 09 07:40:02 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	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.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	5.577	95	169	N.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	0.000		0	N.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.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	8.957	91	160	N.D.		
76)	p/m Xylene	0.000		0	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	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	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.		

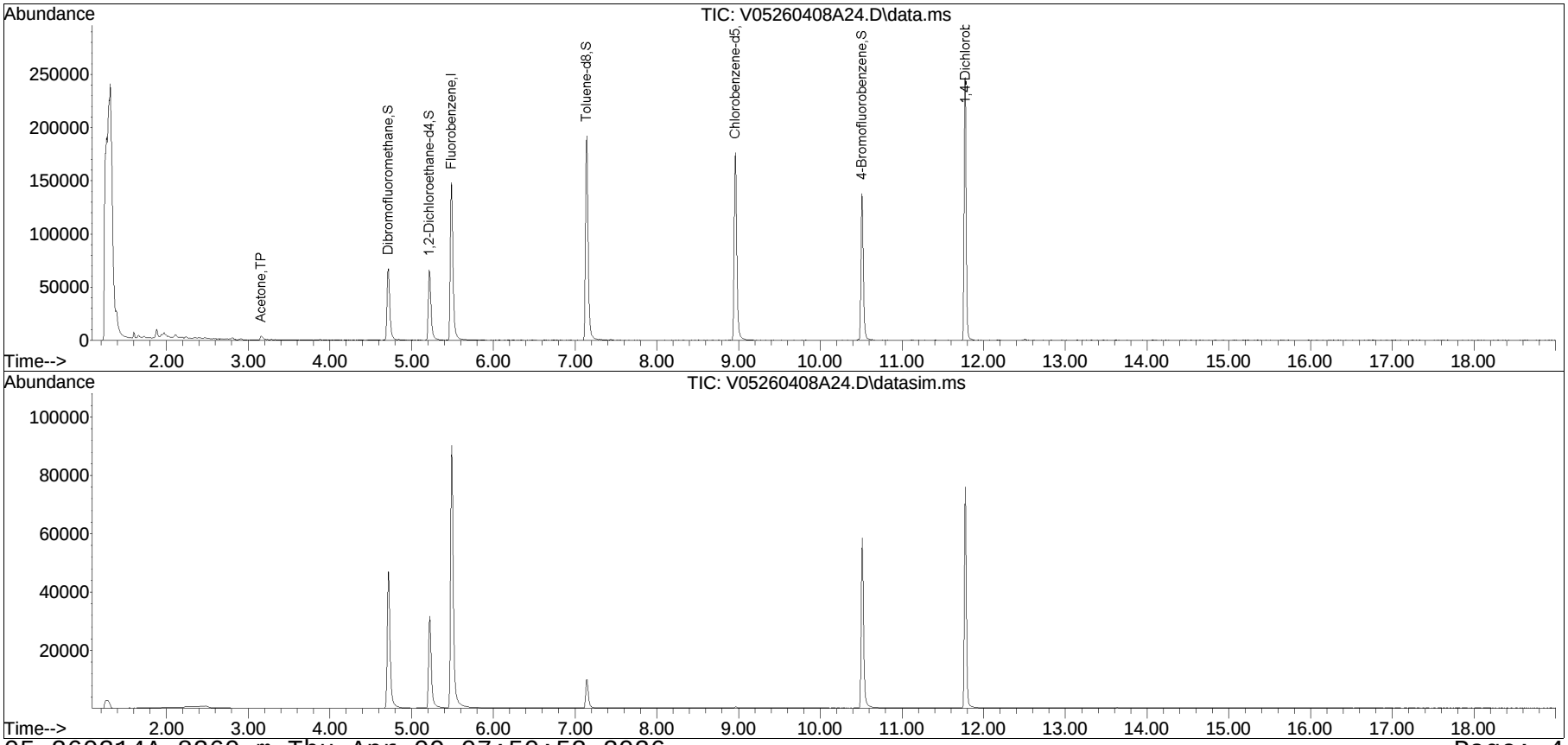
(#) = qualifier out of range (m) = manual integration (+) = signals summed

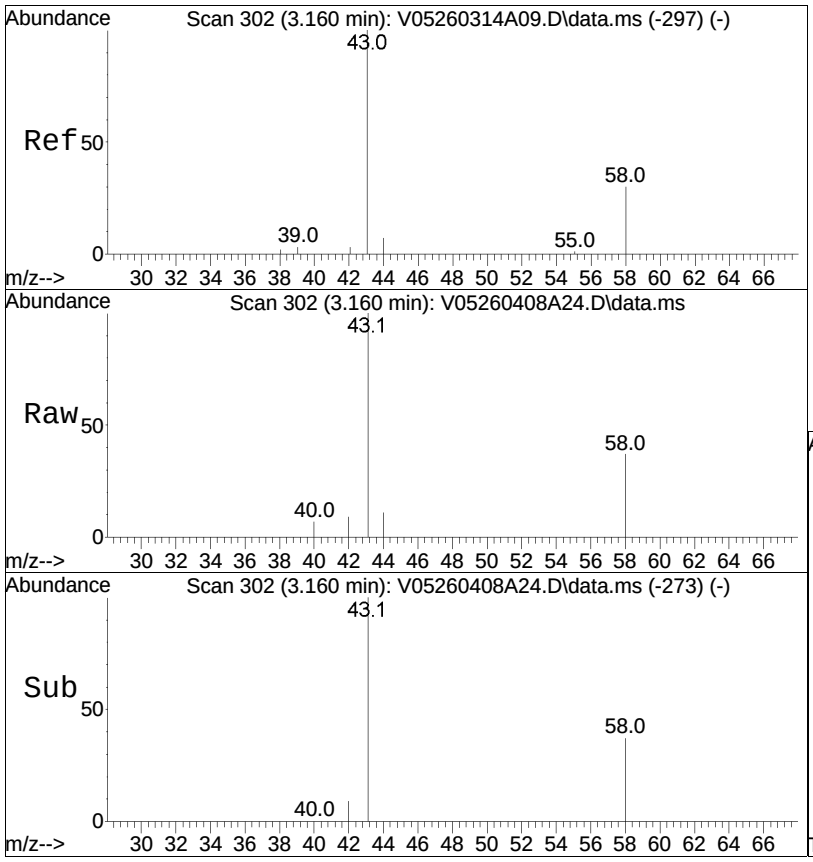
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A24.D
Acq On : 8 Apr 2026 7:03 pm
Operator : VOA105:MJV
Sample : l2617421-05,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 09 07:40:02 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•

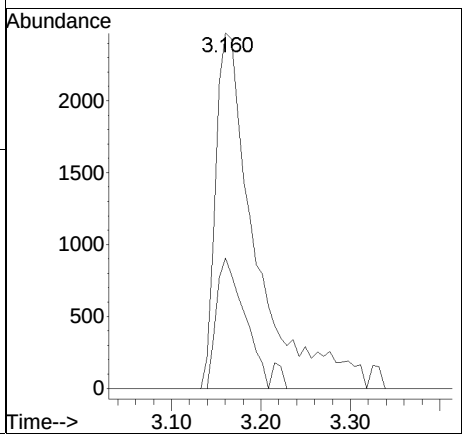




#17
Acetone
Concen: 11.40 ug/L
RT: 3.160 min Scan# 302
Delta R.T. 0.000 min
Lab File: V05260408A24.D
Acq: 8 Apr 2026 7:03 pm

Tgt Ion: 43 Resp: 7734

Ion	Ratio	Lower	Upper
43	100		
58	25.7	24.7	37.1



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A24.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 7:03 pm	Instrument	: VOA105
Sample	: l2617421-05,31,10,10,,a	Quant Date	: 4/9/2026 6:35 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A25.D
Acq On : 8 Apr 2026 7:29 pm
Operator : VOA105:MJV
Sample : l2617421-06,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 09 07:40:12 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	164600	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 77.26%			
59) Chlorobenzene-d5	8.964	117	130875	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 79.99%			
79) 1,4-Dichlorobenzene-d4	11.776	152	74946	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 73.75%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.718	113	51039	11.696	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.96%			
43) 1,2-Dichloroethane-d4	5.217	65	59138	11.111	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.11%			
60) Toluene-d8	7.143	98	164704	9.267	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.67%			
83) 4-Bromofluorobenzene	10.510	95	57727	8.112	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 81.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	1.973	64	66	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.215	43	67	N.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.		
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:\VOA105\2026\260408A\
Data File : V05260408A25.D
Acq On : 8 Apr 2026 7:29 pm
Operator : VOA105:MJV
Sample : l2617421-06,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 09 07:40:12 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

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.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	5.591	95	64		N.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	0.000		0		N.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.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
76) p/m Xylene	0.000		0		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	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		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.	

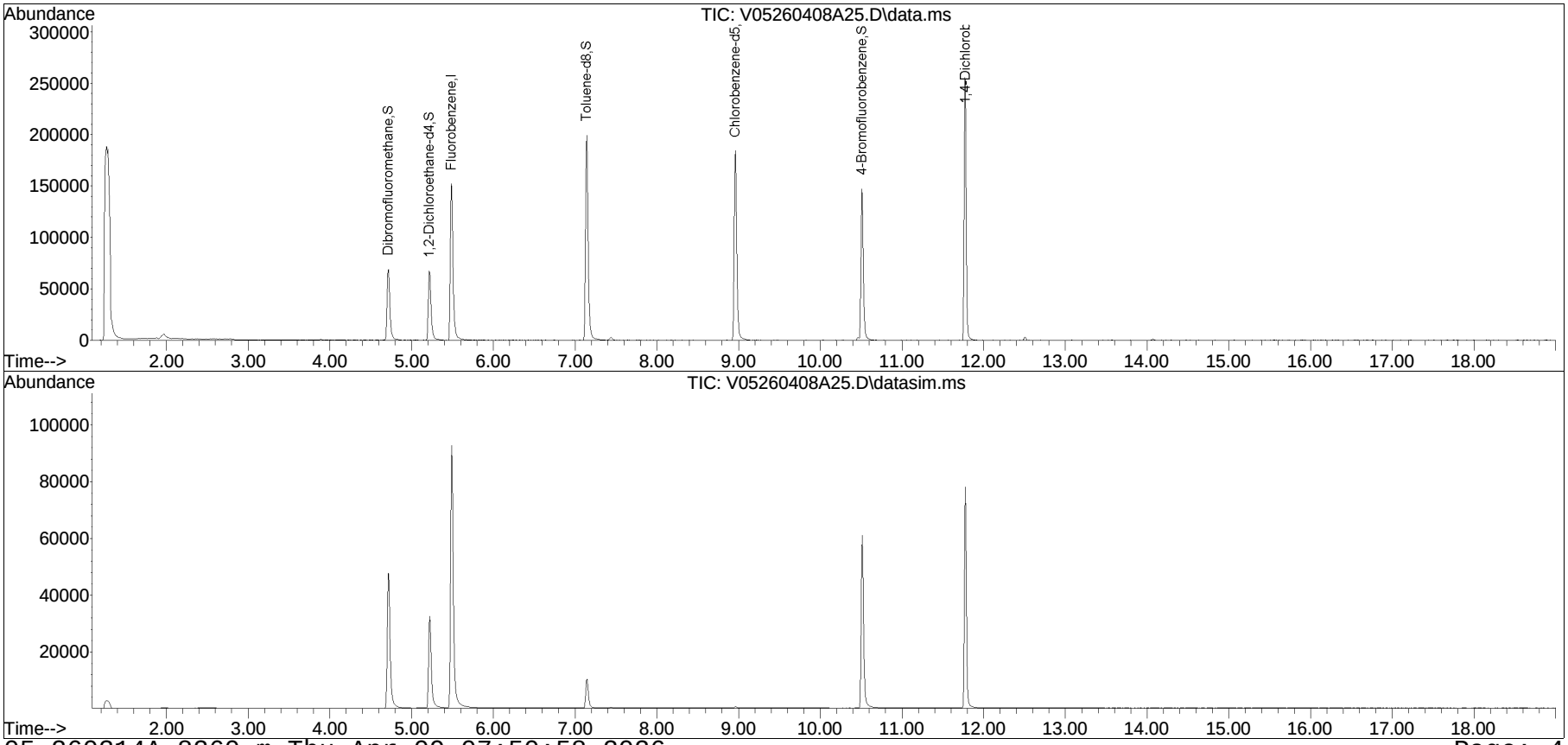
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A25.D
Acq On : 8 Apr 2026 7:29 pm
Operator : VOA105:MJV
Sample : l2617421-06,31,10,10,,a
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 09 07:40:12 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A25.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 7:29 pm	Instrument	: VOA105
Sample	: l2617421-06,31,10,10,,a	Quant Date	: 4/9/2026 6:35 am

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

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL23148**
Calibration dates	**: 03/14/26 14:08 03/14/26 18:23**		

Calibration Files

L11 =V05260314A03.D L1 =V05260314A05.D L2 =V05260314A07.D L3 =V05260314A09.D L4 =V05260314A10.D

L6 =V05260314A11.D L8 =V05260314A12.D L10 =V05260314A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.181	0.284	0.233	0.258	0.289	0.270	0.291	0.258	15.30
3)	TP	Chloromethane		0.296	0.342	0.314	0.316	0.326	0.313	0.330	0.320	4.66
4)	TP	Vinyl chloride	0.337	0.253	0.353	0.301	0.308	0.329	0.311	0.328	0.315	9.60
5)	TP	Bromomethane		0.133	0.160	0.152	0.153	0.162	0.167	0.182	0.158	9.55
6)	TP	Chloroethane		0.229	0.250	0.217	0.213	0.214	0.191	0.170	0.212	12.11
7)	TP	Trichlorofluor		0.255	0.412	0.352	0.375	0.410	0.378	0.402	0.369	14.82
8)	TP	Ethyl ether		0.120	0.134	0.118	0.121	0.123	0.124	0.125	0.124	4.19
10)	TP	1,1-Dichloroet		0.230	0.261	0.217	0.219	0.233	0.222	0.241	0.232	6.59
11)	TP	Carbon disulfide		0.635	0.822	0.740	0.748	0.807	0.778	0.829	0.765	8.75
12)	TP	Freon-113		0.140	0.242	0.201	0.222	0.241	0.228	0.245	0.217	17.22
13)	TP	Iodomethane		0.165	0.239	0.263	0.291	0.308	0.298	0.302	0.267	19.20
14)	TP	Acrolein			0.007	0.012	0.013	0.012	0.012	0.012	0.011	18.38
15)	TP	Methylene chlo		0.279	0.278	0.246	0.242	0.242	0.238	0.247	0.253	6.88
17)	TP	Acetone			0.052	0.038	0.039	0.040	0.042	0.043	0.042	11.89
18)	TP	trans-1,2-Dich		0.214	0.266	0.243	0.243	0.250	0.241	0.254	0.244	6.53
19)	TP	Methyl acetate			0.076	0.090	0.103	0.109	0.113	0.106	0.099	13.72
20)	TP	Methyl tert butyl ether		0.493	0.581	0.529	0.558	0.565	0.572	0.572	0.553	5.66
21)	TP	tert-Butyl alc			0.013	0.011	0.011	0.012	0.013	0.013	0.012	7.59
22)	TP	Diisopropyl ether		0.752	0.857	0.796	0.832	0.844	0.839	0.856	0.825	4.62
23)	TP	1,1-Dichloroet		0.452	0.544	0.498	0.493	0.496	0.480	0.499	0.495	5.57
24)	TP	Halothane		0.145	0.194	0.173	0.180	0.189	0.181	0.193	0.179	9.43
25)	TP	Acrylonitrile			0.060	0.055	0.057	0.059	0.061	0.061	0.059	3.95
26)	TP	Ethyl tert-but		0.619	0.705	0.664	0.702	0.715	0.721	0.734	0.694	5.74
27)	TP	Vinyl acetate			0.399	0.440	0.499	0.511	0.539	0.534	0.487	11.42
28)	TP	cis-1,2-Dichlo		0.239	0.302	0.276	0.271	0.273	0.266	0.278	0.272	6.80
29)	TP	2,2-Dichloropr		0.359	0.465	0.402	0.403	0.417	0.399	0.417	0.409	7.72
30)	TP	Bromochloromet		0.100	0.122	0.115	0.116	0.113	0.110	0.110	0.112	6.15
31)	TP	Cyclohexane		0.408	0.564	0.461	0.499	0.543	0.512	0.545	0.504	10.86
32)	TP	Chloroform		0.440	0.506	0.452	0.451	0.451	0.439	0.454	0.456	5.00
33)	TP	Ethyl acetate			0.130	0.140	0.157	0.162	0.169	0.165	0.154	9.98
34)	TP	Carbon tetrachloride	0.368	0.260	0.396	0.346	0.359	0.388	0.370	0.395	0.360	12.22
35)	TP	Tetrahydrofuran			0.062	0.054	0.048	0.048	0.049	0.047	0.051	11.07
36)	S	Dibromofluoromethane	0.277	0.279	0.274	0.268	0.258	0.256	0.255	0.254	0.265	3.98
37)	TP	1,1,1-Trichlor		0.343	0.440	0.394	0.405	0.422	0.403	0.426	0.405	7.74
39)	TP	2-Butanone			0.053	0.057	0.062	0.066	0.069	0.067	0.062	9.86

Initial Calibration Summary
Form 6
Volatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL23148**
Calibration dates	**: 03/14/26 14:08 03/14/26 18:23**		

Calibration Files

L11 =V05260314A03.D L1 =V05260314A05.D L2 =V05260314A07.D L3 =V05260314A09.D L4 =V05260314A10.D

L6 =V05260314A11.D L8 =V05260314A12.D L10 =V05260314A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40)	TP	1,1-Dichloropr		0.252	0.371	0.336	0.345	0.362	0.347	0.367	0.340	12.06
41)	TP	Benzene	1.033	0.883	1.074	0.977	0.965	0.978	0.942	0.982	0.979	5.84
42)	TP	Tertiary-Amyl Methyl Ether		0.474	0.561	0.512	0.541	0.560	0.572	0.581	0.543	7.00
43)	S	1,2-Dichloroethane-d4	0.325	0.334	0.338	0.335	0.309	0.313	0.310	0.324	0.323	3.55
44)	TP	1,2-Dichloroethane	0.317	0.314	0.367	0.327	0.332	0.329	0.326	0.334	0.331	4.97
47)	TP	Methyl cyclohe		0.307	0.450	0.388	0.438	0.476	0.457	0.478	0.427	14.32
48)	TP	Trichloroethene	0.358	0.246	0.283	0.253	0.259	0.271	0.262	0.282	0.277	12.81
50)	TP	Dibromomethane		0.119	0.143	0.129	0.133	0.135	0.135	0.138	0.133	5.58
51)	TP	1,2-Dichloropr		0.238	0.280	0.265	0.269	0.270	0.265	0.274	0.266	5.11
53)	TP	2-Chloroethyl		0.093	0.127	0.121	0.130	0.135	0.136	0.139	0.126	12.42
54)	TP	Bromodichlorom		0.330	0.366	0.339	0.343	0.350	0.345	0.359	0.347	3.46
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.46
58)	TP	cis-1,3-Dichloropropene	0.293	0.314	0.403	0.386	0.404	0.412	0.409	0.424	0.381	12.96
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.353	1.365	1.373	1.368	1.371	1.358	1.344	1.332	1.358	1.06
61)	TP	Toluene		0.766	0.886	0.828	0.853	0.868	0.836	0.872	0.844	4.75
62)	TP	4-Methyl-2-pen			0.079	0.068	0.075	0.075	0.079	0.076	0.075	5.54
63)	TP	Tetrachloroethene	0.306	0.280	0.378	0.350	0.371	0.388	0.371	0.386	0.354	11.24
65)	TP	trans-1,3-Dichloropropene	0.320	0.341	0.437	0.430	0.467	0.468	0.459	0.460	0.423	13.86
67)	TP	Ethyl methacry		0.285	0.307	0.282	0.295	0.300	0.306	0.300	0.296	3.31
68)	TP	1,1,2-Trichlor		0.189	0.216	0.195	0.205	0.205	0.203	0.205	0.203	4.16
69)	TP	Chlorodibromom		0.243	0.301	0.287	0.316	0.319	0.317	0.318	0.300	9.32
70)	TP	1,3-Dichloropr		0.371	0.438	0.417	0.440	0.437	0.429	0.427	0.423	5.67
71)	TP	1,2-Dibromoethane		0.189	0.237	0.223	0.243	0.243	0.240	0.241	0.231	8.55
72)	TP	2-Hexanone			0.121	0.114	0.126	0.129	0.134	0.128	0.126	5.54
73)	TP	Chlorobenzene		0.794	0.966	0.898	0.925	0.930	0.904	0.936	0.908	6.03
74)	TP	Ethylbenzene		1.498	1.780	1.638	1.693	1.730	1.669	1.731	1.677	5.45
75)	TP	1,1,1,2-Tetrac		0.261	0.320	0.307	0.331	0.333	0.324	0.331	0.315	8.11
76)	TP	p/m Xylene		0.539	0.664	0.612	0.634	0.644	0.629	0.656	0.626	6.71
77)	TP	o Xylene		0.526	0.644	0.584	0.608	0.623	0.613	0.634	0.605	6.58
78)	TP	Styrene		0.817	0.998	0.945	1.015	1.039	1.024	1.034	0.982	8.08
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.270	0.302	0.299	0.333	0.345	0.349	0.353	0.322	9.85
82)	TP	Isopropylbenzene		2.818	3.325	3.122	3.264	3.378	3.322	3.443	3.239	6.52
83)	S	4-Bromofluorobenzene	0.943	0.941	0.940	0.971	0.941	0.953	0.949	0.959	0.950	1.14
84)	TP	Bromobenzene		0.573	0.658	0.635	0.660	0.667	0.655	0.684	0.648	5.53

Initial Calibration Summary
Form 6
Volatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL23148**
Calibration dates	**: 03/14/26 14:08 03/14/26 18:23**		

Calibration Files
L11 =V05260314A03.D L1 =V05260314A05.D L2 =V05260314A07.D L3 =V05260314A09.D L4 =V05260314A10.D
L6 =V05260314A11.D L8 =V05260314A12.D L10 =V05260314A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85)	TP	n-Propylbenzene		3.105	3.666	3.468	3.637	3.775	3.679	3.835	3.595	6.81
86)	TP	1,4-Dichlorobu		0.898	0.913	0.831	0.870	0.877	0.881	0.898	0.881	3.00
87)	TP	1,1,2,2-Tetrachloroethane	0.427	0.463	0.501	0.472	0.495	0.504	0.517	0.521	0.487	6.49
88)	TP	4-Ethyltoluene		2.495	3.001	2.803	2.941	2.988	2.909	3.024	2.880	6.43
89)	TP	2-Chlorotoluene		1.843	2.149	2.027	2.098	2.128	2.085	2.137	2.067	5.16
90)	TP	1,3,5-Trimethy		2.260	2.507	2.415	2.541	2.557	2.497	2.592	2.481	4.53
91)	TP	1,2,3-Trichlor		0.373	0.411	0.383	0.404	0.414	0.425	0.431	0.406	5.21
92)	TP	trans-1,4-Dich		0.142	0.185	0.169	0.176	0.172	0.180	0.178	0.172	8.14
93)	TP	4-Chlorotoluene		2.003	2.238	2.054	2.161	2.177	2.141	2.270	2.149	4.42
94)	TP	tert-Butylbenzene		1.769	2.116	1.976	2.111	2.187	2.140	2.216	2.073	7.44
97)	TP	1,2,4-Trimethy		2.120	2.494	2.372	2.505	2.494	2.458	2.541	2.426	5.97
98)	TP	sec-Butylbenzene		2.546	3.101	2.879	3.096	3.224	3.163	3.208	3.031	8.01
99)	TP	p-Isopropyltol		2.172	2.588	2.490	2.672	2.745	2.677	2.693	2.577	7.64
100)	TP	1,3-Dichlorobe		1.118	1.286	1.250	1.325	1.333	1.311	1.360	1.283	6.31
101)	TP	1,4-Dichlorobe		1.149	1.383	1.259	1.321	1.322	1.292	1.347	1.296	5.85
102)	TP	p-Diethylbenzene		1.234	1.491	1.459	1.553	1.610	1.569	1.589	1.501	8.61
103)	TP	n-Butylbenzene		1.960	2.320	2.200	2.392	2.476	2.413	2.412	2.310	7.69
104)	TP	1,2-Dichlorobe		1.059	1.174	1.109	1.173	1.172	1.165	1.202	1.151	4.25
105)	TP	1,2,4,5-Tetram		1.813	2.102	2.103	2.265	2.361	2.343	2.308	2.185	8.95
106)	TP	1,2-Dibromo-3-		0.060	0.063	0.066	0.071	0.072	0.076	0.075	0.069	8.96
107)	TP	1,3,5-Trichlor		0.748	0.850	0.837	0.887	0.900	0.871	0.848	0.849	5.89
108)	TP	Hexachlorobuta		0.247	0.309	0.302	0.328	0.344	0.333	0.328	0.313	10.38
109)	TP	1,2,4-Trichlor		0.599	0.716	0.696	0.737	0.737	0.725	0.699	0.701	6.82
110)	TP	Naphthalene		1.239	1.448	1.337	1.430	1.431	1.466	1.421	1.396	5.75
111)	TP	1,2,3-Trichlor		0.507	0.592	0.547	0.580	0.588	0.590	0.562	0.567	5.49

Response Factor Report VOA105

Method Path : K:\VOA105\2026\260314AICAL\
Method File : V105_260314A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Mar 16 07:06:09 2026
Response Via : Initial Calibration

Calibration Files
L11 =V05260314A03.D L1 =V05260314A05.D L2 =V05260314A07.D L3 =V05260314A09.D L4 =V05260314A10.D
L6 =V05260314A11.D L8 =V05260314A12.D L10 =V05260314A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo...		0.181	0.284	0.233	0.258	0.289	0.270	0.291	0.258	15.30
3)	TP	Chloromethane		0.296	0.342	0.314	0.316	0.326	0.313	0.330	0.320	4.66
4)	TP	Vinyl chloride	0.337	0.253	0.353	0.301	0.308	0.329	0.311	0.328	0.315	9.60
5)	TP	Bromomethane		0.133	0.160	0.152	0.153	0.162	0.167	0.182	0.158	9.55
6)	TP	Chloroethane		0.229	0.250	0.217	0.213	0.214	0.191	0.170	0.212	12.11
7)	TP	Trichlorofluor...		0.255	0.412	0.352	0.375	0.410	0.378	0.402	0.369	14.82
8)	TP	Ethyl ether		0.120	0.134	0.118	0.121	0.123	0.124	0.125	0.124	4.19
10)	TP	1,1-Dichloroet...		0.230	0.261	0.217	0.219	0.233	0.222	0.241	0.232	6.59
11)	TP	Carbon disulfide		0.635	0.822	0.740	0.748	0.807	0.778	0.829	0.765	8.75
12)	TP	Freon-113		0.140	0.242	0.201	0.222	0.241	0.228	0.245	0.217	17.22
13)	TP	Iodomethane		0.165	0.239	0.263	0.291	0.308	0.298	0.302	0.267	19.20
14)	TP	Acrolein			0.007	0.012	0.013	0.012	0.012	0.012	0.011	18.38
15)	TP	Methylene chlo...		0.279	0.278	0.246	0.242	0.242	0.238	0.247	0.253	6.88
17)	TP	Acetone			0.052	0.038	0.039	0.040	0.042	0.043	0.042	11.89
18)	TP	trans-1,2-Dich...		0.214	0.266	0.243	0.243	0.250	0.241	0.254	0.244	6.53
19)	TP	Methyl acetate			0.076	0.090	0.103	0.109	0.113	0.106	0.099	13.72
20)	TP	Methyl tert-bu...		0.493	0.581	0.529	0.558	0.565	0.572	0.572	0.553	5.66
21)	TP	tert-Butyl alc...			0.013	0.011	0.011	0.012	0.013	0.013	0.012	7.59
22)	TP	Diisopropyl ether		0.752	0.857	0.796	0.832	0.844	0.839	0.856	0.825	4.62
23)	TP	1,1-Dichloroet...		0.452	0.544	0.498	0.493	0.496	0.480	0.499	0.495	5.57
24)	TP	Halothane		0.145	0.194	0.173	0.180	0.189	0.181	0.193	0.179	9.43
25)	TP	Acrylonitrile			0.060	0.055	0.057	0.059	0.061	0.061	0.059	3.95
26)	TP	Ethyl tert-but...		0.619	0.705	0.664	0.702	0.715	0.721	0.734	0.694	5.74
27)	TP	Vinyl acetate			0.399	0.440	0.499	0.511	0.539	0.534	0.487	11.42
28)	TP	cis-1,2-Dichlo...		0.239	0.302	0.276	0.271	0.273	0.266	0.278	0.272	6.80
29)	TP	2,2-Dichloropr...		0.359	0.465	0.402	0.403	0.417	0.399	0.417	0.409	7.72
30)	TP	Bromochloromet...		0.100	0.122	0.115	0.116	0.113	0.110	0.110	0.112	6.15
31)	TP	Cyclohexane		0.408	0.564	0.461	0.499	0.543	0.512	0.545	0.504	10.86
32)	TP	Chloroform		0.440	0.506	0.452	0.451	0.451	0.439	0.454	0.456	5.00
33)	TP	Ethyl acetate			0.130	0.140	0.157	0.162	0.169	0.165	0.154	9.98

Response Factor Report VOA105

Method Path : K:\VOA105\2026\260314AICAL\
Method File : V105_260314A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Mar 16 07:06:09 2026
Response Via : Initial Calibration

Calibration Files
L11 =V05260314A03.D L1 =V05260314A05.D L2 =V05260314A07.D L3 =V05260314A09.D L4 =V05260314A10.D
L6 =V05260314A11.D L8 =V05260314A12.D L10 =V05260314A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP	Carbon tetrach...	0.368	0.260	0.396	0.346	0.359	0.388	0.370	0.395	0.360	12.22
35)	TP	Tetrahydrofuran			0.062	0.054	0.048	0.048	0.049	0.047	0.051	11.07
36)	S	Dibromofluorom...	0.277	0.279	0.274	0.268	0.258	0.256	0.255	0.254	0.265	3.98
37)	TP	1,1,1-Trichlor...		0.343	0.440	0.394	0.405	0.422	0.403	0.426	0.405	7.74
39)	TP	2-Butanone			0.053	0.057	0.062	0.066	0.069	0.067	0.062	9.86
40)	TP	1,1-Dichloropr...		0.252	0.371	0.336	0.345	0.362	0.347	0.367	0.340	12.06
41)	TP	Benzene	1.033	0.883	1.074	0.977	0.965	0.978	0.942	0.982	0.979	5.84
42)	TP	tert-Amyl meth...		0.474	0.561	0.512	0.541	0.560	0.572	0.581	0.543	7.00
43)	S	1,2-Dichloroet...	0.325	0.334	0.338	0.335	0.309	0.313	0.310	0.324	0.323	3.55
44)	TP	1,2-Dichloroet...	0.317	0.314	0.367	0.327	0.332	0.329	0.326	0.334	0.331	4.97
47)	TP	Methyl cyclohe...		0.307	0.450	0.388	0.438	0.476	0.457	0.478	0.427	14.32
48)	TP	Trichloroethene	0.358	0.246	0.283	0.253	0.259	0.271	0.262	0.282	0.277	12.81
50)	TP	Dibromomethane		0.119	0.143	0.129	0.133	0.135	0.135	0.138	0.133	5.58
51)	TP	1,2-Dichloropr...		0.238	0.280	0.265	0.269	0.270	0.265	0.274	0.266	5.11
53)	TP	2-Chloroethyl ...		0.093	0.127	0.121	0.130	0.135	0.136	0.139	0.126	12.42
54)	TP	Bromodichlorom...		0.330	0.366	0.339	0.343	0.350	0.345	0.359	0.347	3.46
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.46
58)	TP	cis-1,3-Dichlo...	0.293	0.314	0.403	0.386	0.404	0.412	0.409	0.424	0.381	12.96
59)	I	Chlorobenzene-d5	----------	ISTD	----------							
60)	S	Toluene-d8	1.353	1.365	1.373	1.368	1.371	1.358	1.344	1.332	1.358	1.06
61)	TP	Toluene		0.766	0.886	0.828	0.853	0.868	0.836	0.872	0.844	4.75
62)	TP	4-Methyl-2-pen...			0.079	0.068	0.075	0.075	0.079	0.076	0.075	5.54
63)	TP	Tetrachloroethene	0.306	0.280	0.378	0.350	0.371	0.388	0.371	0.386	0.354	11.24
65)	TP	trans-1,3-Dich...	0.320	0.341	0.437	0.430	0.467	0.468	0.459	0.460	0.423	13.86
67)	TP	Ethyl methacry...		0.285	0.307	0.282	0.295	0.300	0.306	0.300	0.296	3.31
68)	TP	1,1,2-Trichlor...		0.189	0.216	0.195	0.205	0.205	0.203	0.205	0.203	4.16
69)	TP	Chlorodibromom...		0.243	0.301	0.287	0.316	0.319	0.317	0.318	0.300	9.32
70)	TP	1,3-Dichloropr...		0.371	0.438	0.417	0.440	0.437	0.429	0.427	0.423	5.67
71)	TP	1,2-Dibromoethane		0.189	0.237	0.223	0.243	0.243	0.240	0.241	0.231	8.55
72)	TP	2-Hexanone			0.121	0.114	0.126	0.129	0.134	0.128	0.126	5.54
73)	TP	Chlorobenzene		0.794	0.966	0.898	0.925	0.930	0.904	0.936	0.908	6.03

Response Factor Report VOA105

Method Path : K:\VOA105\2026\260314AICAL\
Method File : V105_260314A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Mar 16 07:06:09 2026
Response Via : Initial Calibration

Calibration Files
L11 =V05260314A03.D L1 =V05260314A05.D L2 =V05260314A07.D L3 =V05260314A09.D L4 =V05260314A10.D
L6 =V05260314A11.D L8 =V05260314A12.D L10 =V05260314A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
74)	TP	Ethylbenzene		1.498	1.780	1.638	1.693	1.730	1.669	1.731	1.677	5.45
75)	TP	1,1,1,2-Tetrac...		0.261	0.320	0.307	0.331	0.333	0.324	0.331	0.315	8.11
76)	TP	p/m Xylene		0.539	0.664	0.612	0.634	0.644	0.629	0.656	0.626	6.71
77)	TP	o Xylene		0.526	0.644	0.584	0.608	0.623	0.613	0.634	0.605	6.58
78)	TP	Styrene		0.817	0.998	0.945	1.015	1.039	1.024	1.034	0.982	8.08
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.270	0.302	0.299	0.333	0.345	0.349	0.353	0.322	9.85
82)	TP	Isopropylbenzene		2.818	3.325	3.122	3.264	3.378	3.322	3.443	3.239	6.52
83)	S	4-Bromofluorob...	0.943	0.941	0.940	0.971	0.941	0.953	0.949	0.959	0.950	1.14
84)	TP	Bromobenzene		0.573	0.658	0.635	0.660	0.667	0.655	0.684	0.648	5.53
85)	TP	n-Propylbenzene		3.105	3.666	3.468	3.637	3.775	3.679	3.835	3.595	6.81
86)	TP	1,4-Dichlorobu...		0.898	0.913	0.831	0.870	0.877	0.881	0.898	0.881	3.00
87)	TP	1,1,2,2-Tetrac...	0.427	0.463	0.501	0.472	0.495	0.504	0.517	0.521	0.487	6.49
88)	TP	4-Ethyltoluene		2.495	3.001	2.803	2.941	2.988	2.909	3.024	2.880	6.43
89)	TP	2-Chlorotoluene		1.843	2.149	2.027	2.098	2.128	2.085	2.137	2.067	5.16
90)	TP	1,3,5-Trimethy...		2.260	2.507	2.415	2.541	2.557	2.497	2.592	2.481	4.53
91)	TP	1,2,3-Trichlor...		0.373	0.411	0.383	0.404	0.414	0.425	0.431	0.406	5.21
92)	TP	trans-1,4-Dich...		0.142	0.185	0.169	0.176	0.172	0.180	0.178	0.172	8.14
93)	TP	4-Chlorotoluene		2.003	2.238	2.054	2.161	2.177	2.141	2.270	2.149	4.42
94)	TP	tert-Butylbenzene		1.769	2.116	1.976	2.111	2.187	2.140	2.216	2.073	7.44
97)	TP	1,2,4-Trimethy...		2.120	2.494	2.372	2.505	2.494	2.458	2.541	2.426	5.97
98)	TP	sec-Butylbenzene		2.546	3.101	2.879	3.096	3.224	3.163	3.208	3.031	8.01
99)	TP	p-Isopropyltol...		2.172	2.588	2.490	2.672	2.745	2.677	2.693	2.577	7.64
100)	TP	1,3-Dichlorobe...		1.118	1.286	1.250	1.325	1.333	1.311	1.360	1.283	6.31
101)	TP	1,4-Dichlorobe...		1.149	1.383	1.259	1.321	1.322	1.292	1.347	1.296	5.85
102)	TP	p-Diethylbenzene		1.234	1.491	1.459	1.553	1.610	1.569	1.589	1.501	8.61
103)	TP	n-Butylbenzene		1.960	2.320	2.200	2.392	2.476	2.413	2.412	2.310	7.69
104)	TP	1,2-Dichlorobe...		1.059	1.174	1.109	1.173	1.172	1.165	1.202	1.151	4.25
105)	TP	1,2,4,5-Tetram...		1.813	2.102	2.103	2.265	2.361	2.343	2.308	2.185	8.95
106)	TP	1,2-Dibromo-3-...		0.060	0.063	0.066	0.071	0.072	0.076	0.075	0.069	8.96
107)	TP	1,3,5-Trichlor...		0.748	0.850	0.837	0.887	0.900	0.871	0.848	0.849	5.89

Method Path : K:\VOA105\2026\260314AICAL\
Method File : V105_260314A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Mar 16 07:06:09 2026
Response Via : Initial Calibration

Calibration Files
L11 =V05260314A03.D L1 =V05260314A05.D L2 =V05260314A07.D L3 =V05260314A09.D L4 =V05260314A10.D
L6 =V05260314A11.D L8 =V05260314A12.D L10 =V05260314A13.D

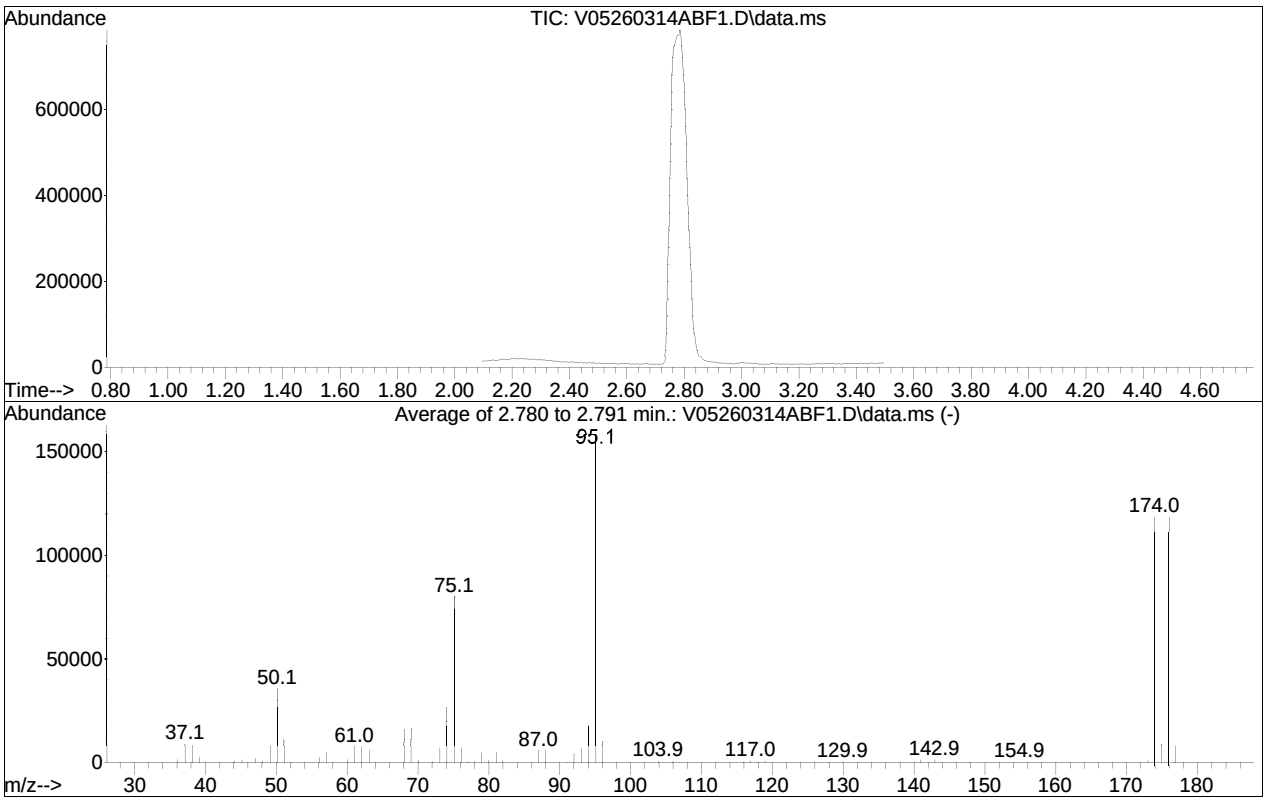
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
108) TP	Hexachlorobuta...	0.247	0.309	0.302	0.328	0.344	0.333	0.328	0.313	10.38	
109) TP	1,2,4-Trichlor...	0.599	0.716	0.696	0.737	0.737	0.725	0.699	0.701	6.82	
110) TP	Naphthalene	1.239	1.448	1.337	1.430	1.431	1.466	1.421	1.396	5.75	
111) TP	1,2,3-Trichlor...	0.507	0.592	0.547	0.580	0.588	0.590	0.562	0.567	5.49	

(#) = Out of Range

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314ABF1.D
Acq On : 14 Mar 2026 1:04 pm
Operator : VOA105:PID
Sample : WG2185594-1
Misc : WG2185594
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Mar 16 07:06:09 2026



AutoFind: Scans 127, 128, 129; Background Corrected with Scan 114

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.1	35827	PASS
75	95	30	60	51.7	80200	PASS
95	95	100	100	100.0	155072	PASS
96	95	5	9	6.6	10256	PASS
173	174	0.00	2	1.0	1141	PASS
174	95	50	100	76.5	118600	PASS
175	174	5	9	7.8	9249	PASS
176	174	95	101	99.9	118507	PASS
177	176	5	9	6.6	7786	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A03.D
Acq On : 14 Mar 2026 2:08 pm
Operator : VOA105:PID
Sample : I8260STD0.19PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 16 06:56:20 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-L11_NJnew - L11 new NJ

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	359969	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 101.59%			
59) Chlorobenzene-d5	8.957	117	271425	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 103.66%			
79) 1,4-Dichlorobenzene-d4	11.769	152	152178	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 106.96%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.712	113	99806	10.337	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.37%			
43) 1,2-Dichloroethane-d4	5.217	65	116847	9.700	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.00%			
60) Toluene-d8	7.136	98	367339	9.893	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.93%			
83) 4-Bromofluorobenzene	10.510	95	143492	9.713	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.13%			
Target Compounds						Qvalue
4) Vinyl chloride	1.644	62	2306	0.213	ug/L	96
34) Carbon tetrachloride	4.657	117	2518	0.202	ug/L	94
41) Benzene	5.083	78	7063	0.201	ug/L	97
44) 1,2-Dichloroethane	5.295	62	2165	0.184	ug/L #	95
48) Trichloroethene	5.662	95	2451	0.269	ug/L #	78
58) cis-1,3-Dichloropropene	6.967	75	2001	0.144	ug/L #	78
63) Tetrachloroethene	7.644	166	1580	0.166	ug/L	93
65) trans-1,3-Dichloropropene	7.708	75	1652	0.142	ug/L #	71
87) 1,1,2,2-Tetrachloroethane	10.786	83	1234	0.172	ug/L #	95

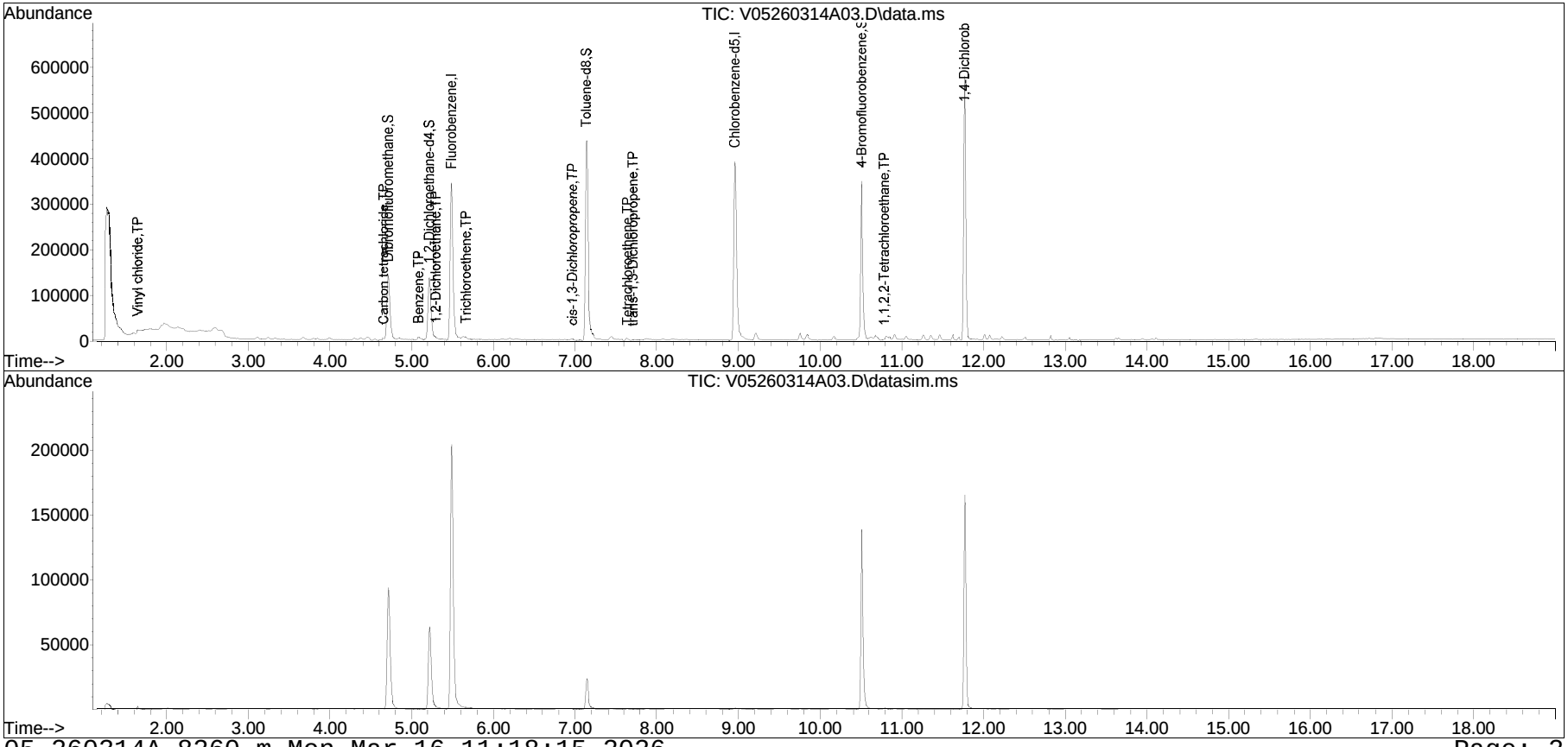
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A03.D
Acq On : 14 Mar 2026 2:08 pm
Operator : VOA105:PID
Sample : I8260STD0.19PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 16 06:56:20 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

Sub List : 8260-L11_NJnew - L11 new NJCAL\V05260314A09.D•



Manual Integration Report

Data Path	: K:\VOA105\2026\260314AICALQ	Method	: V105_260314A_8260.m
Data File	: V05260314A03.D	Operator	: VOA105:PID
Date Inj'd	: 3/14/2026 2:08 pm	Instrument	: VOA105
Sample	: I8260STD0.19PPB	Quant Date	: 3/16/2026 6:53 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A05.D
Acq On : 14 Mar 2026 2:59 pm
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 06:58:41 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.485	96	352993	10.000 ug/L	0.00
Standard Area 1 = 354318			Recovery = 99.63%		
59) Chlorobenzene-d5	8.956	117	263743	10.000 ug/L	0.00
Standard Area 1 = 261847			Recovery = 100.72%		
79) 1,4-Dichlorobenzene-d4	11.769	152	150890	10.000 ug/L	0.00
Standard Area 1 = 142275			Recovery = 106.06%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.718	113	98387	10.391 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.91%		
43) 1,2-Dichloroethane-d4	5.217	65	117728	9.966 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.66%		
60) Toluene-d8	7.143	98	360104	9.980 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.80%		
83) 4-Bromofluorobenzene	10.510	95	142061	9.698 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.98%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.424	85	3195	0.388 ug/L	87
3) Chloromethane	1.595	50	5221	0.472 ug/L	90
4) Vinyl chloride	1.650	62	4463	0.420 ug/L	95
5) Bromomethane	1.918	94	2349	0.438 ug/L #	77
6) Chloroethane	2.014	64	4049M1	0.528 ug/L	
7) Trichlorofluoromethane	2.137	101	4502	0.362 ug/L	96
8) Ethyl ether	2.412	74	2113	0.507 ug/L	94
10) 1,1-Dichloroethene	2.577	96	4068	0.532 ug/L #	76
11) Carbon disulfide	2.604	76	11213	0.429 ug/L #	87
12) Freon-113	2.611	101	2468	0.348 ug/L #	68
13) Iodomethane	2.707	142	2908	0.314 ug/L	96
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.098	84	4922	0.567 ug/L	97
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	3.243	96	3771	0.439 ug/L	98
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.332	73	8696	0.466 ug/L #	72
21) tert-Butyl alcohol	0.000		0	N.D. d	
22) Diisopropyl ether	3.668	45	13278	0.472 ug/L	96
23) 1,1-Dichloroethane	3.792	63	7974	0.454 ug/L	97
24) Halothane	3.853	117	2560	0.419 ug/L	89

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A05.D
Acq On : 14 Mar 2026 2:59 pm
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 06:58:41 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Acrylonitrile	0.000		0	N.D. d	
26) Ethyl tert-butyl ether	3.998	59	10917	0.466 ug/L #	57
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.300	96	4224	0.434 ug/L	91
29) 2,2-Dichloropropane	4.375	77	6331	0.446 ug/L	93
30) Bromochloromethane	4.478	128	1764	0.436 ug/L #	77
31) Cyclohexane	4.451	56	7193	0.442 ug/L	94
32) Chloroform	4.554	83	7772	0.487 ug/L	96
33) Ethyl acetate	0.000		0	N.D. d	
34) Carbon tetrachloride	4.657	117	4596M6	0.376 ug/L	
35) Tetrahydrofuran	0.000		0	N.D. d	
37) 1,1,1-Trichloroethane	4.718	97	6057	0.436 ug/L	97
39) 2-Butanone	0.000		0	N.D. d	
40) 1,1-Dichloropropene	4.842	75	4442	0.375 ug/L	94
41) Benzene	5.083	78	15578	0.452 ug/L	99
42) tert-Amyl methyl ether	5.189	73	8364	0.463 ug/L	95
44) 1,2-Dichloroethane	5.295	62	5537	0.480 ug/L	97
47) Methyl cyclohexane	5.633	83	5410	0.395 ug/L #	69
48) Trichloroethene	5.668	95	4333	0.484 ug/L	88
50) Dibromomethane	6.099	93	2106	0.463 ug/L	95
51) 1,2-Dichloropropane	6.191	63	4192	0.449 ug/L	96
53) 2-Chloroethyl vinyl ether	6.910	63	1648	0.384 ug/L #	83
54) Bromodichloromethane	6.275	83	5821	0.486 ug/L #	94
57) 1,4-Dioxane	6.494	88	4019M6	93.028 ug/L	
58) cis-1,3-Dichloropropene	6.953	75	5535	0.406 ug/L	88
61) Toluene	7.207	92	10099	0.463 ug/L	98
62) 4-Methyl-2-pentanone	0.000		0	N.D. d	
63) Tetrachloroethene	7.637	166	3698	0.400 ug/L	98
65) trans-1,3-Dichloropropene	7.708	75	4502	0.397 ug/L #	66
67) Ethyl methacrylate	7.891	69	3754	0.505 ug/L	87
68) 1,1,2-Trichloroethane	7.877	83	2493	0.484 ug/L	93
69) Chlorodibromomethane	8.082	129	3199	0.423 ug/L	98
70) 1,3-Dichloropropane	8.194	76	4898	0.446 ug/L	97
71) 1,2-Dibromoethane	8.357	107	2488	0.422 ug/L	96
72) 2-Hexanone	0.000		0	N.D. d	
73) Chlorobenzene	8.978	112	10474	0.442 ug/L #	72
74) Ethylbenzene	9.027	91	19752M4	0.457 ug/L	
75) 1,1,1,2-Tetrachloroethane	9.069	131	3441	0.425 ug/L #	86
76) p/m Xylene	9.210	106	14207	0.880 ug/L	92
77) o Xylene	9.747	106	13861	0.900 ug/L	93

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A05.D
Acq On : 14 Mar 2026 2:59 pm
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 06:58:41 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	9.831	104	21553	0.865	ug/L		99
80) Bromoform	9.853	173	2035	0.451	ug/L		85
82) Isopropylbenzene	10.156	105	21257	0.451	ug/L		91
84) Bromobenzene	10.630	156	4325	0.451	ug/L		99
85) n-Propylbenzene	10.679	91	23429	0.448	ug/L		94
86) 1,4-Dichlorobutane	10.708	55	6772	0.540	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.786	83	3495	0.491	ug/L		96
88) 4-Ethyltoluene	10.814	105	18821	0.445	ug/L		100
89) 2-Chlorotoluene	10.849	91	13908M6	0.455	ug/L		
90) 1,3,5-Trimethylbenzene	10.913	105	17048	0.468	ug/L		96
91) 1,2,3-Trichloropropane	10.920	75	2814	0.487	ug/L		98
92) trans-1,4-Dichloro-2-b...	10.998	53	1074	0.422	ug/L	#	83
93) 4-Chlorotoluene	11.047	91	15108	0.487	ug/L		91
94) tert-Butylbenzene	11.267	119	13347	0.448	ug/L		94
97) 1,2,4-Trimethylbenzene	11.351	105	15998	0.447	ug/L		99
98) sec-Butylbenzene	11.465	105	19210	0.442	ug/L		99
99) p-Isopropyltoluene	11.627	119	16384	0.436	ug/L		97
100) 1,3-Dichlorobenzene	11.698	146	8433	0.447	ug/L		98
101) 1,4-Dichlorobenzene	11.790	146	8667M3	0.456	ug/L		
102) p-Diethylbenzene	12.016	119	9310	0.423	ug/L		97
103) n-Butylbenzene	12.073	91	14790	0.446	ug/L		97
104) 1,2-Dichlorobenzene	12.221	146	7993	0.478	ug/L		95
105) 1,2,4,5-Tetramethylben...	12.823	119	13676	0.431	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.021	155	454	0.457	ug/L		95
107) 1,3,5-Trichlorobenzene	13.042	180	5640	0.446	ug/L		96
108) Hexachlorobutadiene	13.622	225	1865	0.410	ug/L		98
109) 1,2,4-Trichlorobenzene	13.650	180	4522	0.430	ug/L		97
110) Naphthalene	13.947	128	9347	0.463	ug/L		100
111) 1,2,3-Trichlorobenzene	14.117	180	3823	0.463	ug/L		97

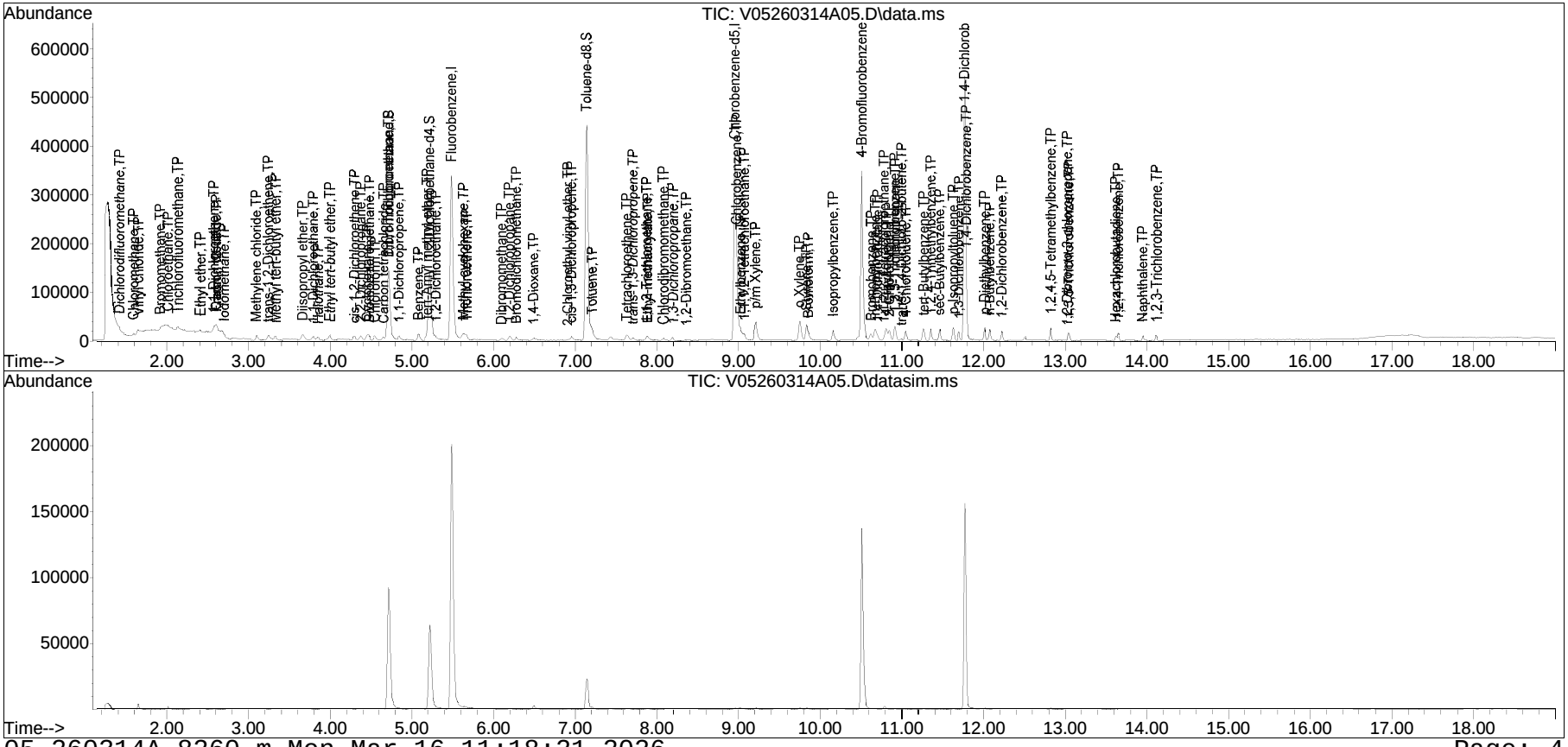
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A05.D
Acq On : 14 Mar 2026 2:59 pm
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 06:58:41 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

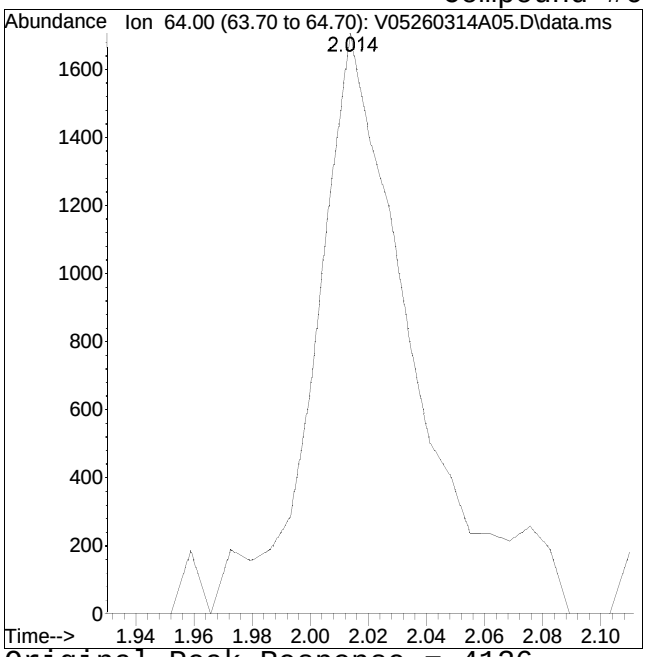
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•

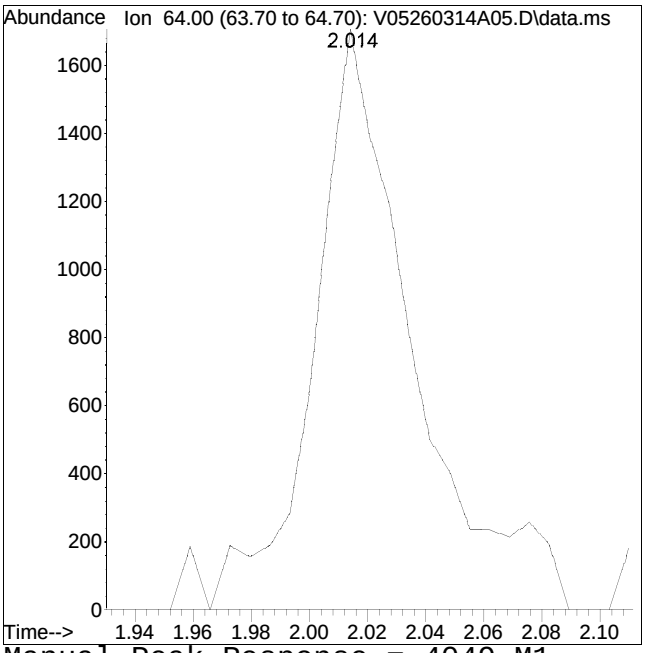


Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A05.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 2:59 pm Instrument : VOA105
Sample : I8260STD0.5PPB Quant Date : 3/16/2026 6:53 am

Compound #6: Chloroethane





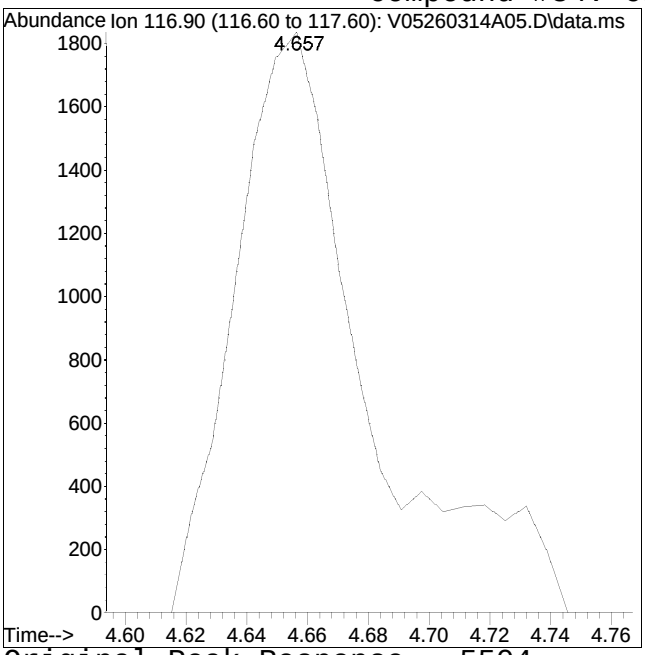
Original Peak Response = 4126 Manual Peak Response = 4049 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

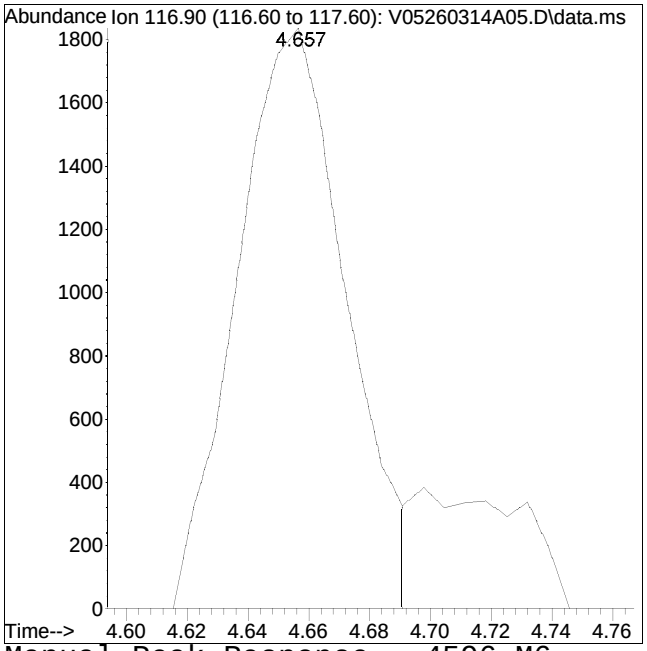
Data Path : K:\VOA105\2026\260314AICALQ
Data File : V05260314A05.D
Date Inj'd : 3/14/2026 2:59 pm
Sample : I8260STD0.5PPB

Method : V105_260314A_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/16/2026 6:53 am

Compound #34: Carbon tetrachloride



Original Peak Response = 5504



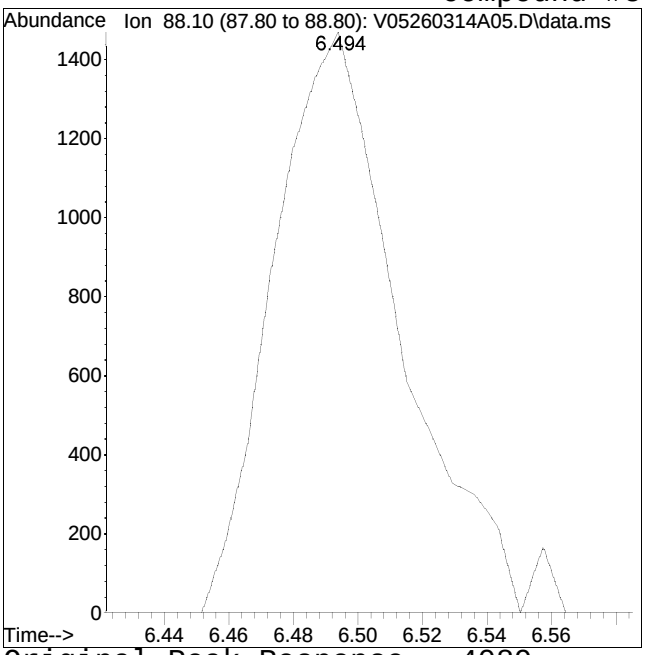
Manual Peak Response = 4596 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

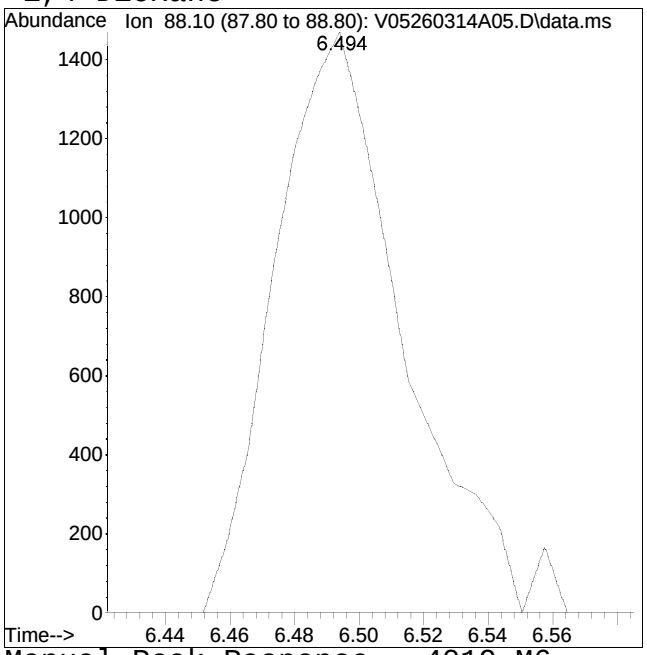
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A05.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 2:59 pm Instrument : VOA105
Sample : I8260STD0.5PPB Quant Date : 3/16/2026 6:53 am

Compound #57: 1,4-Dioxane



Original Peak Response = 4089



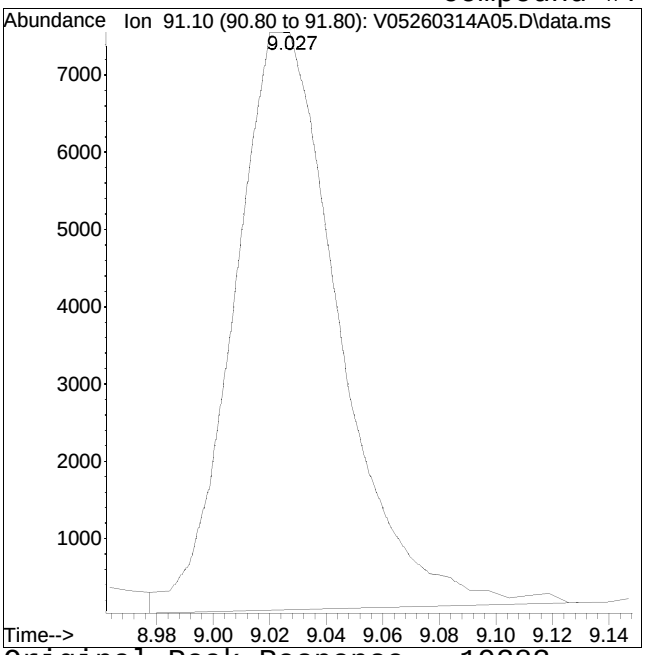
Manual Peak Response = 4019 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

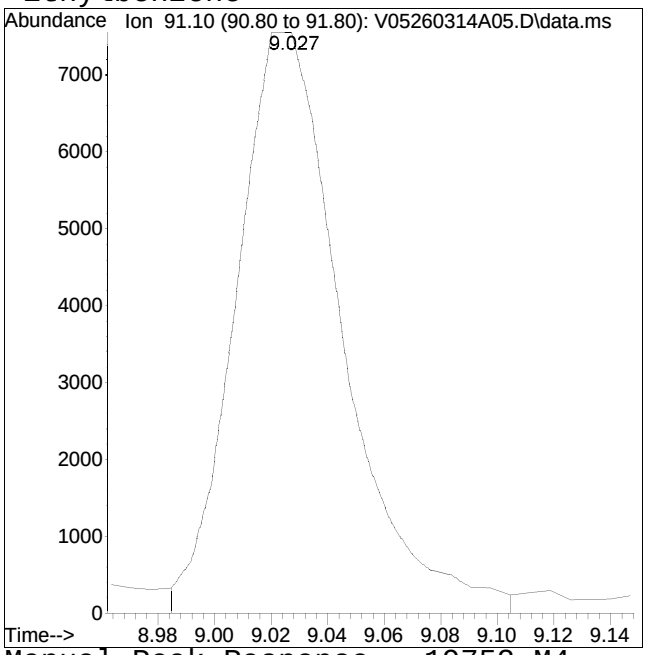
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A05.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 2:59 pm Instrument : VOA105
Sample : I8260STD0.5PPB Quant Date : 3/16/2026 6:53 am

Compound #74: Ethylbenzene



Original Peak Response = 19283



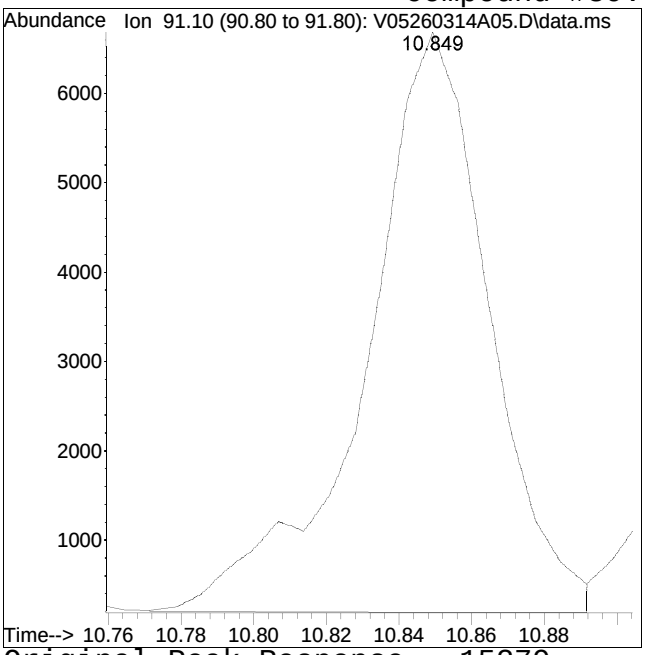
Manual Peak Response = 19752 M4

M4 = Poor automated baseline construction.

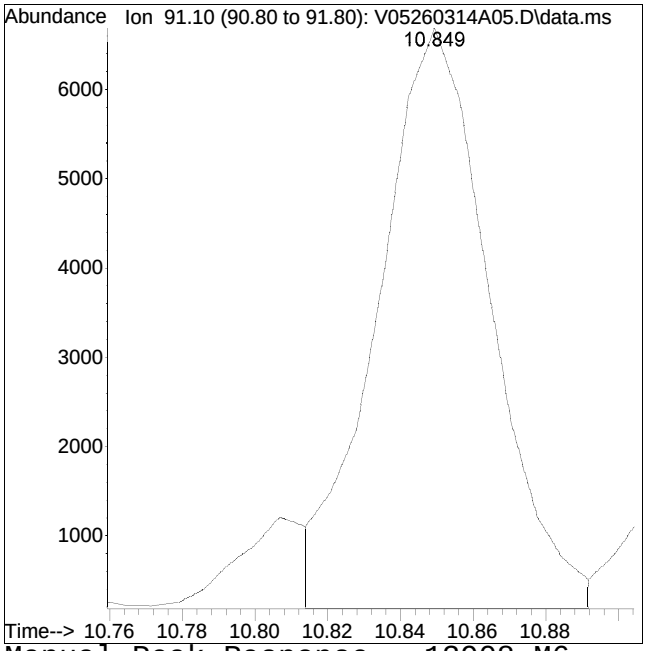
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A05.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 2:59 pm Instrument : VOA105
Sample : I8260STD0.5PPB Quant Date : 3/16/2026 6:53 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 15279



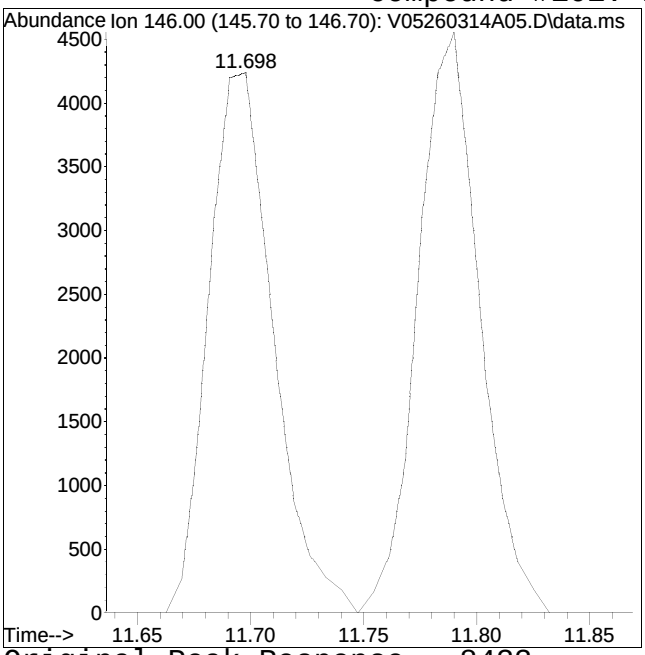
Manual Peak Response = 13908 M6

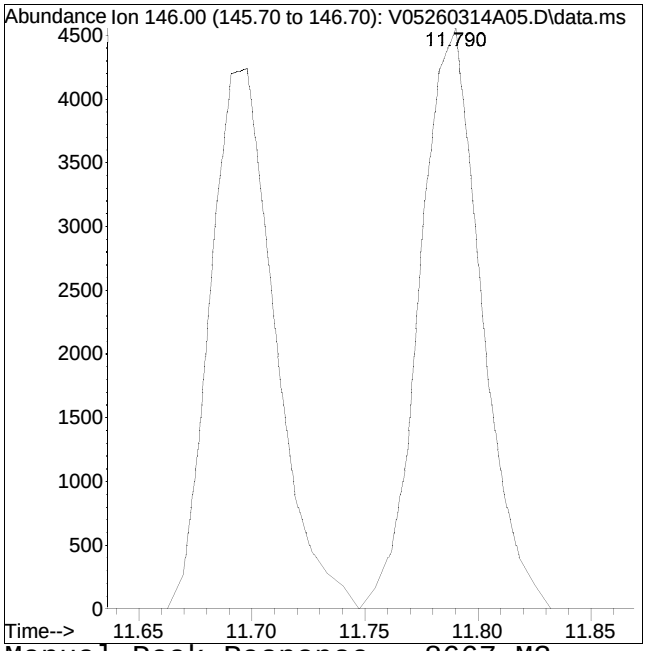
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A05.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 2:59 pm Instrument : VOA105
Sample : I8260STD0.5PPB Quant Date : 3/16/2026 6:53 am

Compound #101: 1,4-Dichlorobenzene





Original Peak Response = 8433 Manual Peak Response = 8667 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:\VOA105\2026\260314AICAL\
Data File : V05260314A07.D
Acq On : 14 Mar 2026 3:50 pm
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 16 07:00:57 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	351610	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 99.24%			
59) Chlorobenzene-d5	8.957	117	259331	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 99.04%			
79) 1,4-Dichlorobenzene-d4	11.769	152	148368	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 104.28%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.712	113	96290	10.210	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.10%			
43) 1,2-Dichloroethane-d4	5.217	65	118810	10.097	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.97%			
60) Toluene-d8	7.143	98	355992	10.034	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.34%			
83) 4-Bromofluorobenzene	10.510	95	139513	9.686	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	19954	2.431	ug/L	99
3) Chloromethane	1.588	50	24075	2.184	ug/L	97
4) Vinyl chloride	1.650	62	24798	2.342	ug/L	99
5) Bromomethane	1.918	94	11246	2.107	ug/L	94
6) Chloroethane	2.014	64	17562	2.300	ug/L	86
7) Trichlorofluoromethane	2.138	101	28938	2.336	ug/L	98
8) Ethyl ether	2.412	74	9420	2.270	ug/L	99
10) 1,1-Dichloroethene	2.577	96	18330	2.407	ug/L	95
11) Carbon disulfide	2.604	76	57788	2.221	ug/L	97
12) Freon-113	2.611	101	17040	2.415	ug/L	89
13) Iodomethane	2.707	142	16813	1.820	ug/L	96
14) Acrolein	2.913	56	504M6	1.215	ug/L	
15) Methylene chloride	3.105	84	19533	2.258	ug/L	99
17) Acetone	3.167	43	3672	2.713	ug/L	94
18) trans-1,2-Dichloroethene	3.236	96	18676	2.185	ug/L	99
19) Methyl acetate	3.270	43	5366	1.692	ug/L	97
20) Methyl tert-butyl ether	3.325	73	40883	2.198	ug/L	95
21) tert-Butyl alcohol	3.449	59	4659	12.062	ug/L #	80
22) Diisopropyl ether	3.661	45	60295	2.154	ug/L	99
23) 1,1-Dichloroethane	3.785	63	38282	2.187	ug/L	99
24) Halothane	3.847	117	13659	2.242	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A07.D
Acq On : 14 Mar 2026 3:50 pm
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 16 07:00:57 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	3.874	53	4248	2.200	ug/L #	84
26) Ethyl tert-butyl ether	3.998	59	49554	2.123	ug/L #	61
27) Vinyl acetate	4.032	43	28085M6	1.815	ug/L	
28) cis-1,2-Dichloroethene	4.293	96	21237	2.191	ug/L	97
29) 2,2-Dichloropropane	4.368	77	32690	2.314	ug/L	100
30) Bromochloromethane	4.478	128	8609	2.136	ug/L	94
31) Cyclohexane	4.451	56	39650	2.447	ug/L	100
32) Chloroform	4.540	83	35583	2.239	ug/L	99
33) Ethyl acetate	4.677	43	9133	1.857	ug/L	95
34) Carbon tetrachloride	4.650	117	27830	2.285	ug/L	99
35) Tetrahydrofuran	4.698	42	4344M6	2.300	ug/L	
37) 1,1,1-Trichloroethane	4.718	97	30933	2.233	ug/L	99
39) 2-Butanone	4.856	43	3744	1.864	ug/L	99
40) 1,1-Dichloropropene	4.842	75	26110	2.211	ug/L	99
41) Benzene	5.076	78	75545	2.199	ug/L	99
42) tert-Amyl methyl ether	5.189	73	39450	2.191	ug/L	96
44) 1,2-Dichloroethane	5.288	62	25839	2.248	ug/L	99
47) Methyl cyclohexane	5.626	83	31619	2.317	ug/L	94
48) Trichloroethene	5.661	95	19901	2.233	ug/L	95
50) Dibromomethane	6.106	93	10037	2.215	ug/L	98
51) 1,2-Dichloropropane	6.191	63	19716	2.120	ug/L	99
53) 2-Chloroethyl vinyl ether	6.896	63	8905	2.086	ug/L	98
54) Bromodichloromethane	6.275	83	25709	2.155	ug/L	98
57) 1,4-Dioxane	6.480	88	19459	452.192	ug/L	97
58) cis-1,3-Dichloropropene	6.953	75	28326	2.086	ug/L	94
61) Toluene	7.200	92	45956	2.141	ug/L	98
62) 4-Methyl-2-pentanone	7.651	58	4109	2.339	ug/L	78
63) Tetrachloroethene	7.637	166	19631	2.162	ug/L	99
65) trans-1,3-Dichloropropene	7.701	75	22647	2.031	ug/L	83
67) Ethyl methacrylate	7.884	69	15912	2.175	ug/L	98
68) 1,1,2-Trichloroethane	7.877	83	11187	2.208	ug/L	98
69) Chlorodibromomethane	8.082	129	15601	2.100	ug/L	99
70) 1,3-Dichloropropane	8.187	76	22713	2.102	ug/L	99
71) 1,2-Dibromoethane	8.343	107	12313	2.125	ug/L	100
72) 2-Hexanone	8.653	43	6298M6	2.126	ug/L	
73) Chlorobenzene	8.978	112	50122	2.152	ug/L	95
74) Ethylbenzene	9.020	91	92299	2.173	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.069	131	16586	2.081	ug/L	95
76) p/m Xylene	9.203	106	68849	4.336	ug/L	97
77) o Xylene	9.747	106	66778	4.408	ug/L	99

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A07.D
Acq On : 14 Mar 2026 3:50 pm
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 16 07:00:57 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.824	104	103539	4.227	ug/L	99
80) Bromoform	9.853	173	8958	2.018	ug/L	98
82) Isopropylbenzene	10.156	105	98675	2.131	ug/L	100
84) Bromobenzene	10.623	156	19528	2.072	ug/L	99
85) n-Propylbenzene	10.672	91	108775	2.114	ug/L	99
86) 1,4-Dichlorobutane	10.701	55	27094	2.197	ug/L	98
87) 1,1,2,2-Tetrachloroethane	10.786	83	14856	2.124	ug/L	100
88) 4-Ethyltoluene	10.807	105	89036	2.141	ug/L	100
89) 2-Chlorotoluene	10.849	91	63783M6	2.121	ug/L	
90) 1,3,5-Trimethylbenzene	10.913	105	74385	2.076	ug/L	98
91) 1,2,3-Trichloropropane	10.920	75	12210	2.149	ug/L	99
92) trans-1,4-Dichloro-2-b...	10.991	53	5480	2.189	ug/L	92
93) 4-Chlorotoluene	11.040	91	66399M4	2.179	ug/L	
94) tert-Butylbenzene	11.260	119	62784	2.142	ug/L	99
97) 1,2,4-Trimethylbenzene	11.352	105	74005	2.103	ug/L	98
98) sec-Butylbenzene	11.458	105	92018	2.154	ug/L	100
99) p-Isopropyltoluene	11.627	119	76806	2.079	ug/L	99
100) 1,3-Dichlorobenzene	11.691	146	38151	2.057	ug/L	98
101) 1,4-Dichlorobenzene	11.790	146	41031	2.197	ug/L	98
102) p-Diethylbenzene	12.009	119	44241	2.043	ug/L	100
103) n-Butylbenzene	12.073	91	68843	2.109	ug/L	98
104) 1,2-Dichlorobenzene	12.222	146	34845	2.117	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.823	119	62378	1.999	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.021	155	1863	1.907	ug/L	93
107) 1,3,5-Trichlorobenzene	13.042	180	25228	2.031	ug/L	98
108) Hexachlorobutadiene	13.622	225	9167	2.048	ug/L	97
109) 1,2,4-Trichlorobenzene	13.650	180	21261	2.057	ug/L	99
110) Naphthalene	13.940	128	42958	2.166	ug/L	100
111) 1,2,3-Trichlorobenzene	14.110	180	17563	2.163	ug/L	98

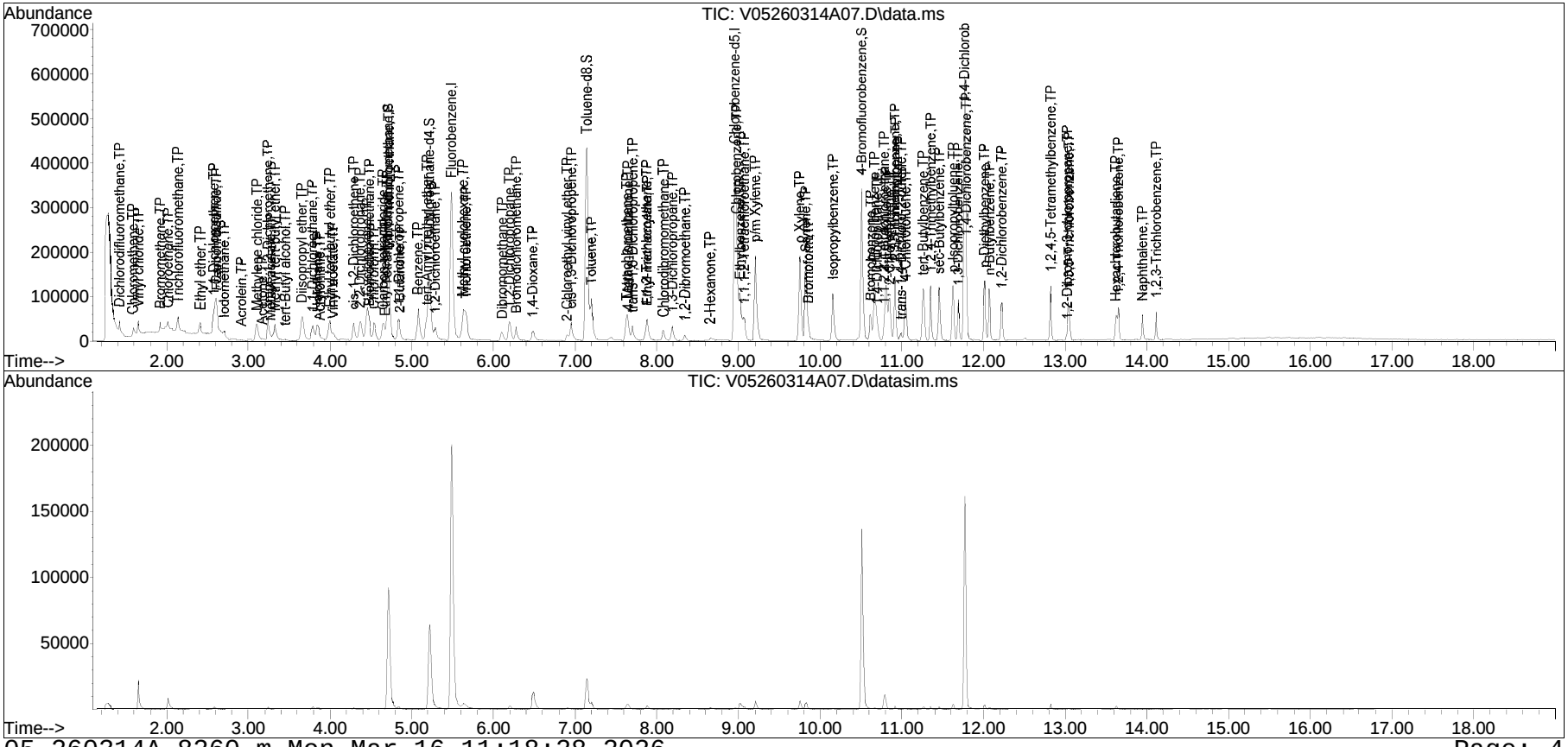
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A07.D
Acq On : 14 Mar 2026 3:50 pm
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 16 07:00:57 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

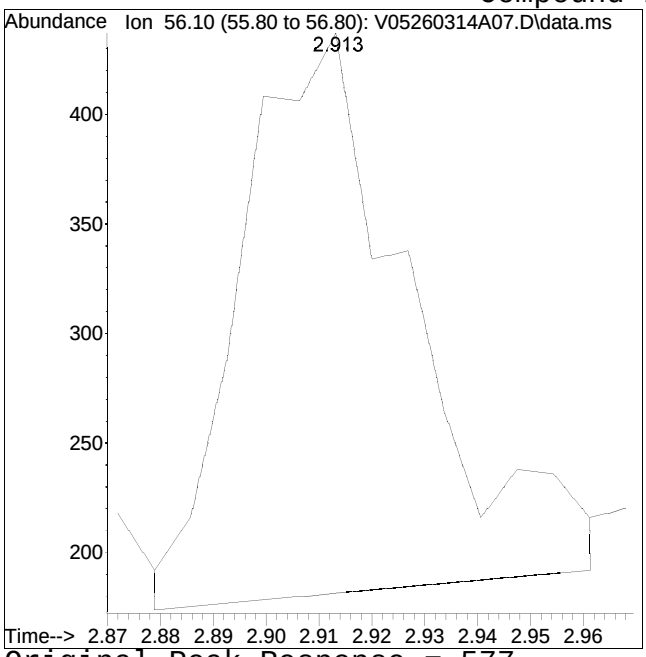
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•



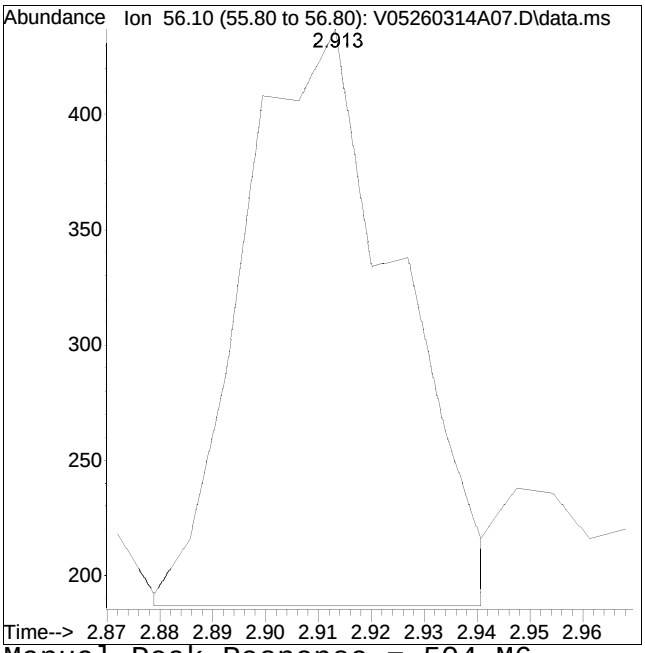
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A07.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 3:50 pm Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 3/16/2026 6:53 am

Compound #14: Acrolein



Original Peak Response = 577



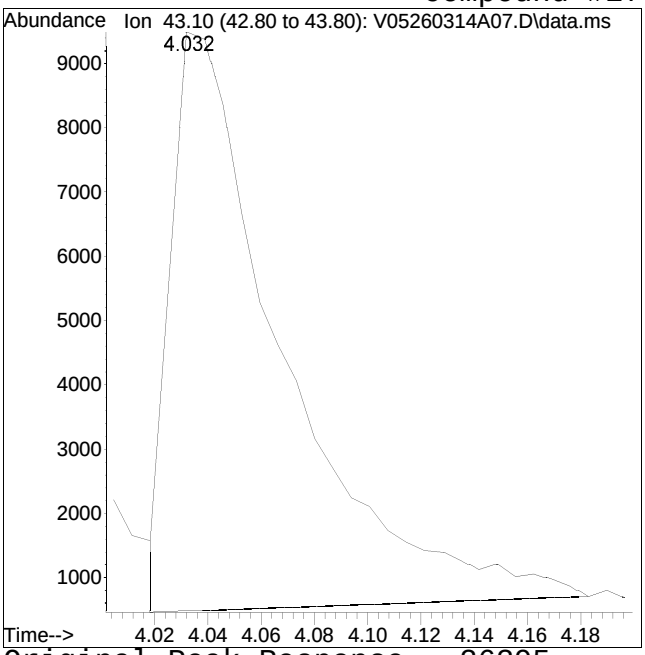
Manual Peak Response = 504 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

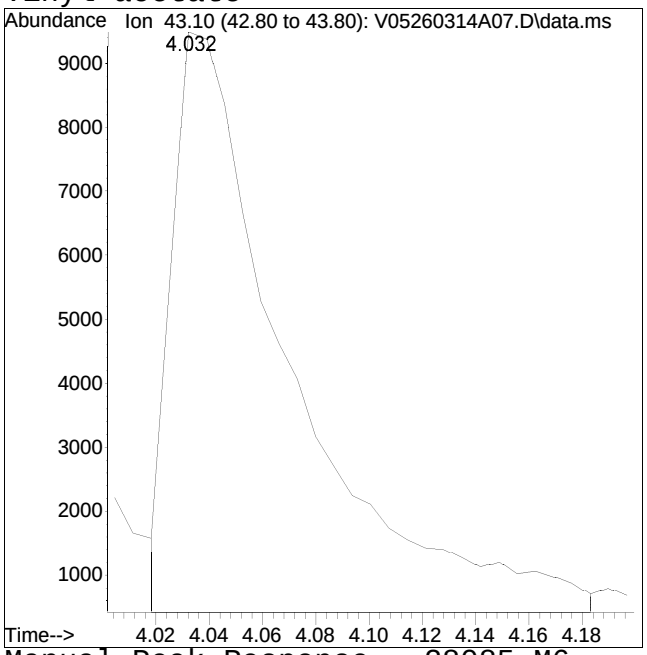
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A07.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 3:50 pm Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 3/16/2026 6:53 am

Compound #27: Vinyl acetate



Original Peak Response = 26395



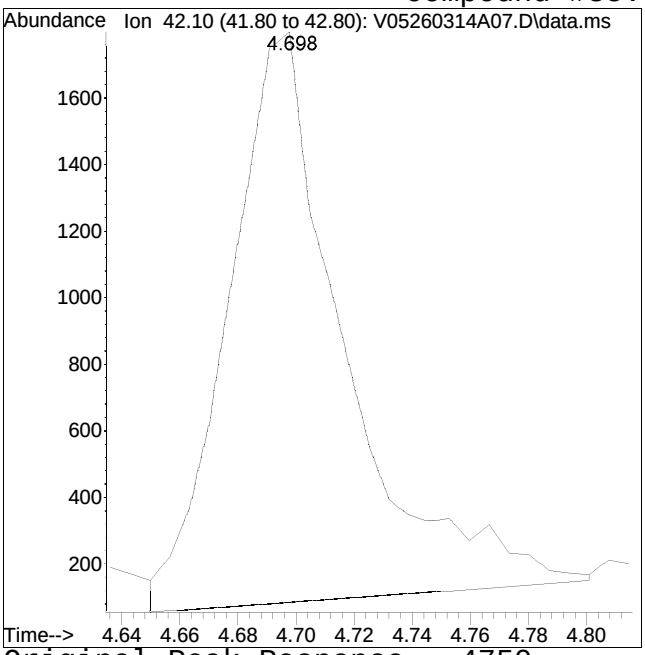
Manual Peak Response = 28085 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

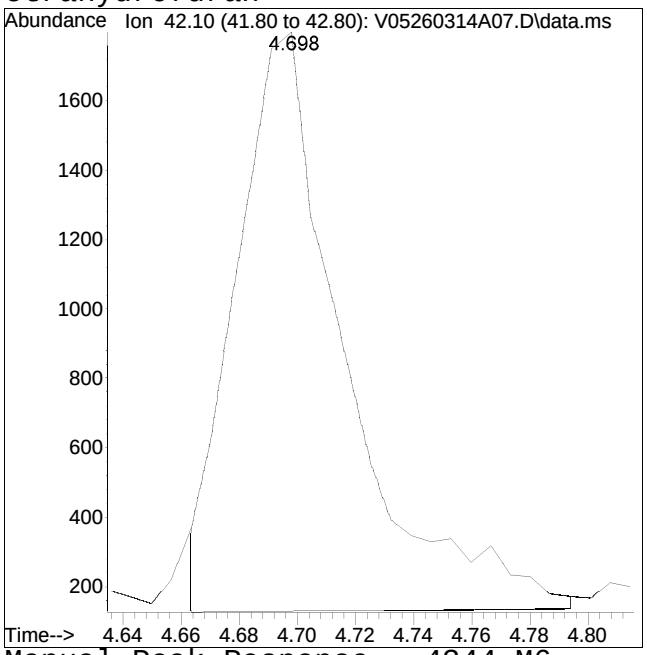
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A07.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 3:50 pm Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 3/16/2026 6:53 am

Compound #35: Tetrahydrofuran



Original Peak Response = 4750



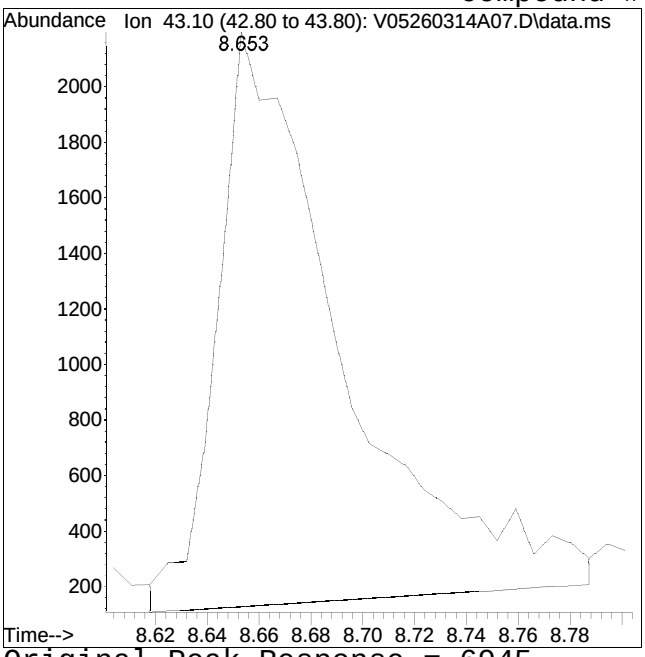
Manual Peak Response = 4344 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

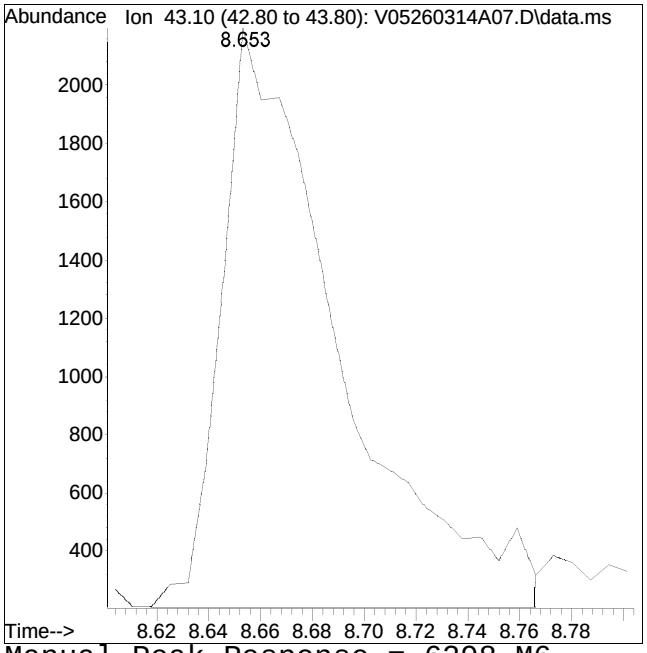
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A07.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 3:50 pm Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 3/16/2026 6:53 am

Compound #72: 2-Hexanone



Original Peak Response = 6945



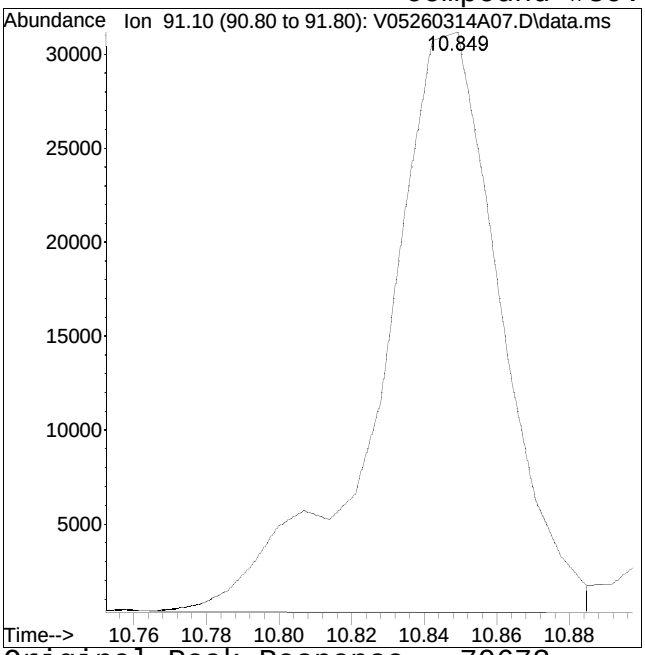
Manual Peak Response = 6298 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

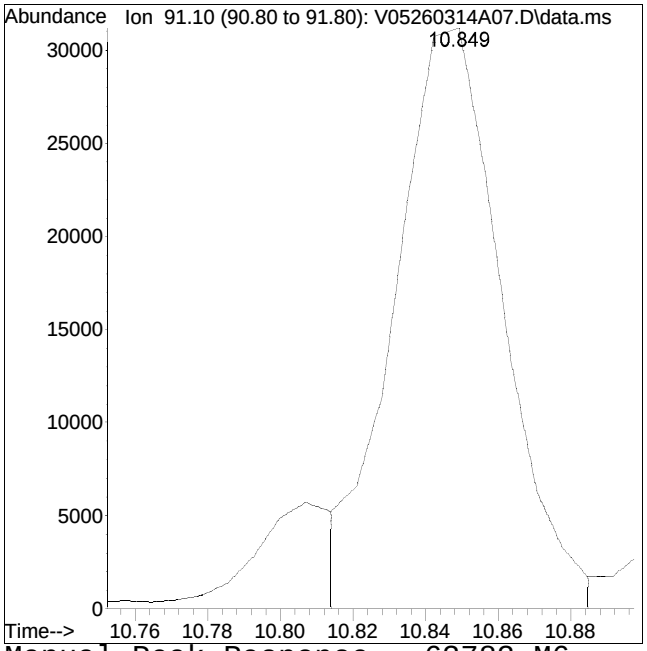
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A07.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 3:50 pm Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 3/16/2026 6:53 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 70673



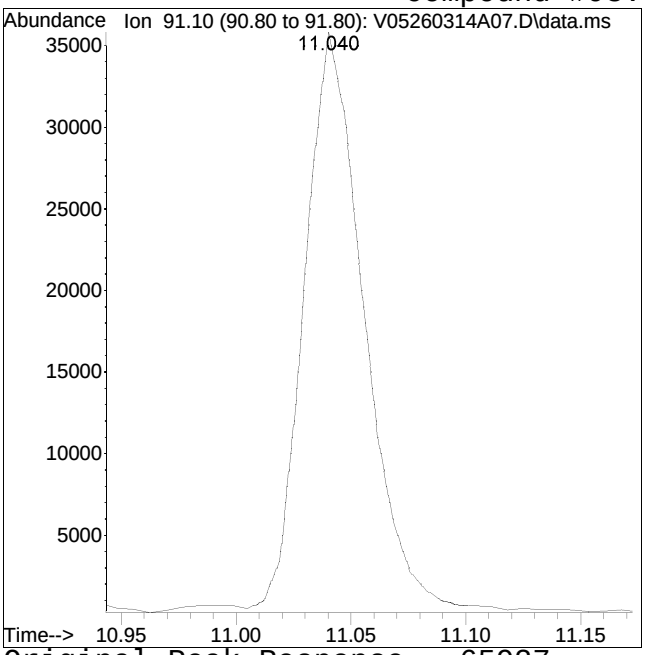
Manual Peak Response = 63783 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

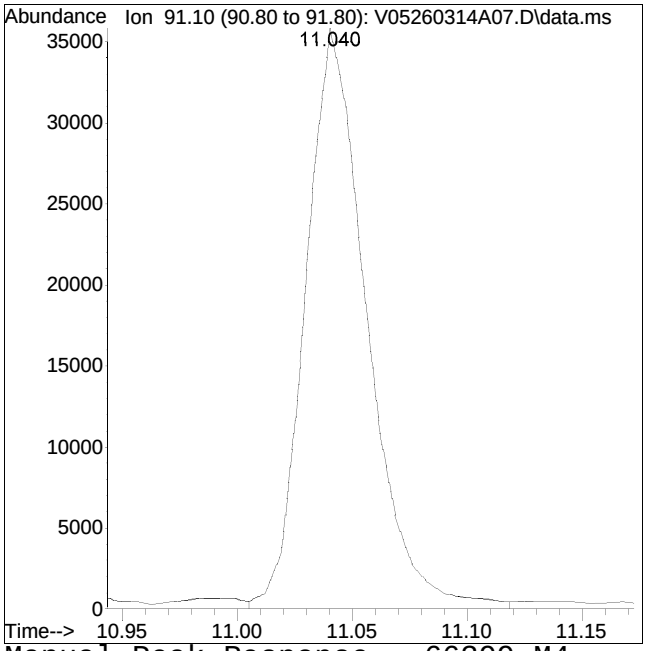
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A07.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 3:50 pm Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 3/16/2026 6:53 am

Compound #93: 4-Chlorotoluene



Original Peak Response = 65927



Manual Peak Response = 66399 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A09.D
Acq On : 14 Mar 2026 4:41 pm
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 16 06:52:06 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:51:50 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	354318	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 100.00%			
59) Chlorobenzene-d5	8.956	117	261847	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.769	152	142275	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	95040	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
43) 1,2-Dichloroethane-d4	5.217	65	118571	10.017	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.17%			
60) Toluene-d8	7.143	98	358218	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
83) 4-Bromofluorobenzene	10.510	95	138120	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	82711	10.000	ug/L	100
3) Chloromethane	1.588	50	111097	10.000	ug/L	100
4) Vinyl chloride	1.650	62	106680	10.000	ug/L	100
5) Bromomethane	1.918	94	53776	10.000	ug/L	100
6) Chloroethane	2.014	64	76938	10.000	ug/L	100
7) Trichlorofluoromethane	2.137	101	124828	10.000	ug/L	100
8) Ethyl ether	2.405	74	41815	10.000	ug/L	100
10) 1,1-Dichloroethene	2.577	96	76750	10.000	ug/L	100
11) Carbon disulfide	2.604	76	262150	10.011	ug/L	100
12) Freon-113	2.611	101	71116	10.000	ug/L	100
13) Iodomethane	2.707	142	93073	10.000	ug/L	100
14) Acrolein	2.906	56	4180	10.000	ug/L	100
15) Methylene chloride	3.098	84	87163	10.009	ug/L	100
17) Acetone	3.160	43	13638	10.000	ug/L	100
18) trans-1,2-Dichloroethene	3.236	96	86148	10.000	ug/L	100
19) Methyl acetate	3.263	43	31955	10.000	ug/L	100
20) Methyl tert-butyl ether	3.325	73	187437	10.000	ug/L	100
21) tert-Butyl alcohol	3.442	59	19462	50.000	ug/L	100
22) Diisopropyl ether	3.661	45	282135	10.000	ug/L	100
23) 1,1-Dichloroethane	3.785	63	176426	10.000	ug/L	100
24) Halothane	3.846	117	61395	10.000	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A09.D
Acq On : 14 Mar 2026 4:41 pm
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 16 06:52:06 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:51:50 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	3.860	53	19458	10.000	ug/L	100
26) Ethyl tert-butyl ether	3.991	59	235229	10.000	ug/L	100
27) Vinyl acetate	4.018	43	155968M6	10.000	ug/L	
28) cis-1,2-Dichloroethene	4.286	96	97695	10.000	ug/L	100
29) 2,2-Dichloropropane	4.375	77	142346	10.011	ug/L	100
30) Bromochloromethane	4.471	128	40616	10.000	ug/L	100
31) Cyclohexane	4.451	56	163268	10.000	ug/L	100
32) Chloroform	4.540	83	160122	10.000	ug/L	100
33) Ethyl acetate	4.656	43	49550	10.000	ug/L	100
34) Carbon tetrachloride	4.656	117	122741	10.000	ug/L	100
35) Tetrahydrofuran	4.691	42	19031M6	10.000	ug/L	
37) 1,1,1-Trichloroethane	4.718	97	139572	10.000	ug/L	100
39) 2-Butanone	4.835	43	20236	10.000	ug/L	100
40) 1,1-Dichloropropene	4.842	75	119012	10.019	ug/L	100
41) Benzene	5.076	78	346212	10.000	ug/L	100
42) tert-Amyl methyl ether	5.182	73	181404	10.000	ug/L	100
44) 1,2-Dichloroethane	5.287	62	115835	10.000	ug/L	100
47) Methyl cyclohexane	5.633	83	137516	10.000	ug/L	100
48) Trichloroethene	5.661	95	89796	10.003	ug/L	100
50) Dibromomethane	6.099	93	45657	10.000	ug/L	100
51) 1,2-Dichloropropane	6.191	63	93733	10.000	ug/L	100
53) 2-Chloroethyl vinyl ether	6.889	63	43027	10.000	ug/L	100
54) Bromodichloromethane	6.275	83	120212	10.000	ug/L	100
57) 1,4-Dioxane	6.487	88	21682	500.000	ug/L	100
58) cis-1,3-Dichloropropene	6.945	75	136821	10.000	ug/L	100
61) Toluene	7.199	92	216711	10.000	ug/L	100
62) 4-Methyl-2-pentanone	7.644	58	17740	10.000	ug/L	100
63) Tetrachloroethene	7.630	166	91696	10.000	ug/L	100
65) trans-1,3-Dichloropropene	7.693	75	112567	10.000	ug/L	100
67) Ethyl methacrylate	7.884	69	73858	10.000	ug/L	100
68) 1,1,2-Trichloroethane	7.870	83	51150	10.000	ug/L	100
69) Chlorodibromomethane	8.074	129	75022	10.000	ug/L	100
70) 1,3-Dichloropropane	8.187	76	109085	10.000	ug/L	100
71) 1,2-Dibromoethane	8.335	107	58496	10.000	ug/L	100
72) 2-Hexanone	8.646	43	29915	10.000	ug/L	100
73) Chlorobenzene	8.978	112	235210	10.000	ug/L	100
74) Ethylbenzene	9.020	91	428925	10.000	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.069	131	80456	10.000	ug/L	100
76) p/m Xylene	9.203	106	320654	20.000	ug/L	100
77) o Xylene	9.747	106	305896	20.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A09.D
Acq On : 14 Mar 2026 4:41 pm
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 16 06:52:06 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:51:50 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.817	104	494686	20.000	ug/L	100
80) Bromoform	9.845	173	42565	10.000	ug/L	100
82) Isopropylbenzene	10.156	105	444113	10.000	ug/L	100
84) Bromobenzene	10.623	156	90380	10.000	ug/L	100
85) n-Propylbenzene	10.672	91	493368	10.000	ug/L	100
86) 1,4-Dichlorobutane	10.701	55	118245	10.000	ug/L	100
87) 1,1,2,2-Tetrachloroethane	10.786	83	67085	10.000	ug/L	100
88) 4-Ethyltoluene	10.807	105	398783	10.000	ug/L	100
89) 2-Chlorotoluene	10.842	91	288382M6	10.000	ug/L	
90) 1,3,5-Trimethylbenzene	10.913	105	343564	10.000	ug/L	100
91) 1,2,3-Trichloropropane	10.920	75	54490M4	10.000	ug/L	
92) trans-1,4-Dichloro-2-b...	10.984	53	24008	10.000	ug/L	100
93) 4-Chlorotoluene	11.040	91	292271	10.000	ug/L	100
94) tert-Butylbenzene	11.259	119	281106	10.000	ug/L	100
97) 1,2,4-Trimethylbenzene	11.351	105	337520	10.000	ug/L	100
98) sec-Butylbenzene	11.457	105	409614	10.000	ug/L	100
99) p-Isopropyltoluene	11.620	119	354247	10.000	ug/L	100
100) 1,3-Dichlorobenzene	11.691	146	177870	10.000	ug/L	100
101) 1,4-Dichlorobenzene	11.783	146	179055	10.000	ug/L	100
102) p-Diethylbenzene	12.009	119	207621	10.000	ug/L	100
103) n-Butylbenzene	12.066	91	312989	10.000	ug/L	100
104) 1,2-Dichlorobenzene	12.221	146	157813	10.000	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.823	119	299209	10.000	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.014	155	9367	10.000	ug/L	100
107) 1,3,5-Trichlorobenzene	13.042	180	119135	10.000	ug/L	100
108) Hexachlorobutadiene	13.622	225	42916	10.000	ug/L	100
109) 1,2,4-Trichlorobenzene	13.650	180	99093	10.000	ug/L	100
110) Naphthalene	13.940	128	190182	10.000	ug/L	100
111) 1,2,3-Trichlorobenzene	14.110	180	77851	10.000	ug/L	100

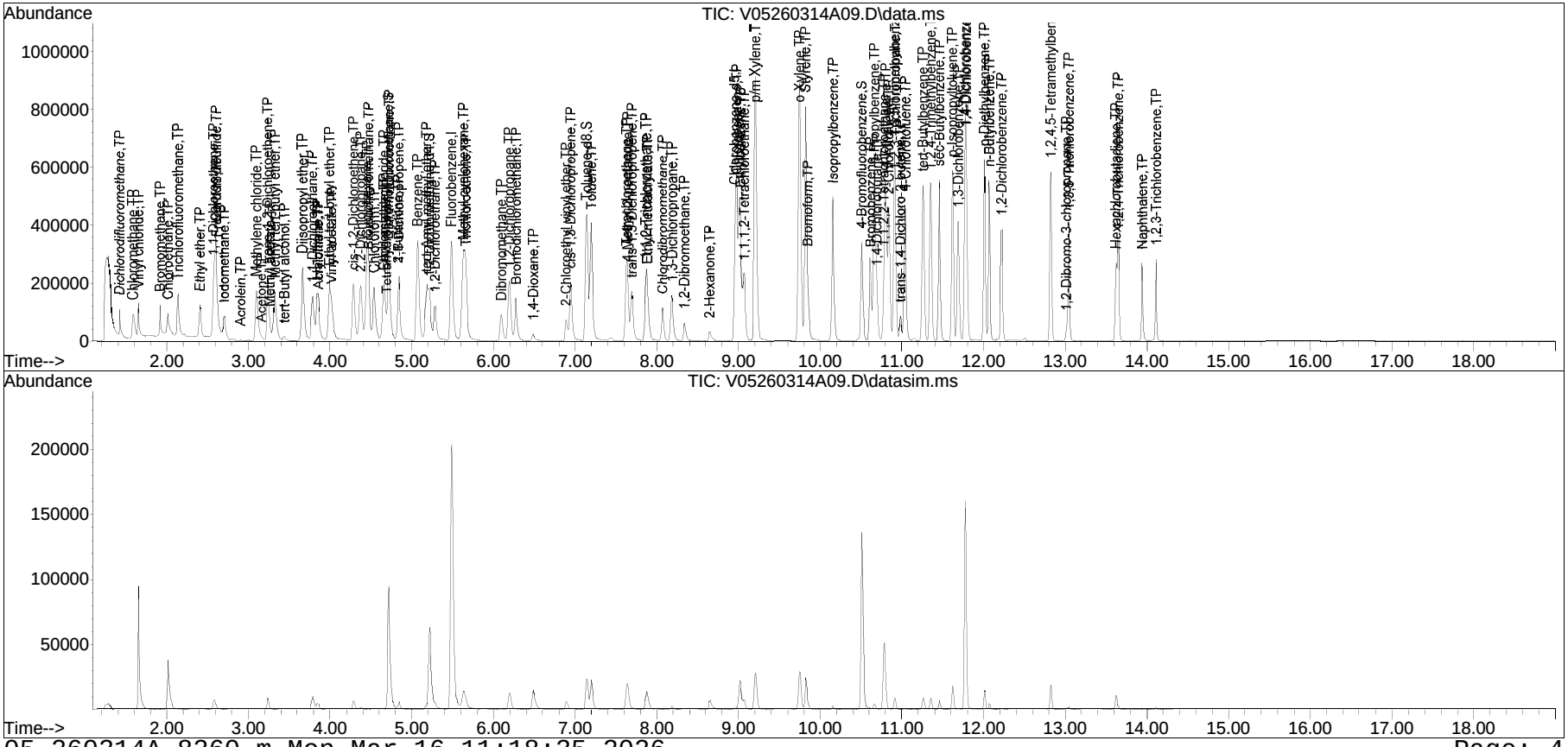
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A09.D
Acq On : 14 Mar 2026 4:41 pm
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 16 06:52:06 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:51:50 2026
Response via : Initial Calibration

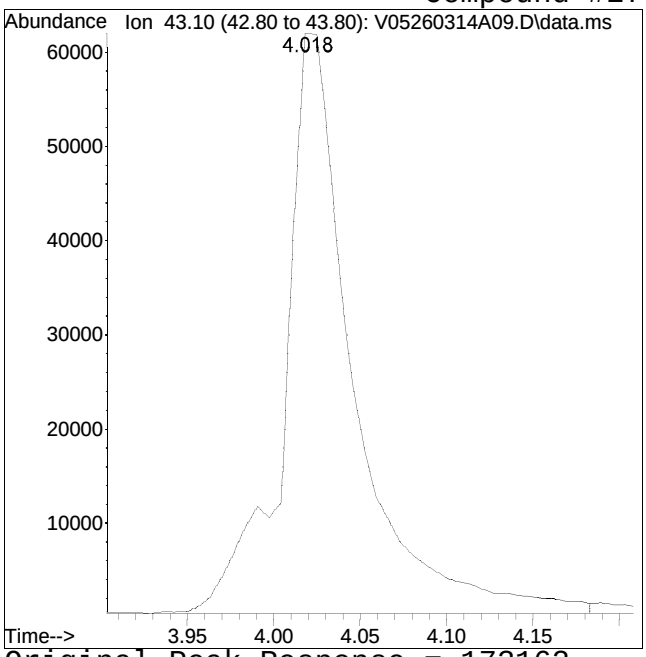
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•



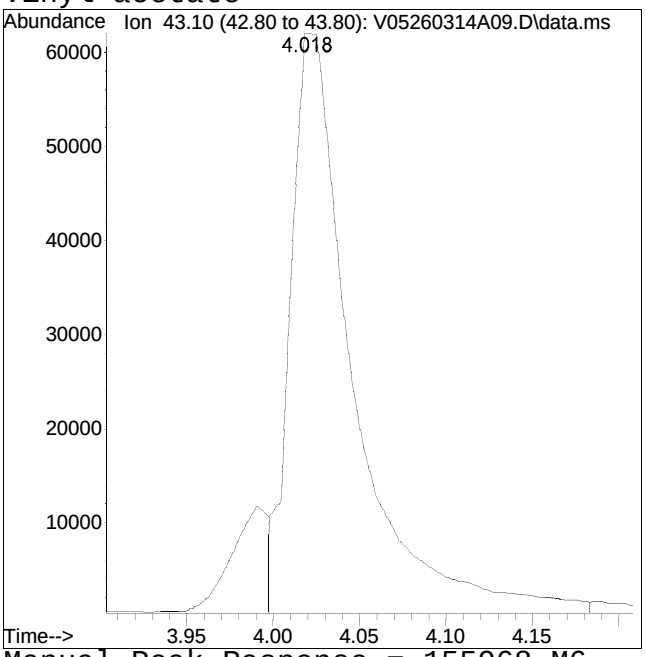
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A09.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 4:41 pm Instrument : VOA105
Sample : I8260STD10PPB Quant Date : 3/16/2026 6:52 am

Compound #27: Vinyl acetate



Original Peak Response = 173162



Manual Peak Response = 155968 M6

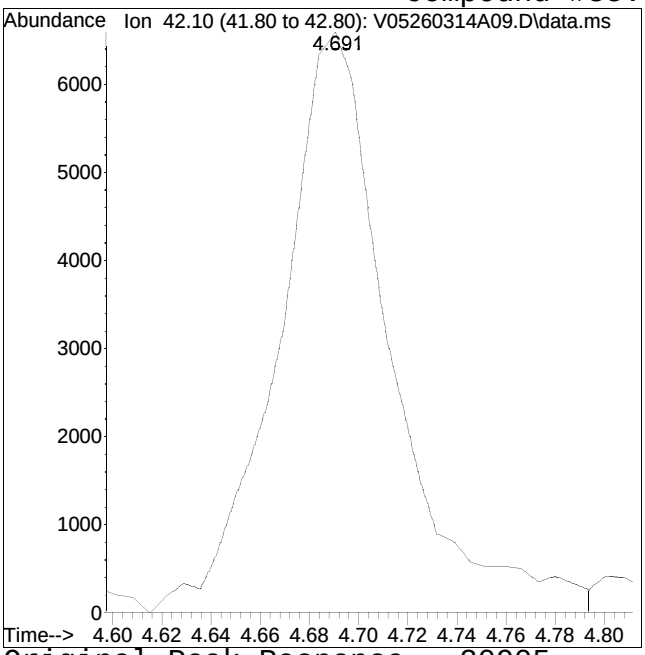
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

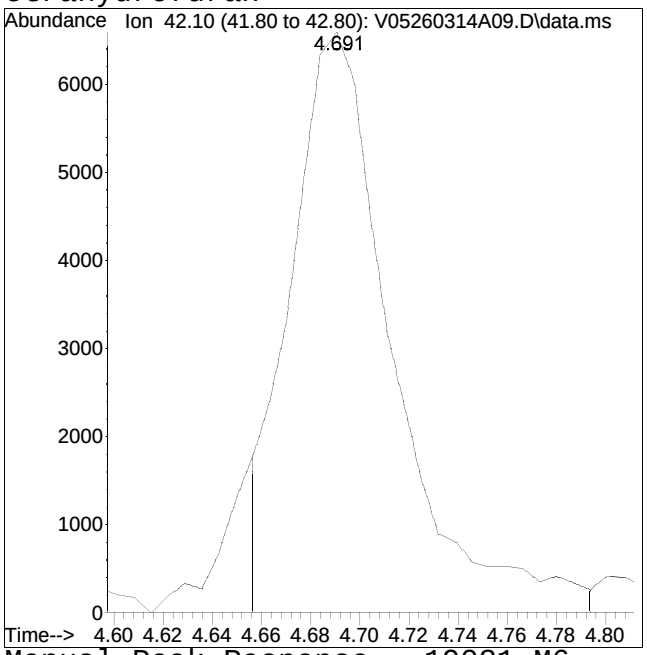
Data Path : K:\VOA105\2026\260314AICALQ
Data File : V05260314A09.D
Date Inj'd : 3/14/2026 4:41 pm
Sample : I8260STD10PPB

Method : V105_260314A_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/16/2026 6:52 am

Compound #35: Tetrahydrofuran



Original Peak Response = 20905



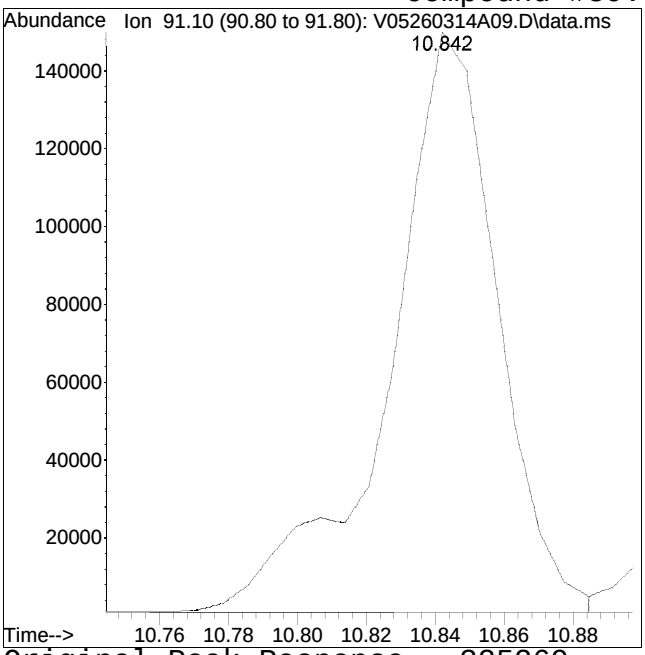
Manual Peak Response = 19031 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

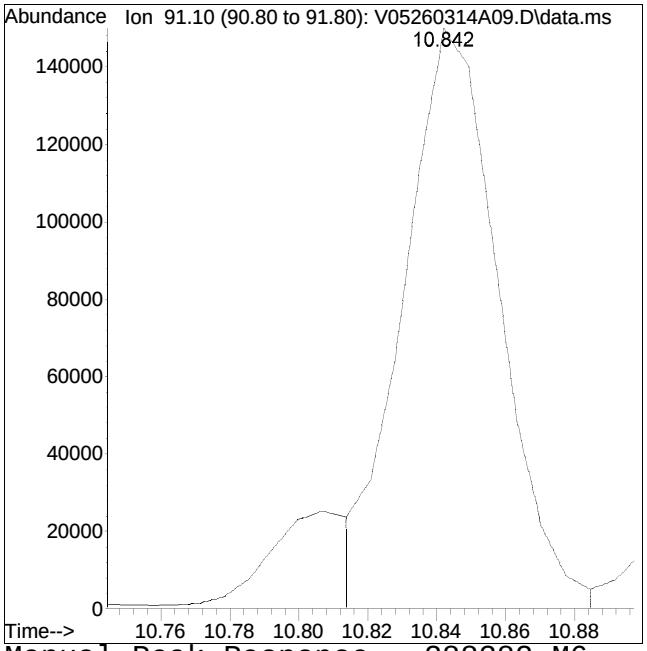
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A09.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 4:41 pm Instrument : VOA105
Sample : I8260STD10PPB Quant Date : 3/16/2026 6:52 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 325269



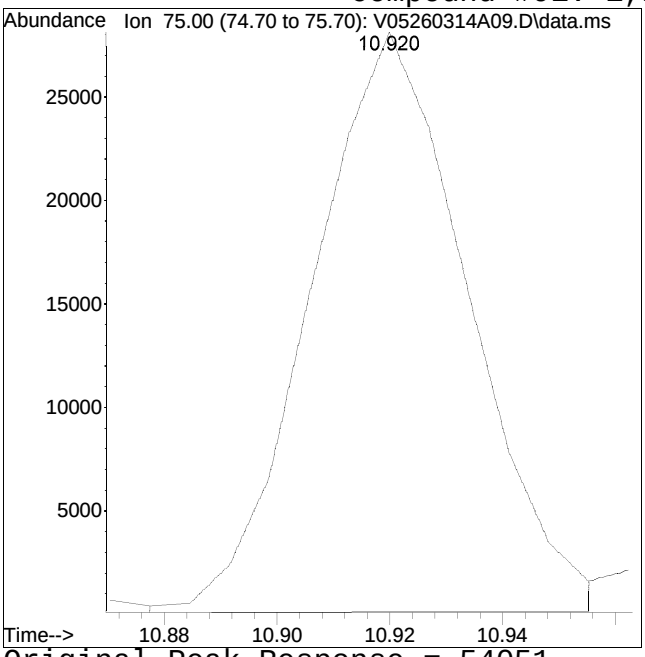
Manual Peak Response = 288382 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

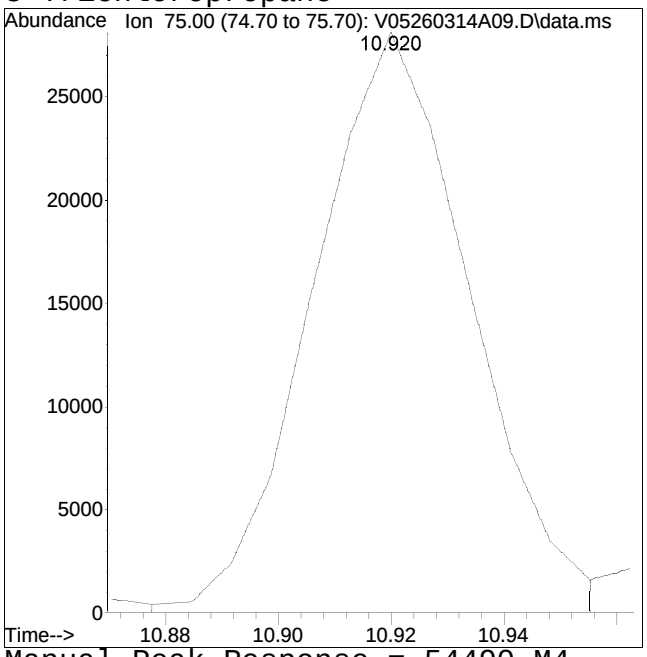
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A09.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 4:41 pm Instrument : VOA105
Sample : I8260STD10PPB Quant Date : 3/16/2026 6:52 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 54051



Manual Peak Response = 54490 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A10.D
Acq On : 14 Mar 2026 5:07 pm
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 16 07:02:22 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	357106	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 100.79%			
59) Chlorobenzene-d5	8.956	117	259272	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 99.02%			
79) 1,4-Dichlorobenzene-d4	11.769	152	142201	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 99.95%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	92121	9.617	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.17%			
43) 1,2-Dichloroethane-d4	5.217	65	110342	9.233	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.33%			
60) Toluene-d8	7.143	98	355496	10.023	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.23%			
83) 4-Bromofluorobenzene	10.510	95	133750	9.689	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.89%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	276132	33.125	ug/L	100
3) Chloromethane	1.588	50	338717	30.250	ug/L	99
4) Vinyl chloride	1.650	62	330014	30.693	ug/L	99
5) Bromomethane	1.918	94	163584	30.182	ug/L	98
6) Chloroethane	2.014	64	228419	29.457	ug/L	99
7) Trichlorofluoromethane	2.137	101	402132	31.963	ug/L	100
8) Ethyl ether	2.405	74	129921	30.828	ug/L	99
10) 1,1-Dichloroethene	2.577	96	234530	30.319	ug/L	98
11) Carbon disulfide	2.604	76	801588	30.339	ug/L	100
12) Freon-113	2.611	101	237502	33.136	ug/L	88
13) Iodomethane	2.707	142	311470	33.204	ug/L	99
14) Acrolein	2.892	56	13762	32.666	ug/L	96
15) Methylene chloride	3.098	84	259559	29.546	ug/L	99
17) Acetone	3.153	43	41800	30.410	ug/L	96
18) trans-1,2-Dichloroethene	3.236	96	260034	29.949	ug/L	99
19) Methyl acetate	3.256	43	110044	34.168	ug/L	93
20) Methyl tert-butyl ether	3.325	73	598079	31.659	ug/L	97
21) tert-Butyl alcohol	3.442	59	60412	153.993	ug/L #	82
22) Diisopropyl ether	3.661	45	891293	31.344	ug/L	100
23) 1,1-Dichloroethane	3.785	63	528145	29.702	ug/L	100
24) Halothane	3.847	117	192506	31.111	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A10.D
Acq On : 14 Mar 2026 5:07 pm
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 16 07:02:22 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.847	53	61394	31.306	ug/L		98
26) Ethyl tert-butyl ether	3.991	59	751854	31.713	ug/L		98
27) Vinyl acetate	4.018	43	534463M6	34.000	ug/L		
28) cis-1,2-Dichloroethene	4.286	96	290621	29.516	ug/L		98
29) 2,2-Dichloropropane	4.375	77	431822	30.099	ug/L		98
30) Bromochloromethane	4.471	128	123945	30.278	ug/L		98
31) Cyclohexane	4.451	56	534872	32.505	ug/L		100
32) Chloroform	4.540	83	482932	29.925	ug/L		99
33) Ethyl acetate	4.650	43	167687	33.578	ug/L	#	95
34) Carbon tetrachloride	4.650	117	384922	31.116	ug/L		99
35) Tetrahydrofuran	4.684	42	51545M6	26.873	ug/L		
37) 1,1,1-Trichloroethane	4.718	97	434415	30.882	ug/L		97
39) 2-Butanone	4.828	43	66048	32.384	ug/L		93
40) 1,1-Dichloropropene	4.842	75	369293	30.788	ug/L		100
41) Benzene	5.076	78	1033737	29.625	ug/L		100
42) tert-Amyl methyl ether	5.182	73	579140	31.676	ug/L		99
44) 1,2-Dichloroethane	5.280	62	355764	30.473	ug/L		99
47) Methyl cyclohexane	5.633	83	469319	33.862	ug/L		99
48) Trichloroethene	5.654	95	277156	30.624	ug/L		99
50) Dibromomethane	6.092	93	142447	30.956	ug/L		99
51) 1,2-Dichloropropane	6.191	63	288007	30.486	ug/L		100
53) 2-Chloroethyl vinyl ether	6.882	63	139361	32.136	ug/L		98
54) Bromodichloromethane	6.268	83	367906	30.366	ug/L		99
57) 1,4-Dioxane	6.487	88	27914	638.688	ug/L		98
58) cis-1,3-Dichloropropene	6.946	75	433334	31.424	ug/L		99
61) Toluene	7.192	92	663423	30.917	ug/L		100
62) 4-Methyl-2-pentanone	7.637	58	58151	33.105	ug/L		99
63) Tetrachloroethene	7.630	166	288504	31.776	ug/L		99
65) trans-1,3-Dichloropropene	7.686	75	363120	32.578	ug/L		95
67) Ethyl methacrylate	7.877	69	229642	31.401	ug/L		98
68) 1,1,2-Trichloroethane	7.870	83	159207	31.435	ug/L		98
69) Chlorodibromomethane	8.074	129	245470	33.045	ug/L		99
70) 1,3-Dichloropropane	8.180	76	342231	31.684	ug/L		100
71) 1,2-Dibromoethane	8.336	107	188809	32.598	ug/L		97
72) 2-Hexanone	8.639	43	98010	33.088	ug/L		97
73) Chlorobenzene	8.978	112	719218	30.881	ug/L		100
74) Ethylbenzene	9.020	91	1316672	31.002	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.062	131	257357	32.305	ug/L		99
76) p/m Xylene	9.203	106	985530	62.080	ug/L		97
77) o Xylene	9.747	106	946529	62.500	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A10.D
Acq On : 14 Mar 2026 5:07 pm
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 16 07:02:22 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.817	104	1579108	64.477	ug/L	100
80) Bromoform	9.845	173	142073	33.395	ug/L	100
82) Isopropylbenzene	10.156	105	1392229	31.365	ug/L	100
84) Bromobenzene	10.616	156	281506	31.163	ug/L	100
85) n-Propylbenzene	10.672	91	1551549	31.464	ug/L	100
86) 1,4-Dichlorobutane	10.701	55	371134	31.403	ug/L	98
87) 1,1,2,2-Tetrachloroethane	10.786	83	211239	31.505	ug/L	100
88) 4-Ethyltoluene	10.807	105	1254680	31.479	ug/L	100
89) 2-Chlorotoluene	10.842	91	894845M6	31.046	ug/L	
90) 1,3,5-Trimethylbenzene	10.913	105	1083798	31.562	ug/L	100
91) 1,2,3-Trichloropropane	10.920	75	172478M1	31.670	ug/L	
92) trans-1,4-Dichloro-2-b...	10.984	53	75210	31.343	ug/L	97
93) 4-Chlorotoluene	11.040	91	922082	31.565	ug/L	99
94) tert-Butylbenzene	11.259	119	900428	32.048	ug/L	100
97) 1,2,4-Trimethylbenzene	11.344	105	1068779	31.682	ug/L	99
98) sec-Butylbenzene	11.458	105	1320746	32.260	ug/L	99
99) p-Isopropyltoluene	11.620	119	1139708	32.189	ug/L	99
100) 1,3-Dichlorobenzene	11.691	146	565246	31.795	ug/L	100
101) 1,4-Dichlorobenzene	11.783	146	563666	31.496	ug/L	99
102) p-Diethylbenzene	12.009	119	662437	31.923	ug/L	100
103) n-Butylbenzene	12.066	91	1020398	32.619	ug/L	100
104) 1,2-Dichlorobenzene	12.214	146	500495	31.731	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.823	119	966253	32.310	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.014	155	30232	32.292	ug/L	99
107) 1,3,5-Trichlorobenzene	13.042	180	378538	31.790	ug/L	99
108) Hexachlorobutadiene	13.622	225	139895	32.614	ug/L	99
109) 1,2,4-Trichlorobenzene	13.650	180	314262	31.730	ug/L	100
110) Naphthalene	13.940	128	609854	32.084	ug/L	100
111) 1,2,3-Trichlorobenzene	14.110	180	247586	31.819	ug/L	100

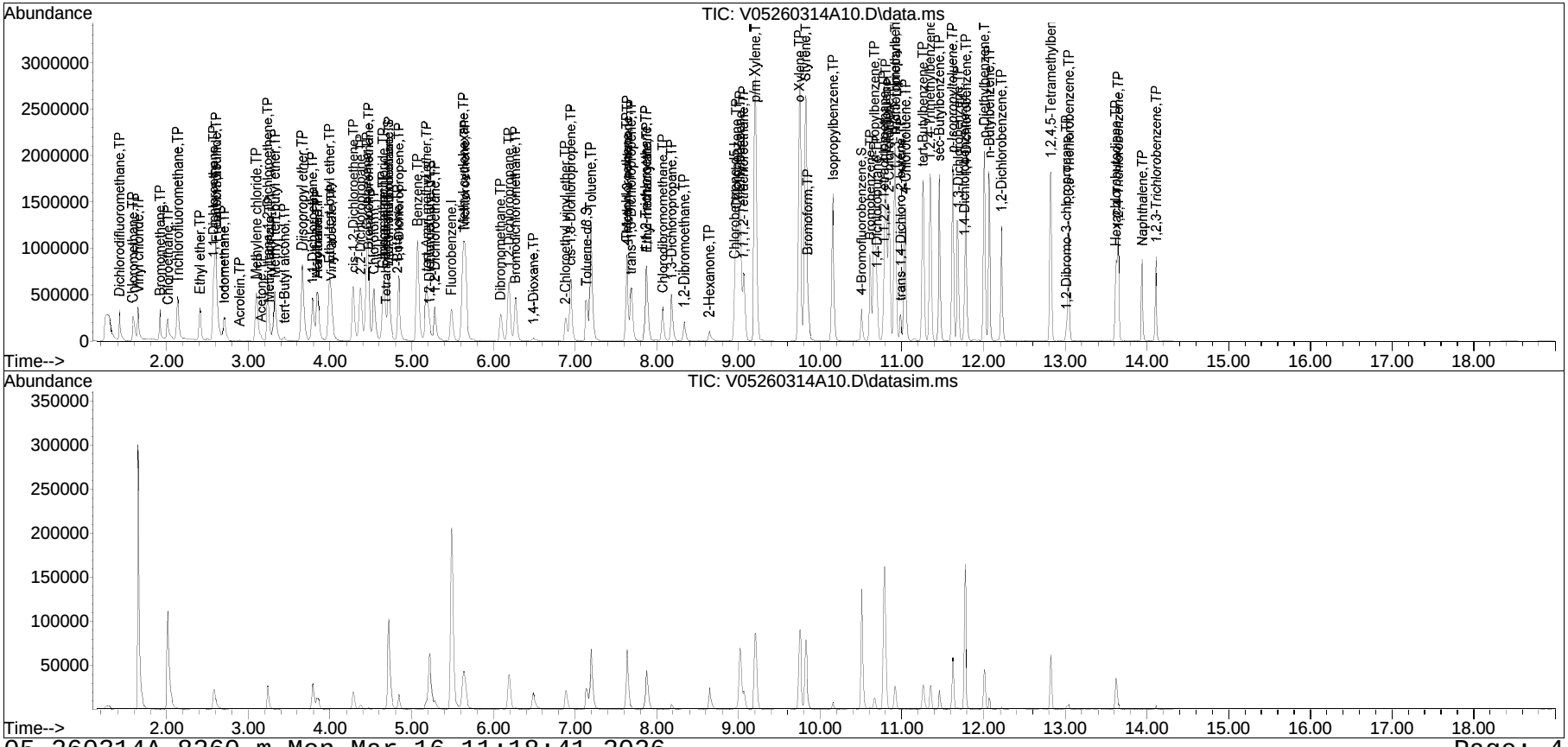
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A10.D
Acq On : 14 Mar 2026 5:07 pm
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 16 07:02:22 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

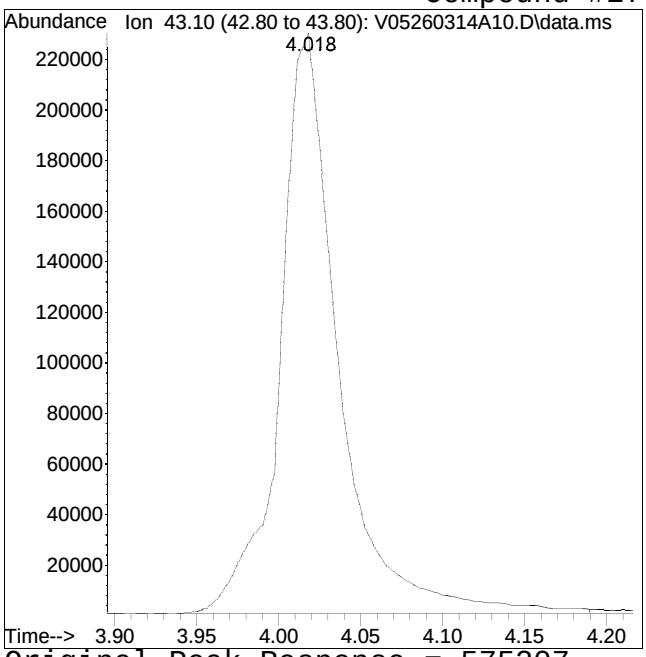
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•



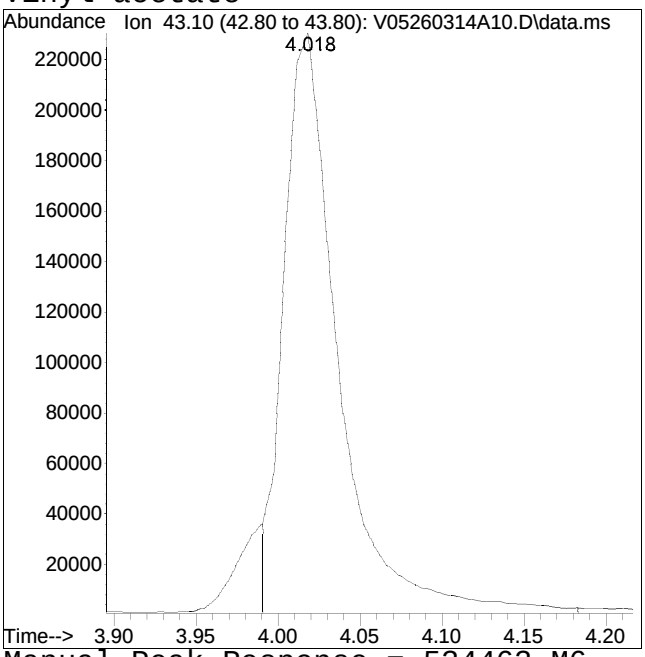
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A10.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:07 pm Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 3/16/2026 6:53 am

Compound #27: Vinyl acetate



Original Peak Response = 575207



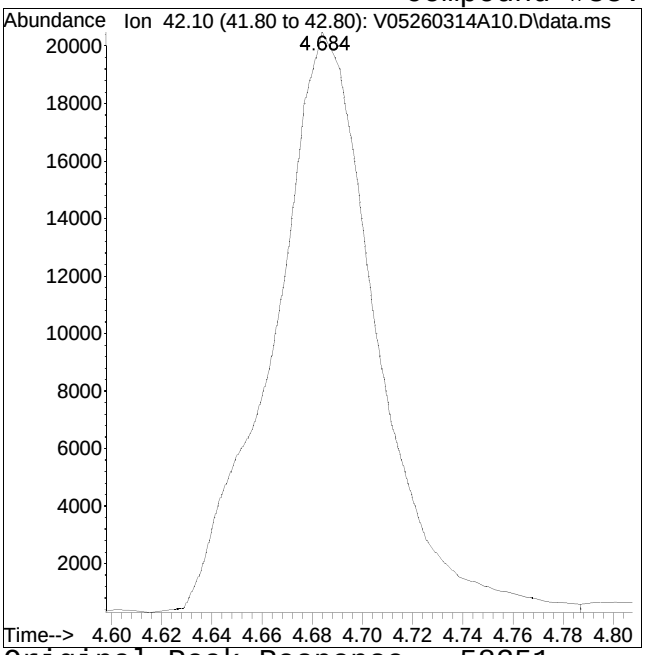
Manual Peak Response = 534463 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

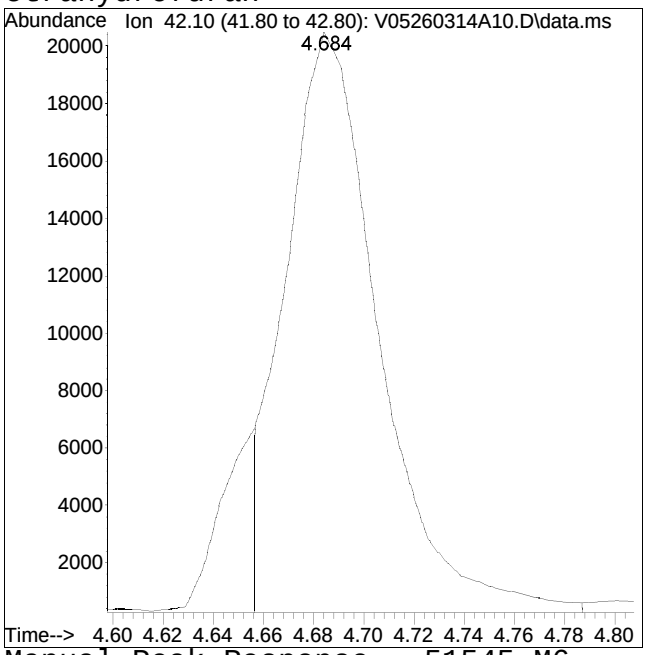
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A10.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:07 pm Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 3/16/2026 6:53 am

Compound #35: Tetrahydrofuran



Original Peak Response = 58351



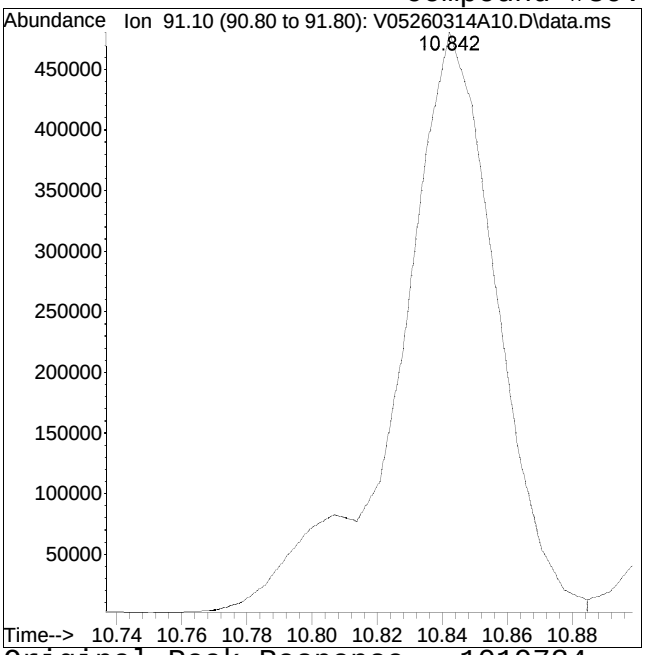
Manual Peak Response = 51545 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

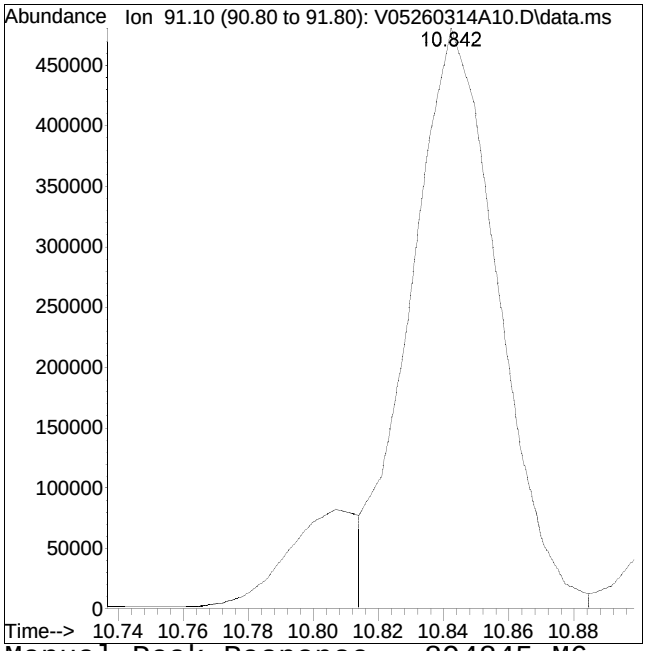
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A10.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:07 pm Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 3/16/2026 6:53 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 1019734



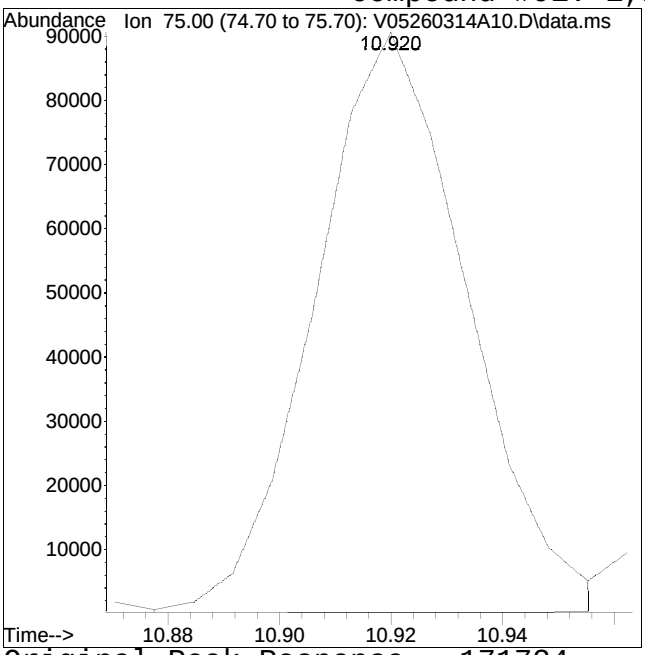
Manual Peak Response = 894845 M6

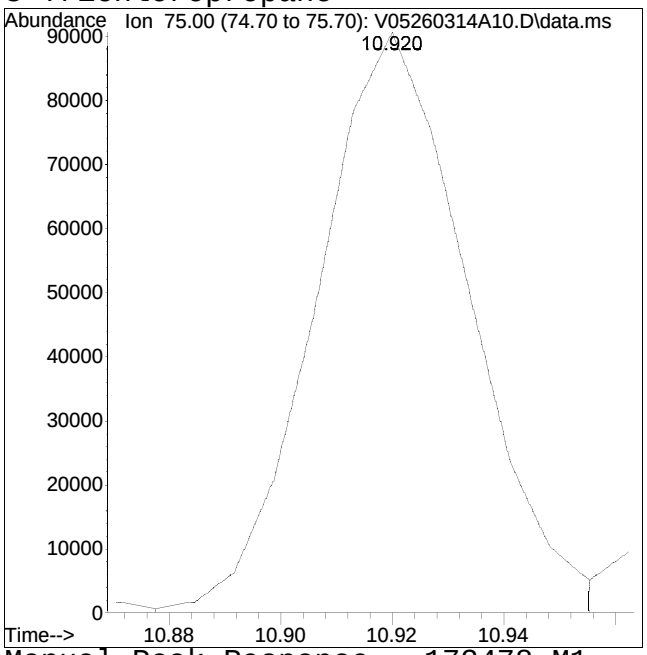
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A10.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:07 pm Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 3/16/2026 6:53 am

Compound #91: 1,2,3-Trichloropropane





Original Peak Response = 171724 Manual Peak Response = 172478 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A11.D
Acq On : 14 Mar 2026 5:32 pm
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 16 07:03:55 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	358415	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 101.16%			
59) Chlorobenzene-d5	8.956	117	265427	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 101.37%			
79) 1,4-Dichlorobenzene-d4	11.769	152	146655	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 103.08%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	91684	9.537	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.37%			
43) 1,2-Dichloroethane-d4	5.217	65	112253	9.359	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.59%			
60) Toluene-d8	7.143	98	360360	9.924	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.24%			
83) 4-Bromofluorobenzene	10.510	95	139717	9.814	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	827372	98.888	ug/L	99
3) Chloromethane	1.588	50	933805	83.092	ug/L	99
4) Vinyl chloride	1.650	62	944135	87.490	ug/L	99
5) Bromomethane	1.918	94	463992	85.296	ug/L	95
6) Chloroethane	2.007	64	613784	78.865	ug/L	99
7) Trichlorofluoromethane	2.137	101	1174748	93.034	ug/L	99
8) Ethyl ether	2.405	74	352696	83.383	ug/L	97
10) 1,1-Dichloroethene	2.577	96	668752	86.138	ug/L	98
11) Carbon disulfide	2.604	76	2313098	87.227	ug/L	100
12) Freon-113	2.611	101	691271	96.092	ug/L	87
13) Iodomethane	2.707	142	882842	93.771	ug/L	100
14) Acrolein	2.893	56	34418	81.398	ug/L	100
15) Methylene chloride	3.098	84	694610	78.780	ug/L	99
17) Acetone	3.153	43	115601	83.795	ug/L	98
18) trans-1,2-Dichloroethene	3.236	96	715868	82.148	ug/L	99
19) Methyl acetate	3.249	43	311162	96.262	ug/L #	91
20) Methyl tert-butyl ether	3.325	73	1619282	85.403	ug/L	97
21) tert-Butyl alcohol	3.442	59	171379	435.258	ug/L #	86
22) Diisopropyl ether	3.661	45	2421132	84.834	ug/L	100
23) 1,1-Dichloroethane	3.785	63	1421442	79.648	ug/L	100
24) Halothane	3.847	117	543004	87.433	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A11.D
Acq On : 14 Mar 2026 5:32 pm
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 16 07:03:55 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	3.847	53	169543	86.137	ug/L	98
26) Ethyl tert-butyl ether	3.991	59	2049589	86.136	ug/L	97
27) Vinyl acetate	4.011	43	1465791M6	92.906	ug/L	
28) cis-1,2-Dichloroethene	4.286	96	781546	79.084	ug/L	98
29) 2,2-Dichloropropane	4.375	77	1196958	83.127	ug/L	98
30) Bromochloromethane	4.471	128	325434	79.209	ug/L	99
31) Cyclohexane	4.451	56	1557957	94.333	ug/L	99
32) Chloroform	4.540	83	1294526	79.922	ug/L	100
33) Ethyl acetate	4.650	43	464345	92.641	ug/L	97
34) Carbon tetrachloride	4.650	117	1112284	89.585	ug/L	98
35) Tetrahydrofuran	4.684	42	137107M6	71.221	ug/L	
37) 1,1,1-Trichloroethane	4.718	97	1209018	85.633	ug/L	97
39) 2-Butanone	4.828	43	189690	92.667	ug/L	94
40) 1,1-Dichloropropene	4.835	75	1039038	86.307	ug/L	100
41) Benzene	5.076	78	2803969	80.064	ug/L	99
42) tert-Amyl methyl ether	5.182	73	1606194	87.530	ug/L	99
44) 1,2-Dichloroethane	5.280	62	942651	80.449	ug/L	99
47) Methyl cyclohexane	5.633	83	1363465	98.016	ug/L	99
48) Trichloroethene	5.661	95	778055	85.657	ug/L	98
50) Dibromomethane	6.092	93	386673	83.723	ug/L	99
51) 1,2-Dichloropropane	6.191	63	775448	81.784	ug/L	100
53) 2-Chloroethyl vinyl ether	6.882	63	387904	89.123	ug/L	98
54) Bromodichloromethane	6.268	83	1002770	82.463	ug/L	100
57) 1,4-Dioxane	6.487	88	37786	861.407	ug/L	98
58) cis-1,3-Dichloropropene	6.946	75	1180887	85.322	ug/L	99
61) Toluene	7.193	92	1842365	83.868	ug/L	100
62) 4-Methyl-2-pentanone	7.637	58	160164	89.066	ug/L	100
63) Tetrachloroethene	7.630	166	823984	88.648	ug/L	99
65) trans-1,3-Dichloropropene	7.686	75	993861	87.100	ug/L	95
67) Ethyl methacrylate	7.877	69	637874	85.200	ug/L	99
68) 1,1,2-Trichloroethane	7.870	83	436331	84.154	ug/L	100
69) Chlorodibromomethane	8.075	129	677393	89.075	ug/L	100
70) 1,3-Dichloropropane	8.180	76	927267	83.858	ug/L	100
71) 1,2-Dibromoethane	8.336	107	514950	86.844	ug/L	98
72) 2-Hexanone	8.639	43	274378	90.482	ug/L	98
73) Chlorobenzene	8.978	112	1974224	82.802	ug/L	100
74) Ethylbenzene	9.020	91	3674455	84.511	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.069	131	707692	86.774	ug/L	99
76) p/m Xylene	9.203	106	2736982	168.410	ug/L	97
77) o Xylene	9.747	106	2647352	170.754	ug/L	99

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A11.D
Acq On : 14 Mar 2026 5:32 pm
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 16 07:03:55 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.824	104	4413898	176.046	ug/L	100
80) Bromoform	9.853	173	404661	92.230	ug/L	99
82) Isopropylbenzene	10.156	105	3963447	86.579	ug/L	100
84) Bromobenzene	10.616	156	782068	83.947	ug/L	100
85) n-Propylbenzene	10.672	91	4429446	87.098	ug/L	100
86) 1,4-Dichlorobutane	10.701	55	1029254	84.445	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.786	83	590998	85.466	ug/L	100
88) 4-Ethyltoluene	10.807	105	3505282	85.274	ug/L	99
89) 2-Chlorotoluene	10.842	91	2496567M6	83.986	ug/L	
90) 1,3,5-Trimethylbenzene	10.913	105	2999516	84.698	ug/L	99
91) 1,2,3-Trichloropropane	10.920	75	486009M1	86.529	ug/L	
92) trans-1,4-Dichloro-2-b...	10.984	53	201276	81.333	ug/L	91
93) 4-Chlorotoluene	11.040	91	2554339	84.786	ug/L	99
94) tert-Butylbenzene	11.260	119	2565518	88.539	ug/L	99
97) 1,2,4-Trimethylbenzene	11.351	105	2926206	84.108	ug/L	99
98) sec-Butylbenzene	11.458	105	3782477	89.585	ug/L	100
99) p-Isopropyltoluene	11.627	119	3220905	88.207	ug/L	100
100) 1,3-Dichlorobenzene	11.691	146	1563507	85.276	ug/L	100
101) 1,4-Dichlorobenzene	11.783	146	1550992	84.034	ug/L	99
102) p-Diethylbenzene	12.009	119	1888883	88.260	ug/L	99
103) n-Butylbenzene	12.066	91	2904654	90.032	ug/L	100
104) 1,2-Dichlorobenzene	12.222	146	1375547	84.560	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.823	119	2769976	89.812	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.014	155	84959	87.991	ug/L	99
107) 1,3,5-Trichlorobenzene	13.042	180	1056026	85.994	ug/L	99
108) Hexachlorobutadiene	13.622	225	404083	91.345	ug/L	99
109) 1,2,4-Trichlorobenzene	13.650	180	864855	84.670	ug/L	99
110) Naphthalene	13.940	128	1678378	85.615	ug/L	100
111) 1,2,3-Trichlorobenzene	14.110	180	690223	86.012	ug/L	99

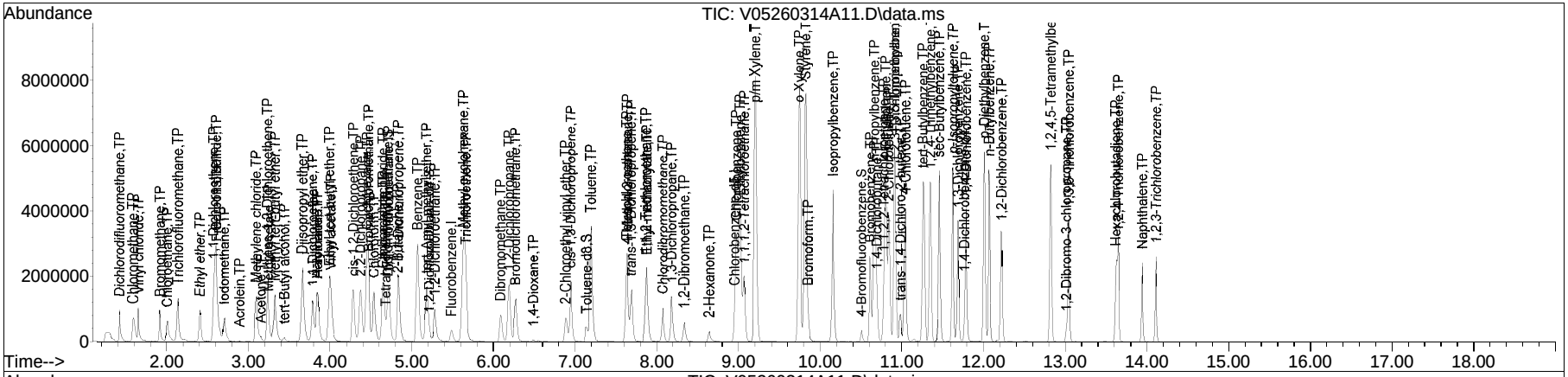
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A11.D
Acq On : 14 Mar 2026 5:32 pm
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 16 07:03:55 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

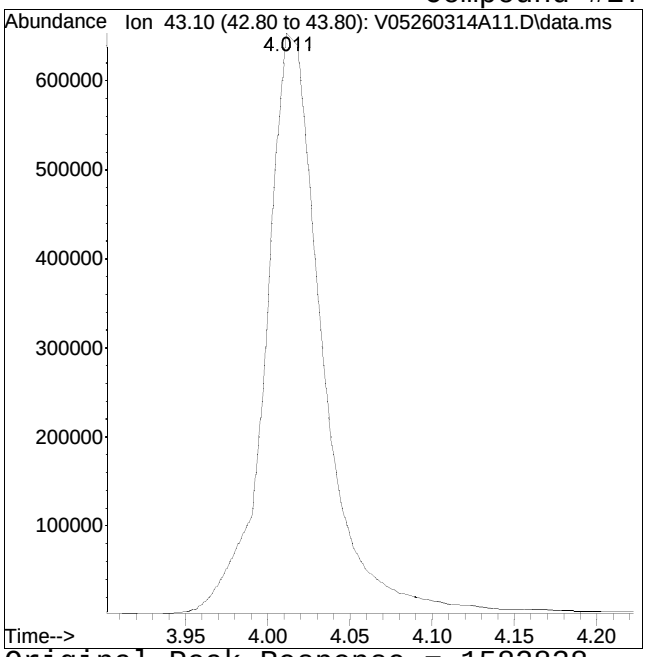
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•



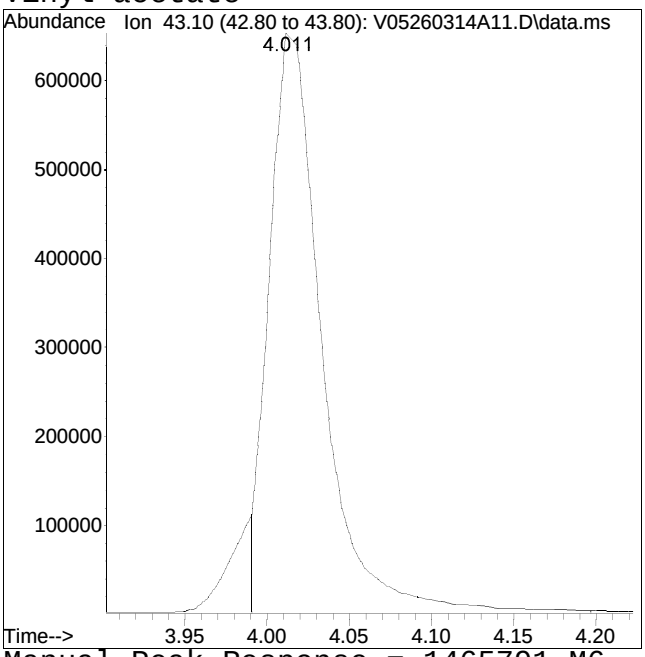
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A11.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:32 pm Instrument : VOA105
Sample : I8260STD80PPB Quant Date : 3/16/2026 6:53 am

Compound #27: Vinyl acetate



Original Peak Response = 1582838



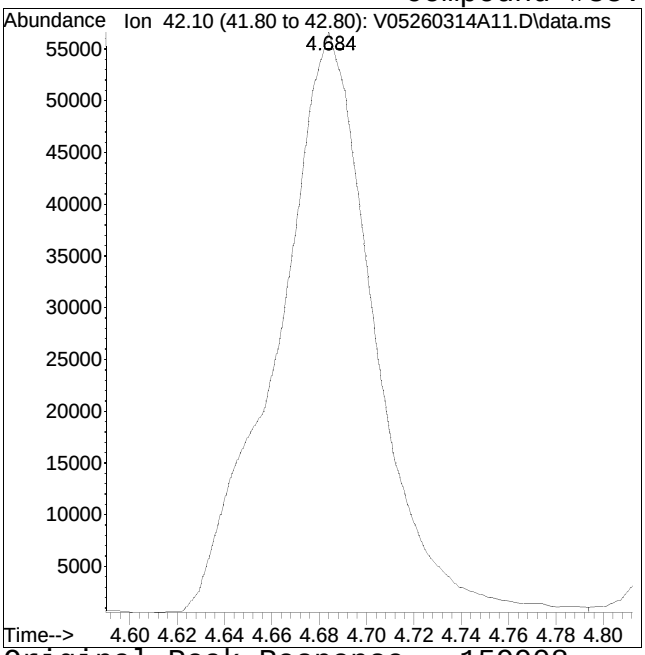
Manual Peak Response = 1465791 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

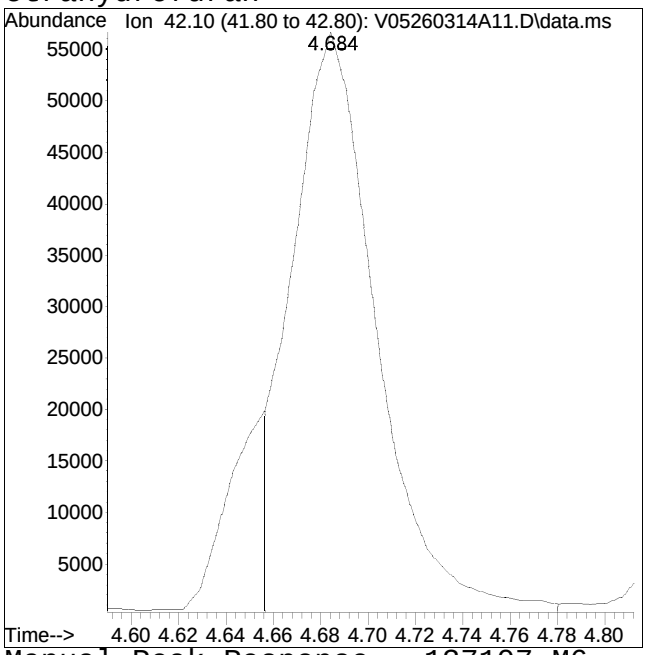
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A11.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:32 pm Instrument : VOA105
Sample : I8260STD80PPB Quant Date : 3/16/2026 6:53 am

Compound #35: Tetrahydrofuran



Original Peak Response = 159908



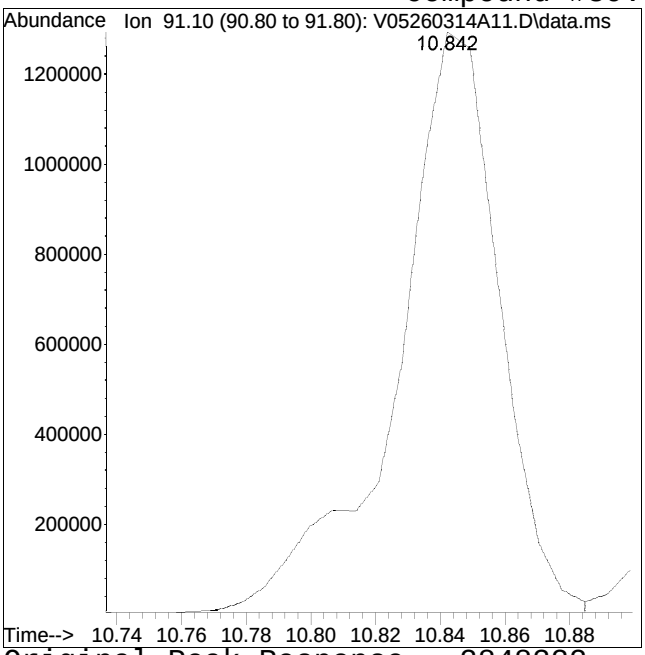
Manual Peak Response = 137107 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

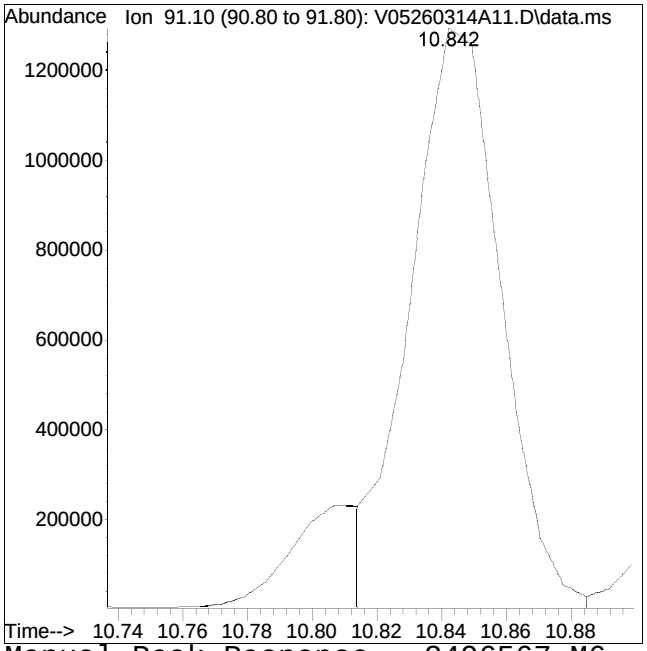
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A11.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:32 pm Instrument : VOA105
Sample : I8260STD80PPB Quant Date : 3/16/2026 6:53 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 2848322



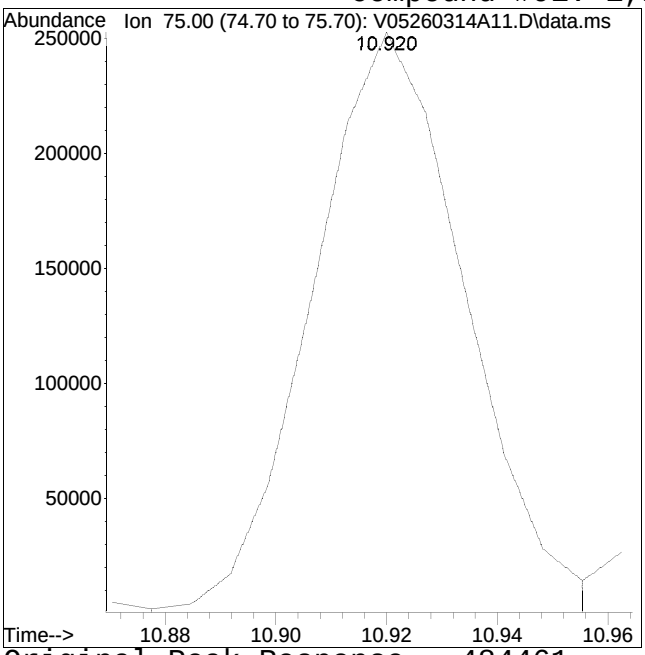
Manual Peak Response = 2496567 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

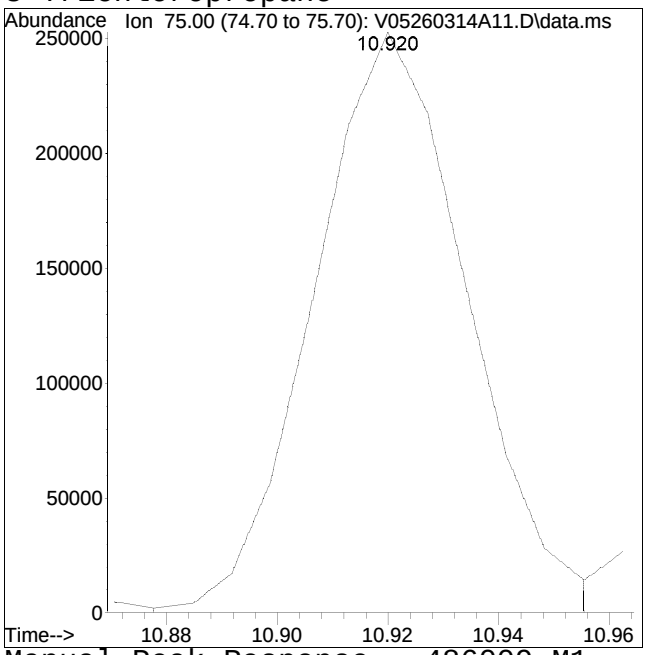
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A11.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:32 pm Instrument : VOA105
Sample : I8260STD80PPB Quant Date : 3/16/2026 6:53 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 484461



Manual Peak Response = 486009 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A12.D
Acq On : 14 Mar 2026 5:57 pm
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 07:04:59 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	370320	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 104.52%			
59) Chlorobenzene-d5	8.956	117	278099	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 106.21%			
79) 1,4-Dichlorobenzene-d4	11.776	152	152719	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 107.34%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	94398	9.503	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.03%			
43) 1,2-Dichloroethane-d4	5.217	65	114913	9.273	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.73%			
60) Toluene-d8	7.143	98	373711	9.823	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.23%			
83) 4-Bromofluorobenzene	10.510	95	144885	9.772	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	1197994	138.582	ug/L	99
3) Chloromethane	1.588	50	1391164	119.810	ug/L	99
4) Vinyl chloride	1.650	62	1382587	124.001	ug/L	99
5) Bromomethane	1.918	94	742336	132.077	ug/L	97
6) Chloroethane	2.007	64	850012	105.706	ug/L	99
7) Trichlorofluoromethane	2.131	101	1681583	128.891	ug/L	100
8) Ethyl ether	2.405	74	552859	126.502	ug/L	97
10) 1,1-Dichloroethene	2.577	96	988096	123.179	ug/L	99
11) Carbon disulfide	2.604	76	3455864	126.131	ug/L	100
12) Freon-113	2.604	101	1013142	136.307	ug/L	90
13) Iodomethane	2.707	142	1325935	136.306	ug/L	100
14) Acrolein	2.892	56	54705	125.218	ug/L	100
15) Methylene chloride	3.098	84	1057621	116.095	ug/L	99
17) Acetone	3.146	43	187447	131.505	ug/L	99
18) trans-1,2-Dichloroethene	3.236	96	1071869	119.045	ug/L	99
19) Methyl acetate	3.249	43	500249	149.783	ug/L #	91
20) Methyl tert-butyl ether	3.325	73	2540207	129.667	ug/L	97
21) tert-Butyl alcohol	3.442	59	289309	711.149	ug/L	88
22) Diisopropyl ether	3.661	45	3727339	126.403	ug/L	100
23) 1,1-Dichloroethane	3.785	63	2132931	115.673	ug/L	100
24) Halothane	3.847	117	802958	125.134	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A12.D
Acq On : 14 Mar 2026 5:57 pm
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 07:04:59 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.847	53	269392	132.465	ug/L		97
26) Ethyl tert-butyl ether	3.991	59	3203207	130.290	ug/L		97
27) Vinyl acetate	4.011	43	2394828M6	146.911	ug/L		
28) cis-1,2-Dichloroethene	4.279	96	1180852	115.648	ug/L		99
29) 2,2-Dichloropropane	4.375	77	1772104	119.113	ug/L		98
30) Bromochloromethane	4.471	128	487085	114.742	ug/L		98
31) Cyclohexane	4.451	56	2274239	133.276	ug/L		99
32) Chloroform	4.540	83	1948863	116.452	ug/L		100
33) Ethyl acetate	4.650	43	749003	144.629	ug/L	#	95
34) Carbon tetrachloride	4.650	117	1644005	128.153	ug/L		98
35) Tetrahydrofuran	4.684	42	217206M6	109.201	ug/L		
37) 1,1,1-Trichloroethane	4.718	97	1788983	122.638	ug/L		96
39) 2-Butanone	4.828	43	304630	144.034	ug/L		92
40) 1,1-Dichloropropene	4.835	75	1540024	123.809	ug/L		99
41) Benzene	5.076	78	4184198	115.634	ug/L		100
42) tert-Amyl methyl ether	5.182	73	2540894	134.016	ug/L		98
44) 1,2-Dichloroethane	5.280	62	1449373	119.717	ug/L		99
47) Methyl cyclohexane	5.633	83	2029499	141.206	ug/L		98
48) Trichloroethene	5.654	95	1166251	124.266	ug/L		98
50) Dibromomethane	6.092	93	597745	125.264	ug/L		99
51) 1,2-Dichloropropane	6.191	63	1177958	120.241	ug/L		99
53) 2-Chloroethyl vinyl ether	6.882	63	606141	134.787	ug/L		97
54) Bromodichloromethane	6.268	83	1534577	122.140	ug/L		100
57) 1,4-Dioxane	6.480	88	60108	1326.230	ug/L		99
58) cis-1,3-Dichloropropene	6.946	75	1819526	127.239	ug/L		98
61) Toluene	7.192	92	2788522	121.155	ug/L		100
62) 4-Methyl-2-pentanone	7.637	58	263734	139.978	ug/L		97
63) Tetrachloroethene	7.630	166	1238023	127.124	ug/L		99
65) trans-1,3-Dichloropropene	7.686	75	1531293	128.084	ug/L		95
67) Ethyl methacrylate	7.877	69	1021782	130.259	ug/L		100
68) 1,1,2-Trichloroethane	7.870	83	678276	124.856	ug/L		100
69) Chlorodibromomethane	8.074	129	1056412	132.585	ug/L		99
70) 1,3-Dichloropropane	8.180	76	1431765	123.582	ug/L		99
71) 1,2-Dibromoethane	8.335	107	802110	129.109	ug/L		98
72) 2-Hexanone	8.639	43	448291	141.097	ug/L		98
73) Chlorobenzene	8.978	112	3015446	120.710	ug/L		100
74) Ethylbenzene	9.020	91	5570525	122.282	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.069	131	1082371	126.668	ug/L		99
76) p/m Xylene	9.203	106	4201492	246.743	ug/L		98
77) o Xylene	9.747	106	4088473	251.690	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A12.D
Acq On : 14 Mar 2026 5:57 pm
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 07:04:59 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.824	104	6835043	260.190	ug/L	99
80) Bromoform	9.852	173	639885	140.051	ug/L	100
82) Isopropylbenzene	10.156	105	6087305	127.693	ug/L	100
84) Bromobenzene	10.616	156	1201035	123.799	ug/L	100
85) n-Propylbenzene	10.672	91	6742049	127.308	ug/L	100
86) 1,4-Dichlorobutane	10.701	55	1615459	127.277	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.786	83	947203	131.539	ug/L	99
88) 4-Ethyltoluene	10.807	105	5331278	124.546	ug/L	100
89) 2-Chlorotoluene	10.842	91	3820874M6	123.433	ug/L	
90) 1,3,5-Trimethylbenzene	10.913	105	4575370	124.066	ug/L	99
91) 1,2,3-Trichloropropane	10.920	75	778085	133.029	ug/L	99
92) trans-1,4-Dichloro-2-b...	10.984	53	330460	128.233	ug/L	92
93) 4-Chlorotoluene	11.040	91	3923108	125.049	ug/L	98
94) tert-Butylbenzene	11.267	119	3921256	129.954	ug/L	99
97) 1,2,4-Trimethylbenzene	11.351	105	4505125	124.349	ug/L	100
98) sec-Butylbenzene	11.458	105	5796347	131.830	ug/L	100
99) p-Isopropyltoluene	11.627	119	4905590	129.009	ug/L	100
100) 1,3-Dichlorobenzene	11.691	146	2402388	125.828	ug/L	99
101) 1,4-Dichlorobenzene	11.790	146	2367218	123.165	ug/L	99
102) p-Diethylbenzene	12.009	119	2874784	128.994	ug/L	99
103) n-Butylbenzene	12.073	91	4421598	131.609	ug/L	99
104) 1,2-Dichlorobenzene	12.221	146	2134523	126.007	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.823	119	4293206	133.673	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.014	155	139871	139.111	ug/L	99
107) 1,3,5-Trichlorobenzene	13.042	180	1596871	124.872	ug/L	99
108) Hexachlorobutadiene	13.622	225	611150	132.667	ug/L	99
109) 1,2,4-Trichlorobenzene	13.650	180	1328789	124.925	ug/L	99
110) Naphthalene	13.940	128	2686304	131.590	ug/L	100
111) 1,2,3-Trichlorobenzene	14.110	180	1080703	129.324	ug/L	99

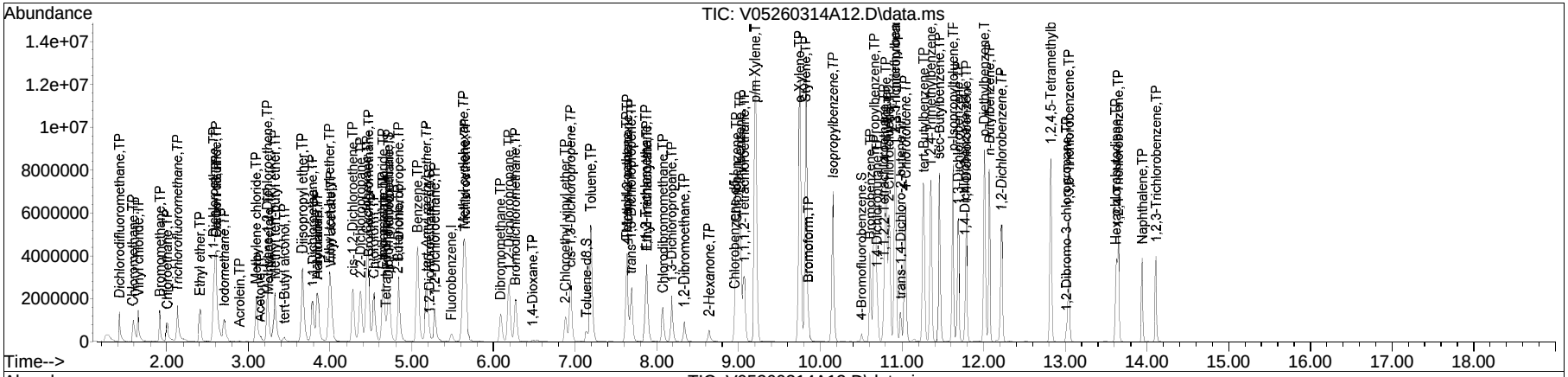
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A12.D
Acq On : 14 Mar 2026 5:57 pm
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 07:04:59 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

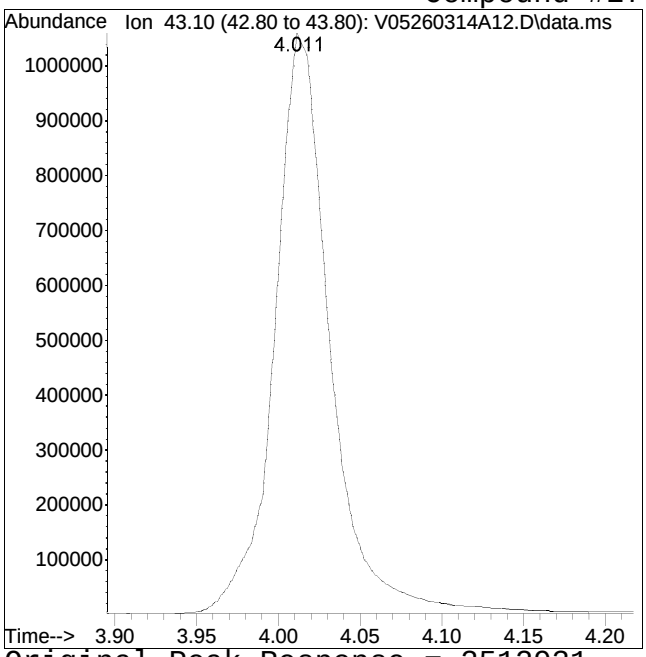
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•



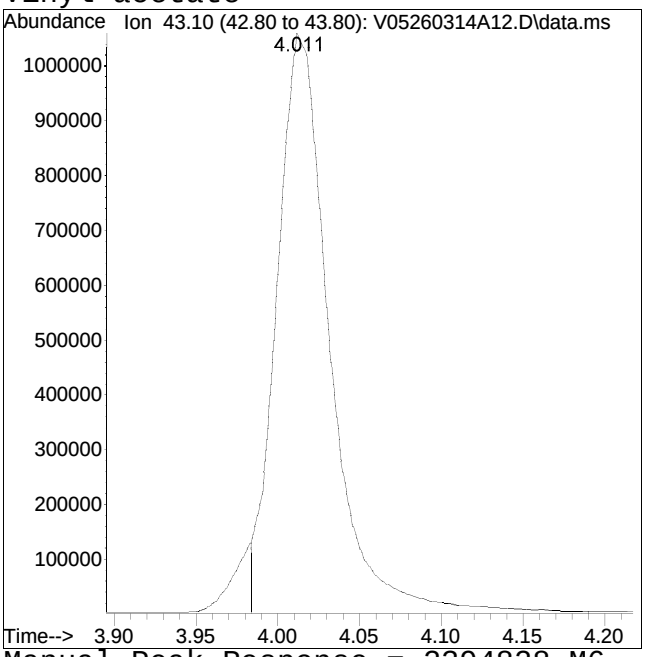
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A12.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:57 pm Instrument : VOA105
Sample : I8260STD120PPB Quant Date : 3/16/2026 6:53 am

Compound #27: Vinyl acetate



Original Peak Response = 2512931



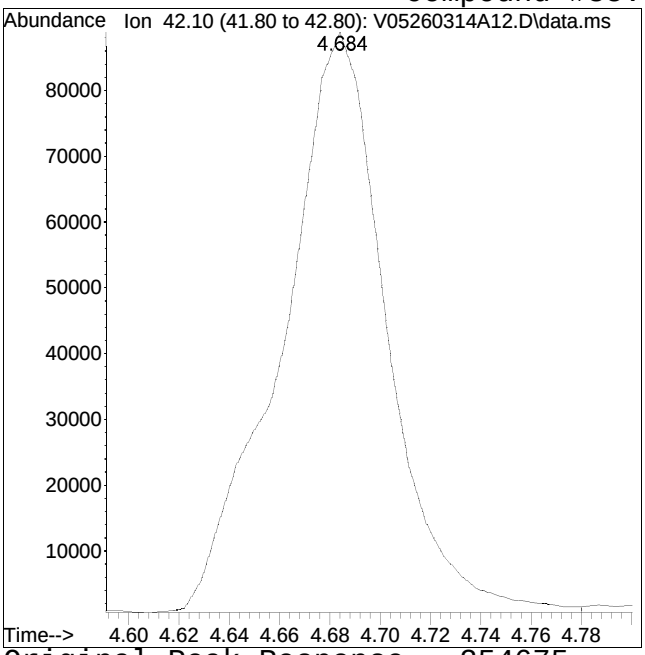
Manual Peak Response = 2394828 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

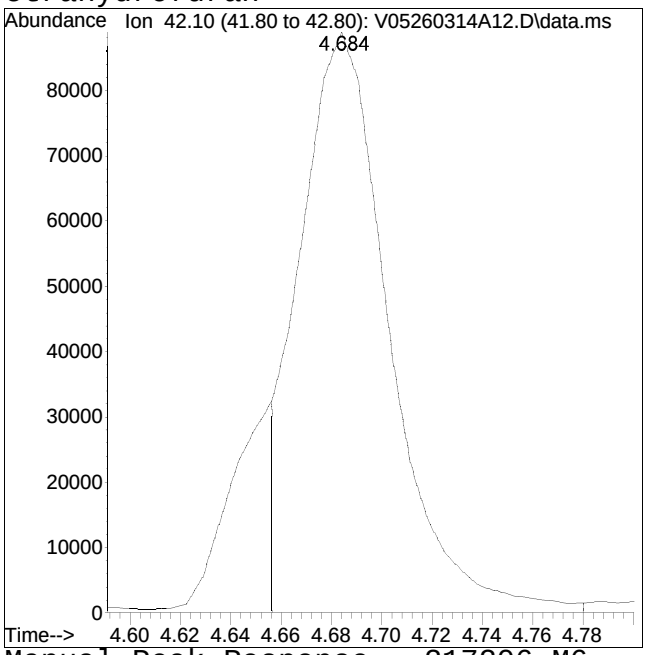
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A12.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:57 pm Instrument : VOA105
Sample : I8260STD120PPB Quant Date : 3/16/2026 6:53 am

Compound #35: Tetrahydrofuran



Original Peak Response = 254675



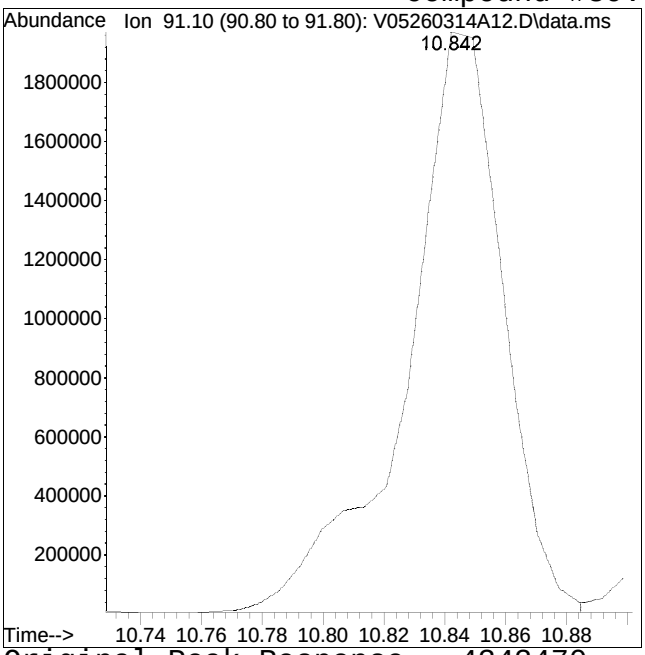
Manual Peak Response = 217206 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

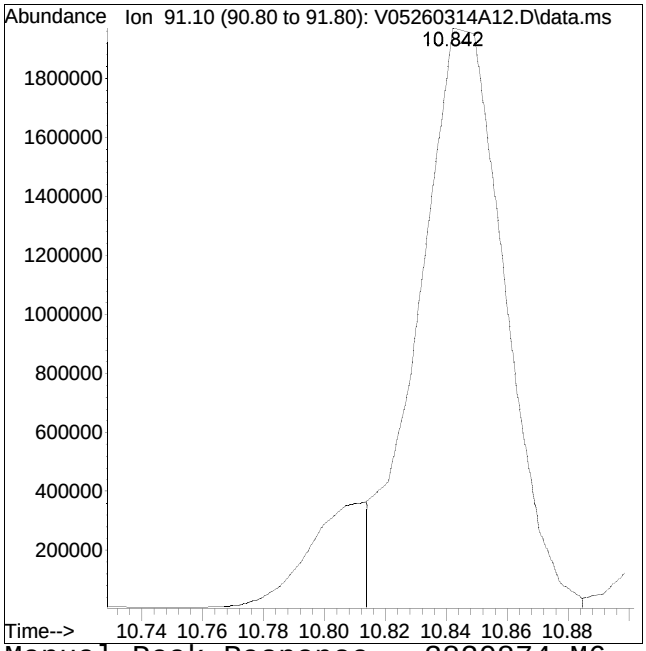
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A12.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 5:57 pm Instrument : VOA105
Sample : I8260STD120PPB Quant Date : 3/16/2026 6:53 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 4343470



Manual Peak Response = 3820874 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A13.D
Acq On : 14 Mar 2026 6:23 pm
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 16 07:06:03 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	374199	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 105.61%			
59) Chlorobenzene-d5	8.964	117	287884	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 109.94%			
79) 1,4-Dichlorobenzene-d4	11.776	152	156250	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 109.82%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.712	113	95107	9.475	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.75%			
43) 1,2-Dichloroethane-d4	5.217	65	121103	9.671	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.71%			
60) Toluene-d8	7.143	98	383457	9.736	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.36%			
83) 4-Bromofluorobenzene	10.510	95	149800	9.876	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	2176500	249.164	ug/L	99
3) Chloromethane	1.589	50	2473229	210.791	ug/L	100
4) Vinyl chloride	1.644	62	2456568	218.040	ug/L	99
5) Bromomethane	1.918	94	1363386	240.061	ug/L	97
6) Chloroethane	2.000	64	1271905	156.532	ug/L	99
7) Trichlorofluoromethane	2.131	101	3011925	228.467	ug/L	99
8) Ethyl ether	2.405	74	932344	211.123	ug/L	97
10) 1,1-Dichloroethene	2.577	96	1801785	222.288	ug/L	99
11) Carbon disulfide	2.598	76	6203675	224.073	ug/L	100
12) Freon-113	2.604	101	1834089	244.199	ug/L	88
13) Iodomethane	2.701	142	2261446	230.066	ug/L	100
14) Acrolein	2.886	56	90433	204.852	ug/L	96
15) Methylene chloride	3.092	84	1849256	200.889	ug/L	98
17) Acetone	3.147	43	318179	220.908	ug/L	99
18) trans-1,2-Dichloroethene	3.229	96	1900539	208.892	ug/L	99
19) Methyl acetate	3.250	43	793557	235.142	ug/L	94
20) Methyl tert-butyl ether	3.325	73	4278743	216.148	ug/L	98
21) tert-Butyl alcohol	3.442	59	468756	1140.302	ug/L	89
22) Diisopropyl ether	3.662	45	6405527	214.975	ug/L	99
23) 1,1-Dichloroethane	3.785	63	3734480	200.428	ug/L	100
24) Halothane	3.847	117	1441518	222.320	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A13.D
Acq On : 14 Mar 2026 6:23 pm
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 16 07:06:03 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	3.840	53	454501	221.171	ug/L	98
26) Ethyl tert-butyl ether	3.991	59	5493773	221.142	ug/L	98
27) Vinyl acetate	4.012	43	3994770M6	242.520	ug/L	
28) cis-1,2-Dichloroethene	4.279	96	2077821	201.385	ug/L	99
29) 2,2-Dichloropropane	4.369	77	3119058	207.476	ug/L	98
30) Bromochloromethane	4.471	128	823296	191.933	ug/L	98
31) Cyclohexane	4.451	56	4075111	236.336	ug/L	99
32) Chloroform	4.540	83	3398695	200.980	ug/L	100
33) Ethyl acetate	4.650	43	1231451	235.323	ug/L	96
34) Carbon tetrachloride	4.650	117	2959468	228.305	ug/L	98
35) Tetrahydrofuran	4.684	42	352757M6	175.511	ug/L	
37) 1,1,1-Trichloroethane	4.719	97	3188986	216.344	ug/L	96
39) 2-Butanone	4.828	43	504168	235.907	ug/L	95
40) 1,1-Dichloropropene	4.835	75	2745409	218.427	ug/L	99
41) Benzene	5.076	78	7347655	200.954	ug/L	100
42) tert-Amyl methyl ether	5.182	73	4350237	227.068	ug/L	98
44) 1,2-Dichloroethane	5.281	62	2500661	204.412	ug/L	99
47) Methyl cyclohexane	5.633	83	3575414	246.186	ug/L	98
48) Trichloroethene	5.655	95	2112885	222.797	ug/L	97
50) Dibromomethane	6.092	93	1033834	214.405	ug/L	99
51) 1,2-Dichloropropane	6.191	63	2048383	206.923	ug/L	99
53) 2-Chloroethyl vinyl ether	6.882	63	1042037	229.315	ug/L	97
54) Bromodichloromethane	6.268	83	2686193	211.583	ug/L	100
57) 1,4-Dioxane	6.480	88	98750	2156.246	ug/L	98
58) cis-1,3-Dichloropropene	6.946	75	3174079	219.662	ug/L	98
61) Toluene	7.193	92	5021009	210.737	ug/L	99
62) 4-Methyl-2-pentanone	7.637	58	437302	224.212	ug/L	95
63) Tetrachloroethene	7.630	166	2224793	220.683	ug/L	99
65) trans-1,3-Dichloropropene	7.687	75	2648542	214.006	ug/L	95
67) Ethyl methacrylate	7.877	69	1727954	212.797	ug/L	99
68) 1,1,2-Trichloroethane	7.870	83	1178938	209.641	ug/L	100
69) Chlorodibromomethane	8.075	129	1831436	222.041	ug/L	100
70) 1,3-Dichloropropane	8.181	76	2459131	205.044	ug/L	99
71) 1,2-Dibromoethane	8.336	107	1384826	215.327	ug/L	98
72) 2-Hexanone	8.632	43	736872	224.044	ug/L	98
73) Chlorobenzene	8.978	112	5386924	208.312	ug/L	99
74) Ethylbenzene	9.020	91	9964840	211.310	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.070	131	1903915	215.238	ug/L	99
76) p/m Xylene	9.211	106	7557910	428.771	ug/L	99
77) o Xylene	9.754	106	7298768	434.046	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A13.D
Acq On : 14 Mar 2026 6:23 pm
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 16 07:06:03 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.825	104	11911522	438.024	ug/L	98
80) Bromoform	9.853	173	1104030	236.177	ug/L	99
82) Isopropylbenzene	10.156	105	10759039	220.591	ug/L	100
84) Bromobenzene	10.623	156	2138290	215.428	ug/L	100
85) n-Propylbenzene	10.673	91	11982892	221.156	ug/L	99
86) 1,4-Dichlorobutane	10.701	55	2804796	215.987	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.793	83	1627768	220.941	ug/L	100
88) 4-Ethyltoluene	10.814	105	9449854	215.773	ug/L	100
89) 2-Chlorotoluene	10.850	91	6679152M6	210.893	ug/L	
90) 1,3,5-Trimethylbenzene	10.920	105	8099210	214.656	ug/L	99
91) 1,2,3-Trichloropropane	10.920	75	1346277M4	224.971	ug/L	
92) trans-1,4-Dichloro-2-b...	10.984	53	555556	210.708	ug/L	89
93) 4-Chlorotoluene	11.041	91	7094948	221.041	ug/L	98
94) tert-Butylbenzene	11.267	119	6924814	224.309	ug/L	99
97) 1,2,4-Trimethylbenzene	11.352	105	7939092	214.180	ug/L	99
98) sec-Butylbenzene	11.465	105	10026110	222.878	ug/L	99
99) p-Isopropyltoluene	11.628	119	8415096	216.302	ug/L	99
100) 1,3-Dichlorobenzene	11.691	146	4251051	217.622	ug/L	99
101) 1,4-Dichlorobenzene	11.790	146	4209520	214.069	ug/L	99
102) p-Diethylbenzene	12.017	119	4966977	217.836	ug/L	99
103) n-Butylbenzene	12.073	91	7536874	219.266	ug/L	99
104) 1,2-Dichlorobenzene	12.222	146	3754912	216.653	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.823	119	7211781	219.471	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.021	155	233921	227.393	ug/L	98
107) 1,3,5-Trichlorobenzene	13.042	180	2649696	202.519	ug/L	99
108) Hexachlorobutadiene	13.622	225	1025779	217.642	ug/L	99
109) 1,2,4-Trichlorobenzene	13.651	180	2183864	200.674	ug/L	99
110) Naphthalene	13.941	128	4440520	212.605	ug/L	100
111) 1,2,3-Trichlorobenzene	14.110	180	1756276	205.417	ug/L	99

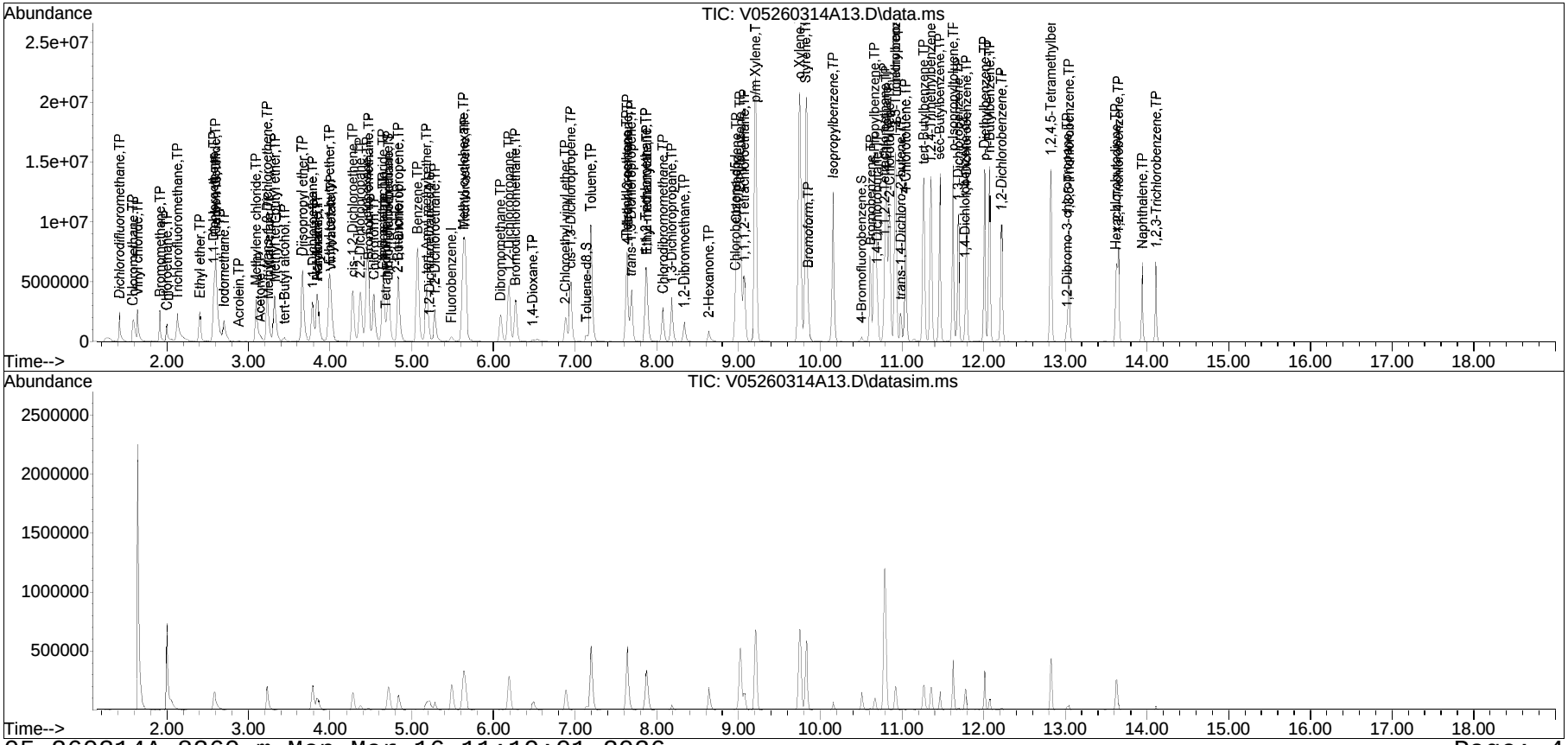
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A13.D
Acq On : 14 Mar 2026 6:23 pm
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 16 07:06:03 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 06:52:26 2026
Response via : Initial Calibration

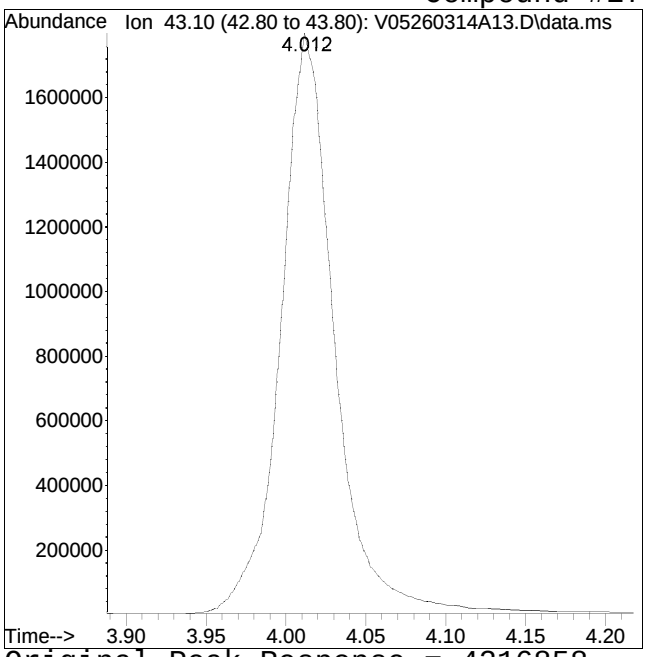
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•



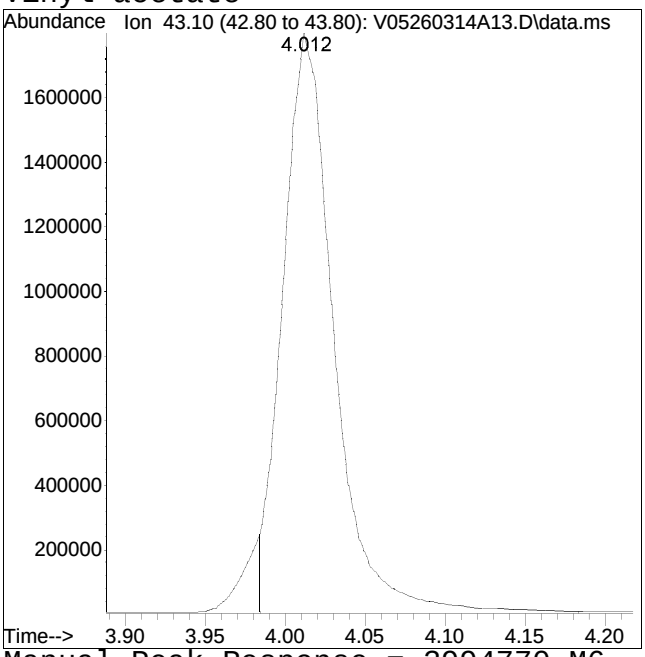
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A13.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 6:23 pm Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 3/16/2026 6:53 am

Compound #27: Vinyl acetate



Original Peak Response = 4216858



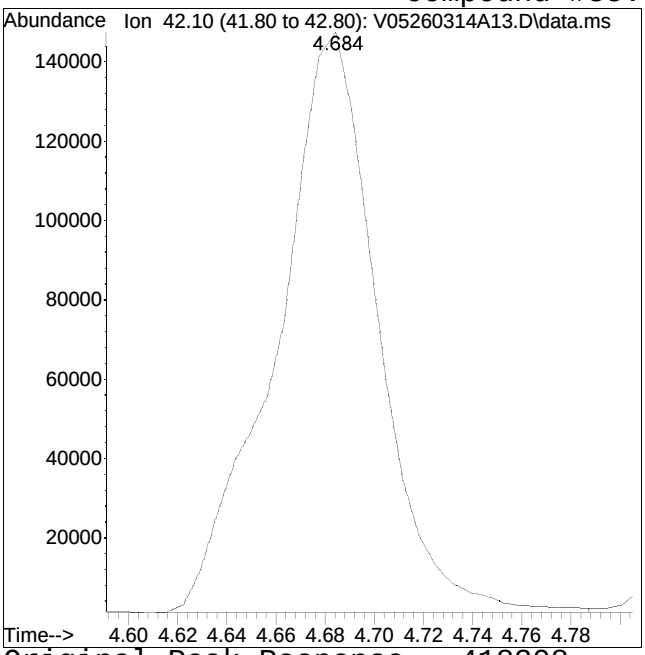
Manual Peak Response = 3994770 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

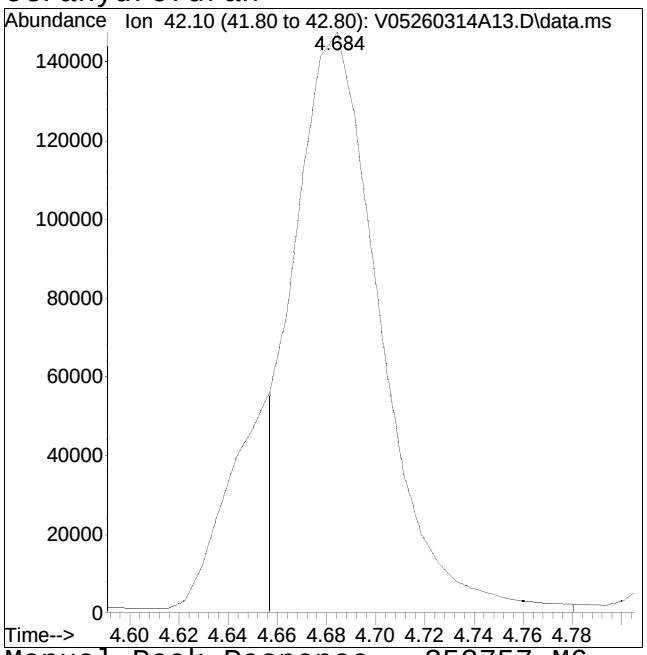
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A13.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 6:23 pm Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 3/16/2026 6:53 am

Compound #35: Tetrahydrofuran



Original Peak Response = 418308



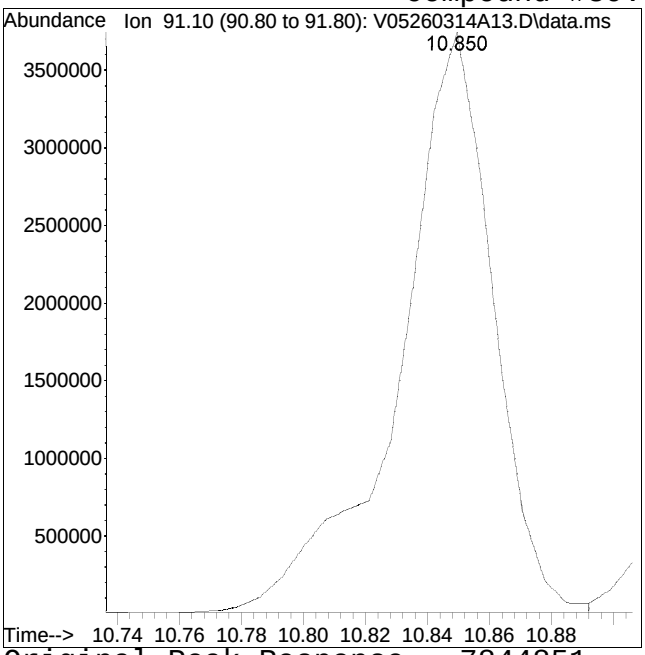
Manual Peak Response = 352757 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

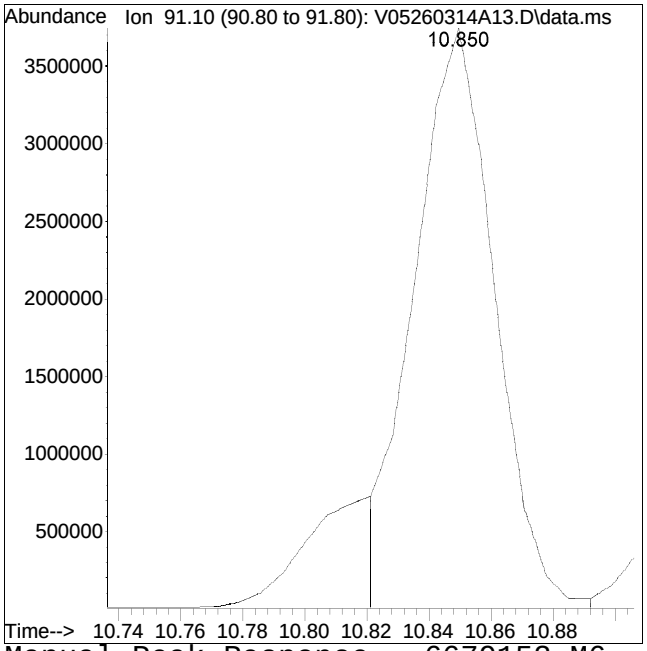
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A13.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 6:23 pm Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 3/16/2026 6:53 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 7844851



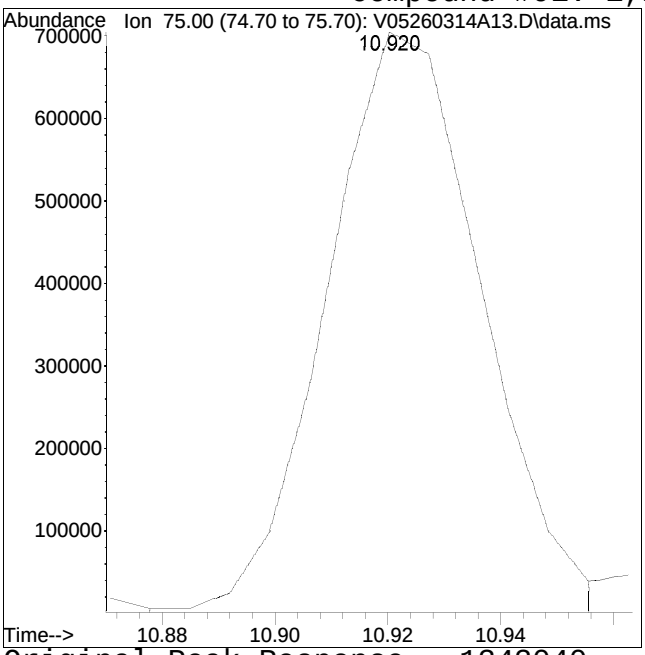
Manual Peak Response = 6679152 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

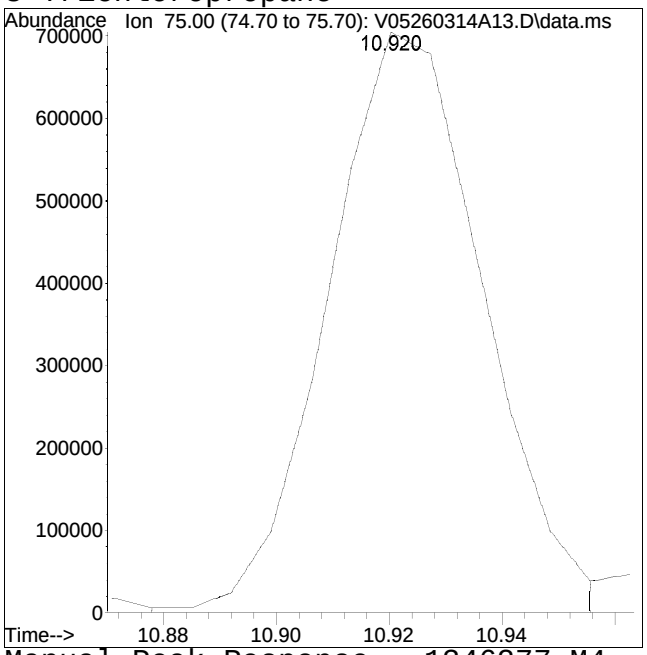
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A13.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 6:23 pm Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 3/16/2026 6:53 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 1343040



Manual Peak Response = 1346277 M4

M4 = Poor automated baseline construction.

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A18.D
Acq On : 14 Mar 2026 8:30 pm
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:11:01 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
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	98	0.00
2	TP	Dichlorodifluoromethane	0.258	0.354	-37.2#	149	0.00
3	TP	Chloromethane	0.320	0.417	-30.3#	130	0.00
4	TP	Vinyl chloride	0.315	0.412	-30.8#	134	0.00
5	TP	Bromomethane	0.158	0.227	-43.7#	147	0.00
6	TP	Chloroethane	0.212	0.248	-17.0	112	0.00
7	TP	Trichlorofluoromethane	0.369	0.422	-14.4	117	0.00
8	TP	Ethyl ether	0.124	0.120	3.2	99	0.00
10	TP	1,1-Dichloroethene	0.232	0.250	-7.8	113	0.00
11	TP	Carbon disulfide	0.765	0.735	3.9	97	0.00
12	TP	Freon-113	0.217	0.263	-21.2#	129	0.00
13	TP	Iodomethane	0.267	0.281	-5.2	105	0.00
14	TP	Acrolein	0.011	0.028	-154.5#	232#	-0.01
15	TP	Methylene chloride	0.253	0.251	0.8	100	0.00
17	TP	Acetone	0.042	0.034	19.0	85	0.00
18	TP	trans-1,2-Dichloroethene	0.244	0.261	-7.0	105	0.00
19	TP	Methyl acetate	0.099	0.083	16.2	90	0.00
20	TP	Methyl tert-butyl ether	0.553	0.489	11.6	91	0.00
21	TP	tert-Butyl alcohol	0.012	0.011	8.3	95	0.00
22	TP	Diisopropyl ether	0.825	0.768	6.9	94	0.00
23	TP	1,1-Dichloroethane	0.495	0.515	-4.0	101	0.00
24	TP	Halothane	0.179	0.195	-8.9	110	0.00
25	TP	Acrylonitrile	0.059	0.051	13.6	91	0.00
26	TP	Ethyl tert-butyl ether	0.694	0.644	7.2	95	0.00
27	TP	Vinyl acetate	0.487	0.348	28.5#	77	0.00
28	TP	cis-1,2-Dichloroethene	0.272	0.278	-2.2	99	0.00
29	TP	2,2-Dichloropropane	0.409	0.407	0.5	99	0.00
30	TP	Bromochloromethane	0.112	0.113	-0.9	96	0.00
31	TP	Cyclohexane	0.504	0.536	-6.3	114	0.00
32	TP	Chloroform	0.456	0.466	-2.2	101	0.00
33	TP	Ethyl acetate	0.154	0.135	12.3	94	0.00
34	TP	Carbon tetrachloride	0.360	0.376	-4.4	106	0.00
35	TP	Tetrahydrofuran	0.051	0.050	2.0	92	0.00
36	S	Dibromofluoromethane	0.265	0.267	-0.8	97	0.00
37	TP	1,1,1-Trichloroethane	0.405	0.432	-6.7	107	0.00
39	TP	2-Butanone	0.062	0.052	16.1	90	0.00
40	TP	1,1-Dichloropropene	0.340	0.374	-10.0	109	0.00
41	TP	Benzene	0.979	1.007	-2.9	101	0.00
42	TP	tert-Amyl methyl ether	0.543	0.494	9.0	94	0.00

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A18.D
Acq On : 14 Mar 2026 8:30 pm
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:11:01 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
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	0.323	0.327	-1.2	96	0.00
44	TP	1,2-Dichloroethane	0.331	0.327	1.2	98	0.00
47	TP	Methyl cyclohexane	0.427	0.440	-3.0	111	0.00
48	TP	Trichloroethene	0.277	0.268	3.2	104	0.00
50	TP	Dibromomethane	0.133	0.131	1.5	99	0.00
51	TP	1,2-Dichloropropane	0.266	0.265	0.4	98	0.00
53	TP	2-Chloroethyl vinyl ether	0.126	0.115	8.7	93	0.00
54	TP	Bromodichloromethane	0.347	0.326	6.1	94	0.00
57	TP	1,4-Dioxane	0.00129	0.00130#	-0.8	104	0.00
58	TP	cis-1,3-Dichloropropene	0.381	0.378	0.8	96	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
60	S	Toluene-d8	1.358	1.365	-0.5	97	0.00
61	TP	Toluene	0.844	0.875	-3.7	103	0.00
62	TP	4-Methyl-2-pentanone	0.075	0.065	13.3	93	0.00
63	TP	Tetrachloroethene	0.354	0.379	-7.1	105	0.00
65	TP	trans-1,3-Dichloropropene	0.423	0.429	-1.4	97	0.00
67	TP	Ethyl methacrylate	0.296	0.279	5.7	96	0.00
68	TP	1,1,2-Trichloroethane	0.203	0.192#	5.4	95	0.00
69	TP	Chlorodibromomethane	0.300	0.287	4.3	98	0.00
70	TP	1,3-Dichloropropane	0.423	0.423	0.0	99	0.00
71	TP	1,2-Dibromoethane	0.231	0.225	2.6	98	0.00
72	TP	2-Hexanone	0.126	0.108	14.3	92	0.00
73	TP	Chlorobenzene	0.908	0.930	-2.4	101	0.00
74	TP	Ethylbenzene	1.677	1.728	-3.0	103	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.315	0.310	1.6	98	0.00
76	TP	p/m Xylene	0.626	0.642	-2.6	102	0.00
77	TP	o Xylene	0.605	0.613	-1.3	102	0.00
78	TP	Styrene	0.982	0.999	-1.7	103	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
80	TP	Bromoform	0.322	0.295	8.4	98	0.00
82	TP	Isopropylbenzene	3.239	3.179	1.9	101	0.00
83	S	4-Bromofluorobenzene	0.950	0.943	0.7	97	0.00
84	TP	Bromobenzene	0.648	0.653	-0.8	102	0.00
85	TP	n-Propylbenzene	3.595	3.580	0.4	103	0.00
86	TP	1,4-Dichlorobutane	0.881	0.836	5.1	100	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.487	0.445	8.6	94	0.00
88	TP	4-Ethyltoluene	2.880	3.070	-6.6	109	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A18.D
Acq On : 14 Mar 2026 8:30 pm
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:11:01 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
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	2.067	2.081	-0.7	102	0.00
90 TP	1,3,5-Trimethylbenzene	2.481	2.458	0.9	101	0.00
91 TP	1,2,3-Trichloropropane	0.406	0.377	7.1	98	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.172	0.172	0.0	101	0.00
93 TP	4-Chlorotoluene	2.149	2.134	0.7	103	0.00
94 TP	tert-Butylbenzene	2.073	2.066	0.3	104	0.00
97 TP	1,2,4-Trimethylbenzene	2.426	2.520	-3.9	106	0.00
98 TP	sec-Butylbenzene	3.031	3.004	0.9	104	0.00
99 TP	p-Isopropyltoluene	2.577	2.580	-0.1	103	0.00
100 TP	1,3-Dichlorobenzene	1.283	1.284	-0.1	102	0.00
101 TP	1,4-Dichlorobenzene	1.296	1.285	0.8	101	0.00
102 TP	p-Diethylbenzene	1.501	1.537	-2.4	105	0.00
103 TP	n-Butylbenzene	2.310	2.277	1.4	103	0.00
104 TP	1,2-Dichlorobenzene	1.151	1.141	0.9	102	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.185	2.278	-4.3	108	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.069	0.064	7.2	96	0.00
107 TP	1,3,5-Trichlorobenzene	0.849	0.860	-1.3	102	0.00
108 TP	Hexachlorobutadiene	0.313	0.324	-3.5	107	0.00
109 TP	1,2,4-Trichlorobenzene	0.701	0.704	-0.4	100	0.00
110 TP	Naphthalene	1.396	1.379	1.2	103	0.00
111 TP	1,2,3-Trichlorobenzene	0.567	0.571	-0.7	104	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:\VOA105\2026\260314AICAL\
Data File : V05260314A18.D
Acq On : 14 Mar 2026 8:30 pm
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:11:01 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	346893	10.000	ug/L	0.00
Standard Area 1 = 354318			Recovery = 97.90%			
59) Chlorobenzene-d5	8.957	117	254885	10.000	ug/L	0.00
Standard Area 1 = 261847			Recovery = 97.34%			
79) 1,4-Dichlorobenzene-d4	11.769	152	141349	10.000	ug/L	0.00
Standard Area 1 = 142275			Recovery = 99.35%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	92619	10.071	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.71%			
43) 1,2-Dichloroethane-d4	5.217	65	113524	10.121	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.21%			
60) Toluene-d8	7.143	98	347831	10.049	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.49%			
83) 4-Bromofluorobenzene	10.510	95	133337	9.935	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.35%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	122887	13.739	ug/L	99
3) Chloromethane	1.588	50	144548	13.039	ug/L	99
4) Vinyl chloride	1.650	62	142855	13.071	ug/L	99
5) Bromomethane	1.918	94	78880	14.359	ug/L	94
6) Chloroethane	2.007	64	86051	11.695	ug/L	98
7) Trichlorofluoromethane	2.138	101	146302	11.422	ug/L	100
8) Ethyl ether	2.405	74	41468	9.674	ug/L	96
10) 1,1-Dichloroethene	2.577	96	86558	10.762	ug/L	100
11) Carbon disulfide	2.597	76	255088	9.606	ug/L	100
12) Freon-113	2.604	101	91385	12.142	ug/L #	67
13) Iodomethane	2.707	142	97346	10.529	ug/L	99
14) Acrolein	2.893	56	9696	24.588	ug/L	86
15) Methylene chloride	3.098	84	87029	9.909	ug/L	98
17) Acetone	3.160	43	11656	7.914	ug/L	99
18) trans-1,2-Dichloroethene	3.236	96	90688	10.702	ug/L	98
19) Methyl acetate	3.256	43	28914	8.386	ug/L	97
20) Methyl tert-butyl ether	3.325	73	169793	8.855	ug/L	98
21) tert-Butyl alcohol	3.442	59	18455	43.717	ug/L #	84
22) Diisopropyl ether	3.661	45	266437	9.307	ug/L	99
23) 1,1-Dichloroethane	3.785	63	178801	10.422	ug/L	99
24) Halothane	3.847	117	67797	10.902	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A18.D
Acq On : 14 Mar 2026 8:30 pm
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:11:01 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	3.860	53	17745	8.692	ug/L	97
26) Ethyl tert-butyl ether	3.991	59	223480	9.282	ug/L	93
27) Vinyl acetate	4.025	43	120781M6	7.149	ug/L	
28) cis-1,2-Dichloroethene	4.286	96	96420	10.217	ug/L	97
29) 2,2-Dichloropropane	4.375	77	141168	9.956	ug/L	97
30) Bromochloromethane	4.471	128	39078	10.035	ug/L	95
31) Cyclohexane	4.451	56	185798	10.618	ug/L	99
32) Chloroform	4.540	83	161633	10.214	ug/L	99
33) Ethyl acetate	4.657	43	46678	8.763	ug/L	99
34) Carbon tetrachloride	4.650	117	130264	10.419	ug/L	98
35) Tetrahydrofuran	4.691	42	17451M6	9.818	ug/L	
37) 1,1,1-Trichloroethane	4.718	97	149978	10.683	ug/L	99
39) 2-Butanone	4.835	43	18184	8.408	ug/L	92
40) 1,1-Dichloropropene	4.835	75	129567	10.989	ug/L	100
41) Benzene	5.076	78	349213	10.282	ug/L	99
42) tert-Amyl methyl ether	5.189	73	171298	9.095	ug/L	99
44) 1,2-Dichloroethane	5.280	62	113479	9.891	ug/L	99
47) Methyl cyclohexane	5.626	83	152776	10.303	ug/L	98
48) Trichloroethene	5.661	95	93035	9.686	ug/L	99
50) Dibromomethane	6.099	93	45313	9.817	ug/L	99
51) 1,2-Dichloropropane	6.191	63	91829	9.960	ug/L	99
53) 2-Chloroethyl vinyl ether	6.889	63	39892	9.122	ug/L	97
54) Bromodichloromethane	6.268	83	113145	9.388	ug/L	99
57) 1,4-Dioxane	6.480	88	22487	502.029	ug/L	96
58) cis-1,3-Dichloropropene	6.946	75	131268	9.942	ug/L	98
61) Toluene	7.200	92	222935	10.364	ug/L	100
62) 4-Methyl-2-pentanone	7.644	58	16554	8.619	ug/L	98
63) Tetrachloroethene	7.630	166	96664	10.714	ug/L	100
65) trans-1,3-Dichloropropene	7.694	75	109370	10.150	ug/L	94
67) Ethyl methacrylate	7.884	69	71064	9.403	ug/L	98
68) 1,1,2-Trichloroethane	7.870	83	48815	9.453	ug/L	98
69) Chlorodibromomethane	8.075	129	73213	9.579	ug/L	99
70) 1,3-Dichloropropane	8.180	76	107932	10.018	ug/L	100
71) 1,2-Dibromoethane	8.336	107	57390	9.756	ug/L	99
72) 2-Hexanone	8.646	43	27645	8.640	ug/L	99
73) Chlorobenzene	8.978	112	237048	10.248	ug/L	99
74) Ethylbenzene	9.013	91	440335	10.302	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.069	131	79141	9.847	ug/L	99
76) p/m Xylene	9.203	106	327022	20.512	ug/L	100
77) o Xylene	9.747	106	312471	20.279	ug/L	100

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A18.D
Acq On : 14 Mar 2026 8:30 pm
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:11:01 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260314AICAL\V05260314A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.824	104	509192	20.347	ug/L	99
80) Bromoform	9.846	173	41764	9.187	ug/L	98
82) Isopropylbenzene	10.156	105	449356	9.816	ug/L	100
84) Bromobenzene	10.623	156	92359	10.091	ug/L	99
85) n-Propylbenzene	10.672	91	506069	9.959	ug/L	100
86) 1,4-Dichlorobutane	10.694	55	118145	9.486	ug/L	98
87) 1,1,2,2-Tetrachloroethane	10.786	83	62835	9.121	ug/L	100
88) 4-Ethyltoluene	10.807	105	433936	10.660	ug/L	100
89) 2-Chlorotoluene	10.842	91	294101M6	10.067	ug/L	
90) 1,3,5-Trimethylbenzene	10.913	105	347377	9.906	ug/L	99
91) 1,2,3-Trichloropropane	10.920	75	53310M1	9.291	ug/L	
92) trans-1,4-Dichloro-2-b...	10.984	53	24286	10.008	ug/L	99
93) 4-Chlorotoluene	11.040	91	301653	9.930	ug/L	99
94) tert-Butylbenzene	11.260	119	291966	9.962	ug/L	100
97) 1,2,4-Trimethylbenzene	11.344	105	356218	10.386	ug/L	99
98) sec-Butylbenzene	11.458	105	424561	9.910	ug/L	100
99) p-Isopropyltoluene	11.620	119	364720	10.014	ug/L	99
100) 1,3-Dichlorobenzene	11.691	146	181491	10.006	ug/L	100
101) 1,4-Dichlorobenzene	11.783	146	181617	9.914	ug/L	99
102) p-Diethylbenzene	12.009	119	217240	10.241	ug/L	100
103) n-Butylbenzene	12.066	91	321857	9.856	ug/L	99
104) 1,2-Dichlorobenzene	12.222	146	161239	9.913	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.823	119	322048	10.428	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.014	155	8998	9.221	ug/L	100
107) 1,3,5-Trichlorobenzene	13.042	180	121599	10.135	ug/L	98
108) Hexachlorobutadiene	13.622	225	45780	10.344	ug/L	100
109) 1,2,4-Trichlorobenzene	13.650	180	99550	10.041	ug/L	99
110) Naphthalene	13.940	128	194979	9.883	ug/L	100
111) 1,2,3-Trichlorobenzene	14.110	180	80761	10.084	ug/L	99

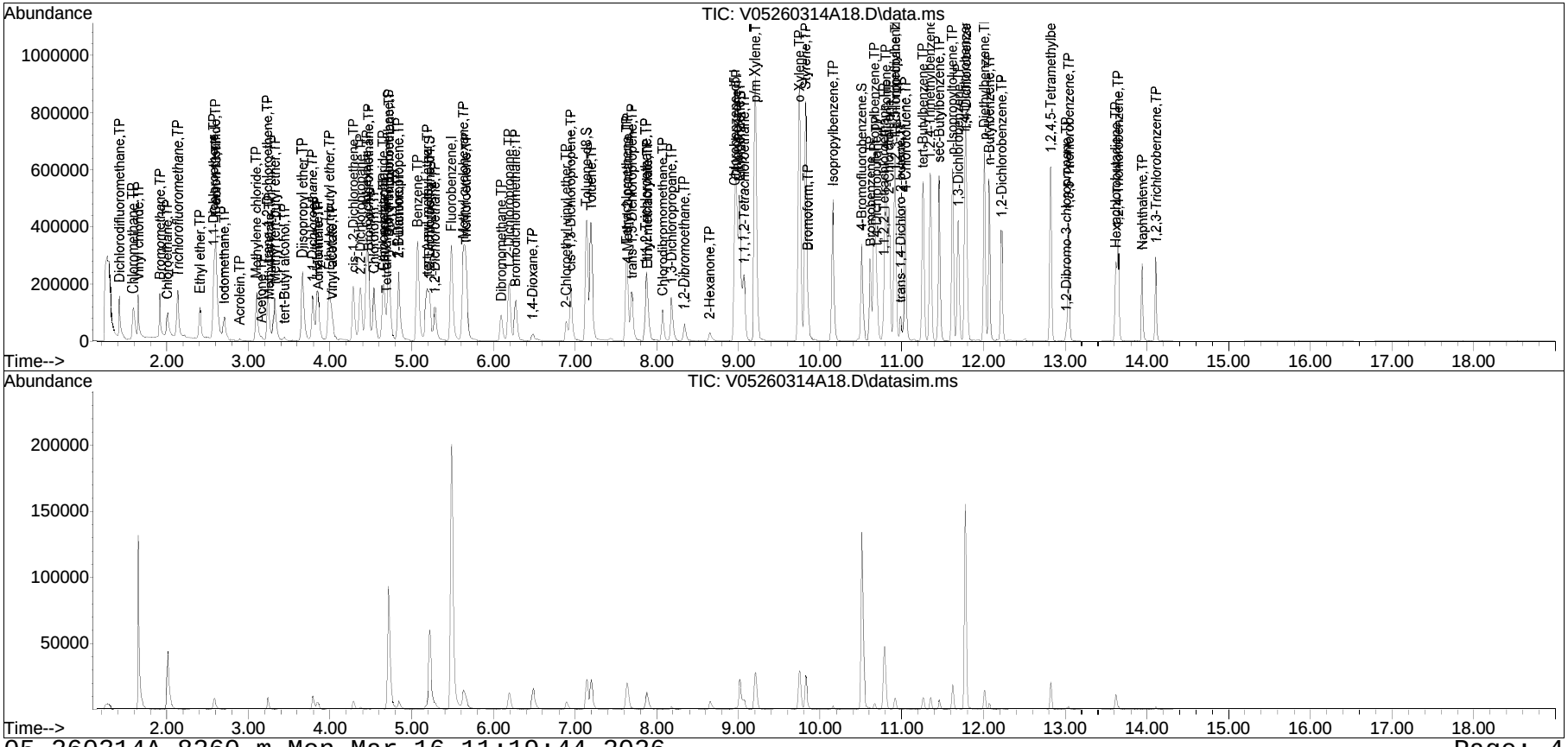
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260314AICAL\
Data File : V05260314A18.D
Acq On : 14 Mar 2026 8:30 pm
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2185594,ICAL (Sig #1); WG,ICAL23048 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:11:01 2026
Quant Method : K:\VOA105\2026\260314AICAL\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

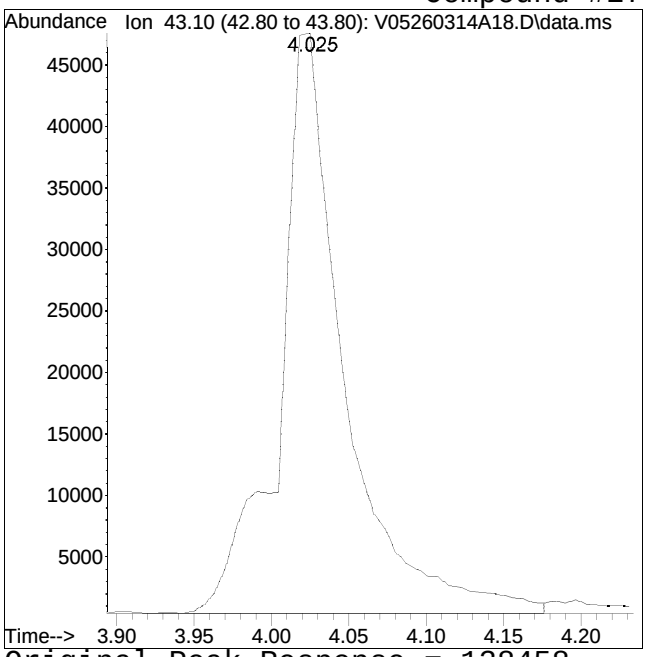
Sub List : 8260-Curve - Megamix plus Diox\V05260314A09.D•



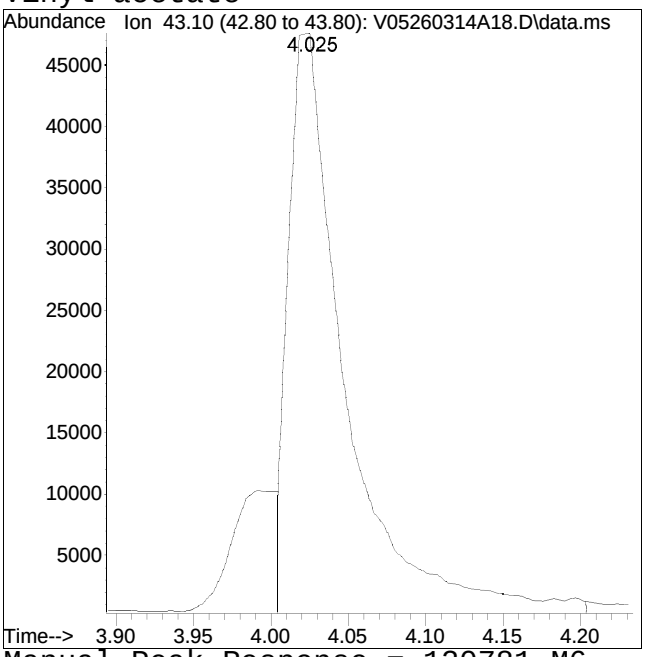
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A18.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 8:30 pm Instrument : VOA105
Sample : C8260STD10PPB Quant Date : 3/16/2026 7:07 am

Compound #27: Vinyl acetate



Original Peak Response = 138458



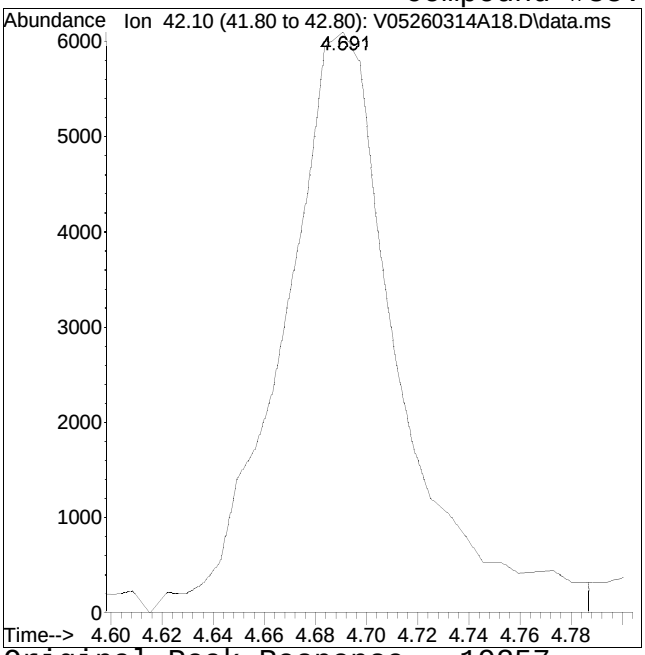
Manual Peak Response = 120781 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

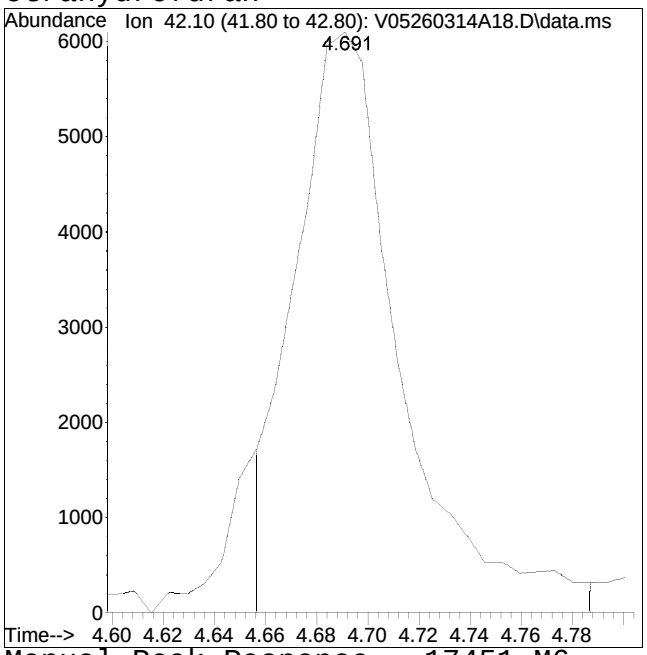
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A18.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 8:30 pm Instrument : VOA105
Sample : C8260STD10PPB Quant Date : 3/16/2026 7:07 am

Compound #35: Tetrahydrofuran



Original Peak Response = 19257



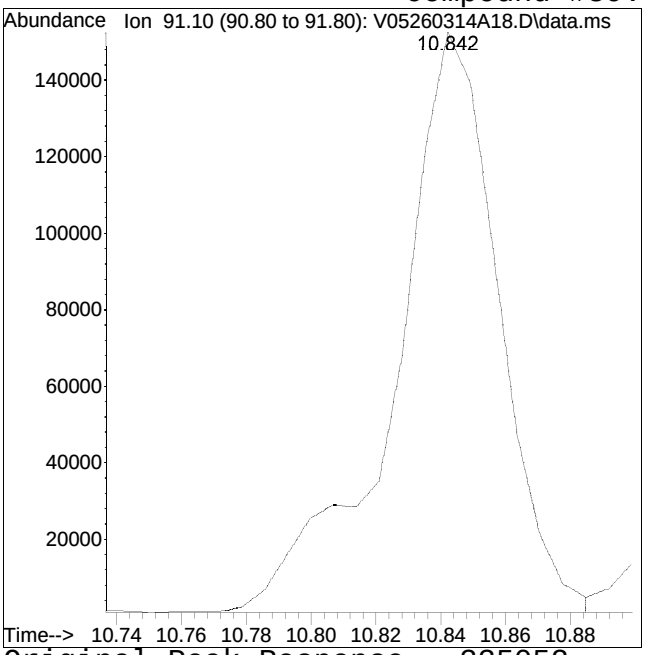
Manual Peak Response = 17451 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

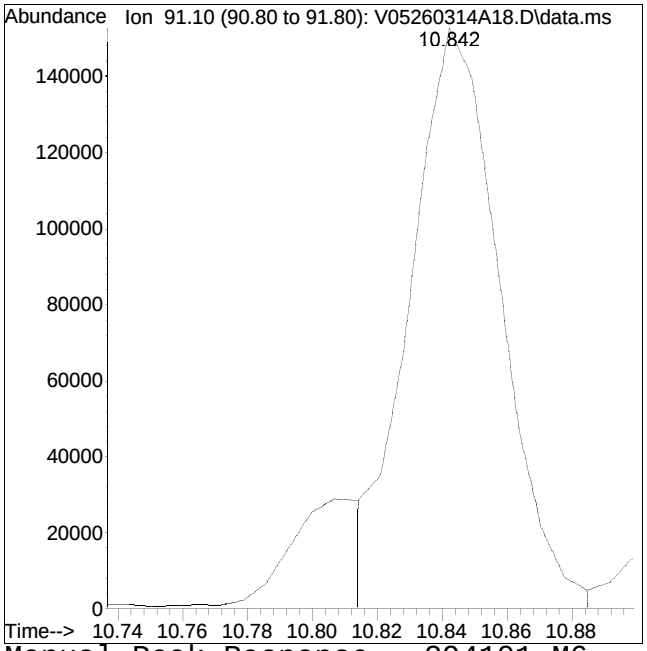
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A18.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 8:30 pm Instrument : VOA105
Sample : C8260STD10PPB Quant Date : 3/16/2026 7:07 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 335052



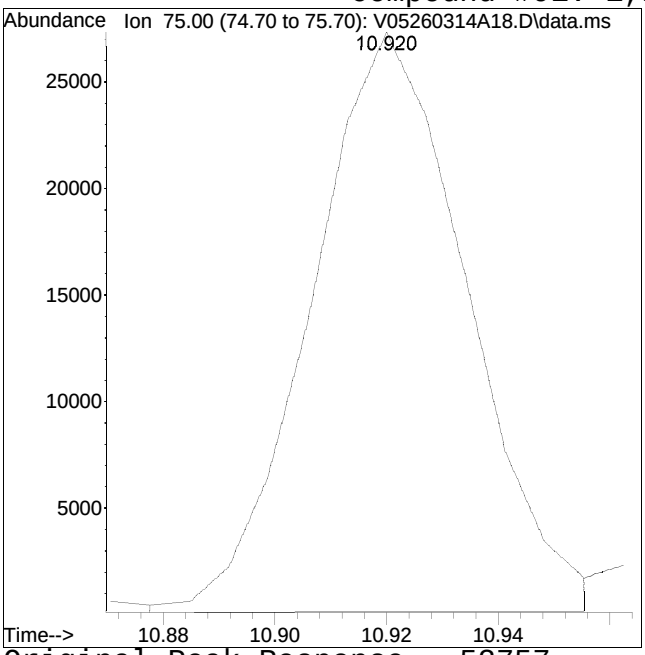
Manual Peak Response = 294101 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

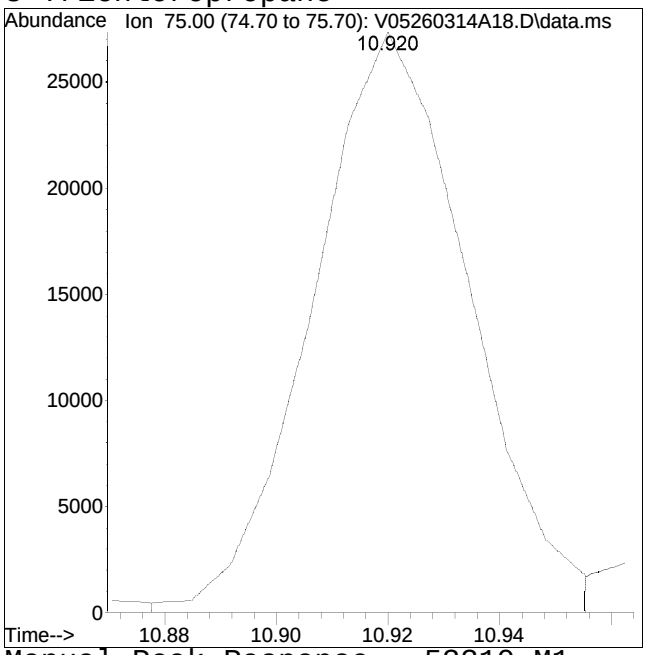
Manual Integration Report

Data Path : K:\VOA105\2026\260314AICALQMethod : V105_260314A_8260.m
Data File : V05260314A18.D Operator : VOA105:PID
Date Inj'd : 3/14/2026 8:30 pm Instrument : VOA105
Sample : C8260STD10PPB Quant Date : 3/16/2026 7:07 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 52757



Manual Peak Response = 53310 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	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: VOA105		**Calibration Date**	: 04/08/26 09:17	
Lab File ID	: V05260408A01		**Init. Calib. Date(s)**	: 03/14/26	03/14/26
Sample No	: WG2196004-2		**Init. Calib. Times**	: 14:08	18:23
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	60	0
Dichlorodifluoromethane	0.258	0.266	-	-3.1	20	69	0
Chloromethane	0.32	0.286	-	10.6	20	55	0
Vinyl chloride	0.315	0.344	-	-9.2	20	69	0
Bromomethane	0.158	0.108	-	31.6*	20	43	0
Chloroethane	0.212	0.285	-	-34.4*	20	79	0
Trichlorofluoromethane	0.369	0.384	-	-4.1	20	66	0
1,1-Dichloroethene	0.232	0.226	-	2.6	20	63	0
Carbon disulfide	0.765	0.785	-	-2.6	20	64	0
Freon-113	0.217	0.215	-	0.9	20	64	0
Methylene chloride	0.253	0.242	-	4.3	20	59	0
Acetone	0.042	0.038	-	9.5	20	60	0
trans-1,2-Dichloroethene	0.244	0.232	-	4.9	20	57	0
Methyl acetate	0.099	0.085	-	14.1	20	57	0
Methyl tert-butyl ether	0.553	0.361	-	34.7*	20	41	0
1,1-Dichloroethane	0.495	0.509	-	-2.8	20	62	0
cis-1,2-Dichloroethene	0.272	0.267	-	1.8	20	58	0
Bromochloromethane	0.112	0.114	-	-1.8	20	60	0
Cyclohexane	0.504	0.442	-	12.3	20	58	0
Chloroform	0.456	0.447	-	2	20	60	0
Carbon tetrachloride	0.36	0.313	-	13.1	20	54	0
Dibromofluoromethane	0.265	0.279	-	-5.3	20	63	0
1,1,1-Trichloroethane	0.405	0.362	-	10.6	20	55	0
2-Butanone	0.062	0.042	-	32.3*	20	44	0
Benzene	0.979	0.951	-	2.9	20	59	0
1,2-Dichloroethane-d4	0.323	0.342	-	-5.9	20	62	0
1,2-Dichloroethane	0.331	0.326	-	1.5	20	60	0
Methyl cyclohexane	0.427	0.35	-	18	20	54	0
Trichloroethene	0.277	0.256	-	7.6	20	61	0
1,2-Dichloropropane	0.266	0.275	-	-3.4	20	63	0
Bromodichloromethane	0.347	0.312	-	10.1	20	55	0
1,4-Dioxane	0.00129	0.00093*	-	27.9*	20	46	0
cis-1,3-Dichloropropene	0.381	0.336	-	11.8	20	52	0
Chlorobenzene-d5	1	1	-	0	20	62	0
Toluene-d8	1.358	1.319	-	2.9	20	60	0
Toluene	0.844	0.789	-	6.5	20	60	0
4-Methyl-2-pentanone	0.075	0.053	-	29.3*	20	49	0
Tetrachloroethene	0.354	0.34	-	4	20	61	0
trans-1,3-Dichloropropene	0.423	0.346	-	18.2	20	50	0
1,1,2-Trichloroethane	0.203	0.187*	-	7.9	20	60	0
Chlorodibromomethane	0.3	0.261	-	13	20	57	0
1,2-Dibromoethane	0.231	0.212	-	8.2	20	59	0
2-Hexanone	0.126	0.078	-	38.1*	20	42	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: VOA105	**Calibration Date**	: 04/08/26 09:17
Lab File ID	: V05260408A01	**Init. Calib. Date(s)**	: 03/14/26 03/14/26
Sample No	: WG2196004-2	**Init. Calib. Times**	: 14:08 18:23
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorobenzene	0.908	0.887	-	2.3	20	62	0
Ethylbenzene	1.677	1.54	-	8.2	20	59	0
p/m Xylene	0.626	0.589	-	5.9	20	60	0
o Xylene	0.605	0.563	-	6.9	20	60	0
Styrene	0.982	0.933	-	5	20	62	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	71	0
Bromoform	0.322	0.25	-	22.4*	20	60	0
Isopropylbenzene	3.239	2.623	-	19	20	60	0
4-Bromofluorobenzene	0.95	0.783	-	17.6	20	58	0
n-Propylbenzene	3.595	3.038	-	15.5	20	63	0
1,1,2,2-Tetrachloroethane	0.487	0.424	-	12.9	20	64	0
1,3,5-Trimethylbenzene	2.481	2.103	-	15.2	20	62	0
tert-Butylbenzene	2.073	1.735	-	16.3	20	63	0
1,2,4-Trimethylbenzene	2.426	2.032	-	16.2	20	61	0
sec-Butylbenzene	3.031	2.53	-	16.5	20	63	0
p-Isopropyltoluene	2.577	2.209	-	14.3	20	63	0
1,3-Dichlorobenzene	1.283	1.216	-	5.2	20	69	0
1,4-Dichlorobenzene	1.296	1.245	-	3.9	20	71	0
n-Butylbenzene	2.31	2.01	-	13	20	65	0
1,2-Dichlorobenzene	1.151	1.091	-	5.2	20	70	0
1,2-Dibromo-3-chloropropan	0.069	0.053	-	23.2*	20	58	0
1,2,4-Trichlorobenzene	0.701	0.654	-	6.7	20	67	0
Naphthalene	1.396	1.175	-	15.8	20	63	0
1,2,3-Trichlorobenzene	0.567	0.56	-	1.2	20	73	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
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	60	0.00
2	TP	Dichlorodifluoromethane	0.258	0.266	-3.1	69	0.00
3	TP	Chloromethane	0.320	0.286	10.6	55	0.00
4	TP	Vinyl chloride	0.315	0.344	-9.2	69	0.00
5	TP	Bromomethane	0.158	0.108	31.6#	43#	0.00
6	TP	Chloroethane	0.212	0.285	-34.4#	79	0.00
7	TP	Trichlorofluoromethane	0.369	0.384	-4.1	66	0.00
10	TP	1,1-Dichloroethene	0.232	0.226	2.6	63	0.00
11	TP	Carbon disulfide	0.765	0.785	-2.6	64	0.00
12	TP	Freon-113	0.217	0.215	0.9	64	0.00
15	TP	Methylene chloride	0.253	0.242	4.3	59	0.00
17	TP	Acetone	0.042	0.038	9.5	60	0.00
18	TP	trans-1,2-Dichloroethene	0.244	0.232	4.9	57	0.00
19	TP	Methyl acetate	0.099	0.085	14.1	57	0.00
20	TP	Methyl tert-butyl ether	0.553	0.361	34.7#	41#	0.00
23	TP	1,1-Dichloroethane	0.495	0.509	-2.8	62	0.00
28	TP	cis-1,2-Dichloroethene	0.272	0.267	1.8	58	0.00
30	TP	Bromochloromethane	0.112	0.114	-1.8	60	0.00
31	TP	Cyclohexane	0.504	0.442	12.3	58	0.00
32	TP	Chloroform	0.456	0.447	2.0	60	0.00
34	TP	Carbon tetrachloride	0.360	0.313	13.1	54	0.00
36	S	Dibromofluoromethane	0.265	0.279	-5.3	63	0.00
37	TP	1,1,1-Trichloroethane	0.405	0.362	10.6	55	0.00
39	TP	2-Butanone	0.062	0.042	32.3#	44#	0.00
41	TP	Benzene	0.979	0.951	2.9	59	0.00
43	S	1,2-Dichloroethane-d4	0.323	0.342	-5.9	62	0.00
44	TP	1,2-Dichloroethane	0.331	0.326	1.5	60	0.00
47	TP	Methyl cyclohexane	0.427	0.350	18.0	54	0.00
48	TP	Trichloroethene	0.277	0.256	7.6	61	0.00
51	TP	1,2-Dichloropropane	0.266	0.275	-3.4	63	0.00
54	TP	Bromodichloromethane	0.347	0.312	10.1	55	0.00
57	TP	1,4-Dioxane	0.00129	0.00093#	27.9#	46#	0.00
58	TP	cis-1,3-Dichloropropene	0.381	0.336	11.8	52	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
60	S	Toluene-d8	1.358	1.319	2.9	60	0.00
61	TP	Toluene	0.844	0.789	6.5	60	0.00
62	TP	4-Methyl-2-pentanone	0.075	0.053	29.3#	49#	0.00
63	TP	Tetrachloroethene	0.354	0.340	4.0	61	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
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)
65	TP	trans-1,3-Dichloropropene	0.423	0.346	18.2	50	0.00
68	TP	1,1,2-Trichloroethane	0.203	0.187#	7.9	60	0.00
69	TP	Chlorodibromomethane	0.300	0.261	13.0	57	0.00
71	TP	1,2-Dibromoethane	0.231	0.212	8.2	59	0.00
72	TP	2-Hexanone	0.126	0.078	38.1#	42#	0.00
73	TP	Chlorobenzene	0.908	0.887	2.3	62	0.00
74	TP	Ethylbenzene	1.677	1.540	8.2	59	0.00
76	TP	p/m Xylene	0.626	0.589	5.9	60	0.00
77	TP	o Xylene	0.605	0.563	6.9	60	0.00
78	TP	Styrene	0.982	0.933	5.0	62	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
80	TP	Bromoform	0.322	0.250	22.4#	60	0.00
82	TP	Isopropylbenzene	3.239	2.623	19.0	60	0.00
83	S	4-Bromofluorobenzene	0.950	0.783	17.6	58	0.00
85	TP	n-Propylbenzene	3.595	3.038	15.5	63	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.487	0.424	12.9	64	0.00
90	TP	1,3,5-Trimethylbenzene	2.481	2.103	15.2	62	0.00
94	TP	tert-Butylbenzene	2.073	1.735	16.3	63	0.00
97	TP	1,2,4-Trimethylbenzene	2.426	2.032	16.2	61	0.00
98	TP	sec-Butylbenzene	3.031	2.530	16.5	63	0.00
99	TP	p-Isopropyltoluene	2.577	2.209	14.3	63	0.00
100	TP	1,3-Dichlorobenzene	1.283	1.216	5.2	69	0.00
101	TP	1,4-Dichlorobenzene	1.296	1.245	3.9	71	0.00
103	TP	n-Butylbenzene	2.310	2.010	13.0	65	0.00
104	TP	1,2-Dichlorobenzene	1.151	1.091	5.2	70	0.00
106	TP	1,2-Dibromo-3-chloropropane	0.069	0.053	23.2#	58	0.00
109	TP	1,2,4-Trichlorobenzene	0.701	0.654	6.7	67	0.00
110	TP	Naphthalene	1.396	1.175	15.8	63	0.00
111	TP	1,2,3-Trichlorobenzene	0.567	0.560	1.2	73	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:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	213045	10.000	ug/L	0.00
59) Chlorobenzene-d5	8.956	117	163604	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.769	152	101615	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	59484	10.532	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.32%			
43) 1,2-Dichloroethane-d4	5.217	65	72966	10.592	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.92%			
60) Toluene-d8	7.136	98	215828	9.714	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.14%			
83) 4-Bromofluorobenzene	10.510	95	79545	8.244	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 82.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	56747	10.330	ug/L	98
3) Chloromethane	1.588	50	60959	8.953	ug/L	99
4) Vinyl chloride	1.643	62	73194	10.905	ug/L	99
5) Bromomethane	1.911	94	22939	6.799	ug/L	98
6) Chloroethane	2.007	64	60792	13.453	ug/L	100
7) Trichlorofluoromethane	2.131	101	81767	10.394	ug/L	100
10) 1,1-Dichloroethene	2.577	96	48209	9.760	ug/L	92
11) Carbon disulfide	2.597	76	167293	10.258	ug/L	100
12) Freon-113	2.604	101	45703	9.888	ug/L	99
15) Methylene chloride	3.092	84	51501	9.548	ug/L	97
17) Acetone	3.160	43	8178	9.041	ug/L	93
18) trans-1,2-Dichloroethene	3.236	96	49461	9.504	ug/L	97
19) Methyl acetate	3.263	43	18098	8.547	ug/L	96
20) Methyl tert-butyl ether	3.325	73	76904	6.530	ug/L #	90
23) 1,1-Dichloroethane	3.785	63	108517	10.300	ug/L	98
28) cis-1,2-Dichloroethene	4.286	96	56917	9.821	ug/L	97
30) Bromochloromethane	4.464	128	24225	10.129	ug/L	95
31) Cyclohexane	4.451	56	94217	8.767	ug/L	95
32) Chloroform	4.540	83	95293	9.805	ug/L	98
34) Carbon tetrachloride	4.650	117	66630	8.677	ug/L	97
37) 1,1,1-Trichloroethane	4.718	97	77016	8.933	ug/L	98
39) 2-Butanone	4.842	43	8912	6.710	ug/L	91
41) Benzene	5.076	78	202541	9.710	ug/L	99
44) 1,2-Dichloroethane	5.280	62	69533	9.869	ug/L	100
47) Methyl cyclohexane	5.626	83	74547	8.186	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48)	Trichloroethene	5.654	95	54562	9.249	ug/L	100
51)	1,2-Dichloropropane	6.191	63	58616	10.352	ug/L	96
54)	Bromodichloromethane	6.268	83	66443	8.976	ug/L	100
57)	1,4-Dioxane	6.487	88	9884	359.297	ug/L	91
58)	cis-1,3-Dichloropropene	6.946	75	71576	8.827	ug/L	89
61)	Toluene	7.192	92	129130	9.352	ug/L	99
62)	4-Methyl-2-pentanone	7.644	58	8664	7.028	ug/L	91
63)	Tetrachloroethene	7.630	166	55574	9.596	ug/L	97
65)	trans-1,3-Dichloropropene	7.693	75	56605	8.184	ug/L	97
68)	1,1,2-Trichloroethane	7.870	83	30664	9.251	ug/L	98
69)	Chlorodibromomethane	8.074	129	42770	8.718	ug/L	99
71)	1,2-Dibromoethane	8.343	107	34727	9.197	ug/L	97
72)	2-Hexanone	8.646	43	12699	6.183	ug/L	97
73)	Chlorobenzene	8.978	112	145135	9.775	ug/L	96
74)	Ethylbenzene	9.020	91	251961	9.184	ug/L	100
76)	p/m Xylene	9.203	106	192860	18.846	ug/L	99
77)	o Xylene	9.747	106	184086	18.613	ug/L	99
78)	Styrene	9.824	104	305193	18.999	ug/L	96
80)	Bromoform	9.845	173	25399	7.772	ug/L	97
82)	Isopropylbenzene	10.156	105	266523	8.099	ug/L	99
85)	n-Propylbenzene	10.672	91	308739	8.452	ug/L	99
87)	1,1,2,2-Tetrachloroethane	10.786	83	43087	8.700	ug/L	99
90)	1,3,5-Trimethylbenzene	10.913	105	213659	8.475	ug/L	99
94)	tert-Butylbenzene	11.259	119	176333	8.369	ug/L	97
97)	1,2,4-Trimethylbenzene	11.351	105	206523	8.376	ug/L	97
98)	sec-Butylbenzene	11.458	105	257103	8.347	ug/L	98
99)	p-Isopropyltoluene	11.627	119	224515	8.575	ug/L	98
100)	1,3-Dichlorobenzene	11.691	146	123576	9.477	ug/L	99
101)	1,4-Dichlorobenzene	11.783	146	126546	9.609	ug/L	98
103)	n-Butylbenzene	12.066	91	204212	8.699	ug/L	99
104)	1,2-Dichlorobenzene	12.221	146	110859	9.481	ug/L	98
106)	1,2-Dibromo-3-chloropr...	13.021	155	5436	7.749	ug/L	93
109)	1,2,4-Trichlorobenzene	13.650	180	66503	9.330	ug/L	96
110)	Naphthalene	13.940	128	119401	8.419	ug/L	100
111)	1,2,3-Trichlorobenzene	14.110	180	56950	9.892	ug/L	98

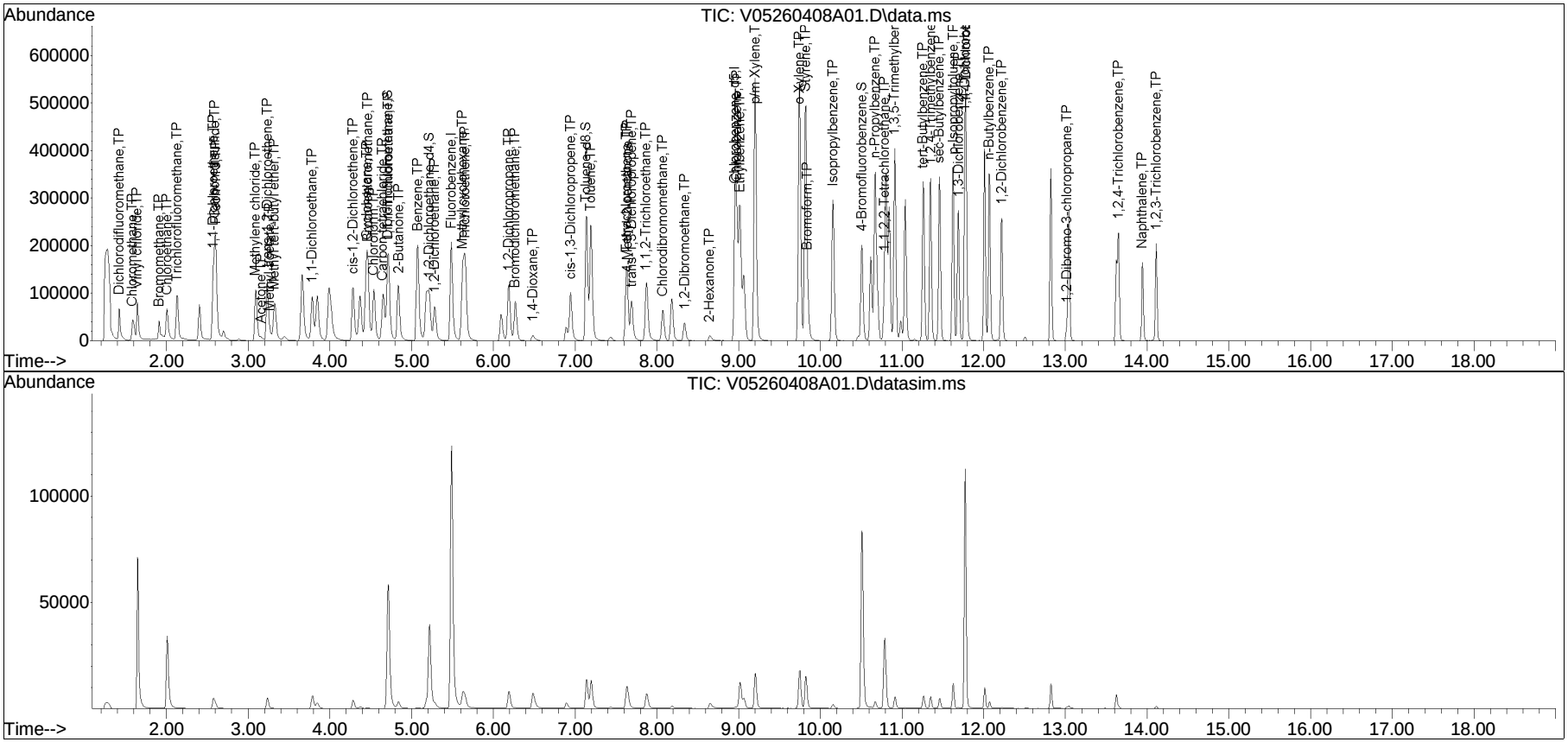
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS



Manual Integration Report

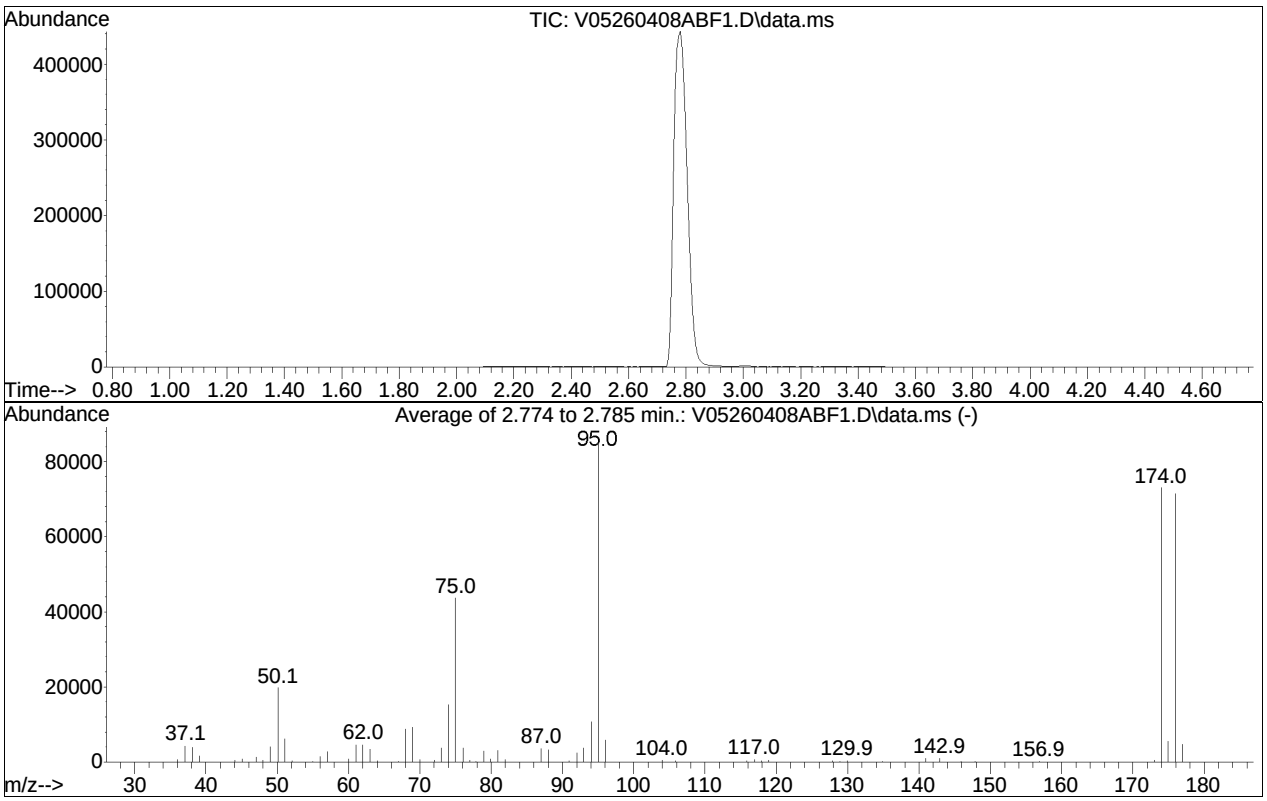
Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A01.D	Operator	: VOA105:PID
Date Inj'd	: 4/8/2026 9:17 am	Instrument	: VOA105
Sample	: WG2196004-2	Quant Date	: 4/8/2026 9:42 am

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

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408ABF1.D
Acq On : 8 Apr 2026 8:59 am
Operator : VOA105:PID
Sample : WG2196004-1
Misc : WG2196004,ICAL23148
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Mar 16 07:06:09 2026



AutoFind: Scans 126, 127, 128; Background Corrected with Scan 116

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.3	19784	PASS
75	95	30	60	51.5	43763	PASS
95	95	100	100	100.0	85032	PASS
96	95	5	9	6.9	5878	PASS
173	174	0.00	2	0.9	645	PASS
174	95	50	100	85.9	73061	PASS
175	174	5	9	7.6	5527	PASS
176	174	95	101	97.7	71397	PASS
177	176	5	9	6.7	4765	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A05.D
Acq On : 8 Apr 2026 10:59 am
Operator : VOA105:PID
Sample : WG2196004-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 11:20:57 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.492	96	192152	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 90.19%			
59) Chlorobenzene-d5	8.964	117	146229	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 89.38%			
79) 1,4-Dichlorobenzene-d4	11.776	152	83312	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 81.99%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	54595	10.717	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.17%			
43) 1,2-Dichloroethane-d4	5.217	65	65506	10.543	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.43%			
60) Toluene-d8	7.143	98	187328	9.433	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.33%			
83) 4-Bromofluorobenzene	10.510	95	65417	8.269	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 82.69%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.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.		
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:\VOA105\2026\260408A\
Data File : V05260408A05.D
Acq On : 8 Apr 2026 10:59 am
Operator : VOA105:PID
Sample : WG2196004-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 11:20:57 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

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.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	5.598	95	66		N.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	0.000		0		N.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.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
76) p/m Xylene	0.000		0		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	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		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.	

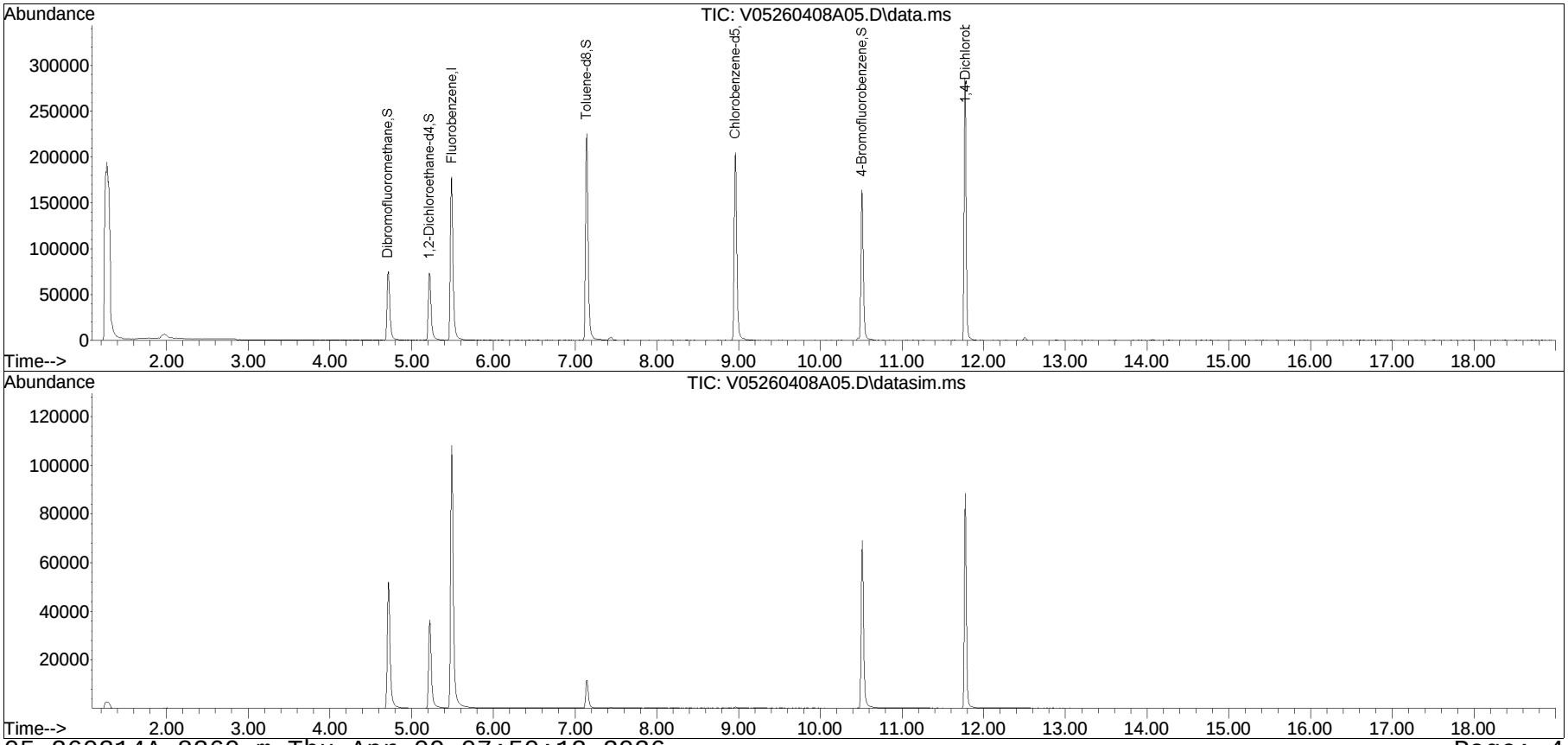
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A05.D
Acq On : 8 Apr 2026 10:59 am
Operator : VOA105:PID
Sample : WG2196004-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 11:20:57 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A05.D	Operator	: VOA105:PID
Date Inj'd	: 4/8/2026 10:59 am	Instrument	: VOA105
Sample	: WG2196004-5,31,10,10	Quant Date	: 4/8/2026 11:20 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	213045	10.000	ug/L	0.00
59) Chlorobenzene-d5	8.956	117	163604	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.769	152	101615	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.711	113	59484	10.532	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.32%			
43) 1,2-Dichloroethane-d4	5.217	65	72966	10.592	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.92%			
60) Toluene-d8	7.136	98	215828	9.714	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.14%			
83) 4-Bromofluorobenzene	10.510	95	79545	8.244	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 82.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	56747	10.330	ug/L	98
3) Chloromethane	1.588	50	60959	8.953	ug/L	99
4) Vinyl chloride	1.643	62	73194	10.905	ug/L	99
5) Bromomethane	1.911	94	22939	6.799	ug/L	98
6) Chloroethane	2.007	64	60792	13.453	ug/L	100
7) Trichlorofluoromethane	2.131	101	81767	10.394	ug/L	100
10) 1,1-Dichloroethene	2.577	96	48209	9.760	ug/L	92
11) Carbon disulfide	2.597	76	167293	10.258	ug/L	100
12) Freon-113	2.604	101	45703	9.888	ug/L	99
15) Methylene chloride	3.092	84	51501	9.548	ug/L	97
17) Acetone	3.160	43	8178	9.041	ug/L	93
18) trans-1,2-Dichloroethene	3.236	96	49461	9.504	ug/L	97
19) Methyl acetate	3.263	43	18098	8.547	ug/L	96
20) Methyl tert-butyl ether	3.325	73	76904	6.530	ug/L #	90
23) 1,1-Dichloroethane	3.785	63	108517	10.300	ug/L	98
28) cis-1,2-Dichloroethene	4.286	96	56917	9.821	ug/L	97
30) Bromochloromethane	4.464	128	24225	10.129	ug/L	95
31) Cyclohexane	4.451	56	94217	8.767	ug/L	95
32) Chloroform	4.540	83	95293	9.805	ug/L	98
34) Carbon tetrachloride	4.650	117	66630	8.677	ug/L	97
37) 1,1,1-Trichloroethane	4.718	97	77016	8.933	ug/L	98
39) 2-Butanone	4.842	43	8912	6.710	ug/L	91
41) Benzene	5.076	78	202541	9.710	ug/L	99
44) 1,2-Dichloroethane	5.280	62	69533	9.869	ug/L	100

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl cyclohexane	5.626	83	74547	8.186	ug/L	93
48) Trichloroethene	5.654	95	54562	9.249	ug/L	100
51) 1,2-Dichloropropane	6.191	63	58616	10.352	ug/L	96
54) Bromodichloromethane	6.268	83	66443	8.976	ug/L	100
57) 1,4-Dioxane	6.487	88	9884	359.297	ug/L	91
58) cis-1,3-Dichloropropene	6.946	75	71576	8.827	ug/L	89
61) Toluene	7.192	92	129130	9.352	ug/L	99
62) 4-Methyl-2-pentanone	7.644	58	8664	7.028	ug/L	91
63) Tetrachloroethene	7.630	166	55574	9.596	ug/L	97
65) trans-1,3-Dichloropropene	7.693	75	56605	8.184	ug/L	97
68) 1,1,2-Trichloroethane	7.870	83	30664	9.251	ug/L	98
69) Chlorodibromomethane	8.074	129	42770	8.718	ug/L	99
71) 1,2-Dibromoethane	8.343	107	34727	9.197	ug/L	97
72) 2-Hexanone	8.646	43	12699	6.183	ug/L	97
73) Chlorobenzene	8.978	112	145135	9.775	ug/L	96
74) Ethylbenzene	9.020	91	251961	9.184	ug/L	100
76) p/m Xylene	9.203	106	192860	18.846	ug/L	99
77) o Xylene	9.747	106	184086	18.613	ug/L	99
78) Styrene	9.824	104	305193	18.999	ug/L	96
80) Bromoform	9.845	173	25399	7.772	ug/L	97
82) Isopropylbenzene	10.156	105	266523	8.099	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.786	83	43087	8.700	ug/L	99
100) 1,3-Dichlorobenzene	11.691	146	123576	9.477	ug/L	99
101) 1,4-Dichlorobenzene	11.783	146	126546	9.609	ug/L	98
104) 1,2-Dichlorobenzene	12.221	146	110859	9.481	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.021	155	5436	7.749	ug/L	93
109) 1,2,4-Trichlorobenzene	13.650	180	66503	9.330	ug/L	96
111) 1,2,3-Trichlorobenzene	14.110	180	56950	9.892	ug/L	98

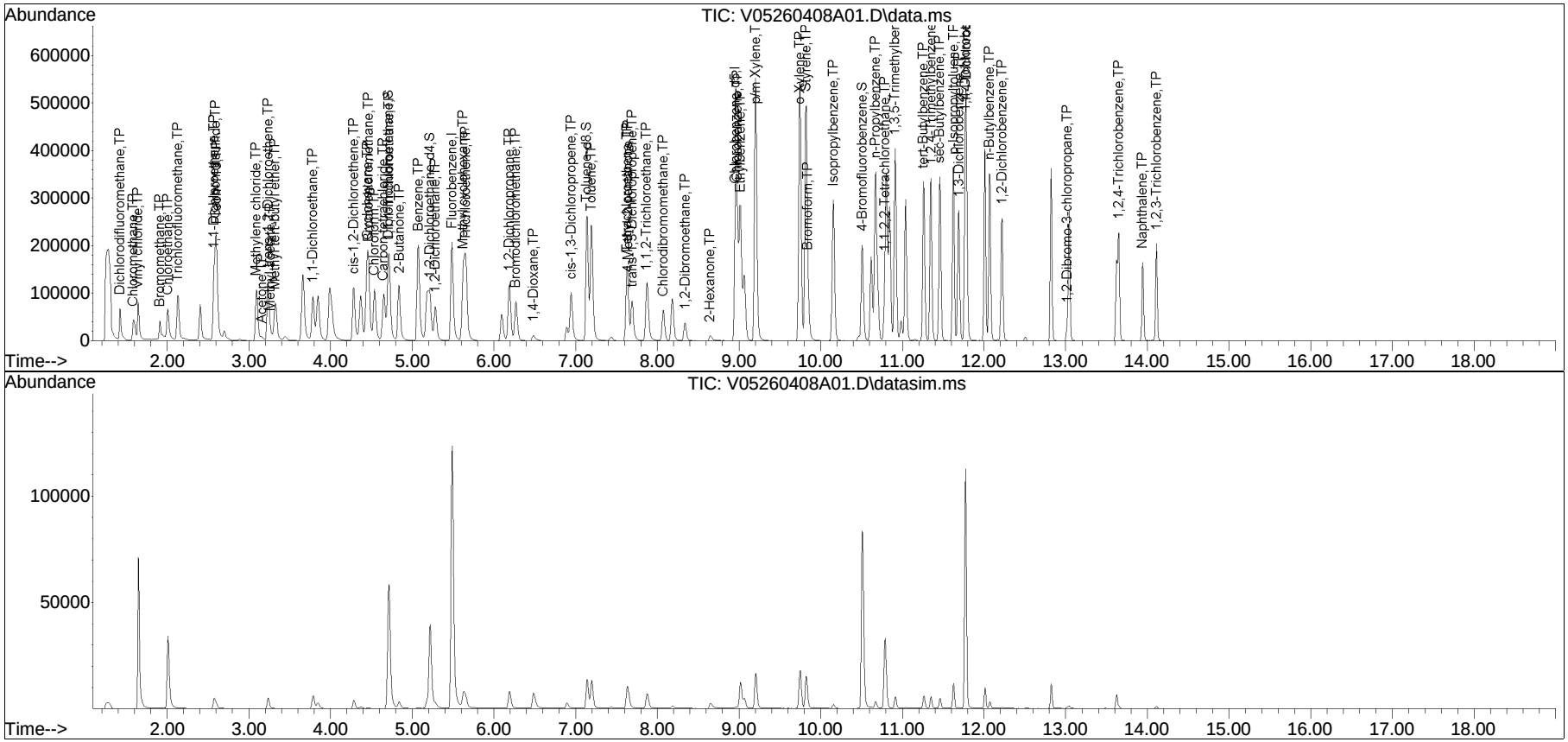
(#) = qualifier out of range (m) = manual integration (+) = signals summed

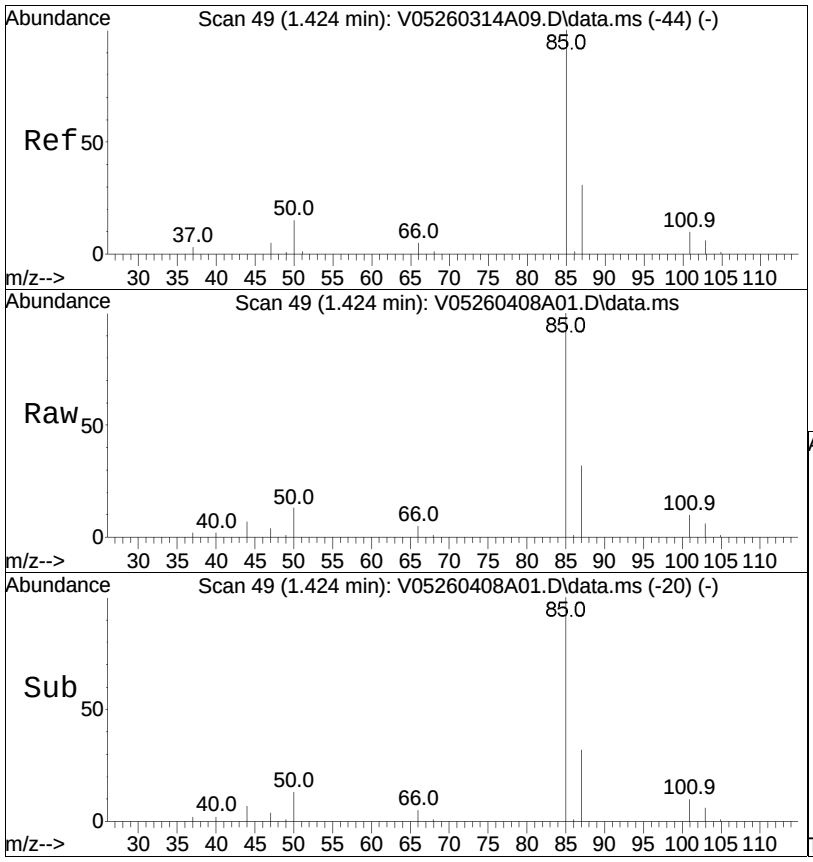
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A01.D
Acq On : 8 Apr 2026 9:17 am
Operator : VOA105:PID
Sample : WG2196004-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 09:42:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

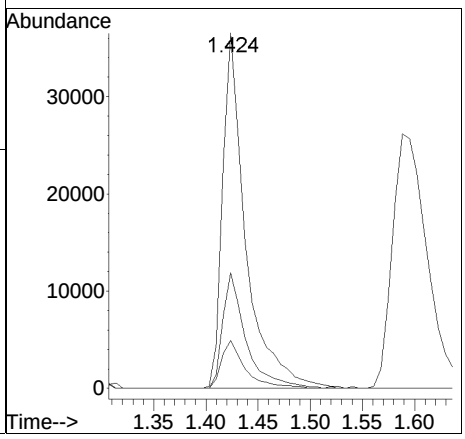


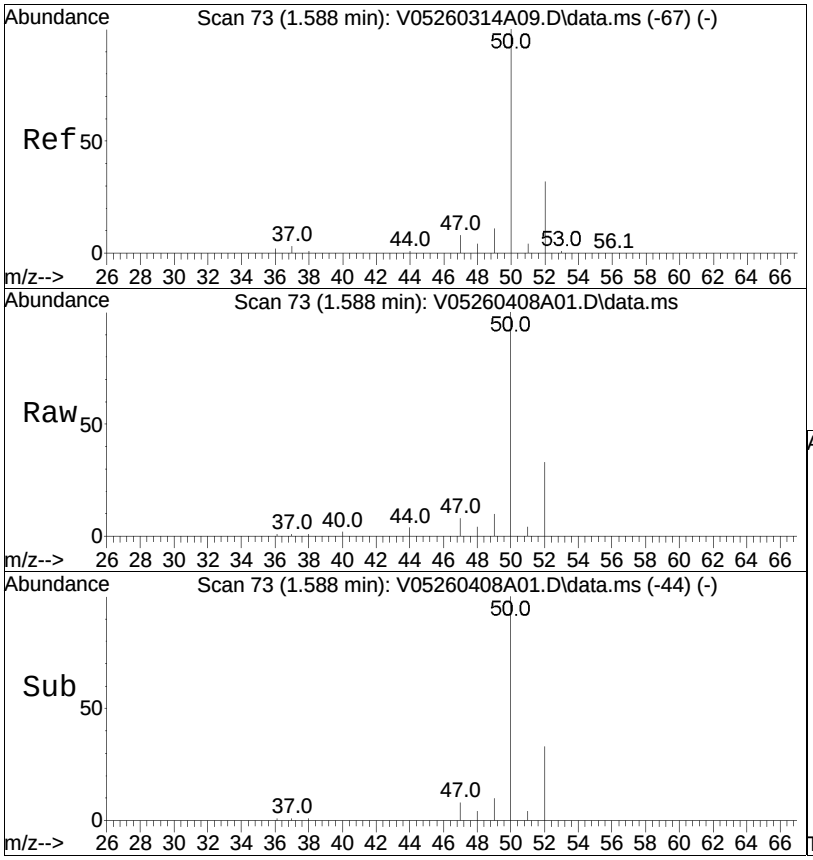


#2
Dichlorodifluoromethane
Concen: 10.33 ug/L
RT: 1.424 min Scan# 49
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 85 Resp: 56747

Ion	Ratio	Lower	Upper
85	100		
87	32.5	20.7	43.1
50	13.8	9.8	20.4

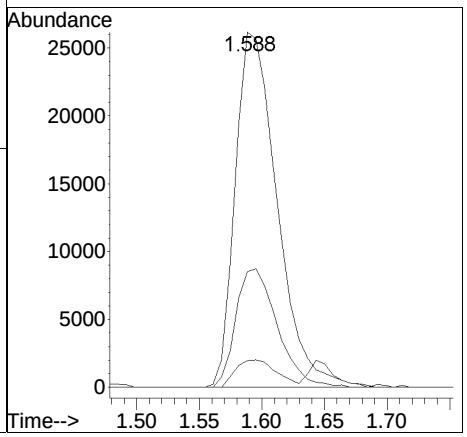


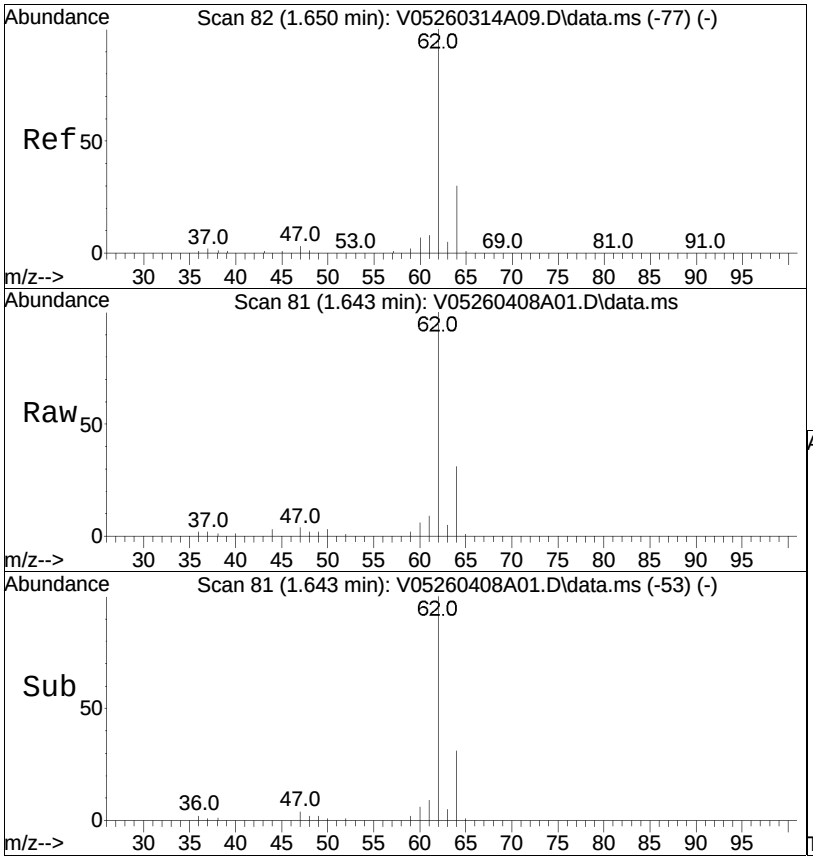


#3
Chloromethane
Concen: 8.95 ug/L
RT: 1.588 min Scan# 73
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 50 Resp: 60959

Ion	Ratio	Lower	Upper
50	100		
52	33.1	12.8	52.8
47	7.7	0.0	27.9

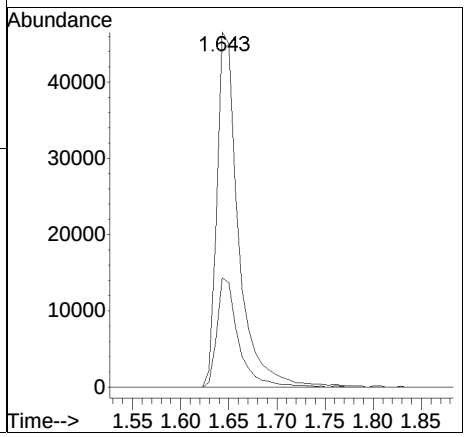


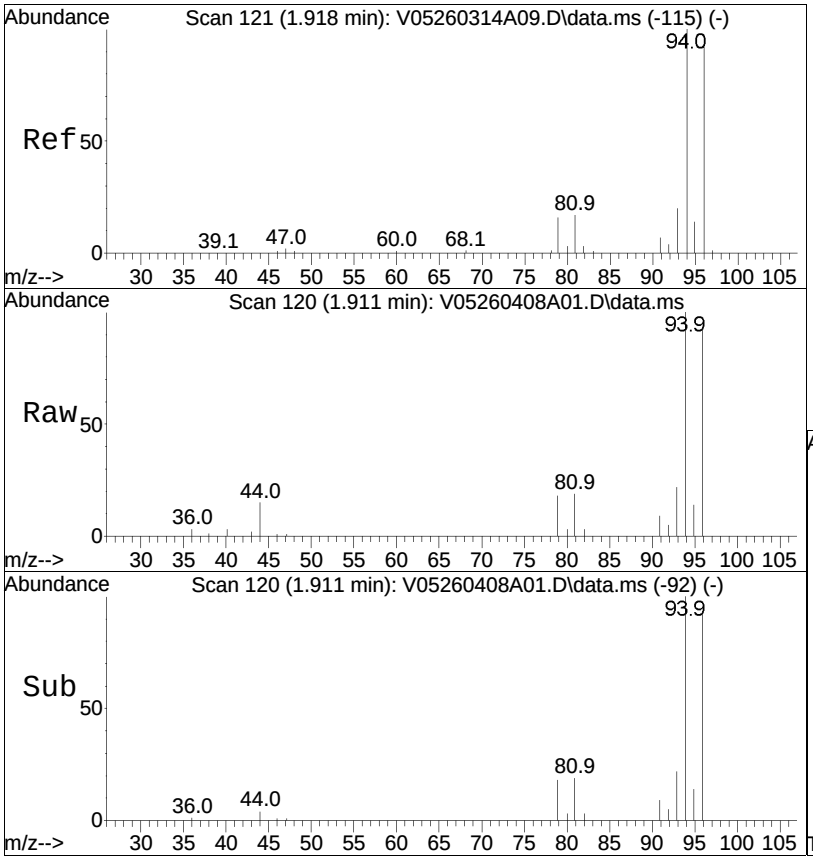


#4
Vinyl chloride
Concen: 10.90 ug/L
RT: 1.643 min Scan# 81
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 62 Resp: 73194

Ion	Ratio	Lower	Upper
62	100		
64	30.8	10.4	50.4

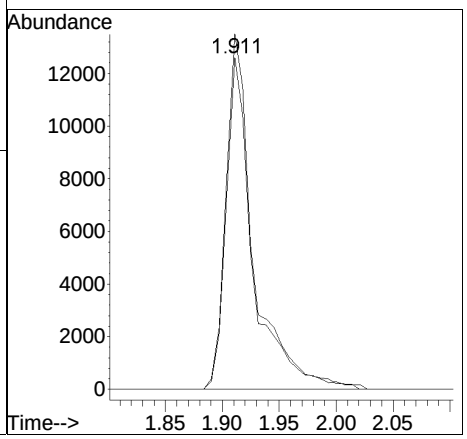


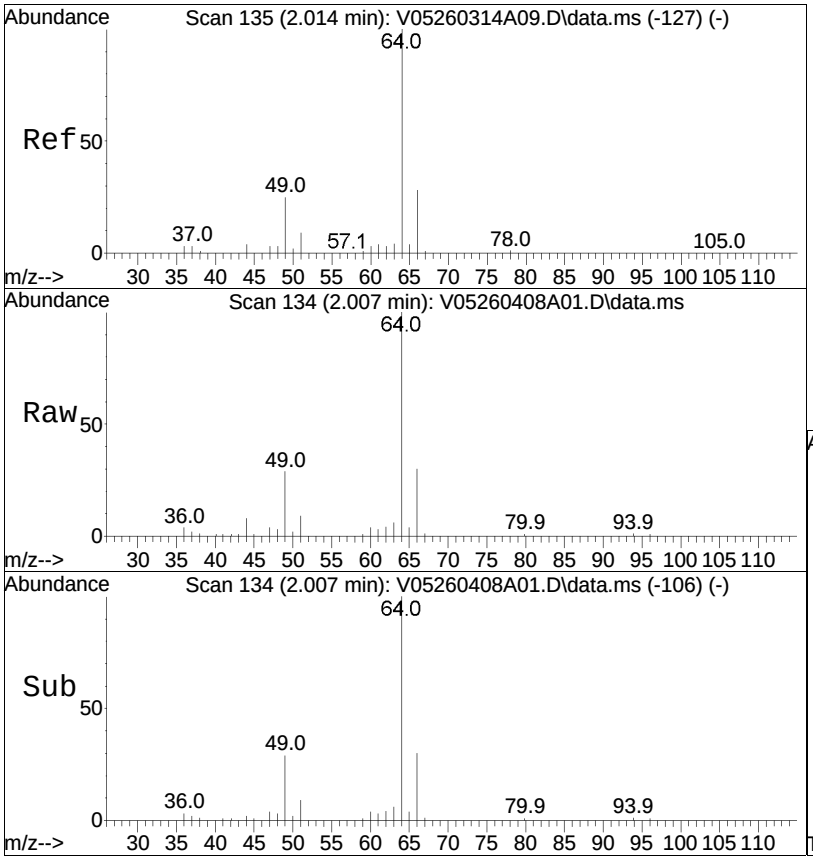


#5
Bromomethane
Concen: 6.80 ug/L
RT: 1.911 min Scan# 120
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 94 Resp: 22939

Ion	Ratio	Lower	Upper
94	100		
96	92.1	70.2	110.2

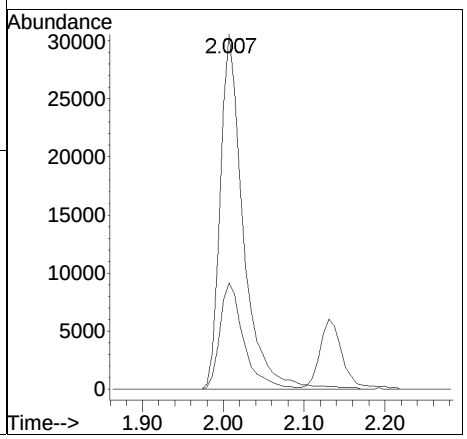


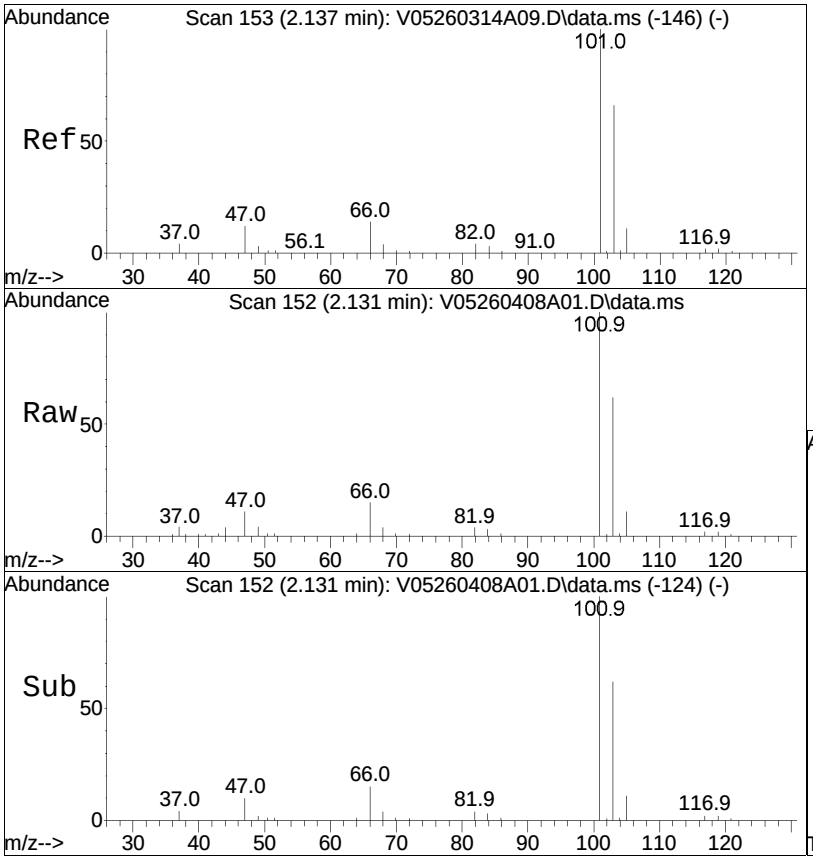


#6
Chloroethane
Concen: 13.45 ug/L
RT: 2.007 min Scan# 134
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 64 Resp: 60792

Ion	Ratio	Lower	Upper
64	100		
66	31.1	11.1	51.1

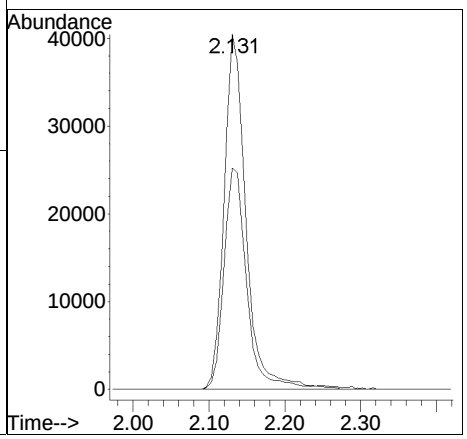


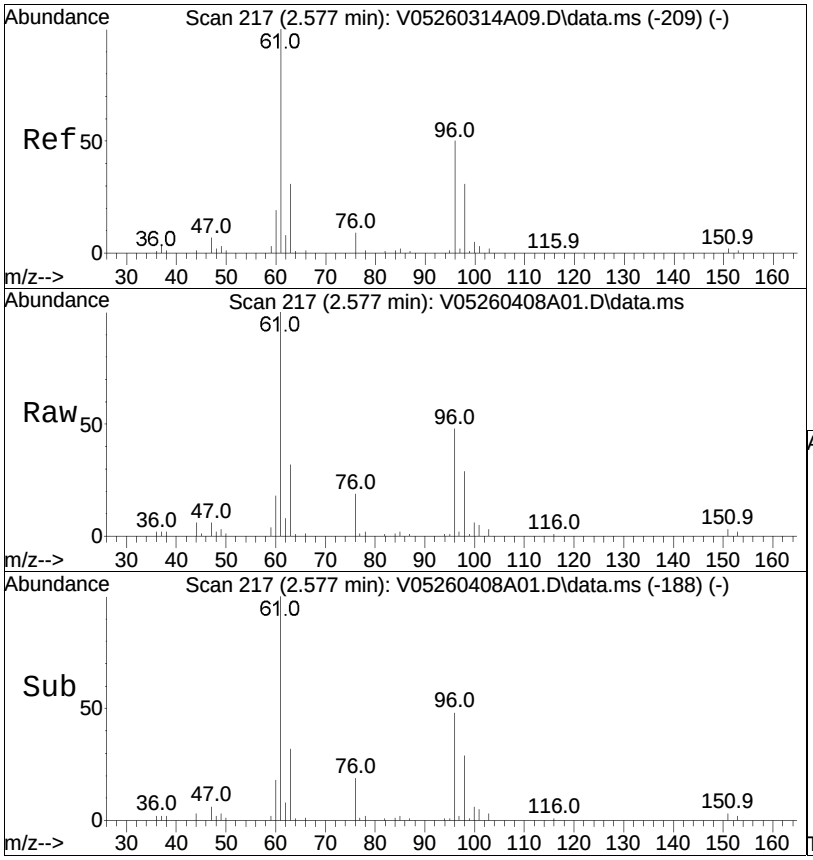


#7
Trichlorofluoromethane
Concen: 10.39 ug/L
RT: 2.131 min Scan# 152
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:101 Resp: 81767

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.6

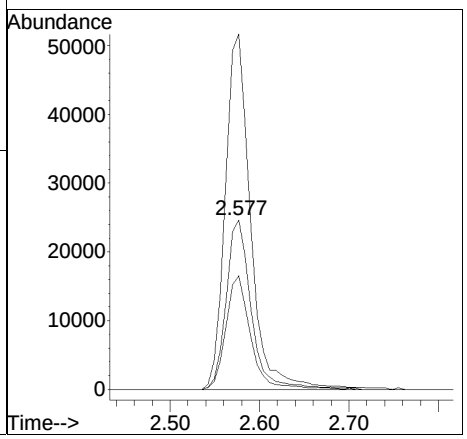


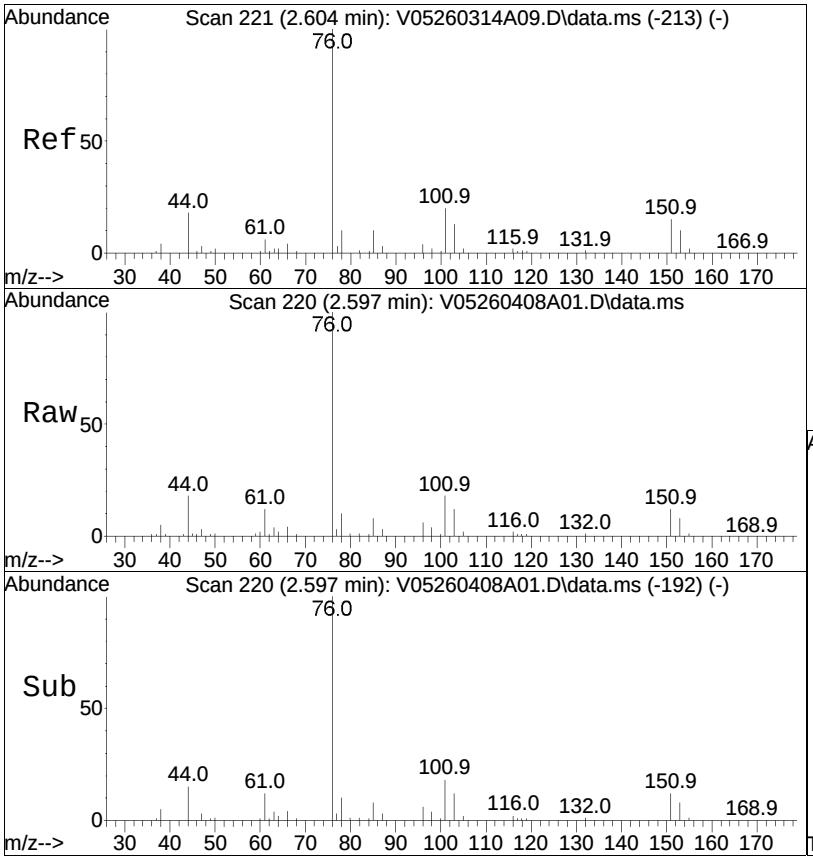


#10
1,1-Dichloroethene
Concen: 9.76 ug/L
RT: 2.577 min Scan# 217
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 96 Resp: 48209

Ion	Ratio	Lower	Upper
96	100		
61	212.5	159.3	238.9
63	66.0	50.3	75.5

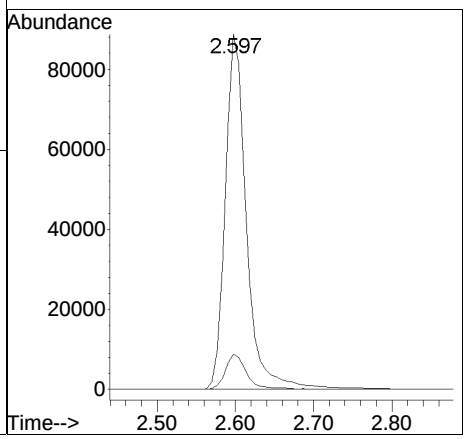


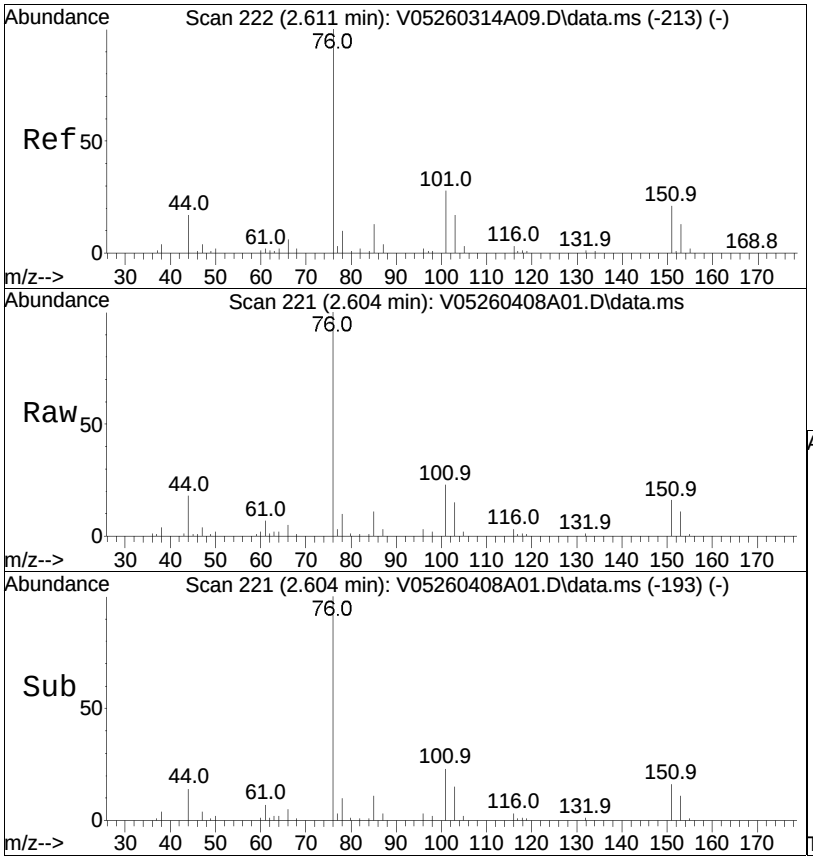


#11
Carbon disulfide
Concen: 10.26 ug/L
RT: 2.597 min Scan# 220
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 76 Resp: 167293

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.6	13.6

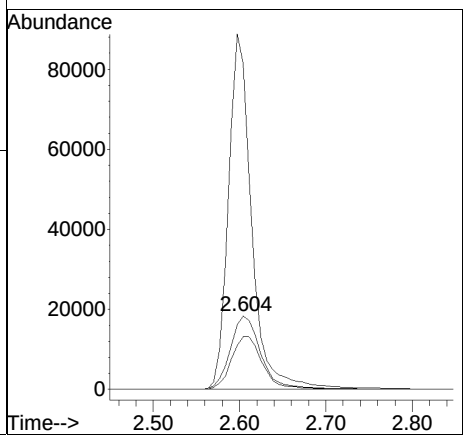


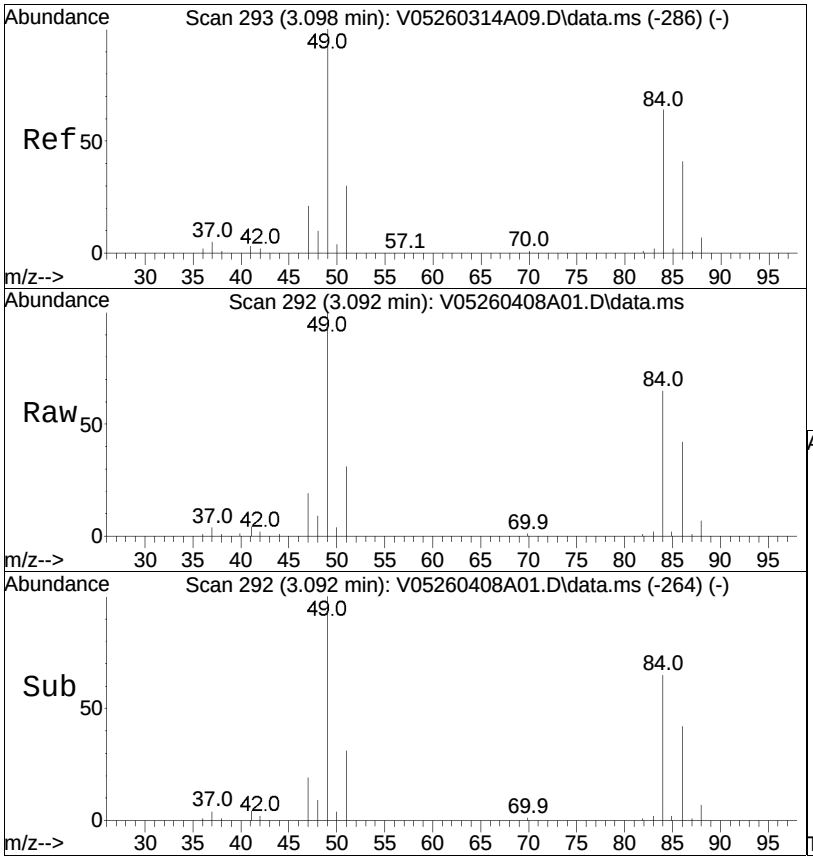


#12
Freon-113
Concen: 9.89 ug/L
RT: 2.604 min Scan# 221
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:101 Resp: 45703

Ion	Ratio	Lower	Upper
101	100		
151	73.1	59.4	89.0
76	366.4	294.9	442.3

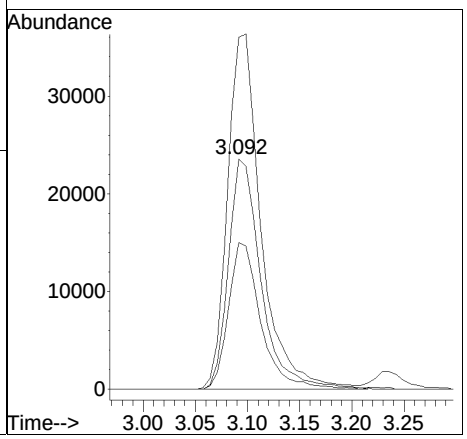


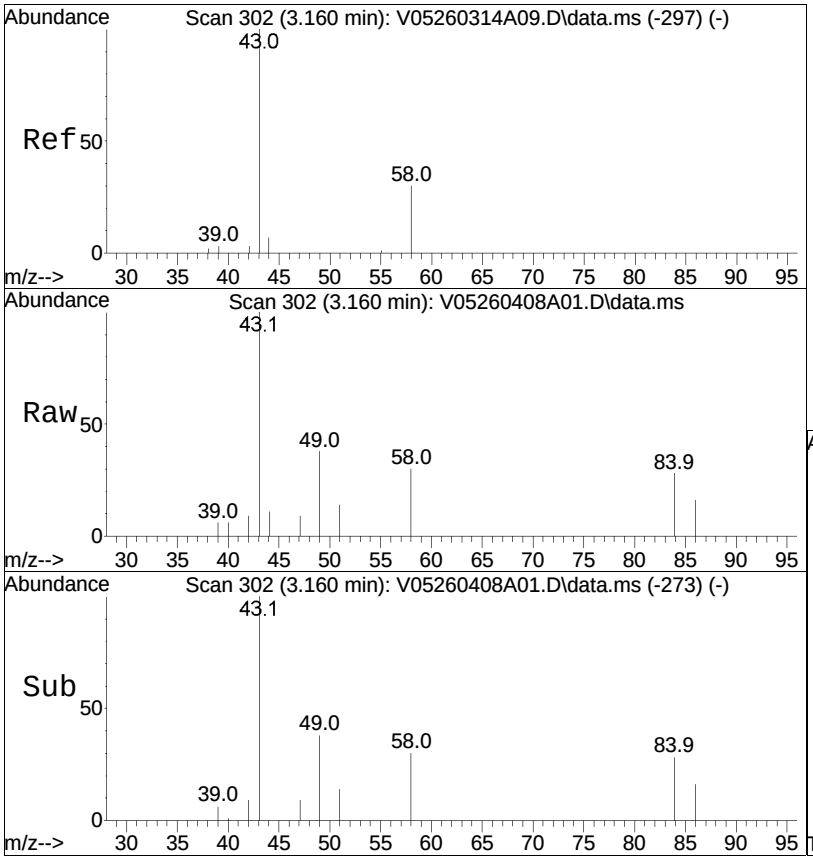


#15
Methylene chloride
Concen: 9.55 ug/L
RT: 3.092 min Scan# 292
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 84 Resp: 51501

Ion	Ratio	Lower	Upper
84	100		
86	63.5	42.0	87.2
49	158.0	100.2	208.2

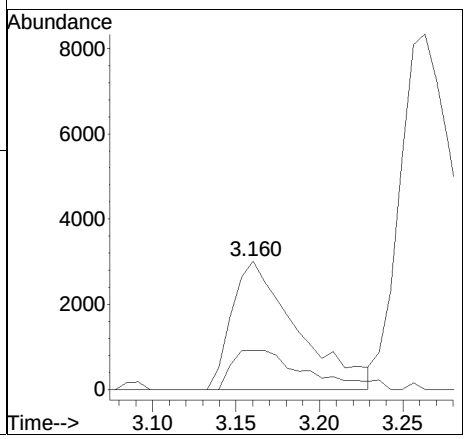


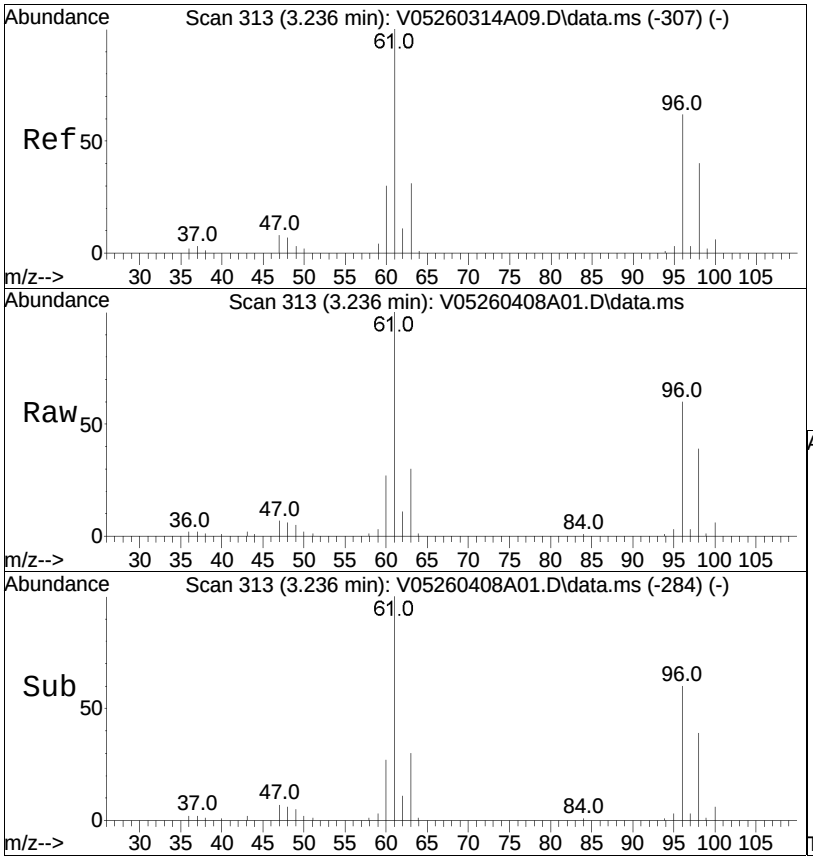


#17
Acetone
Concen: 9.04 ug/L
RT: 3.160 min Scan# 302
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 43 Resp: 8178

Ion	Ratio	Lower	Upper
43	100		
58	34.6	24.7	37.1

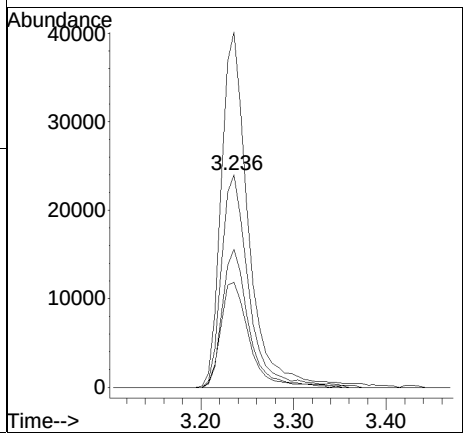


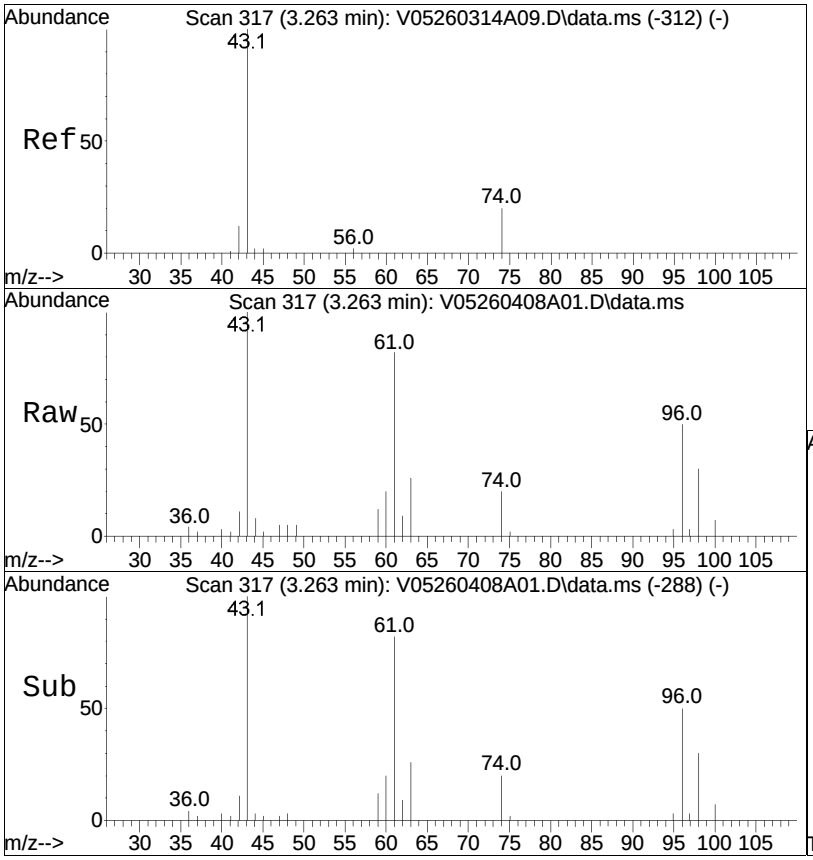


#18
trans-1,2-Dichloroethene
Concen: 9.50 ug/L
RT: 3.236 min Scan# 313
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 96 Resp: 49461

Ion	Ratio	Lower	Upper
96	100		
61	167.5	105.1	218.3
98	63.3	41.5	86.3
63	51.2	33.4	69.4

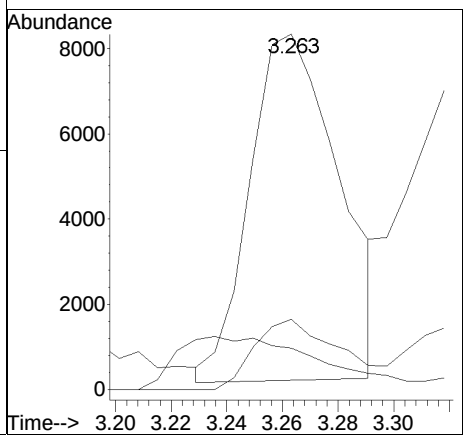


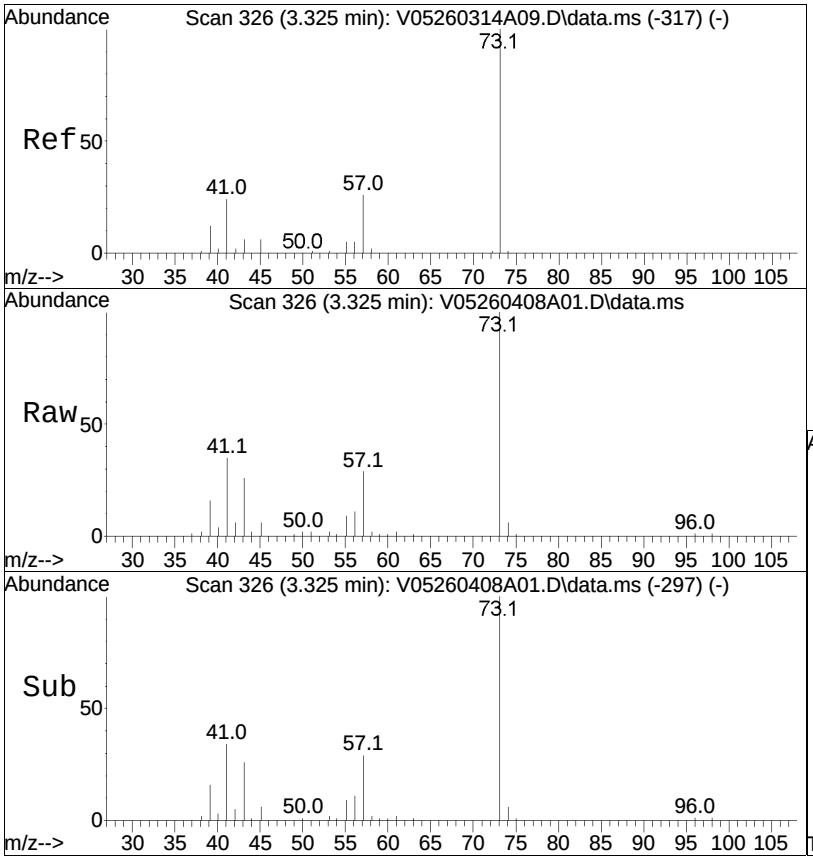


#19
Methyl acetate
Concen: 8.55 ug/L
RT: 3.263 min Scan# 317
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 43 Resp: 18098

Ion	Ratio	Lower	Upper
43	100		
74	19.9	17.1	25.7
59	24.7	21.7	32.5

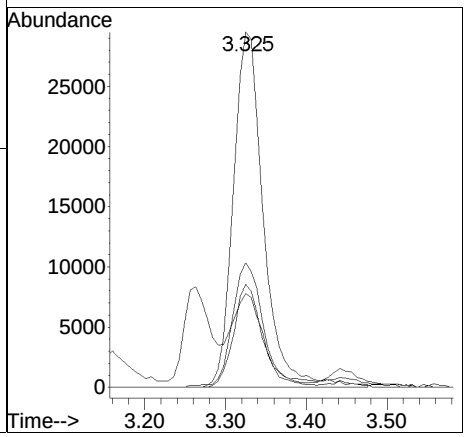


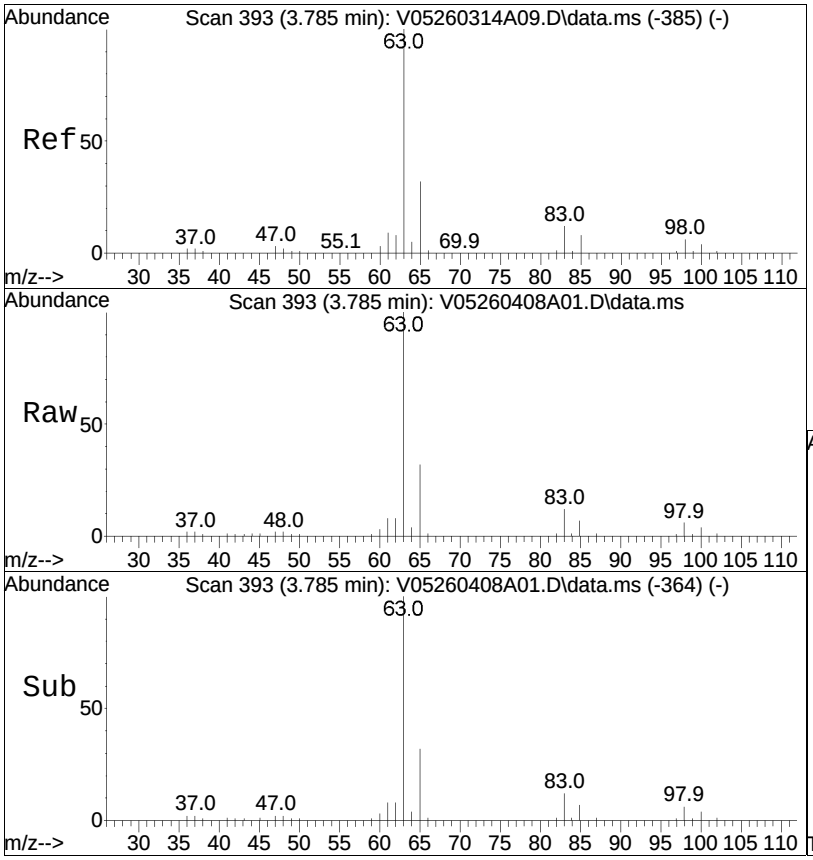


#20
Methyl tert-butyl ether
Concen: 6.53 ug/L
RT: 3.325 min Scan# 326
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 73 Resp: 76904

Ion	Ratio	Lower	Upper
73	100		
57	27.9	16.3	33.8
43	27.2	18.3	37.9
41	35.9	16.1	33.5#

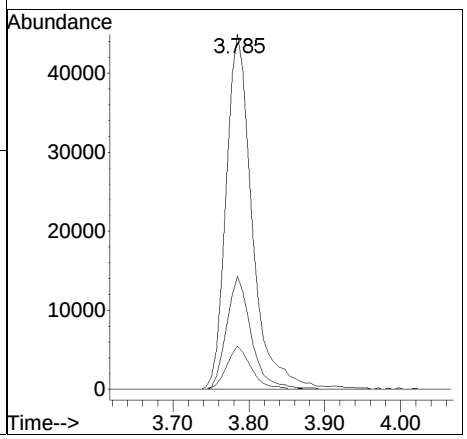


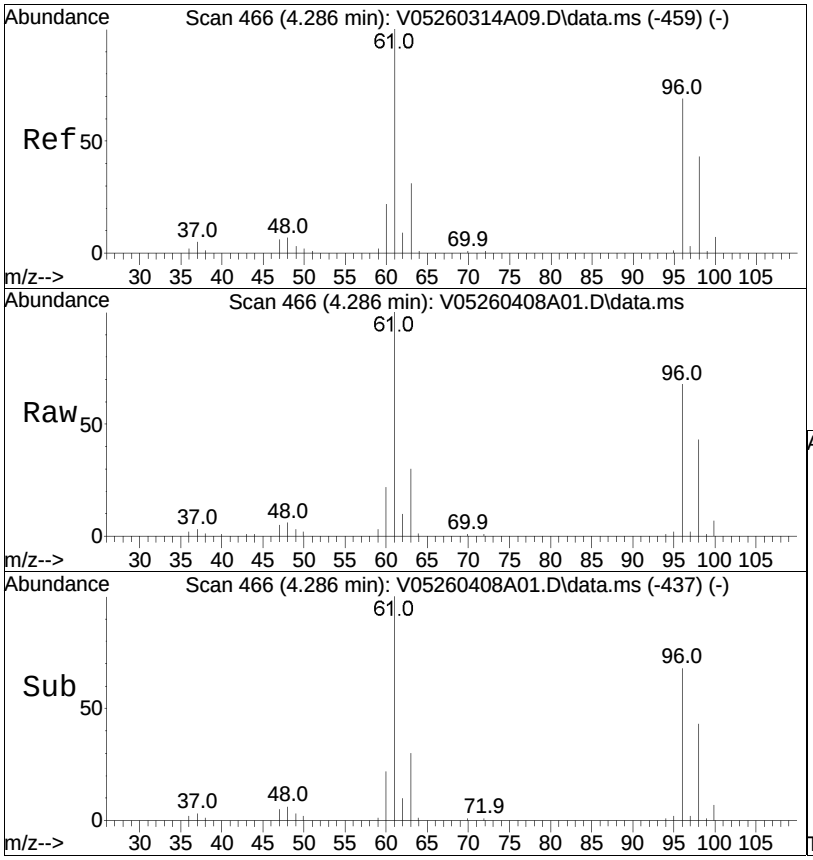


#23
1,1-Dichloroethane
Concen: 10.30 ug/L
RT: 3.785 min Scan# 393
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 63 Resp: 108517

Ion	Ratio	Lower	Upper
63	100		
65	29.9	10.6	50.6
83	11.3	0.0	32.4

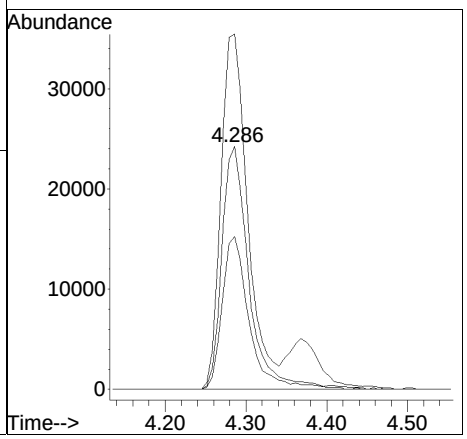


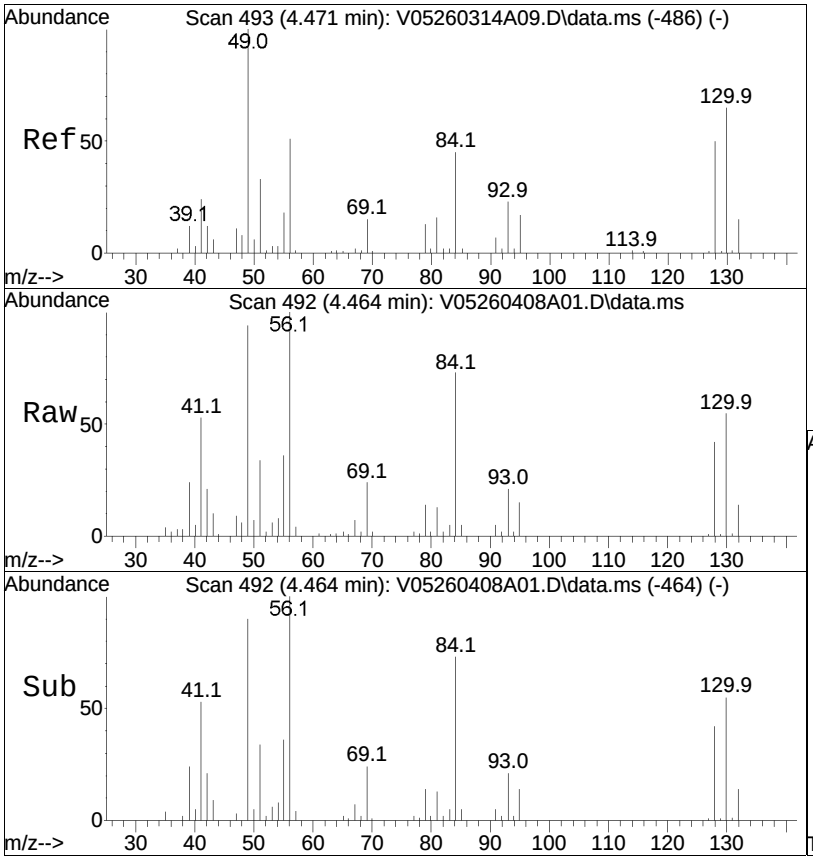


#28
cis-1,2-Dichloroethene
Concen: 9.82 ug/L
RT: 4.286 min Scan# 466
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 96 Resp: 56917

Ion	Ratio	Lower	Upper
96	100		
61	143.2	111.9	167.9
98	62.7	48.4	72.6

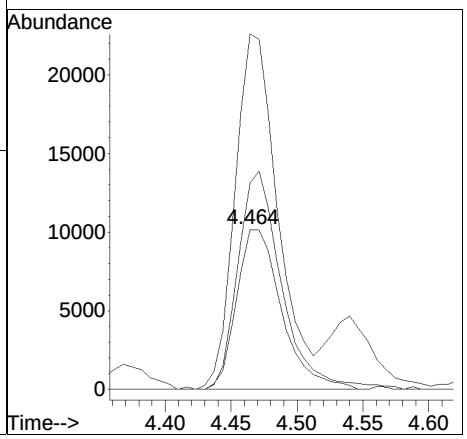


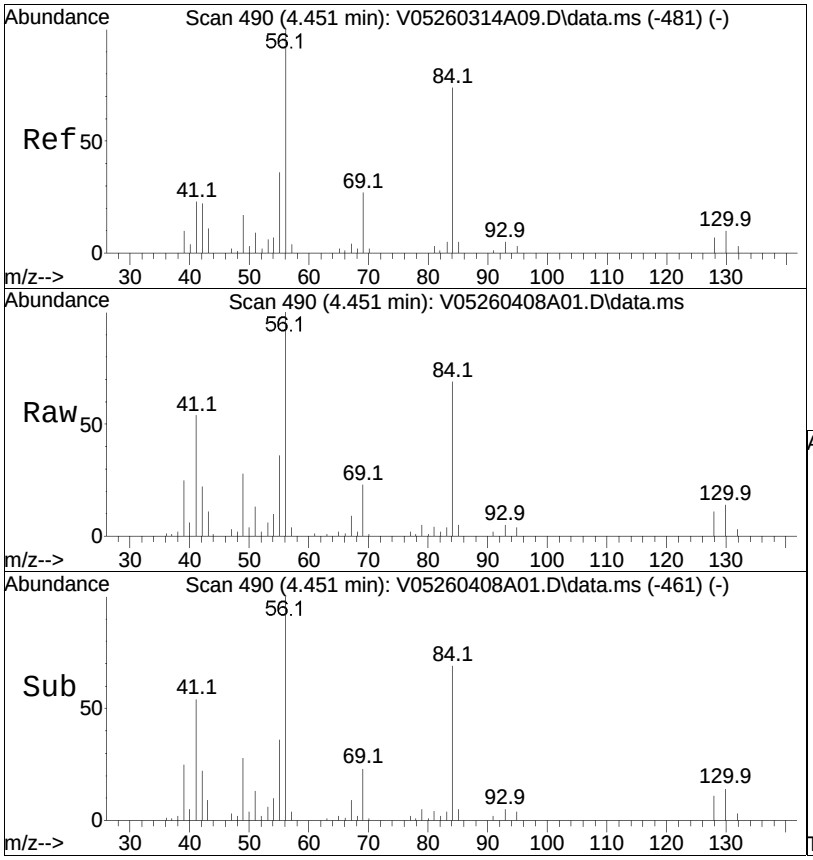


#30
Bromochloromethane
Concen: 10.13 ug/L
RT: 4.464 min Scan# 492
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:128 Resp: 24225

Ion	Ratio	Lower	Upper
128	100		
49	209.5	160.8	241.2
130	132.8	102.7	154.1

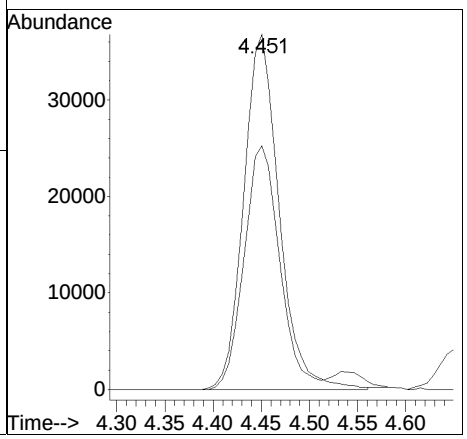


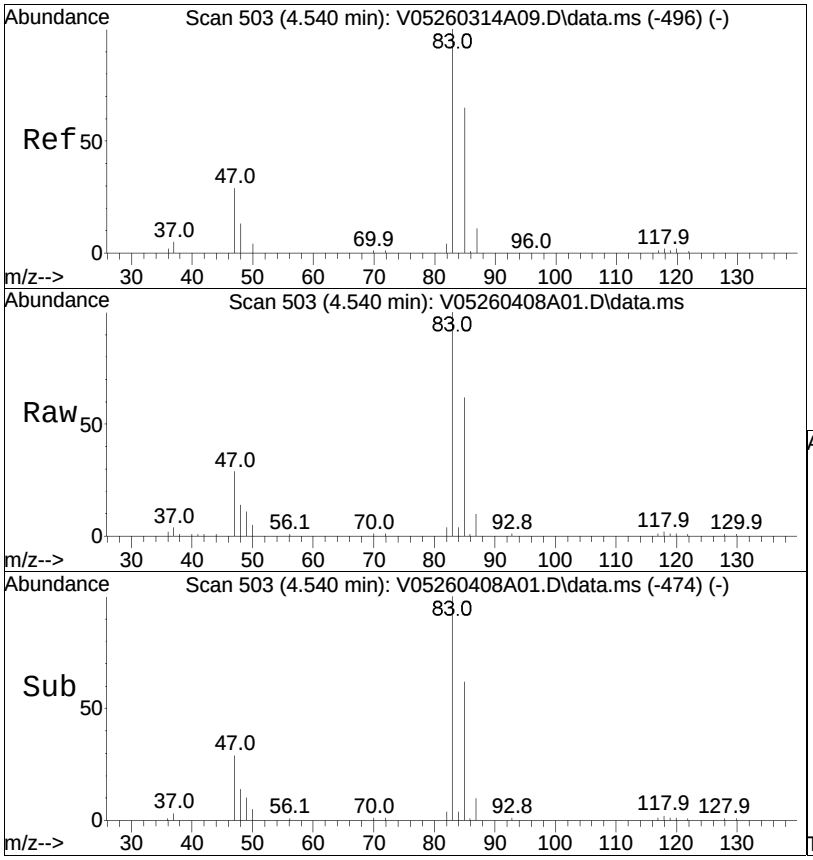


#31
Cyclohexane
Concen: 8.77 ug/L
RT: 4.451 min Scan# 490
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 56 Resp: 94217

Ion	Ratio	Lower	Upper
56	100		
84	69.0	47.6	99.0

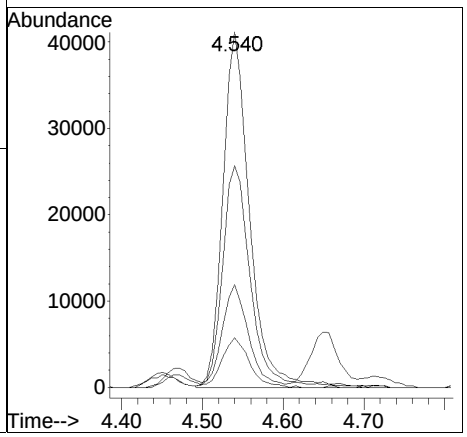


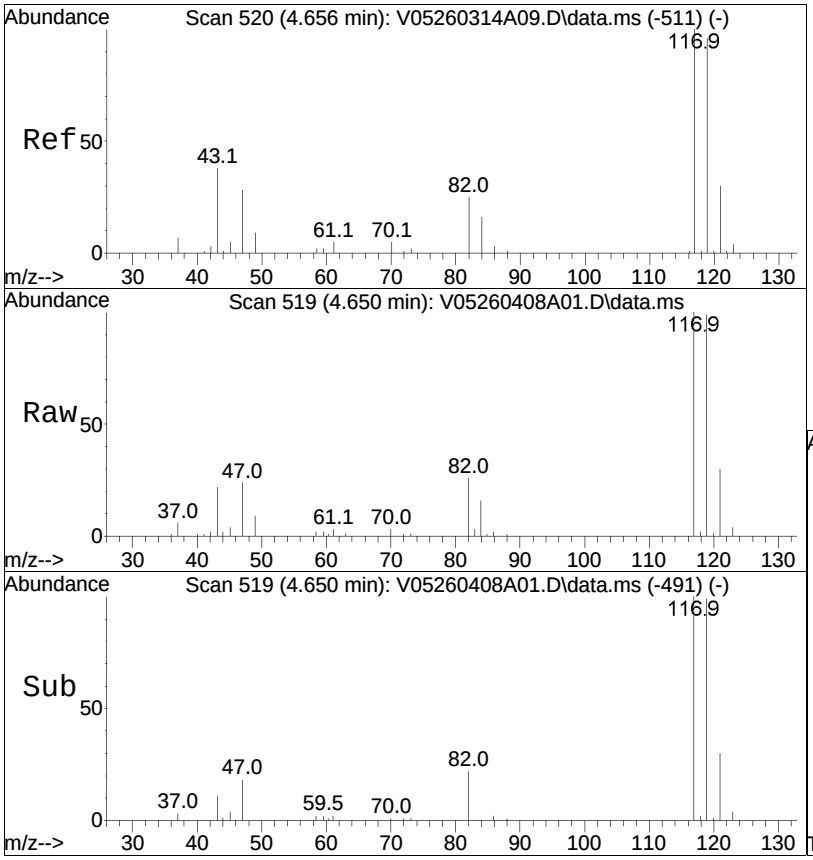


#32
Chloroform
Concen: 9.81 ug/L
RT: 4.540 min Scan# 503
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 83 Resp: 95293

Ion	Ratio	Lower	Upper
83	100		
85	64.9	41.9	87.1
47	25.9	18.5	38.5
48	14.1	10.0	20.8

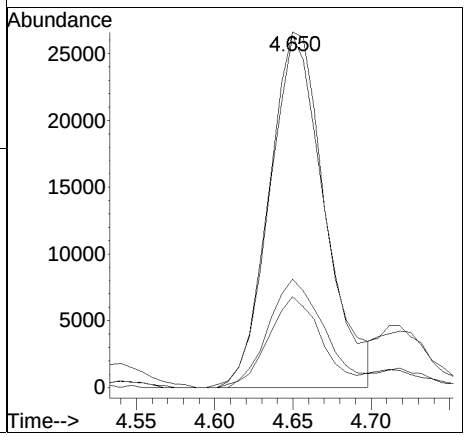


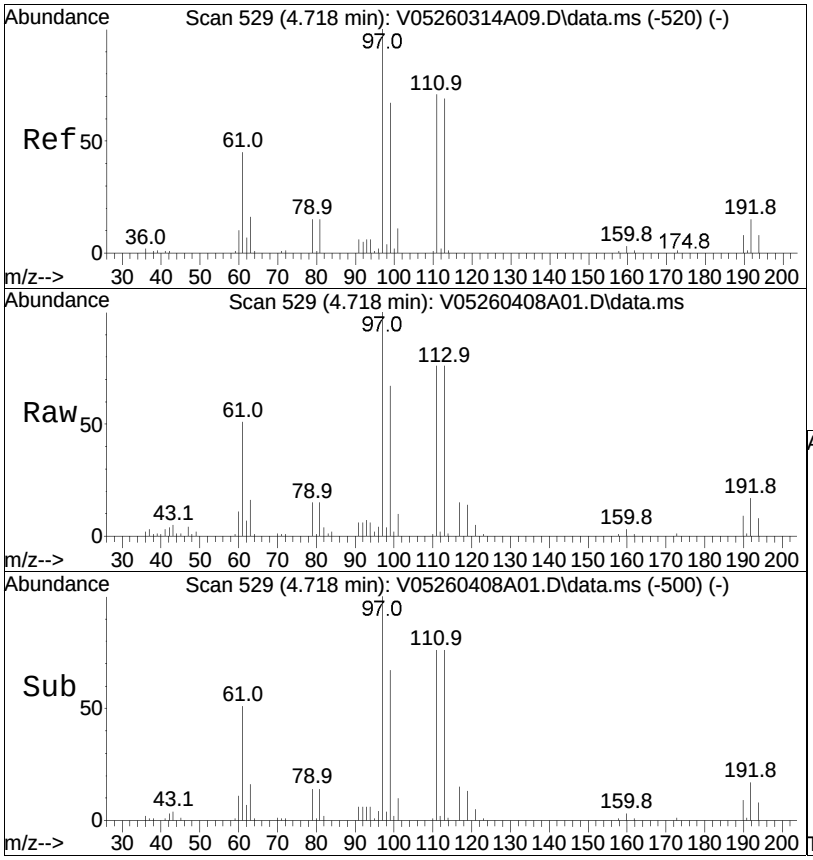


#34
Carbon tetrachloride
Concen: 8.68 ug/L
RT: 4.650 min Scan# 519
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:117 Resp: 66630

Ion	Ratio	Lower	Upper
117	100		
119	95.7	64.0	133.0
121	30.3	19.9	41.3
82	24.1	16.9	35.1

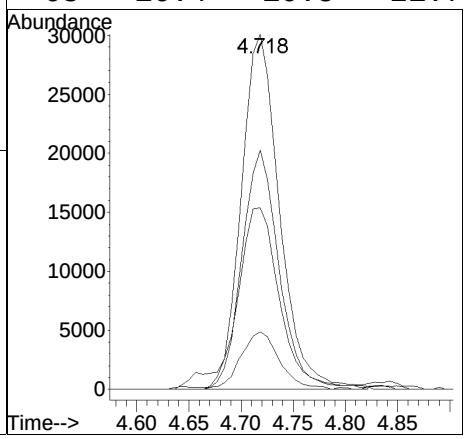


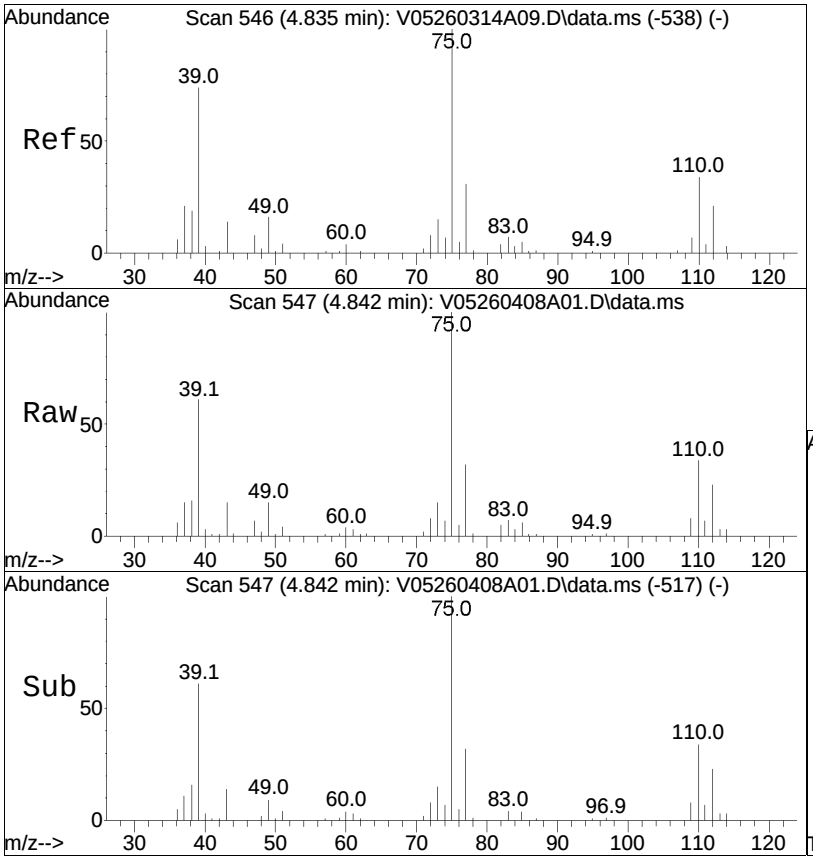


#37
1,1,1-Trichloroethane
Concen: 8.93 ug/L
RT: 4.718 min Scan# 529
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 97 Resp: 77016

Ion	Ratio	Lower	Upper
97	100		
99	65.7	42.3	87.9
61	57.4	35.0	72.6
63	16.4	10.5	21.7

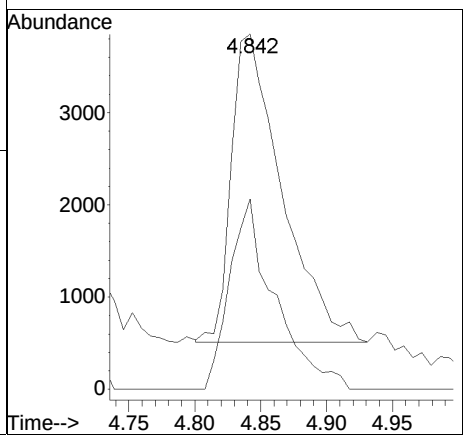


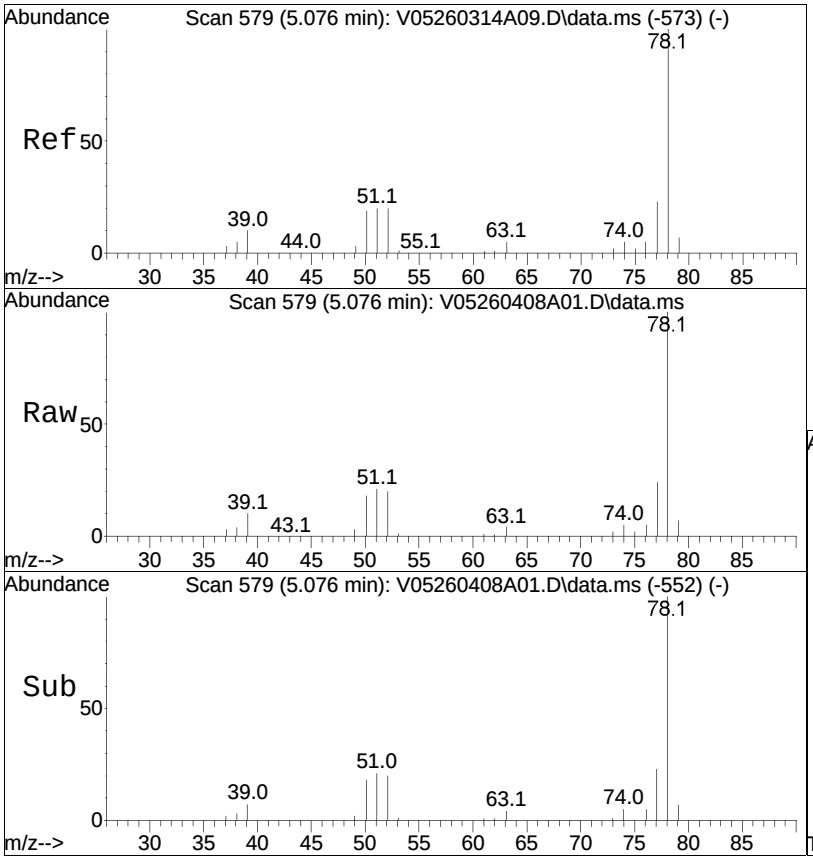


#39
2-Butanone
Concen: 6.71 ug/L
RT: 4.842 min Scan# 547
Delta R.T. 0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 43 Resp: 8912

Ion	Ratio	Lower	Upper
43	100		
72	55.4	39.2	58.8

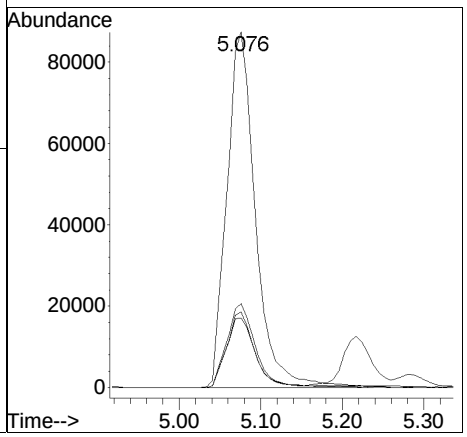


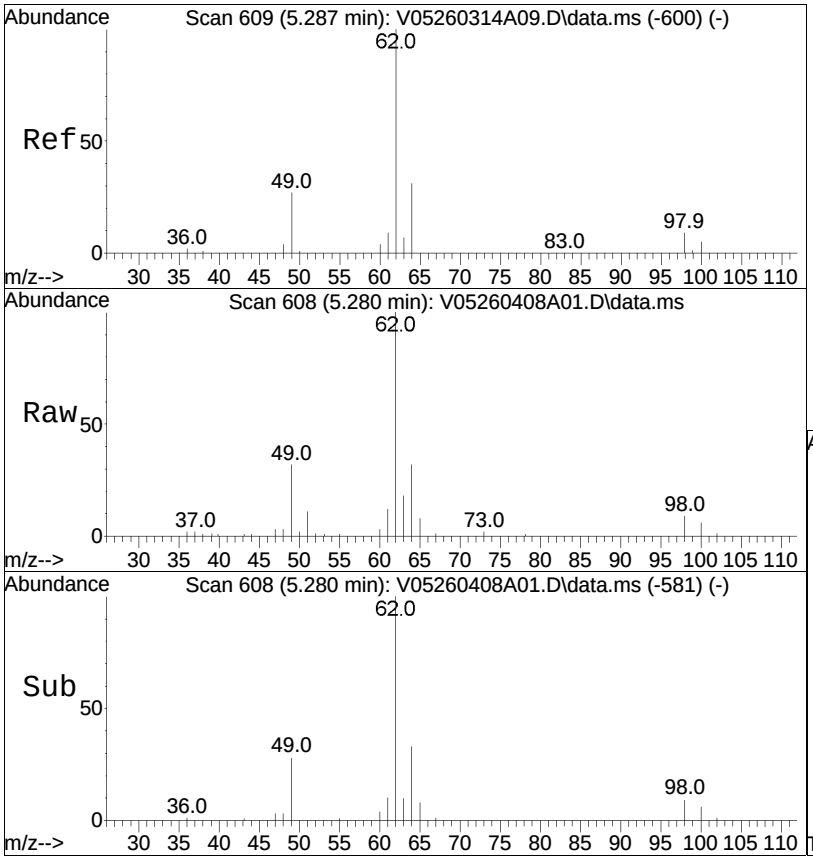


#41
Benzene
Concen: 9.71 ug/L
RT: 5.076 min Scan# 579
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 78 Resp: 202541

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.5	32.1
51	21.4	13.6	28.2
52	20.5	12.8	26.6

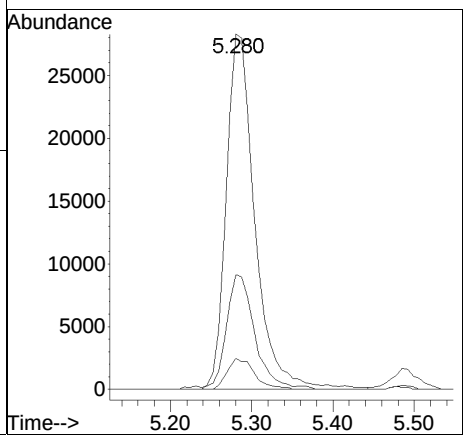


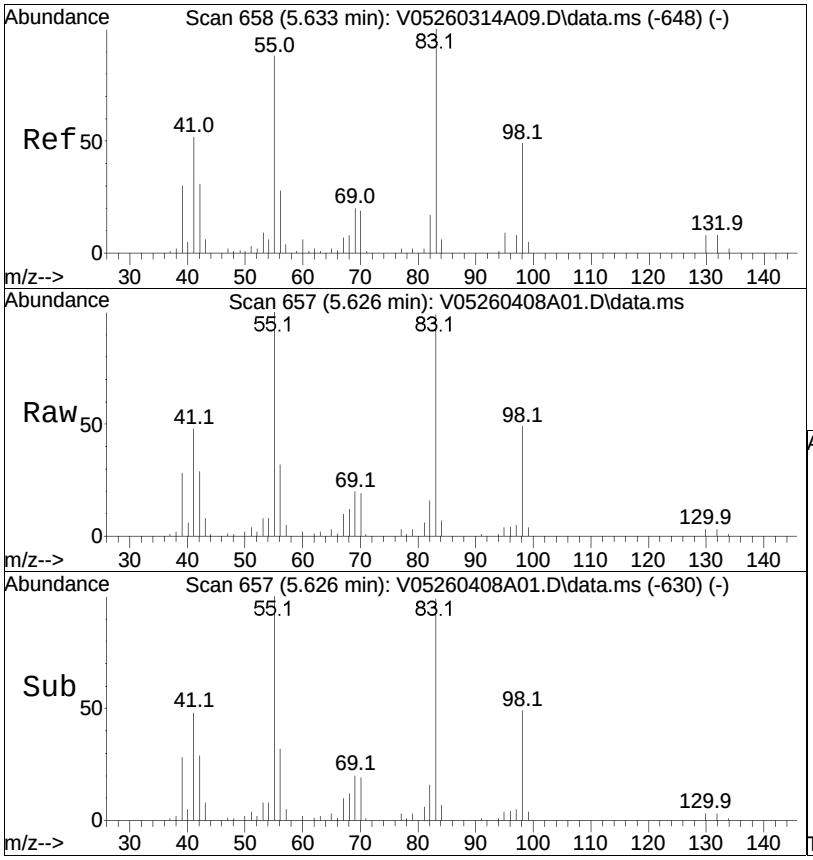


#44
1,2-Dichloroethane
Concen: 9.87 ug/L
RT: 5.280 min Scan# 608
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 62 Resp: 69533

Ion	Ratio	Lower	Upper
62	100		
64	32.4	12.5	52.5
98	8.3	0.0	28.2

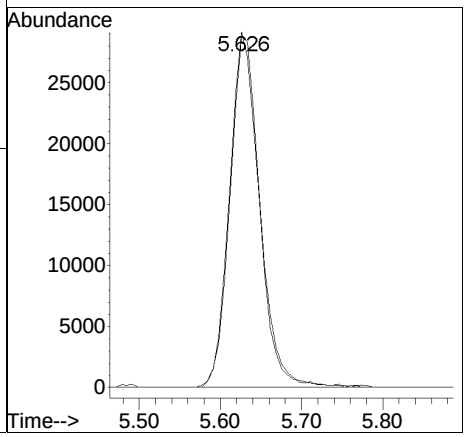


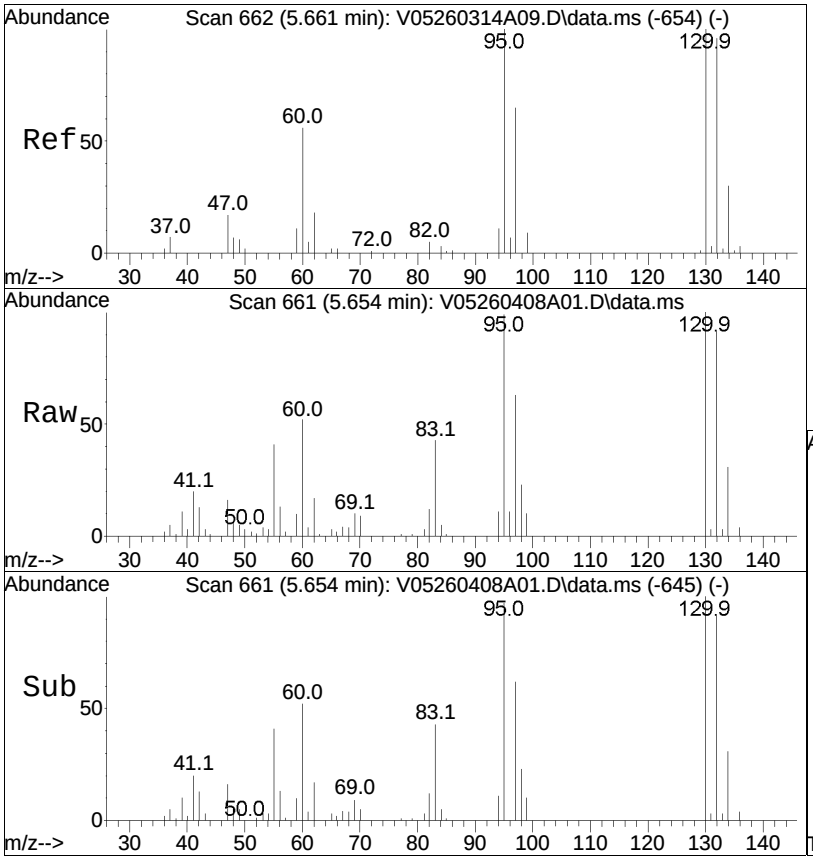


#47
Methyl cyclohexane
Concen: 8.19 ug/L
RT: 5.626 min Scan# 657
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 83 Resp: 74547

Ion	Ratio	Lower	Upper
83	100		
55	98.9	73.4	110.2

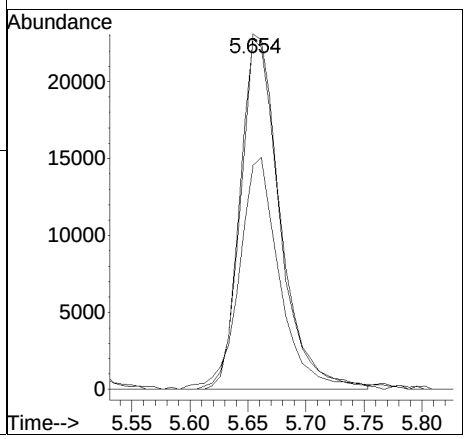


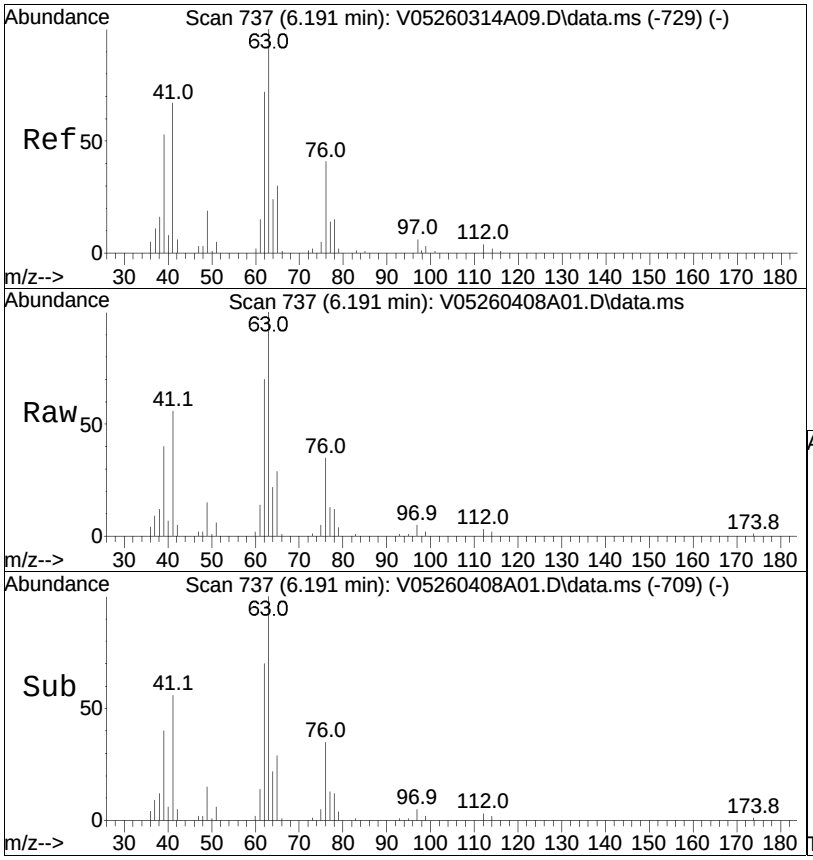


#48
Trichloroethene
Concen: 9.25 ug/L
RT: 5.654 min Scan# 661
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 95 Resp: 54562

Ion	Ratio	Lower	Upper
95	100		
97	67.1	53.3	79.9
130	101.2	81.0	121.4

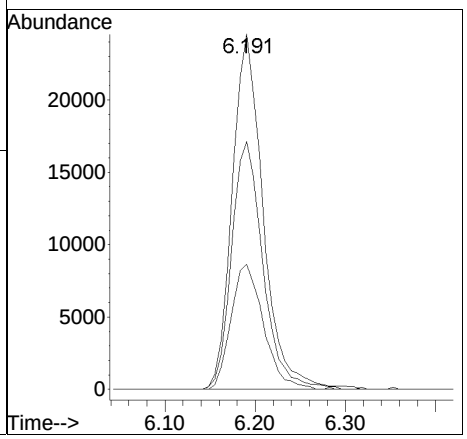


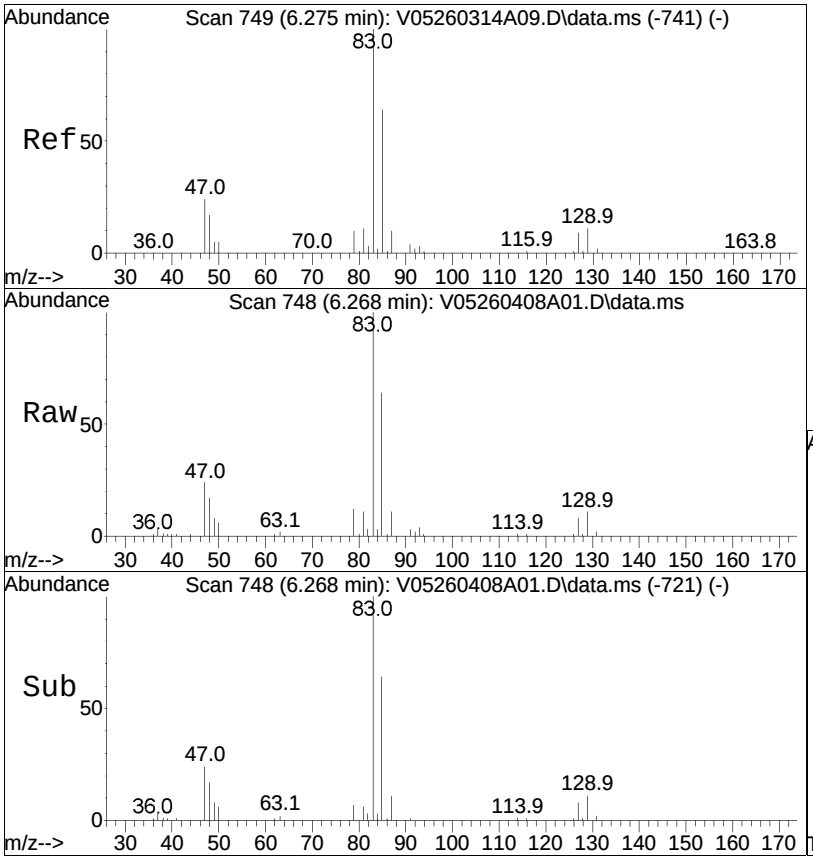


#51
1,2-Dichloropropane
Concen: 10.35 ug/L
RT: 6.191 min Scan# 737
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 63 Resp: 58616

Ion	Ratio	Lower	Upper
63	100		
62	70.7	57.7	86.5
76	37.0	33.0	49.6

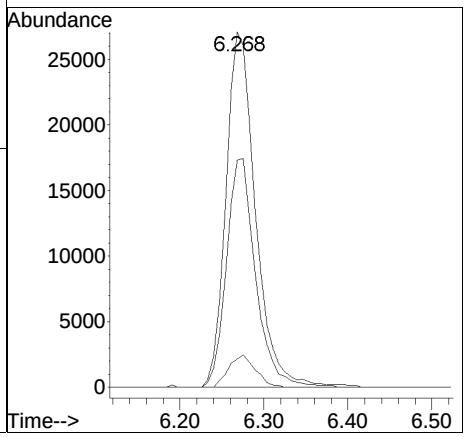


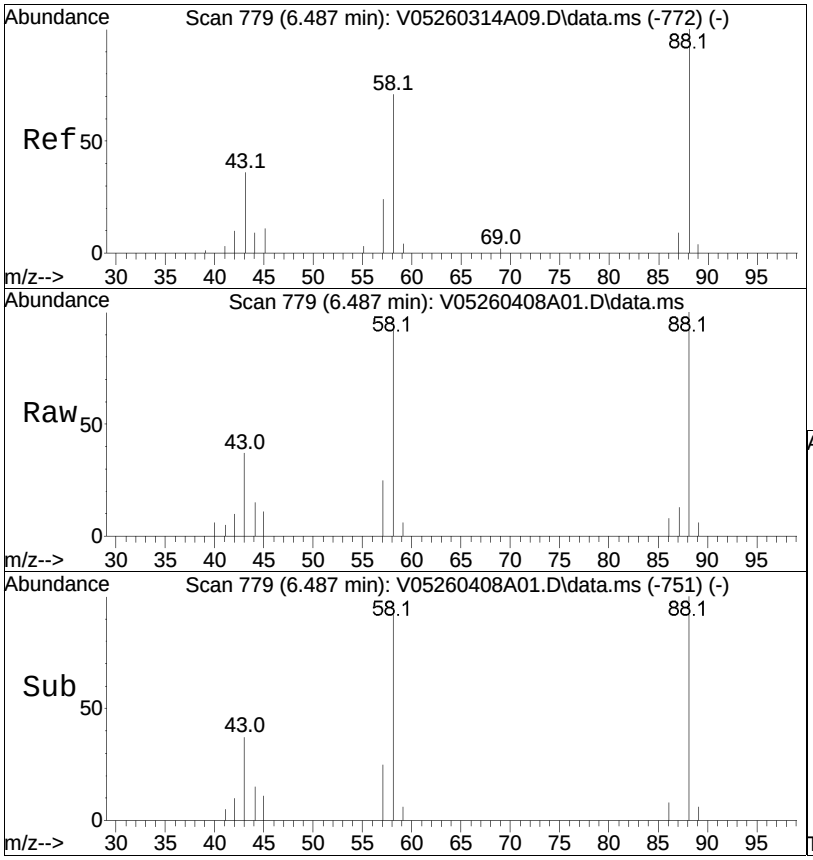


#54
Bromodichloromethane
Concen: 8.98 ug/L
RT: 6.268 min Scan# 748
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 83 Resp: 66443

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3
127	8.3	6.5	9.7

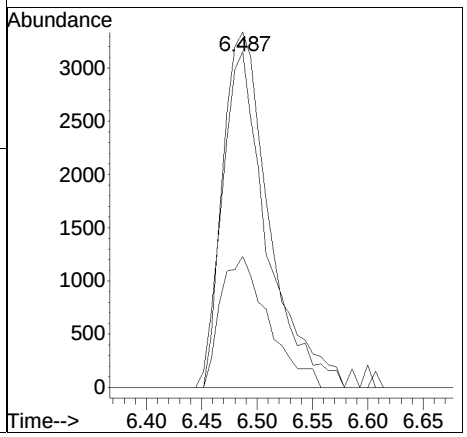


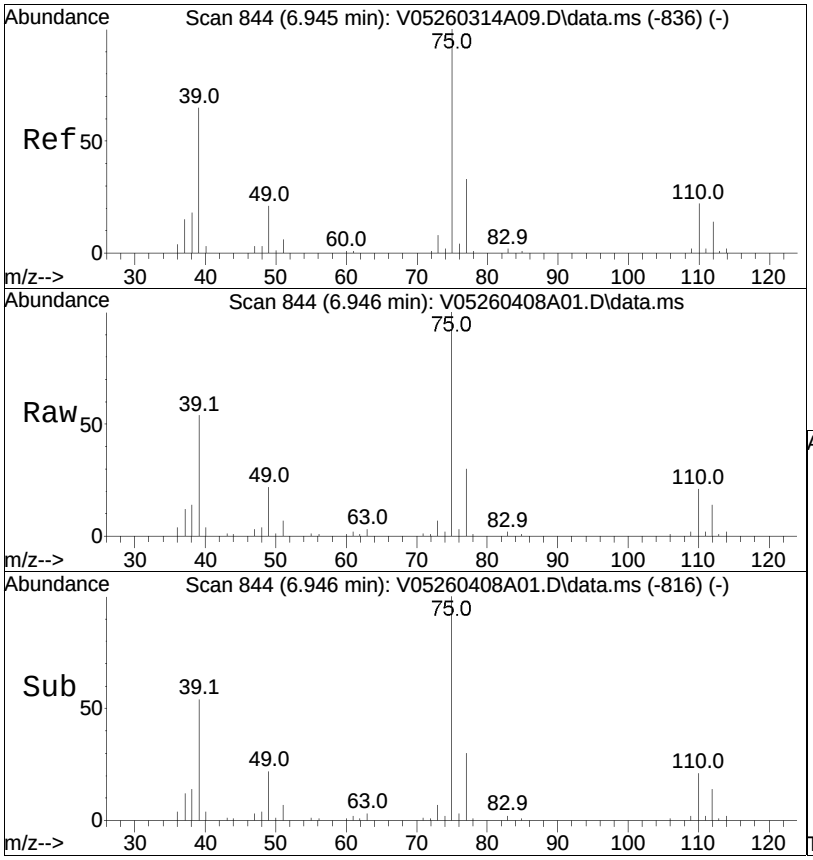


#57
1,4-Dioxane
Concen: 359.30 ug/L
RT: 6.487 min Scan# 779
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 88 Resp: 9884

Ion	Ratio	Lower	Upper
88	100		
58	88.9	62.0	93.0
43	37.4	29.3	43.9

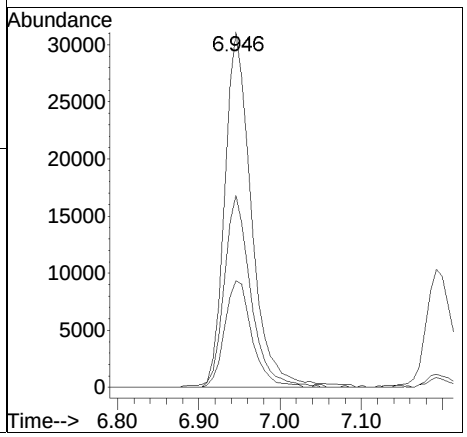


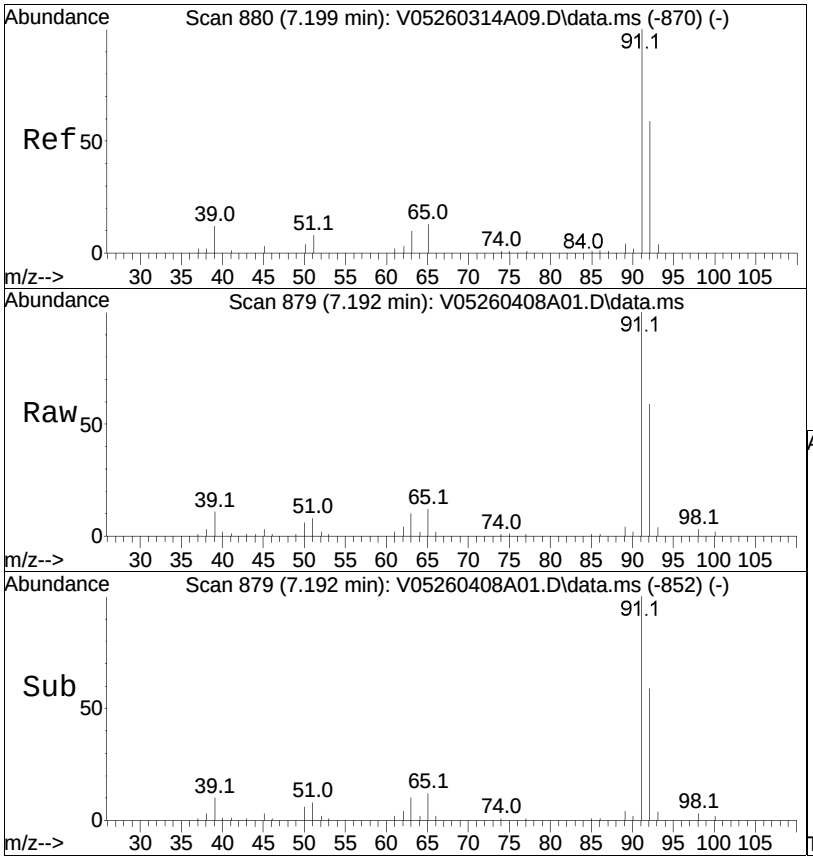


#58
cis-1,3-Dichloropropene
Concen: 8.83 ug/L
RT: 6.946 min Scan# 844
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 75 Resp: 71576

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.3	37.9
39	54.0	53.2	79.8

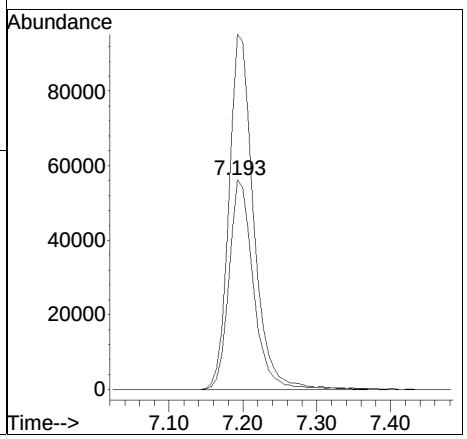


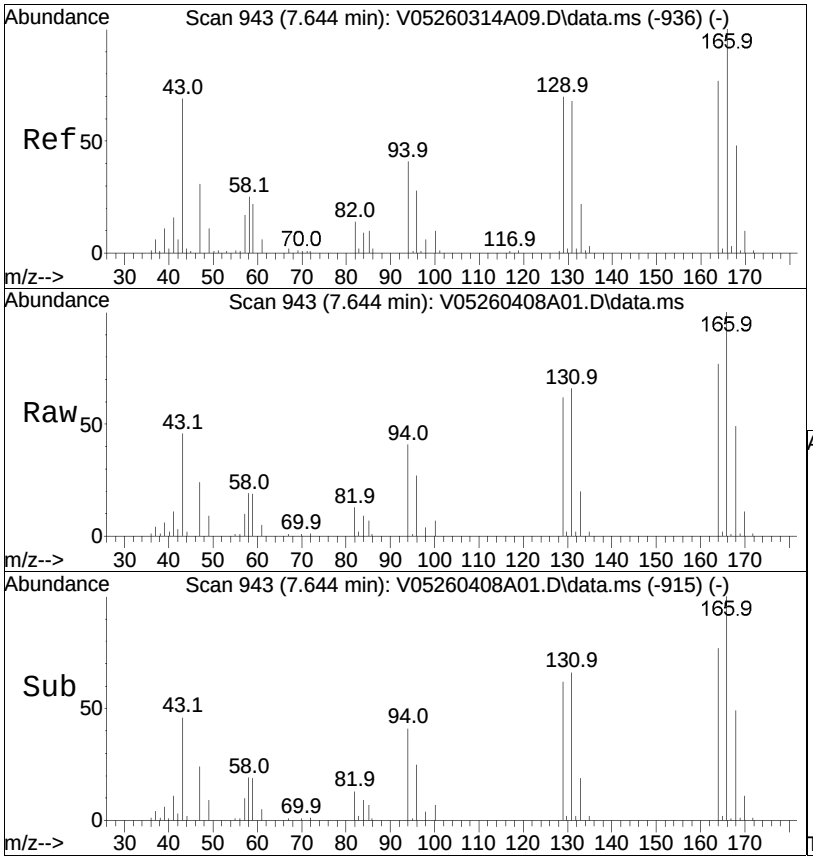


#61
Toluene
Concen: 9.35 ug/L
RT: 7.192 min Scan# 879
Delta R.T. -0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 92 Resp: 129130

Ion	Ratio	Lower	Upper
92	100		
91	171.2	135.5	203.3

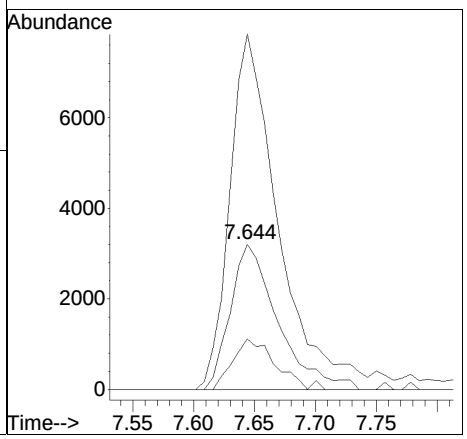


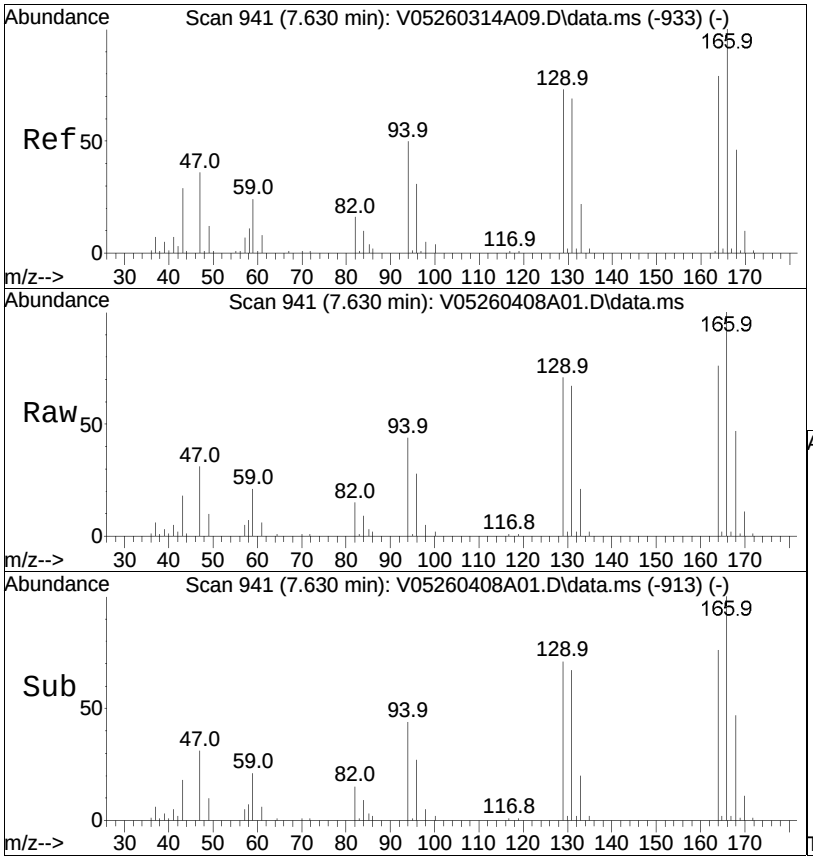


#62
4-Methyl-2-pentanone
Concen: 7.03 ug/L
RT: 7.644 min Scan# 943
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 58 Resp: 8664

Ion	Ratio	Lower	Upper
58	100		
100	31.5	27.6	41.4
43	250.4	214.2	321.2

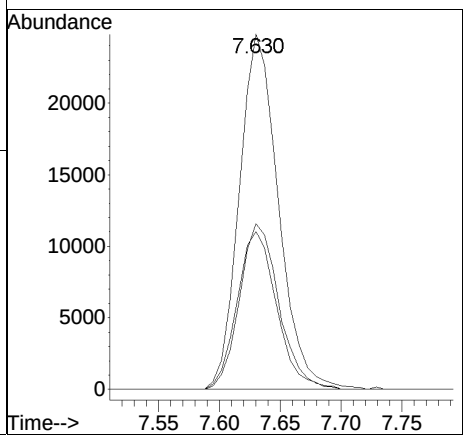


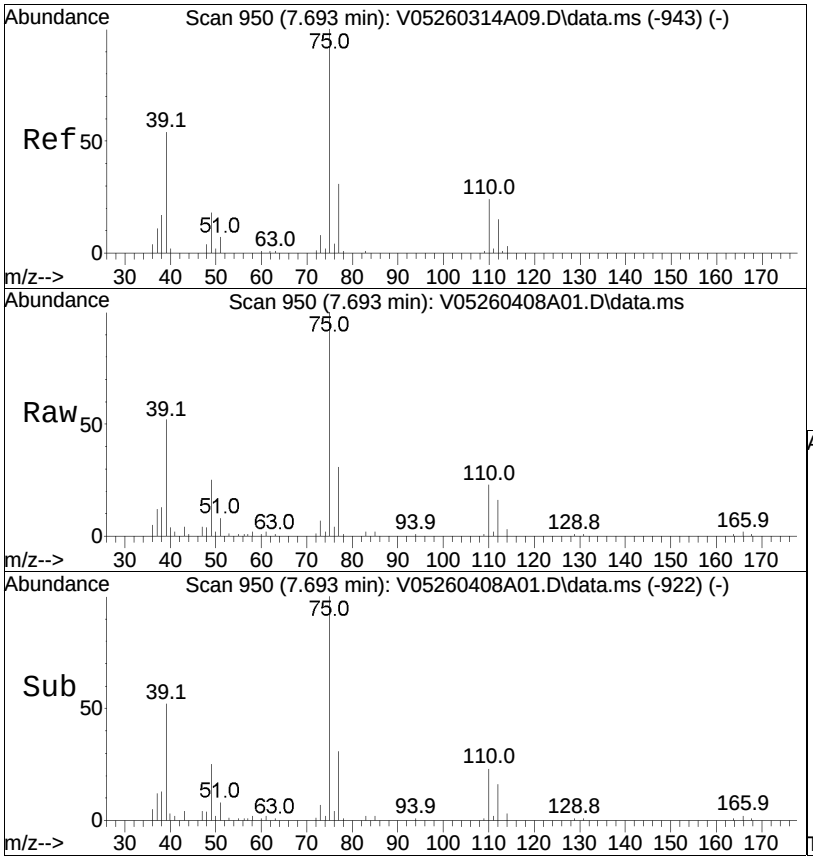


#63
Tetrachloroethene
Concen: 9.60 ug/L
RT: 7.630 min Scan# 941
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:166 Resp: 55574

Ion	Ratio	Lower	Upper
166	100		
168	46.9	27.8	67.8
94	44.8	27.4	67.4

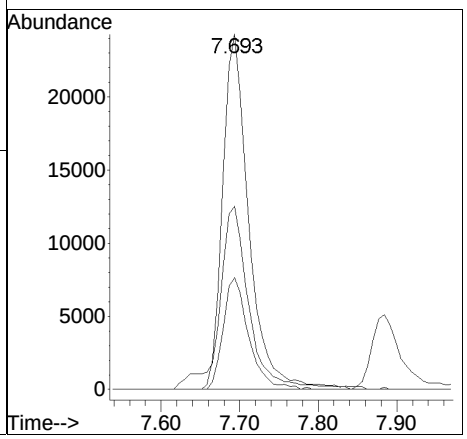


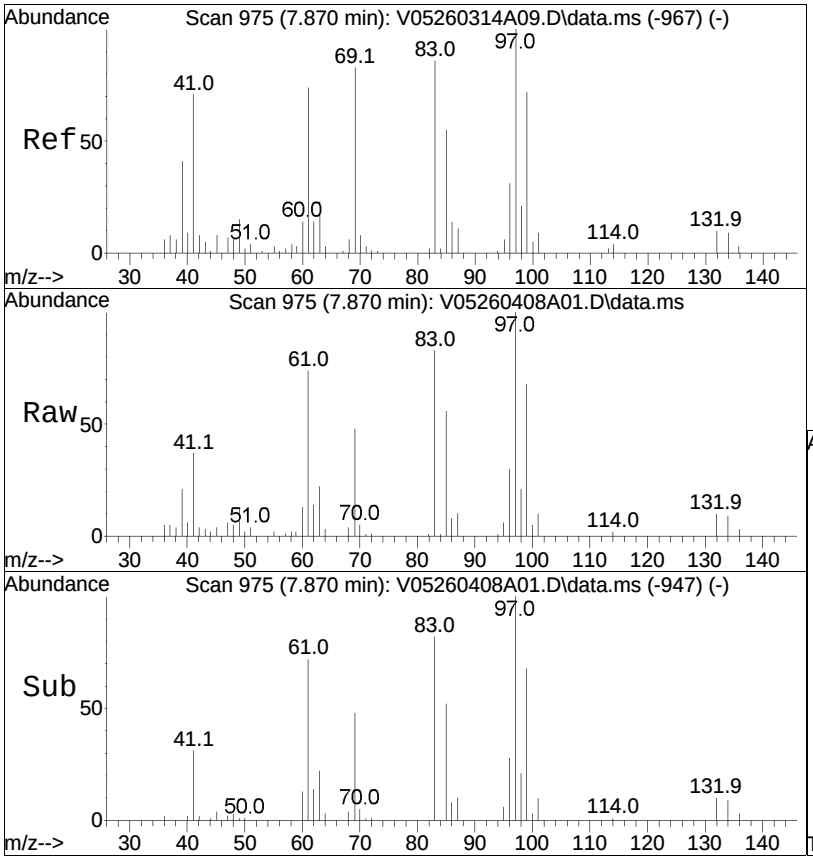


#65
trans-1,3-Dichloropropene
Concen: 8.18 ug/L
RT: 7.693 min Scan# 950
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 75 Resp: 56605

Ion	Ratio	Lower	Upper
75	100		
77	30.6	11.5	51.5
39	58.0	40.9	80.9

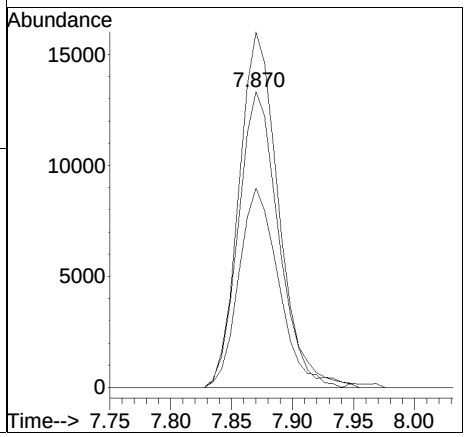


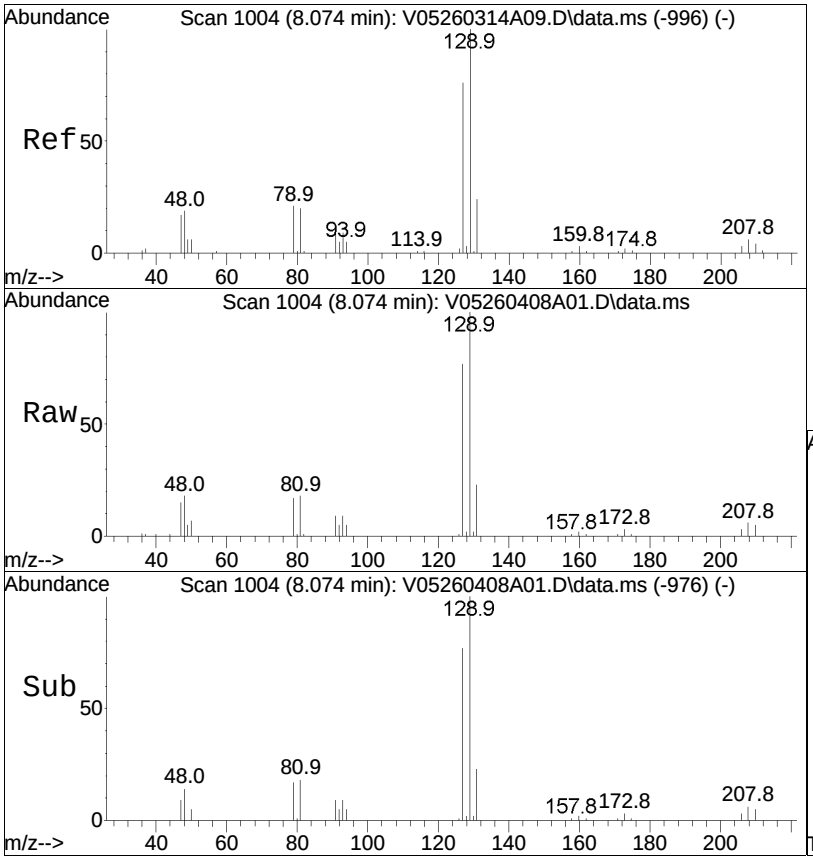


#68
1,1,2-Trichloroethane
Concen: 9.25 ug/L
RT: 7.870 min Scan# 975
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 83 Resp: 30664

Ion	Ratio	Lower	Upper
83	100		
97	118.5	95.5	135.5
85	66.7	46.9	86.9

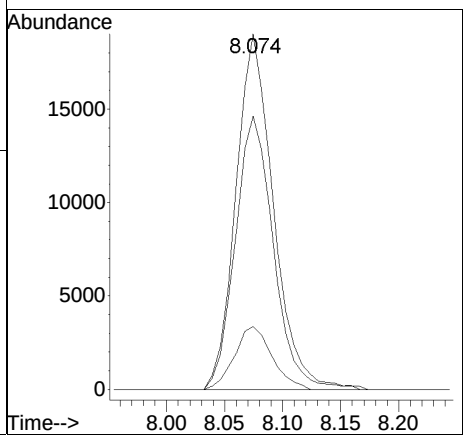


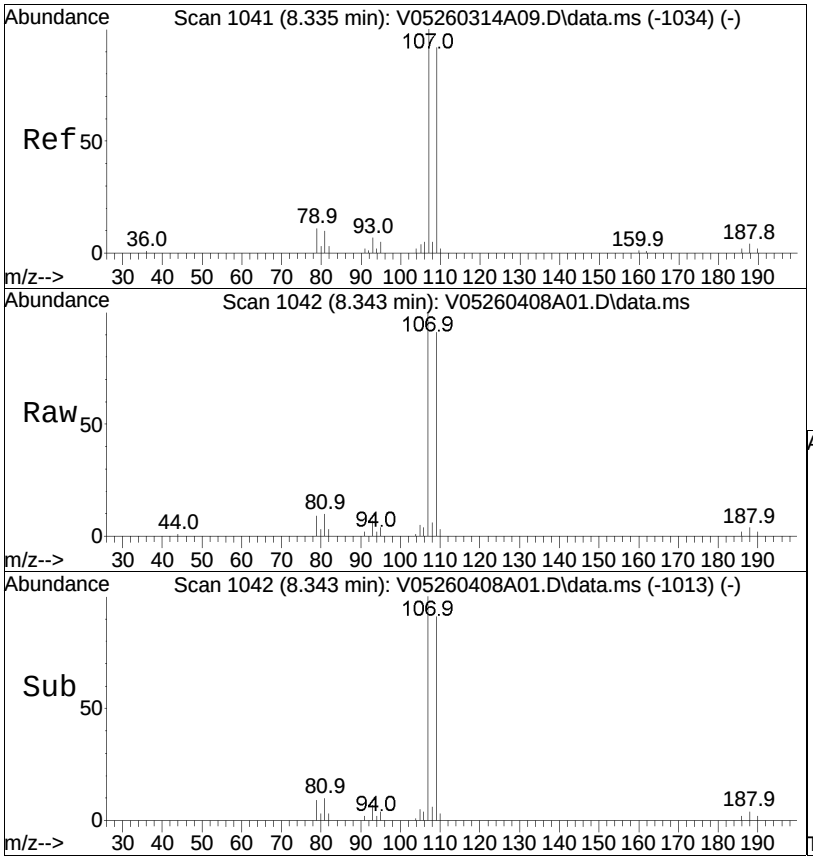


#69
Chlorodibromomethane
Concen: 8.72 ug/L
RT: 8.074 min Scan# 1004
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:129 Resp: 42770

Ion	Ratio	Lower	Upper
129	100		
81	17.7	0.0	39.4
127	78.3	57.9	97.9

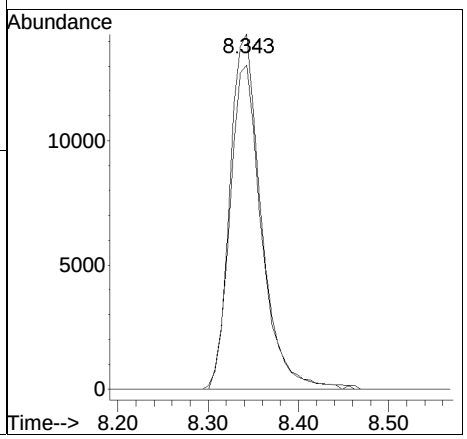


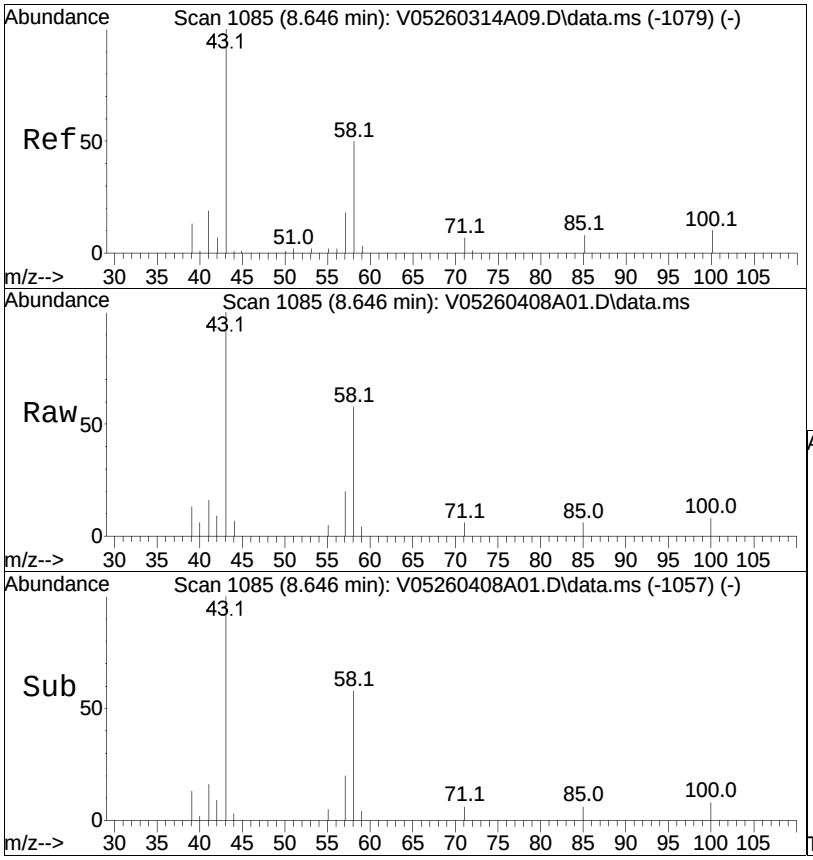


#71
1,2-Dibromoethane
Concen: 9.20 ug/L
RT: 8.343 min Scan# 1042
Delta R.T. 0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:107 Resp: 34727

Ion	Ratio	Lower	Upper
107	100		
109	91.9	76.2	114.2

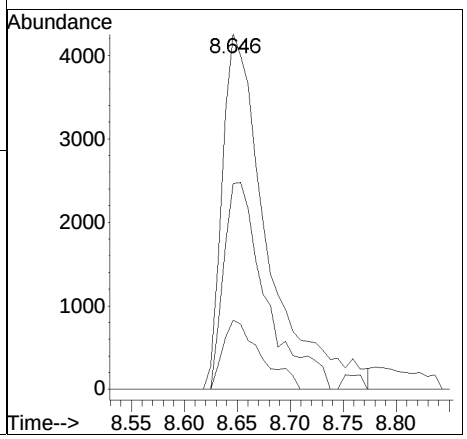


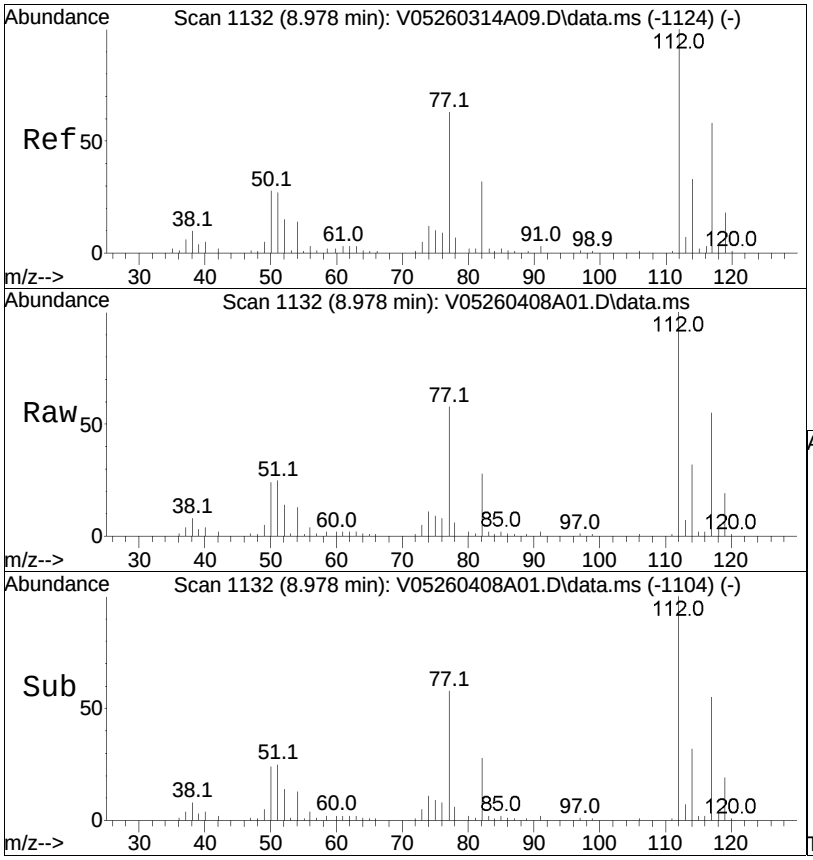


#72
2-Hexanone
Concen: 6.18 ug/L
RT: 8.646 min Scan# 1085
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 43 Resp: 12699

Ion	Ratio	Lower	Upper
43	100		
58	54.1	42.8	64.2
57	16.3	15.8	23.6

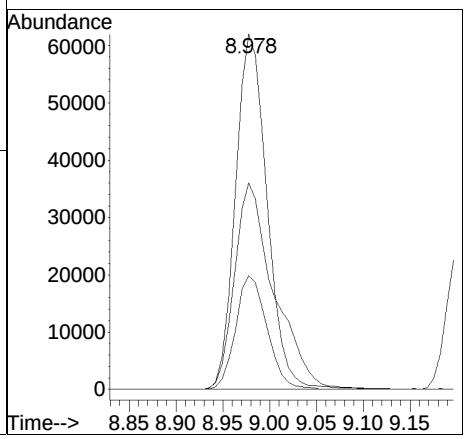


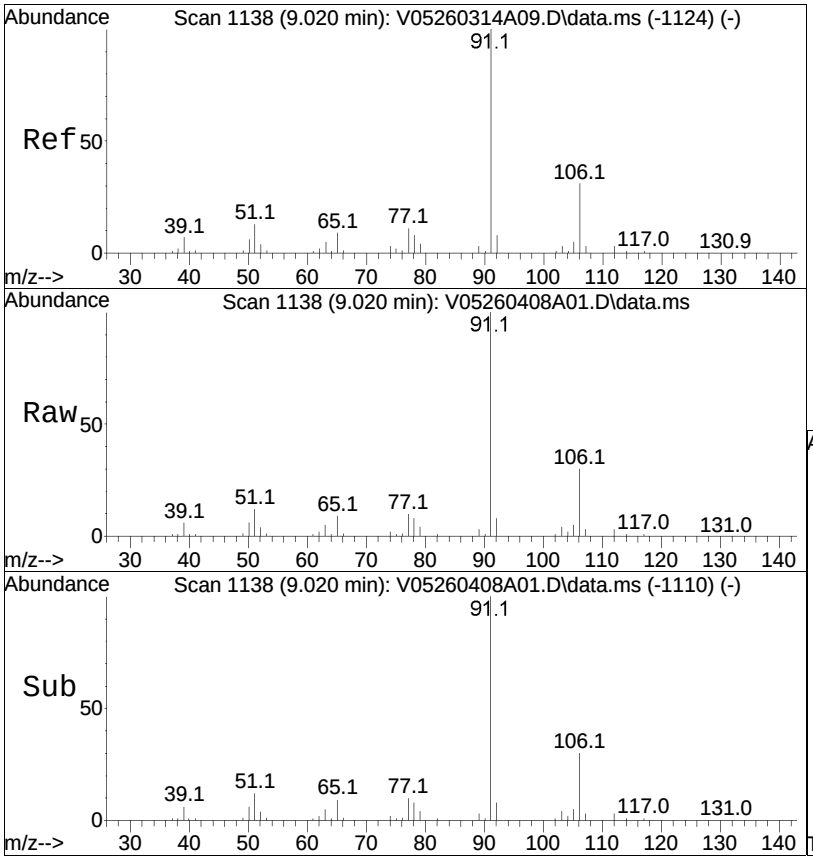


#73
Chlorobenzene
Concen: 9.78 ug/L
RT: 8.978 min Scan# 1132
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:112 Resp: 145135

Ion	Ratio	Lower	Upper
112	100		
77	72.9	61.6	92.4
114	31.9	25.8	38.8

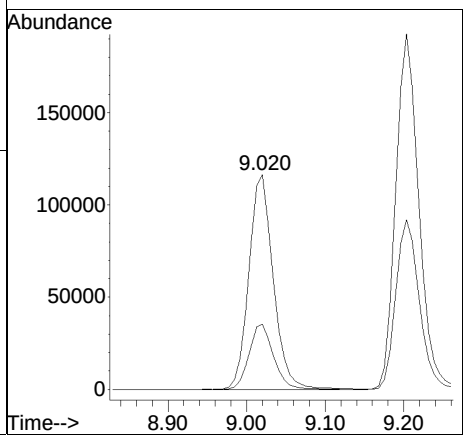


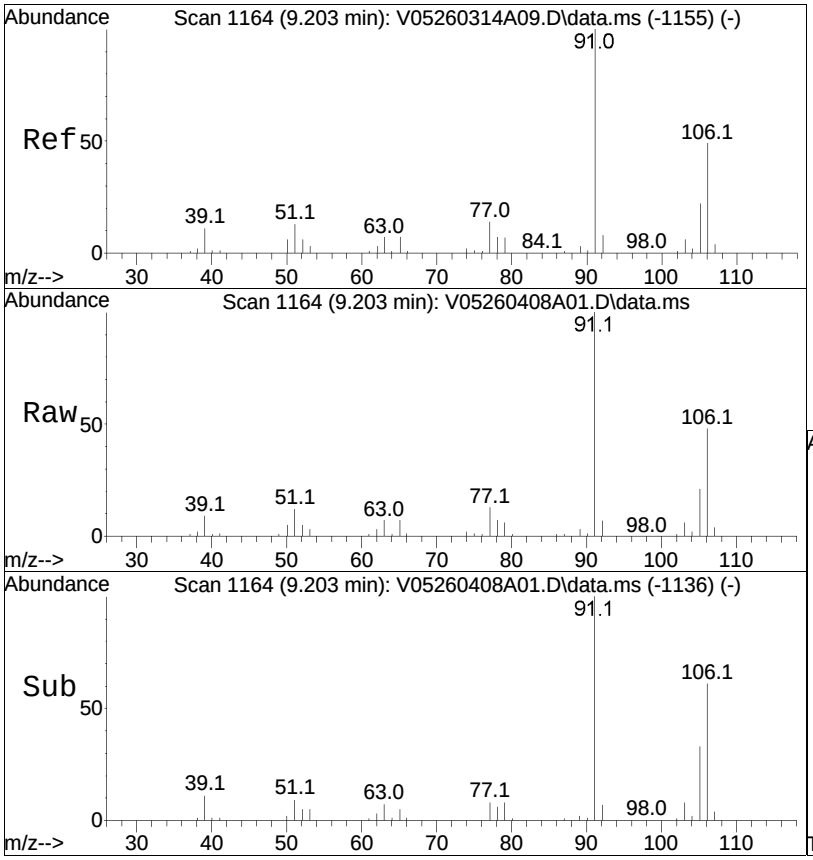


#74
Ethylbenzene
Concen: 9.18 ug/L
RT: 9.020 min Scan# 1138
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 91 Resp: 251961

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.4	36.6

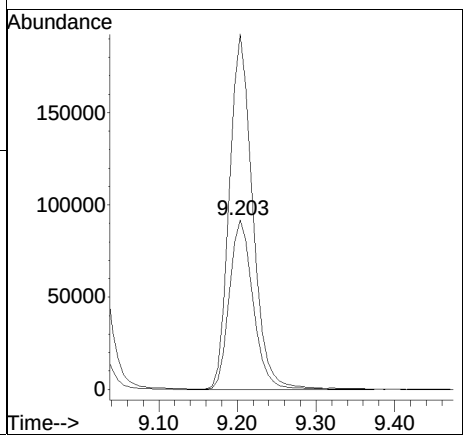


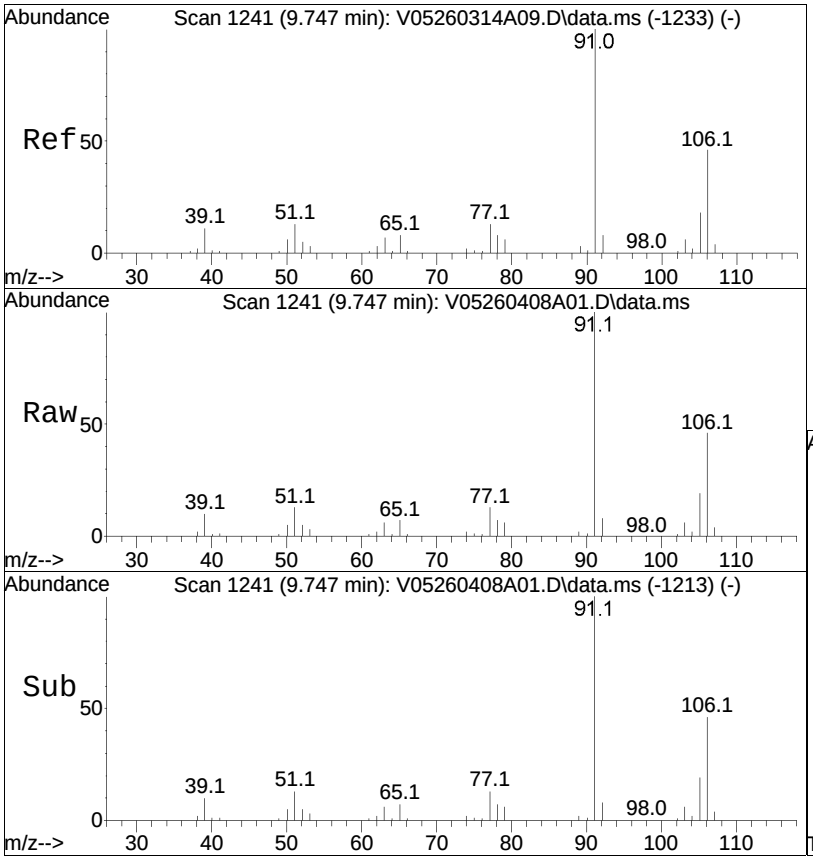


#76
p/m Xylene
Concen: 18.85 ug/L
RT: 9.203 min Scan# 1164
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:106 Resp: 192860

Ion	Ratio	Lower	Upper
106	100		
91	204.0	162.0	243.0

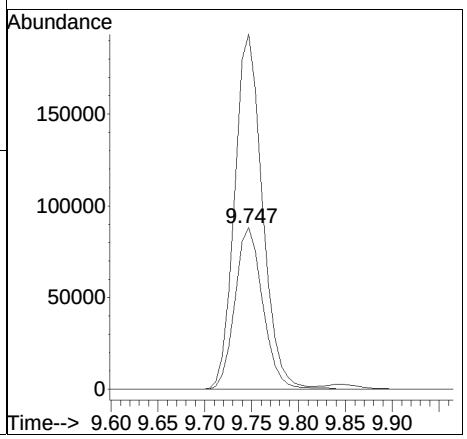


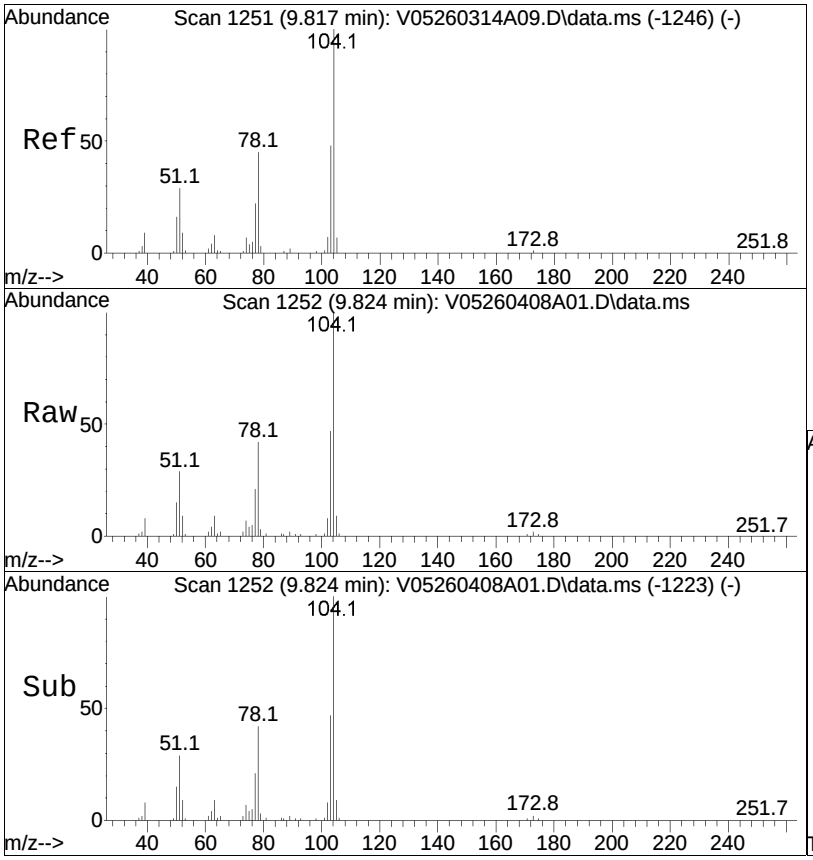


#77
o Xylene
Concen: 18.61 ug/L
RT: 9.747 min Scan# 1241
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:106 Resp: 184086

Ion	Ratio	Lower	Upper
106	100		
91	217.0	172.7	259.1

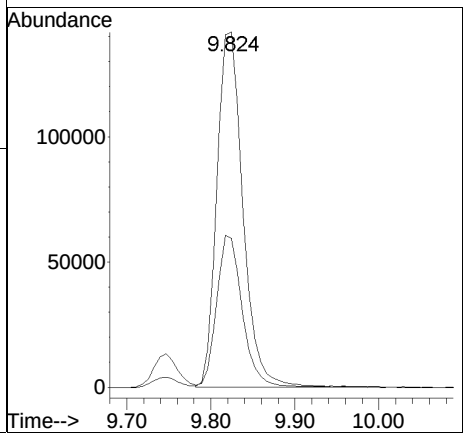


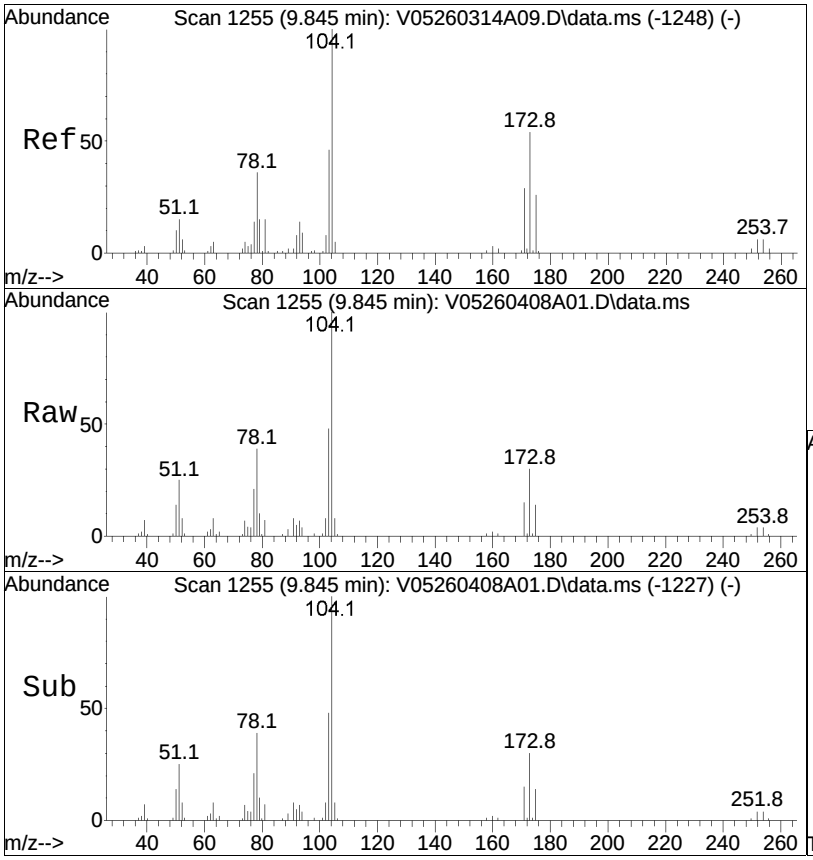


#78
Styrene
Concen: 19.00 ug/L
RT: 9.824 min Scan# 1252
Delta R.T. 0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:104 Resp: 305193

Ion	Ratio	Lower	Upper
104	100		
78	42.1	36.0	54.0

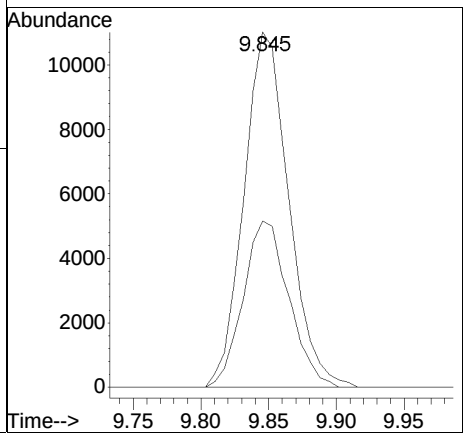


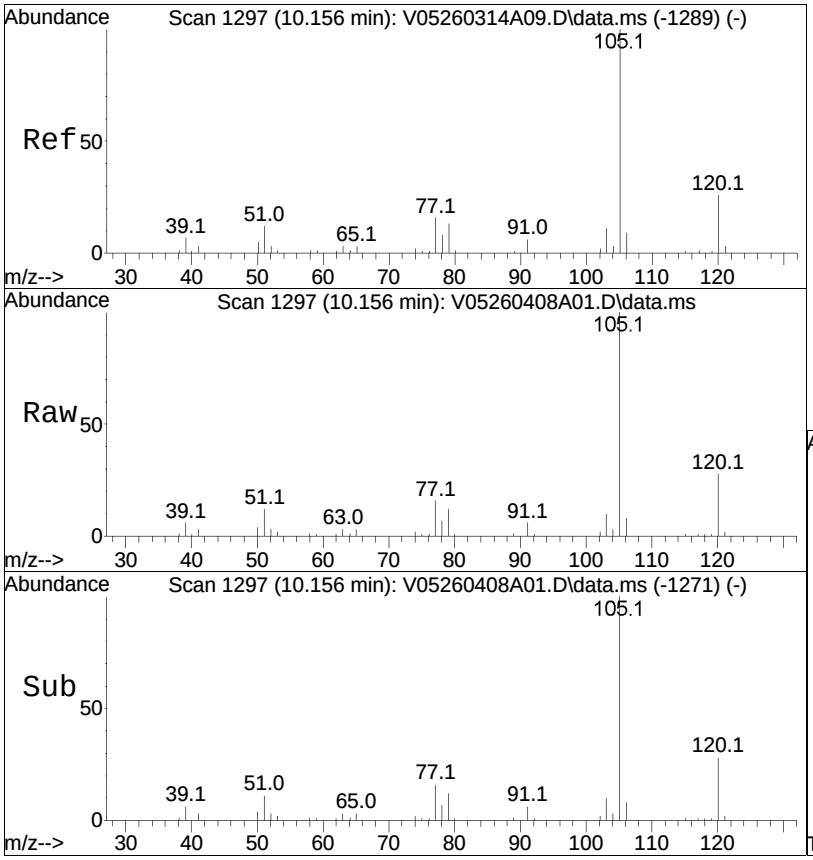


#80
Bromoform
Concen: 7.77 ug/L
RT: 9.845 min Scan# 1255
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:173 Resp: 25399

Ion	Ratio	Lower	Upper
173	100		
175	47.6	29.4	69.4

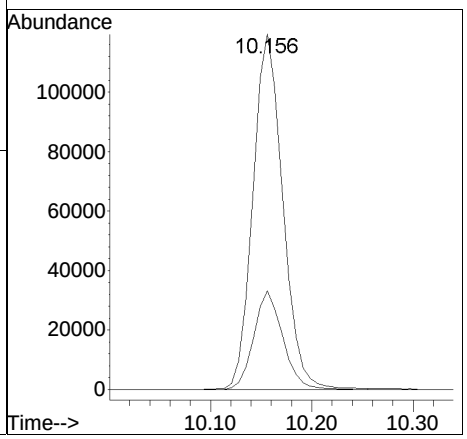


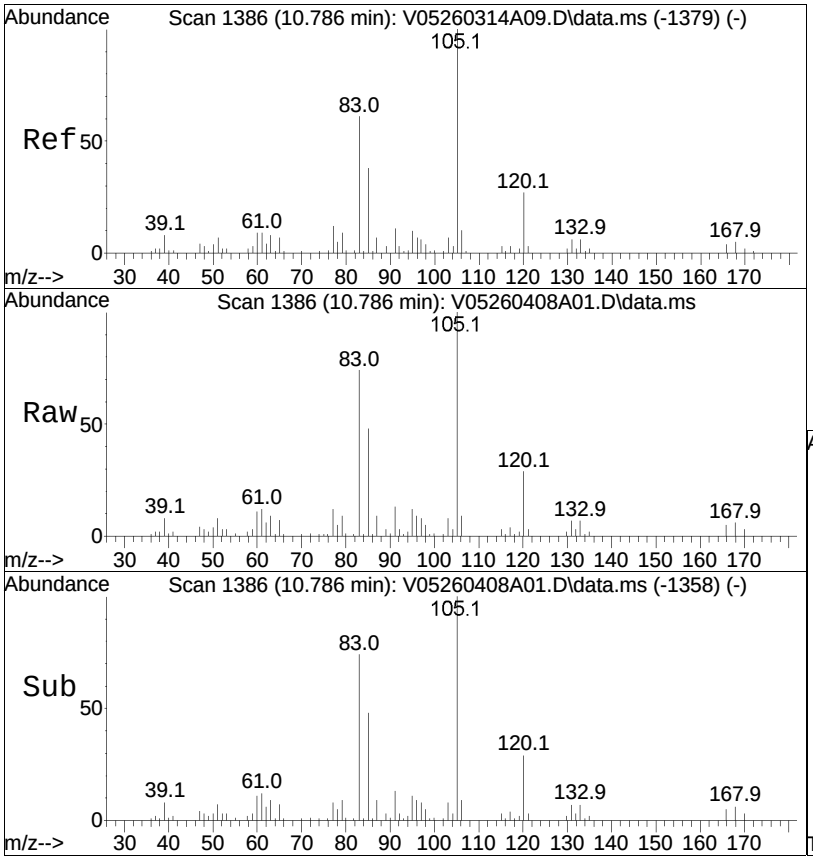


#82
Isopropylbenzene
Concen: 8.10 ug/L
RT: 10.156 min Scan# 1297
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:105 Resp: 266523

Ion	Ratio	Lower	Upper
105	100		
120	27.1	6.7	46.7

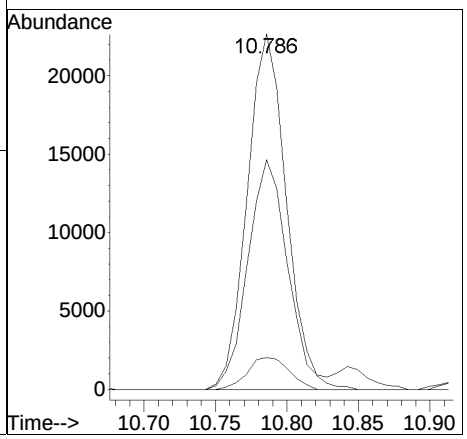


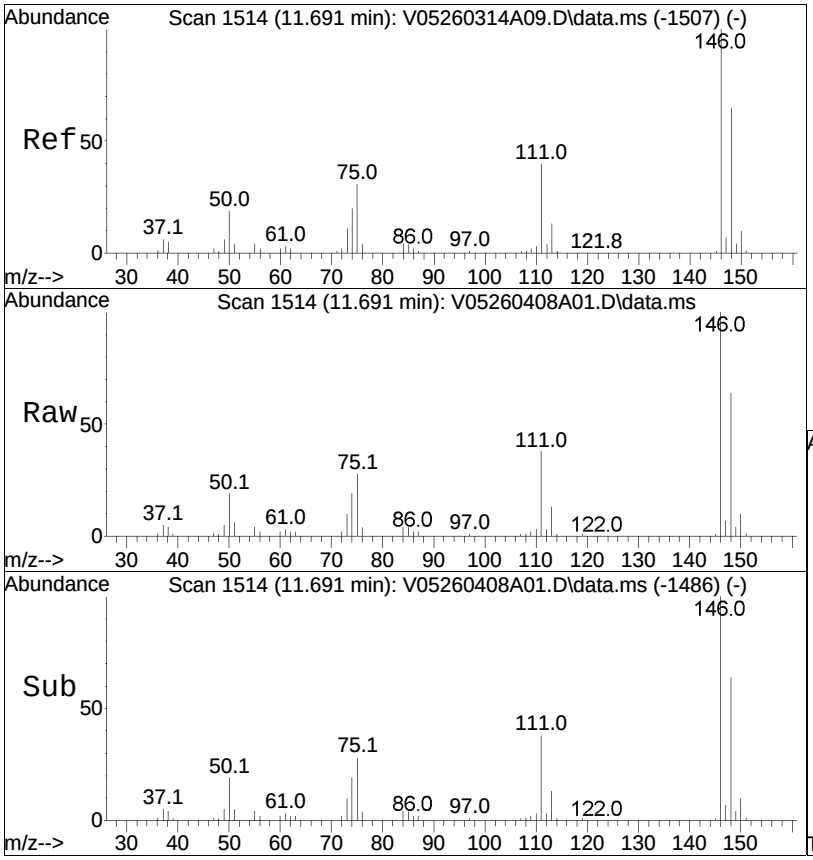


#87
1,1,2,2-Tetrachloroethane
Concen: 8.70 ug/L
RT: 10.786 min Scan# 1386
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion: 83 Resp: 43087

Ion	Ratio	Lower	Upper
83	100		
131	9.6	0.0	29.8
85	66.3	45.1	85.1

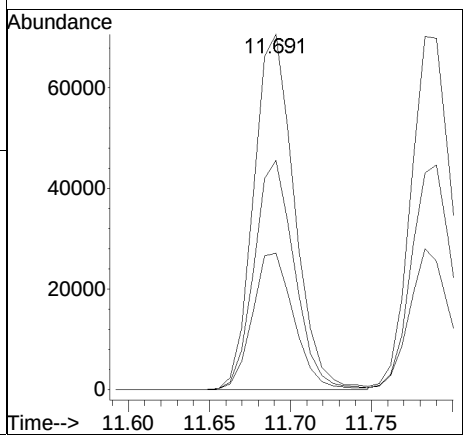


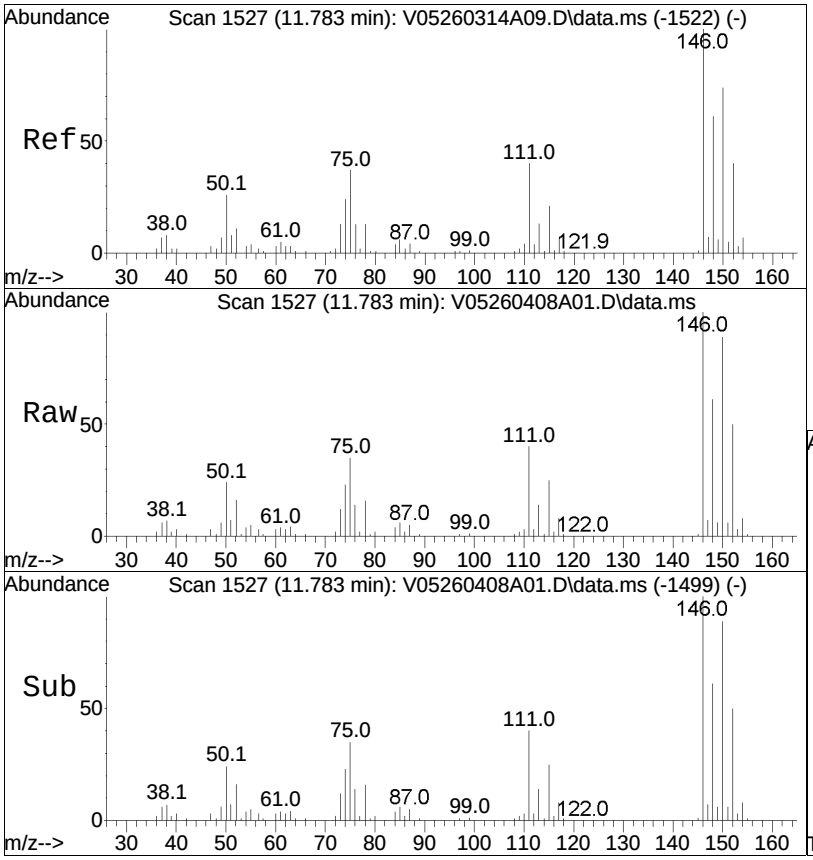


#100
1,3-Dichlorobenzene
Concen: 9.48 ug/L
RT: 11.691 min Scan# 1514
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:146 Resp: 123576

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.5	55.1
148	63.6	41.2	85.6

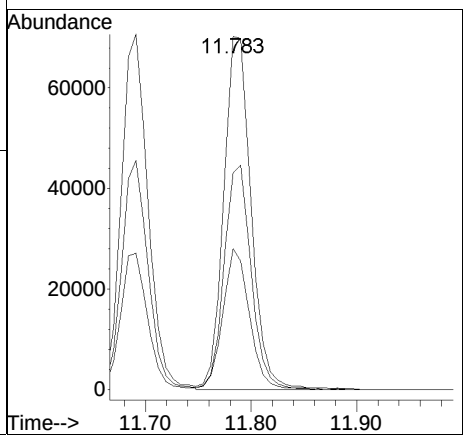


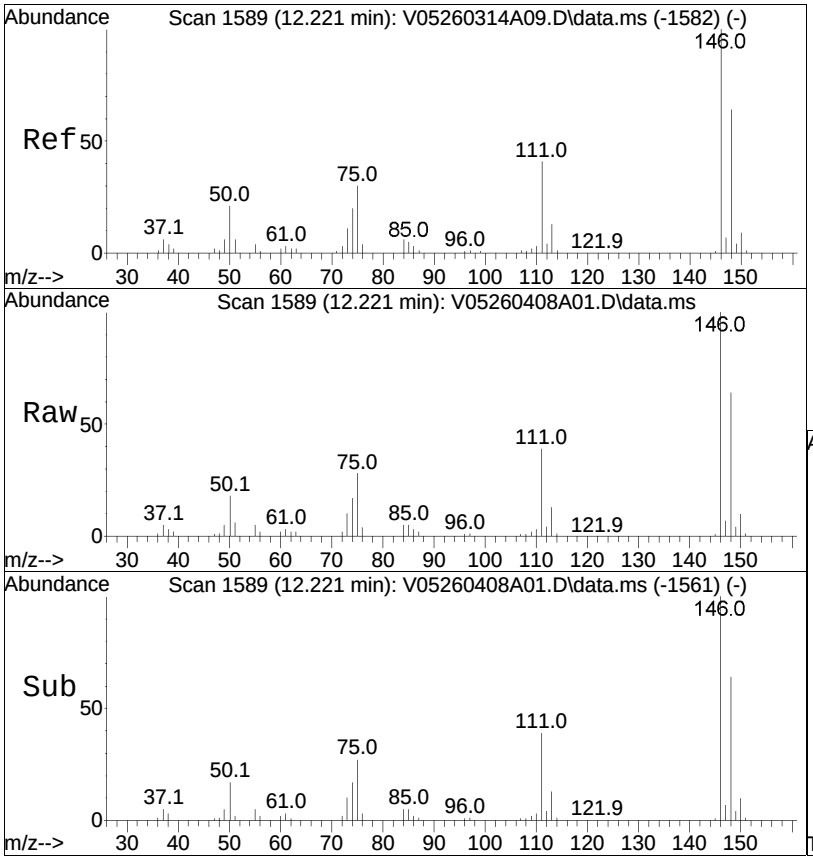


#101
1,4-Dichlorobenzene
Concen: 9.61 ug/L
RT: 11.783 min Scan# 1527
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:146 Resp: 126546

Ion	Ratio	Lower	Upper
146	100		
111	38.7	32.9	49.3
148	62.8	50.6	76.0

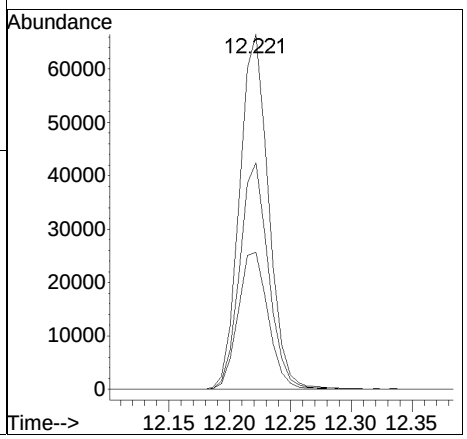


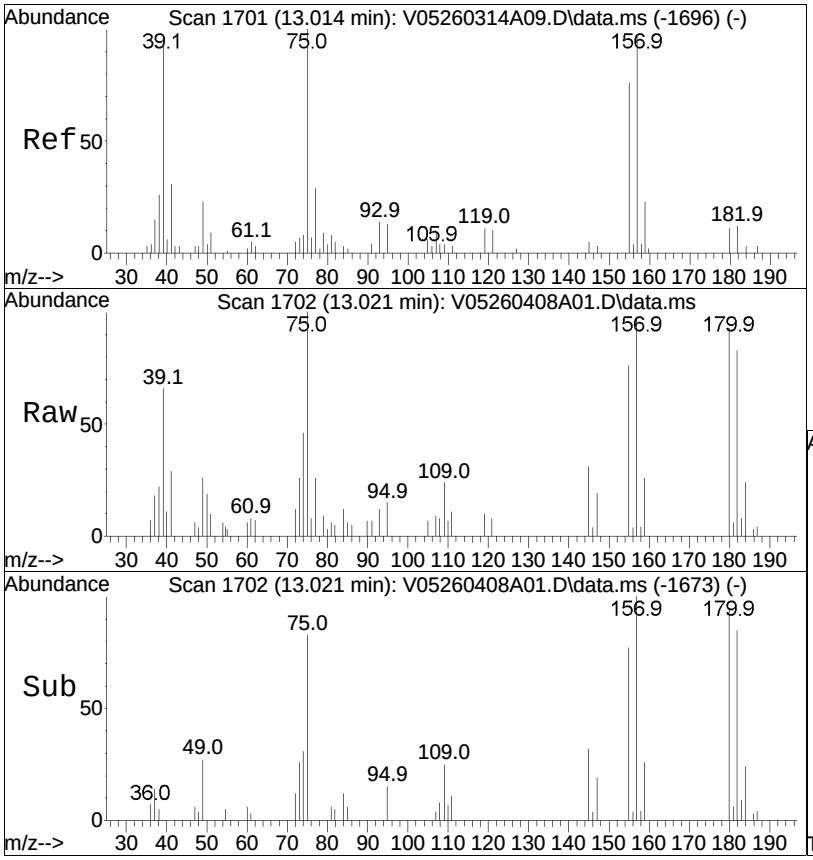


#104
1,2-Dichlorobenzene
Concen: 9.48 ug/L
RT: 12.221 min Scan# 1589
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:146 Resp: 110859

Ion	Ratio	Lower	Upper
146	100		
111	40.1	27.7	57.5
148	63.2	41.2	85.6

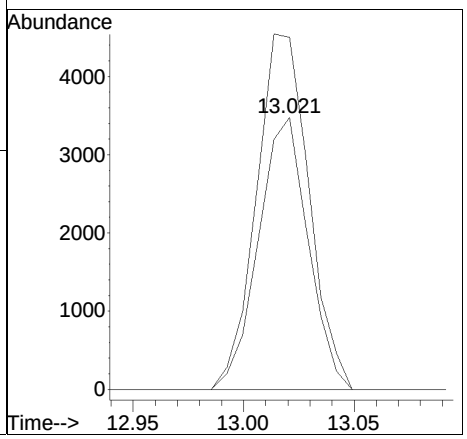


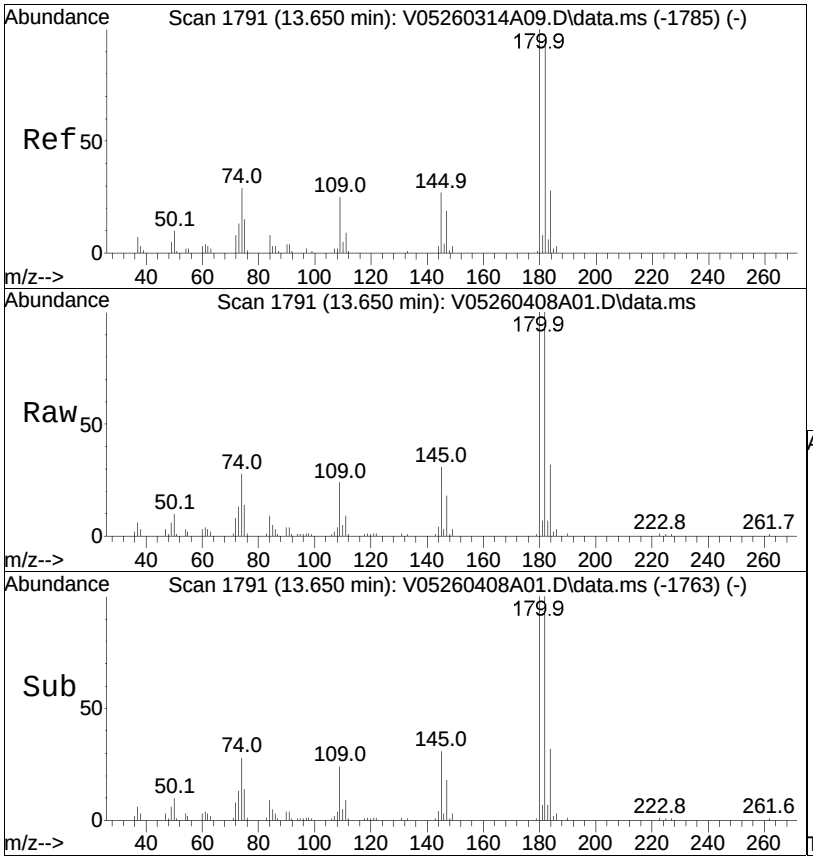


#106
1,2-Dibromo-3-chloropropane
Concen: 7.75 ug/L
RT: 13.021 min Scan# 1702
Delta R.T. 0.007 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:155 Resp: 5436

Ion	Ratio	Lower	Upper
155	100		
157	138.4	103.9	155.9

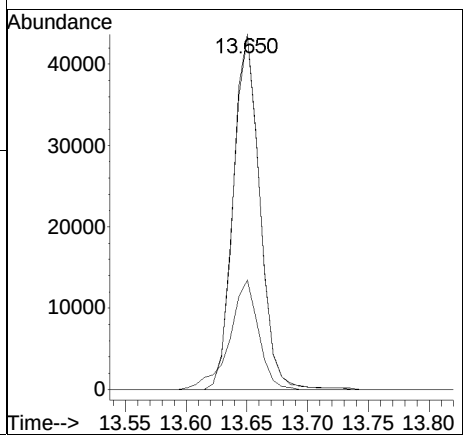


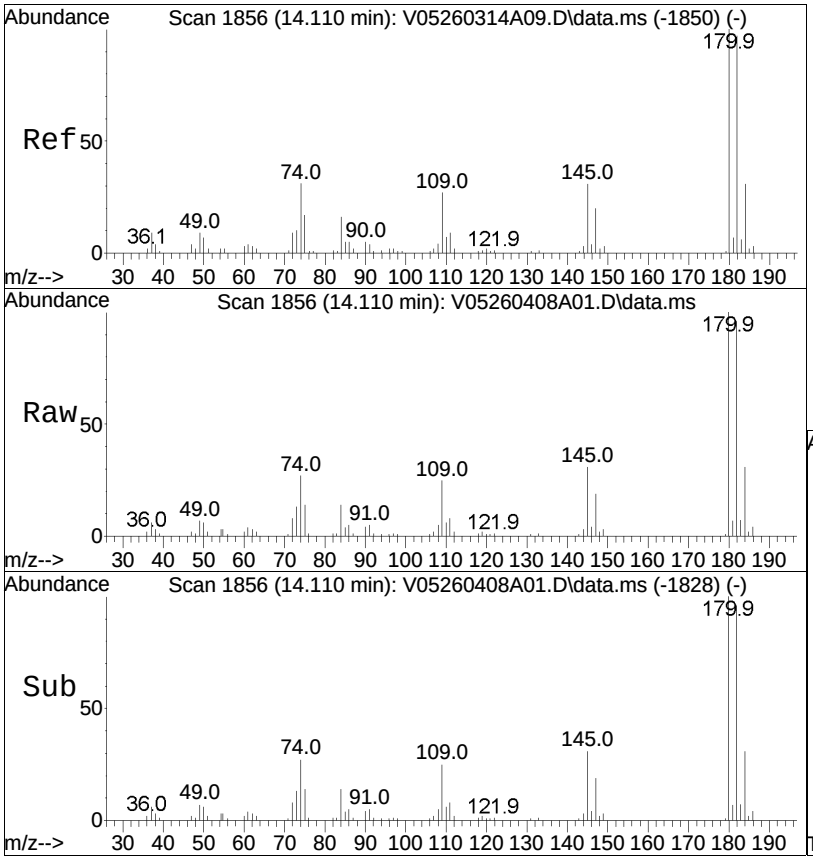


#109
1,2,4-Trichlorobenzene
Concen: 9.33 ug/L
RT: 13.650 min Scan# 1791
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:180 Resp: 66503

Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.1	114.1
145	33.4	26.0	39.0

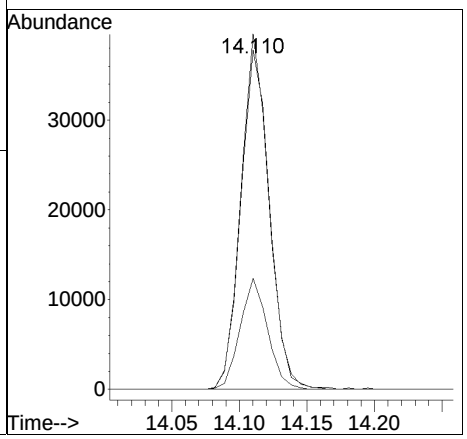




#111
1,2,3-Trichlorobenzene
Concen: 9.89 ug/L
RT: 14.110 min Scan# 1856
Delta R.T. 0.000 min
Lab File: V05260408A01.D
Acq: 8 Apr 2026 9:17 am

Tgt Ion:180 Resp: 56950

Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.0	115.4
145	30.8	24.4	36.6



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A01.D	Operator	: VOA105:PID
Date Inj'd	: 4/8/2026 9:17 am	Instrument	: VOA105
Sample	: WG2196004-3,31,10,10	Quant Date	: 4/8/2026 9:42 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A02.D
Acq On : 8 Apr 2026 9:43 am
Operator : VOA105:PID
Sample : WG2196004-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:05:02 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	217686	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 102.18%			
59) Chlorobenzene-d5	8.964	117	166495	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 101.77%			
79) 1,4-Dichlorobenzene-d4	11.769	152	100652	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 99.05%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.712	113	59706	10.346	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.46%			
43) 1,2-Dichloroethane-d4	5.217	65	72865	10.352	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.52%			
60) Toluene-d8	7.143	98	215100	9.513	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.13%			
83) 4-Bromofluorobenzene	10.510	95	79085	8.275	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 82.75%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	55362	9.863	ug/L	98
3) Chloromethane	1.595	50	59168	8.505	ug/L	100
4) Vinyl chloride	1.643	62	72257	10.536	ug/L	100
5) Bromomethane	1.911	94	22984	6.667	ug/L	97
6) Chloroethane	2.007	64	60402	13.081	ug/L	98
7) Trichlorofluoromethane	2.131	101	79750	9.921	ug/L	99
10) 1,1-Dichloroethene	2.577	96	47941	9.498	ug/L	94
11) Carbon disulfide	2.598	76	167503	10.052	ug/L	99
12) Freon-113	2.604	101	44428	9.407	ug/L	97
15) Methylene chloride	3.099	84	51040	9.261	ug/L	96
17) Acetone	3.167	43	8241	8.917	ug/L	97
18) trans-1,2-Dichloroethene	3.236	96	50143	9.430	ug/L	99
19) Methyl acetate	3.263	43	20366	9.413	ug/L	90
20) Methyl tert-butyl ether	3.332	73	80029	6.651	ug/L #	91
23) 1,1-Dichloroethane	3.785	63	106571	9.899	ug/L	99
28) cis-1,2-Dichloroethene	4.286	96	56341	9.514	ug/L	96
30) Bromochloromethane	4.471	128	24688	10.103	ug/L	98
31) Cyclohexane	4.451	56	94401	8.597	ug/L	92
32) Chloroform	4.540	83	94285	9.495	ug/L	96
34) Carbon tetrachloride	4.650	117	65720	8.376	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A02.D
Acq On : 8 Apr 2026 9:43 am
Operator : VOA105:PID
Sample : WG2196004-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:05:02 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	4.718	97	78348	8.894	ug/L	97
39) 2-Butanone	4.842	43	10274	7.570	ug/L	99
41) Benzene	5.076	78	205219	9.628	ug/L	100
44) 1,2-Dichloroethane	5.288	62	70055	9.731	ug/L	99
47) Methyl cyclohexane	5.633	83	73249	7.872	ug/L	93
48) Trichloroethene	5.662	95	55036	9.131	ug/L	98
51) 1,2-Dichloropropane	6.191	63	57879	10.004	ug/L	98
54) Bromodichloromethane	6.275	83	66006	8.727	ug/L	99
57) 1,4-Dioxane	6.487	88	11712	416.671	ug/L	92
58) cis-1,3-Dichloropropene	6.946	75	72055	8.696	ug/L	89
61) Toluene	7.200	92	128541	9.148	ug/L	99
62) 4-Methyl-2-pentanone	7.644	58	9060	7.221	ug/L	99
63) Tetrachloroethene	7.630	166	54259	9.206	ug/L	98
65) trans-1,3-Dichloropropene	7.694	75	57228	8.131	ug/L	98
68) 1,1,2-Trichloroethane	7.870	83	31287	9.275	ug/L	97
69) Chlorodibromomethane	8.075	129	44014	8.816	ug/L	99
71) 1,2-Dibromoethane	8.343	107	35208	9.162	ug/L	98
72) 2-Hexanone	8.646	43	13884	6.643	ug/L	95
73) Chlorobenzene	8.978	112	145688	9.642	ug/L	97
74) Ethylbenzene	9.020	91	251304	9.001	ug/L	99
76) p/m Xylene	9.204	106	191746	18.412	ug/L	98
77) o Xylene	9.747	106	184646	18.345	ug/L	99
78) Styrene	9.824	104	306352	18.740	ug/L	96
80) Bromoform	9.853	173	26215	8.099	ug/L	98
82) Isopropylbenzene	10.156	105	266096	8.163	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.786	83	44270	9.025	ug/L	100
100) 1,3-Dichlorobenzene	11.691	146	122236	9.464	ug/L	99
101) 1,4-Dichlorobenzene	11.790	146	128020	9.814	ug/L	97
104) 1,2-Dichlorobenzene	12.222	146	110756	9.563	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.014	155	5858	8.430	ug/L	97
109) 1,2,4-Trichlorobenzene	13.650	180	67567	9.570	ug/L	98
111) 1,2,3-Trichlorobenzene	14.110	180	58024	10.174	ug/L	98

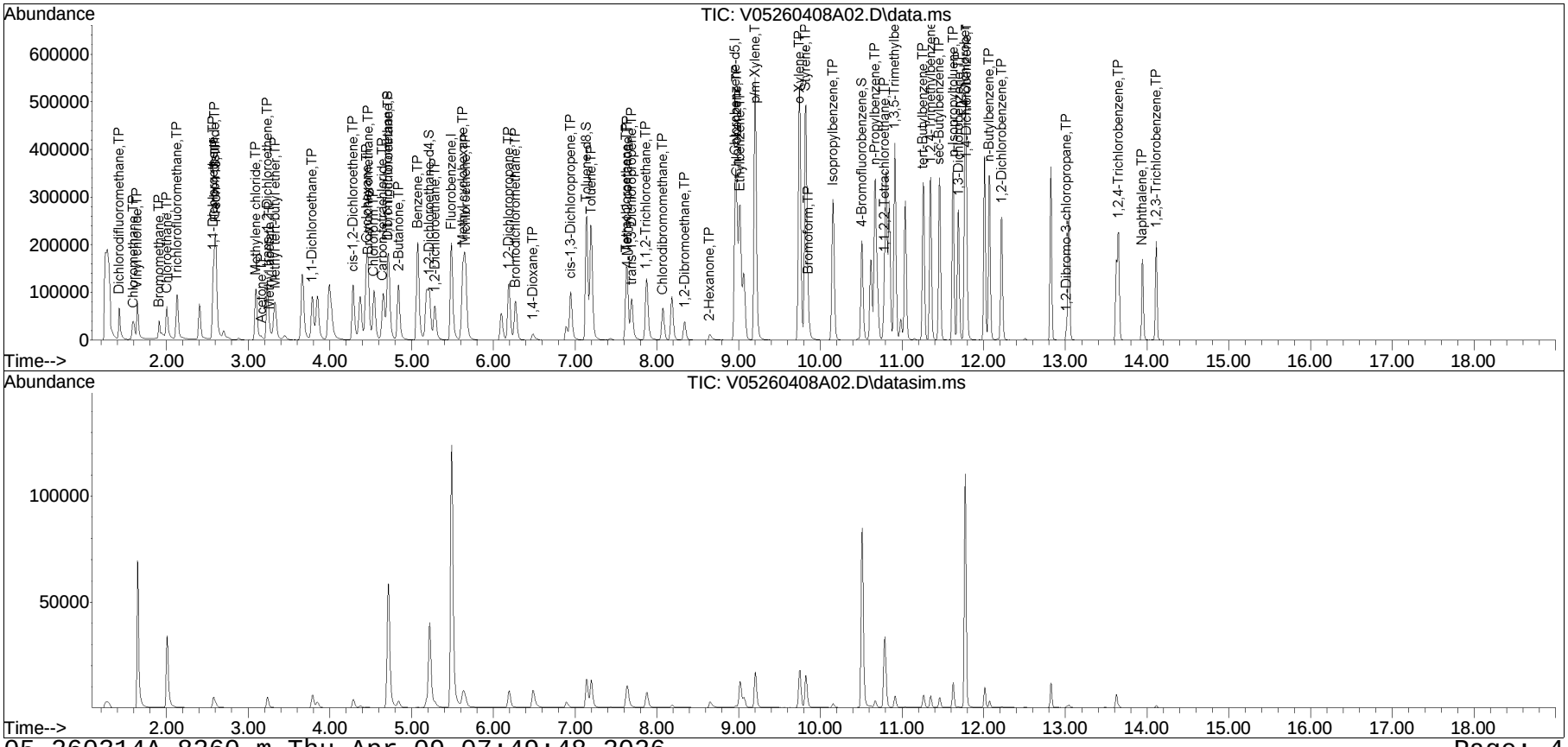
(#) = qualifier out of range (m) = manual integration (+) = signals summed

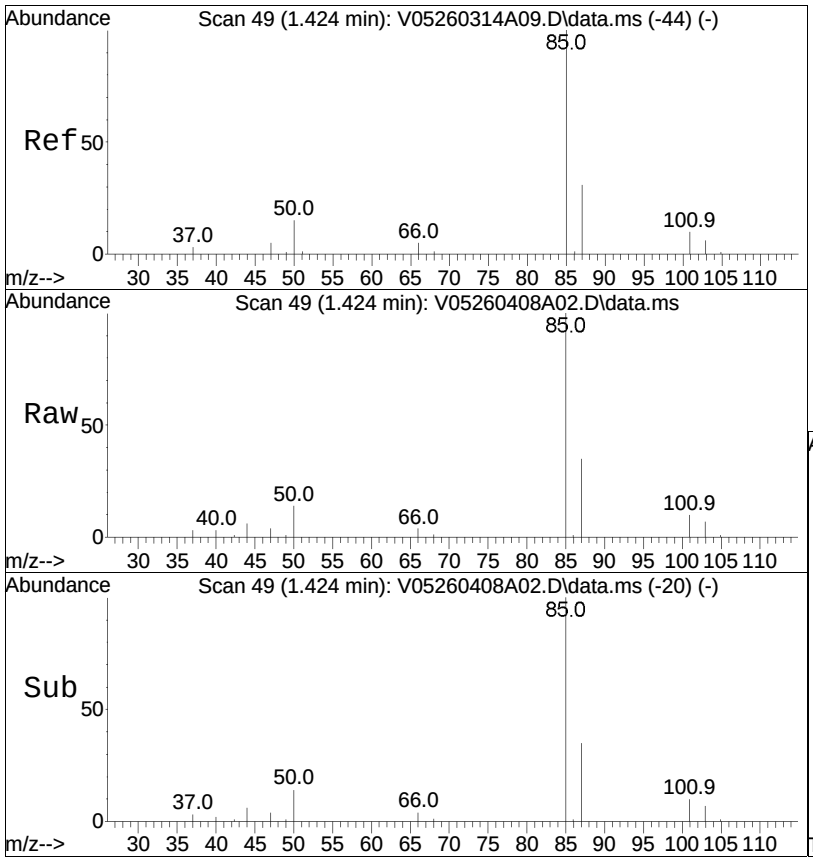
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A02.D
Acq On : 8 Apr 2026 9:43 am
Operator : VOA105:PID
Sample : WG2196004-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 10:05:02 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•

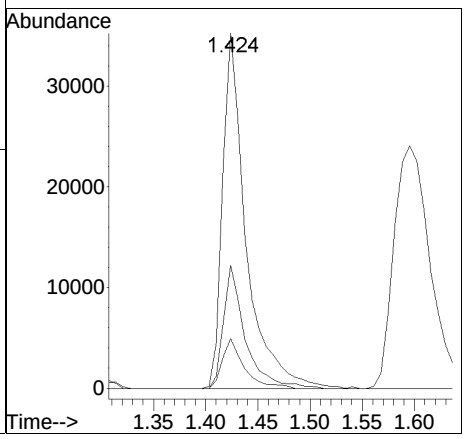


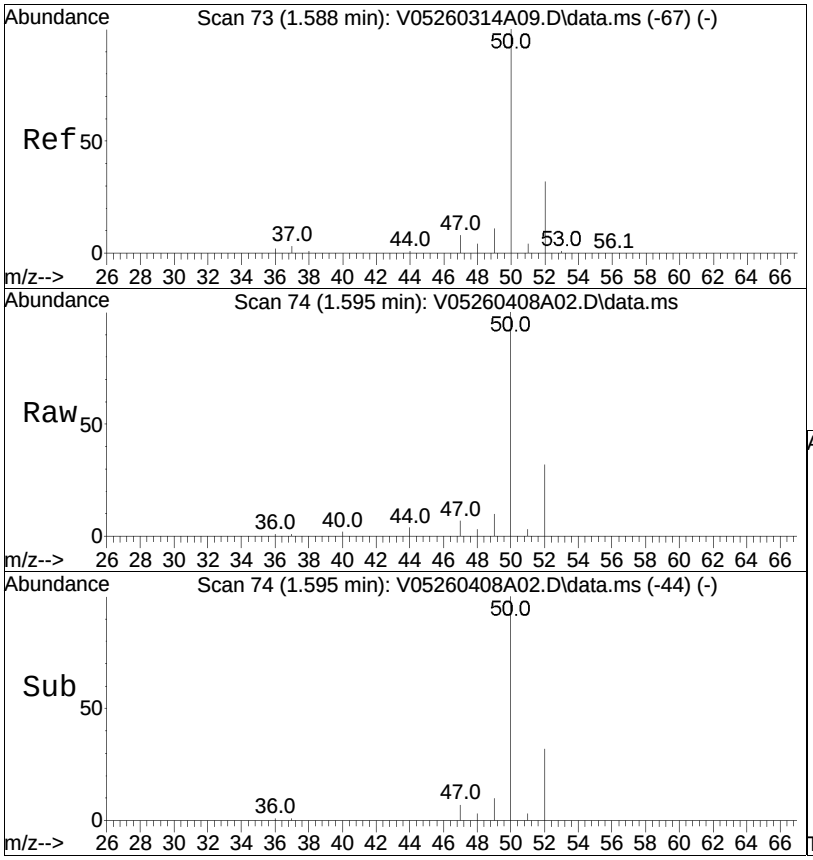


#2
Dichlorodifluoromethane
Concen: 9.86 ug/L
RT: 1.424 min Scan# 49
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 85 Resp: 55362

Ion	Ratio	Lower	Upper
85	100		
87	32.0	20.7	43.1
50	12.9	9.8	20.4

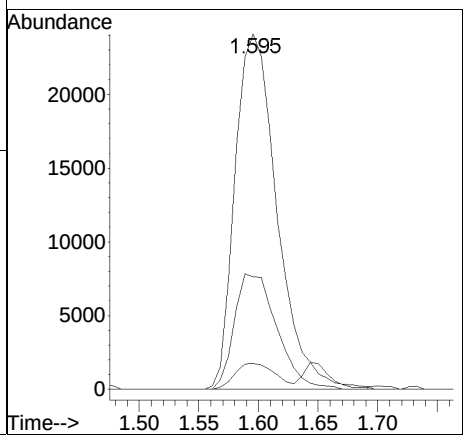


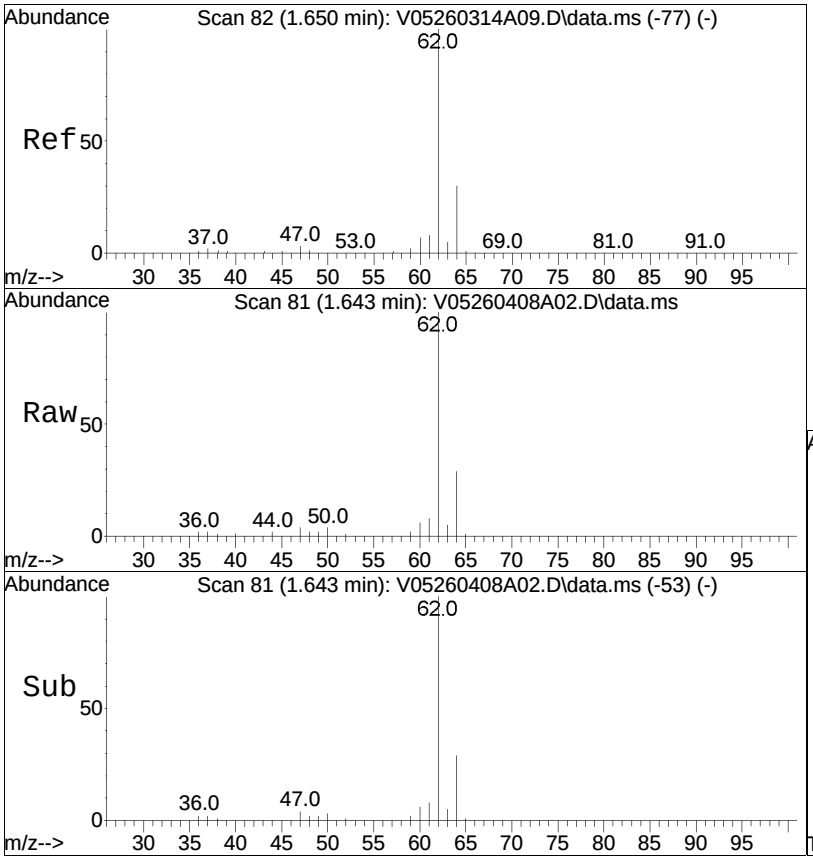


#3
Chloromethane
Concen: 8.50 ug/L
RT: 1.595 min Scan# 74
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 50 Resp: 59168

Ion	Ratio	Lower	Upper
50	100		
52	32.9	12.8	52.8
47	7.2	0.0	27.9

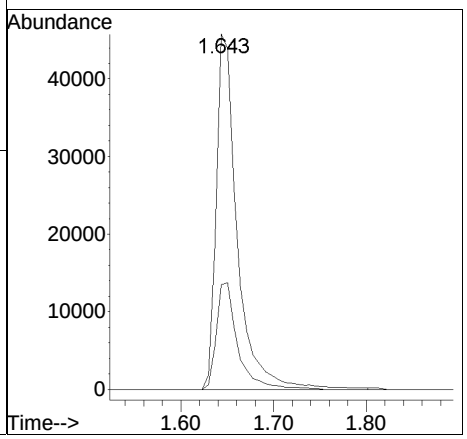


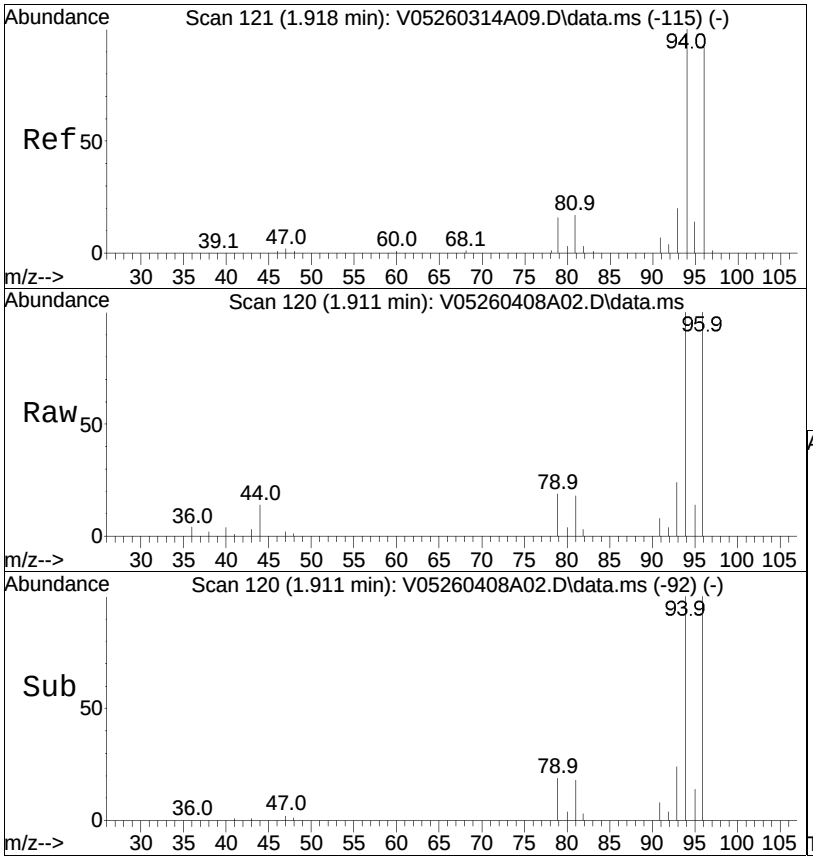


#4
Vinyl chloride
Concen: 10.54 ug/L
RT: 1.643 min Scan# 81
Delta R.T. -0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 62 Resp: 72257

Ion	Ratio	Lower	Upper
62	100		
64	30.4	10.4	50.4

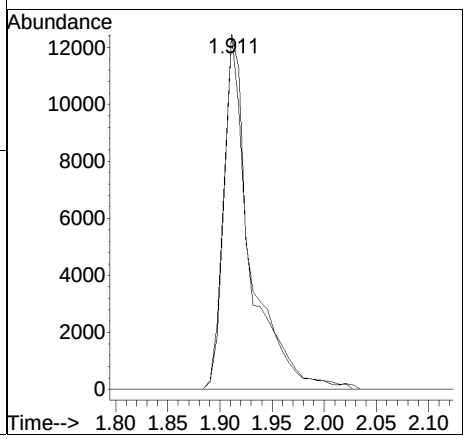


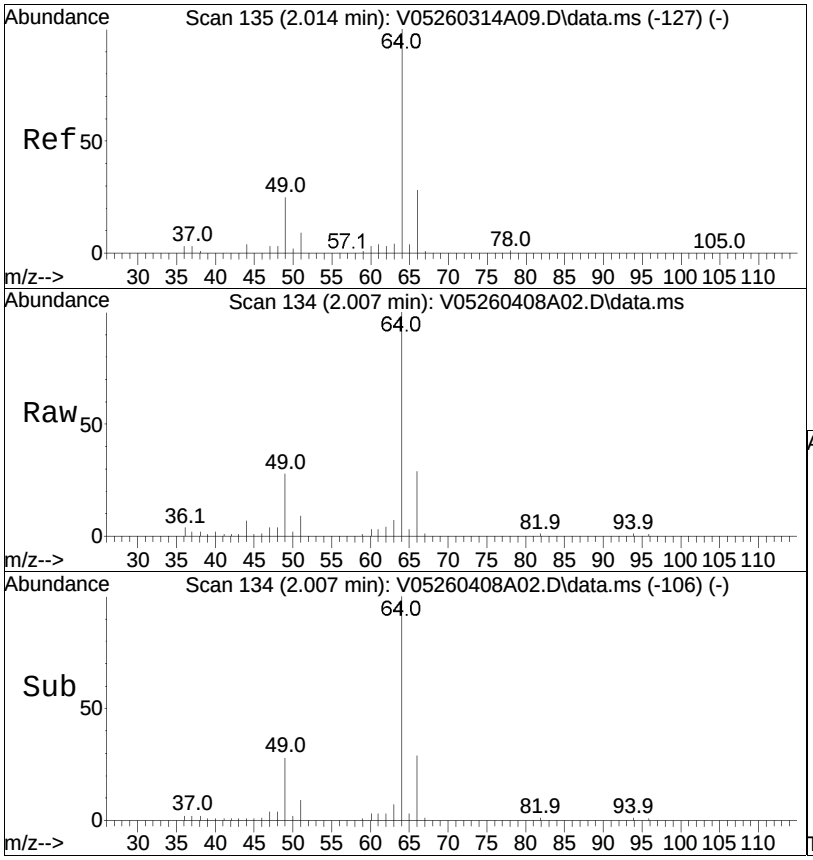


#5
Bromomethane
Concen: 6.67 ug/L
RT: 1.911 min Scan# 120
Delta R.T. -0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 94 Resp: 22984

Ion	Ratio	Lower	Upper
94	100		
96	93.3	70.2	110.2

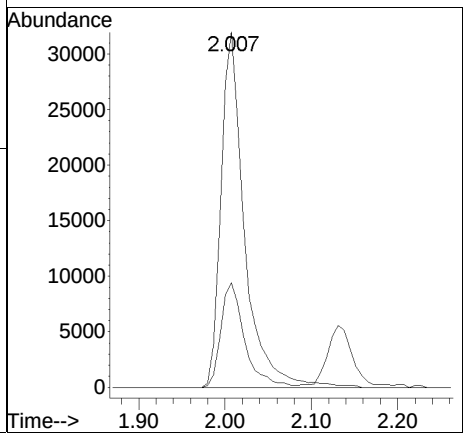


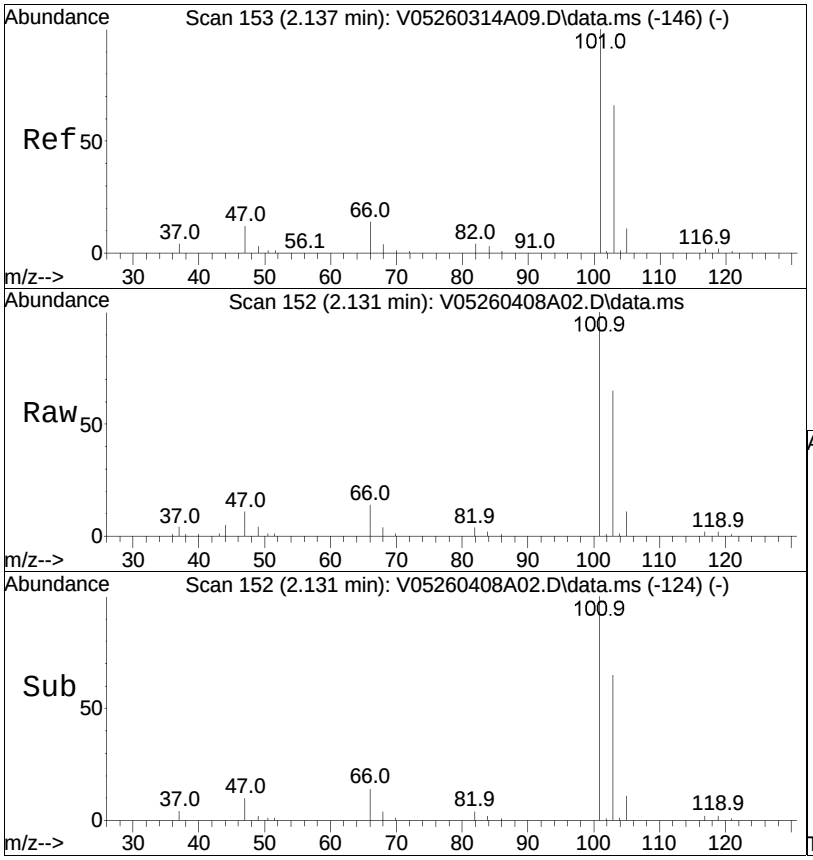


#6
Chloroethane
Concen: 13.08 ug/L
RT: 2.007 min Scan# 134
Delta R.T. -0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 64 Resp: 60402

Ion	Ratio	Lower	Upper
64	100		
66	29.8	11.1	51.1

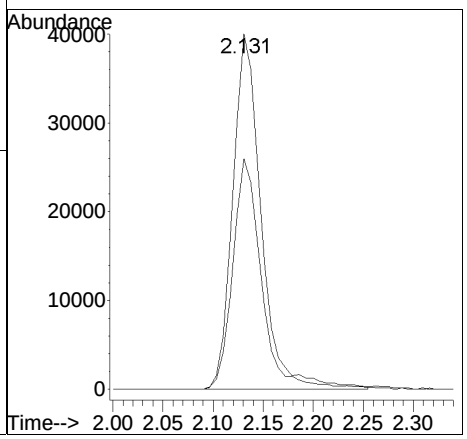


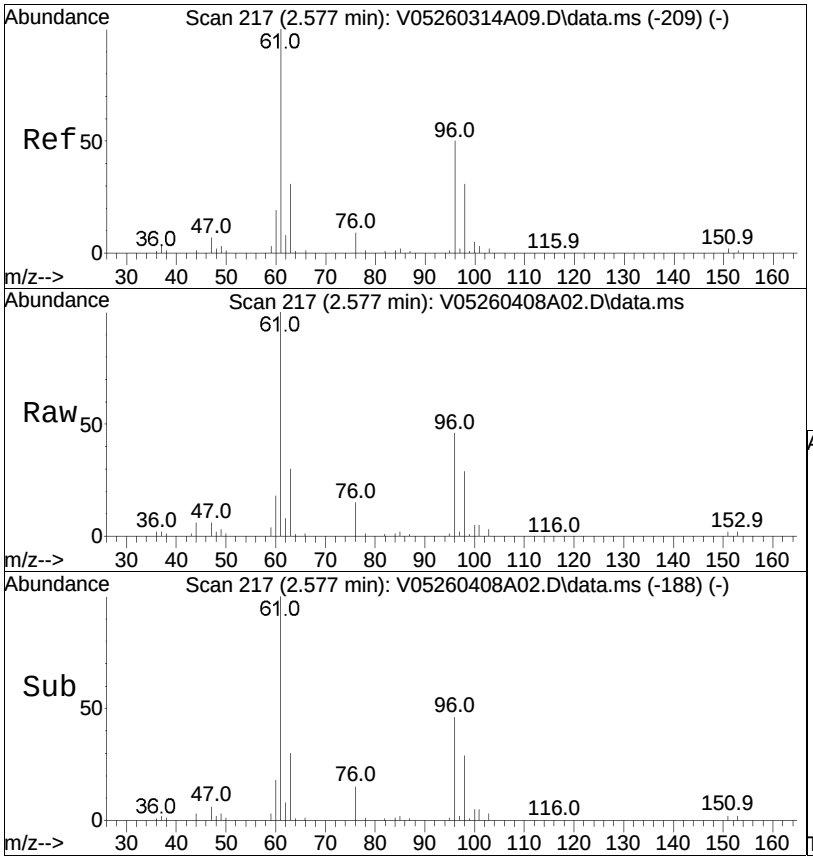


#7
Trichlorofluoromethane
Concen: 9.92 ug/L
RT: 2.131 min Scan# 152
Delta R.T. -0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:101 Resp: 79750

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

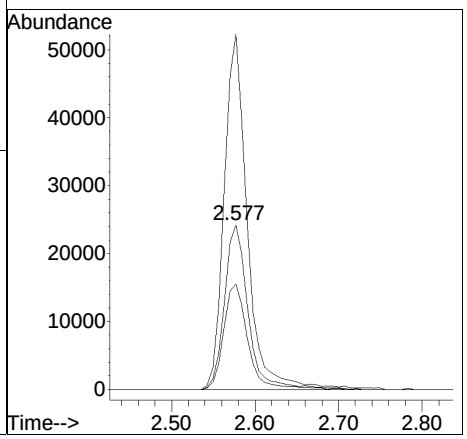


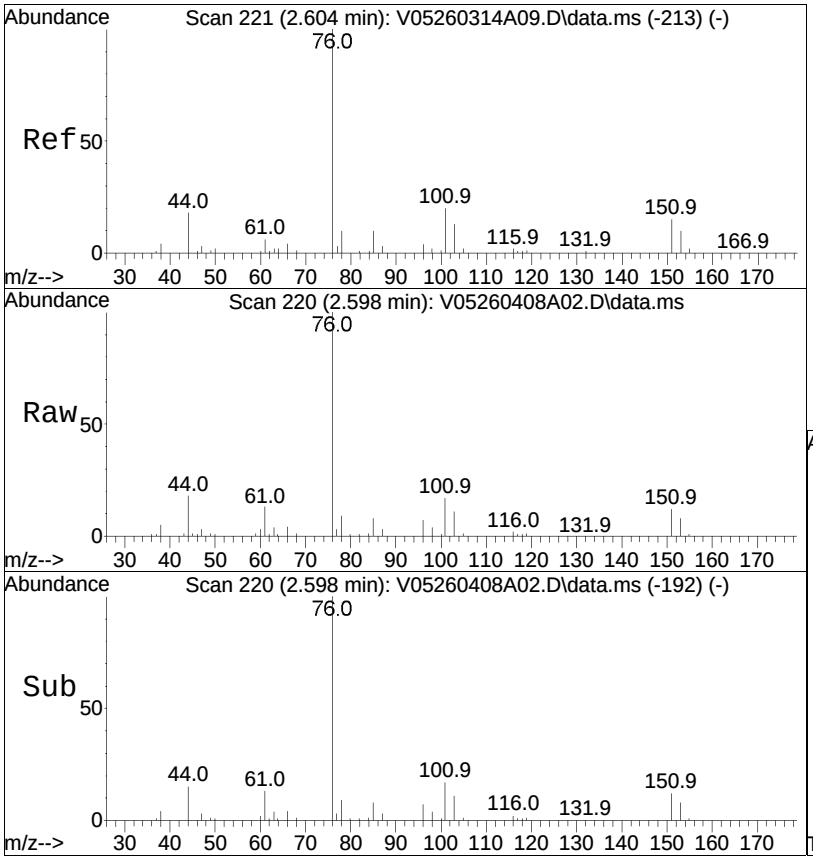


#10
1,1-Dichloroethene
Concen: 9.50 ug/L
RT: 2.577 min Scan# 217
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 96 Resp: 47941

Ion	Ratio	Lower	Upper
96	100		
61	210.1	159.3	238.9
63	64.7	50.3	75.5

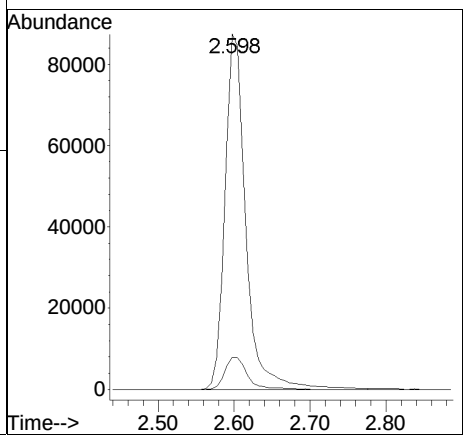


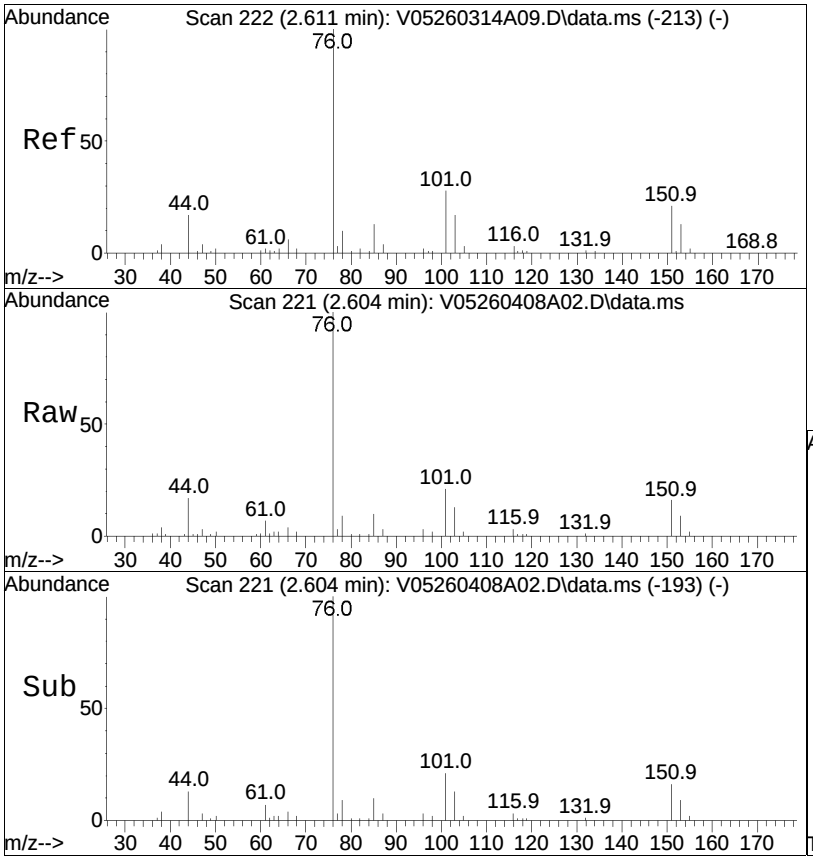


#11
Carbon disulfide
Concen: 10.05 ug/L
RT: 2.598 min Scan# 220
Delta R.T. -0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 76 Resp: 167503

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.6	13.6

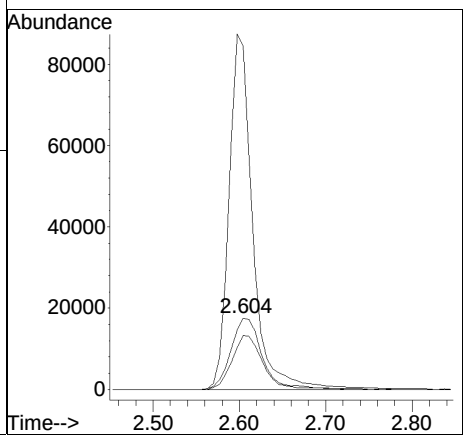


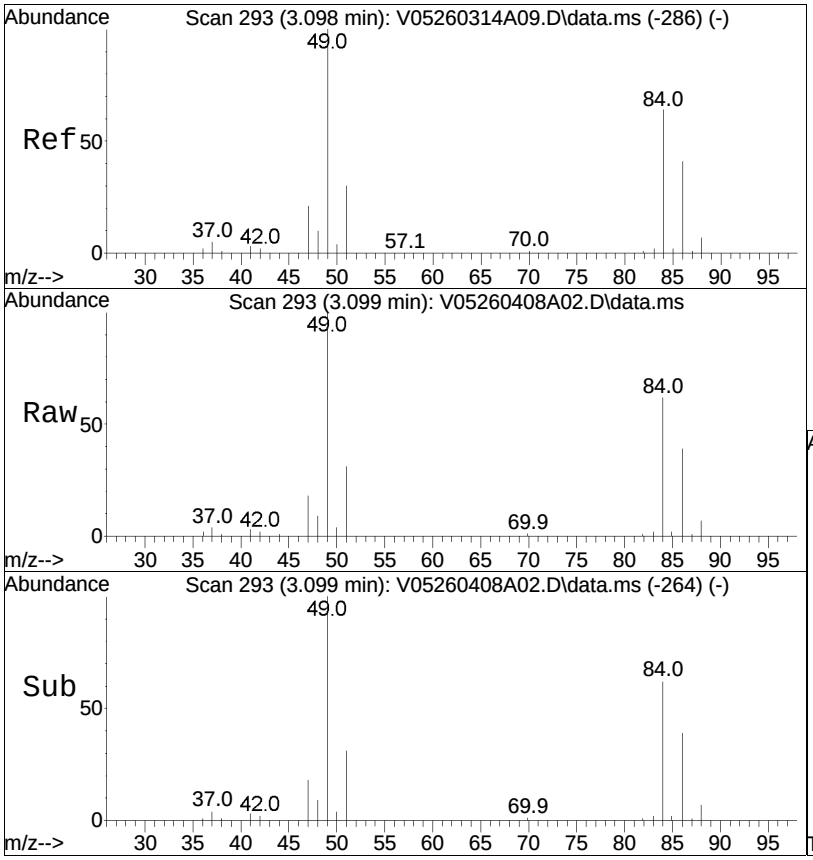


#12
Freon-113
Concen: 9.41 ug/L
RT: 2.604 min Scan# 221
Delta R.T. -0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:101 Resp: 44428

Ion	Ratio	Lower	Upper
101	100		
151	74.2	59.4	89.0
76	377.2	294.9	442.3

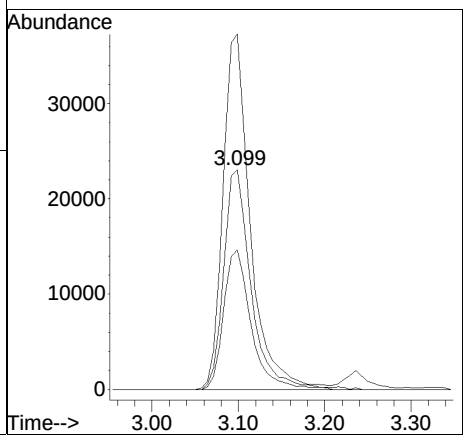


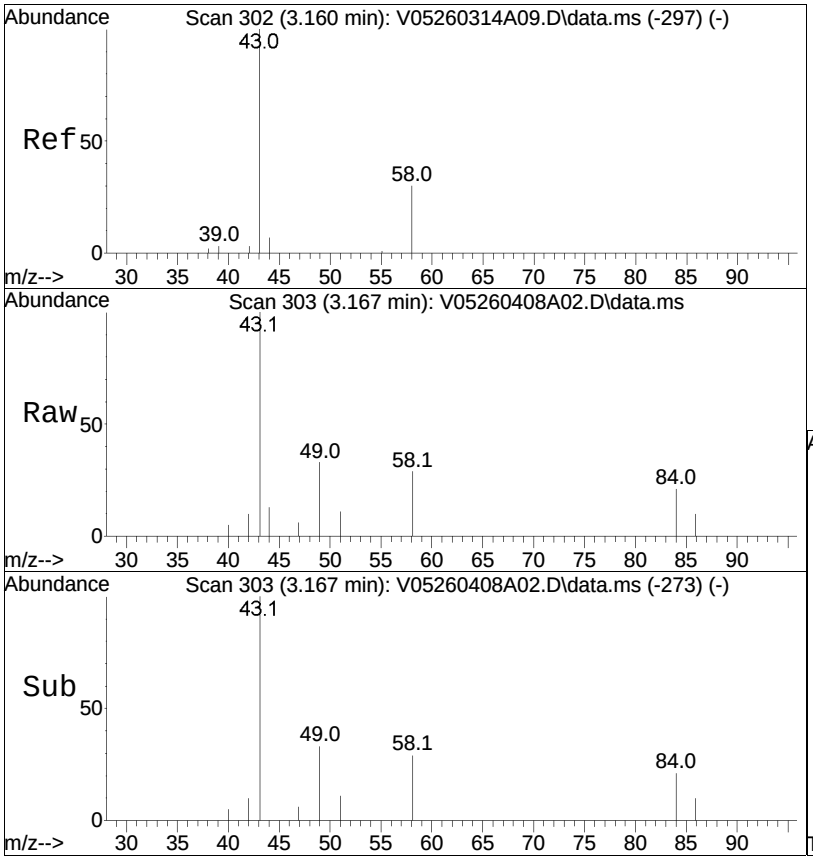


#15
Methylene chloride
Concen: 9.26 ug/L
RT: 3.099 min Scan# 293
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 84 Resp: 51040

Ion	Ratio	Lower	Upper
84	100		
86	63.4	42.0	87.2
49	160.6	100.2	208.2

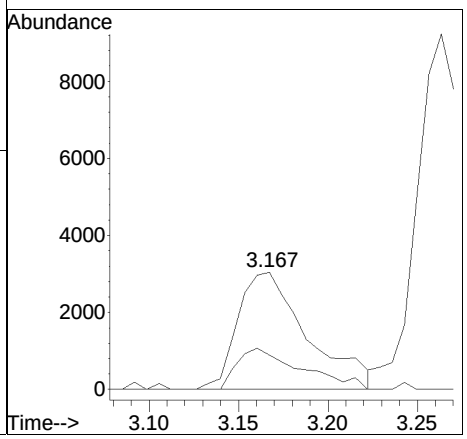


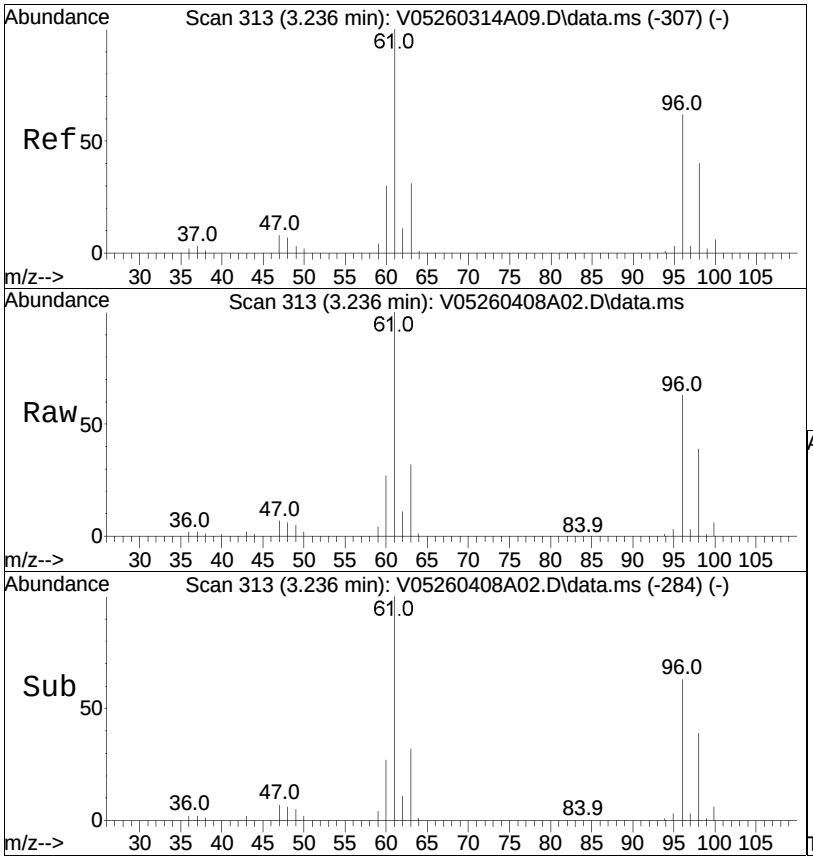


#17
Acetone
Concen: 8.92 ug/L
RT: 3.167 min Scan# 303
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 43 Resp: 8241

Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.7	37.1

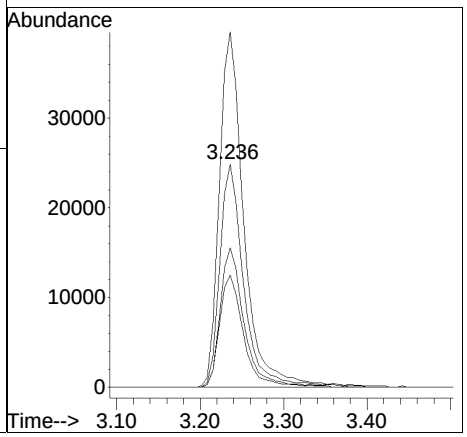


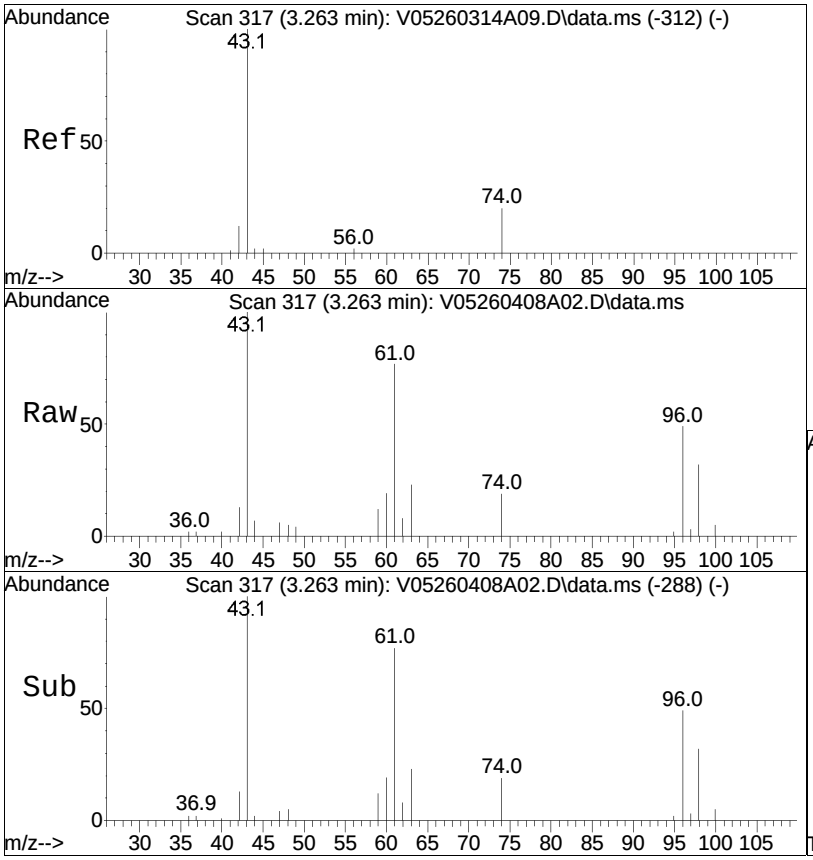


#18
trans-1,2-Dichloroethene
Concen: 9.43 ug/L
RT: 3.236 min Scan# 313
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 96 Resp: 50143

Ion	Ratio	Lower	Upper
96	100		
61	163.2	105.1	218.3
98	62.2	41.5	86.3
63	50.4	33.4	69.4

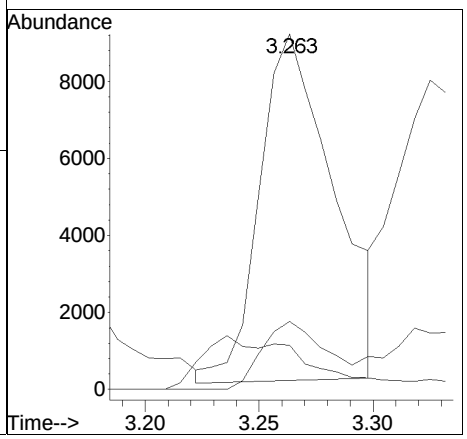


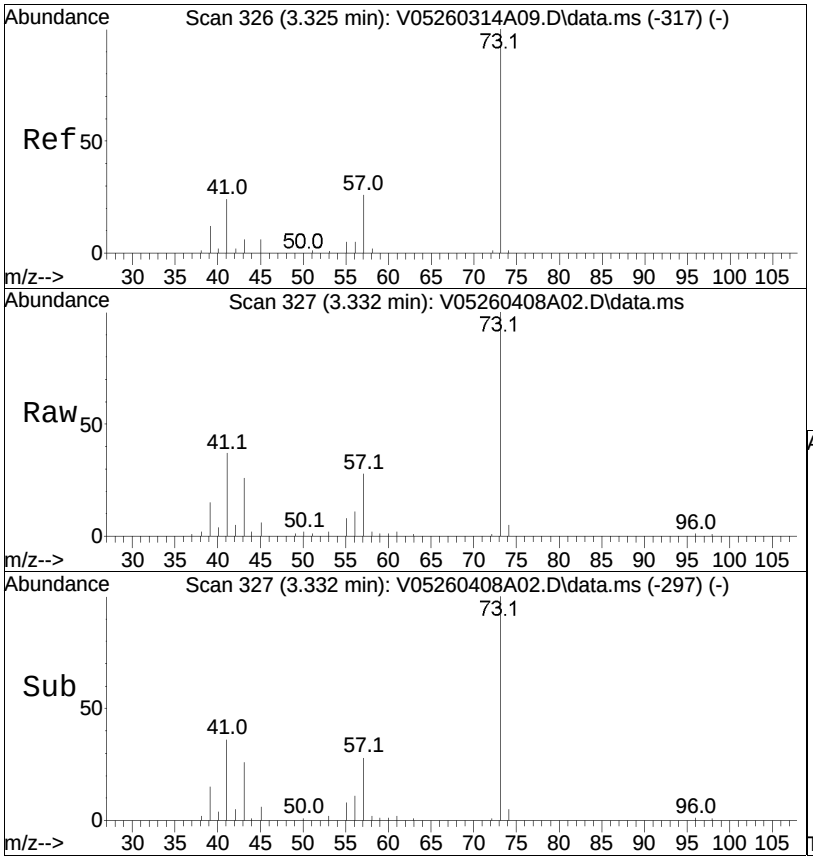


#19
Methyl acetate
Concen: 9.41 ug/L
RT: 3.263 min Scan# 317
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 43 Resp: 20366

Ion	Ratio	Lower	Upper
43	100		
74	17.2	17.1	25.7
59	22.0	21.7	32.5

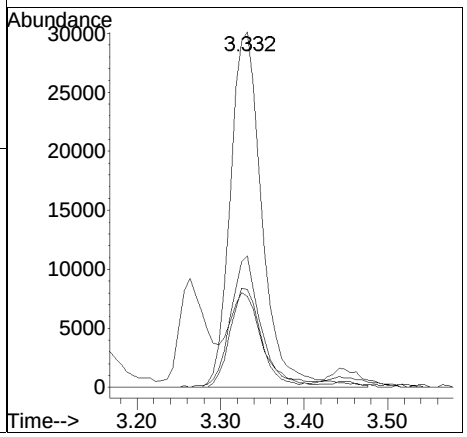


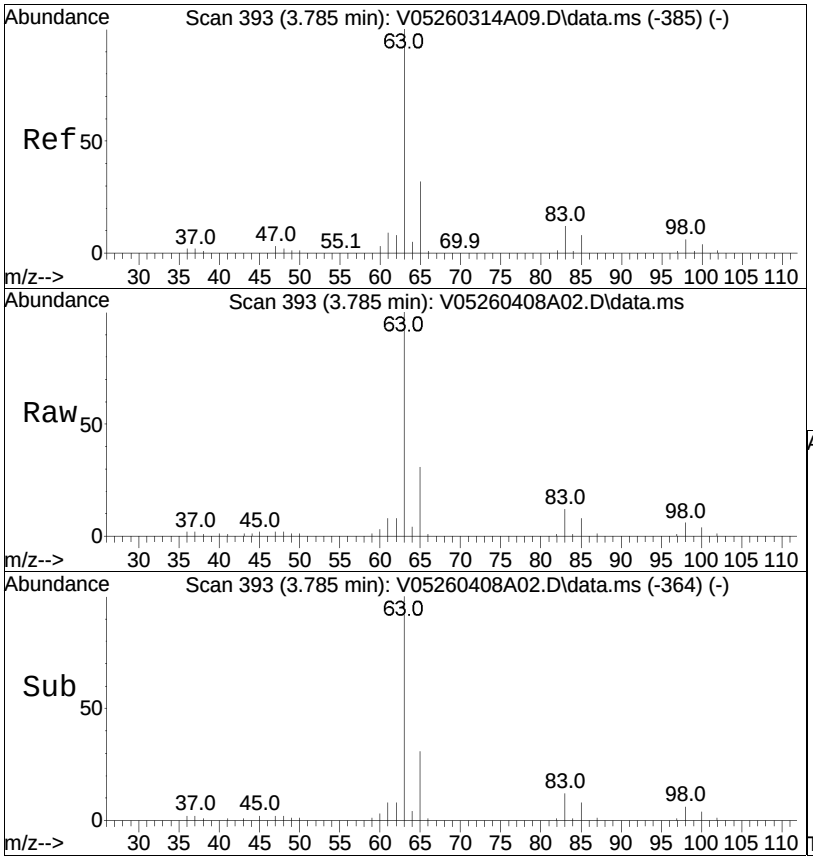


#20
Methyl tert-butyl ether
Concen: 6.65 ug/L
RT: 3.332 min Scan# 327
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 73 Resp: 80029

Ion	Ratio	Lower	Upper
73	100		
57	27.3	16.3	33.8
43	26.1	18.3	37.9
41	34.9	16.1	33.5#

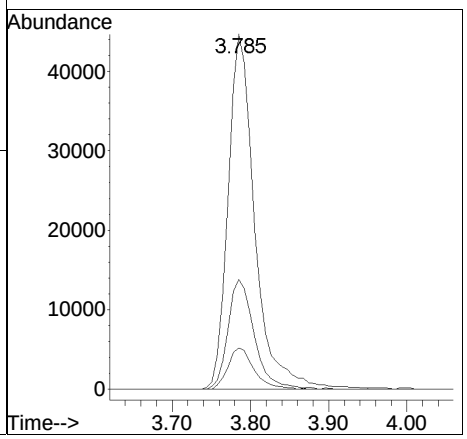


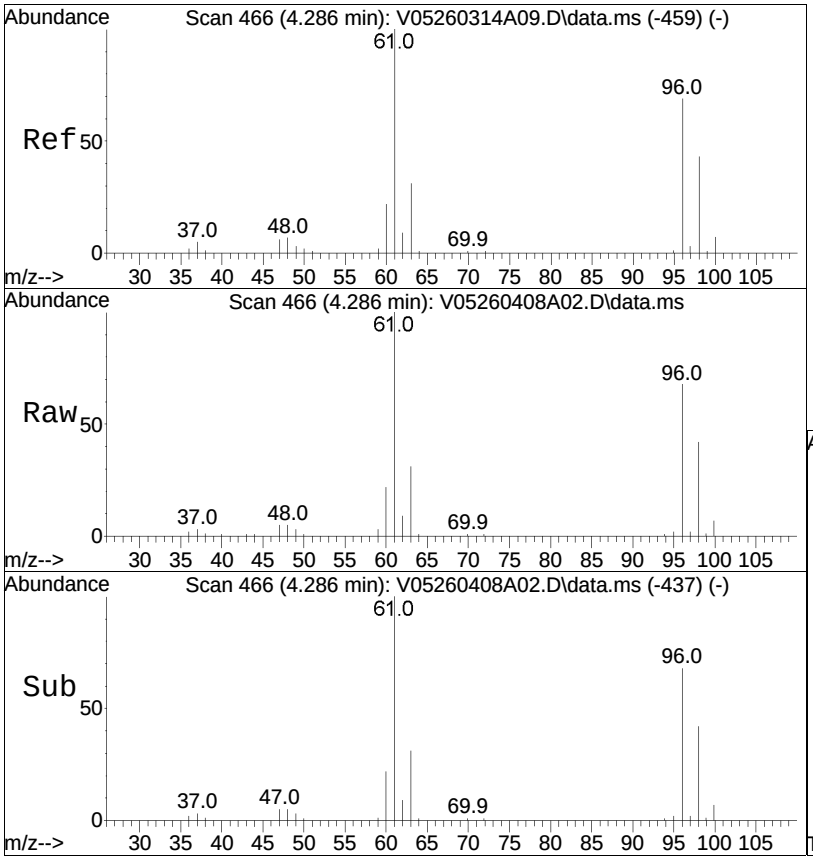


#23
1,1-Dichloroethane
Concen: 9.90 ug/L
RT: 3.785 min Scan# 393
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 63 Resp: 106571

Ion	Ratio	Lower	Upper
63	100		
65	30.4	10.6	50.6
83	11.5	0.0	32.4

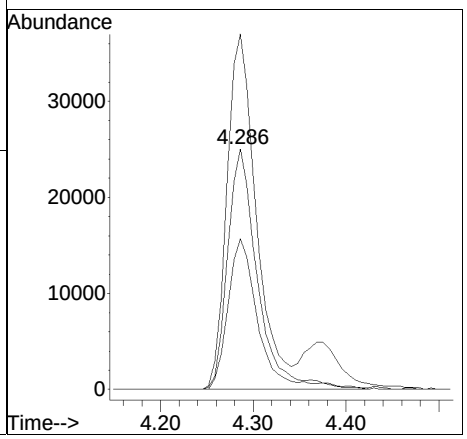


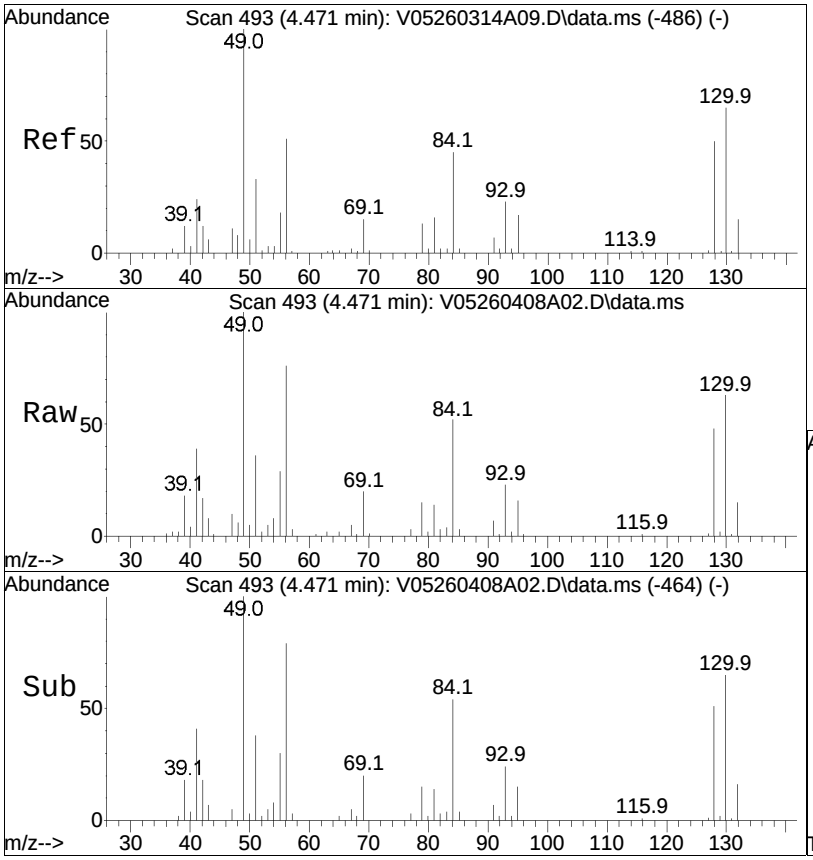


#28
cis-1,2-Dichloroethene
Concen: 9.51 ug/L
RT: 4.286 min Scan# 466
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 96 Resp: 56341

Ion	Ratio	Lower	Upper
96	100		
61	144.0	111.9	167.9
98	63.7	48.4	72.6

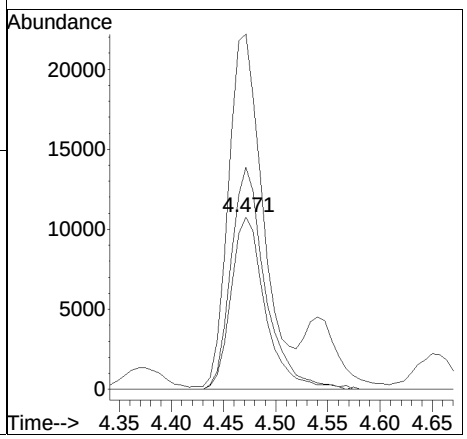


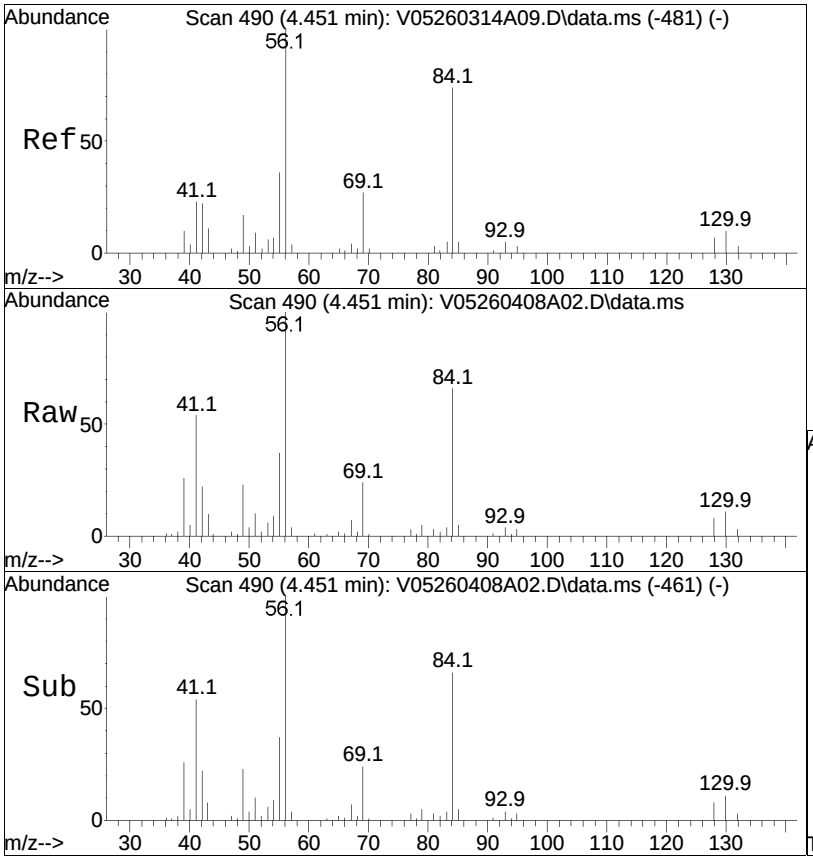


#30
Bromochloromethane
Concen: 10.10 ug/L
RT: 4.471 min Scan# 493
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:128 Resp: 24688

Ion	Ratio	Lower	Upper
128	100		
49	206.1	160.8	241.2
130	128.7	102.7	154.1

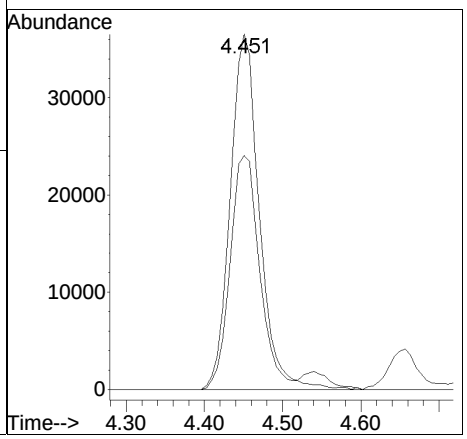


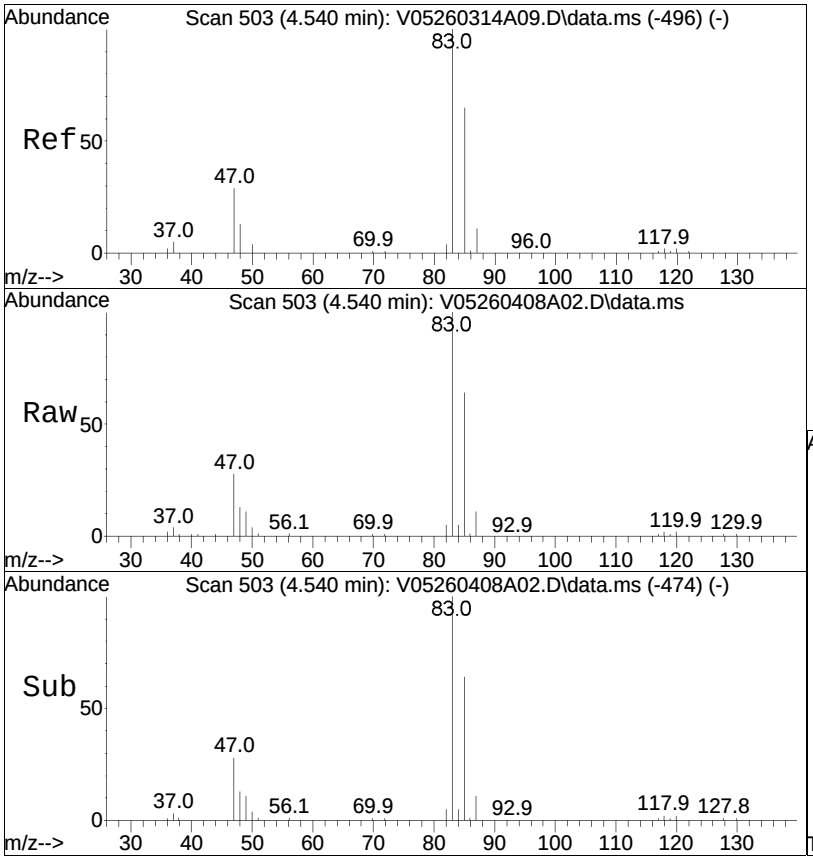


#31
Cyclohexane
Concen: 8.60 ug/L
RT: 4.451 min Scan# 490
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 56 Resp: 94401

Ion	Ratio	Lower	Upper
56	100		
84	66.8	47.6	99.0

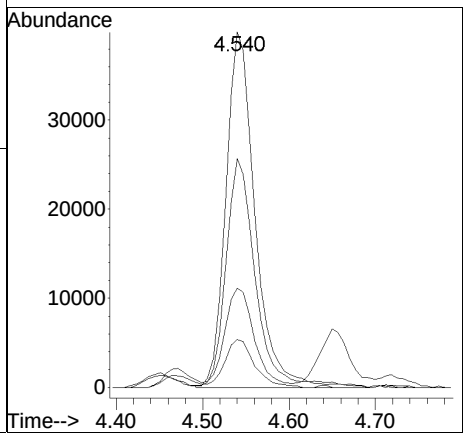


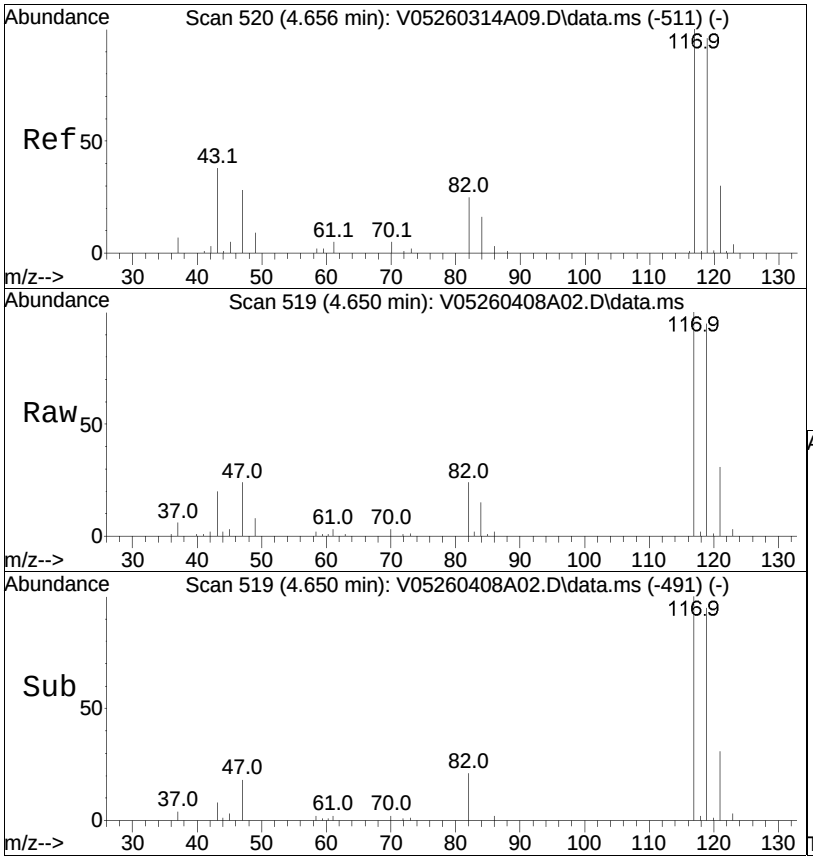


#32
Chloroform
Concen: 9.49 ug/L
RT: 4.540 min Scan# 503
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 83 Resp: 94285

Ion	Ratio	Lower	Upper
83	100		
85	62.1	41.9	87.1
47	26.1	18.5	38.5
48	13.7	10.0	20.8

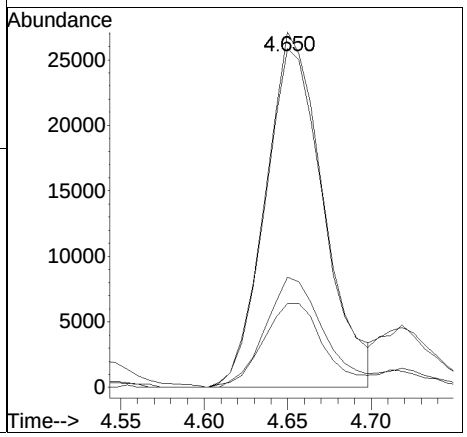


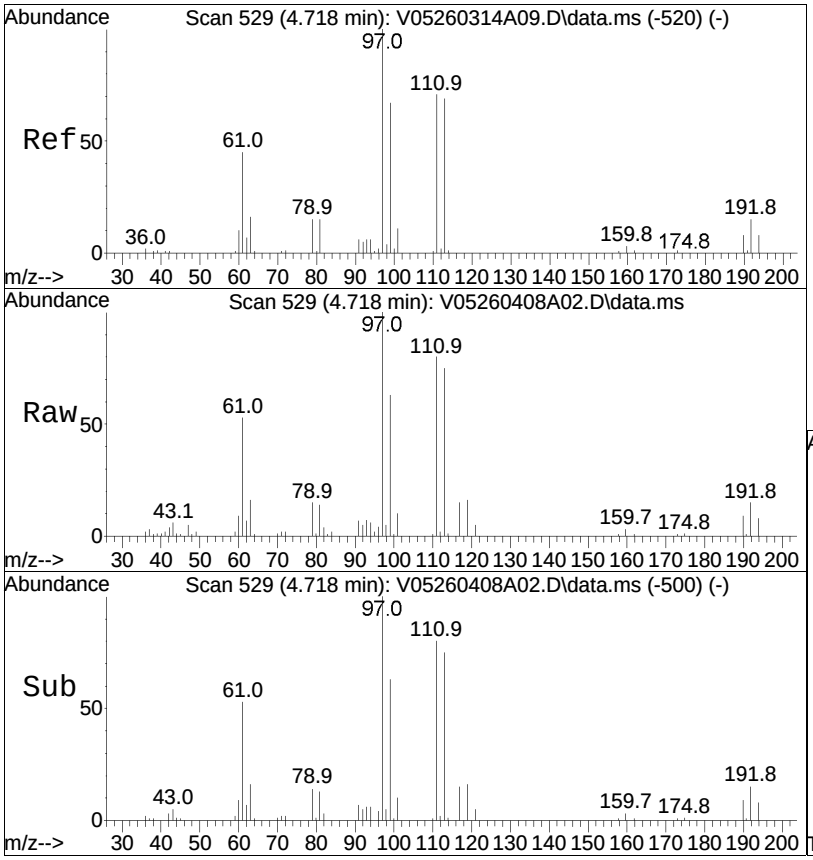


#34
Carbon tetrachloride
Concen: 8.38 ug/L
RT: 4.650 min Scan# 519
Delta R.T. -0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:117 Resp: 65720

Ion	Ratio	Lower	Upper
117	100		
119	96.5	64.0	133.0
121	31.0	19.9	41.3
82	24.8	16.9	35.1

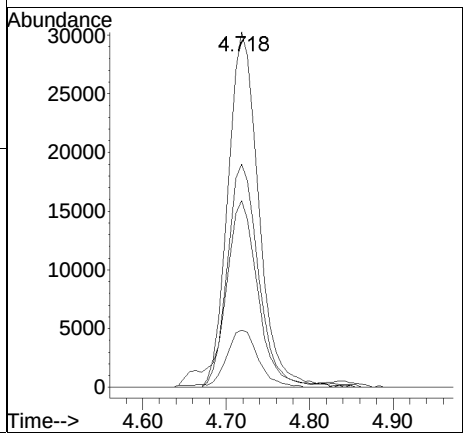


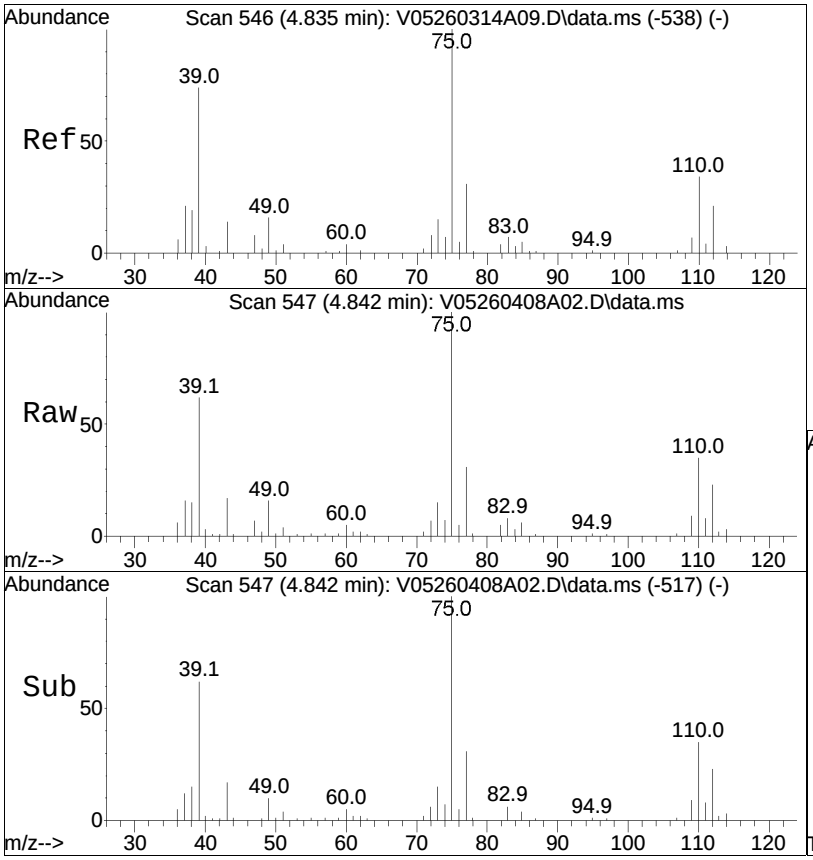


#37
1,1,1-Trichloroethane
Concen: 8.89 ug/L
RT: 4.718 min Scan# 529
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 97 Resp: 78348

Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.3	87.9
61	56.4	35.0	72.6
63	16.5	10.5	21.7

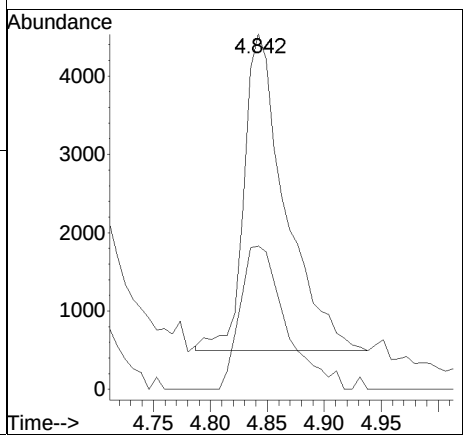


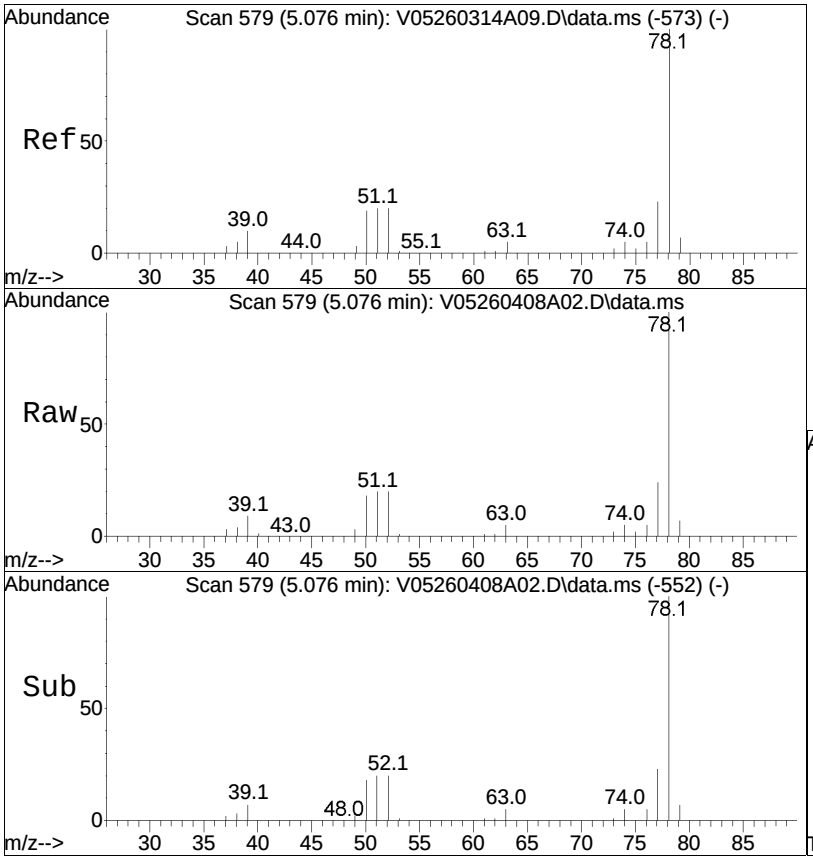


#39
2-Butanone
Concen: 7.57 ug/L
RT: 4.842 min Scan# 547
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 43 Resp: 10274

Ion	Ratio	Lower	Upper
43	100		
72	50.0	39.2	58.8

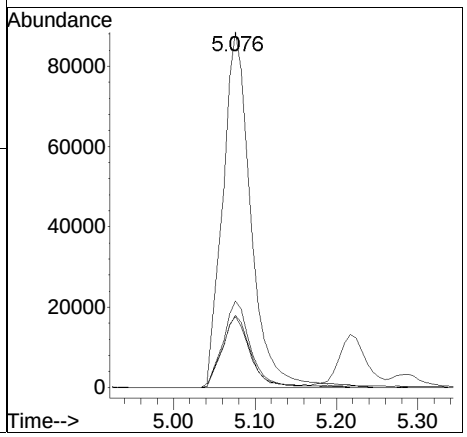


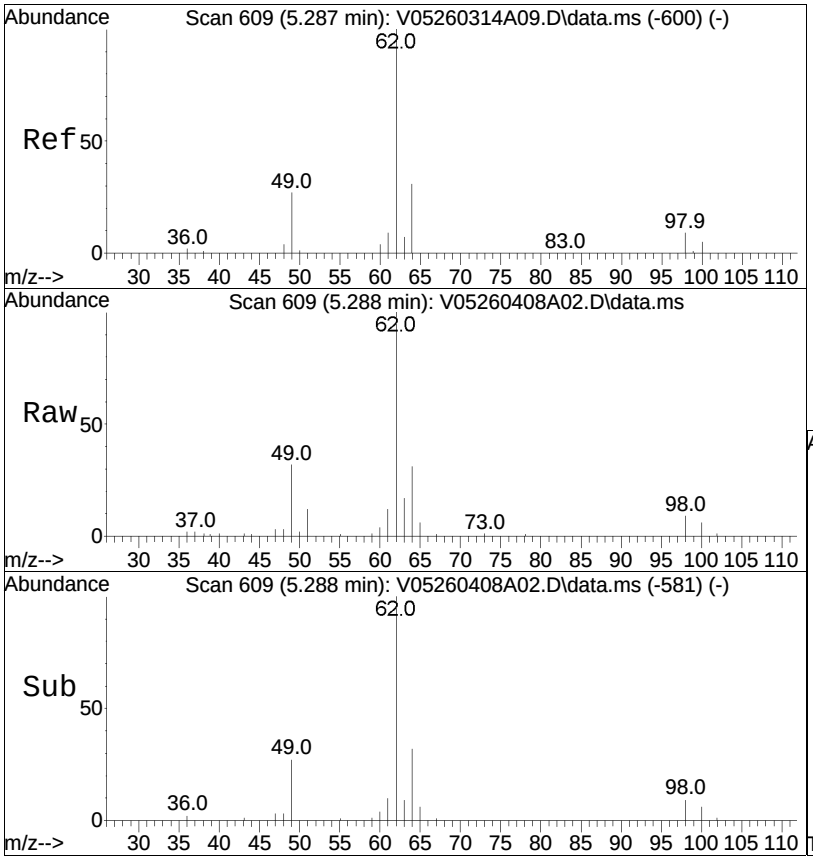


#41
Benzene
Concen: 9.63 ug/L
RT: 5.076 min Scan# 579
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 78 Resp: 205219

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.5	32.1
51	20.9	13.6	28.2
52	20.2	12.8	26.6

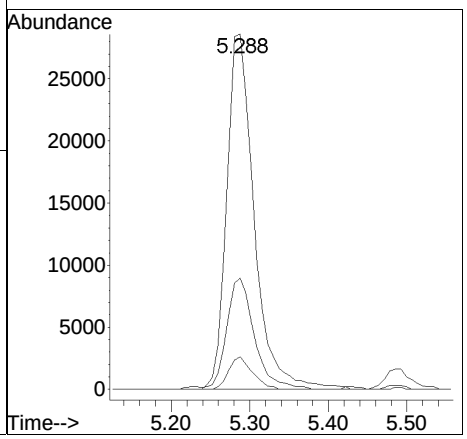


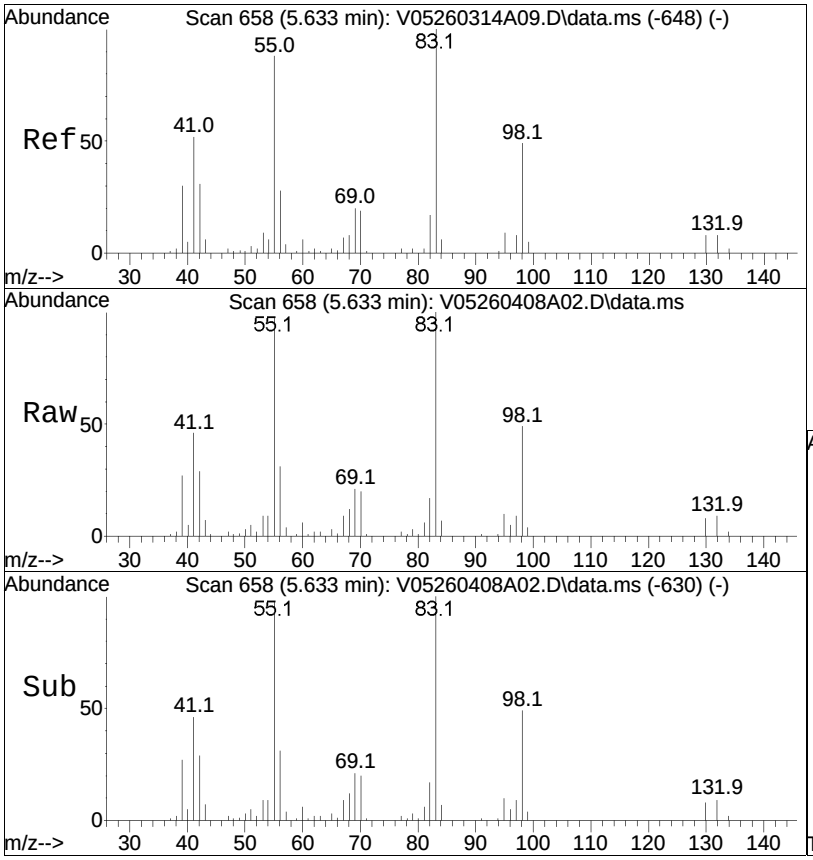


#44
1,2-Dichloroethane
Concen: 9.73 ug/L
RT: 5.288 min Scan# 609
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 62 Resp: 70055

Ion	Ratio	Lower	Upper
62	100		
64	31.8	12.5	52.5
98	7.9	0.0	28.2

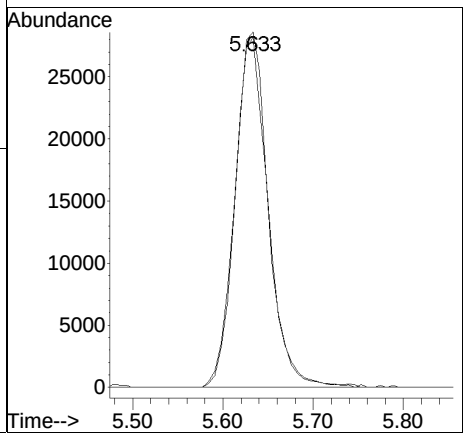


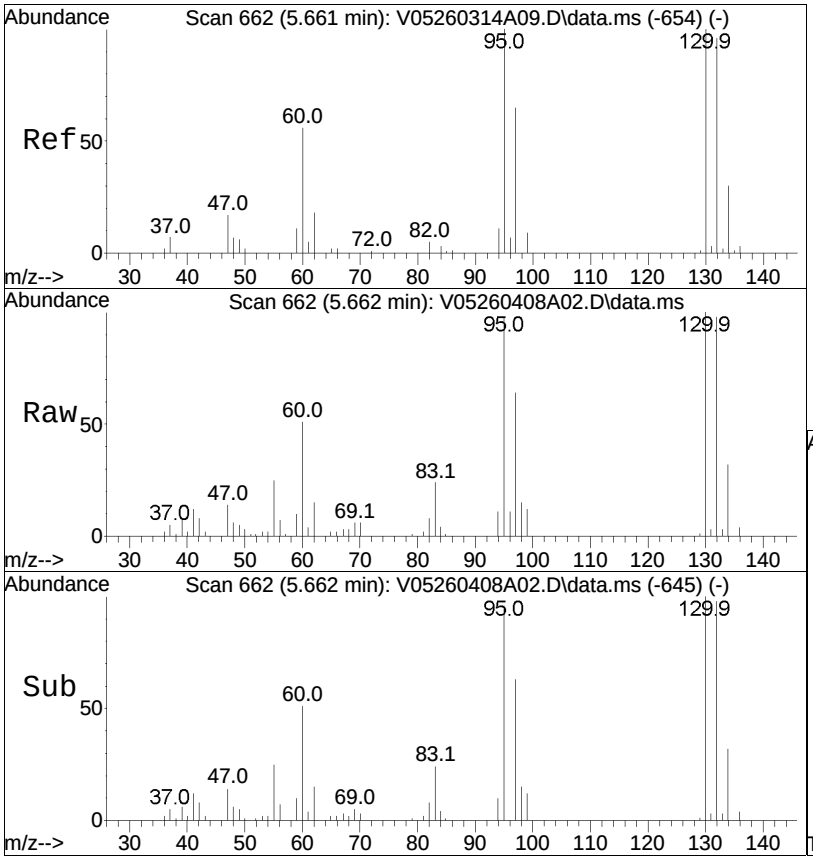


#47
Methyl cyclohexane
Concen: 7.87 ug/L
RT: 5.633 min Scan# 658
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 83 Resp: 73249

Ion	Ratio	Lower	Upper
83	100		
55	98.3	73.4	110.2

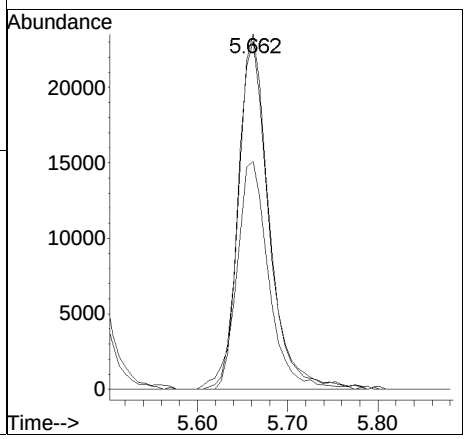


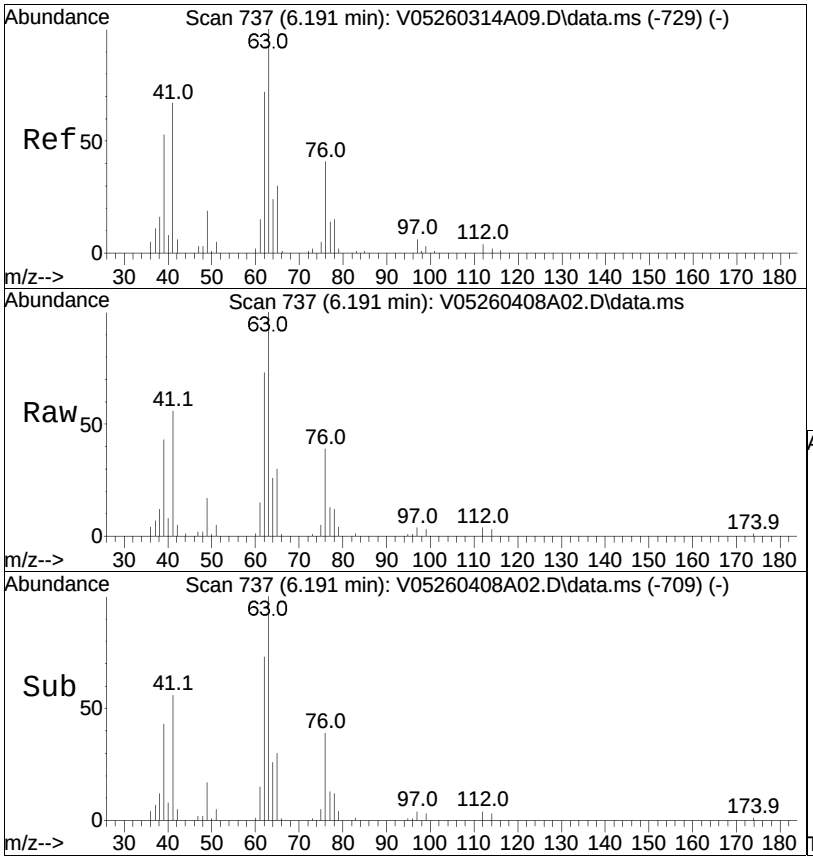


#48
Trichloroethene
Concen: 9.13 ug/L
RT: 5.662 min Scan# 662
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 95 Resp: 55036

Ion	Ratio	Lower	Upper
95	100		
97	68.3	53.3	79.9
130	99.8	81.0	121.4

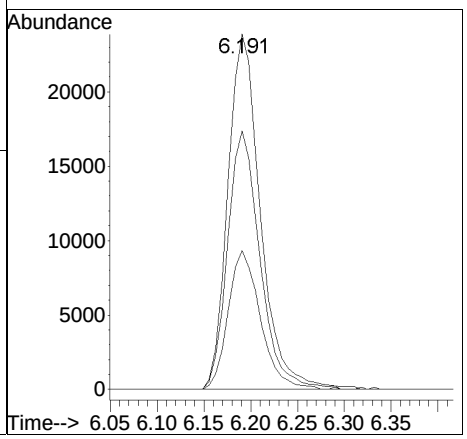


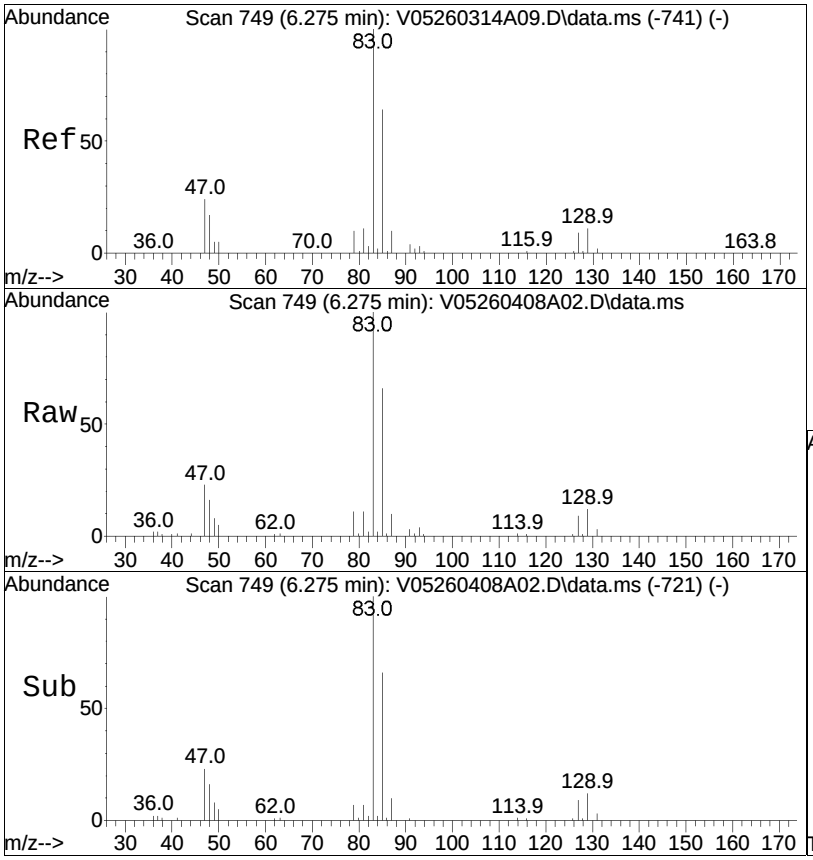


#51
1,2-Dichloropropane
Concen: 10.00 ug/L
RT: 6.191 min Scan# 737
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 63 Resp: 57879

Ion	Ratio	Lower	Upper
63	100		
62	72.3	57.7	86.5
76	38.7	33.0	49.6

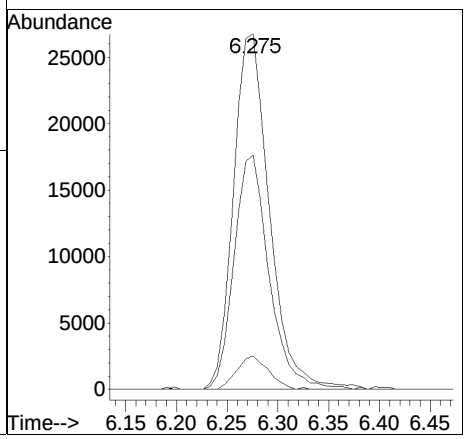


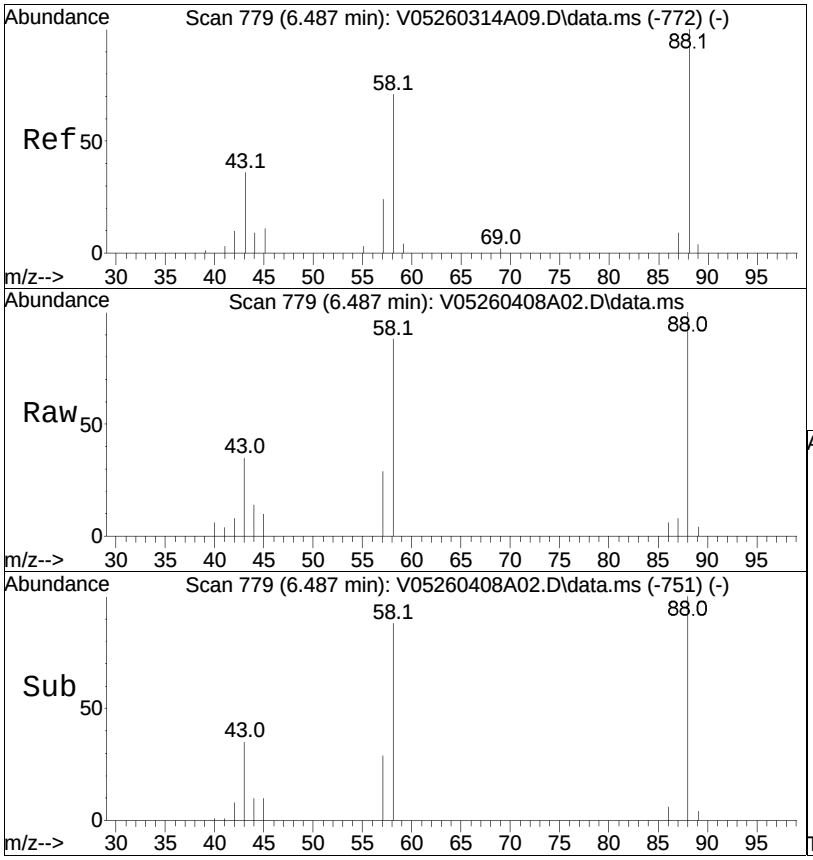


#54
Bromodichloromethane
Concen: 8.73 ug/L
RT: 6.275 min Scan# 749
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 83 Resp: 66006

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3
127	8.4	6.5	9.7

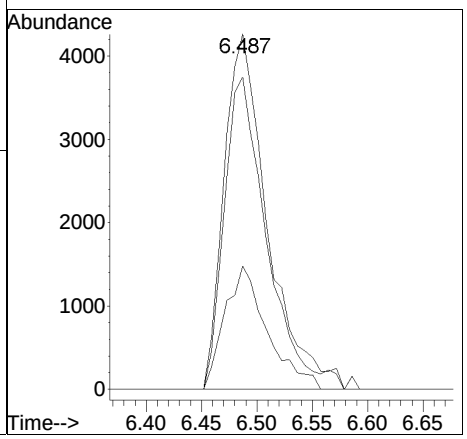


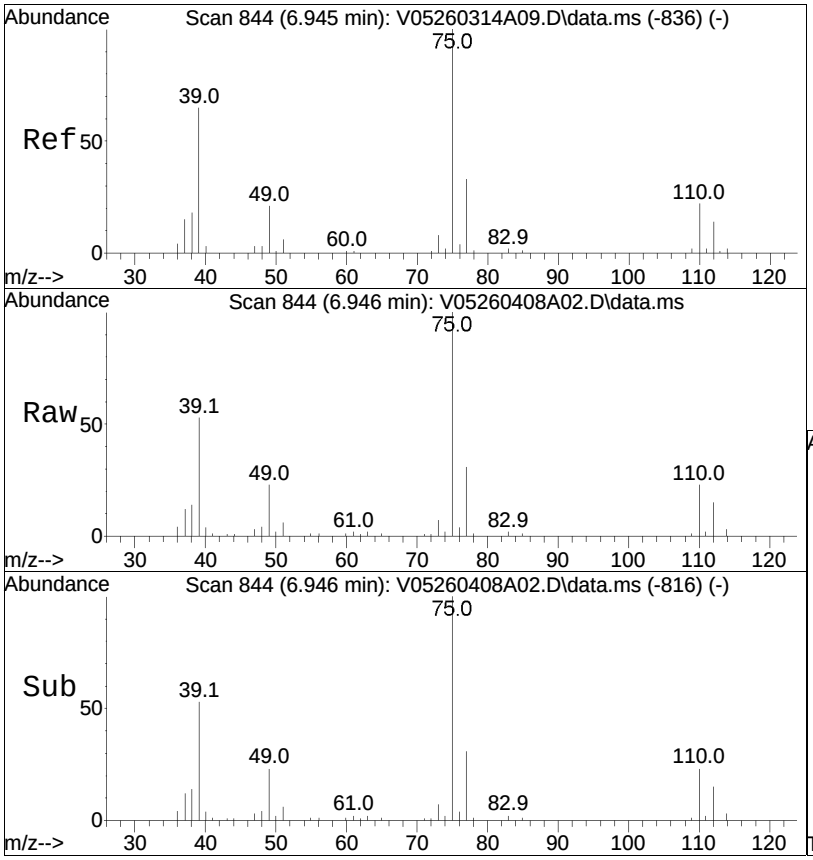


#57
1,4-Dioxane
Concen: 416.67 ug/L
RT: 6.487 min Scan# 779
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 88 Resp: 11712

Ion	Ratio	Lower	Upper
88	100		
58	85.5	62.0	93.0
43	33.8	29.3	43.9

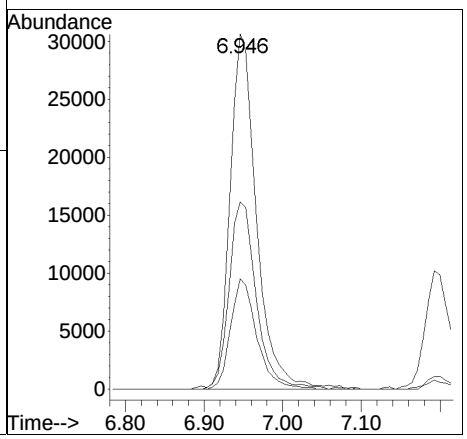


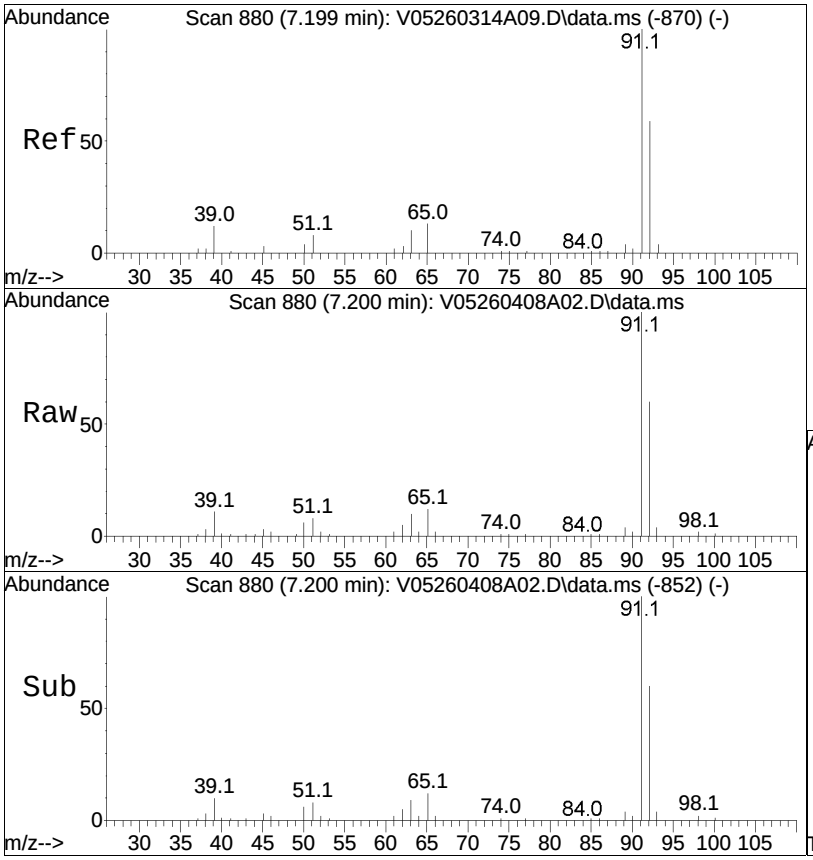


#58
cis-1,3-Dichloropropene
Concen: 8.70 ug/L
RT: 6.946 min Scan# 844
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 75 Resp: 72055

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.3	37.9
39	54.6	53.2	79.8

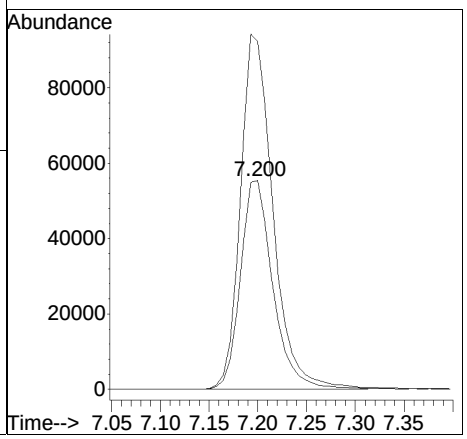


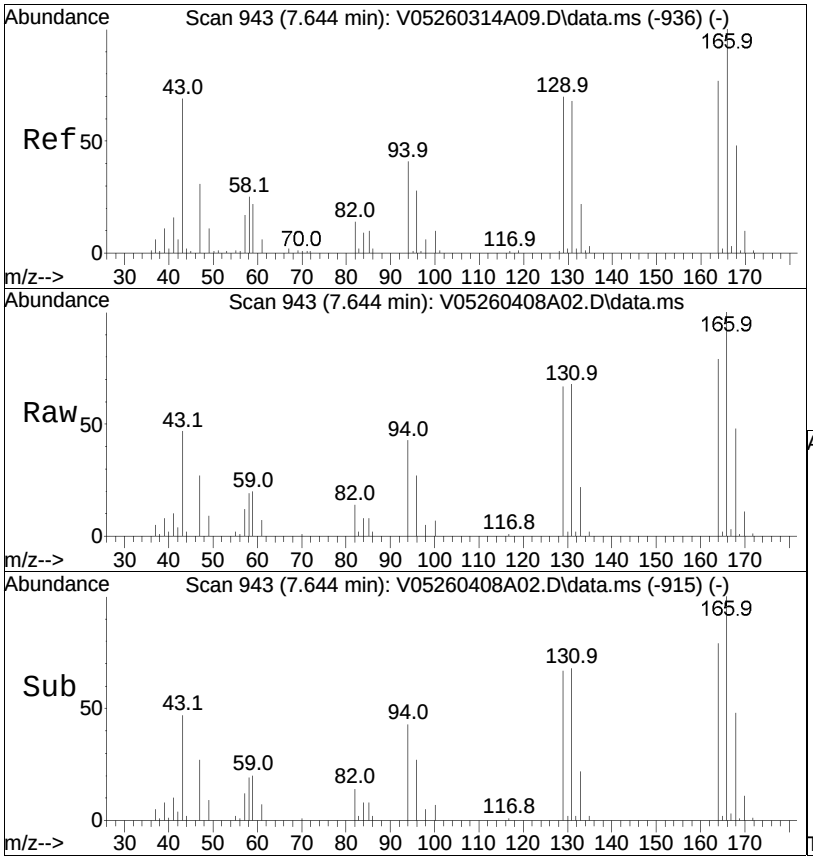


#61
Toluene
Concen: 9.15 ug/L
RT: 7.200 min Scan# 880
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 92 Resp: 128541

Ion	Ratio	Lower	Upper
92	100		
91	170.8	135.5	203.3

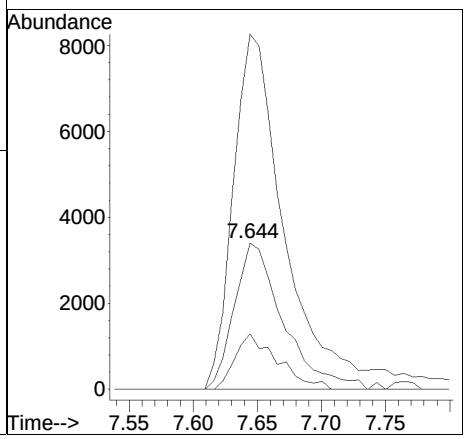


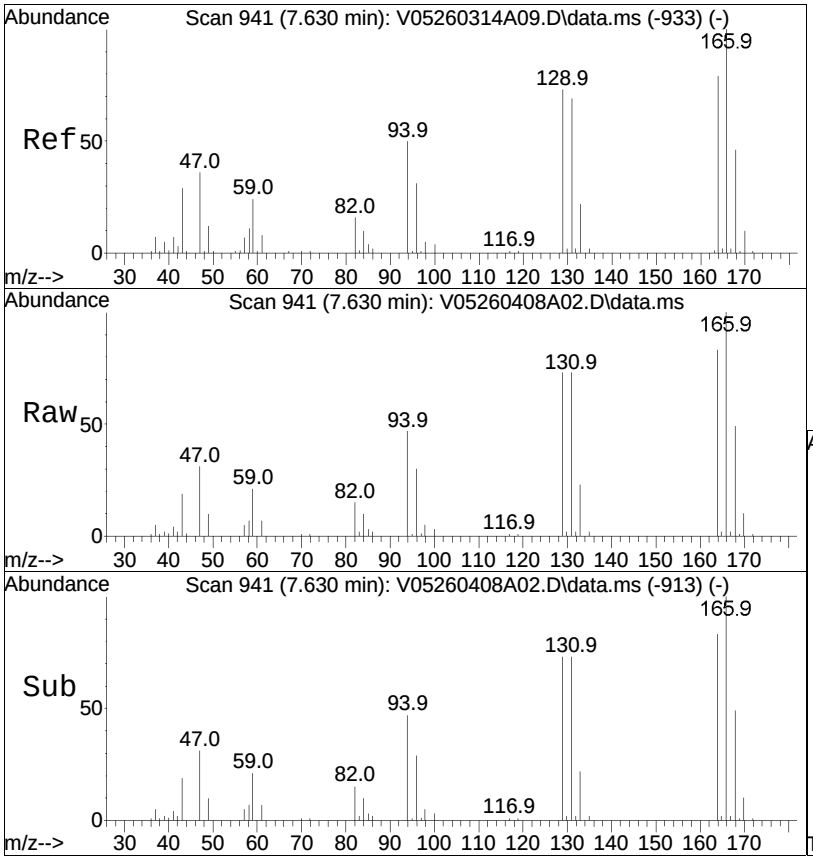


#62
4-Methyl-2-pentanone
Concen: 7.22 ug/L
RT: 7.644 min Scan# 943
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 58 Resp: 9060

Ion	Ratio	Lower	Upper
58	100		
100	33.2	27.6	41.4
43	267.1	214.2	321.2

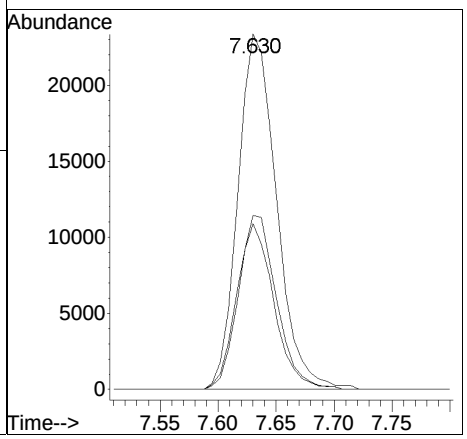


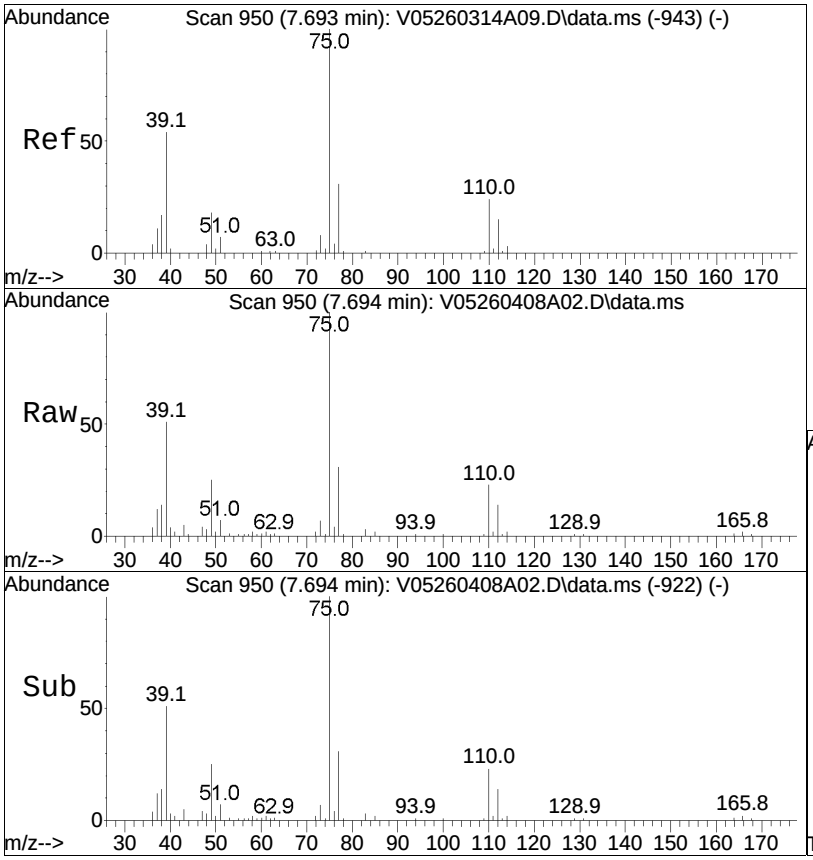


#63
Tetrachloroethene
Concen: 9.21 ug/L
RT: 7.630 min Scan# 941
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:166 Resp: 54259

Ion	Ratio	Lower	Upper
166	100		
168	48.2	27.8	67.8
94	45.0	27.4	67.4

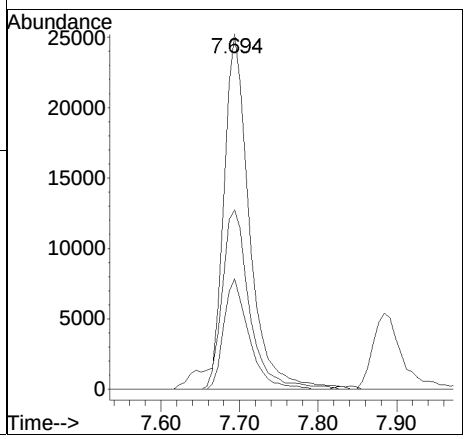


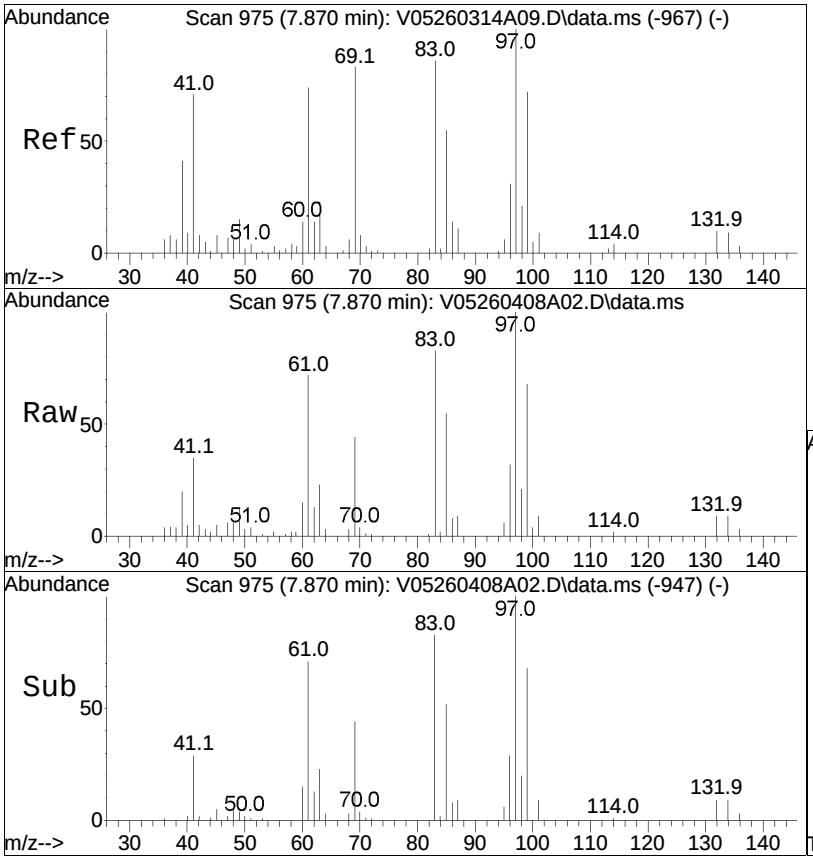


#65
trans-1,3-Dichloropropene
Concen: 8.13 ug/L
RT: 7.694 min Scan# 950
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 75 Resp: 57228

Ion	Ratio	Lower	Upper
75	100		
77	30.8	11.5	51.5
39	58.6	40.9	80.9

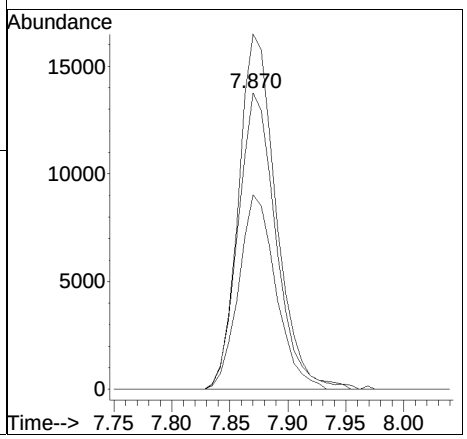


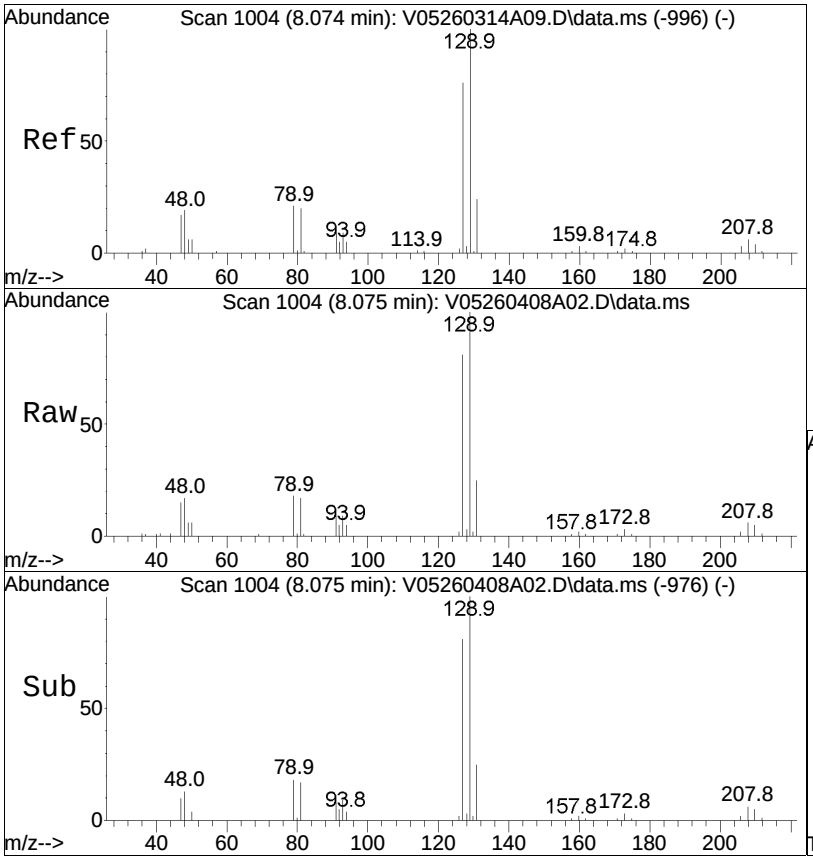


#68
1,1,2-Trichloroethane
Concen: 9.27 ug/L
RT: 7.870 min Scan# 975
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 83 Resp: 31287

Ion	Ratio	Lower	Upper
83	100		
97	118.6	95.5	135.5
85	64.5	46.9	86.9

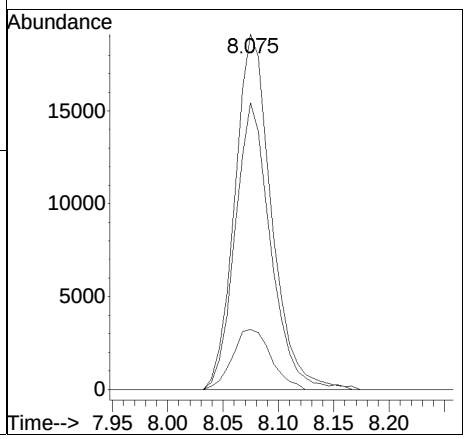


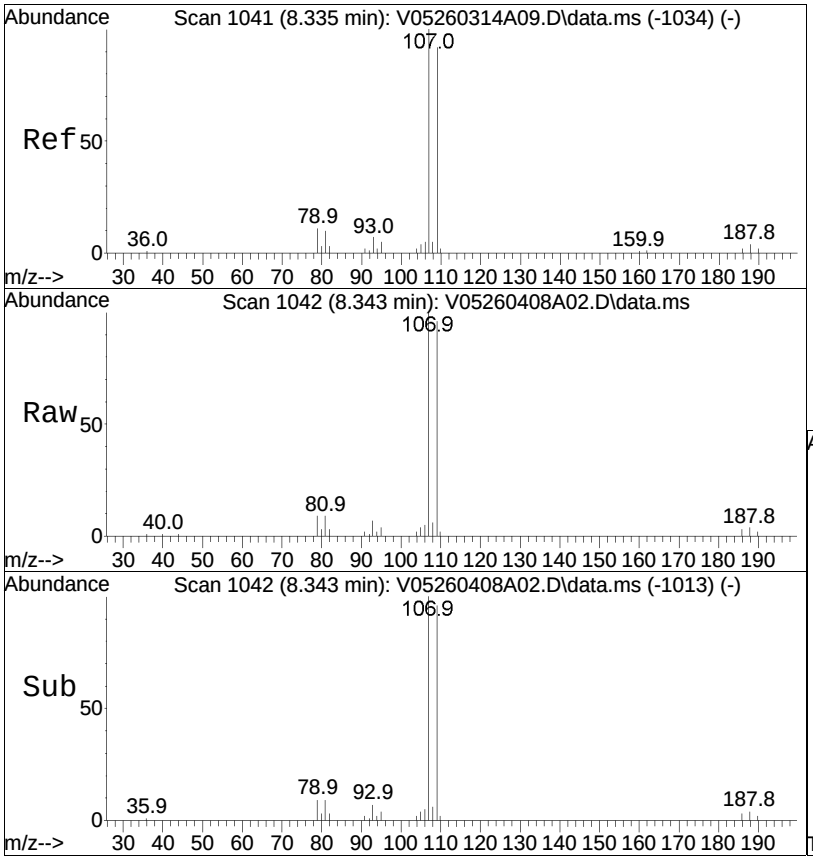


#69
Chlorodibromomethane
Concen: 8.82 ug/L
RT: 8.075 min Scan# 1004
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:129 Resp: 44014

Ion	Ratio	Lower	Upper
129	100		
81	17.8	0.0	39.4
127	78.2	57.9	97.9

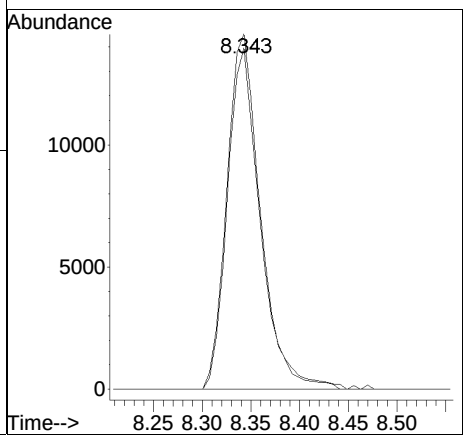


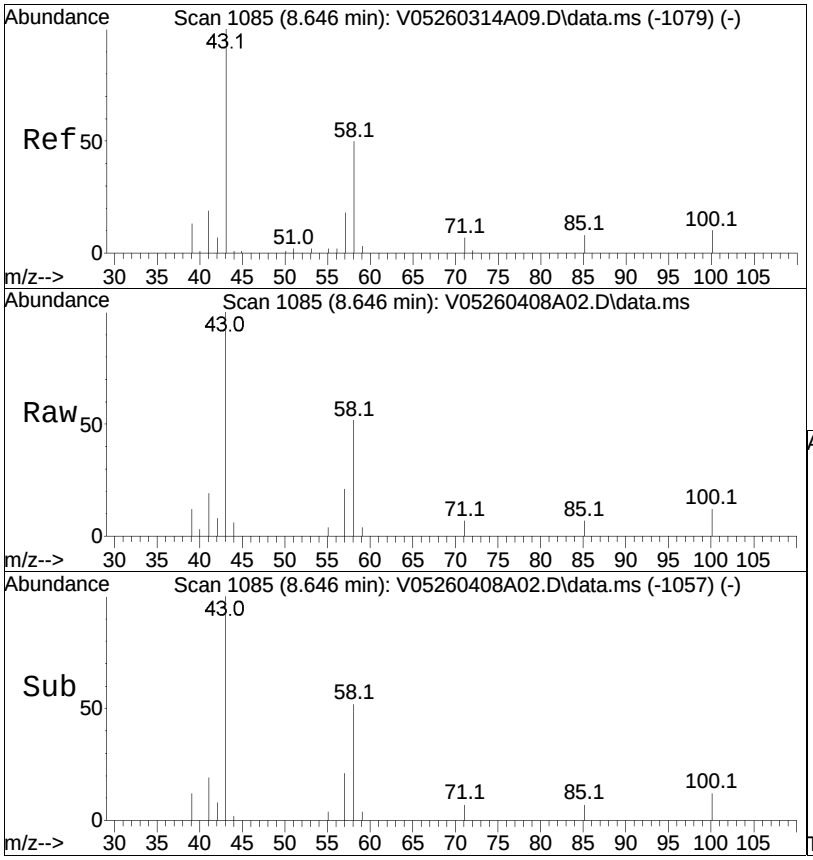


#71
1,2-Dibromoethane
Concen: 9.16 ug/L
RT: 8.343 min Scan# 1042
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:107 Resp: 35208

Ion	Ratio	Lower	Upper
107	100		
109	92.8	76.2	114.2

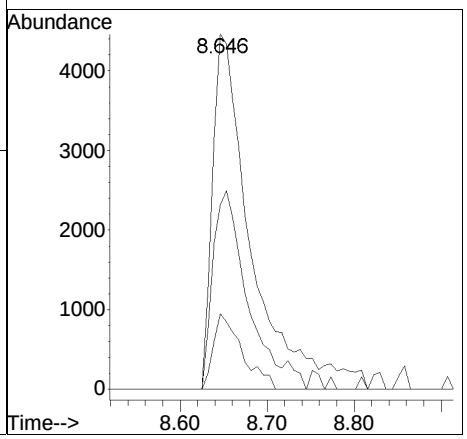


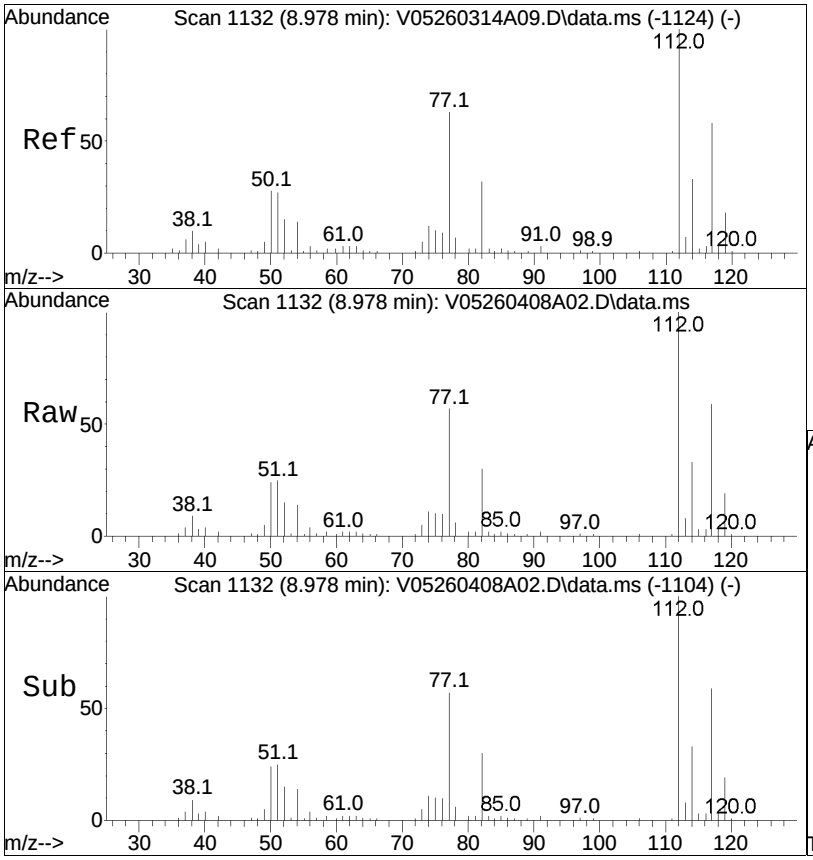


#72
2-Hexanone
Concen: 6.64 ug/L
RT: 8.646 min Scan# 1085
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 43 Resp: 13884

Ion	Ratio	Lower	Upper
43	100		
58	50.6	42.8	64.2
57	15.8	15.8	23.6

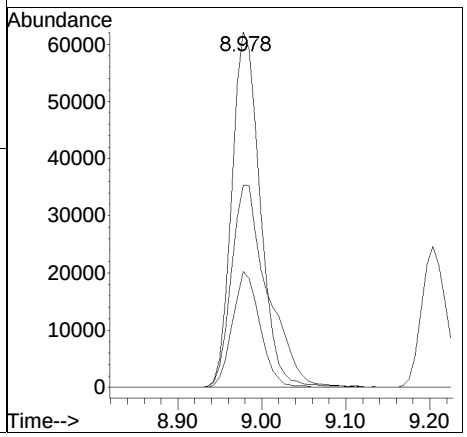


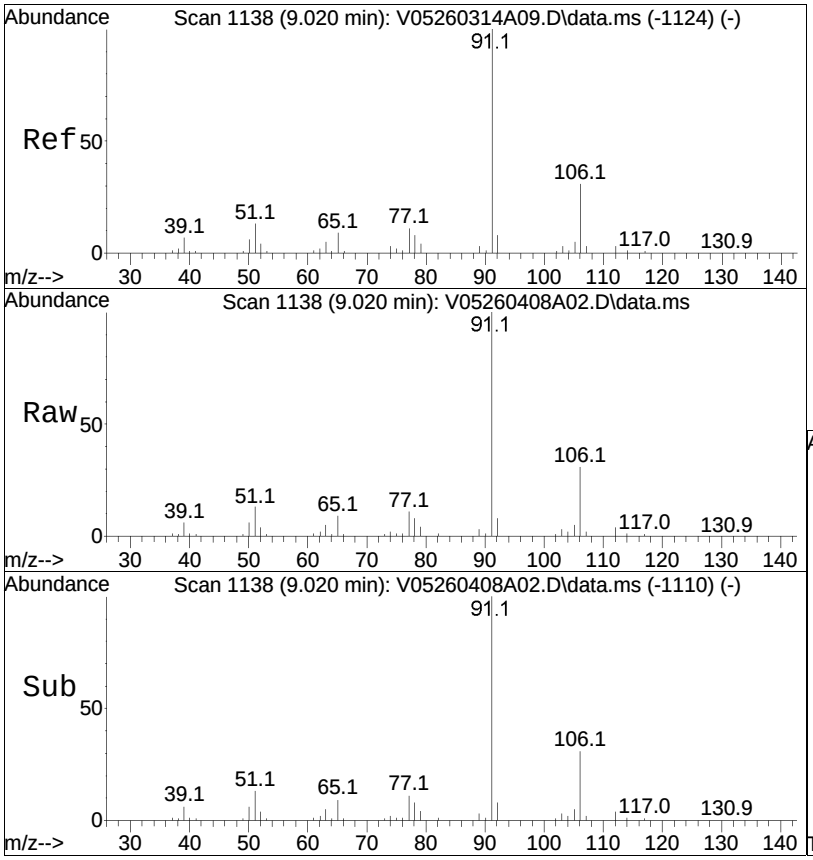


#73
Chlorobenzene
Concen: 9.64 ug/L
RT: 8.978 min Scan# 1132
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:112 Resp: 145688

Ion	Ratio	Lower	Upper
112	100		
77	73.1	61.6	92.4
114	31.9	25.8	38.8

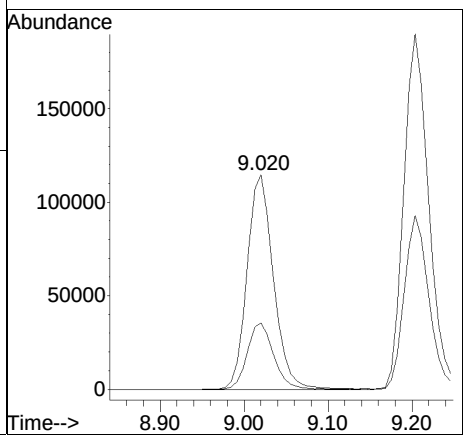


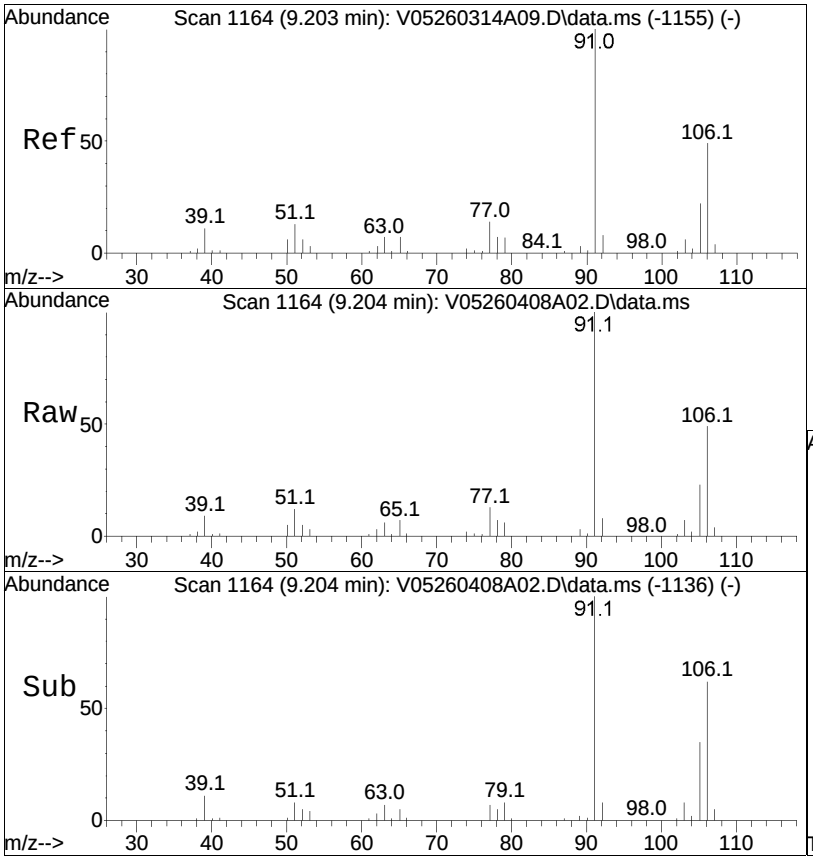


#74
Ethylbenzene
Concen: 9.00 ug/L
RT: 9.020 min Scan# 1138
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 91 Resp: 251304

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.4	36.6

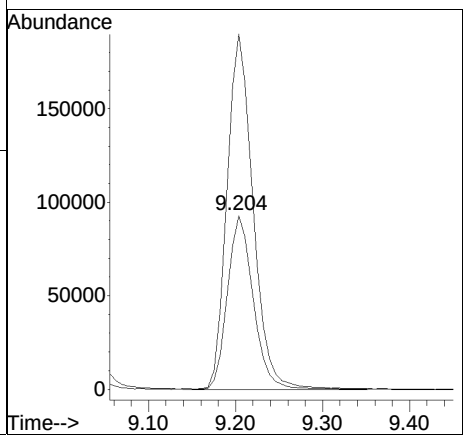


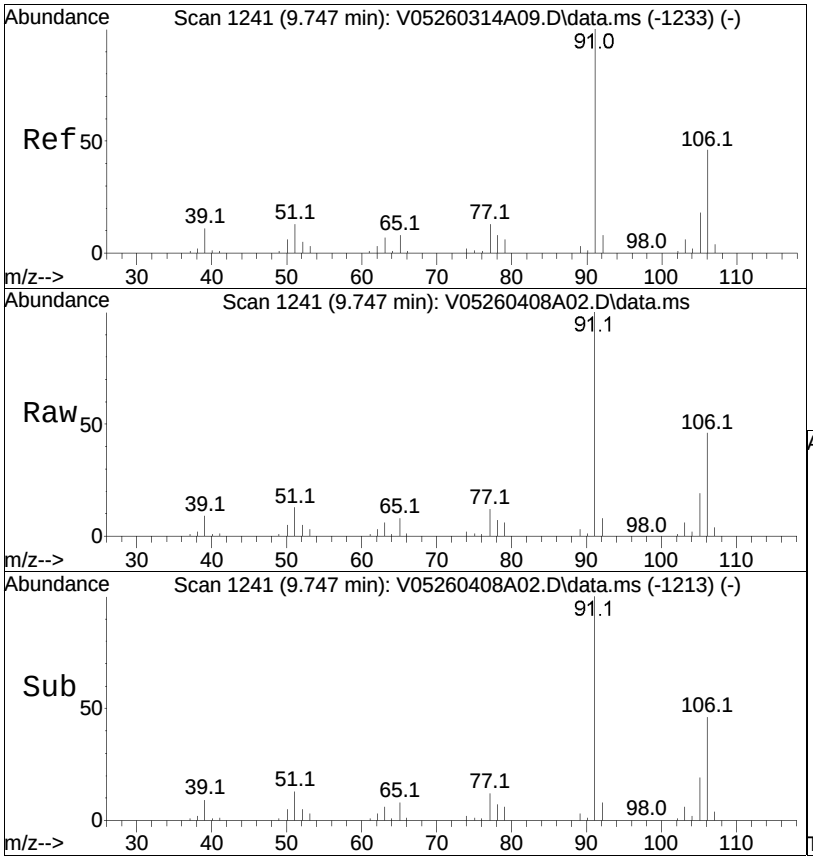


#76
p/m Xylene
Concen: 18.41 ug/L
RT: 9.204 min Scan# 1164
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:106 Resp: 191746

Ion	Ratio	Lower	Upper
106	100		
91	204.9	162.0	243.0

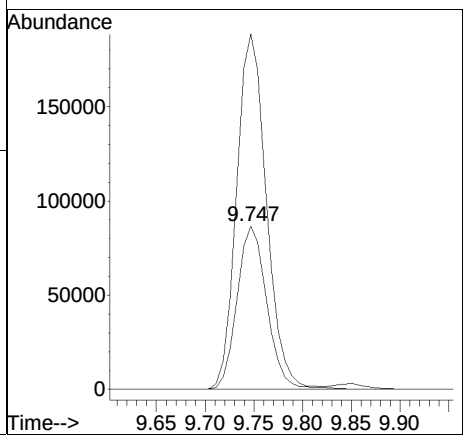


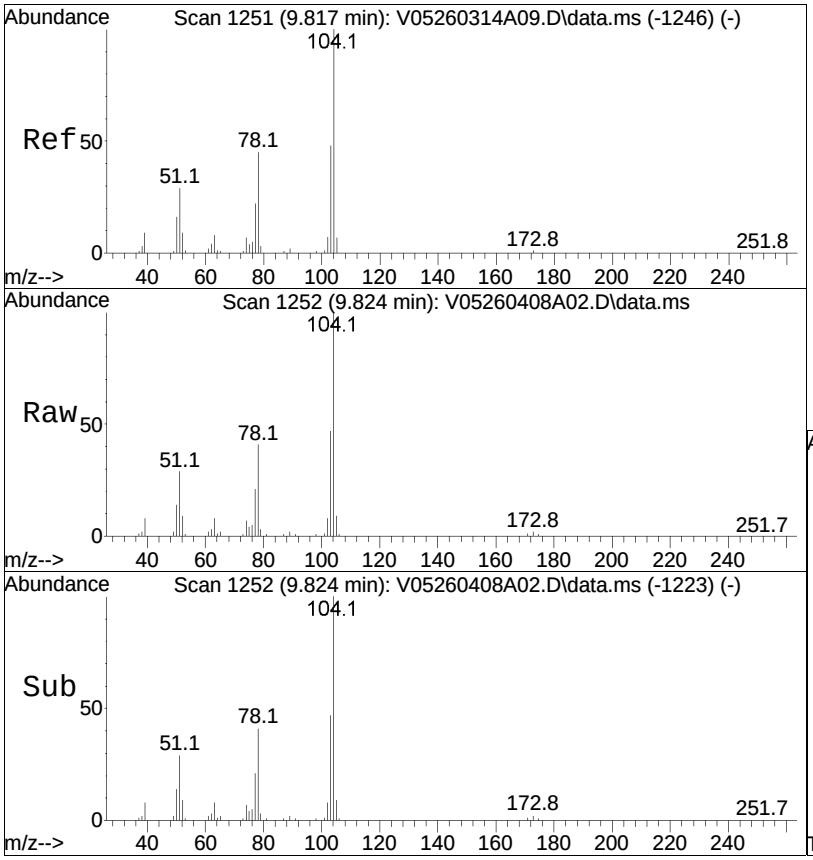


#77
o Xylene
Concen: 18.35 ug/L
RT: 9.747 min Scan# 1241
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:106 Resp: 184646

Ion	Ratio	Lower	Upper
106	100		
91	217.3	172.7	259.1

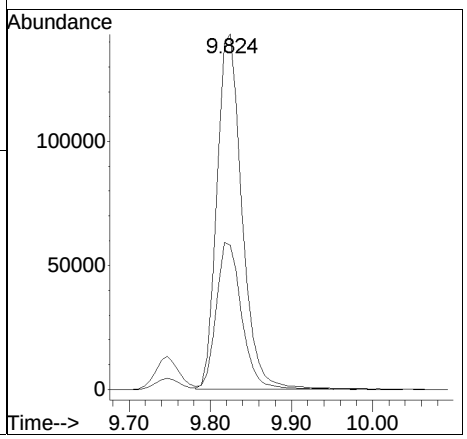


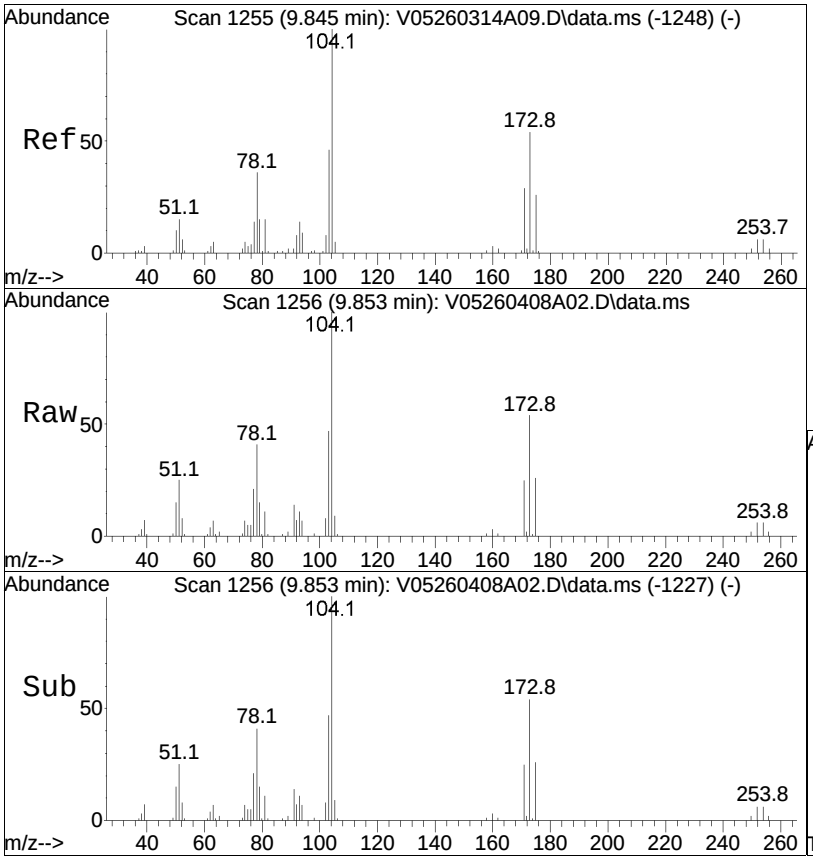


#78
Styrene
Concen: 18.74 ug/L
RT: 9.824 min Scan# 1252
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:104 Resp: 306352

Ion	Ratio	Lower	Upper
104	100		
78	42.3	36.0	54.0

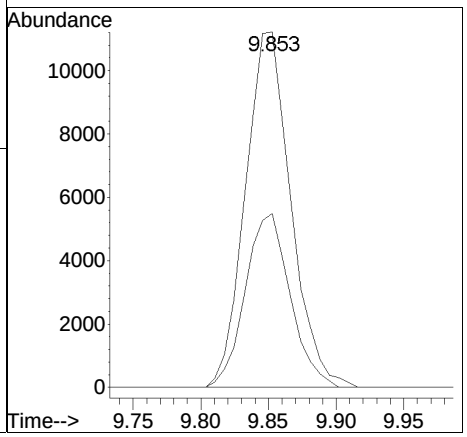


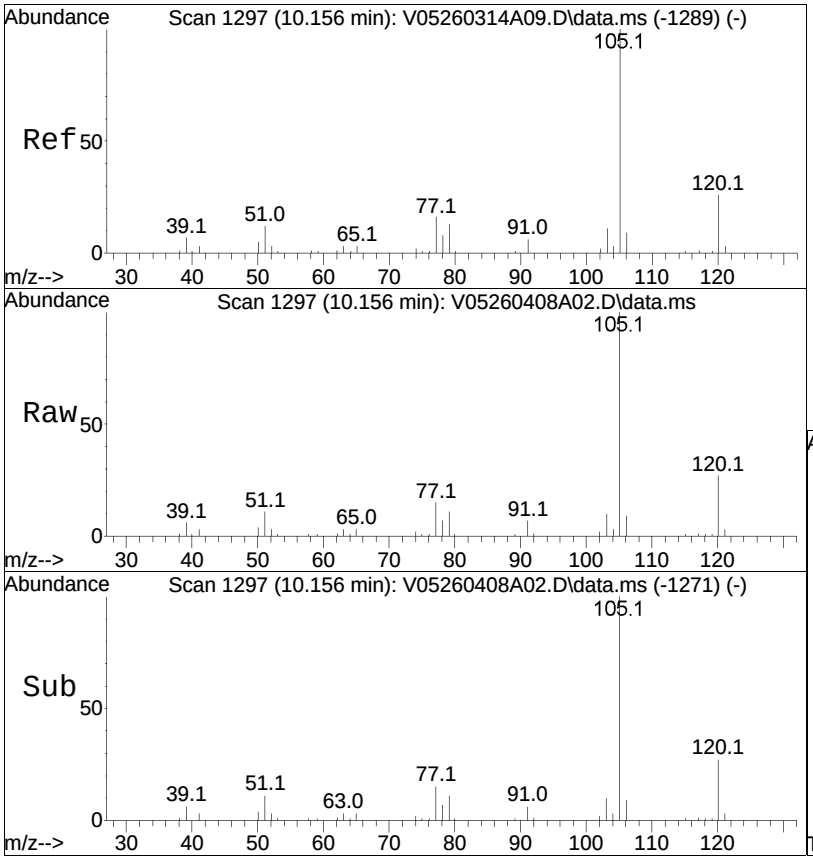


#80
Bromoform
Concen: 8.10 ug/L
RT: 9.853 min Scan# 1256
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:173 Resp: 26215

Ion	Ratio	Lower	Upper
173	100		
175	48.3	29.4	69.4

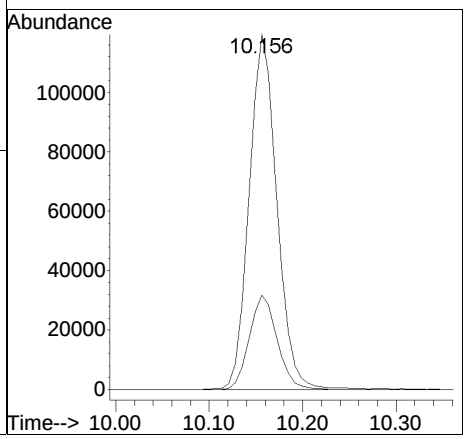


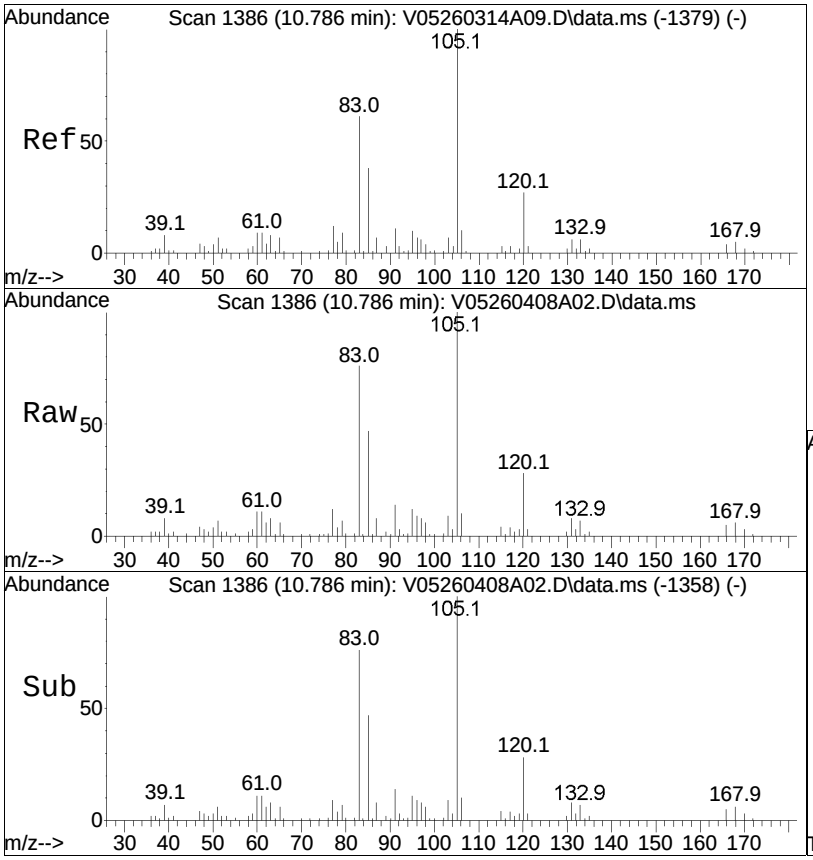


#82
Isopropylbenzene
Concen: 8.16 ug/L
RT: 10.156 min Scan# 1297
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:105 Resp: 266096

Ion	Ratio	Lower	Upper
105	100		
120	27.2	6.7	46.7

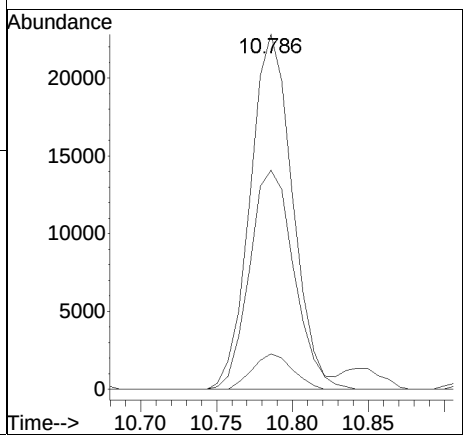


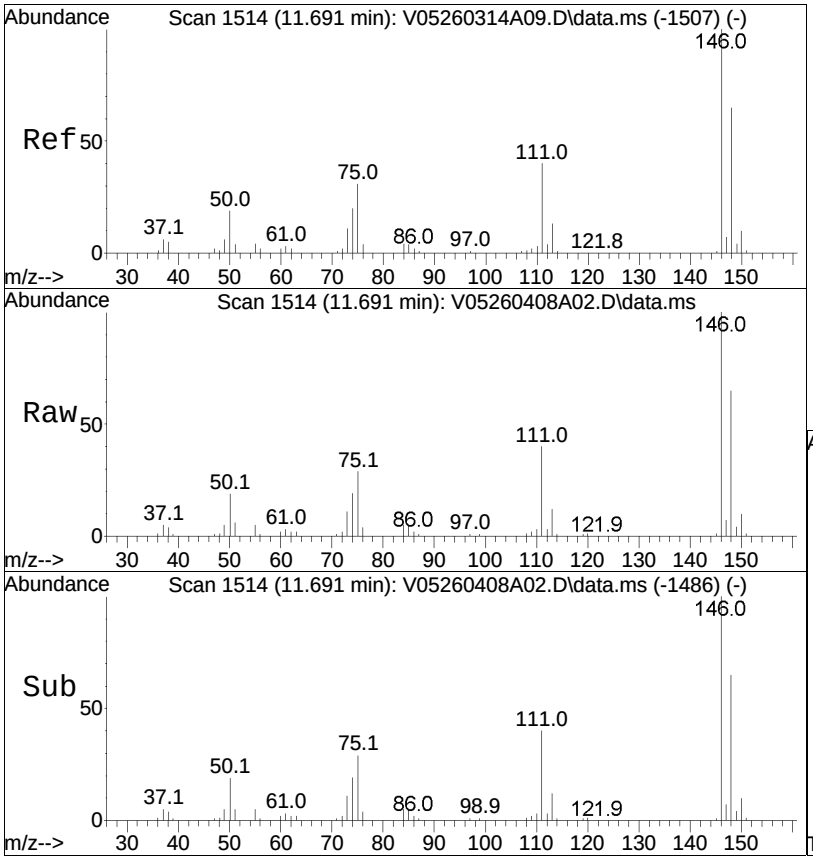


#87
1,1,2,2-Tetrachloroethane
Concen: 9.02 ug/L
RT: 10.786 min Scan# 1386
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion: 83 Resp: 44270

Ion	Ratio	Lower	Upper
83	100		
131	9.5	0.0	29.8
85	65.3	45.1	85.1

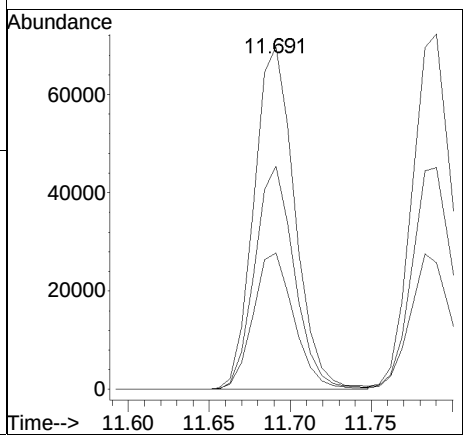


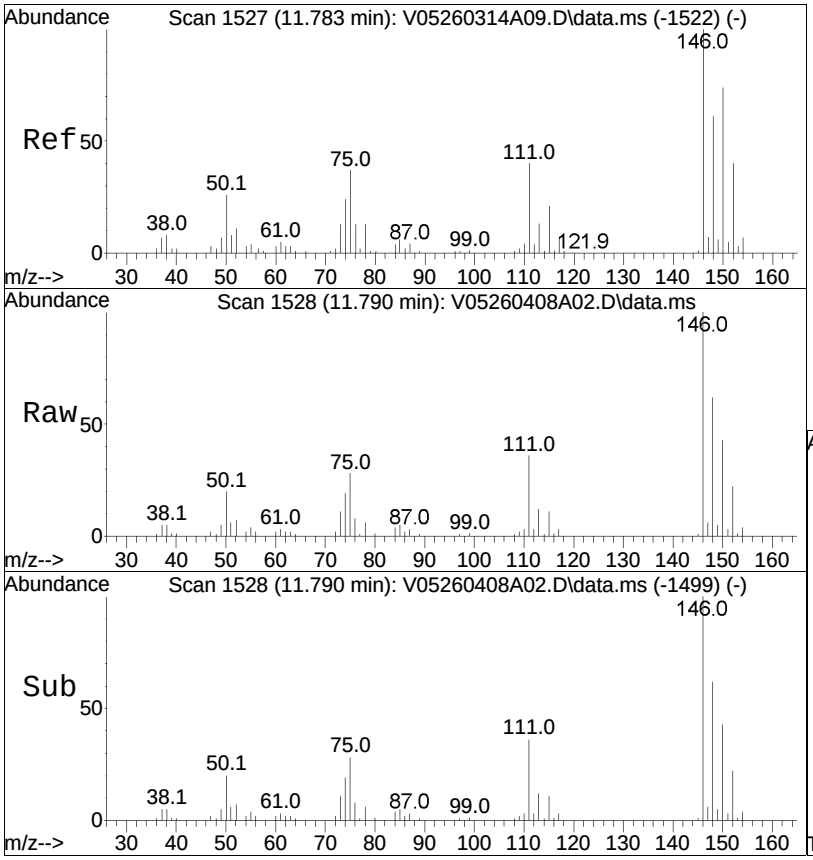


#100
1,3-Dichlorobenzene
Concen: 9.46 ug/L
RT: 11.691 min Scan# 1514
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:146 Resp: 122236

Ion	Ratio	Lower	Upper
146	100		
111	39.7	26.5	55.1
148	63.4	41.2	85.6

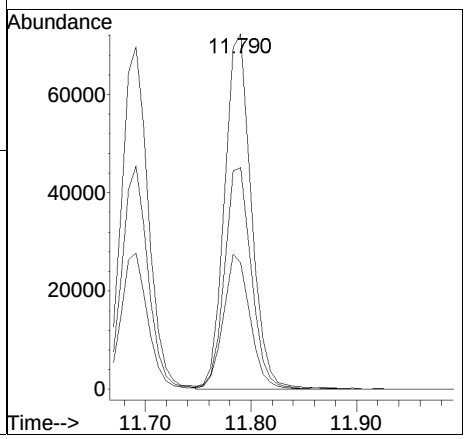


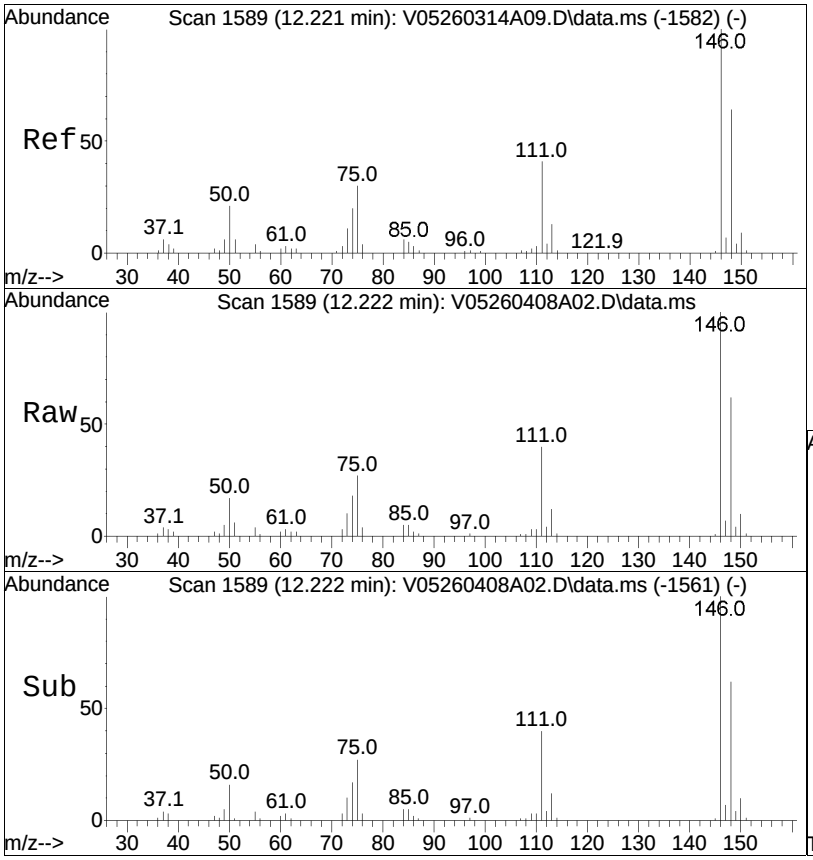


#101
1,4-Dichlorobenzene
Concen: 9.81 ug/L
RT: 11.790 min Scan# 1528
Delta R.T. 0.007 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:146 Resp: 128020

Ion	Ratio	Lower	Upper
146	100		
111	38.1	32.9	49.3
148	61.6	50.6	76.0

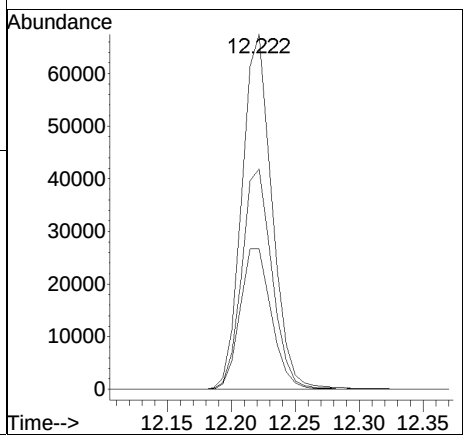


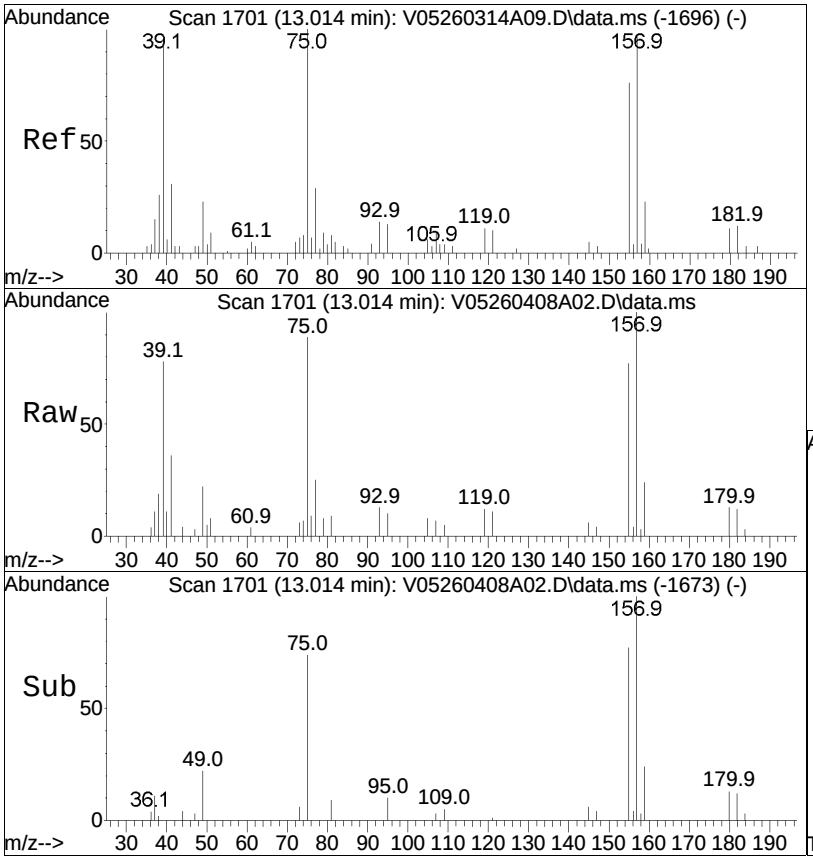


#104
1,2-Dichlorobenzene
Concen: 9.56 ug/L
RT: 12.222 min Scan# 1589
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:146 Resp: 110756

Ion	Ratio	Lower	Upper
146	100		
111	41.4	27.7	57.5
148	62.2	41.2	85.6

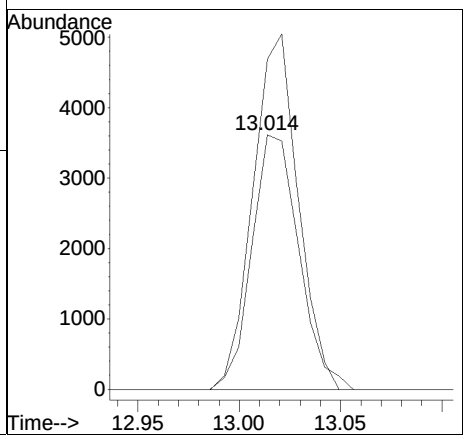


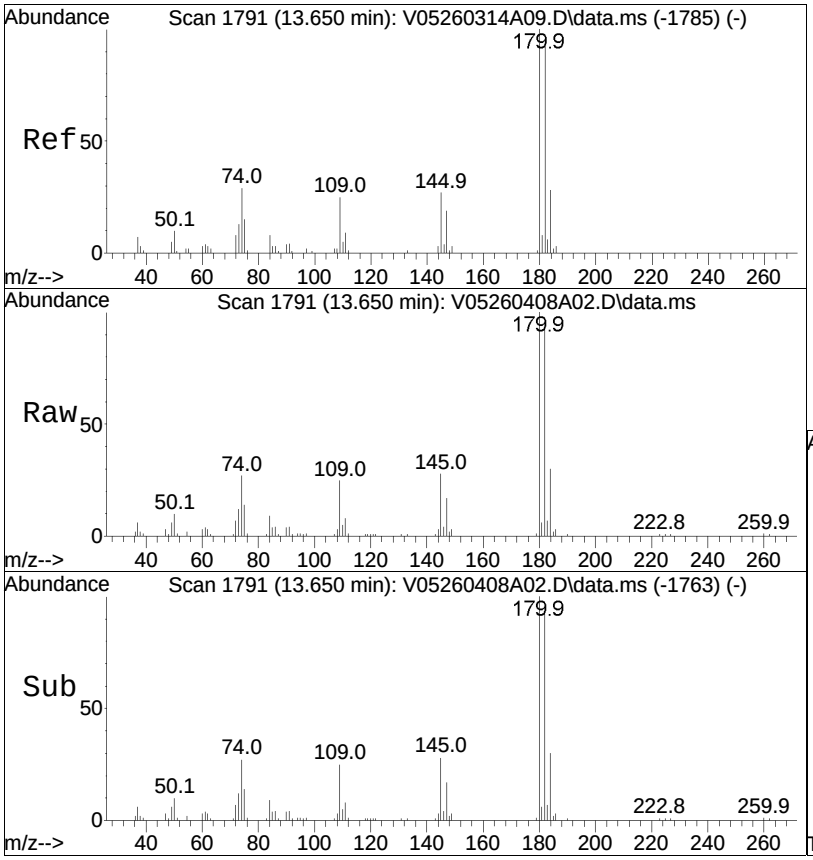


#106
1,2-Dibromo-3-chloropropane
Concen: 8.43 ug/L
RT: 13.014 min Scan# 1701
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:155 Resp: 5858

Ion	Ratio	Lower	Upper
155	100		
157	133.8	103.9	155.9

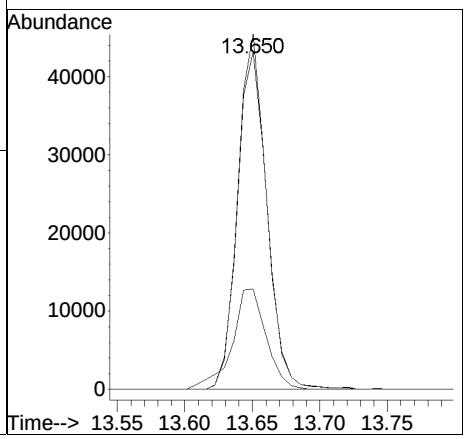


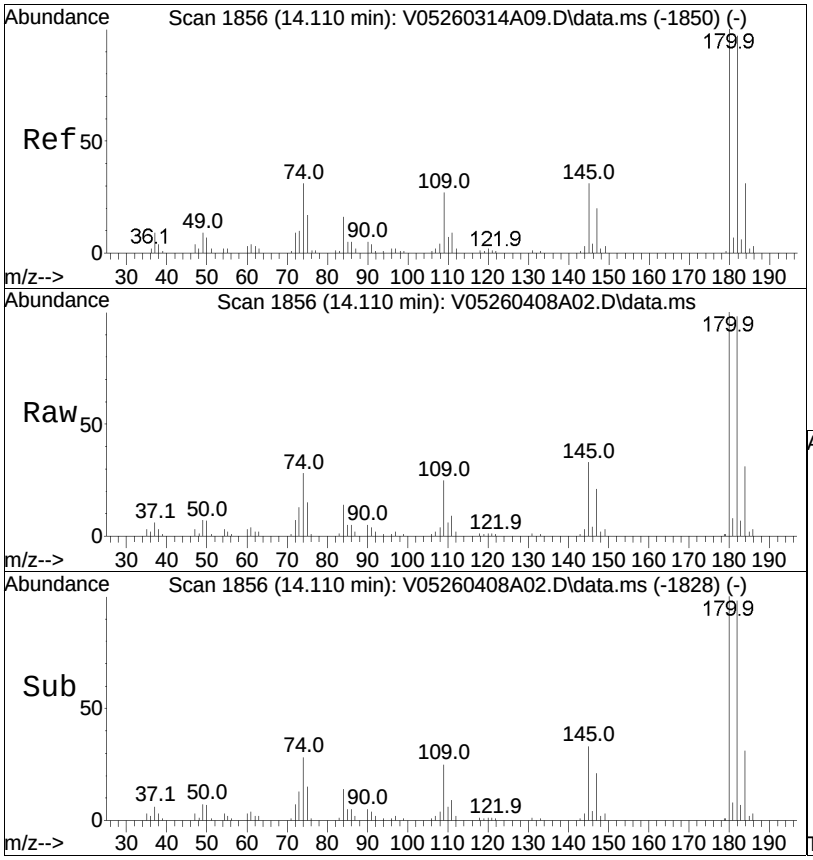


#109
1,2,4-Trichlorobenzene
Concen: 9.57 ug/L
RT: 13.650 min Scan# 1791
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:180 Resp: 67567

Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.1	114.1
145	33.4	26.0	39.0

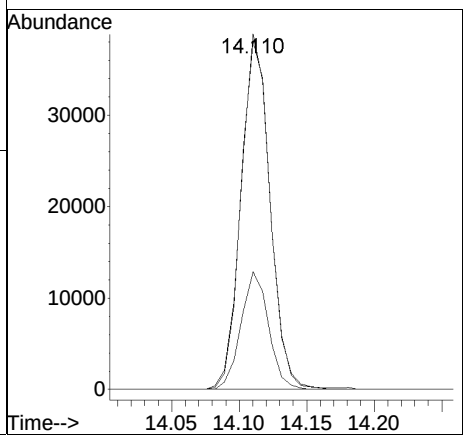




#111
1,2,3-Trichlorobenzene
Concen: 10.17 ug/L
RT: 14.110 min Scan# 1856
Delta R.T. 0.000 min
Lab File: V05260408A02.D
Acq: 8 Apr 2026 9:43 am

Tgt Ion:180 Resp: 58024

Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.0	115.4
145	31.5	24.4	36.6



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A02.D	Operator	: VOA105:PID
Date Inj'd	: 4/8/2026 9:43 am	Instrument	: VOA105
Sample	: WG2196004-4,31,10,10	Quant Date	: 4/8/2026 10:04 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A26.D
Acq On : 8 Apr 2026 7:54 pm
Operator : VOA105:MJV
Sample : WG2196004-6,31,10,10,,a1 (Sig #1); l2617421-03MS,31,10,10,,a1 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 09 06:36:43 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.492	96	188490	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery = 88.47%			
59) Chlorobenzene-d5	8.963	117	146682	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery = 89.66%			
79) 1,4-Dichlorobenzene-d4	11.769	152	91755	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery = 90.30%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.718	113	53040	10.614	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.14%			
43) 1,2-Dichloroethane-d4	5.217	65	67080	11.006	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.06%			
60) Toluene-d8	7.143	98	188595	9.468	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.68%			
83) 4-Bromofluorobenzene	10.510	95	69799	8.011	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 80.11%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	64155	13.200	ug/L	99
3) Chloromethane	1.595	50	57731	9.584	ug/L	100
4) Vinyl chloride	1.650	62	79047	13.311	ug/L	99
5) Bromomethane	1.918	94	22025	7.379	ug/L	99
6) Chloroethane	2.007	64	65485	16.379	ug/L	97
7) Trichlorofluoromethane	2.137	101	100009	14.369	ug/L	99
10) 1,1-Dichloroethene	2.577	96	52652	12.048	ug/L	89
11) Carbon disulfide	2.604	76	185966	12.888	ug/L	99
12) Freon-113	2.611	101	54036	13.214	ug/L	91
15) Methylene chloride	3.098	84	48764	10.218	ug/L	94
17) Acetone	3.160	43	12979	16.218	ug/L	91
18) trans-1,2-Dichloroethene	3.236	96	51277	11.137	ug/L	98
19) Methyl acetate	3.263	43	17085	9.120	ug/L	95
20) Methyl tert-butyl ether	3.332	73	69092	6.631	ug/L #	89
23) 1,1-Dichloroethane	3.785	63	108516	11.641	ug/L	98
28) cis-1,2-Dichloroethene	4.286	96	54650	10.658	ug/L	97
30) Bromochloromethane	4.471	128	23386	11.052	ug/L	96
31) Cyclohexane	4.451	56	115395	12.136	ug/L	93
32) Chloroform	4.540	83	93053	10.822	ug/L	98

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A26.D
Acq On : 8 Apr 2026 7:54 pm
Operator : VOA105:MJV
Sample : WG2196004-6,31,10,10,,a1 (Sig #1); l2617421-03MS,31,10,10,,a1 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 09 06:36:43 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	4.656	117	77007	11.335	ug/L	98
37) 1,1,1-Trichloroethane	4.718	97	85614	11.224	ug/L	98
39) 2-Butanone	4.842	43	13944	11.866	ug/L	86
41) Benzene	5.076	78	206059	11.165	ug/L	99
44) 1,2-Dichloroethane	5.287	62	66506	10.669	ug/L	99
47) Methyl cyclohexane	5.633	83	85850	10.655	ug/L	94
48) Trichloroethene	5.661	95	57026	10.926	ug/L	98
51) 1,2-Dichloropropane	6.191	63	53945	10.768	ug/L	98
54) Bromodichloromethane	6.275	83	62541	9.550	ug/L	99
57) 1,4-Dioxane	6.487	88	8508	349.568	ug/L	90
58) cis-1,3-Dichloropropene	6.953	75	61427	8.562	ug/L	91
61) Toluene	7.199	92	126234	10.197	ug/L	97
62) 4-Methyl-2-pentanone	7.651	58	8154	7.377	ug/L	97
63) Tetrachloroethene	7.630	166	57775	11.127	ug/L	99
65) trans-1,3-Dichloropropene	7.693	75	51699	8.337	ug/L	98
68) 1,1,2-Trichloroethane	7.877	83	28989	9.754	ug/L	96
69) Chlorodibromomethane	8.074	129	40868	9.291	ug/L	98
71) 1,2-Dibromoethane	8.343	107	32621	9.636	ug/L	99
72) 2-Hexanone	8.653	43	12487	6.781	ug/L	98
73) Chlorobenzene	8.985	112	140097	10.525	ug/L	96
74) Ethylbenzene	9.020	91	251370	10.219	ug/L	100
76) p/m Xylene	9.203	106	189046	20.605	ug/L	97
77) o Xylene	9.747	106	178053	20.080	ug/L	99
78) Styrene	9.824	104	285400	19.817	ug/L	97
80) Bromoform	9.845	173	24600	8.337	ug/L	98
82) Isopropylbenzene	10.156	105	268149	9.024	ug/L	98
87) 1,1,2,2-Tetrachloroethane	10.786	83	42406	9.483	ug/L	99
100) 1,3-Dichlorobenzene	11.691	146	118616	10.074	ug/L	99
101) 1,4-Dichlorobenzene	11.790	146	117855	9.911	ug/L	98
104) 1,2-Dichlorobenzene	12.221	146	104190	9.868	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.014	155	5731	9.047	ug/L	95
109) 1,2,4-Trichlorobenzene	13.650	180	61825	9.606	ug/L	99
111) 1,2,3-Trichlorobenzene	14.110	180	52135	10.028	ug/L	98

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

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A26.D
Acq On : 8 Apr 2026 7:54 pm
Operator : VOA105:MJV
Sample : WG2196004-6,31,10,10,,a1 (Sig #1); l2617421-03MS,31,10,10,,a1 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 09 06:36:43 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

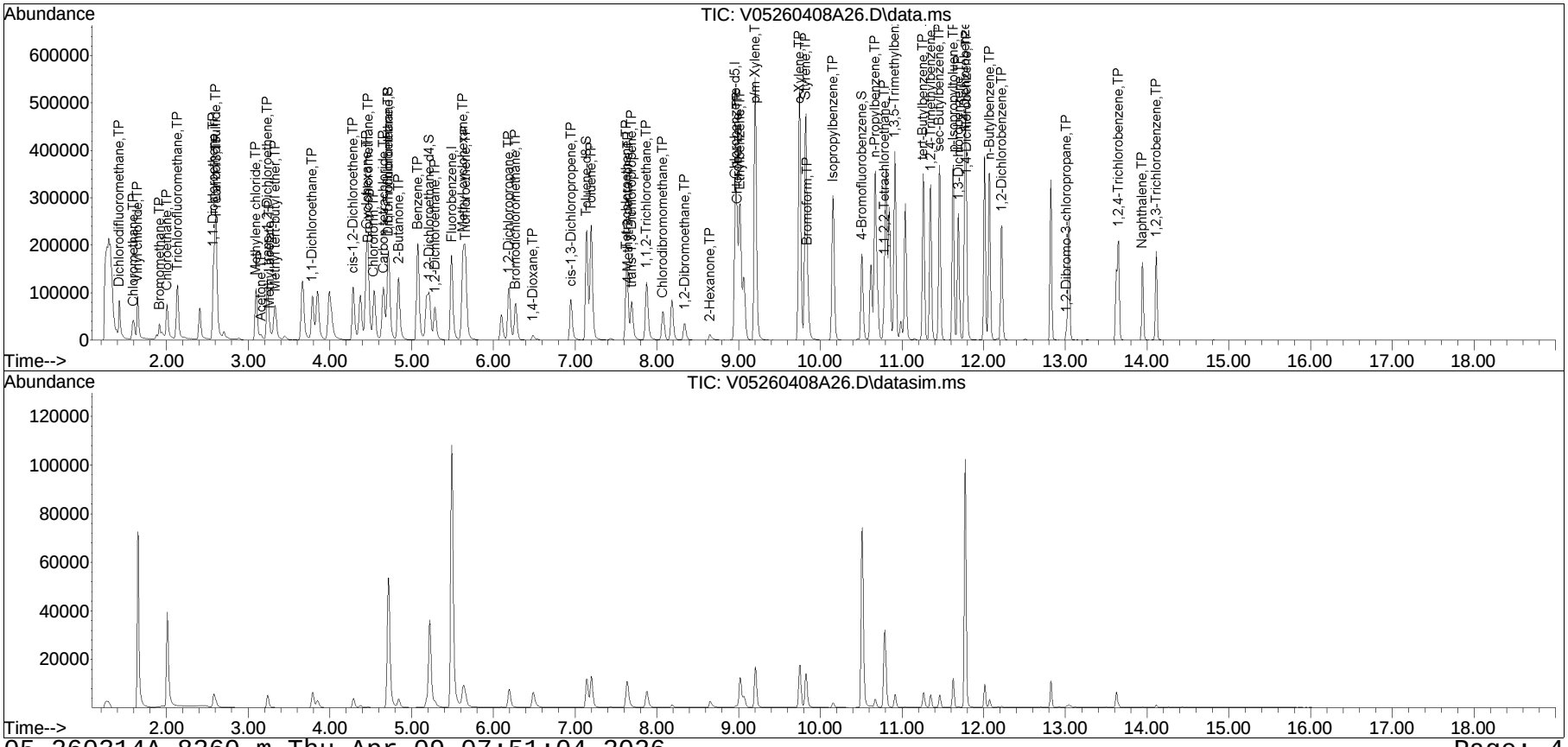
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

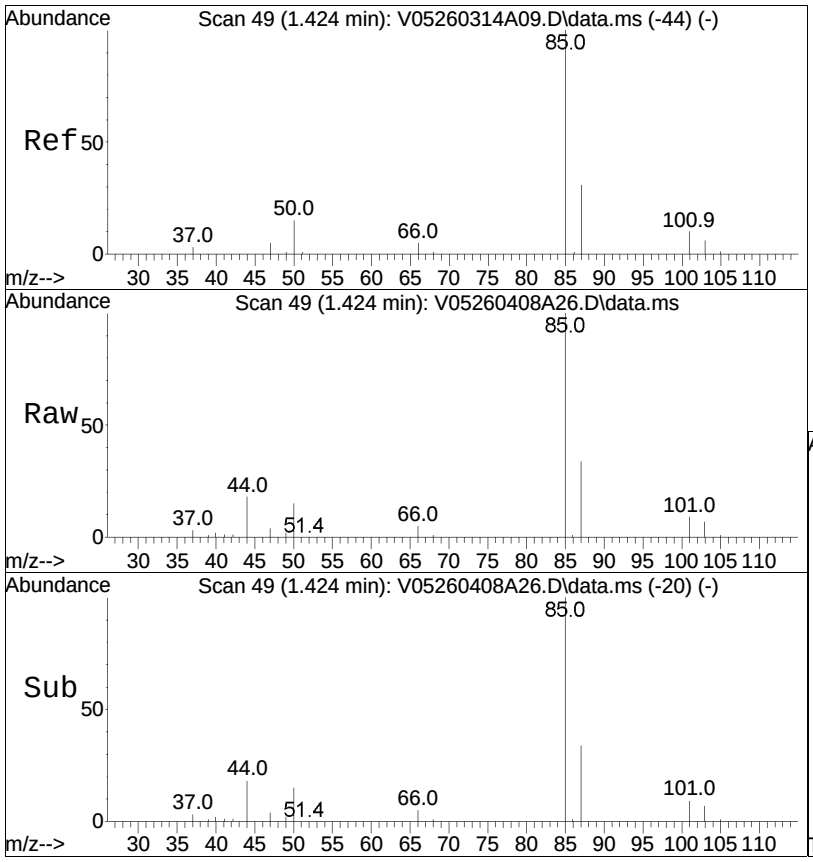
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A26.D
Acq On : 8 Apr 2026 7:54 pm
Operator : VOA105:MJV
Sample : WG2196004-6,31,10,10,,a1 (Sig #1); l2617421-03MS,31,10,10,,a1 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 09 06:36:43 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•

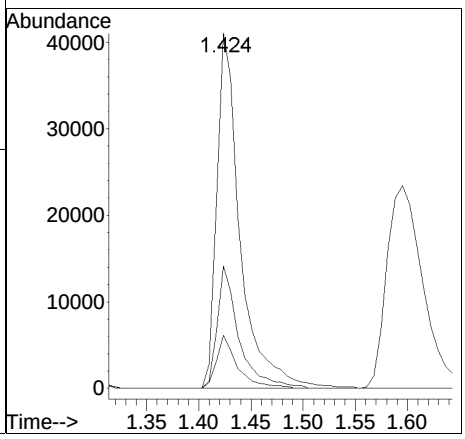


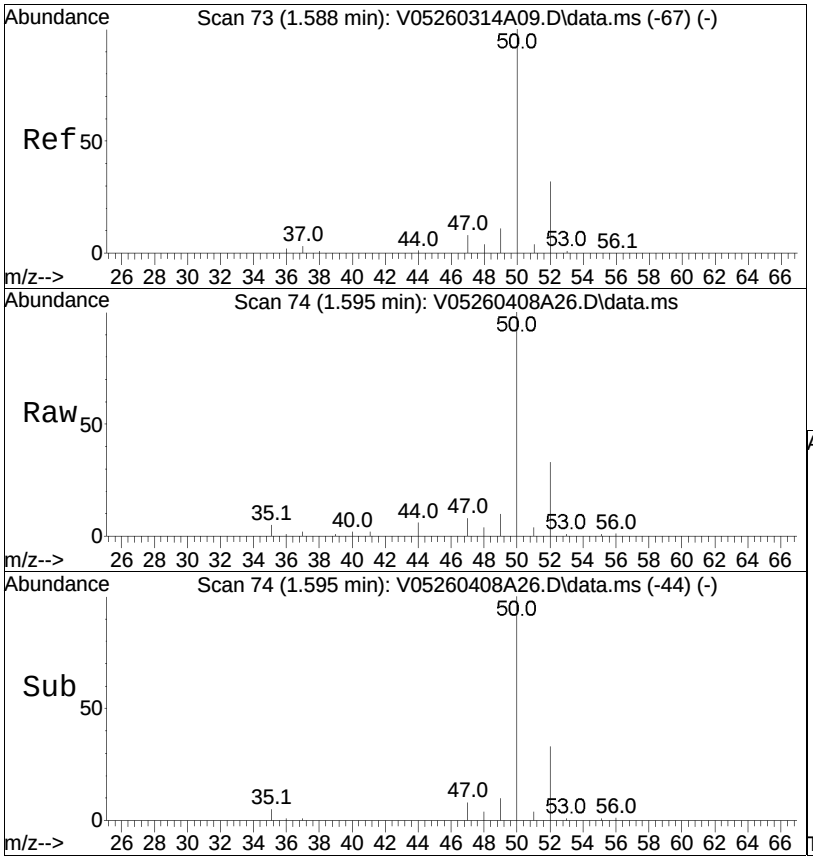


#2
Dichlorodifluoromethane
Concen: 13.20 ug/L
RT: 1.424 min Scan# 49
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 85 Resp: 64155

Ion	Ratio	Lower	Upper
85	100		
87	32.0	20.7	43.1
50	13.4	9.8	20.4

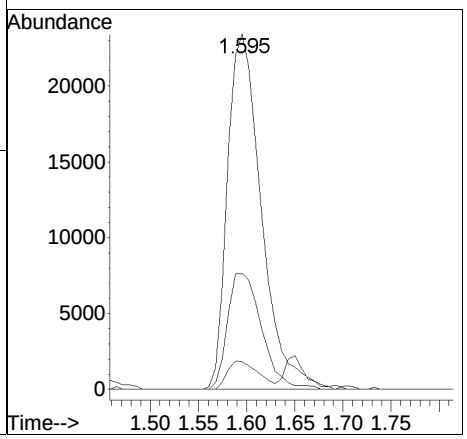


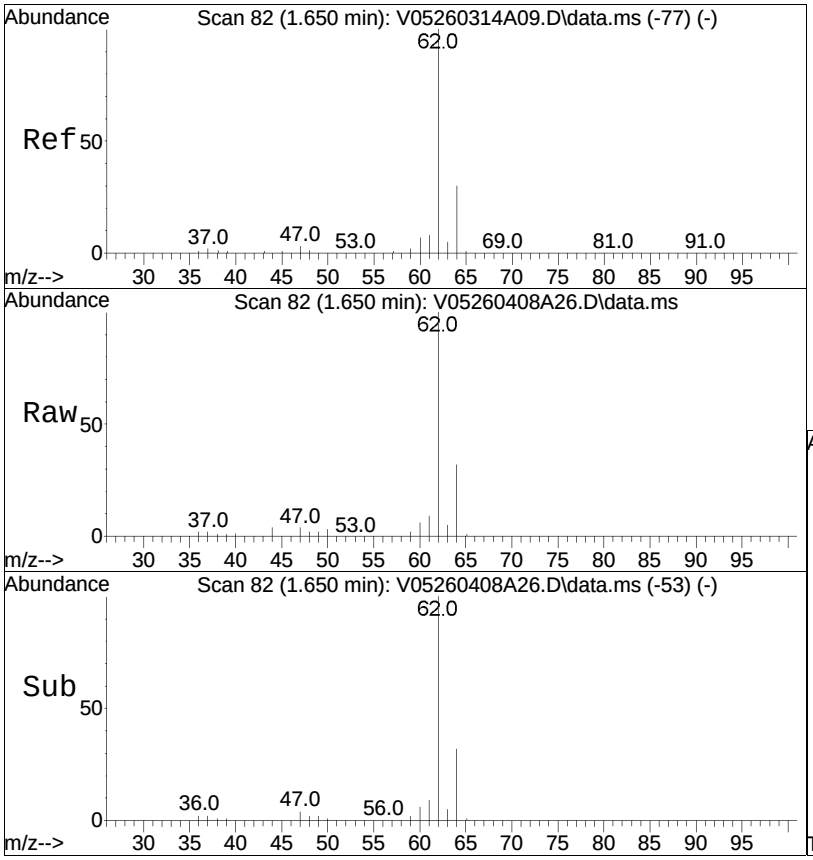


#3
Chloromethane
Concen: 9.58 ug/L
RT: 1.595 min Scan# 74
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 50 Resp: 57731

Ion	Ratio	Lower	Upper
50	100		
52	32.7	12.8	52.8
47	7.3	0.0	27.9

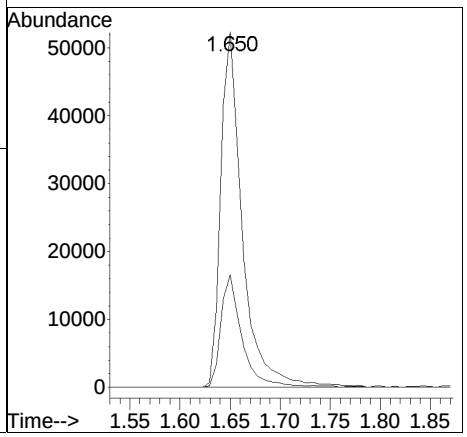


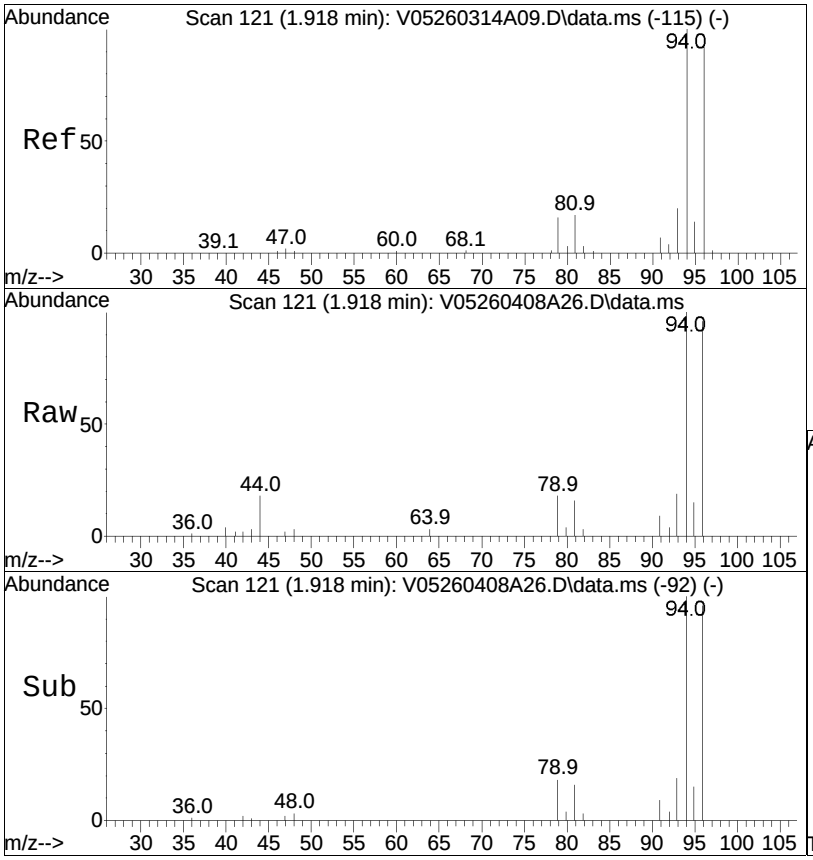


#4
Vinyl chloride
Concen: 13.31 ug/L
RT: 1.650 min Scan# 82
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 62 Resp: 79047

Ion	Ratio	Lower	Upper
62	100		
64	31.1	10.4	50.4

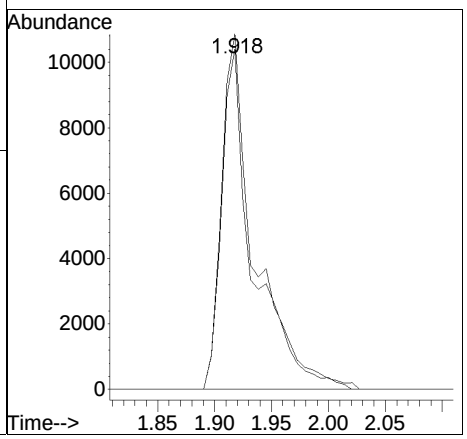


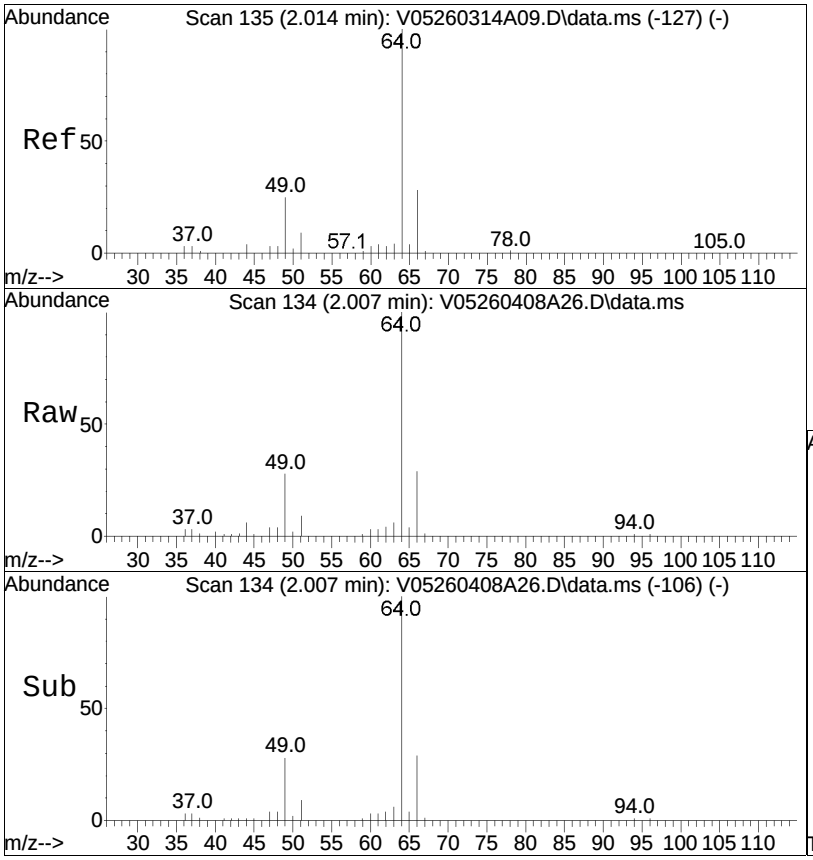


#5
Bromomethane
Concen: 7.38 ug/L
RT: 1.918 min Scan# 121
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 94 Resp: 22025

Ion	Ratio	Lower	Upper
94	100		
96	91.5	70.2	110.2

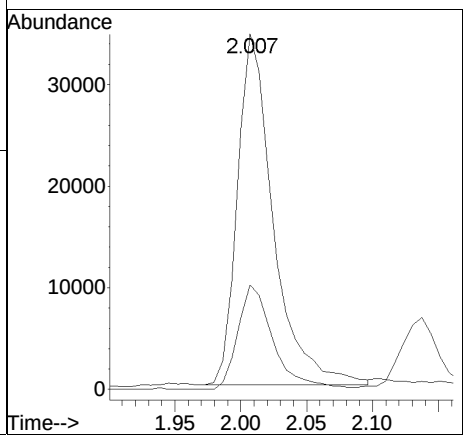


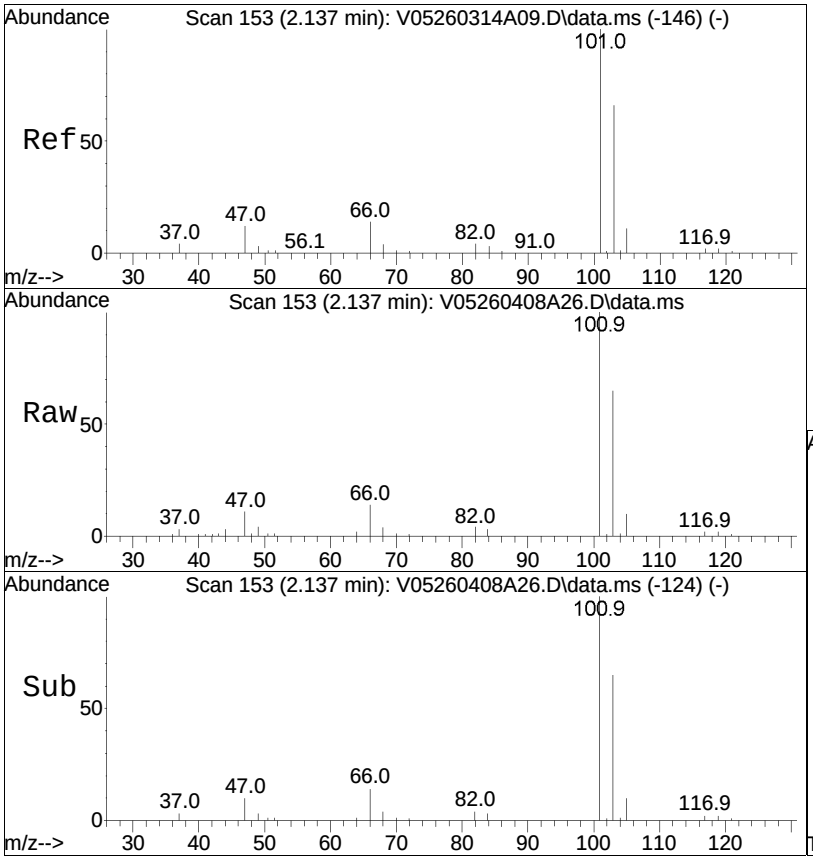


#6
Chloroethane
Concen: 16.38 ug/L
RT: 2.007 min Scan# 134
Delta R.T. -0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 64 Resp: 65485

Ion	Ratio	Lower	Upper
64	100		
66	29.5	11.1	51.1

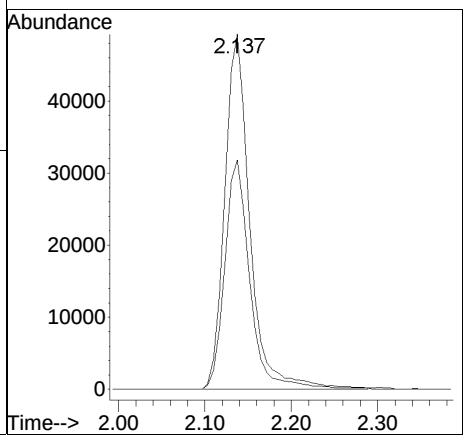


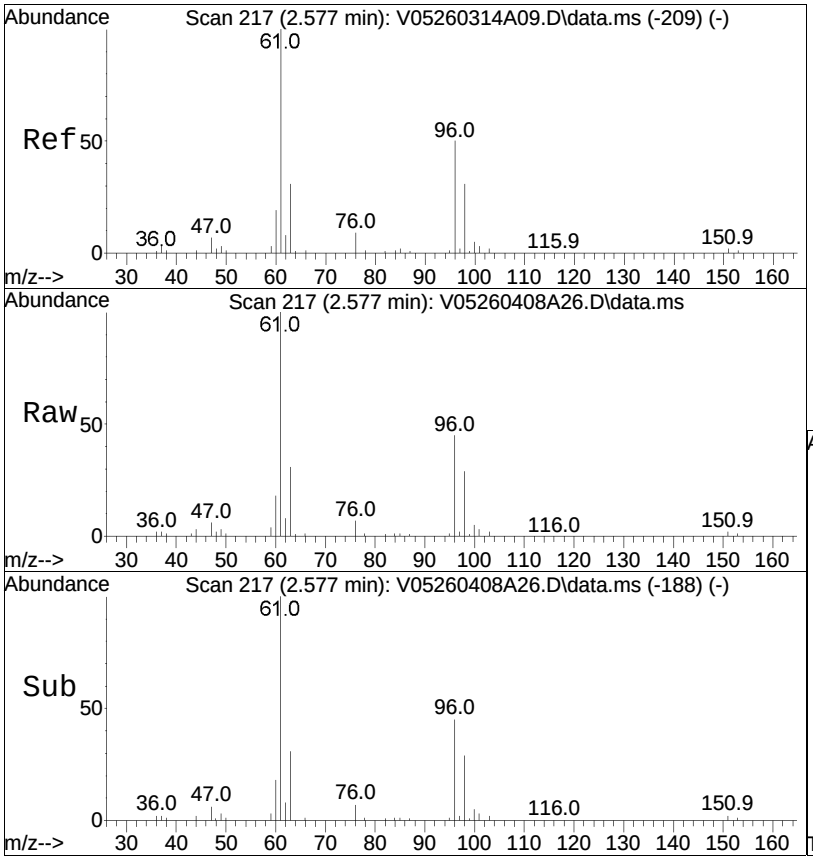


#7
Trichlorofluoromethane
Concen: 14.37 ug/L
RT: 2.137 min Scan# 153
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:101 Resp: 100009

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.8	77.6

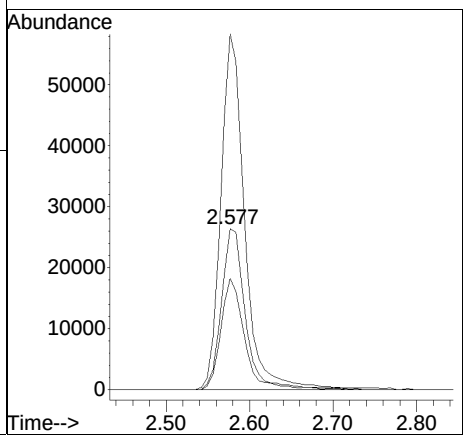


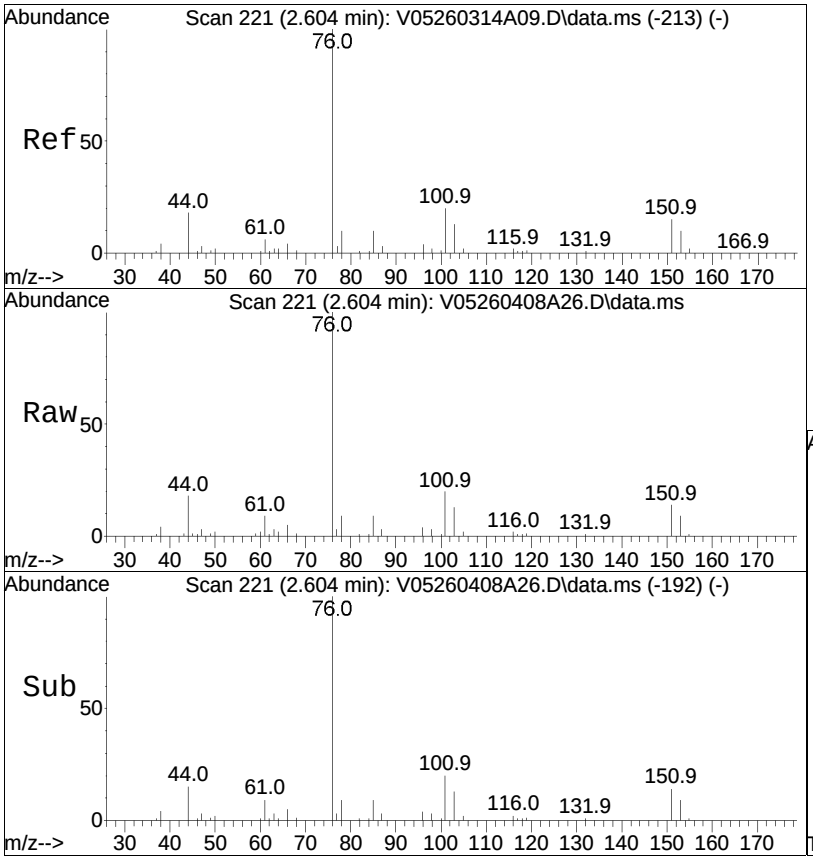


#10
1,1-Dichloroethene
Concen: 12.05 ug/L
RT: 2.577 min Scan# 217
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 96 Resp: 52652

Ion	Ratio	Lower	Upper
96	100		
61	218.1	159.3	238.9
63	66.7	50.3	75.5

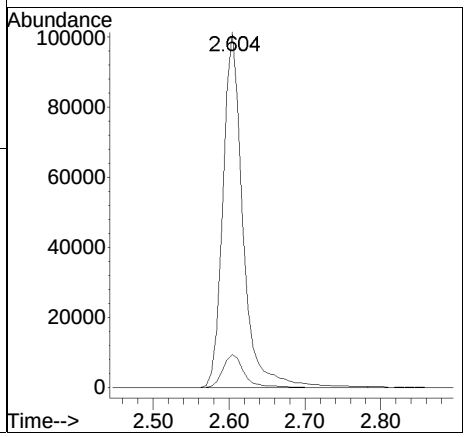


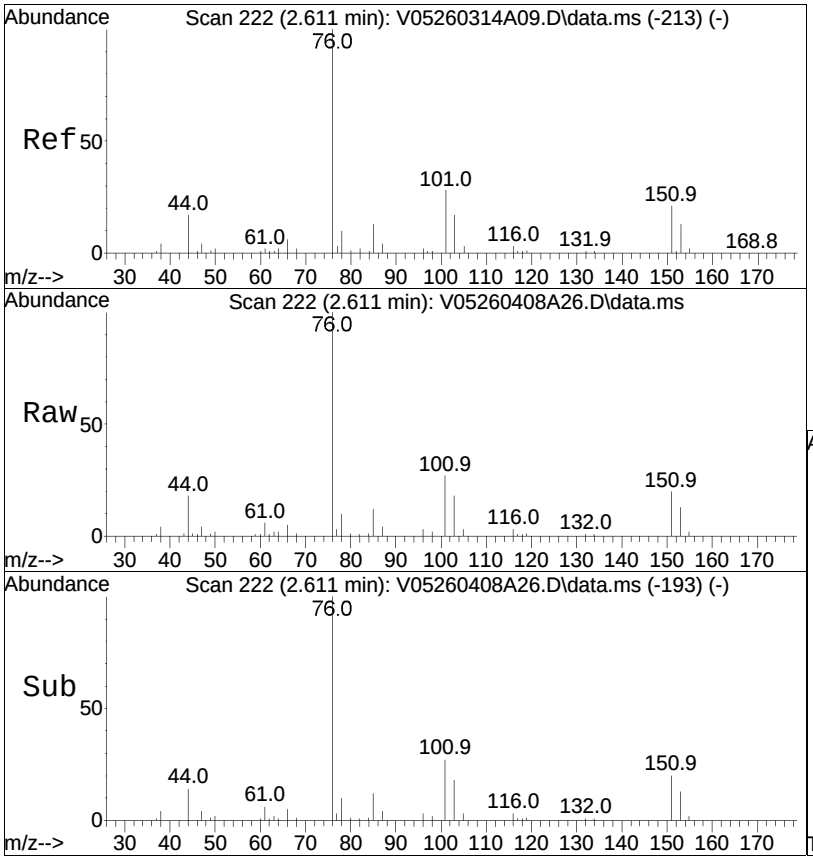


#11
Carbon disulfide
Concen: 12.89 ug/L
RT: 2.604 min Scan# 221
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 76 Resp: 185966

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.6	13.6

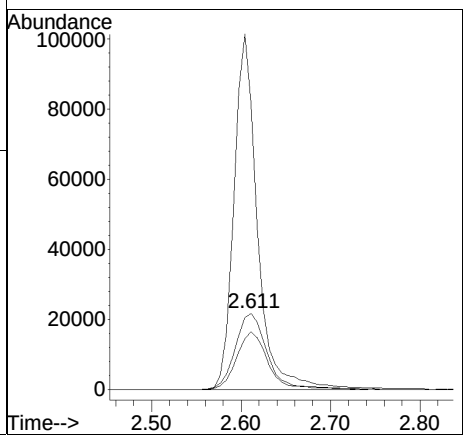


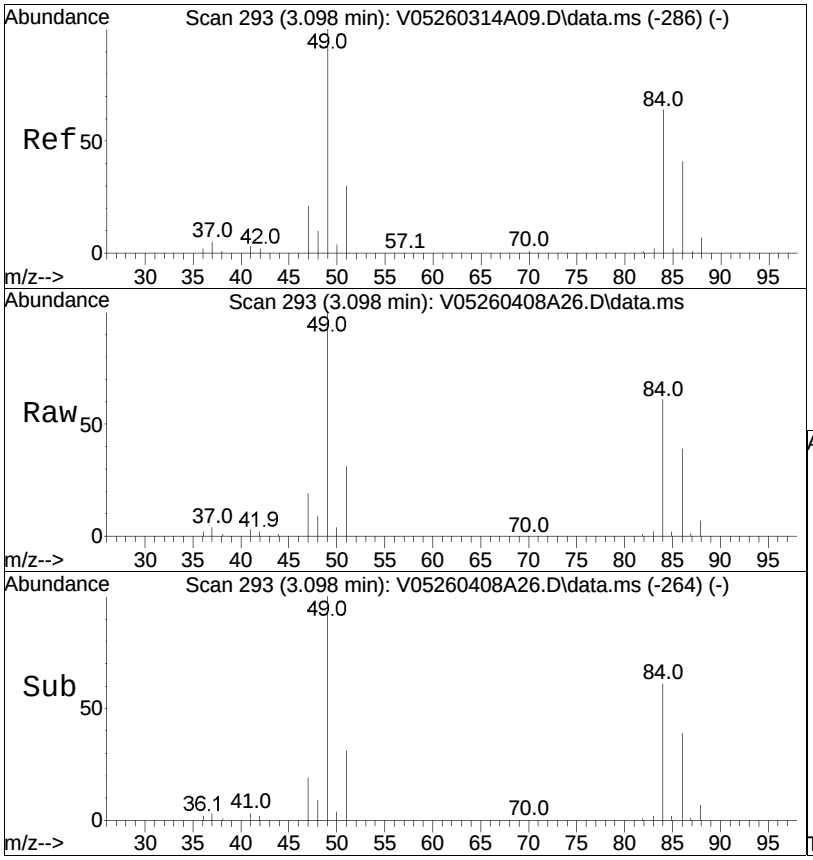


#12
Freon-113
Concen: 13.21 ug/L
RT: 2.611 min Scan# 222
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:101 Resp: 54036

Ion	Ratio	Lower	Upper
101	100		
151	73.6	59.4	89.0
76	344.3	294.9	442.3

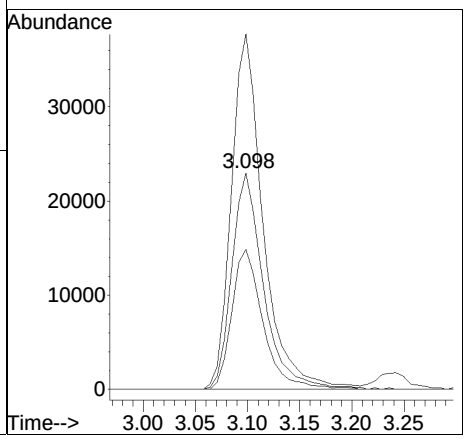


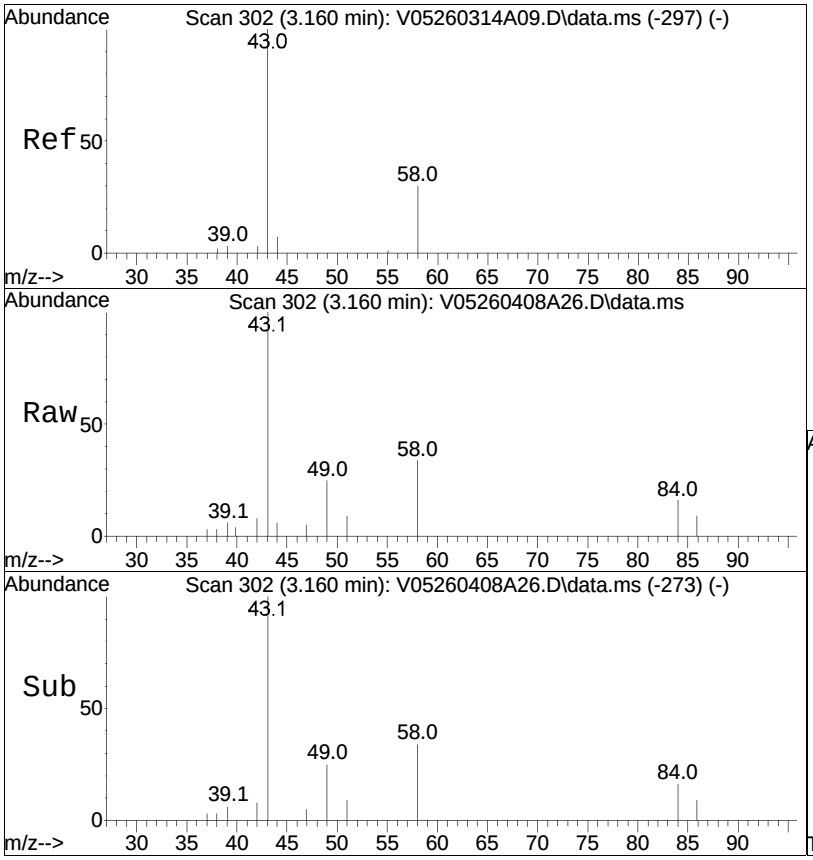


#15
Methylene chloride
Concen: 10.22 ug/L
RT: 3.098 min Scan# 293
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 84 Resp: 48764

Ion	Ratio	Lower	Upper
84	100		
86	63.8	42.0	87.2
49	164.1	100.2	208.2

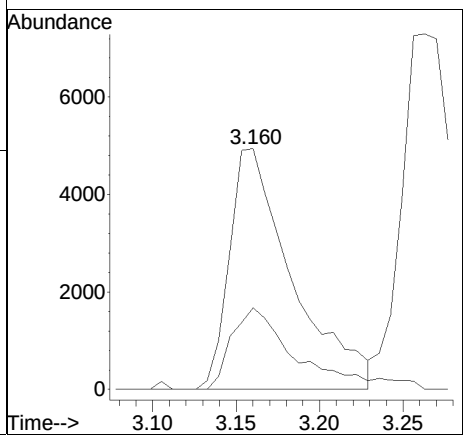


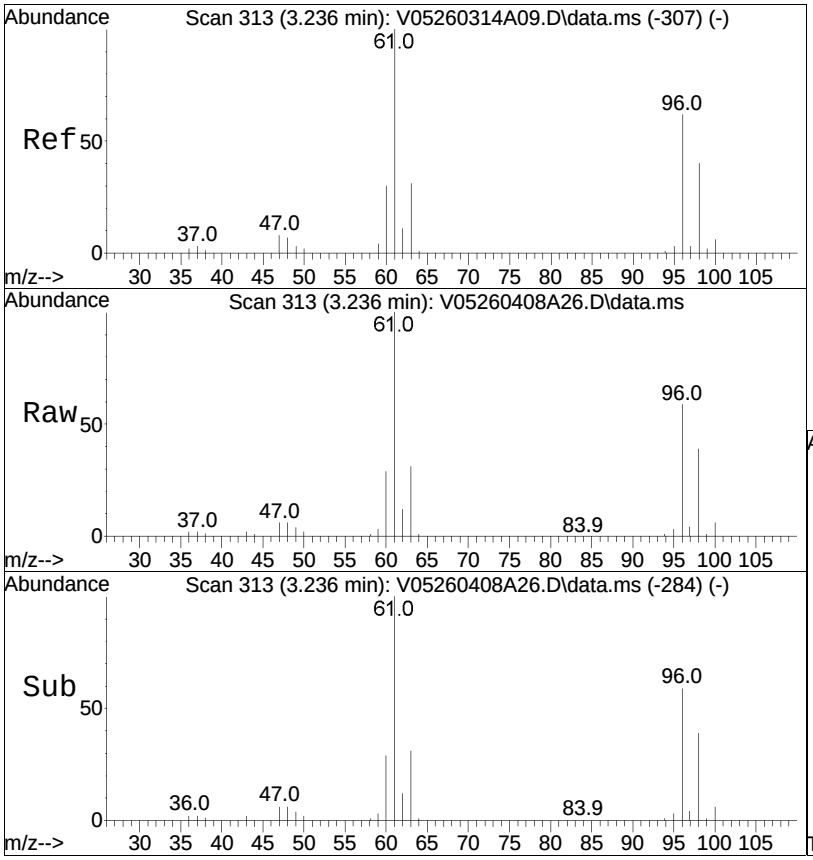


#17
Acetone
Concen: 16.22 ug/L
RT: 3.160 min Scan# 302
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 43 Resp: 12979

Ion	Ratio	Lower	Upper
43	100		
58	35.7	24.7	37.1

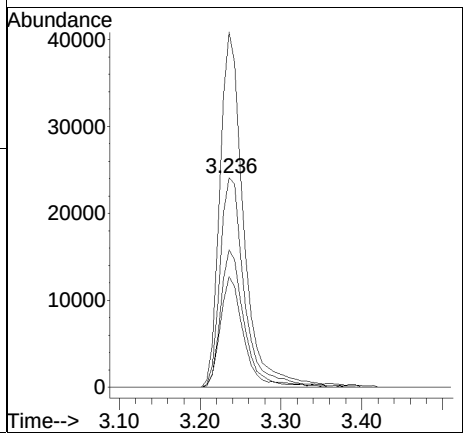


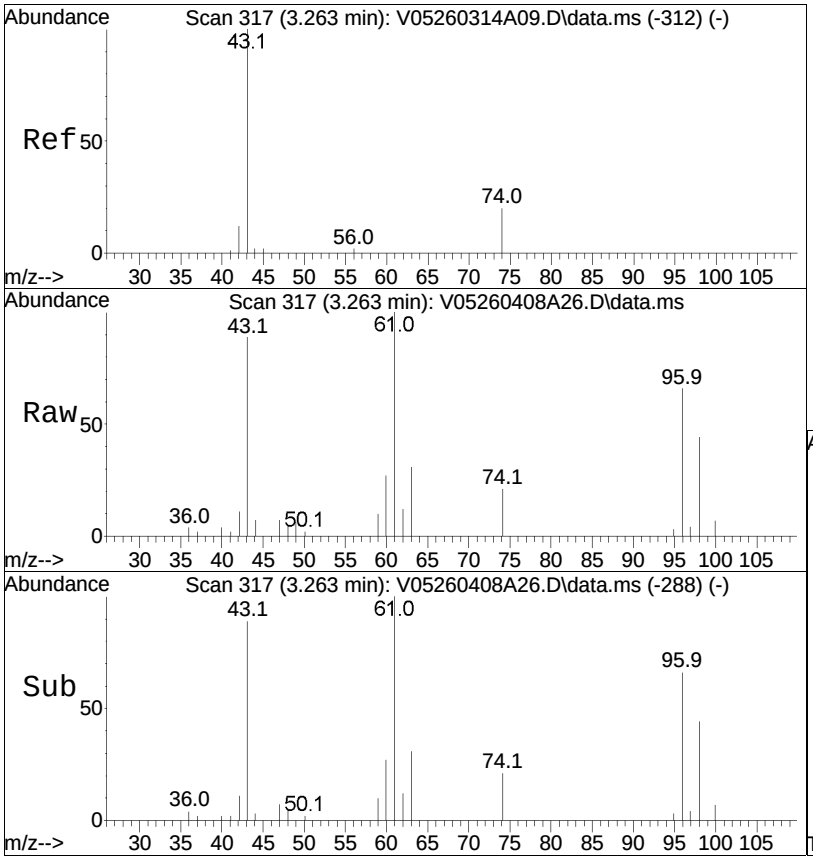


#18
trans-1,2-Dichloroethene
Concen: 11.14 ug/L
RT: 3.236 min Scan# 313
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 96 Resp: 51277

Ion	Ratio	Lower	Upper
96	100		
61	165.5	105.1	218.3
98	63.6	41.5	86.3
63	50.4	33.4	69.4

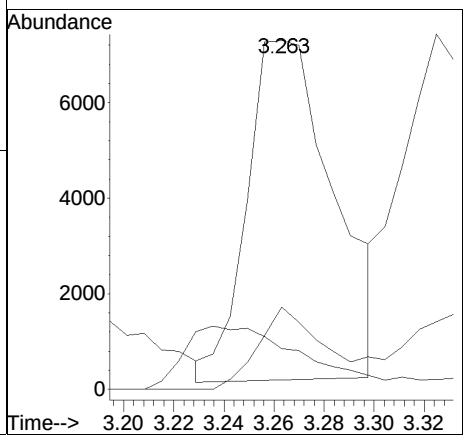


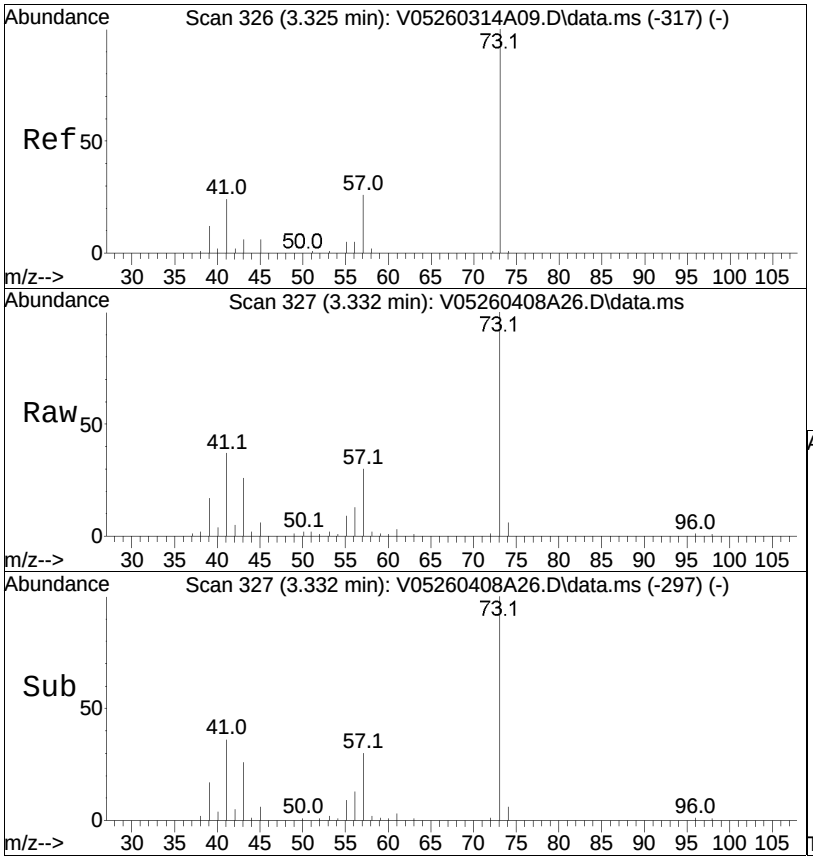


#19
Methyl acetate
Concen: 9.12 ug/L
RT: 3.263 min Scan# 317
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 43 Resp: 17085

Ion	Ratio	Lower	Upper
43	100		
74	17.9	17.1	25.7
59	28.4	21.7	32.5

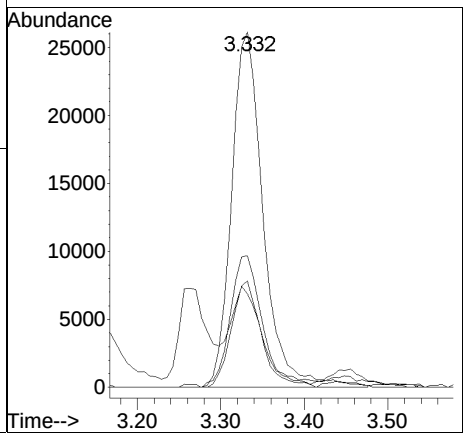


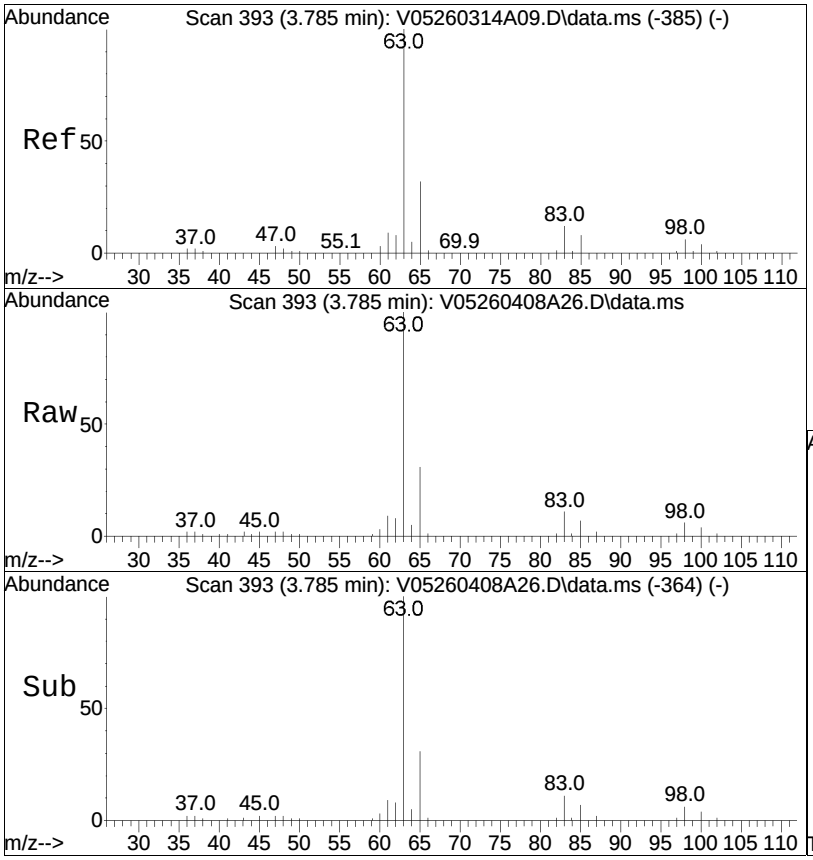


#20
Methyl tert-butyl ether
Concen: 6.63 ug/L
RT: 3.332 min Scan# 327
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 73 Resp: 69092

Ion	Ratio	Lower	Upper
73	100		
57	28.4	16.3	33.8
43	26.4	18.3	37.9
41	37.4	16.1	33.5#

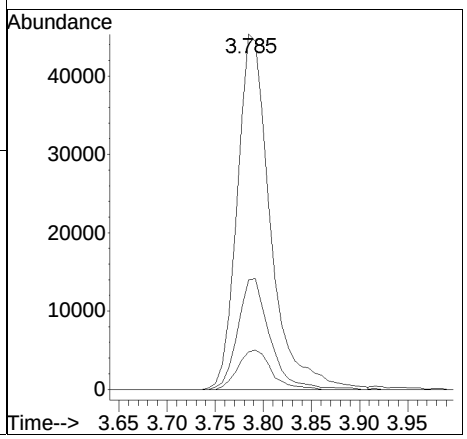


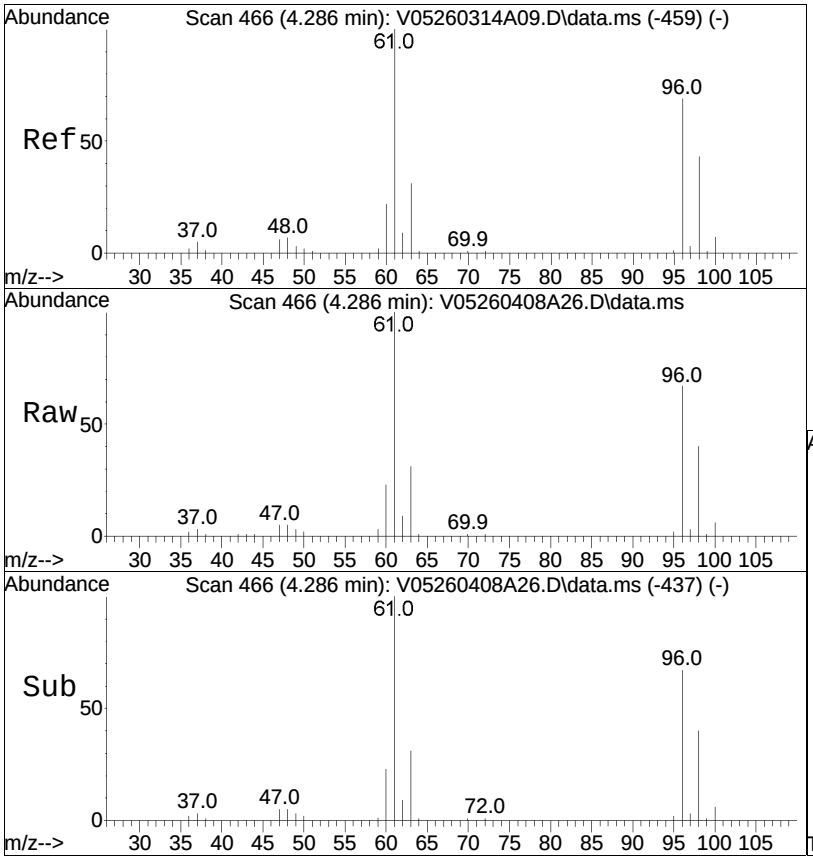


#23
1,1-Dichloroethane
Concen: 11.64 ug/L
RT: 3.785 min Scan# 393
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 63 Resp: 108516

Ion	Ratio	Lower	Upper
63	100		
65	30.1	10.6	50.6
83	11.2	0.0	32.4

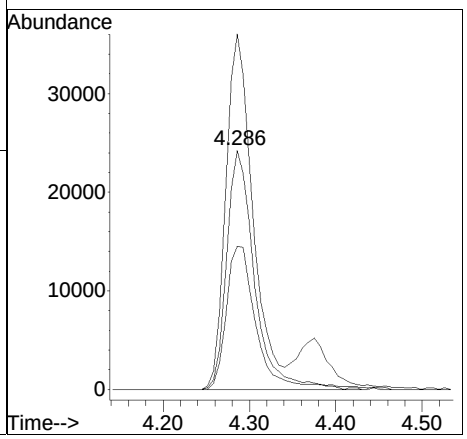


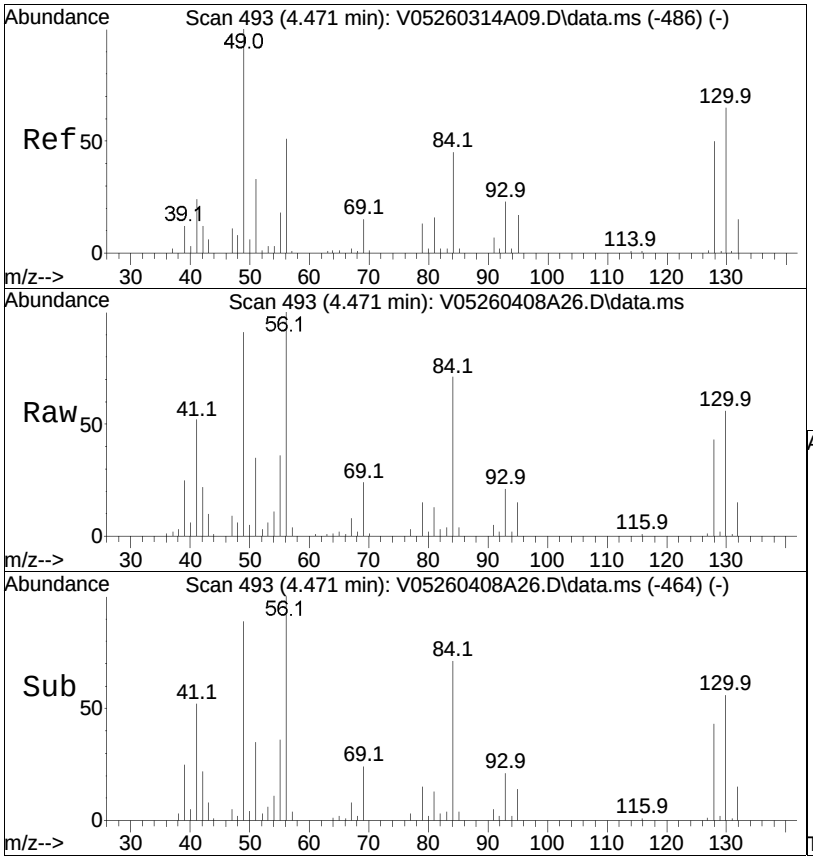


#28
cis-1,2-Dichloroethene
Concen: 10.66 ug/L
RT: 4.286 min Scan# 466
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 96 Resp: 54650

Ion	Ratio	Lower	Upper
96	100		
61	143.0	111.9	167.9
98	63.4	48.4	72.6

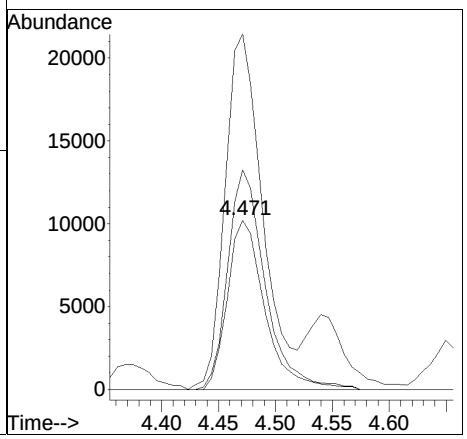


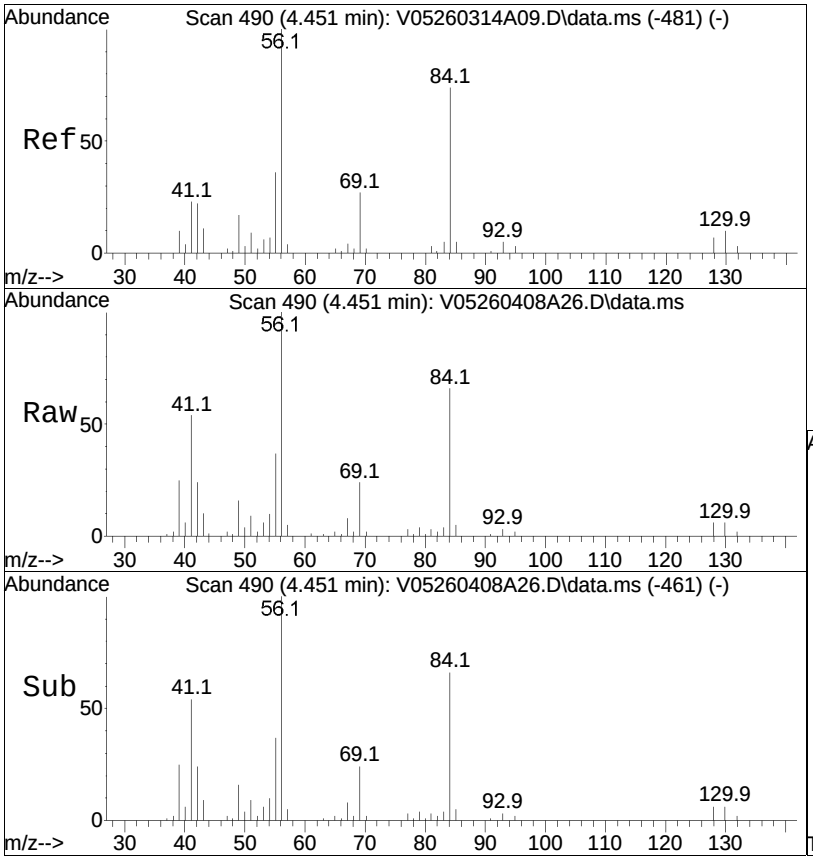


#30
Bromochloromethane
Concen: 11.05 ug/L
RT: 4.471 min Scan# 493
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:128 Resp: 23386

Ion	Ratio	Lower	Upper
128	100		
49	210.6	160.8	241.2
130	129.6	102.7	154.1

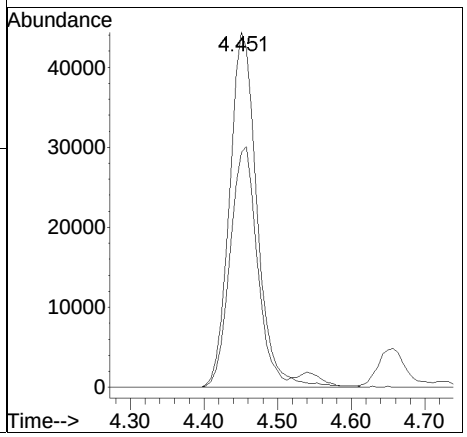


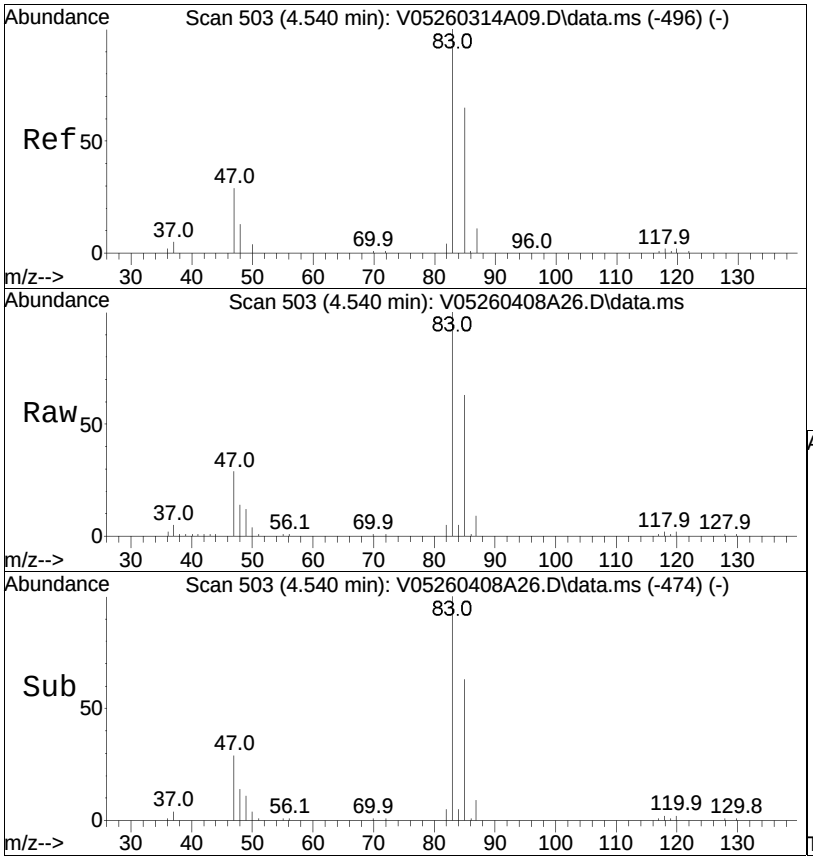


#31
Cyclohexane
Concen: 12.14 ug/L
RT: 4.451 min Scan# 490
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 56 Resp: 115395

Ion	Ratio	Lower	Upper
56	100		
84	67.1	47.6	99.0

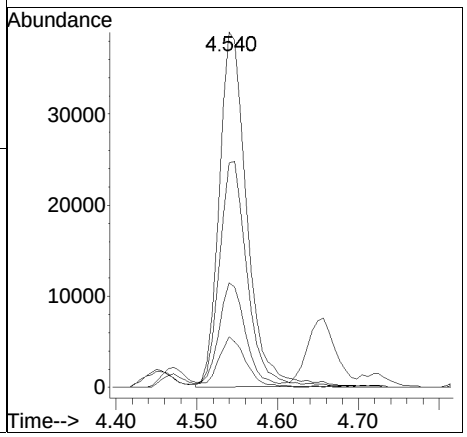


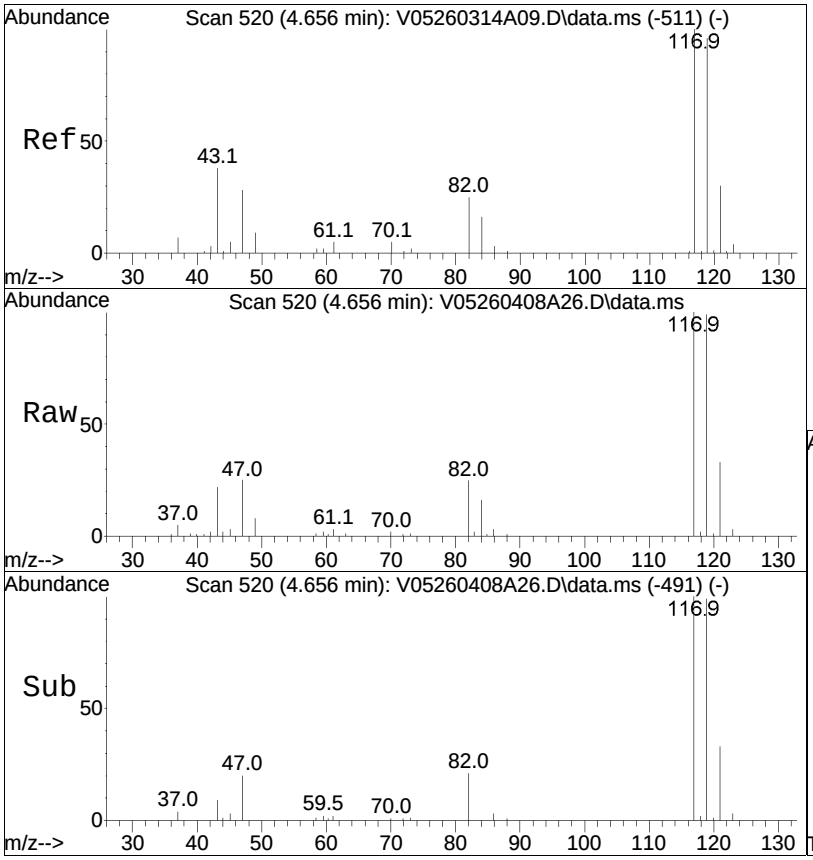


#32
Chloroform
Concen: 10.82 ug/L
RT: 4.540 min Scan# 503
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 83 Resp: 93053

Ion	Ratio	Lower	Upper
83	100		
85	64.8	41.9	87.1
47	26.6	18.5	38.5
48	14.1	10.0	20.8

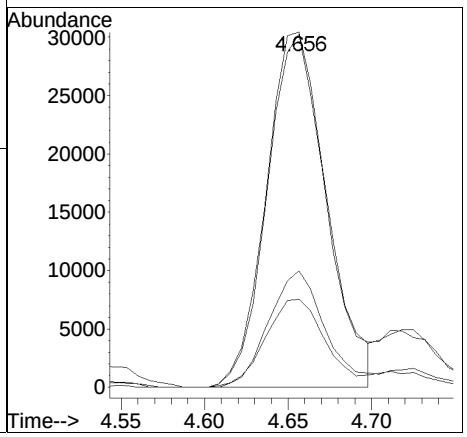


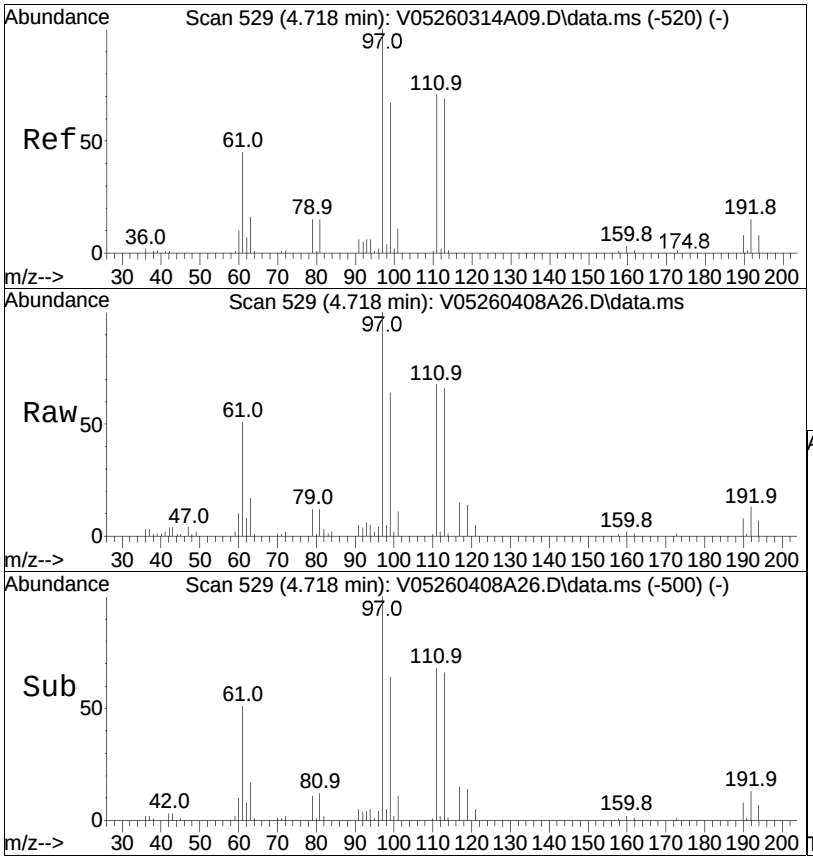


#34
Carbon tetrachloride
Concen: 11.34 ug/L
RT: 4.656 min Scan# 520
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:117 Resp: 77007

Ion	Ratio	Lower	Upper
117	100		
119	96.4	64.0	133.0
121	31.1	19.9	41.3
82	24.9	16.9	35.1

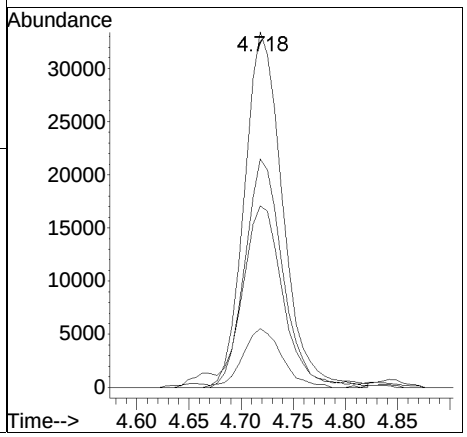


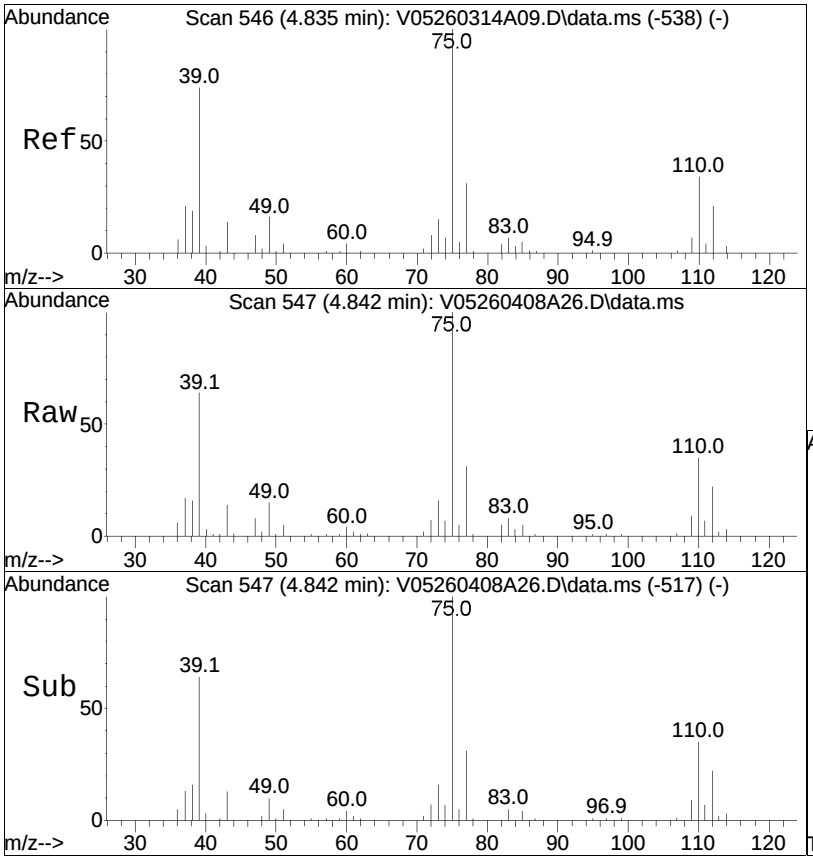


#37
1,1,1-Trichloroethane
Concen: 11.22 ug/L
RT: 4.718 min Scan# 529
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 97 Resp: 85614

Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.3	87.9
61	56.1	35.0	72.6
63	16.7	10.5	21.7

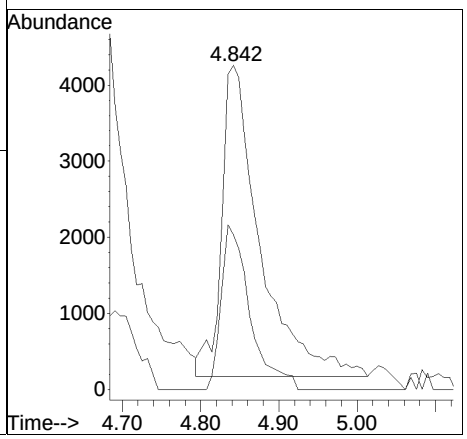


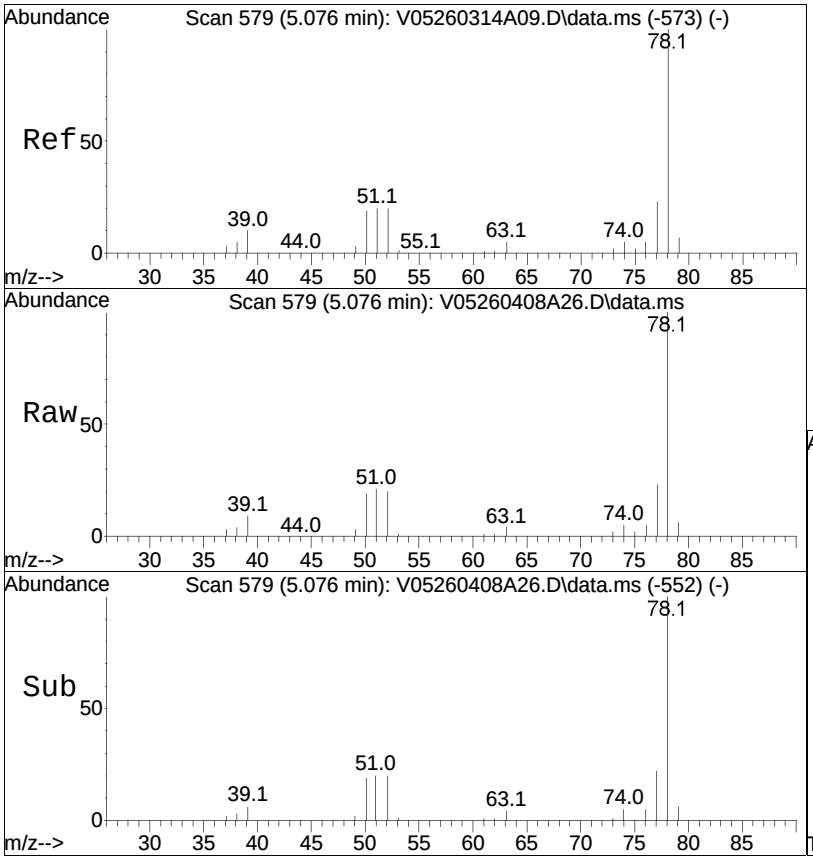


#39
2-Butanone
Concen: 11.87 ug/L
RT: 4.842 min Scan# 547
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 43 Resp: 13944

Ion	Ratio	Lower	Upper
43	100		
72	39.7	39.2	58.8

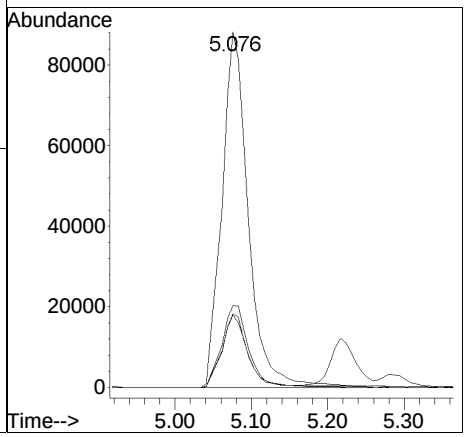


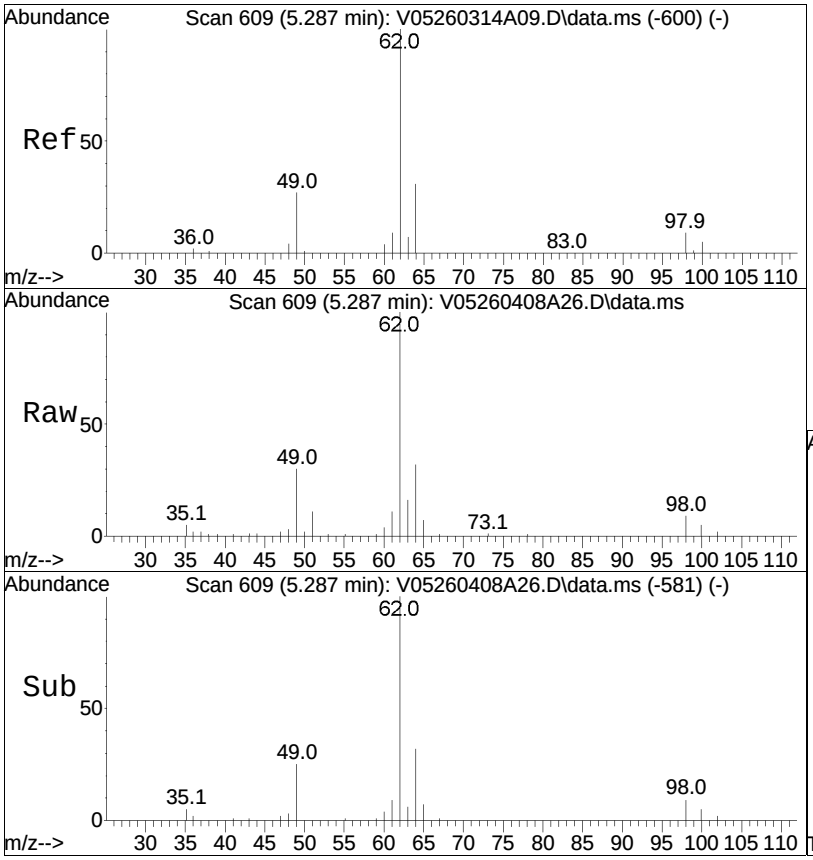


#41
Benzene
Concen: 11.17 ug/L
RT: 5.076 min Scan# 579
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 78 Resp: 206059

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.5	32.1
51	21.1	13.6	28.2
52	20.5	12.8	26.6

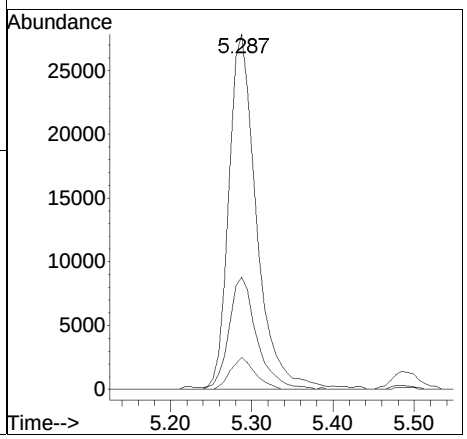


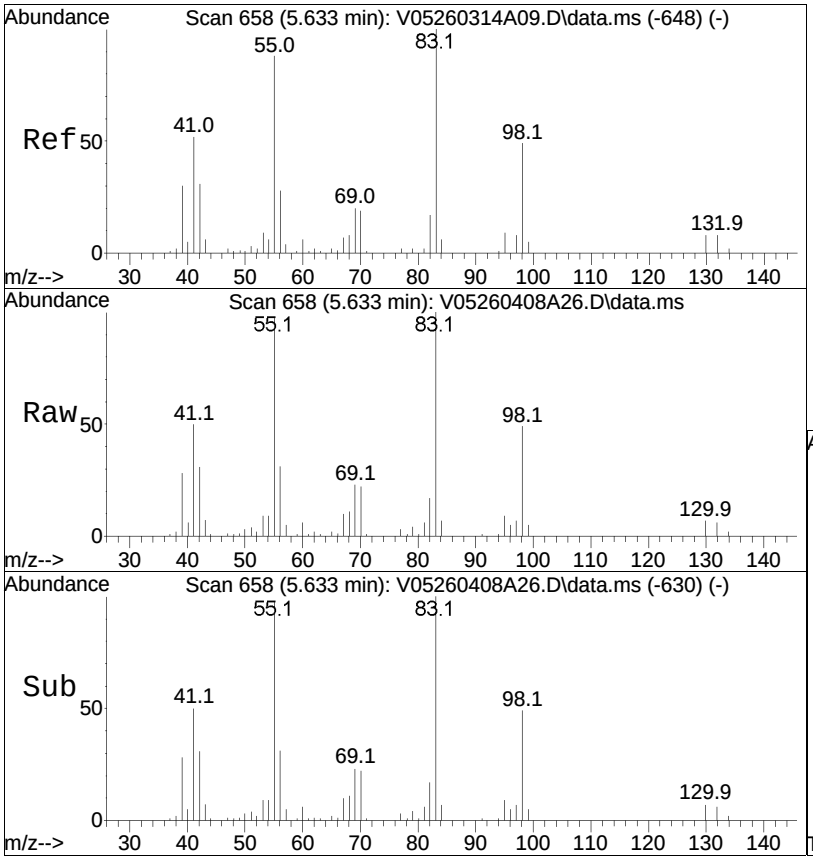


#44
1,2-Dichloroethane
Concen: 10.67 ug/L
RT: 5.287 min Scan# 609
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 62 Resp: 66506

Ion	Ratio	Lower	Upper
62	100		
64	31.7	12.5	52.5
98	8.1	0.0	28.2

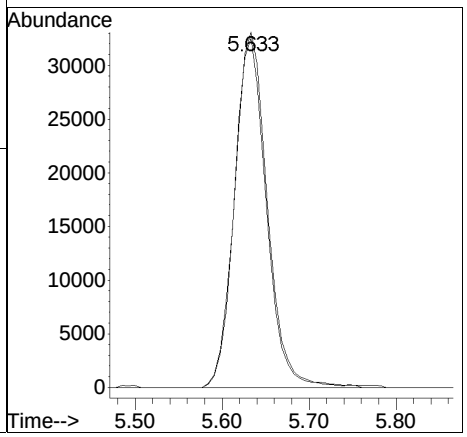


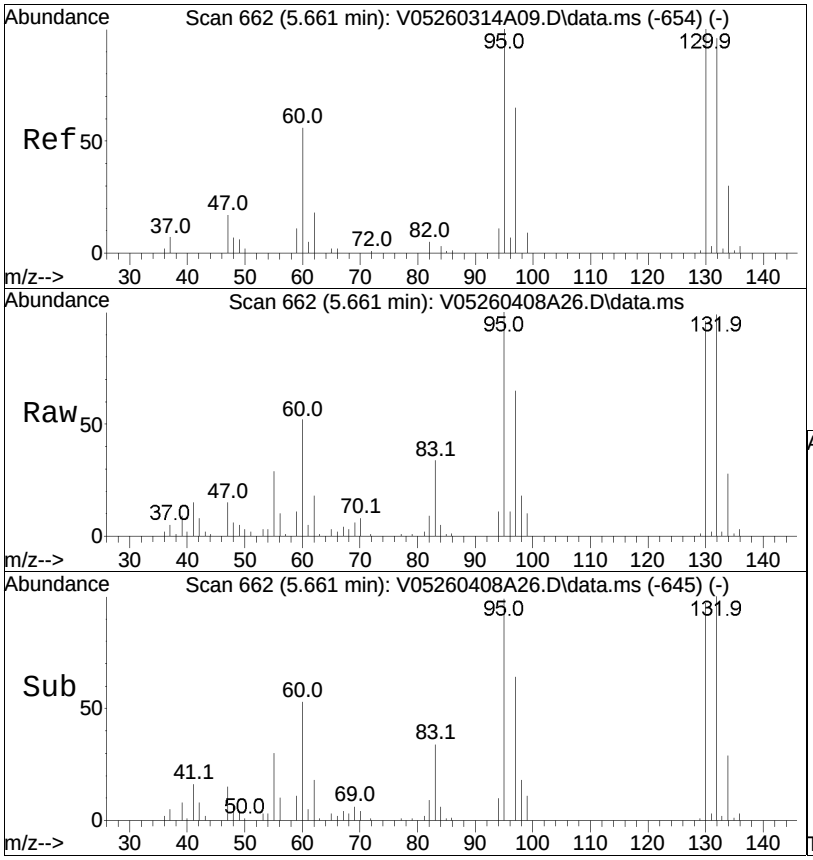


#47
Methyl cyclohexane
Concen: 10.65 ug/L
RT: 5.633 min Scan# 658
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 83 Resp: 85850

Ion	Ratio	Lower	Upper
83	100		
55	97.3	73.4	110.2

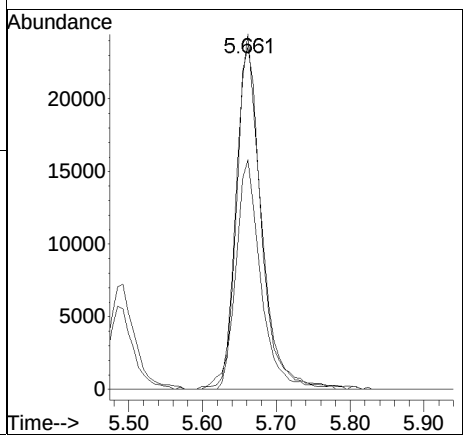


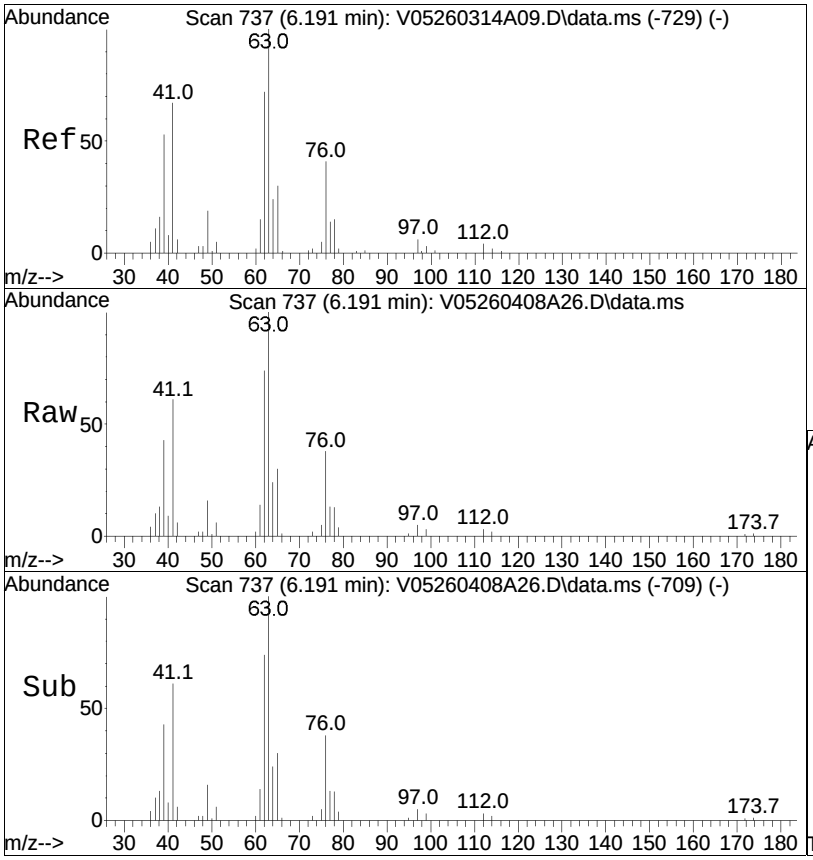


#48
Trichloroethene
Concen: 10.93 ug/L
RT: 5.661 min Scan# 662
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 95 Resp: 57026

Ion	Ratio	Lower	Upper
95	100		
97	66.5	53.3	79.9
130	98.4	81.0	121.4

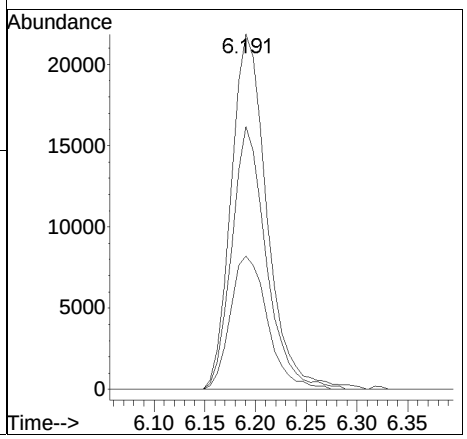


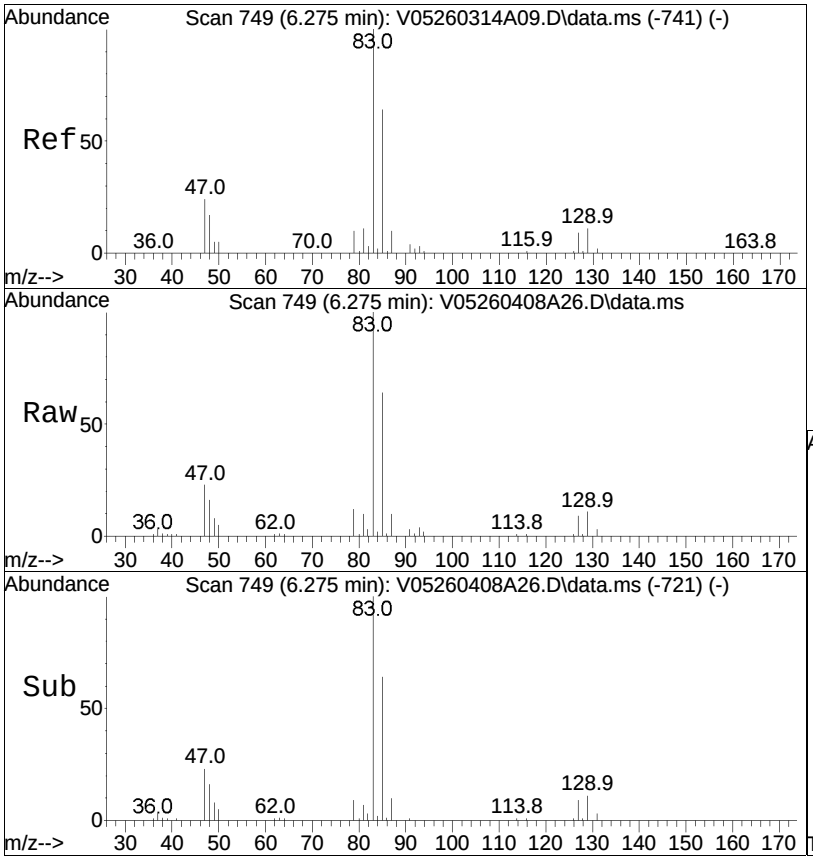


#51
1,2-Dichloropropane
Concen: 10.77 ug/L
RT: 6.191 min Scan# 737
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 63 Resp: 53945

Ion	Ratio	Lower	Upper
63	100		
62	71.1	57.7	86.5
76	38.9	33.0	49.6

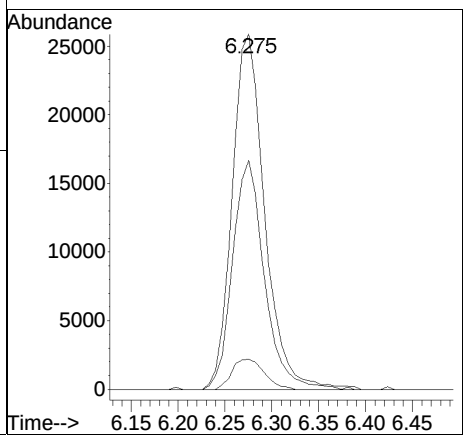


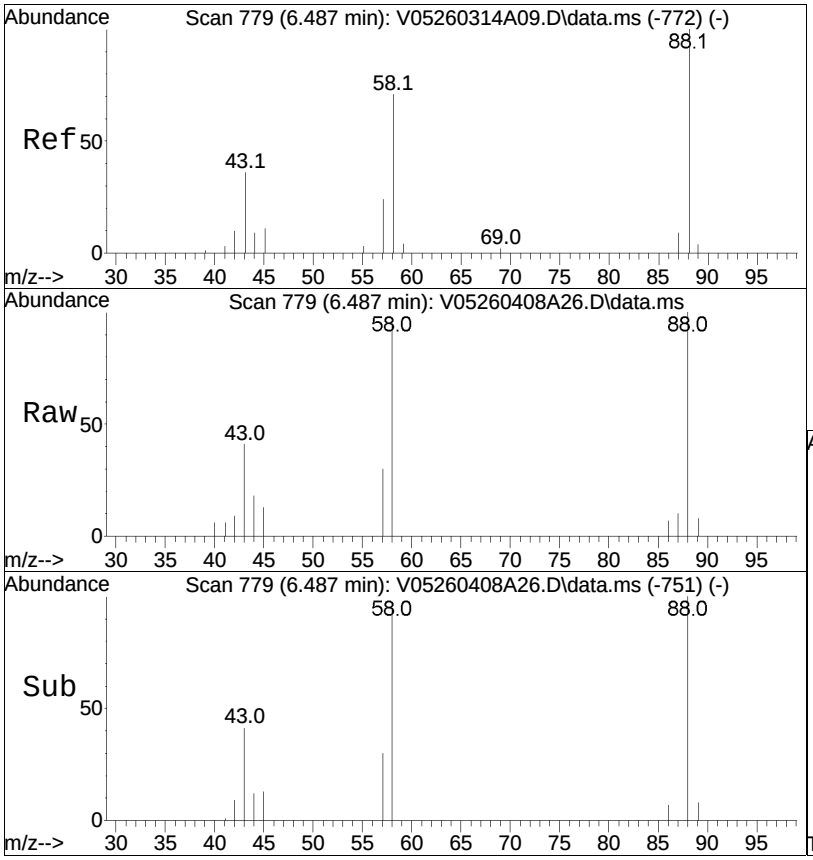


#54
Bromodichloromethane
Concen: 9.55 ug/L
RT: 6.275 min Scan# 749
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 83 Resp: 62541

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.9	76.3
127	8.5	6.5	9.7

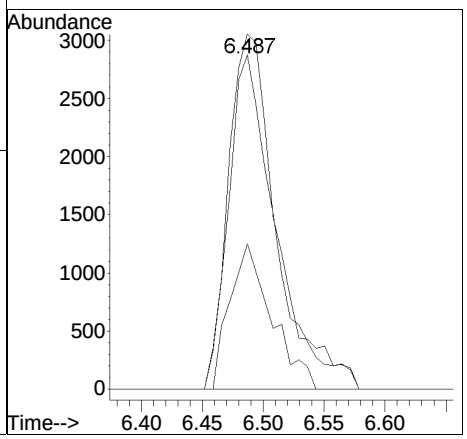


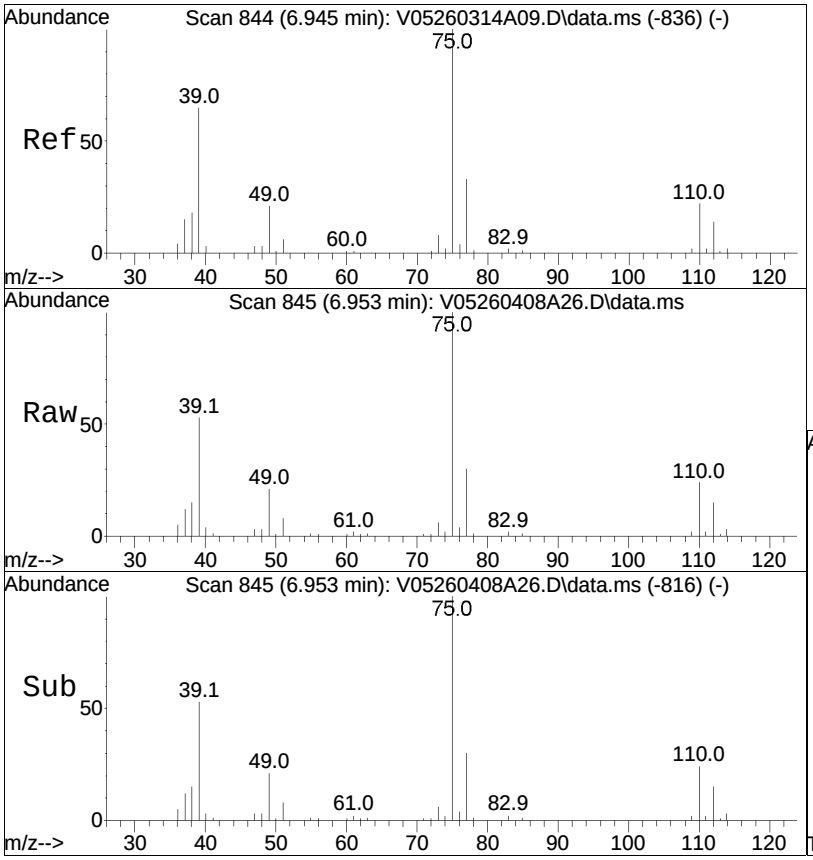


#57
1,4-Dioxane
Concen: 349.57 ug/L
RT: 6.487 min Scan# 779
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 88 Resp: 8508

Ion	Ratio	Lower	Upper
88	100		
58	90.0	62.0	93.0
43	35.3	29.3	43.9

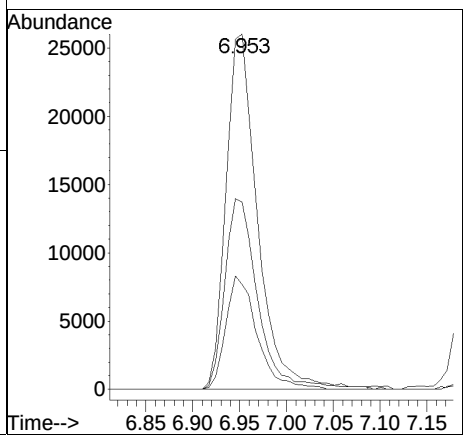


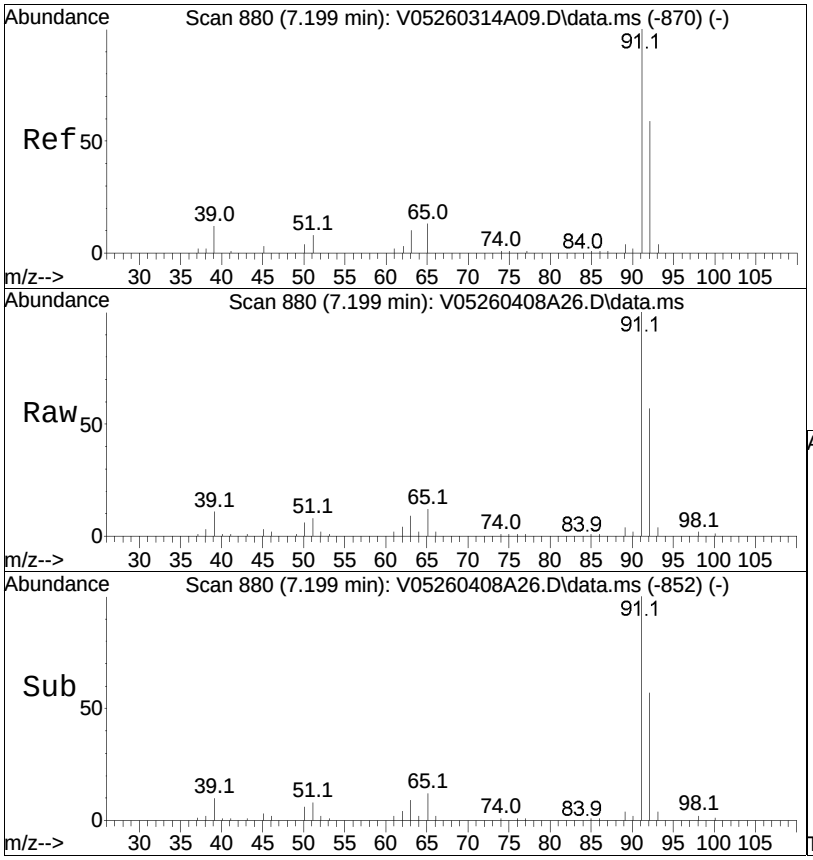


#58
cis-1,3-Dichloropropene
Concen: 8.56 ug/L
RT: 6.953 min Scan# 845
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 75 Resp: 61427

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	55.9	53.2	79.8

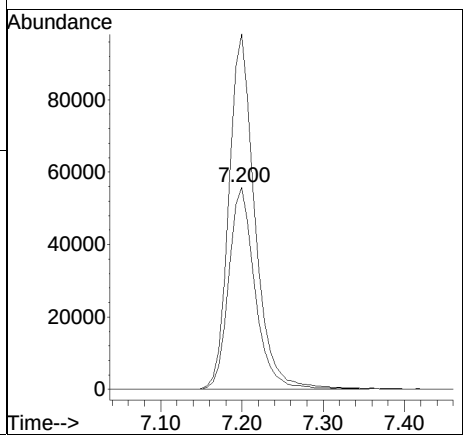


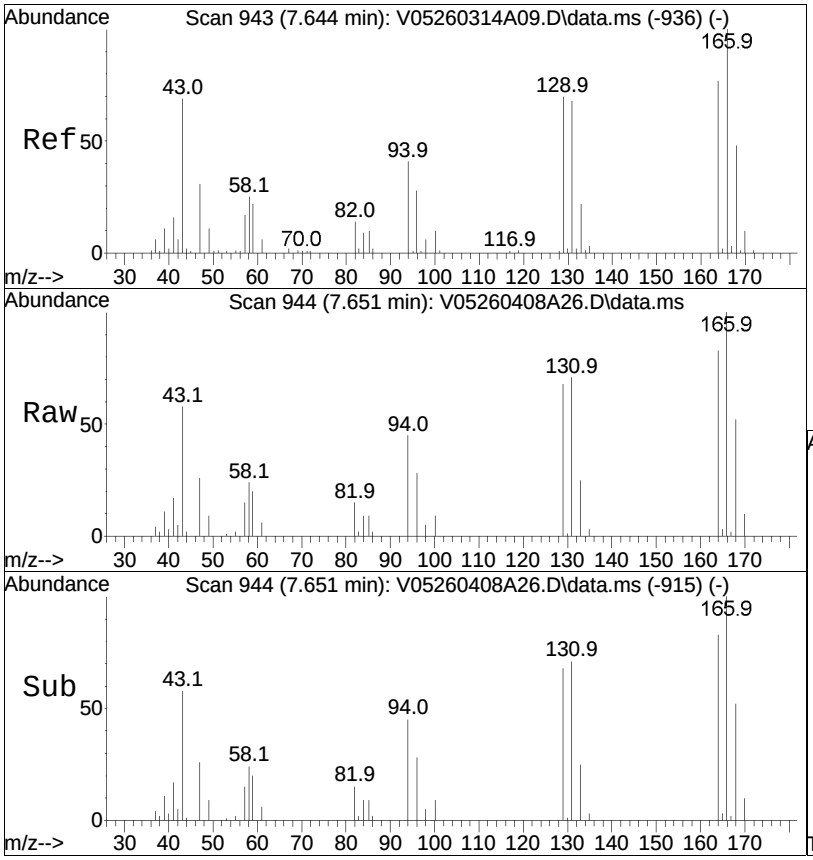


#61
Toluene
Concen: 10.20 ug/L
RT: 7.199 min Scan# 880
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 92 Resp: 126234

Ion	Ratio	Lower	Upper
92	100		
91	173.6	135.5	203.3

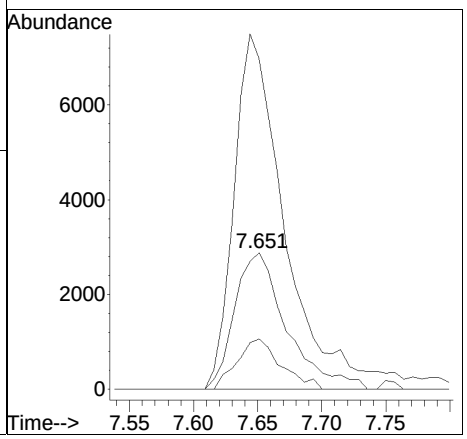


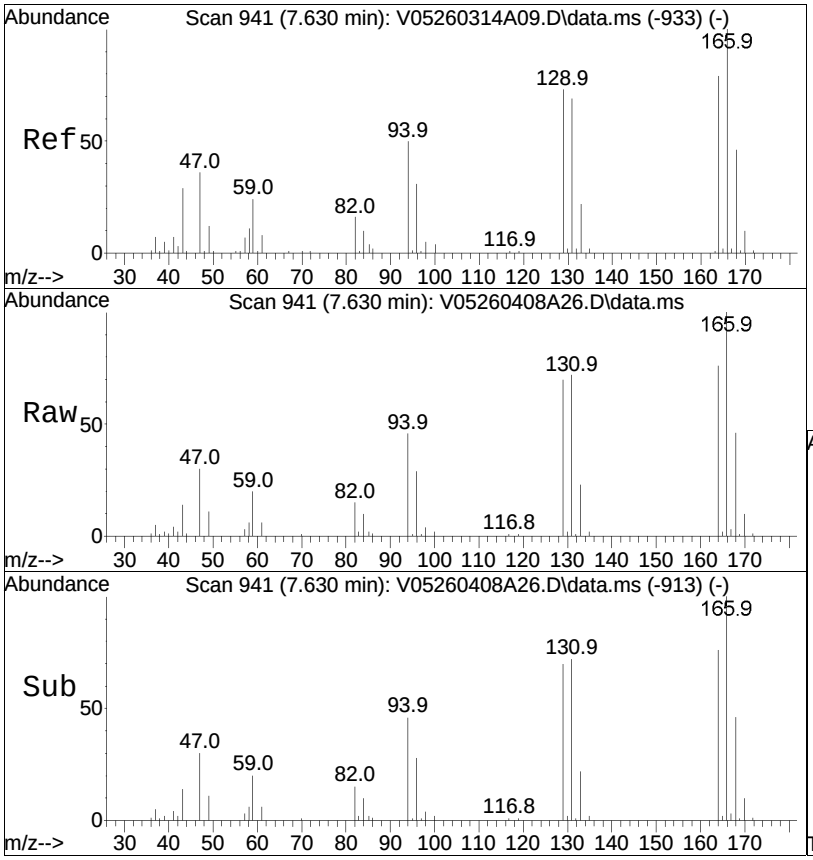


#62
4-Methyl-2-pentanone
Concen: 7.38 ug/L
RT: 7.651 min Scan# 944
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 58 Resp: 8154

Ion	Ratio	Lower	Upper
58	100		
100	31.3	27.6	41.4
43	262.1	214.2	321.2

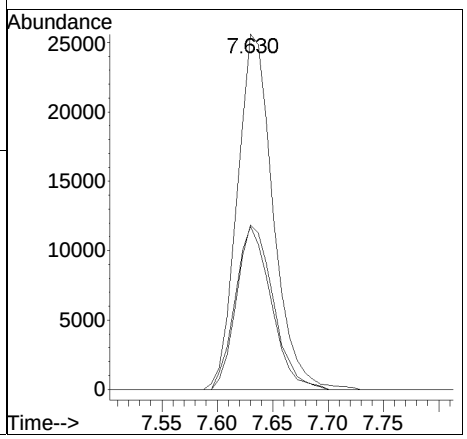


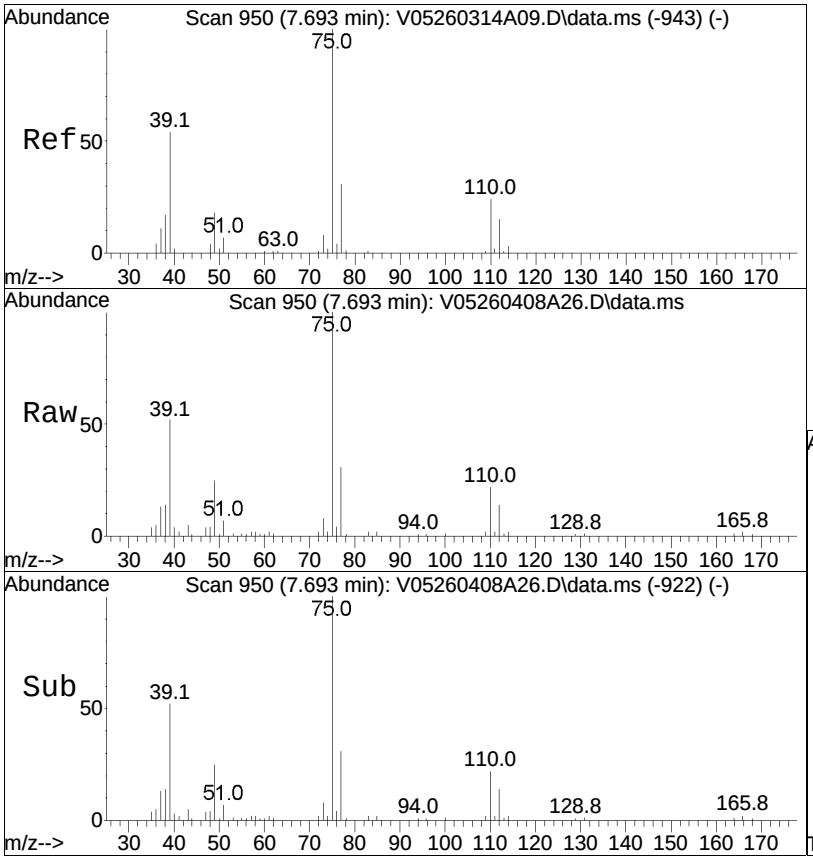


#63
Tetrachloroethene
Concen: 11.13 ug/L
RT: 7.630 min Scan# 941
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:166 Resp: 57775

Ion	Ratio	Lower	Upper
166	100		
168	47.2	27.8	67.8
94	46.0	27.4	67.4

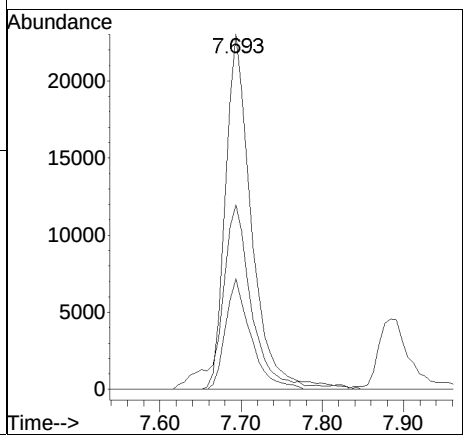


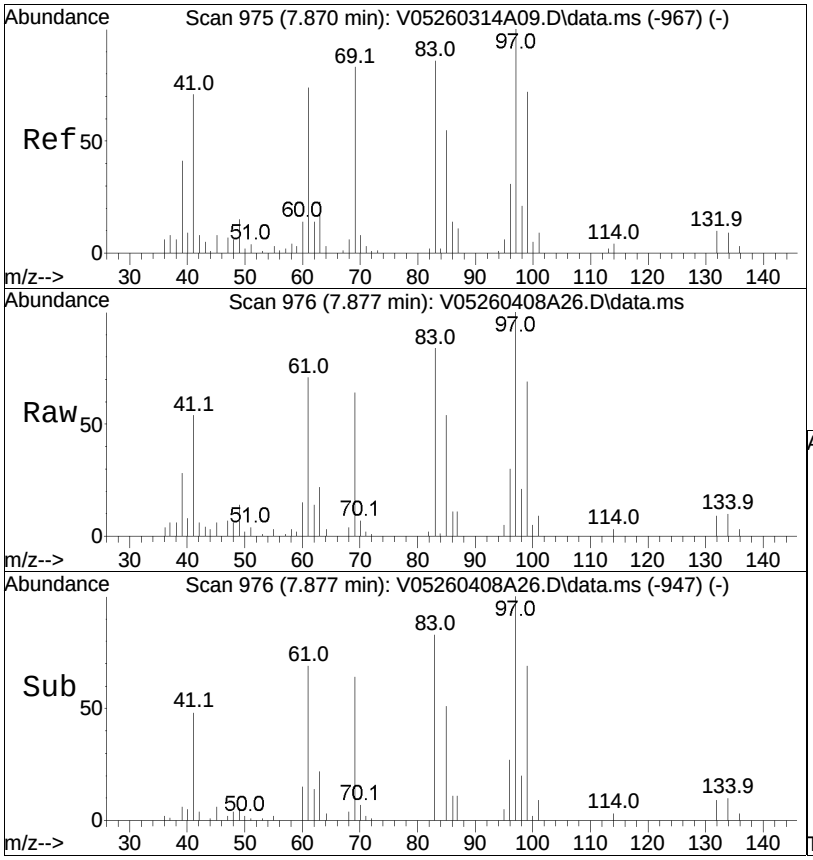


#65
trans-1,3-Dichloropropene
Concen: 8.34 ug/L
RT: 7.693 min Scan# 950
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 75 Resp: 51699

Ion	Ratio	Lower	Upper
75	100		
77	30.1	11.5	51.5
39	59.3	40.9	80.9

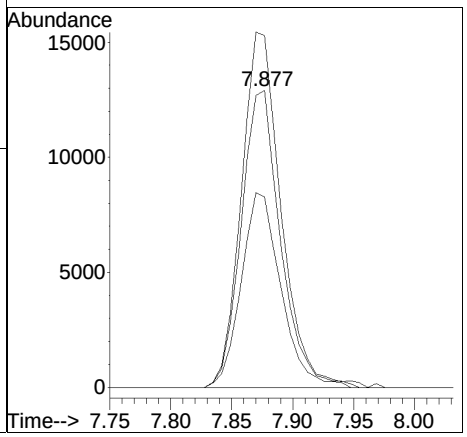


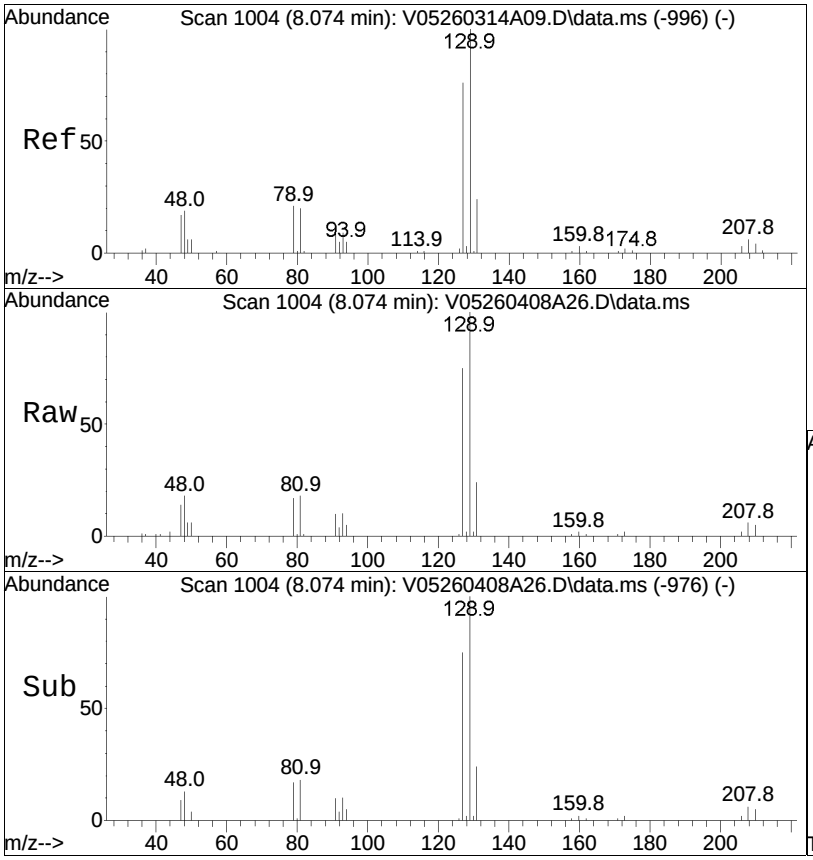


#68
1,1,2-Trichloroethane
Concen: 9.75 ug/L
RT: 7.877 min Scan# 976
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 83 Resp: 28989

Ion	Ratio	Lower	Upper
83	100		
97	121.1	95.5	135.5
85	66.2	46.9	86.9

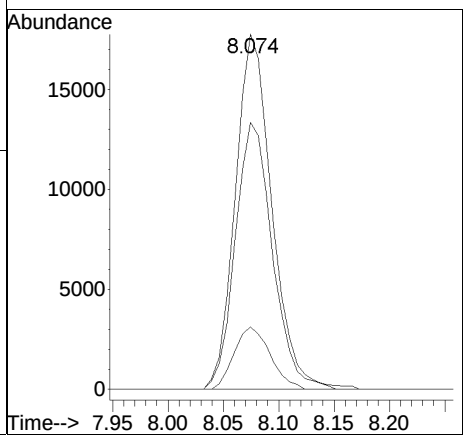


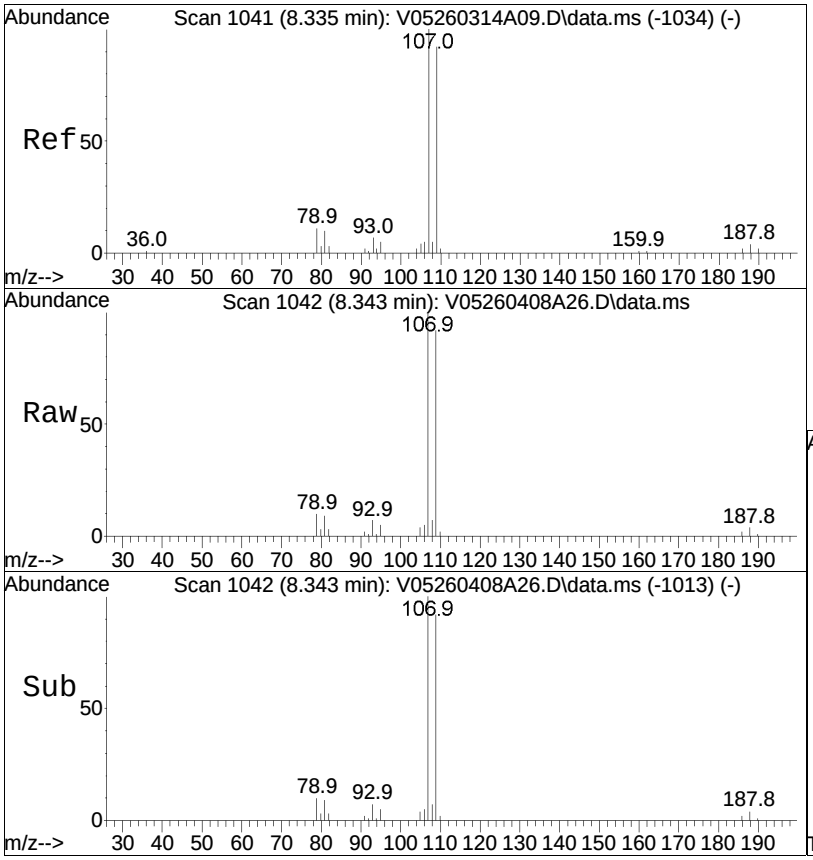


#69
Chlorodibromomethane
Concen: 9.29 ug/L
RT: 8.074 min Scan# 1004
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:129 Resp: 40868

Ion	Ratio	Lower	Upper
129	100		
81	17.3	0.0	39.4
127	76.2	57.9	97.9

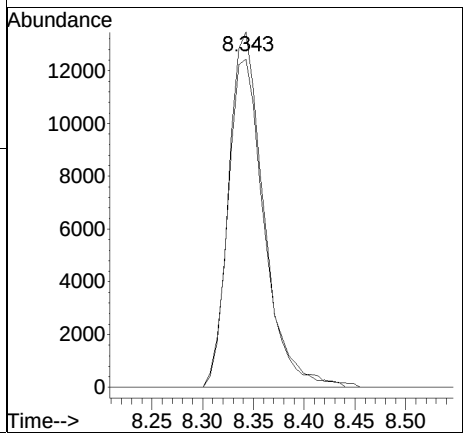


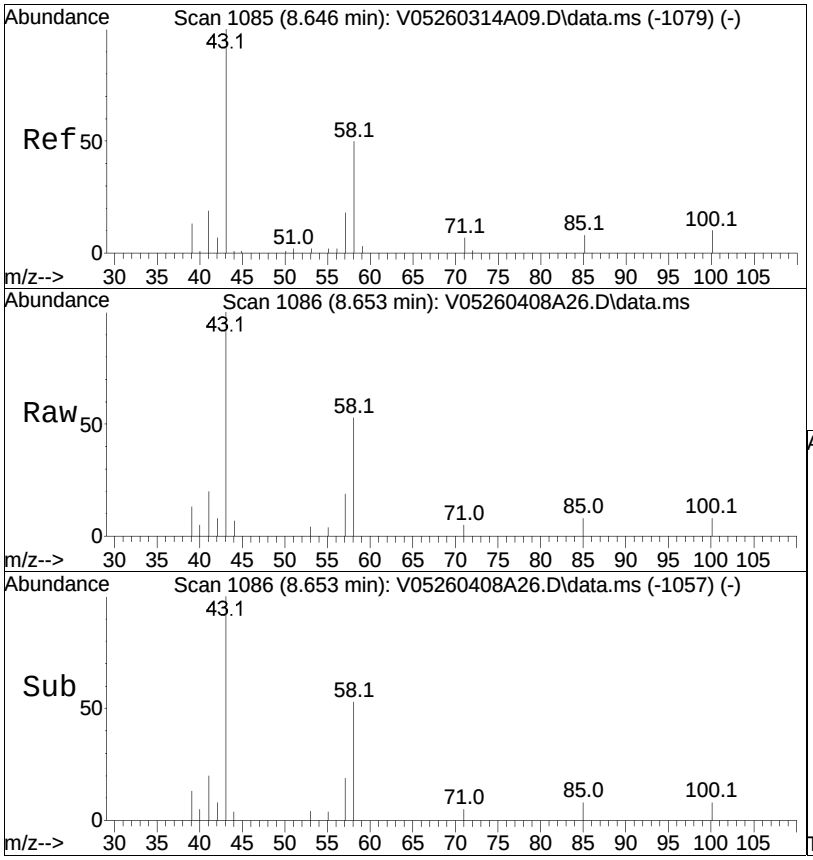


#71
1,2-Dibromoethane
Concen: 9.64 ug/L
RT: 8.343 min Scan# 1042
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:107 Resp: 32621

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.2	114.2

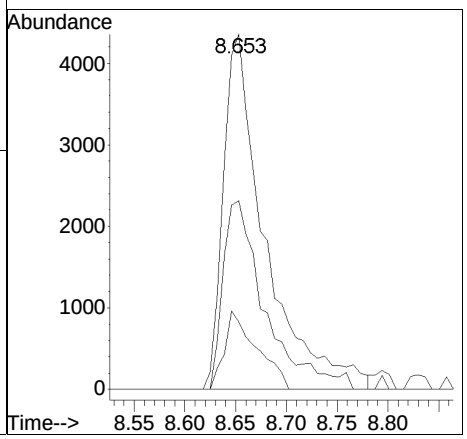


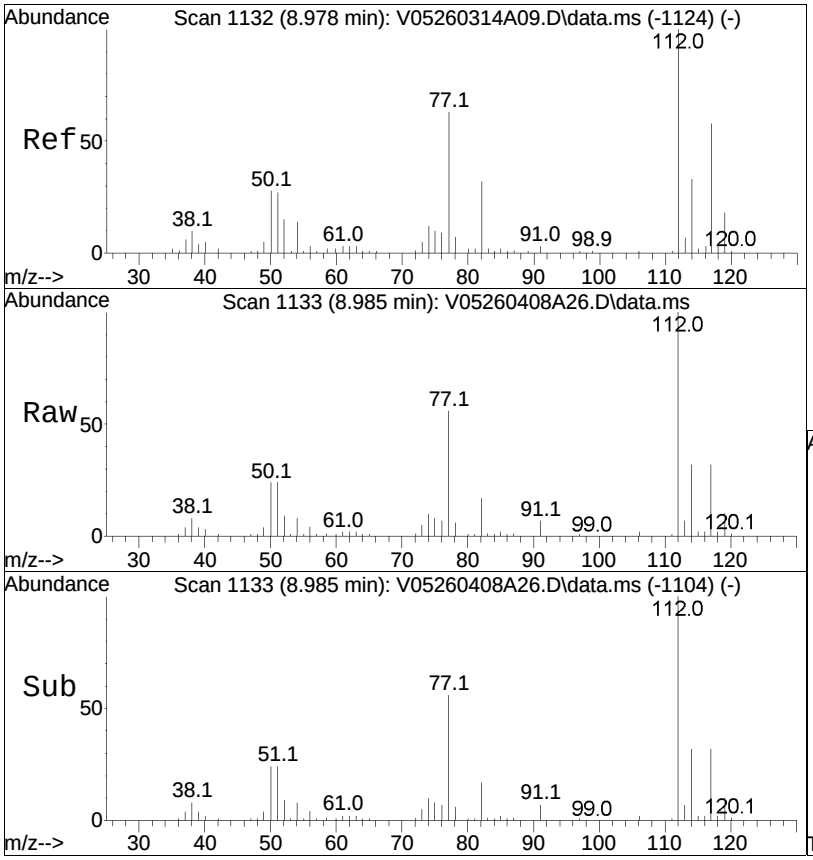


#72
2-Hexanone
Concen: 6.78 ug/L
RT: 8.653 min Scan# 1086
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 43 Resp: 12487

Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.8	64.2
57	17.1	15.8	23.6

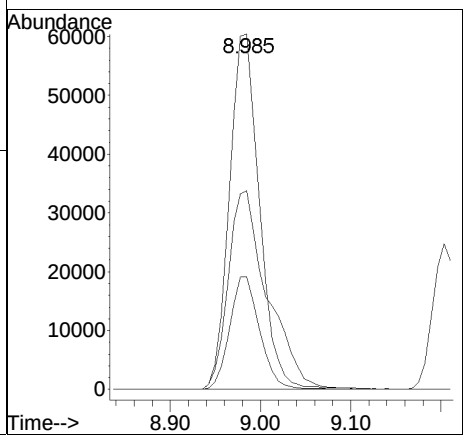


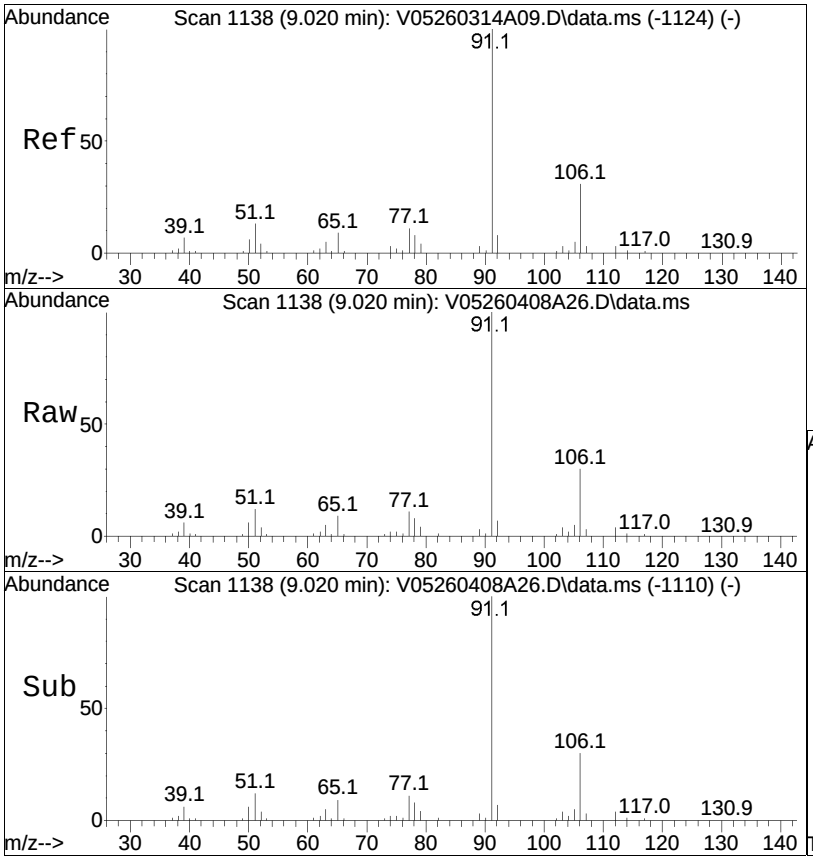


#73
Chlorobenzene
Concen: 10.52 ug/L
RT: 8.985 min Scan# 1133
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:112 Resp: 140097

Ion	Ratio	Lower	Upper
112	100		
77	72.8	61.6	92.4
114	31.6	25.8	38.8

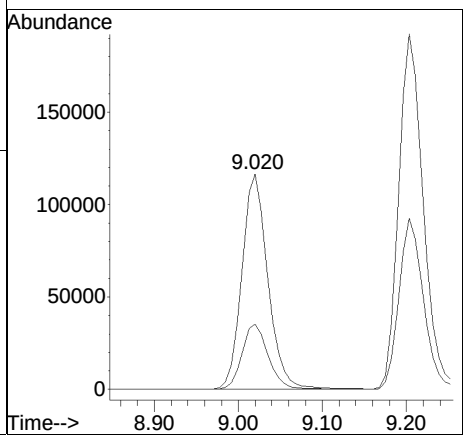


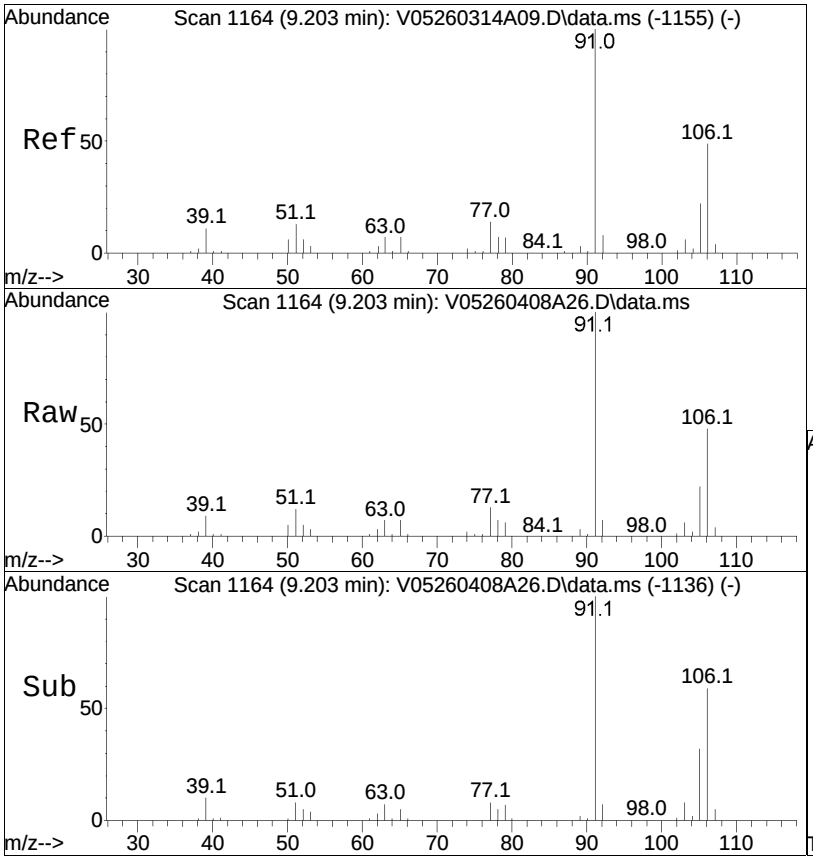


#74
Ethylbenzene
Concen: 10.22 ug/L
RT: 9.020 min Scan# 1138
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 91 Resp: 251370

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6

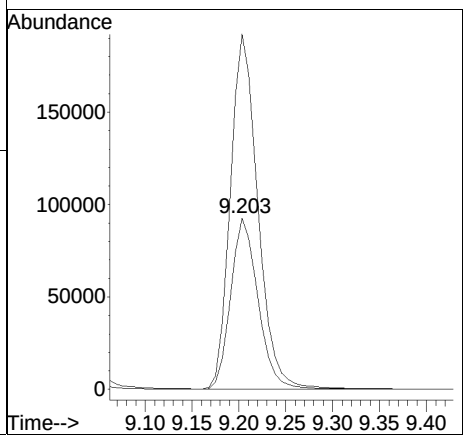


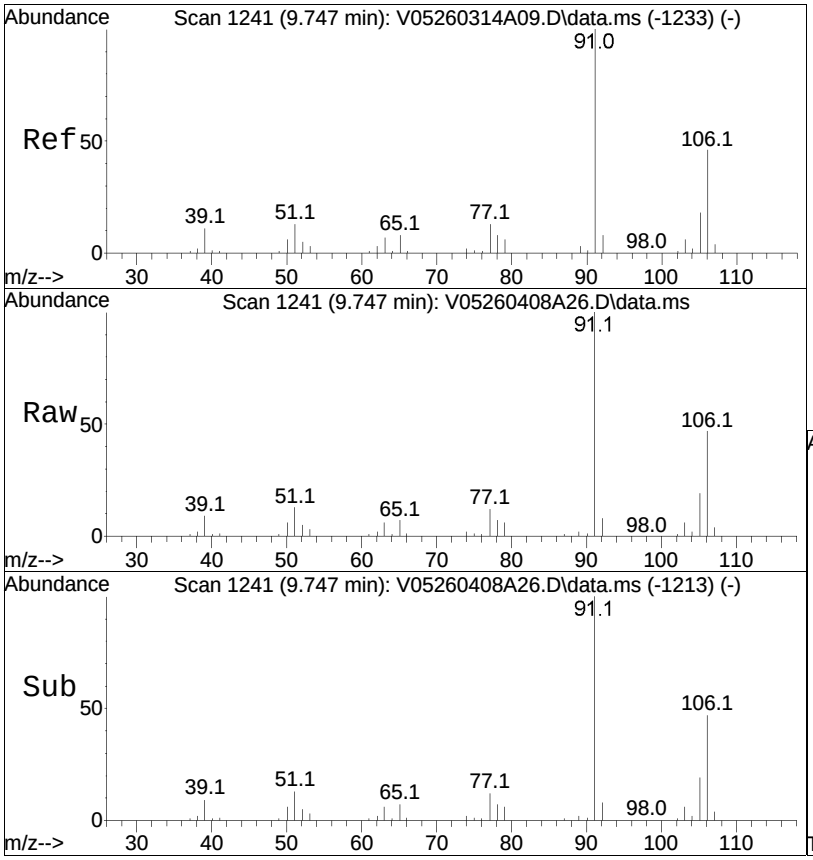


#76
p/m Xylene
Concen: 20.60 ug/L
RT: 9.203 min Scan# 1164
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:106 Resp: 189046

Ion	Ratio	Lower	Upper
106	100		
91	206.4	162.0	243.0

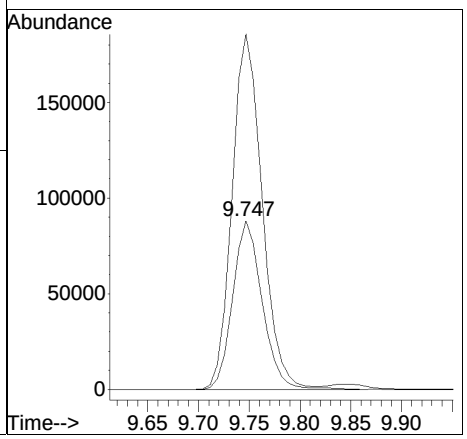


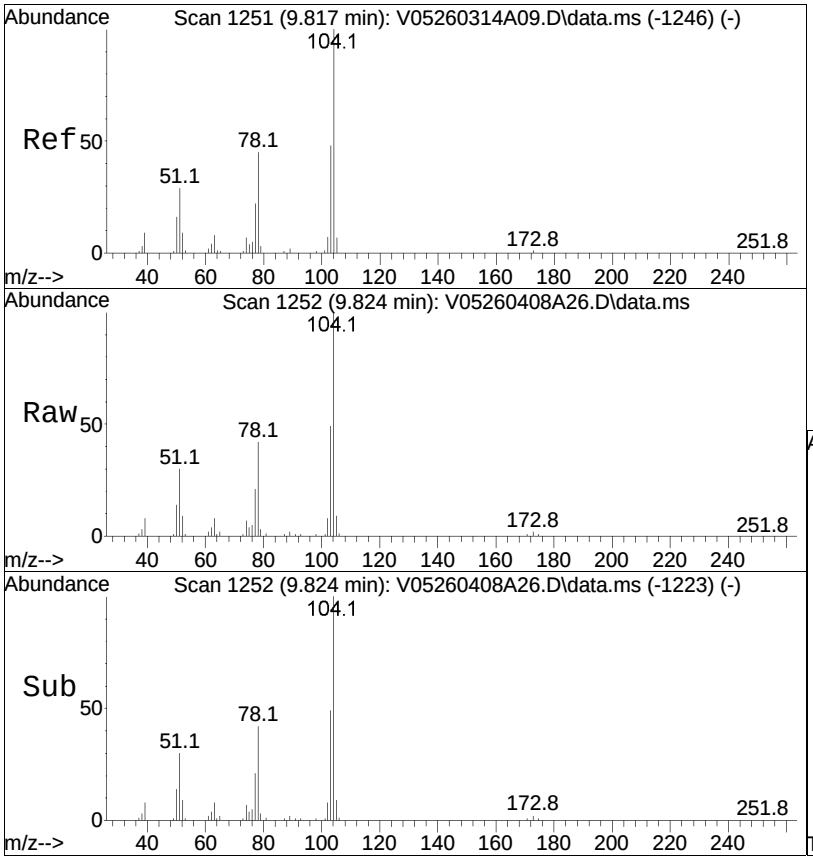


#77
o Xylene
Concen: 20.08 ug/L
RT: 9.747 min Scan# 1241
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:106 Resp: 178053

Ion	Ratio	Lower	Upper
106	100		
91	214.3	172.7	259.1

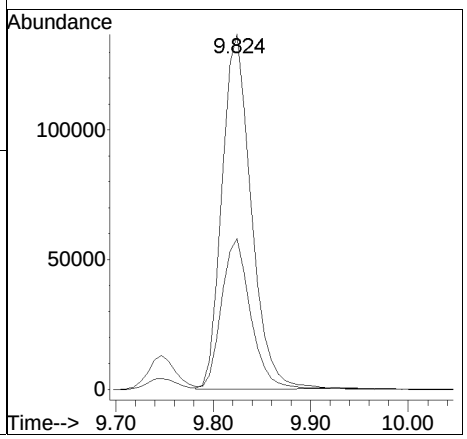


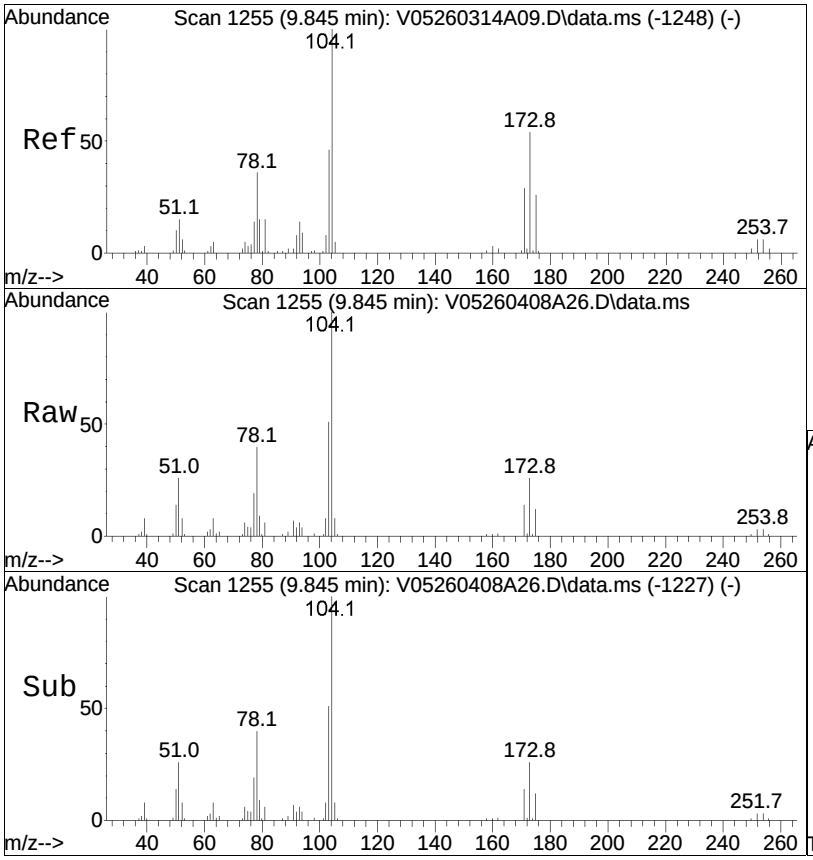


#78
Styrene
Concen: 19.82 ug/L
RT: 9.824 min Scan# 1252
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:104 Resp: 285400

Ion	Ratio	Lower	Upper
104	100		
78	42.8	36.0	54.0

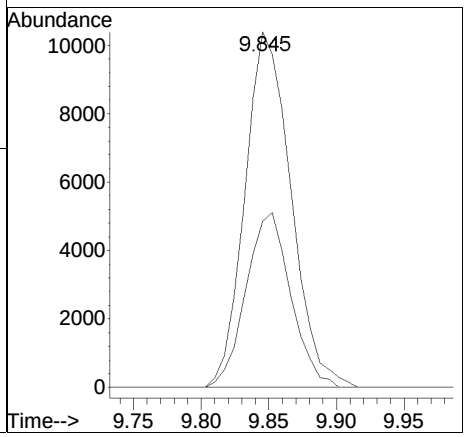


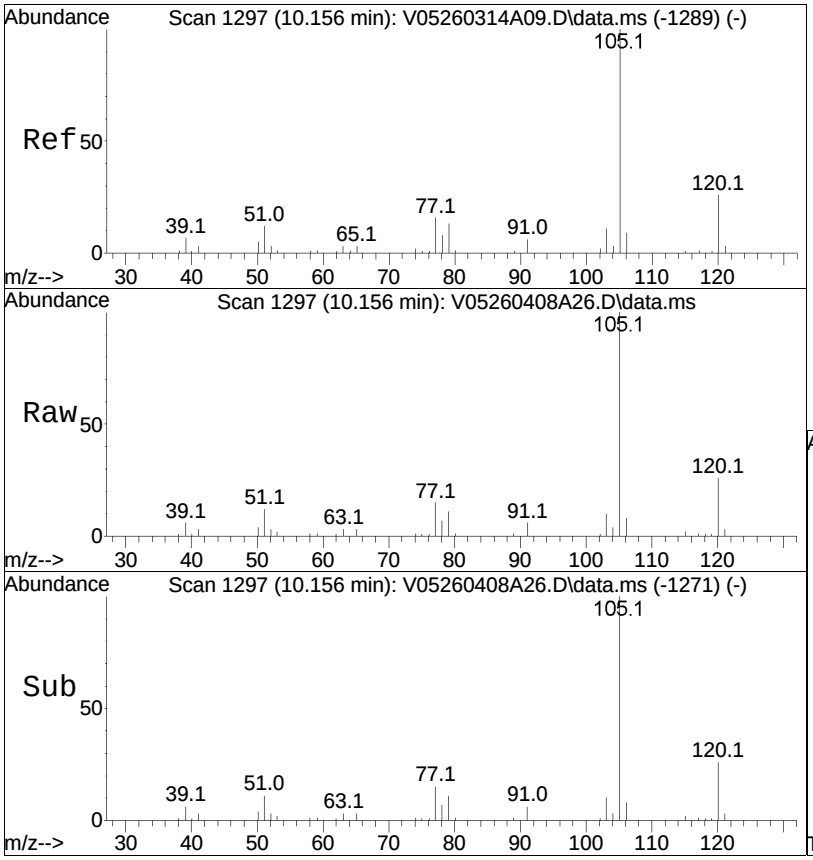


#80
Bromoform
Concen: 8.34 ug/L
RT: 9.845 min Scan# 1255
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:173 Resp: 24600

Ion	Ratio	Lower	Upper
173	100		
175	47.7	29.4	69.4

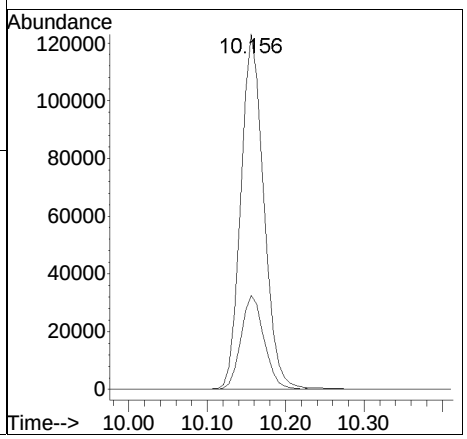


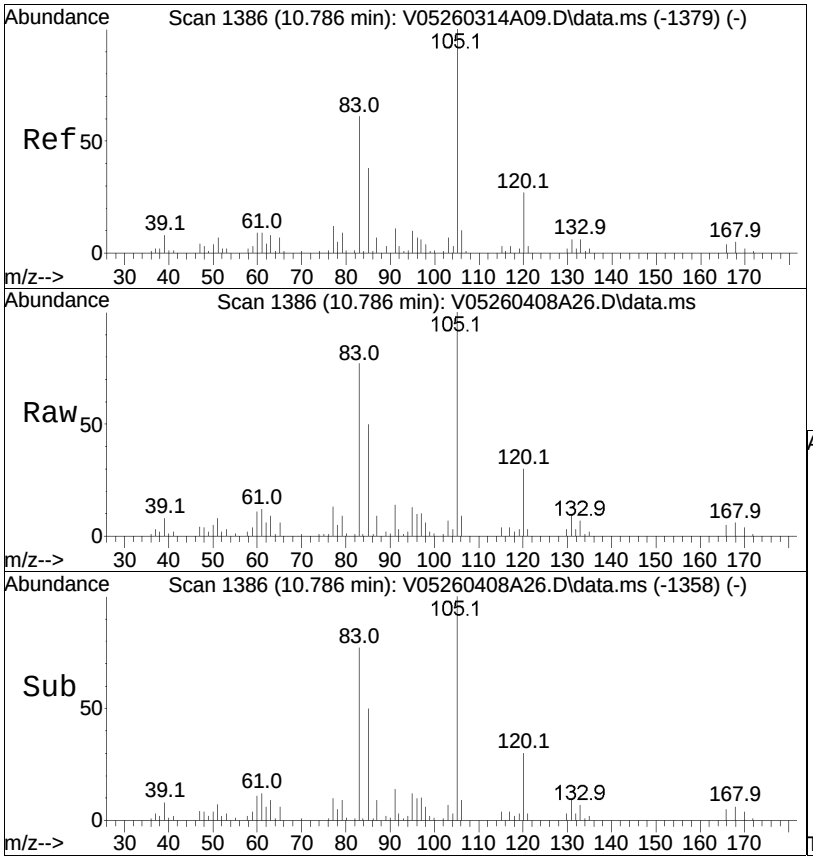


#82
Isopropylbenzene
Concen: 9.02 ug/L
RT: 10.156 min Scan# 1297
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:105 Resp: 268149

Ion	Ratio	Lower	Upper
105	100		
120	27.6	6.7	46.7

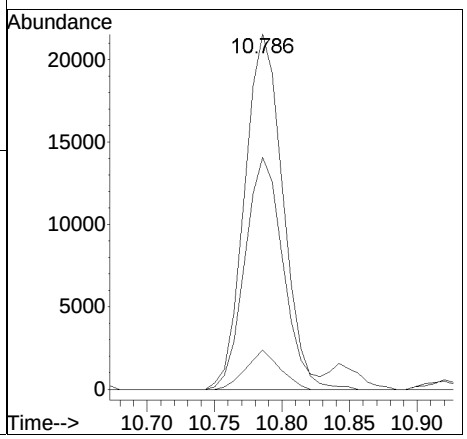


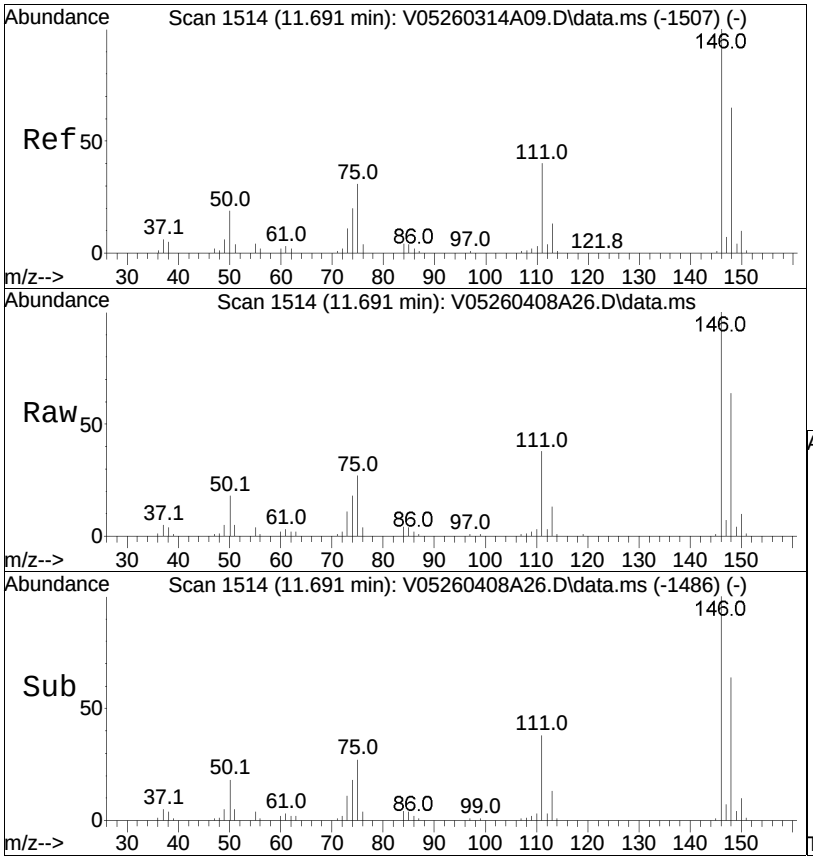


#87
1,1,2,2-Tetrachloroethane
Concen: 9.48 ug/L
RT: 10.786 min Scan# 1386
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion: 83 Resp: 42406

Ion	Ratio	Lower	Upper
83	100		
131	9.8	0.0	29.8
85	65.6	45.1	85.1

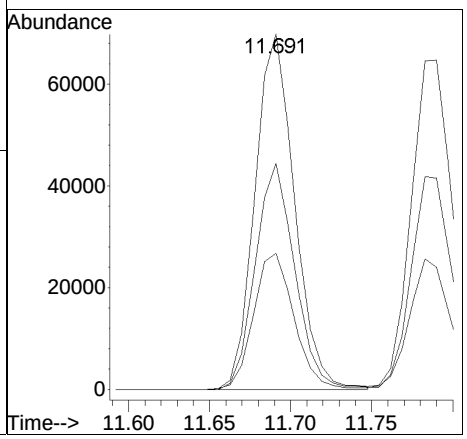


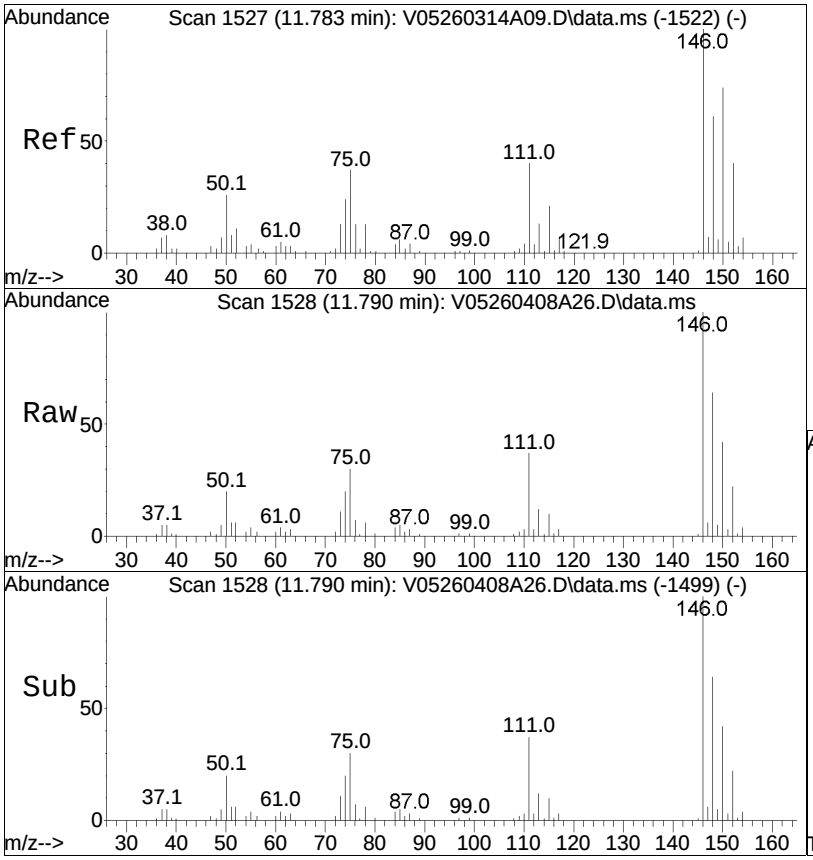


#100
1,3-Dichlorobenzene
Concen: 10.07 ug/L
RT: 11.691 min Scan# 1514
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:146 Resp: 118616

Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.5	55.1
148	63.4	41.2	85.6

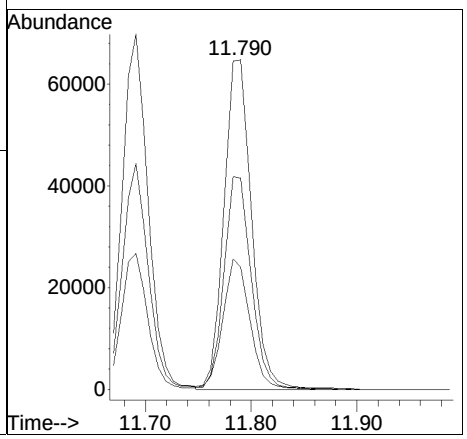


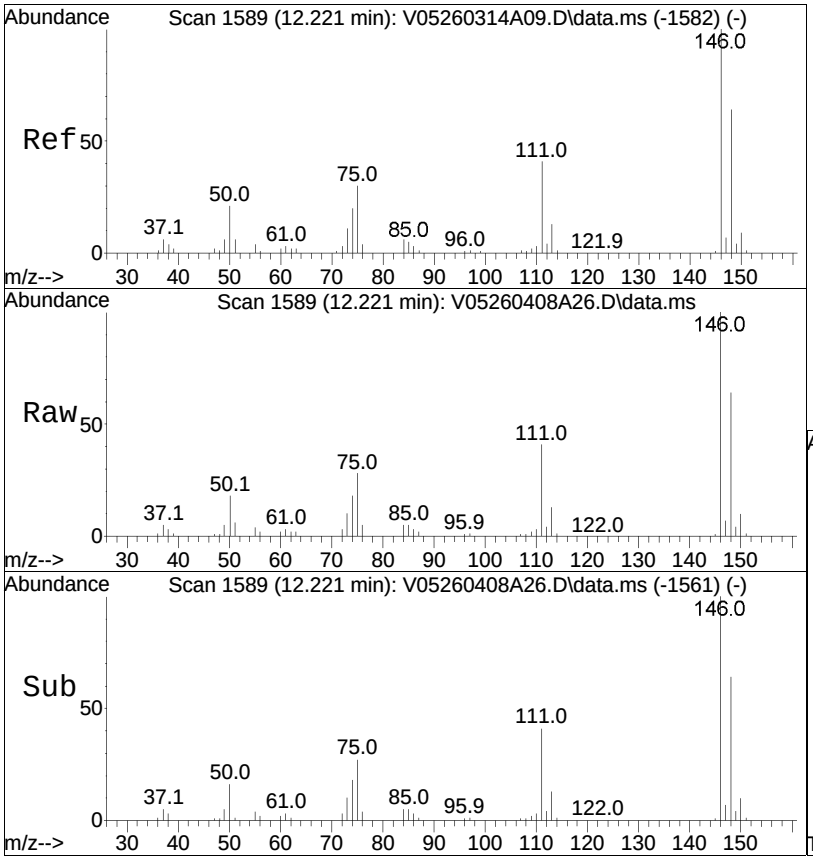


#101
1,4-Dichlorobenzene
Concen: 9.91 ug/L
RT: 11.790 min Scan# 1528
Delta R.T. 0.007 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:146 Resp: 117855

Ion	Ratio	Lower	Upper
146	100		
111	38.9	32.9	49.3
148	63.9	50.6	76.0

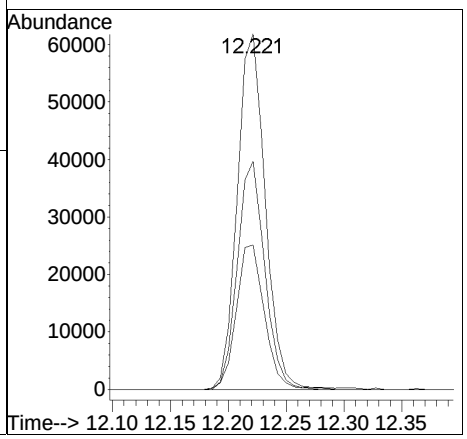


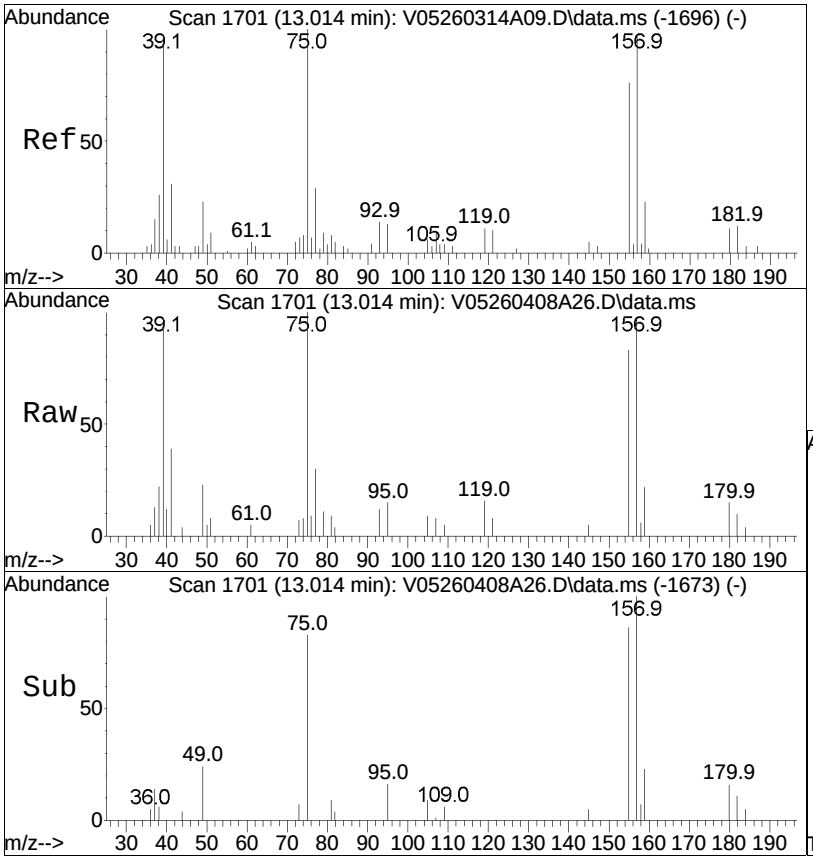


#104
1,2-Dichlorobenzene
Concen: 9.87 ug/L
RT: 12.221 min Scan# 1589
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:146 Resp: 104190

Ion	Ratio	Lower	Upper
146	100		
111	40.6	27.7	57.5
148	62.8	41.2	85.6

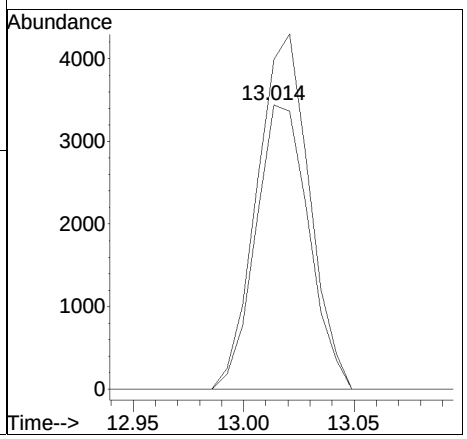


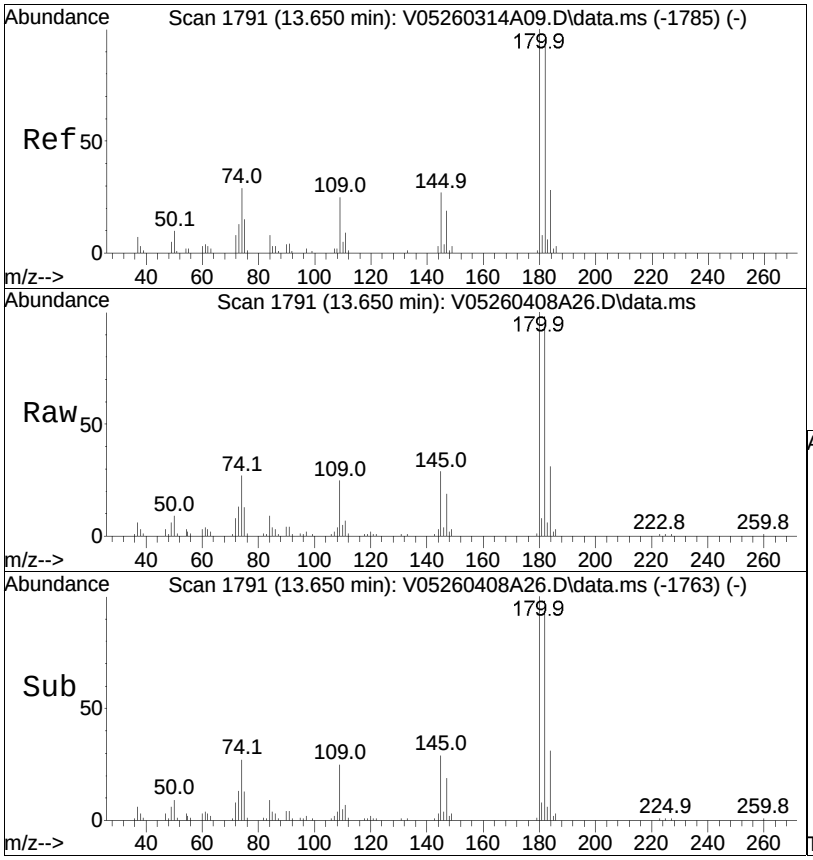


#106
1,2-Dibromo-3-chloropropane
Concen: 9.05 ug/L
RT: 13.014 min Scan# 1701
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:155 Resp: 5731

Ion	Ratio	Lower	Upper
155	100		
157	123.6	103.9	155.9

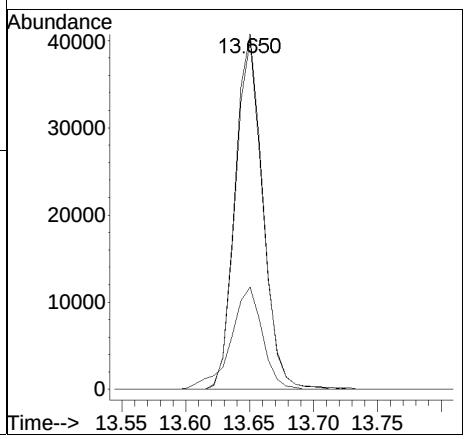


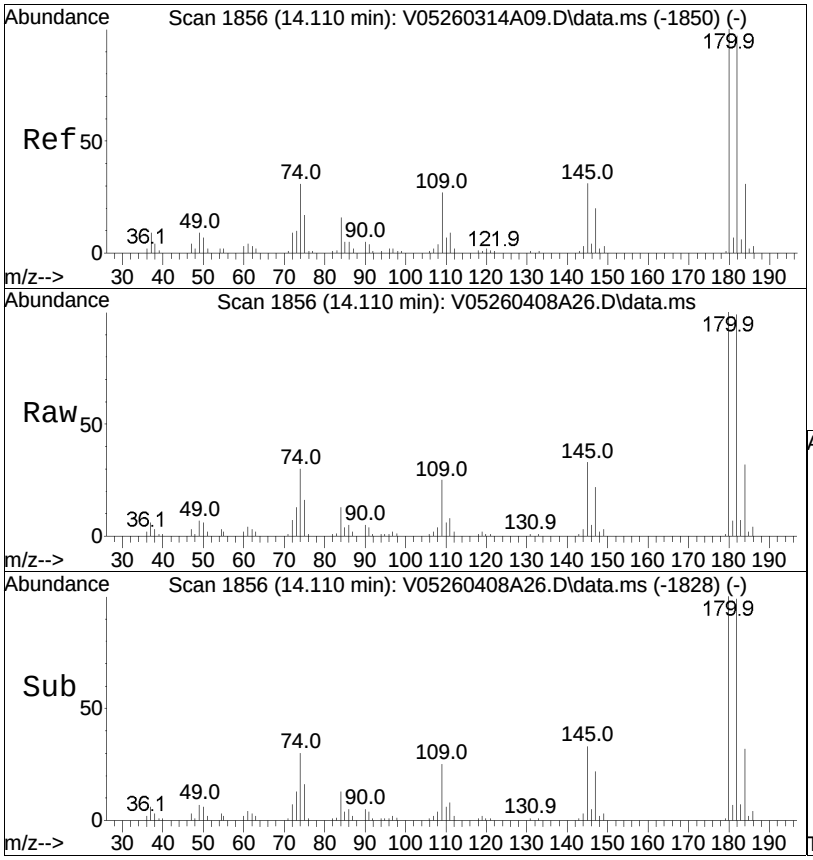


#109
1,2,4-Trichlorobenzene
Concen: 9.61 ug/L
RT: 13.650 min Scan# 1791
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:180 Resp: 61825

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.1	114.1
145	32.6	26.0	39.0

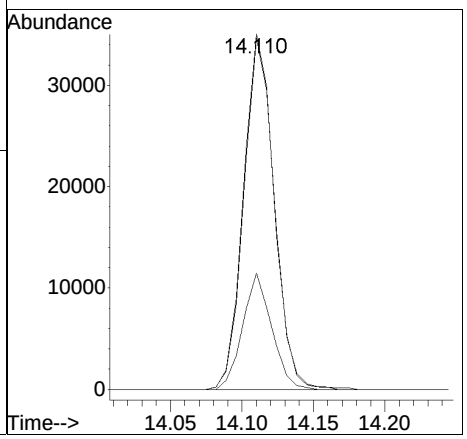




#111
1,2,3-Trichlorobenzene
Concen: 10.03 ug/L
RT: 14.110 min Scan# 1856
Delta R.T. 0.000 min
Lab File: V05260408A26.D
Acq: 8 Apr 2026 7:54 pm

Tgt Ion:180 Resp: 52135

Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.0	115.4
145	30.9	24.4	36.6



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A26.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 7:54 pm	Instrument	: VOA105
Sample	: WG2196004-6,31,10,10,,a1	Quant Date	: 4/9/2026 6:36 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A27.D
Acq On : 8 Apr 2026 8:20 pm
Operator : VOA105:MJV
Sample : WG2196004-7,31,10,10,,a2 (Sig #1); l2617421-03MSD,31,10,10,,a2 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 09 06:36:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.485	96	193175	10.000	ug/L	0.00
Standard Area 1 = 213045			Recovery =	90.67%		
59) Chlorobenzene-d5	8.964	117	146083	10.000	ug/L	0.00
Standard Area 1 = 163604			Recovery =	89.29%		
79) 1,4-Dichlorobenzene-d4	11.769	152	91593	10.000	ug/L	0.00
Standard Area 1 = 101615			Recovery =	90.14%		
System Monitoring Compounds						
36) Dibromofluoromethane	4.712	113	53981	10.540	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.40%		
43) 1,2-Dichloroethane-d4	5.217	65	65871	10.546	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.46%		
60) Toluene-d8	7.143	98	190747	9.615	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.15%		
83) 4-Bromofluorobenzene	10.510	95	70315	8.085	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	80.85%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.424	85	66649	13.381	ug/L	98
3) Chloromethane	1.588	50	66502	10.772	ug/L	100
4) Vinyl chloride	1.650	62	84421	13.871	ug/L	98
5) Bromomethane	1.918	94	23606	7.717	ug/L	99
6) Chloroethane	2.007	64	65297	15.936	ug/L	98
7) Trichlorofluoromethane	2.138	101	97509	13.670	ug/L	98
10) 1,1-Dichloroethene	2.577	96	54005	12.058	ug/L	94
11) Carbon disulfide	2.604	76	181954	12.305	ug/L	100
12) Freon-113	2.611	101	52699	12.574	ug/L	91
15) Methylene chloride	3.099	84	50500	10.325	ug/L	97
17) Acetone	3.160	43	10119	12.338	ug/L	89
18) trans-1,2-Dichloroethene	3.236	96	51241	10.859	ug/L	97
19) Methyl acetate	3.263	43	16172	8.423	ug/L	96
20) Methyl tert-butyl ether	3.325	73	71853	6.729	ug/L	92
23) 1,1-Dichloroethane	3.785	63	108933	11.403	ug/L	99
28) cis-1,2-Dichloroethene	4.286	96	56080	10.672	ug/L	97
30) Bromochloromethane	4.471	128	23533	10.852	ug/L	95
31) Cyclohexane	4.451	56	105590	10.836	ug/L	93
32) Chloroform	4.540	83	93547	10.616	ug/L	97

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A27.D
Acq On : 8 Apr 2026 8:20 pm
Operator : VOA105:MJV
Sample : WG2196004-7,31,10,10,,a2 (Sig #1); l2617421-03MSD,31,10,10,,a2 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 09 06:36:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	4.650	117	74091	10.642	ug/L	98
37) 1,1,1-Trichloroethane	4.718	97	85581	10.947	ug/L	98
39) 2-Butanone	4.842	43	11148	9.256	ug/L	96
41) Benzene	5.076	78	202686	10.716	ug/L	99
44) 1,2-Dichloroethane	5.288	62	66239	10.368	ug/L	98
47) Methyl cyclohexane	5.633	83	77255	9.356	ug/L	92
48) Trichloroethene	5.662	95	54024	10.100	ug/L	98
51) 1,2-Dichloropropane	6.191	63	54328	10.581	ug/L	97
54) Bromodichloromethane	6.275	83	62741	9.348	ug/L	100
57) 1,4-Dioxane	6.480	88	17961	720.066	ug/L	91
58) cis-1,3-Dichloropropene	6.953	75	61889	8.417	ug/L	89
61) Toluene	7.200	92	121817	9.881	ug/L	98
62) 4-Methyl-2-pentanone	7.651	58	8264	7.507	ug/L	95
63) Tetrachloroethene	7.630	166	53769	10.398	ug/L	98
65) trans-1,3-Dichloropropene	7.694	75	50642	8.200	ug/L	98
68) 1,1,2-Trichloroethane	7.870	83	28210	9.531	ug/L	97
69) Chlorodibromomethane	8.075	129	40092	9.152	ug/L	98
71) 1,2-Dibromoethane	8.343	107	31445	9.326	ug/L	97
72) 2-Hexanone	8.653	43	12523	6.829	ug/L	95
73) Chlorobenzene	8.978	112	133768	10.090	ug/L	97
74) Ethylbenzene	9.020	91	234381	9.568	ug/L	100
76) p/m Xylene	9.204	106	177265	19.400	ug/L	99
77) o Xylene	9.747	106	168986	19.136	ug/L	100
78) Styrene	9.824	104	271180	18.907	ug/L	97
80) Bromoform	9.846	173	23252	7.894	ug/L	97
82) Isopropylbenzene	10.156	105	247861	8.356	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.786	83	40393	9.049	ug/L	99
100) 1,3-Dichlorobenzene	11.691	146	110304	9.385	ug/L	99
101) 1,4-Dichlorobenzene	11.790	146	112105	9.444	ug/L	98
104) 1,2-Dichlorobenzene	12.222	146	97693	9.269	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.014	155	5287	8.361	ug/L	100
109) 1,2,4-Trichlorobenzene	13.650	180	57263	8.913	ug/L	96
111) 1,2,3-Trichlorobenzene	14.110	180	49379	9.515	ug/L	98

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

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A27.D
Acq On : 8 Apr 2026 8:20 pm
Operator : VOA105:MJV
Sample : WG2196004-7,31,10,10,,a2 (Sig #1); l2617421-03MSD,31,10,10,,a2 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 09 06:36:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2026\260408A\V05260408A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

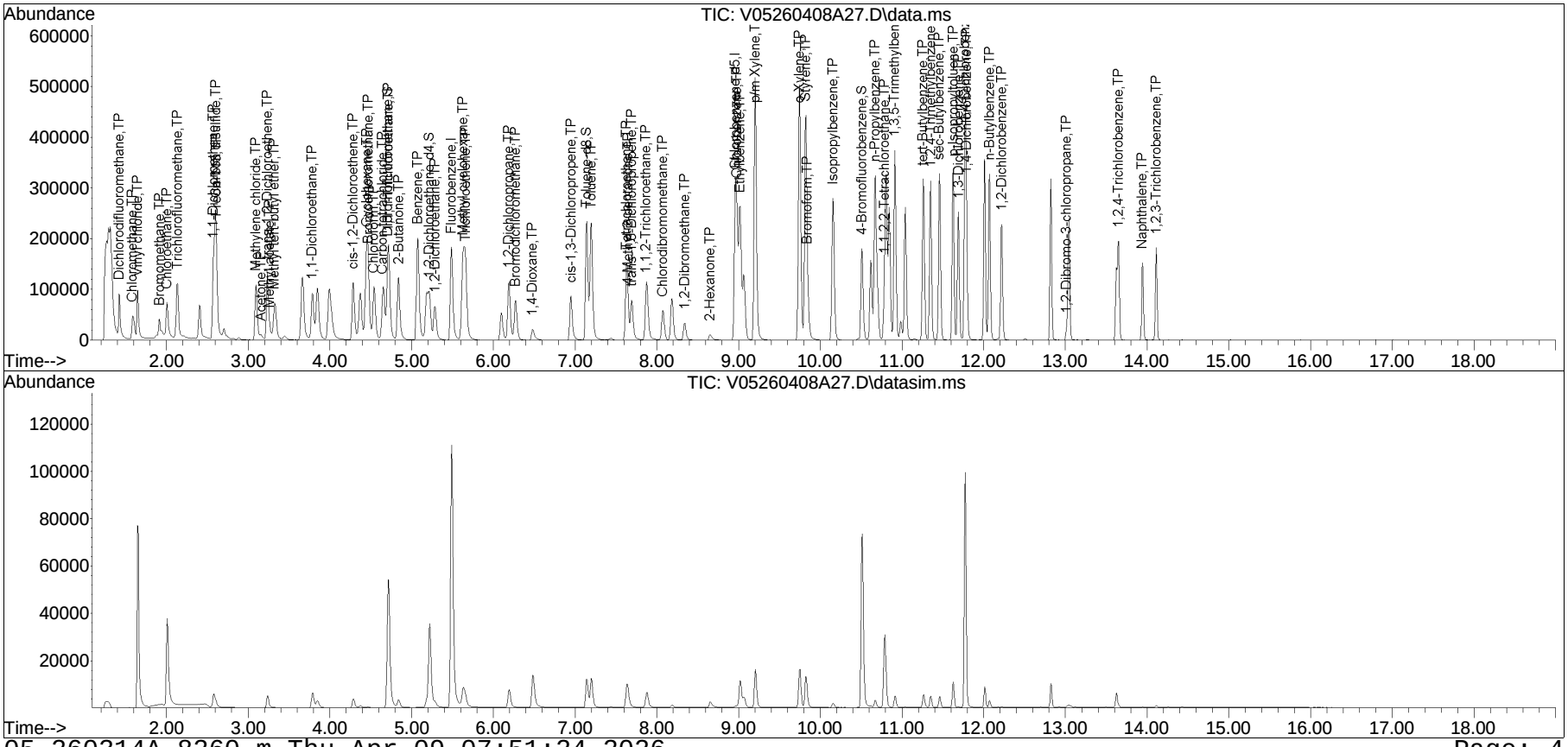
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

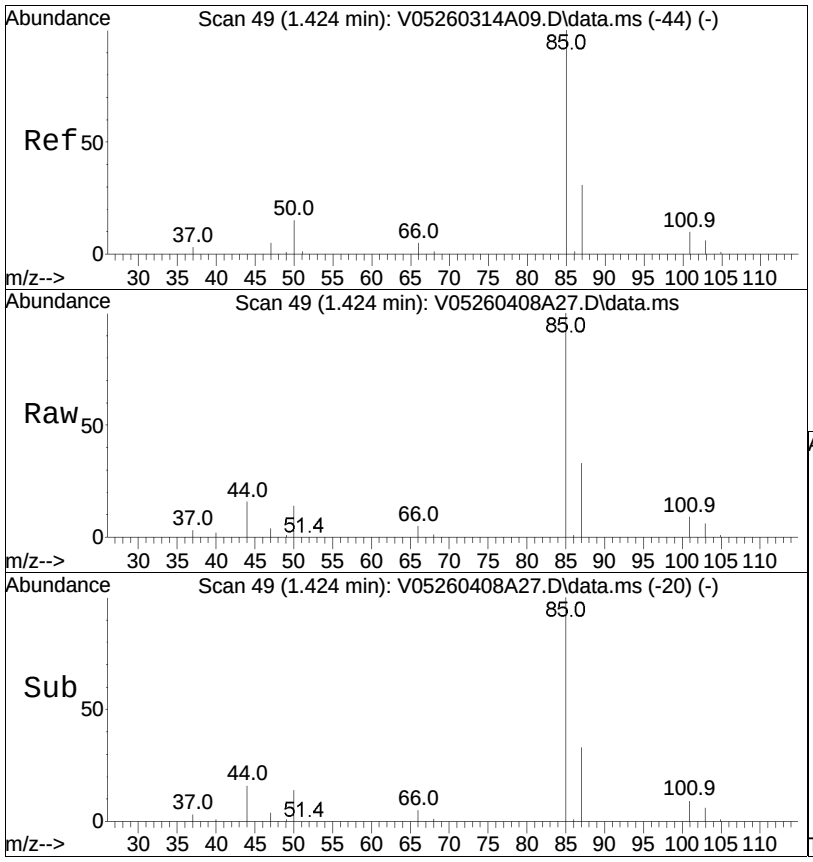
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2026\260408A\
Data File : V05260408A27.D
Acq On : 8 Apr 2026 8:20 pm
Operator : VOA105:MJV
Sample : WG2196004-7,31,10,10,,a2 (Sig #1); l2617421-03MSD,31,10,10,,a2 (Sig #2)
Misc : WG2196004,ICAL23148 (Sig #1); WG,ICAL23148 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 09 06:36:48 2026
Quant Method : K:\VOA105\2026\260408A\V105_260314A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Mar 16 07:06:09 2026
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0408A01.D•

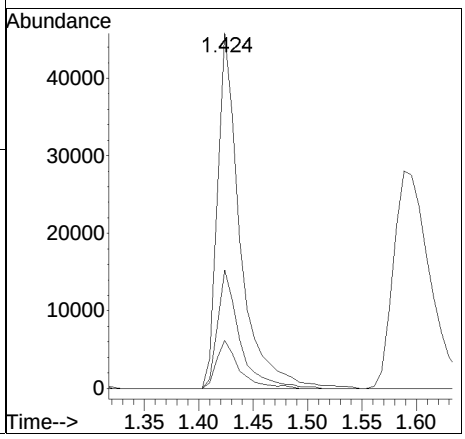


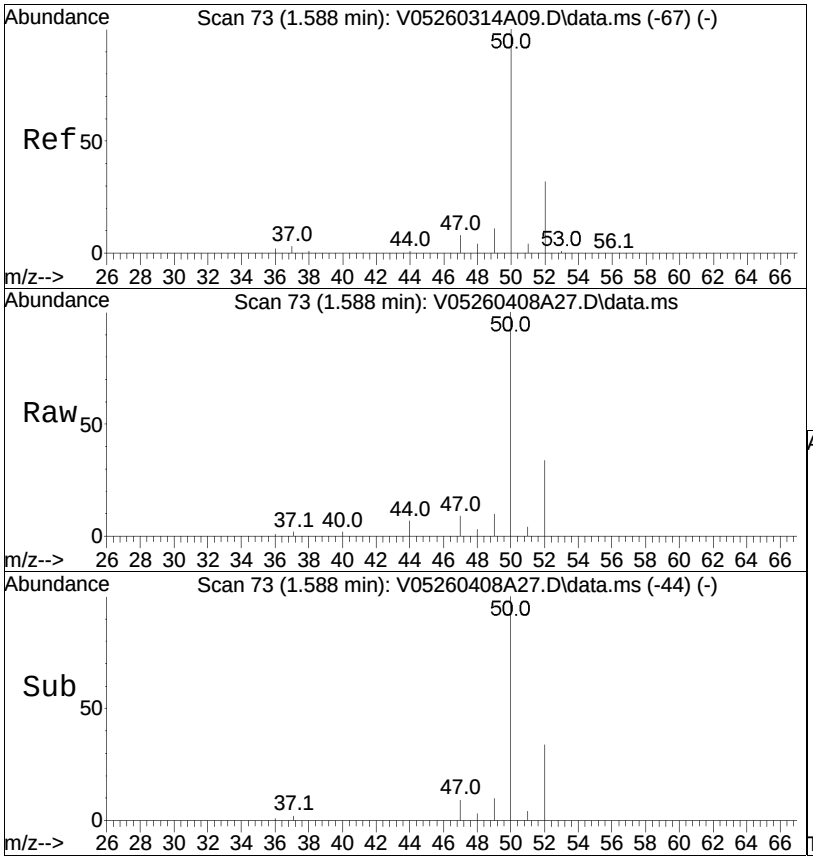


#2
Dichlorodifluoromethane
Concen: 13.38 ug/L
RT: 1.424 min Scan# 49
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 85 Resp: 66649

Ion	Ratio	Lower	Upper
85	100		
87	32.3	20.7	43.1
50	13.4	9.8	20.4

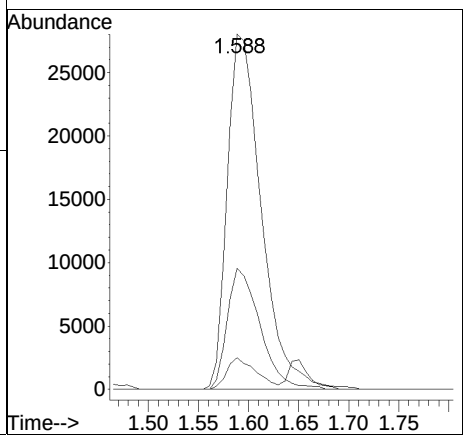


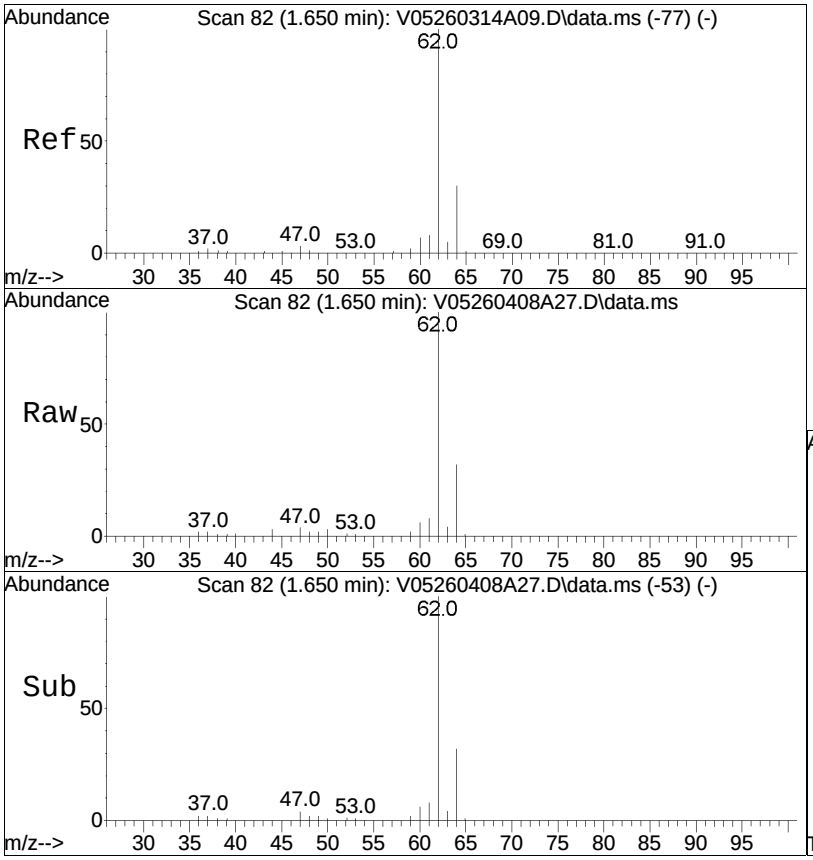


#3
Chloromethane
Concen: 10.77 ug/L
RT: 1.588 min Scan# 73
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 50 Resp: 66502

Ion	Ratio	Lower	Upper
50	100		
52	32.7	12.8	52.8
47	7.8	0.0	27.9

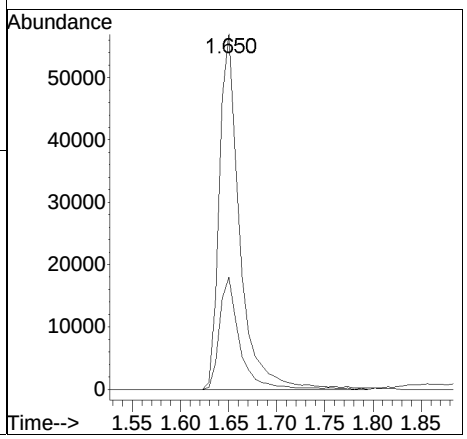


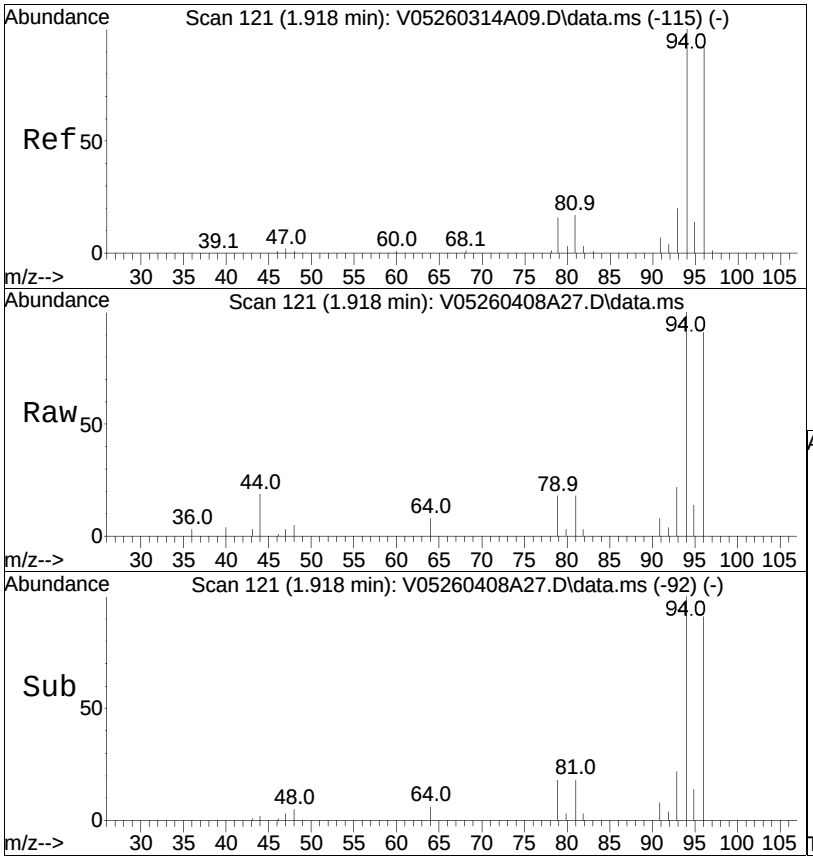


#4
Vinyl chloride
Concen: 13.87 ug/L
RT: 1.650 min Scan# 82
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 62 Resp: 84421

Ion	Ratio	Lower	Upper
62	100		
64	31.3	10.4	50.4

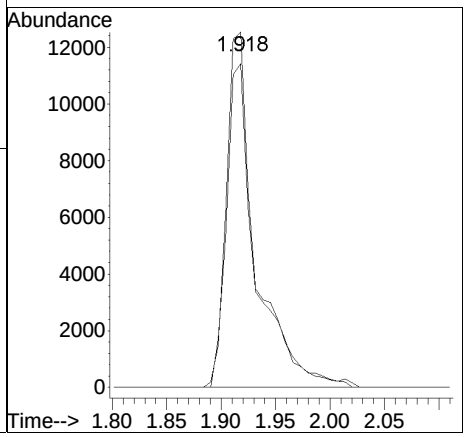


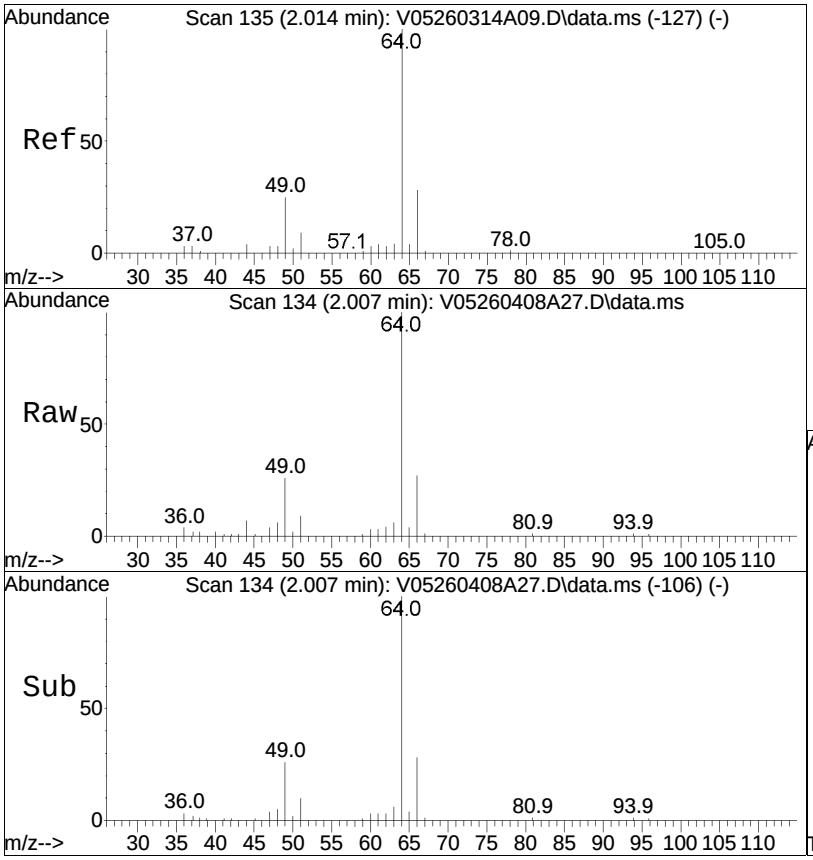


#5
Bromomethane
Concen: 7.72 ug/L
RT: 1.918 min Scan# 121
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 94 Resp: 23606

Ion	Ratio	Lower	Upper
94	100		
96	91.6	70.2	110.2

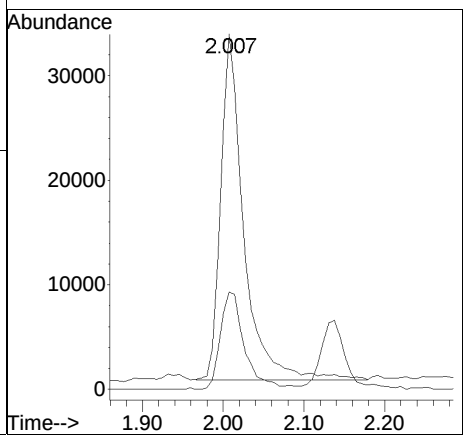


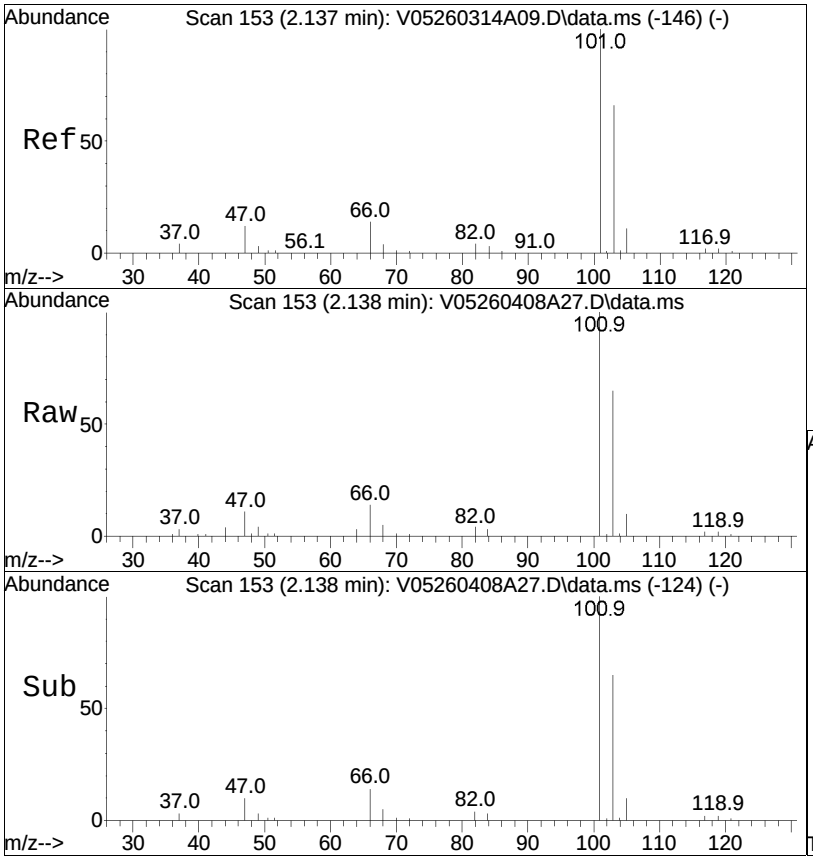


#6
Chloroethane
Concen: 15.94 ug/L
RT: 2.007 min Scan# 134
Delta R.T. -0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 64 Resp: 65297

Ion	Ratio	Lower	Upper
64	100		
66	30.0	11.1	51.1

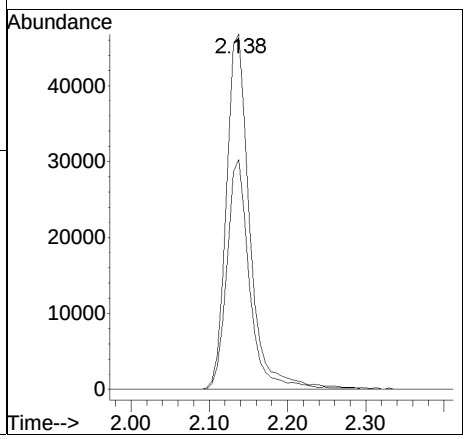


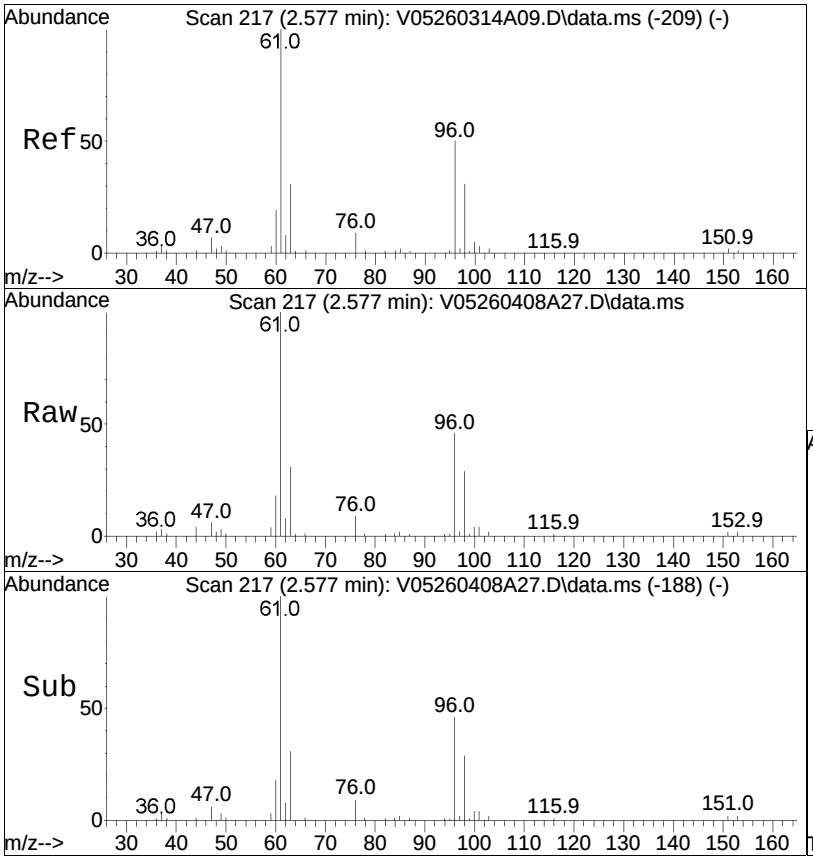


#7
Trichlorofluoromethane
Concen: 13.67 ug/L
RT: 2.138 min Scan# 153
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:101 Resp: 97509

Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.8	77.6

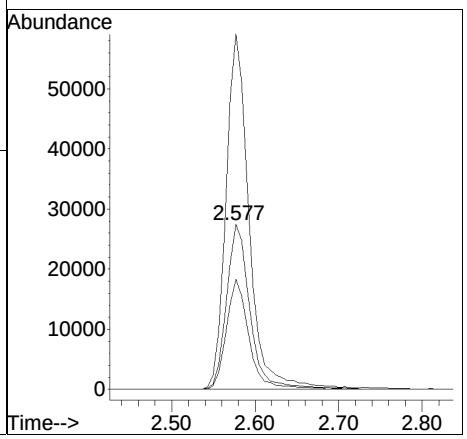


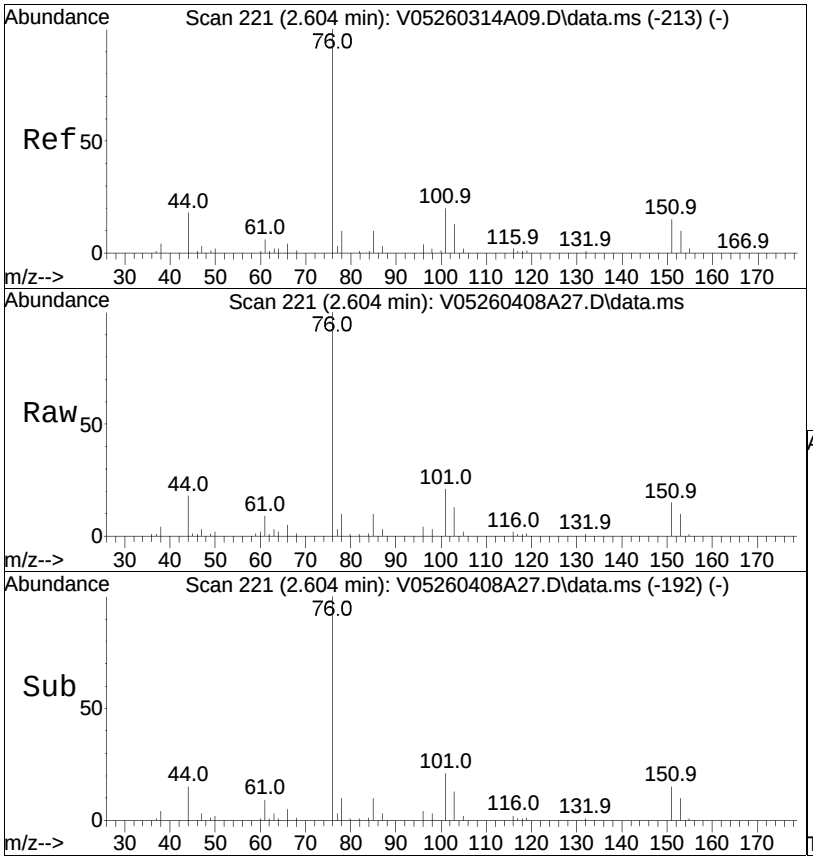


#10
1,1-Dichloroethene
Concen: 12.06 ug/L
RT: 2.577 min Scan# 217
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 96 Resp: 54005

Ion	Ratio	Lower	Upper
96	100		
61	211.3	159.3	238.9
63	63.9	50.3	75.5

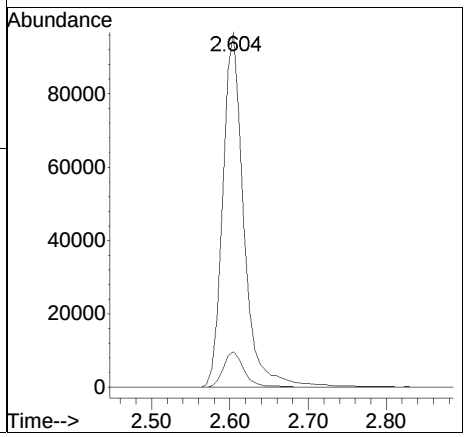


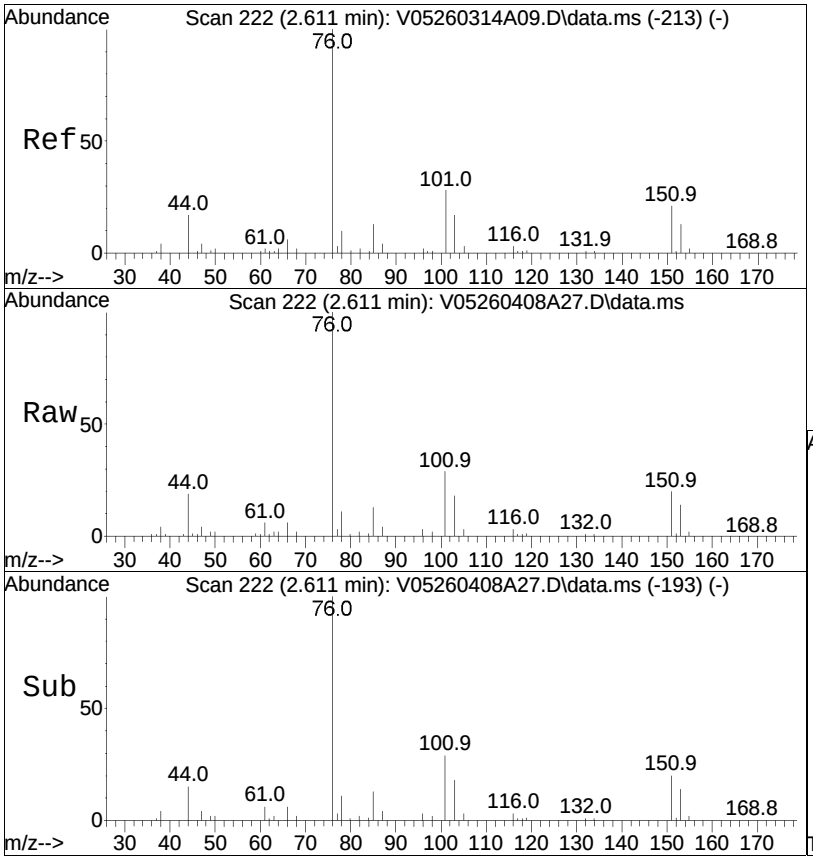


#11
Carbon disulfide
Concen: 12.30 ug/L
RT: 2.604 min Scan# 221
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 76 Resp: 181954

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.6	13.6

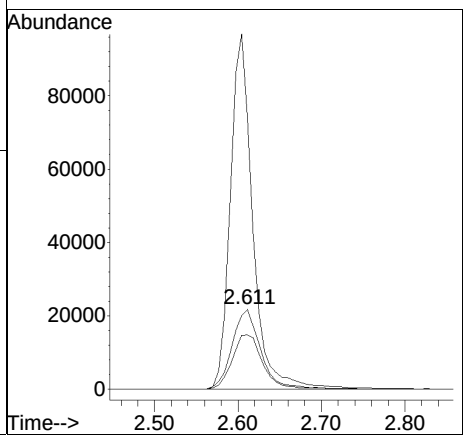


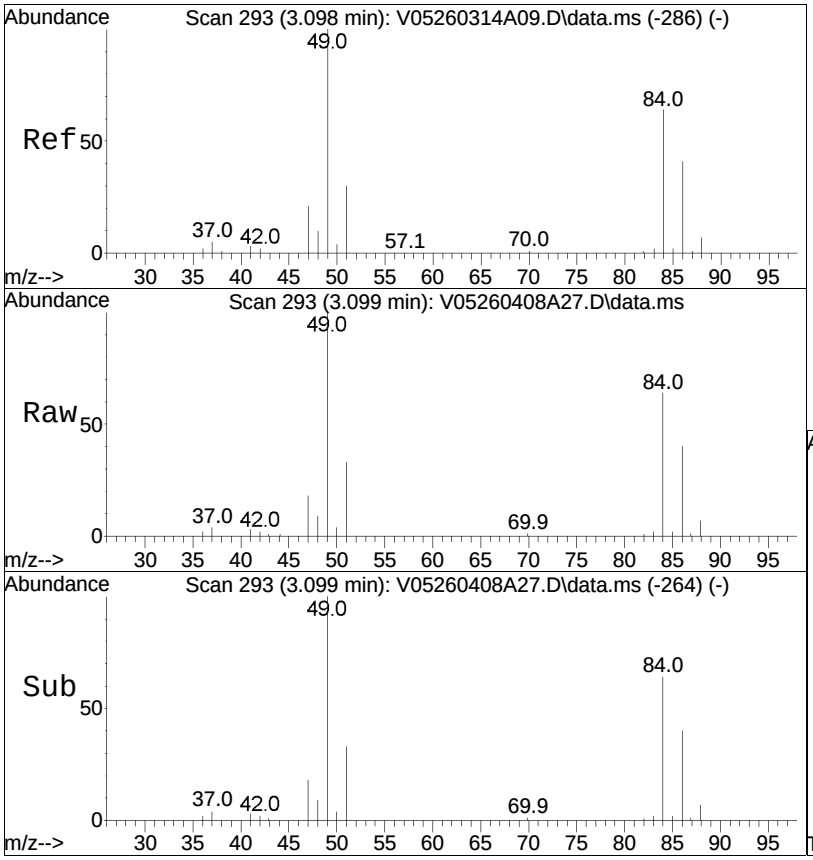


#12
Freon-113
Concen: 12.57 ug/L
RT: 2.611 min Scan# 222
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:101 Resp: 52699

Ion	Ratio	Lower	Upper
101	100		
151	73.3	59.4	89.0
76	345.3	294.9	442.3

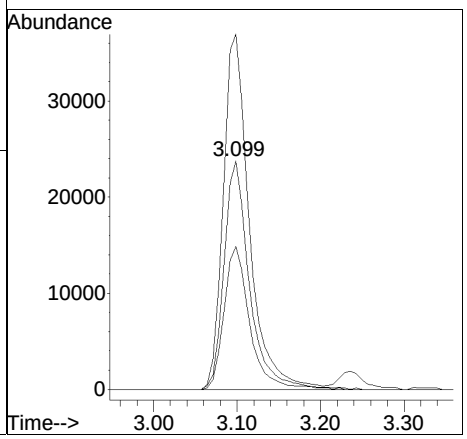


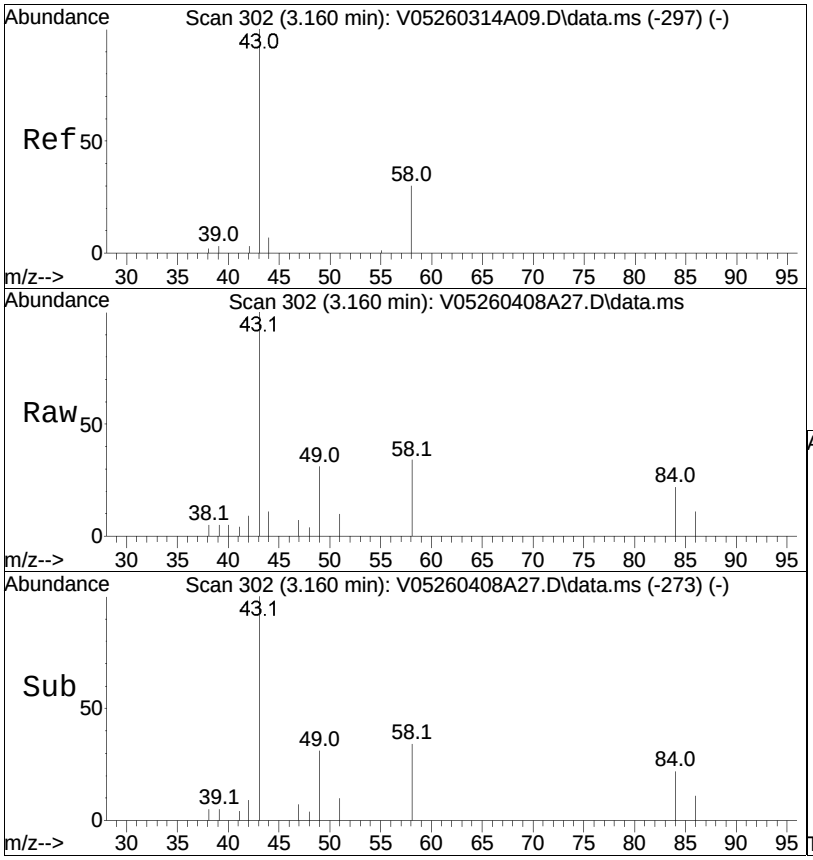


#15
Methylene chloride
Concen: 10.33 ug/L
RT: 3.099 min Scan# 293
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 84 Resp: 50500

Ion	Ratio	Lower	Upper
84	100		
86	63.1	42.0	87.2
49	158.7	100.2	208.2

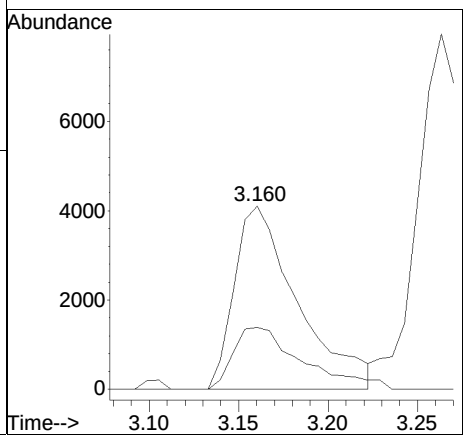


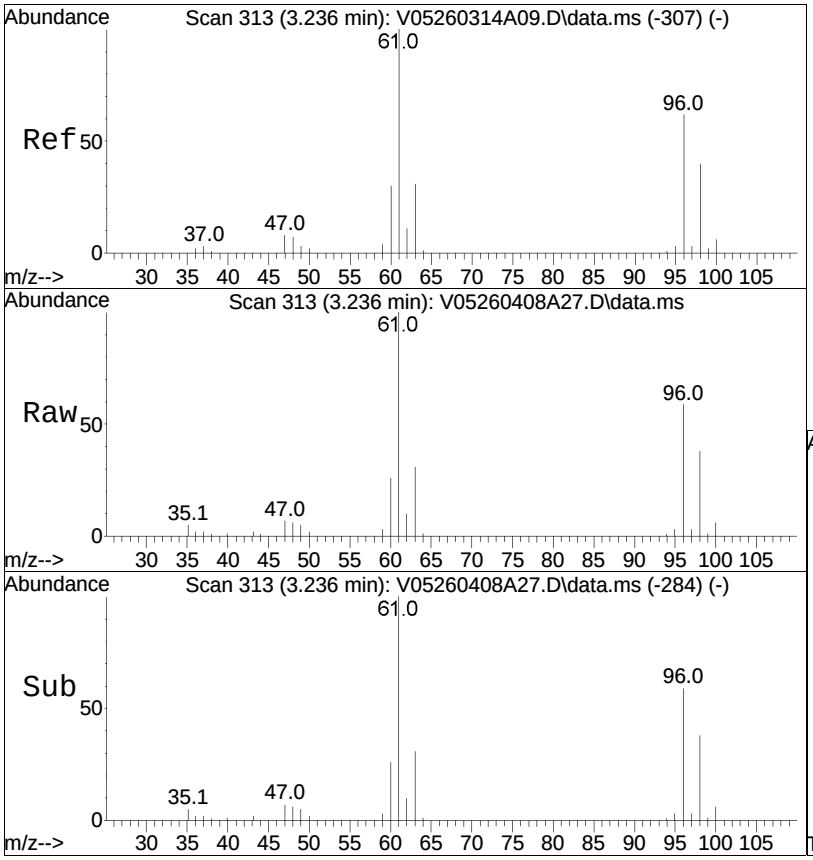


#17
Acetone
Concen: 12.34 ug/L
RT: 3.160 min Scan# 302
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 43 Resp: 10119

Ion	Ratio	Lower	Upper
43	100		
58	36.9	24.7	37.1

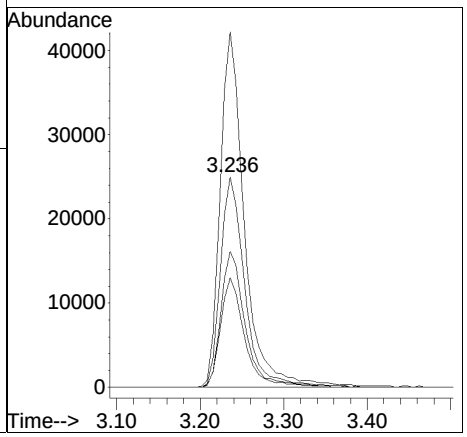


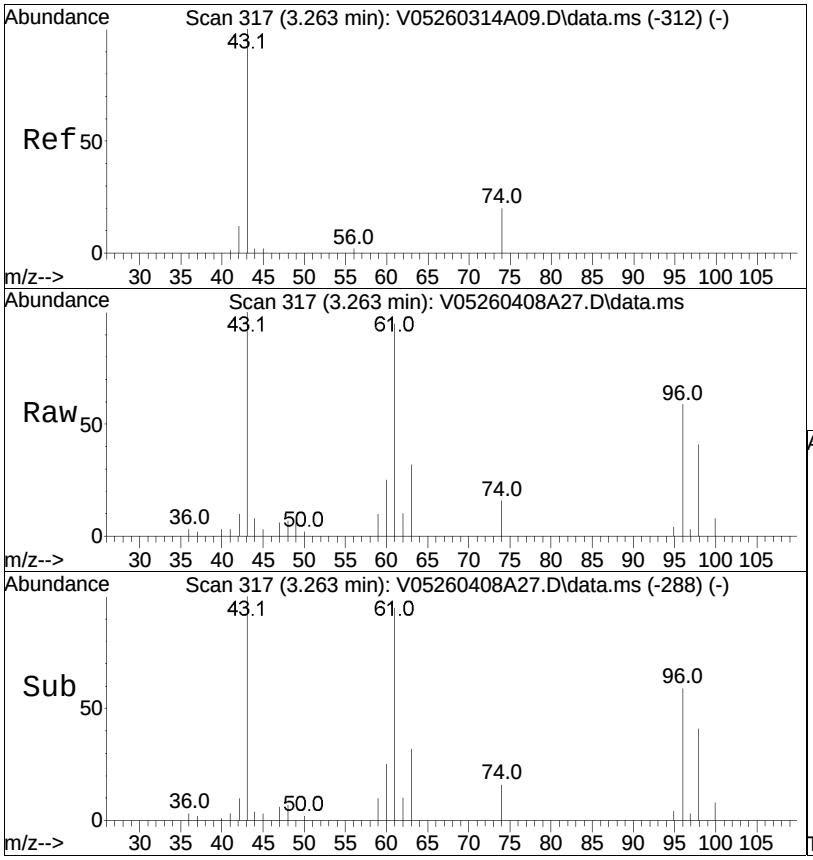


#18
trans-1,2-Dichloroethene
Concen: 10.86 ug/L
RT: 3.236 min Scan# 313
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 96 Resp: 51241

Ion	Ratio	Lower	Upper
96	100		
61	167.4	105.1	218.3
98	64.2	41.5	86.3
63	51.5	33.4	69.4

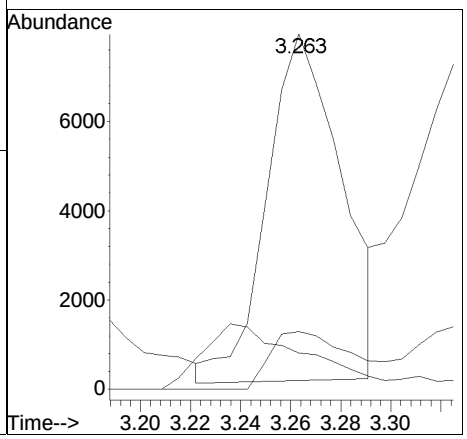


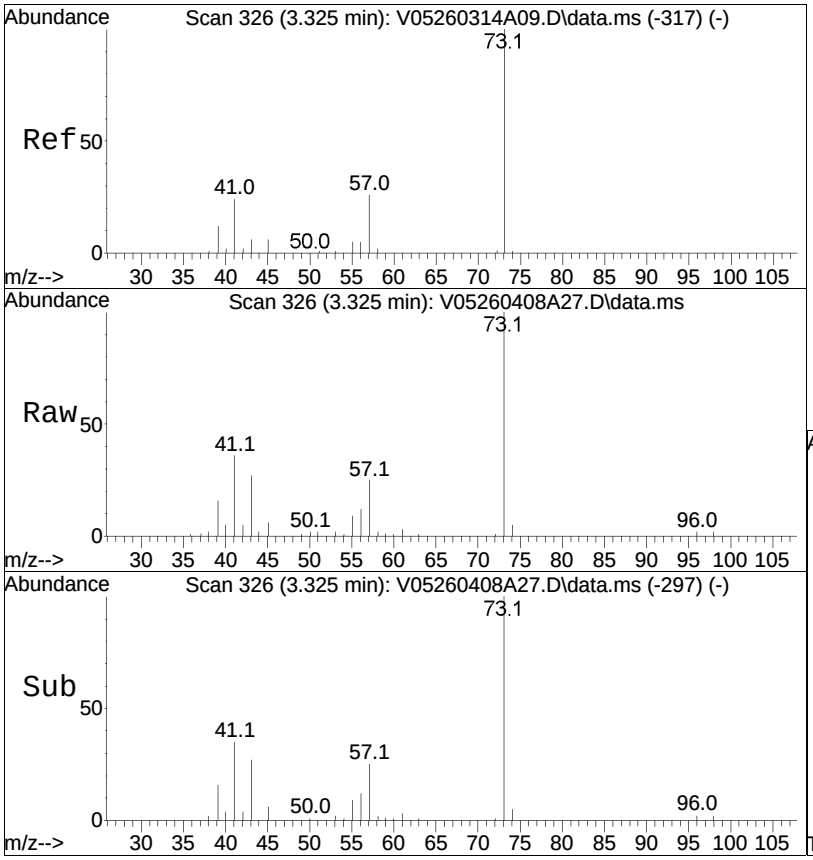


#19
Methyl acetate
Concen: 8.42 ug/L
RT: 3.263 min Scan# 317
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 43 Resp: 16172

Ion	Ratio	Lower	Upper
43	100		
74	18.7	17.1	25.7
59	25.6	21.7	32.5

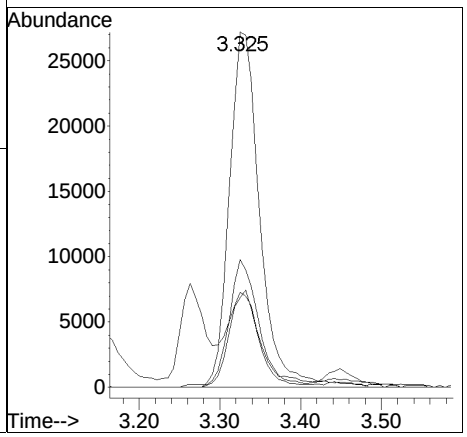


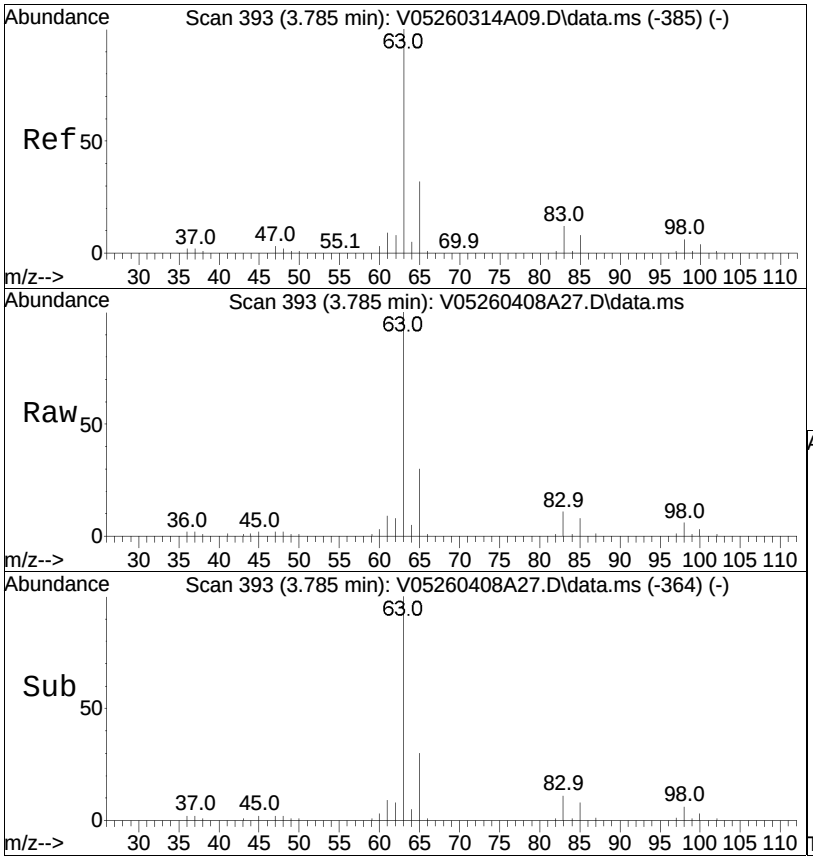


#20
Methyl tert-butyl ether
Concen: 6.73 ug/L
RT: 3.325 min Scan# 326
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 73 Resp: 71853

Ion	Ratio	Lower	Upper
73	100		
57	26.5	16.3	33.8
43	25.7	18.3	37.9
41	32.9	16.1	33.5

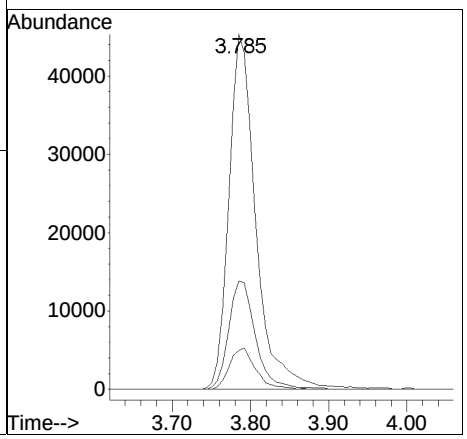


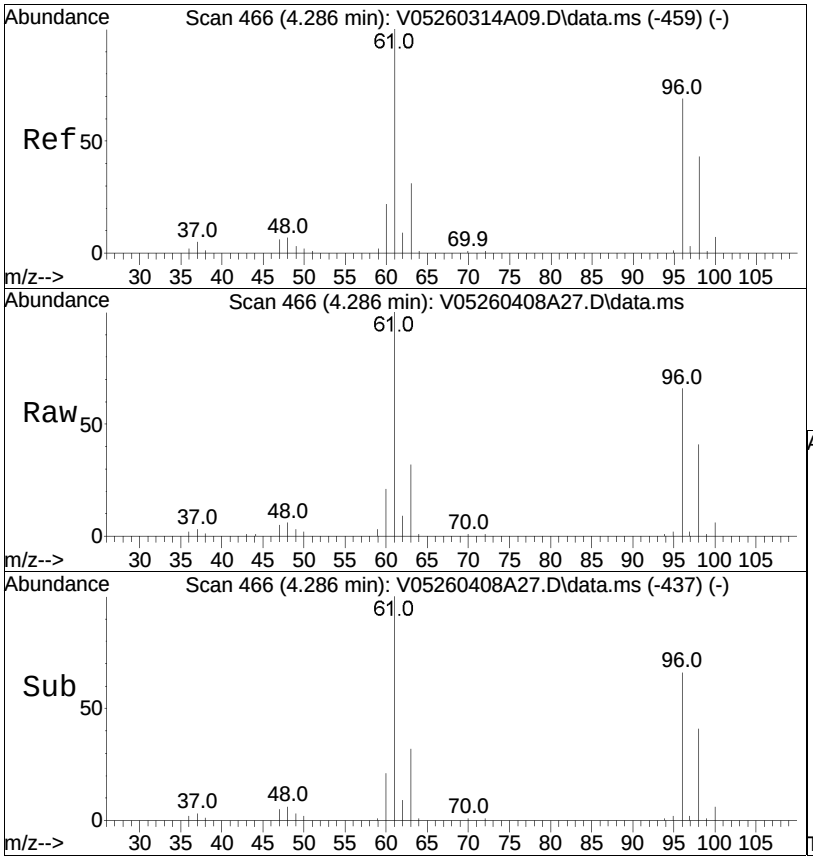


#23
1,1-Dichloroethane
Concen: 11.40 ug/L
RT: 3.785 min Scan# 393
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 63 Resp: 108933

Ion	Ratio	Lower	Upper
63	100		
65	30.5	10.6	50.6
83	11.4	0.0	32.4

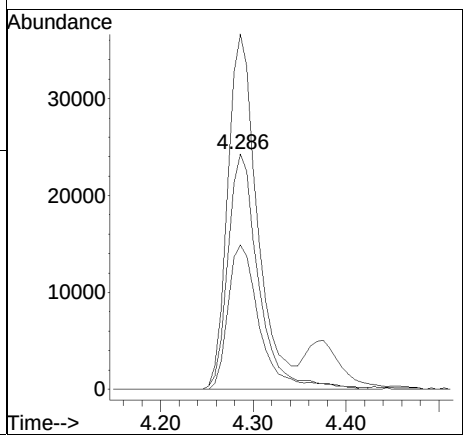


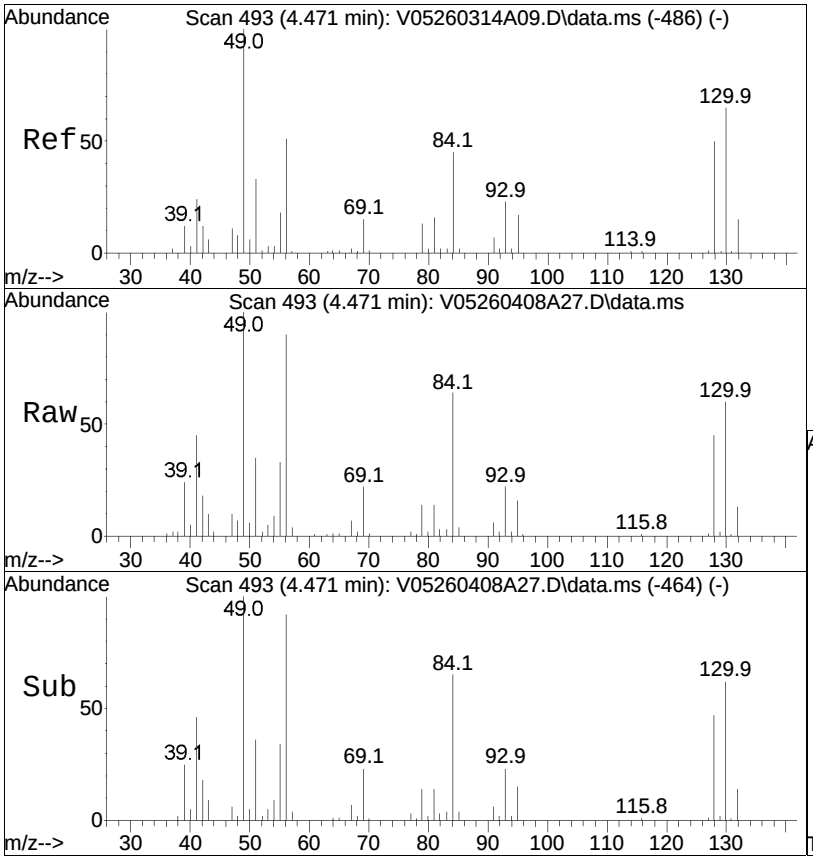


#28
cis-1,2-Dichloroethene
Concen: 10.67 ug/L
RT: 4.286 min Scan# 466
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 96 Resp: 56080

Ion	Ratio	Lower	Upper
96	100		
61	143.8	111.9	167.9
98	63.6	48.4	72.6

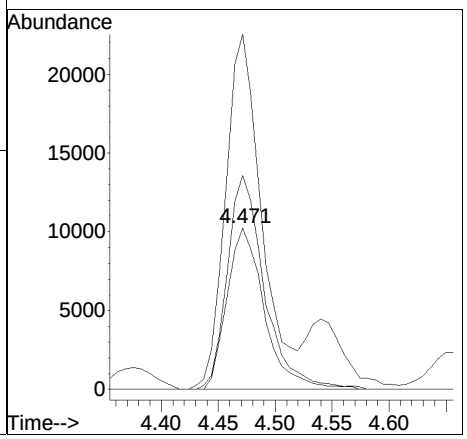


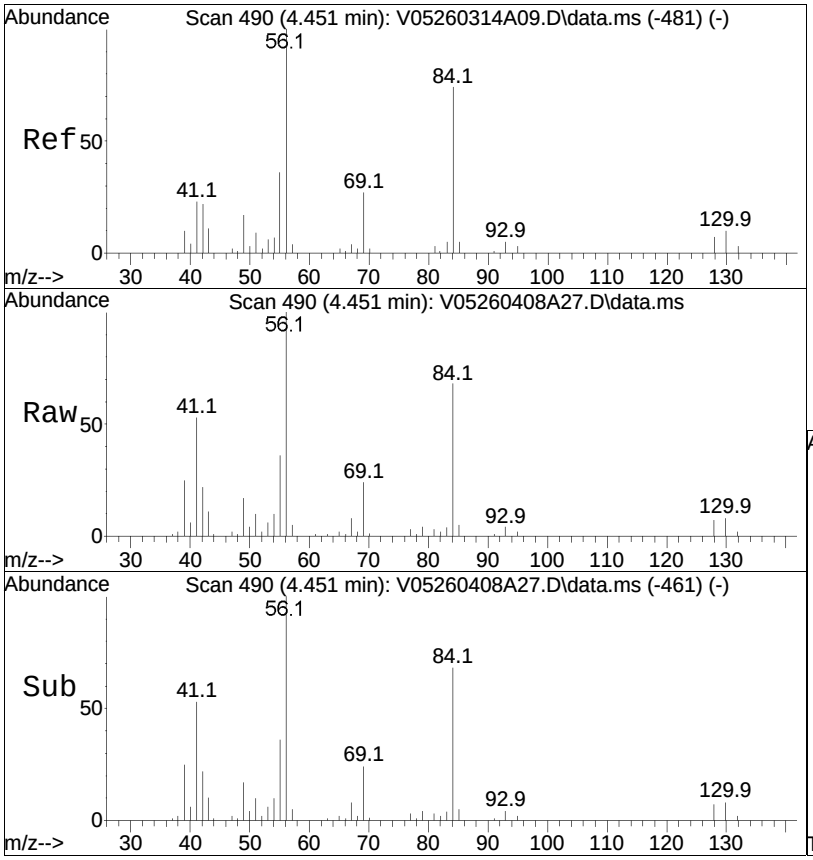


#30
Bromochloromethane
Concen: 10.85 ug/L
RT: 4.471 min Scan# 493
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:128 Resp: 23533

Ion	Ratio	Lower	Upper
128	100		
49	211.4	160.8	241.2
130	131.7	102.7	154.1

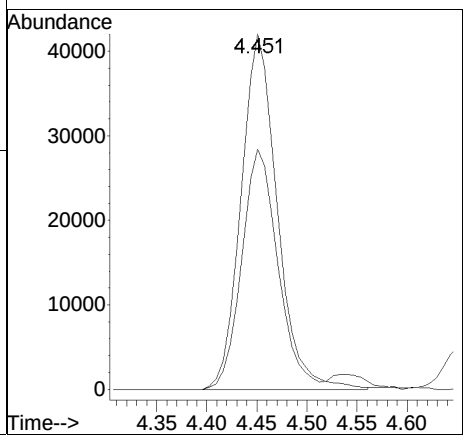


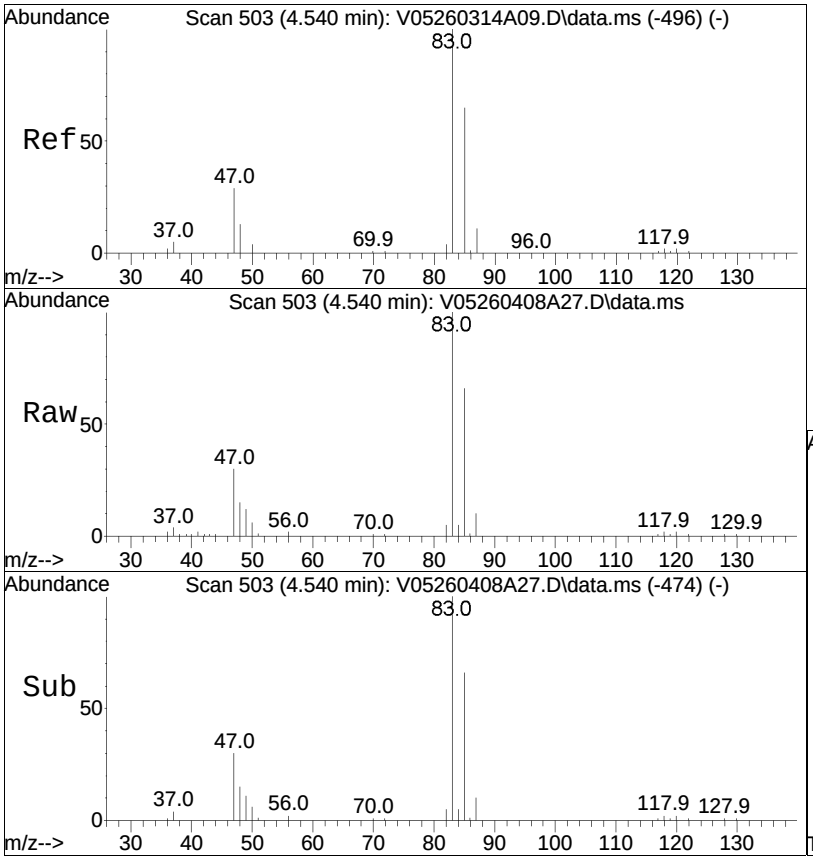


#31
Cyclohexane
Concen: 10.84 ug/L
RT: 4.451 min Scan# 490
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 56 Resp: 105590

Ion	Ratio	Lower	Upper
56	100		
84	67.6	47.6	99.0

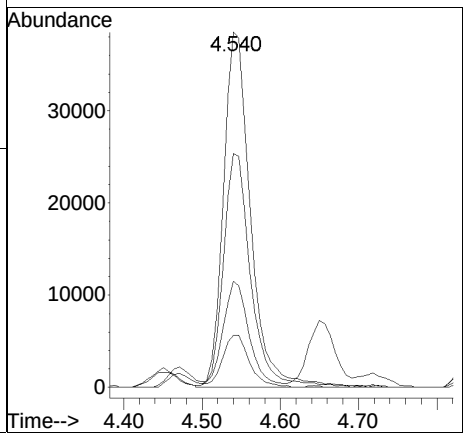


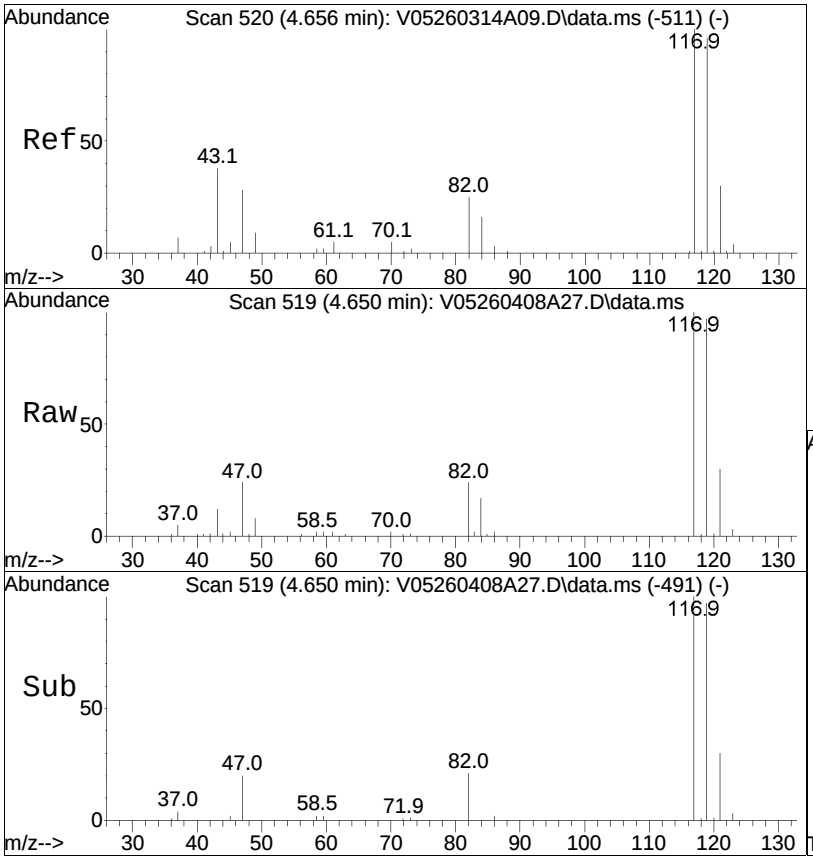


#32
Chloroform
Concen: 10.62 ug/L
RT: 4.540 min Scan# 503
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 83 Resp: 93547

Ion	Ratio	Lower	Upper
83	100		
85	66.2	41.9	87.1
47	25.9	18.5	38.5
48	14.7	10.0	20.8

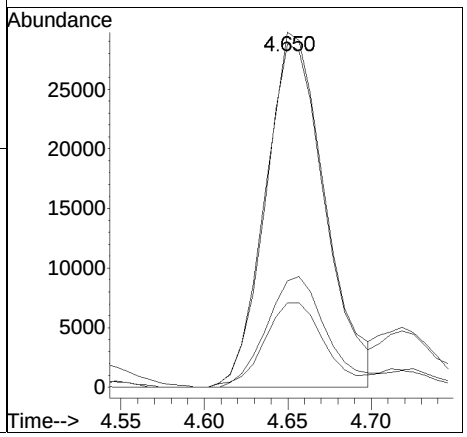


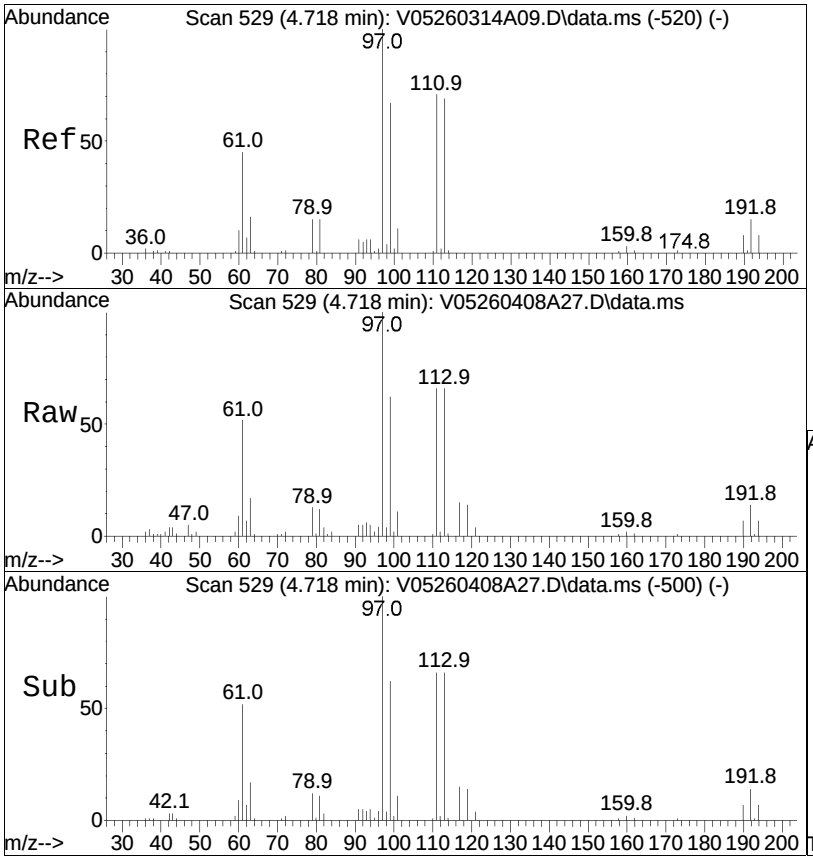


#34
Carbon tetrachloride
Concen: 10.64 ug/L
RT: 4.650 min Scan# 519
Delta R.T. -0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:117 Resp: 74091

Ion	Ratio	Lower	Upper
117	100		
119	96.6	64.0	133.0
121	31.8	19.9	41.3
82	24.4	16.9	35.1

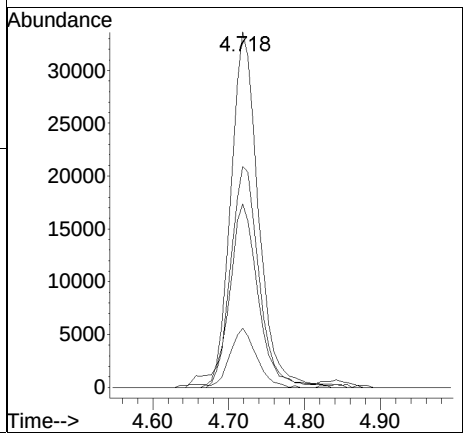


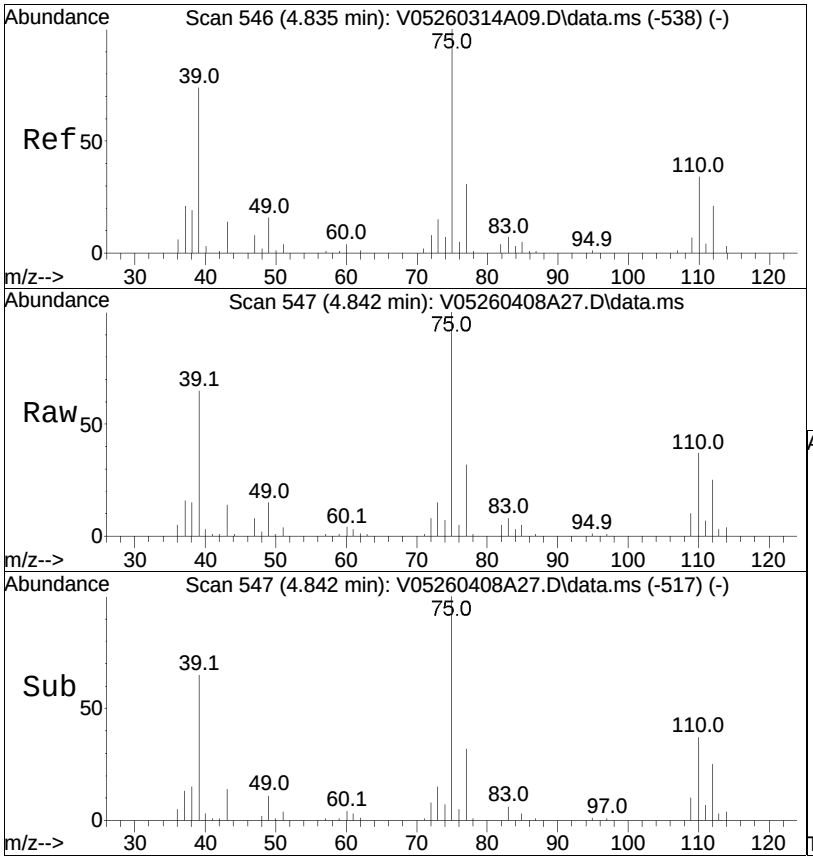


#37
1,1,1-Trichloroethane
Concen: 10.95 ug/L
RT: 4.718 min Scan# 529
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 97 Resp: 85581

Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.3	87.9
61	54.6	35.0	72.6
63	15.8	10.5	21.7

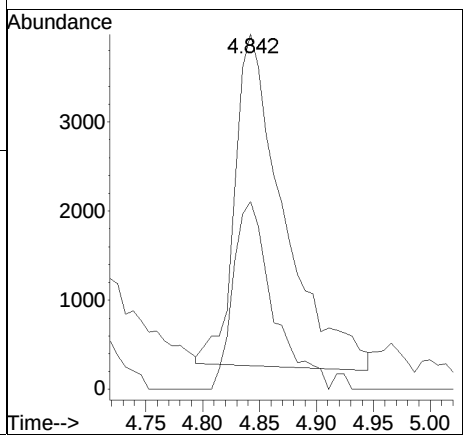


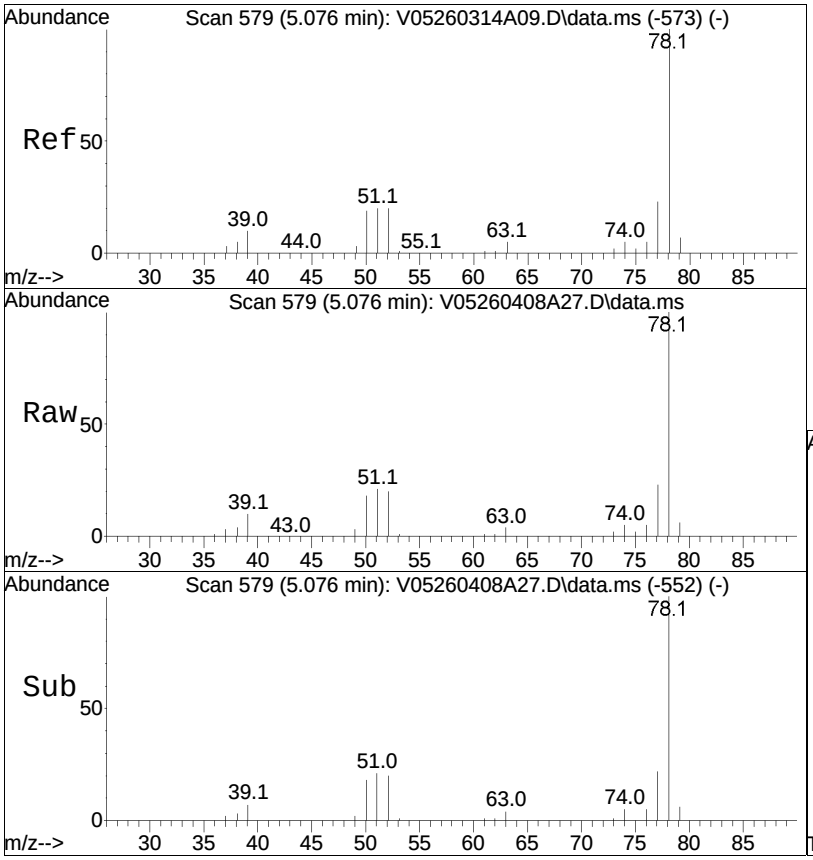


#39
2-Butanone
Concen: 9.26 ug/L
RT: 4.842 min Scan# 547
Delta R.T. 0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 43 Resp: 11148

Ion	Ratio	Lower	Upper
43	100		
72	46.3	39.2	58.8

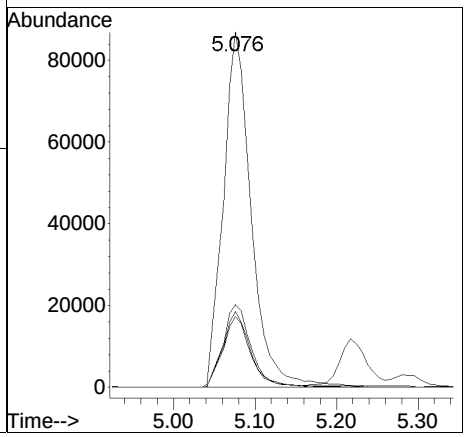


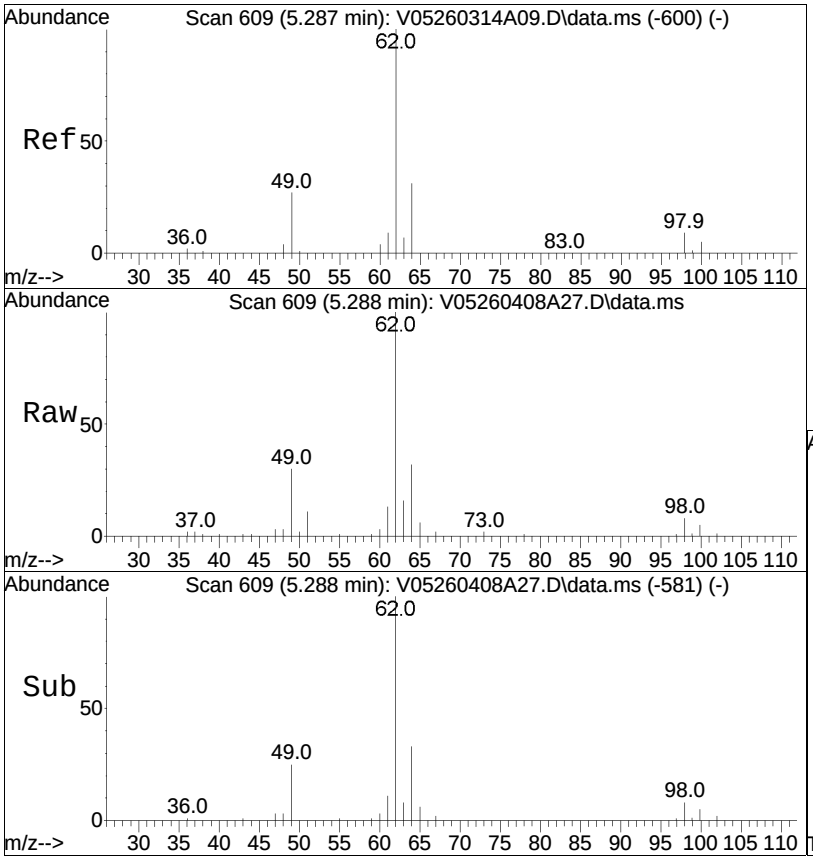


#41
Benzene
Concen: 10.72 ug/L
RT: 5.076 min Scan# 579
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 78 Resp: 202686

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.5	32.1
51	21.6	13.6	28.2
52	20.3	12.8	26.6

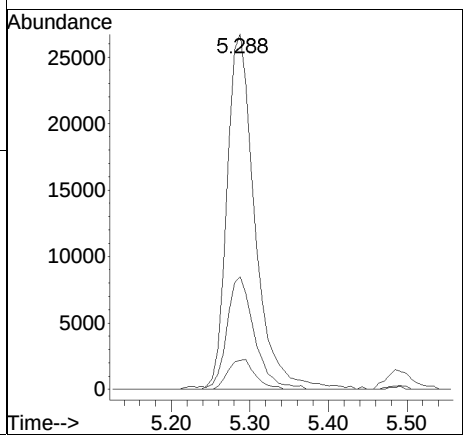


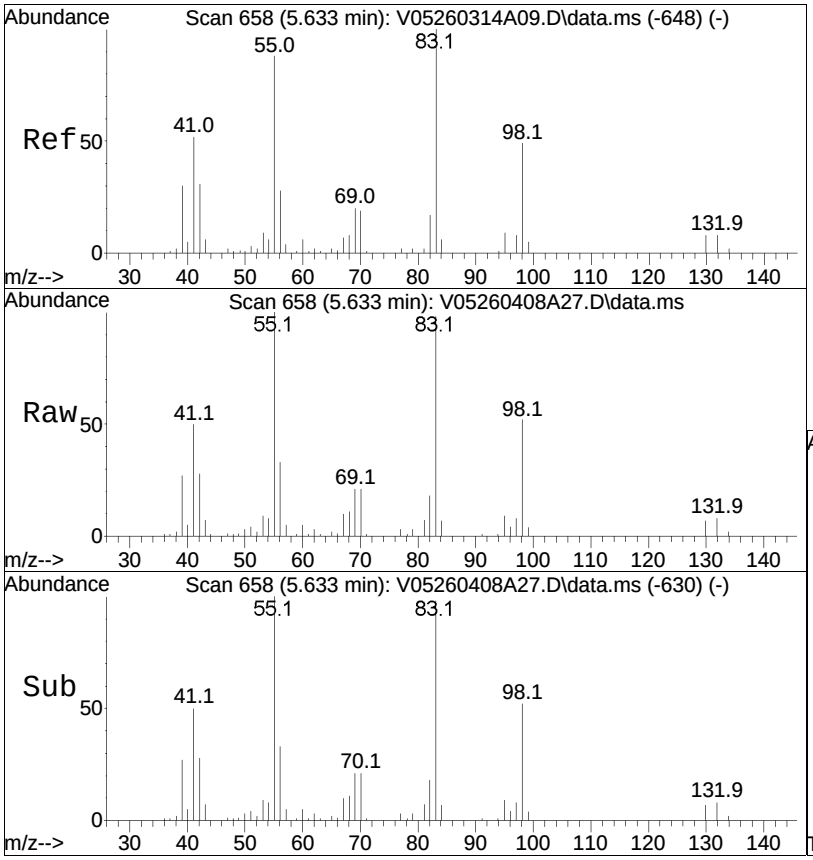


#44
1,2-Dichloroethane
Concen: 10.37 ug/L
RT: 5.288 min Scan# 609
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 62 Resp: 66239

Ion	Ratio	Lower	Upper
62	100		
64	31.2	12.5	52.5
98	8.2	0.0	28.2

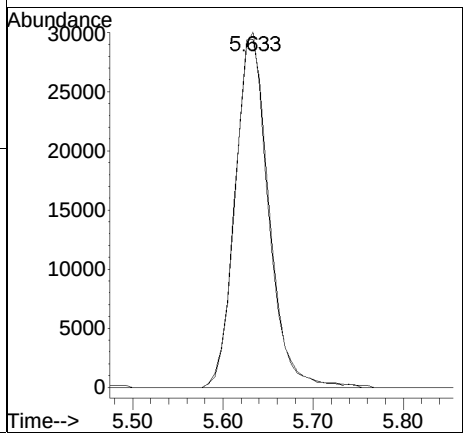


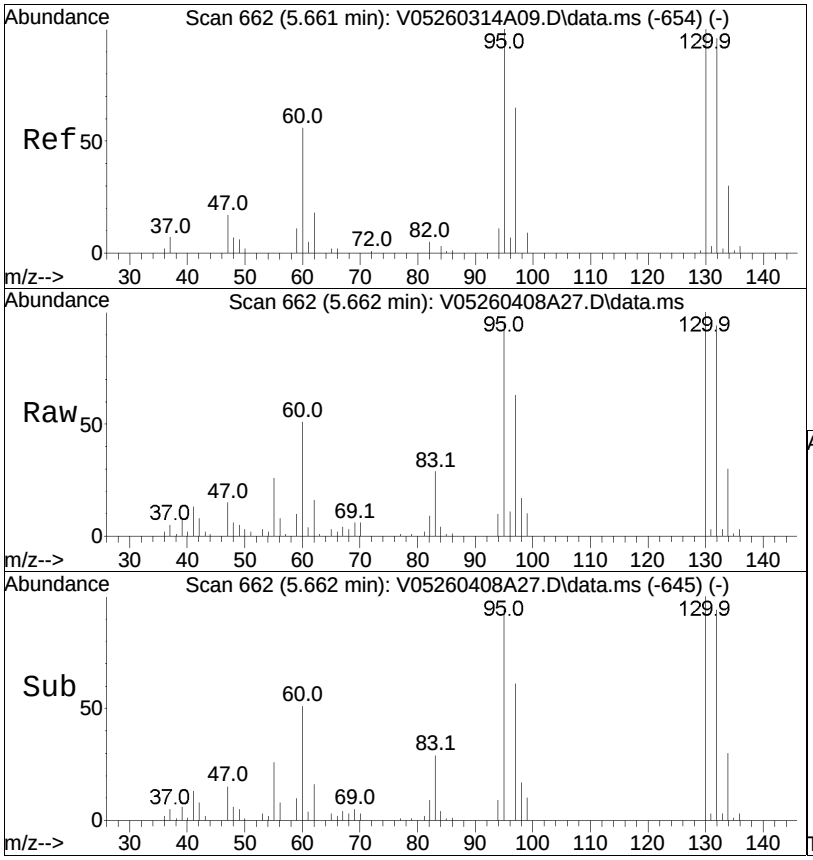


#47
Methyl cyclohexane
Concen: 9.36 ug/L
RT: 5.633 min Scan# 658
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 83 Resp: 77255

Ion	Ratio	Lower	Upper
83	100		
55	99.1	73.4	110.2

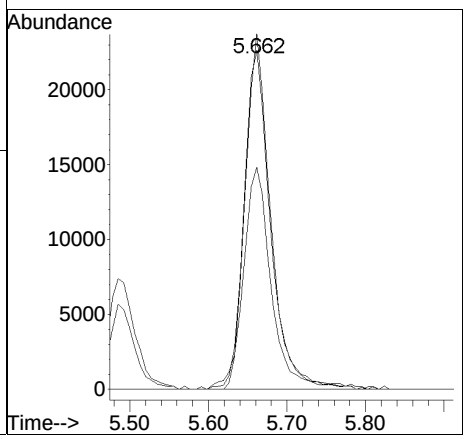


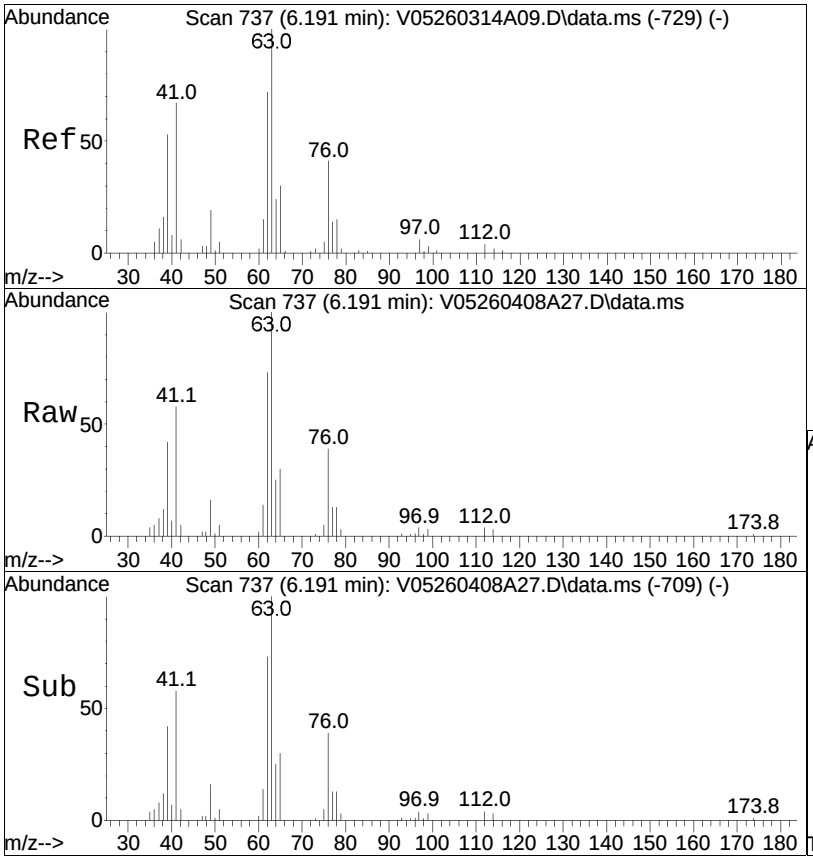


#48
Trichloroethene
Concen: 10.10 ug/L
RT: 5.662 min Scan# 662
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 95 Resp: 54024

Ion	Ratio	Lower	Upper
95	100		
97	68.0	53.3	79.9
130	99.0	81.0	121.4

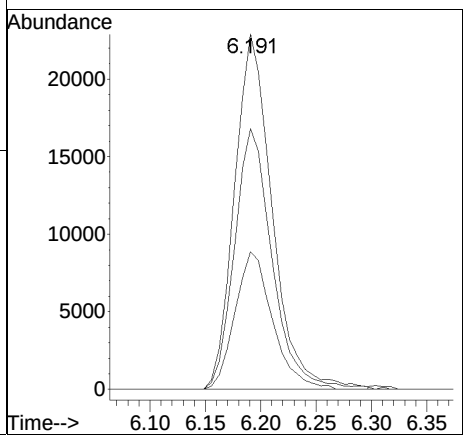


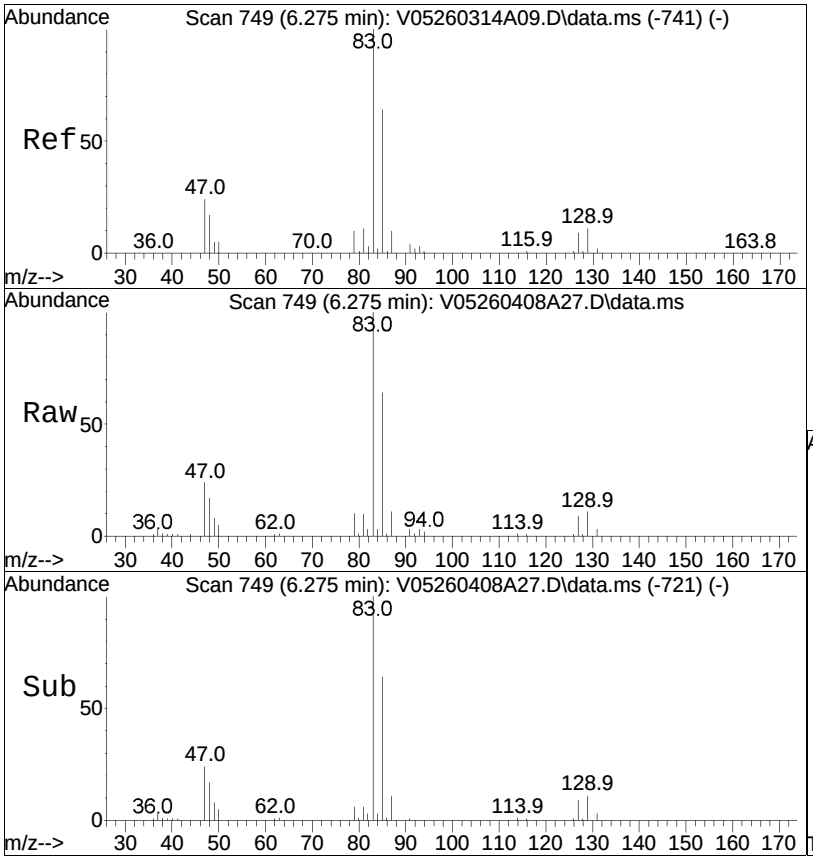


#51
1,2-Dichloropropane
Concen: 10.58 ug/L
RT: 6.191 min Scan# 737
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 63 Resp: 54328

Ion	Ratio	Lower	Upper
63	100		
62	73.4	57.7	86.5
76	38.6	33.0	49.6

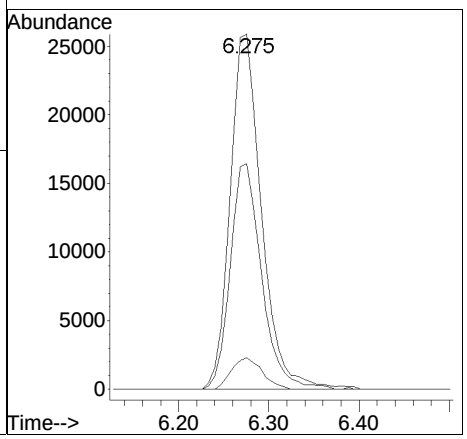


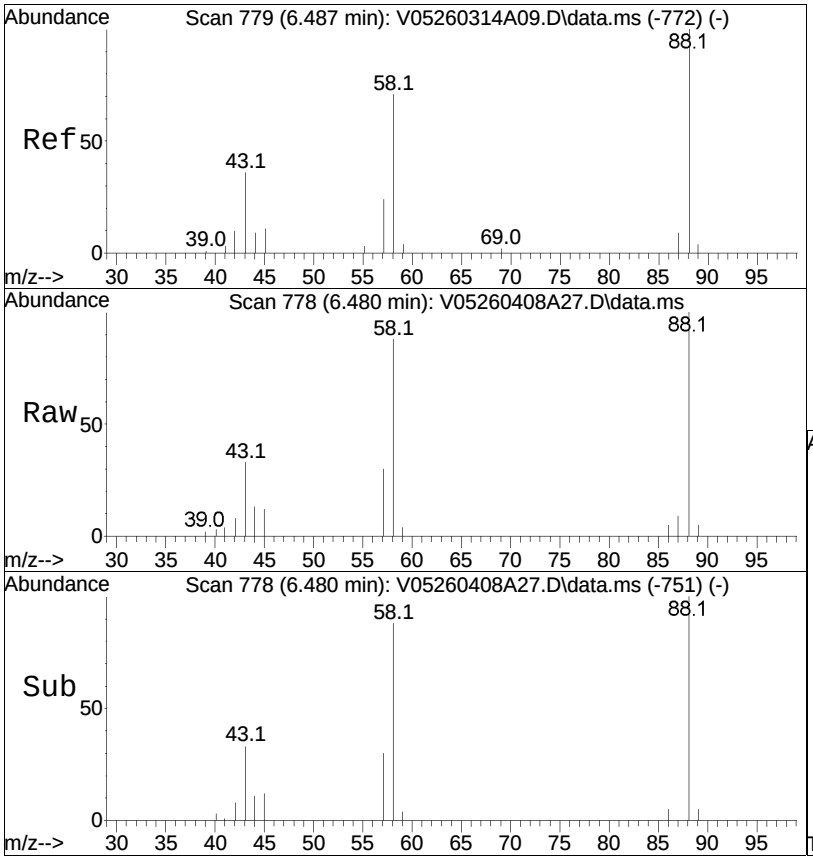


#54
Bromodichloromethane
Concen: 9.35 ug/L
RT: 6.275 min Scan# 749
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 83 Resp: 62741

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3
127	8.8	6.5	9.7

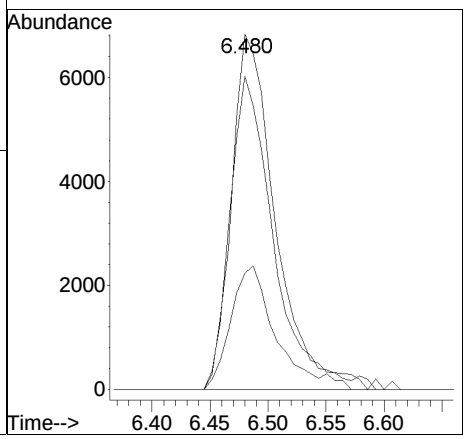


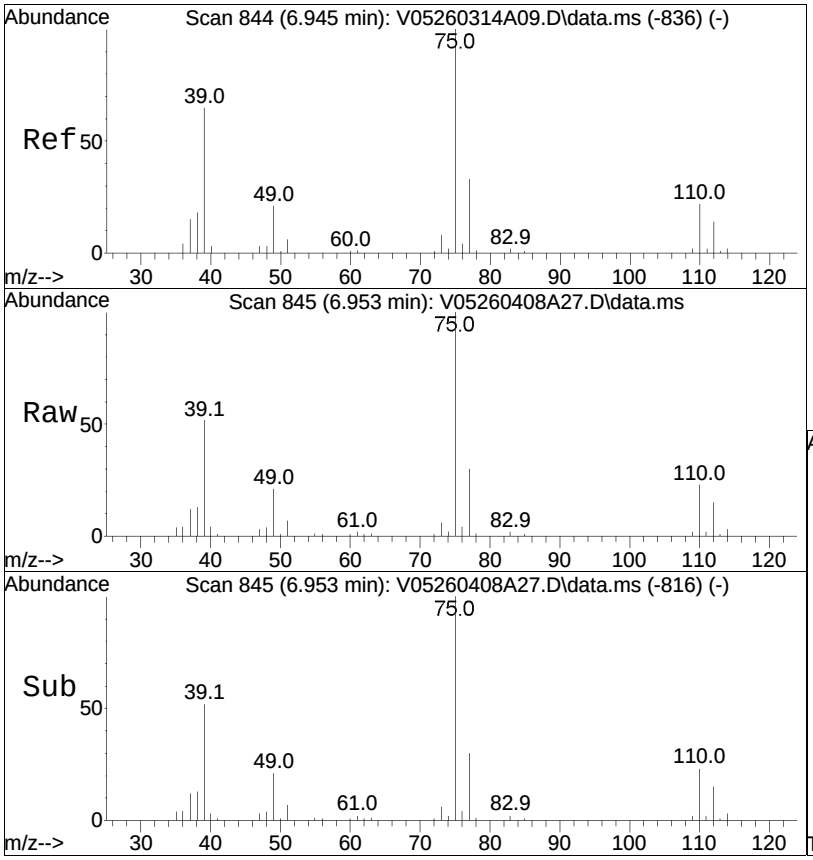


#57
1,4-Dioxane
Concen: 720.07 ug/L
RT: 6.480 min Scan# 778
Delta R.T. -0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 88 Resp: 17961

Ion	Ratio	Lower	Upper
88	100		
58	88.1	62.0	93.0
43	36.0	29.3	43.9

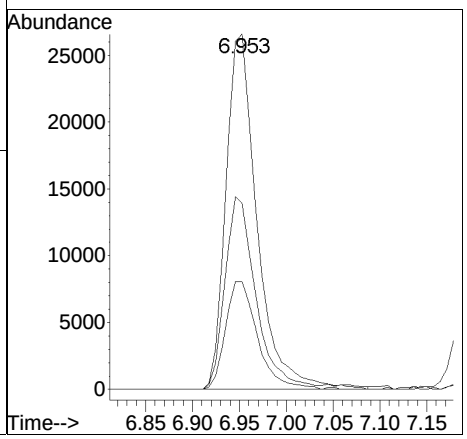


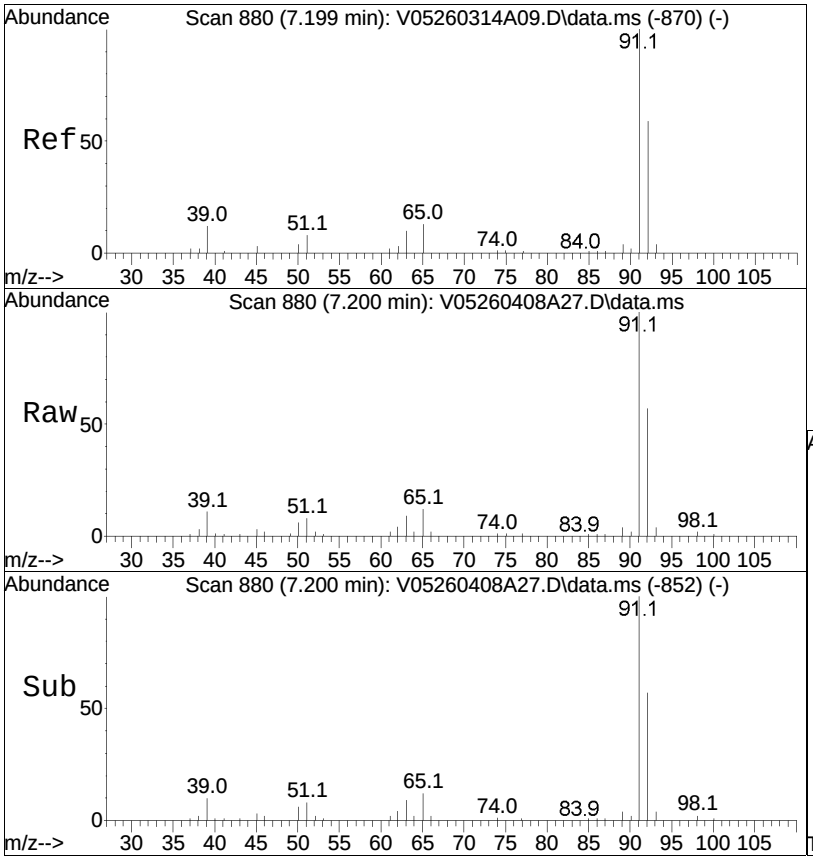


#58
cis-1,3-Dichloropropene
Concen: 8.42 ug/L
RT: 6.953 min Scan# 845
Delta R.T. 0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 75 Resp: 61889

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	53.8	53.2	79.8

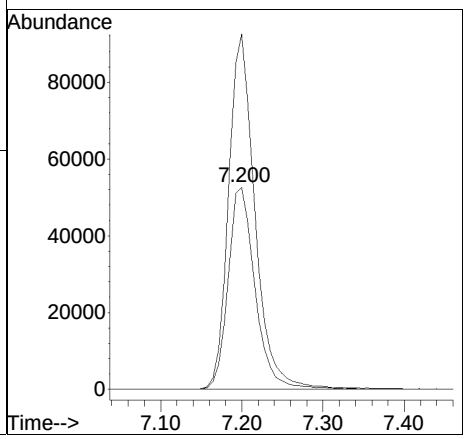


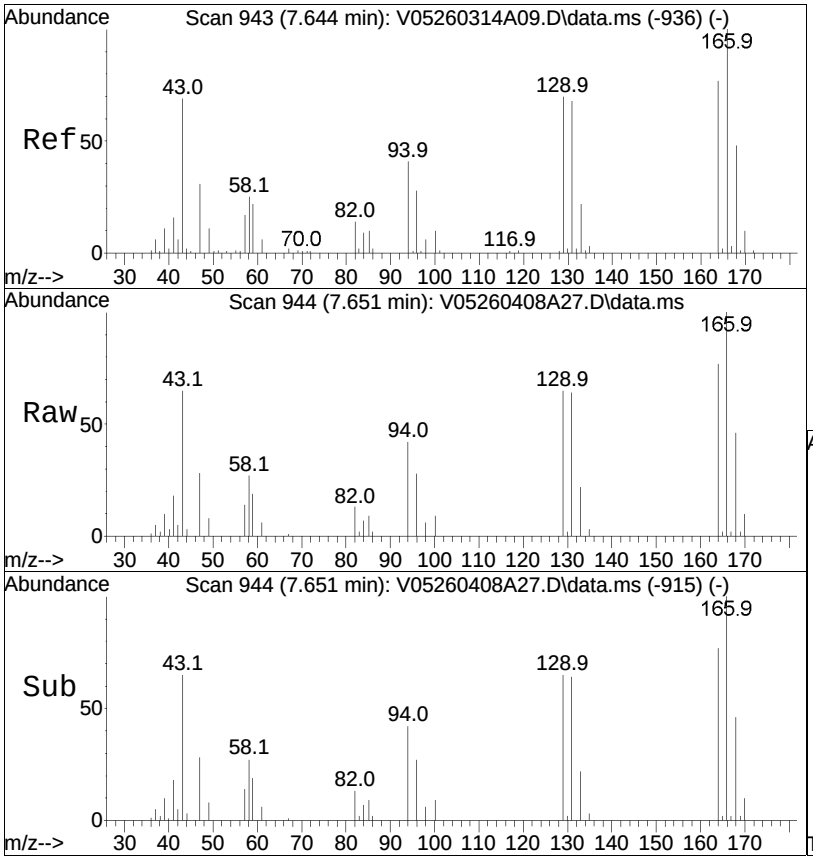


#61
Toluene
Concen: 9.88 ug/L
RT: 7.200 min Scan# 880
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 92 Resp: 121817

Ion	Ratio	Lower	Upper
92	100		
91	172.2	135.5	203.3

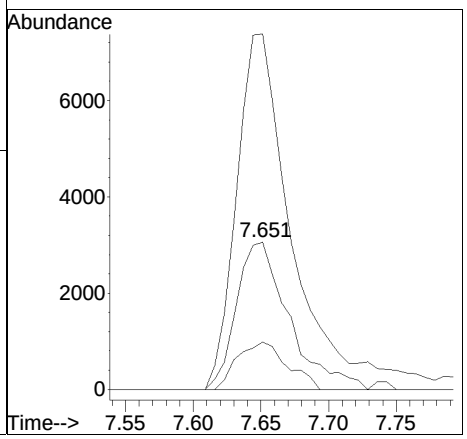


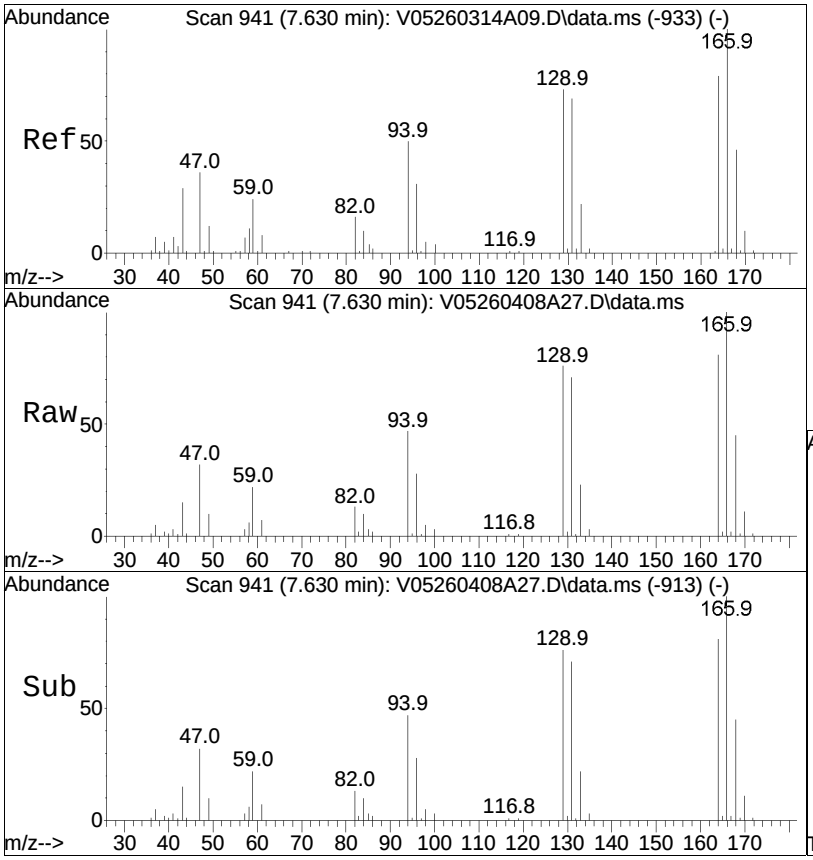


#62
4-Methyl-2-pentanone
Concen: 7.51 ug/L
RT: 7.651 min Scan# 944
Delta R.T. 0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 58 Resp: 8264

Ion	Ratio	Lower	Upper
58	100		
100	30.6	27.6	41.4
43	258.9	214.2	321.2

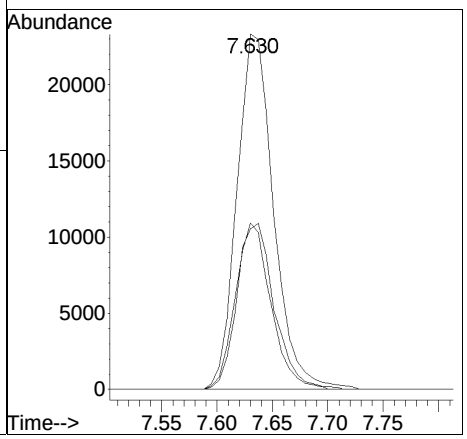


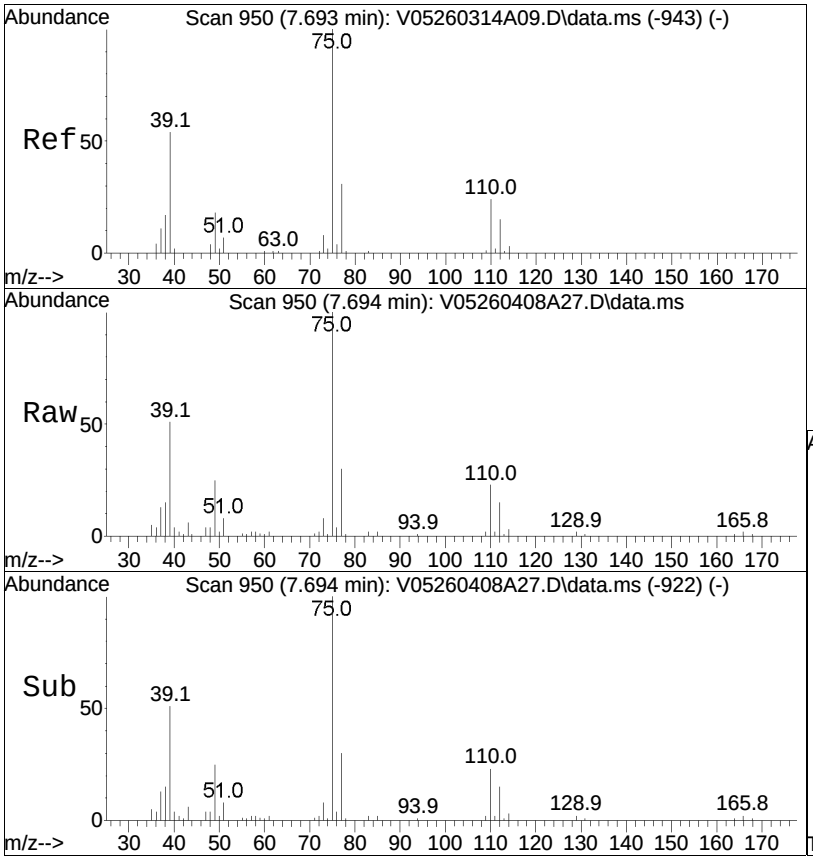


#63
Tetrachloroethene
Concen: 10.40 ug/L
RT: 7.630 min Scan# 941
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:166 Resp: 53769

Ion	Ratio	Lower	Upper
166	100		
168	47.4	27.8	67.8
94	45.5	27.4	67.4

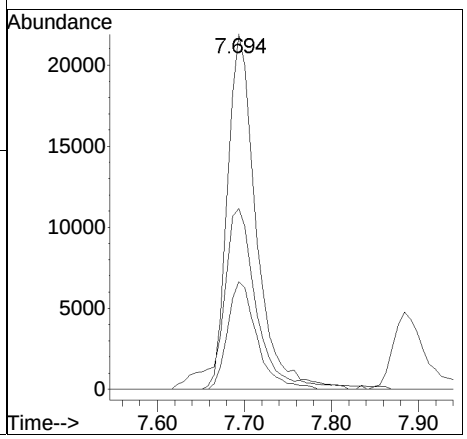


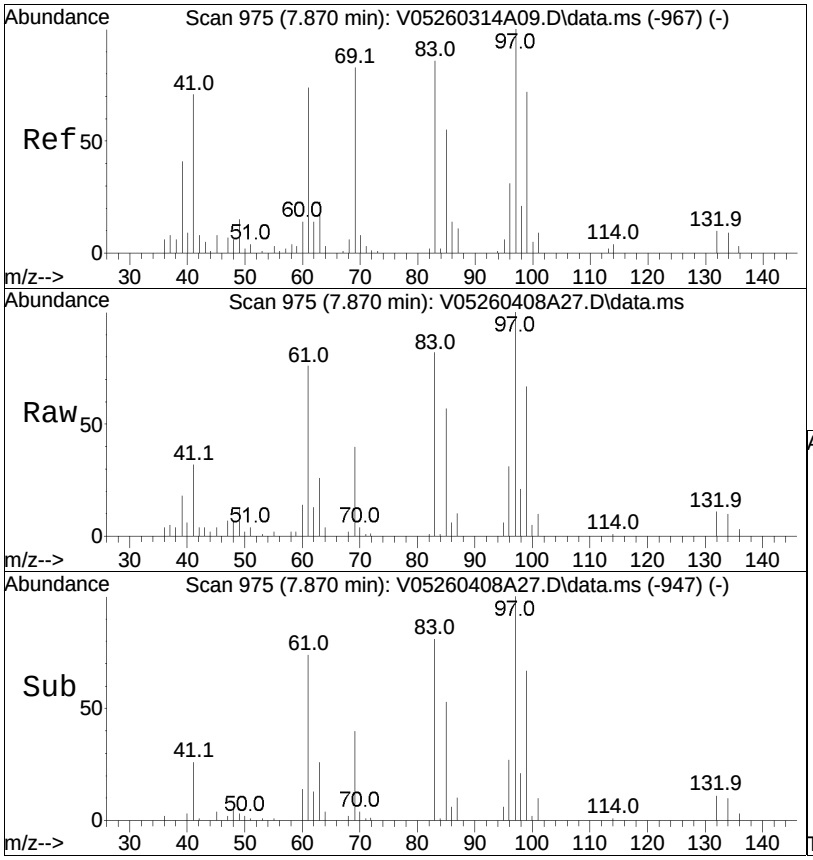


#65
trans-1,3-Dichloropropene
Concen: 8.20 ug/L
RT: 7.694 min Scan# 950
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 75 Resp: 50642

Ion	Ratio	Lower	Upper
75	100		
77	30.9	11.5	51.5
39	59.5	40.9	80.9

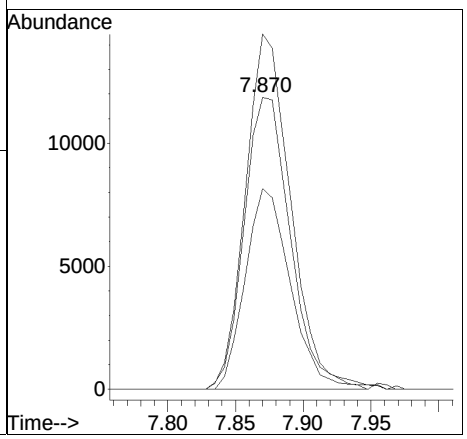


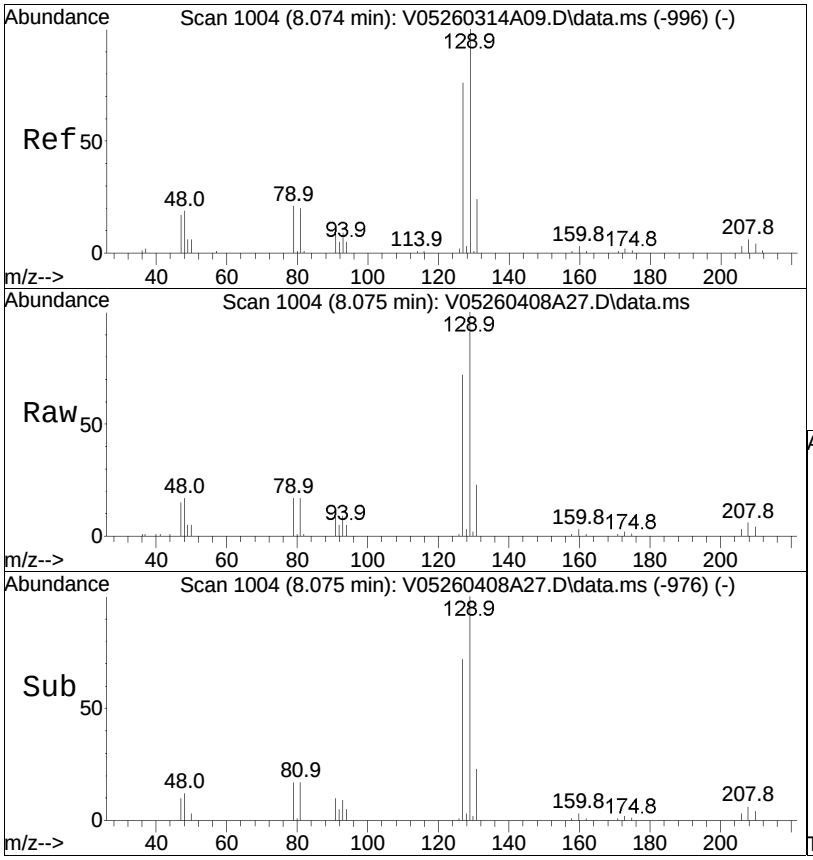


#68
1,1,2-Trichloroethane
Concen: 9.53 ug/L
RT: 7.870 min Scan# 975
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 83 Resp: 28210

Ion	Ratio	Lower	Upper
83	100		
97	119.6	95.5	135.5
85	67.9	46.9	86.9

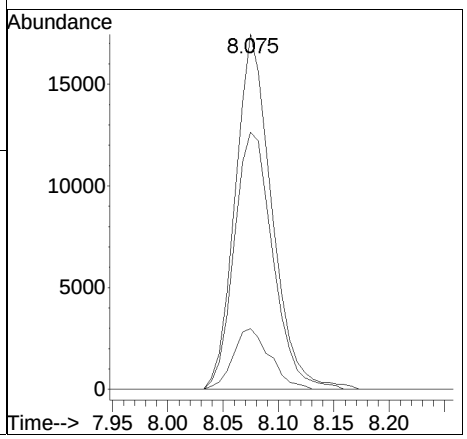


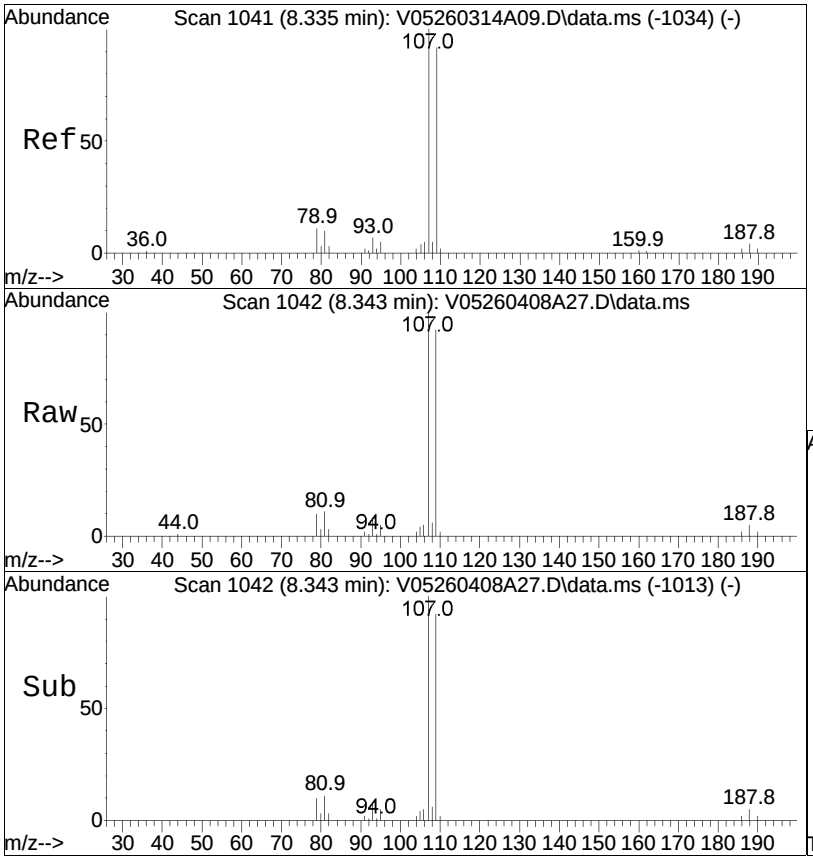


#69
Chlorodibromomethane
Concen: 9.15 ug/L
RT: 8.075 min Scan# 1004
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:129 Resp: 40092

Ion	Ratio	Lower	Upper
129	100		
81	17.4	0.0	39.4
127	76.7	57.9	97.9

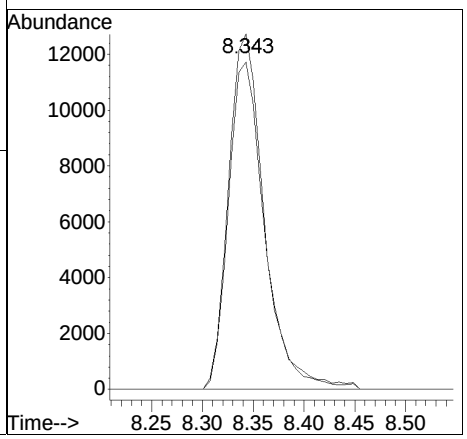


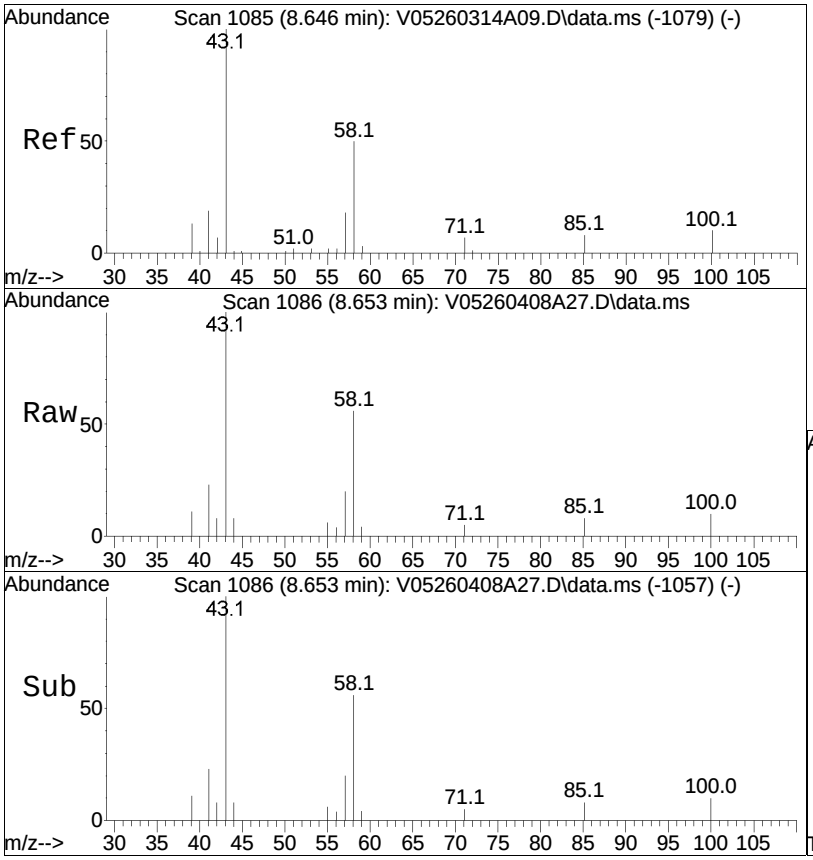


#71
1,2-Dibromoethane
Concen: 9.33 ug/L
RT: 8.343 min Scan# 1042
Delta R.T. 0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:107 Resp: 31445

Ion	Ratio	Lower	Upper
107	100		
109	92.8	76.2	114.2

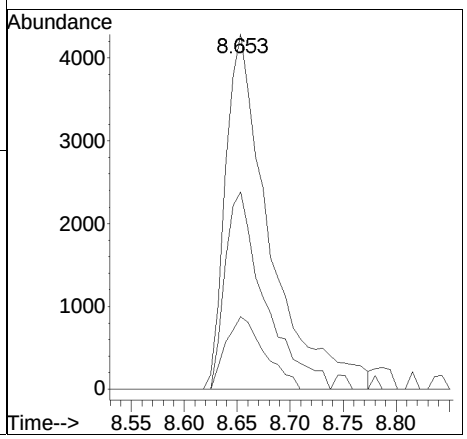


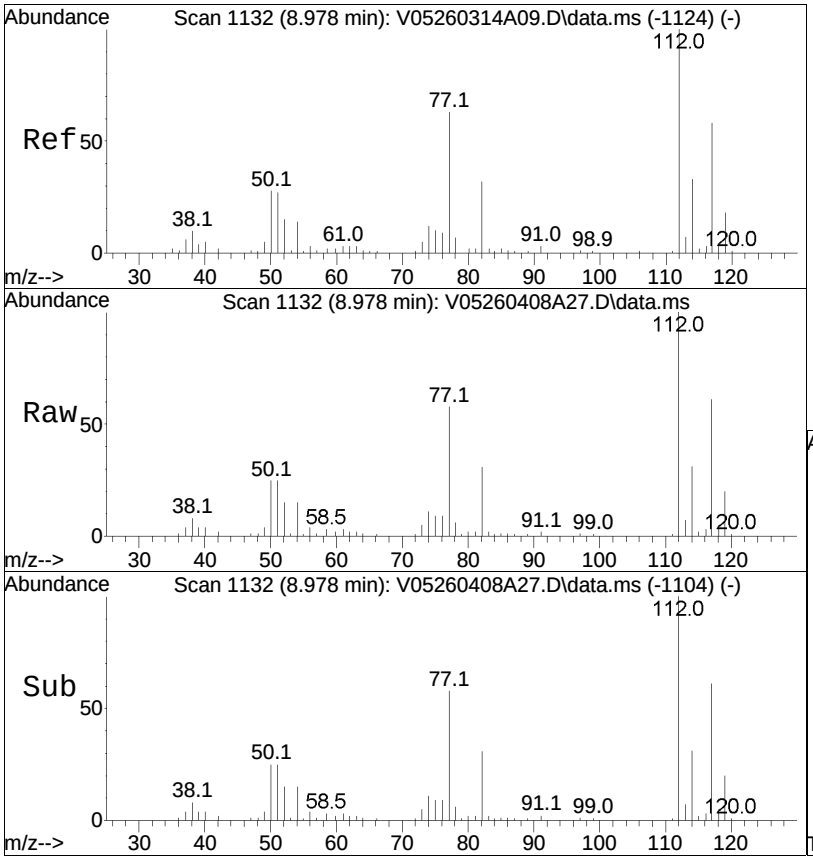


#72
2-Hexanone
Concen: 6.83 ug/L
RT: 8.653 min Scan# 1086
Delta R.T. 0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 43 Resp: 12523

Ion	Ratio	Lower	Upper
43	100		
58	49.7	42.8	64.2
57	17.9	15.8	23.6

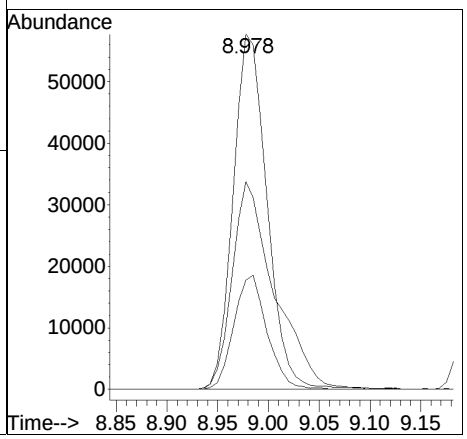


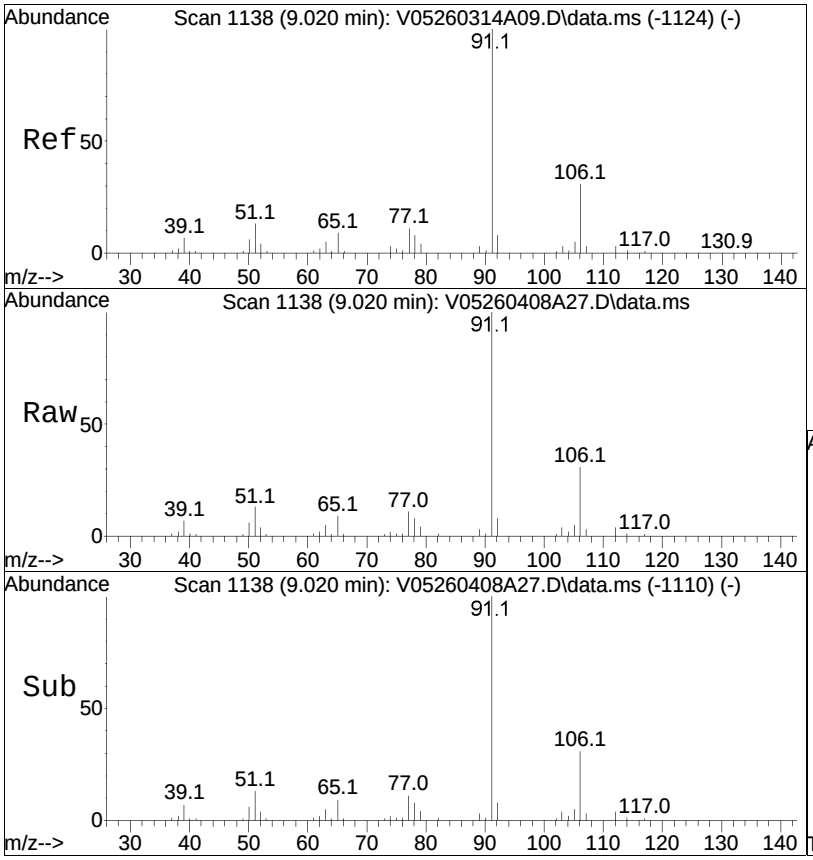


#73
Chlorobenzene
Concen: 10.09 ug/L
RT: 8.978 min Scan# 1132
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:112 Resp: 133768

Ion	Ratio	Lower	Upper
112	100		
77	73.3	61.6	92.4
114	31.5	25.8	38.8

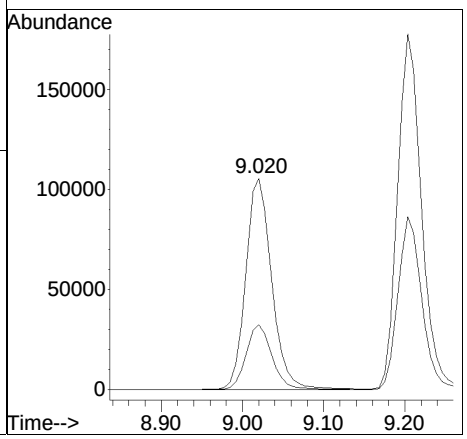


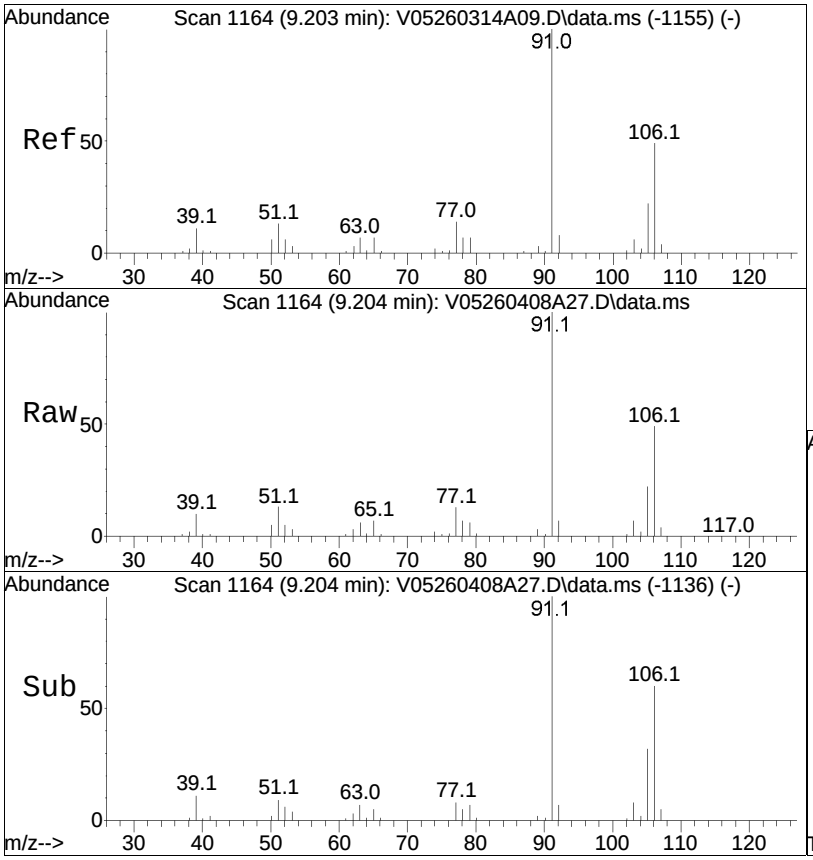


#74
Ethylbenzene
Concen: 9.57 ug/L
RT: 9.020 min Scan# 1138
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 91 Resp: 234381

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.4	36.6

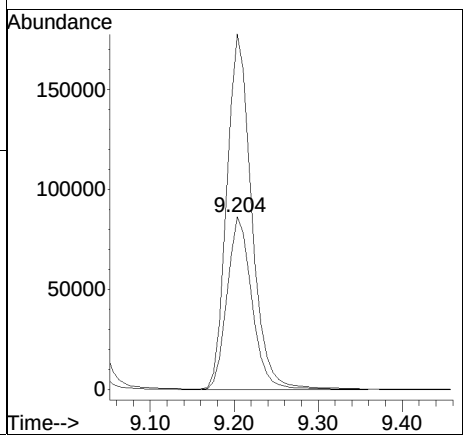


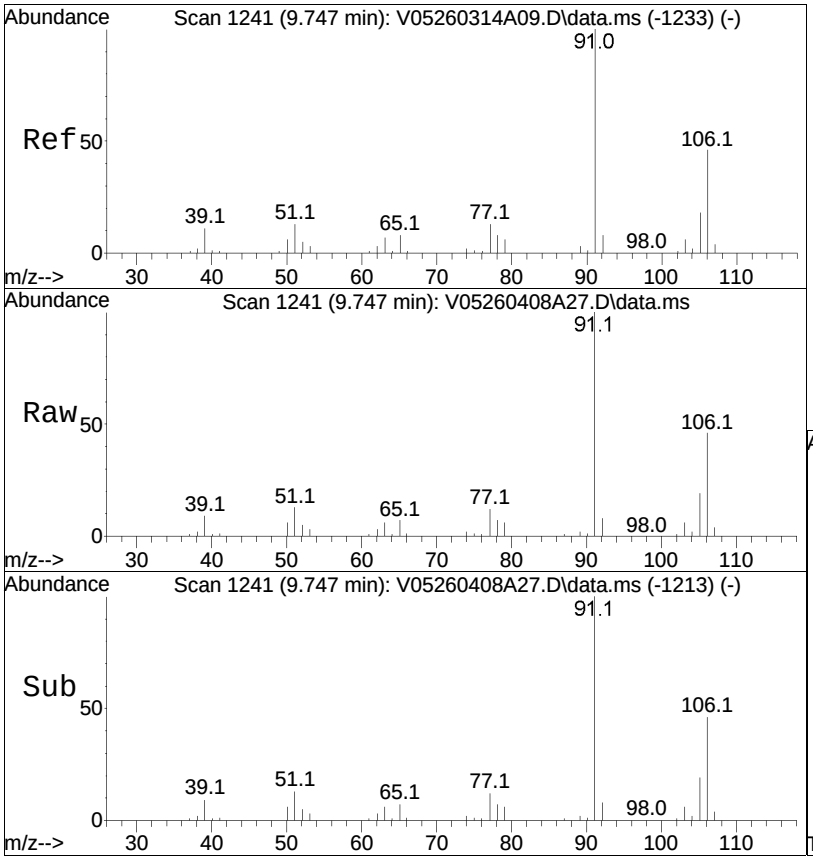


#76
p/m Xylene
Concen: 19.40 ug/L
RT: 9.204 min Scan# 1164
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:106 Resp: 177265

Ion	Ratio	Lower	Upper
106	100		
91	204.7	162.0	243.0

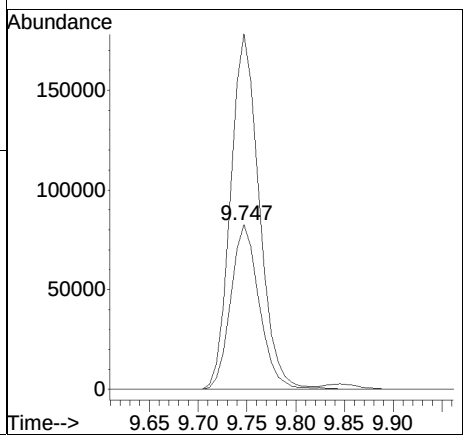


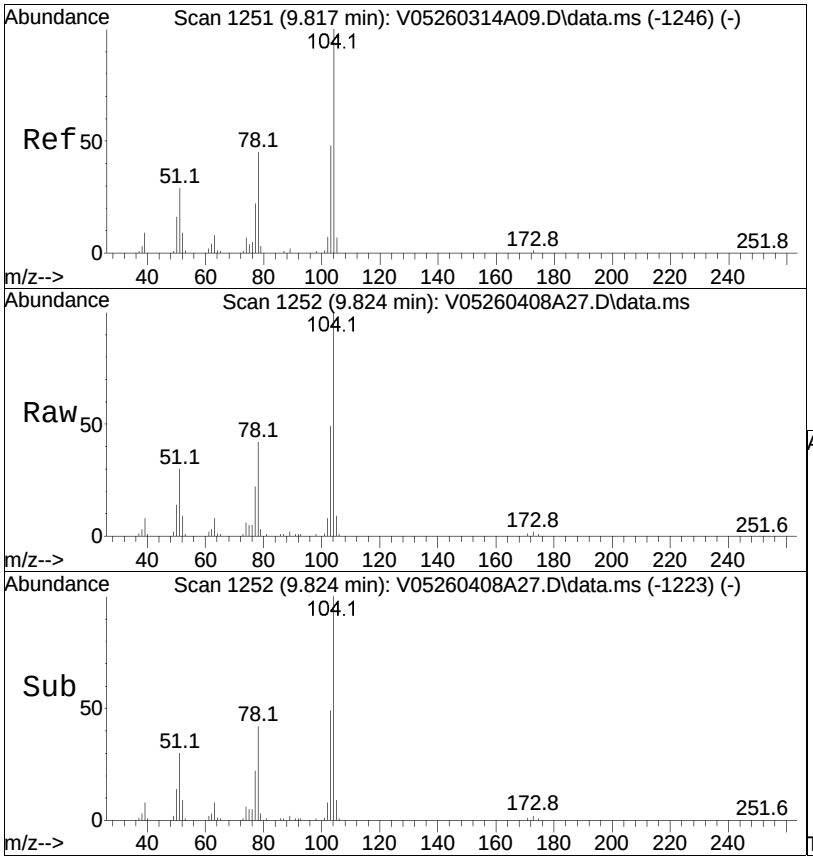


#77
o Xylene
Concen: 19.14 ug/L
RT: 9.747 min Scan# 1241
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:106 Resp: 168986

Ion	Ratio	Lower	Upper
106	100		
91	215.1	172.7	259.1

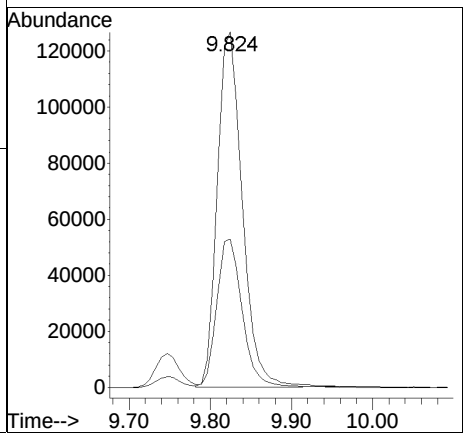


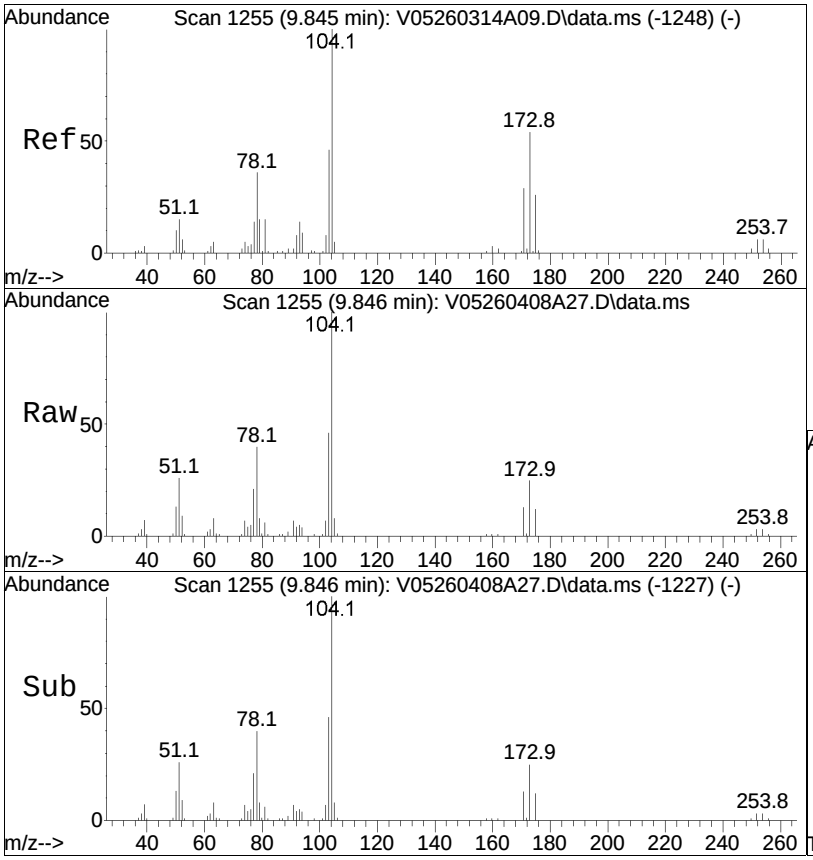


#78
Styrene
Concen: 18.91 ug/L
RT: 9.824 min Scan# 1252
Delta R.T. 0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:104 Resp: 271180

Ion	Ratio	Lower	Upper
104	100		
78	42.8	36.0	54.0

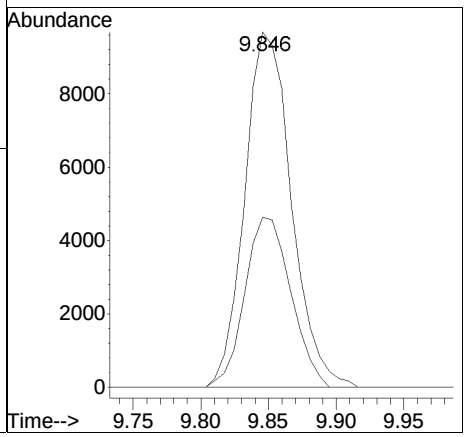


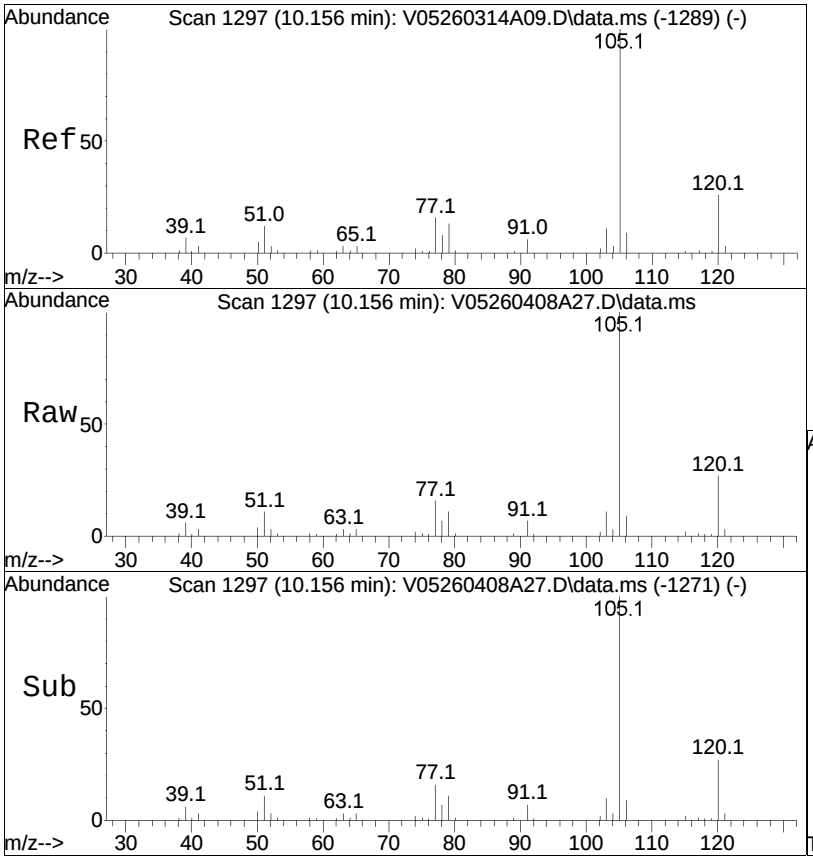


#80
Bromoform
Concen: 7.89 ug/L
RT: 9.846 min Scan# 1255
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:173 Resp: 23252

Ion	Ratio	Lower	Upper
173	100		
175	47.2	29.4	69.4

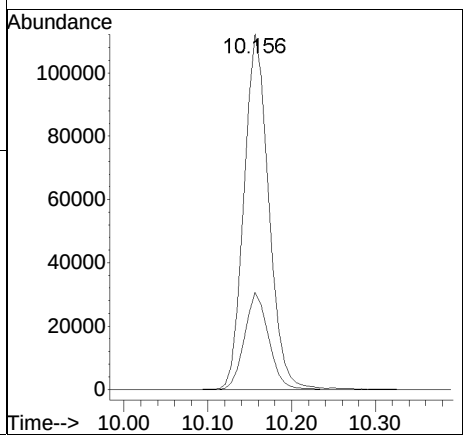


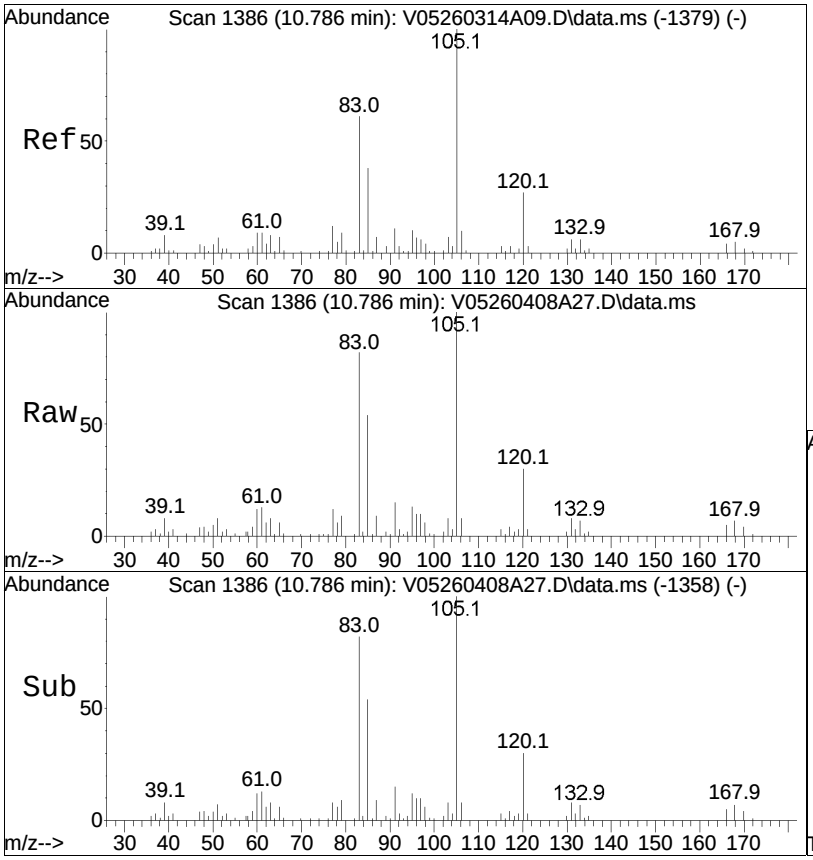


#82
Isopropylbenzene
Concen: 8.36 ug/L
RT: 10.156 min Scan# 1297
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:105 Resp: 247861

Ion	Ratio	Lower	Upper
105	100		
120	27.2	6.7	46.7

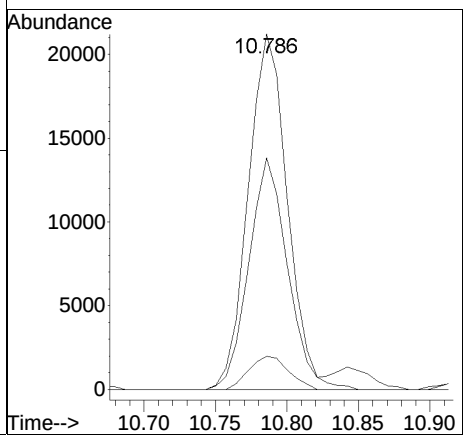


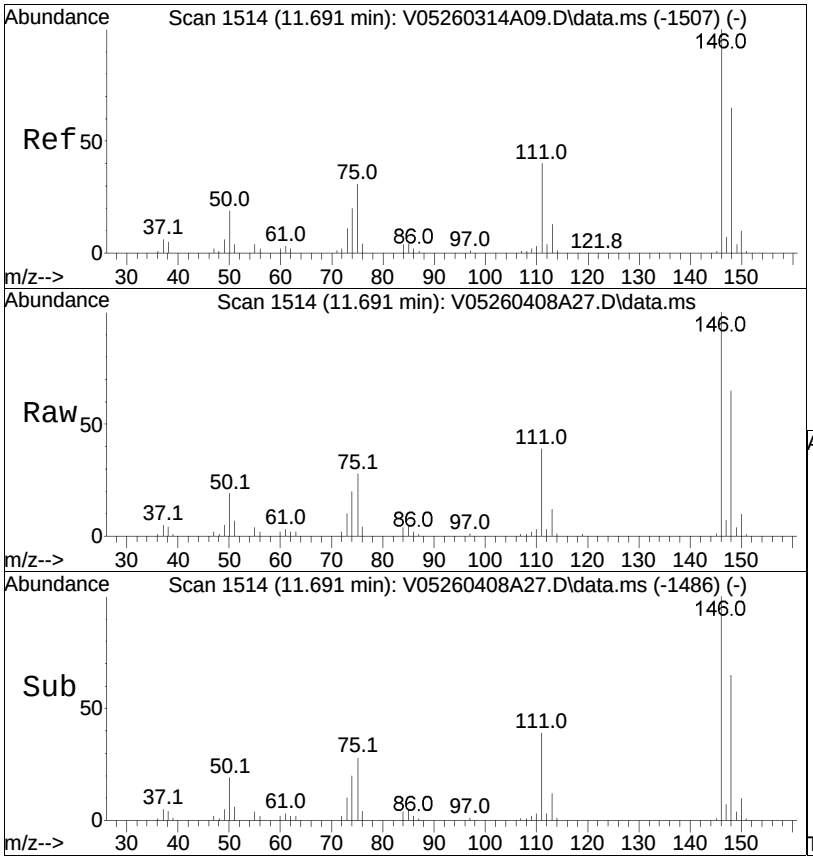


#87
1,1,2,2-Tetrachloroethane
Concen: 9.05 ug/L
RT: 10.786 min Scan# 1386
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion: 83 Resp: 40393

Ion	Ratio	Lower	Upper
83	100		
131	9.5	0.0	29.8
85	64.5	45.1	85.1

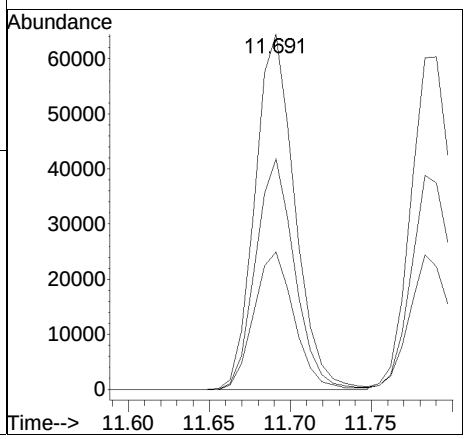


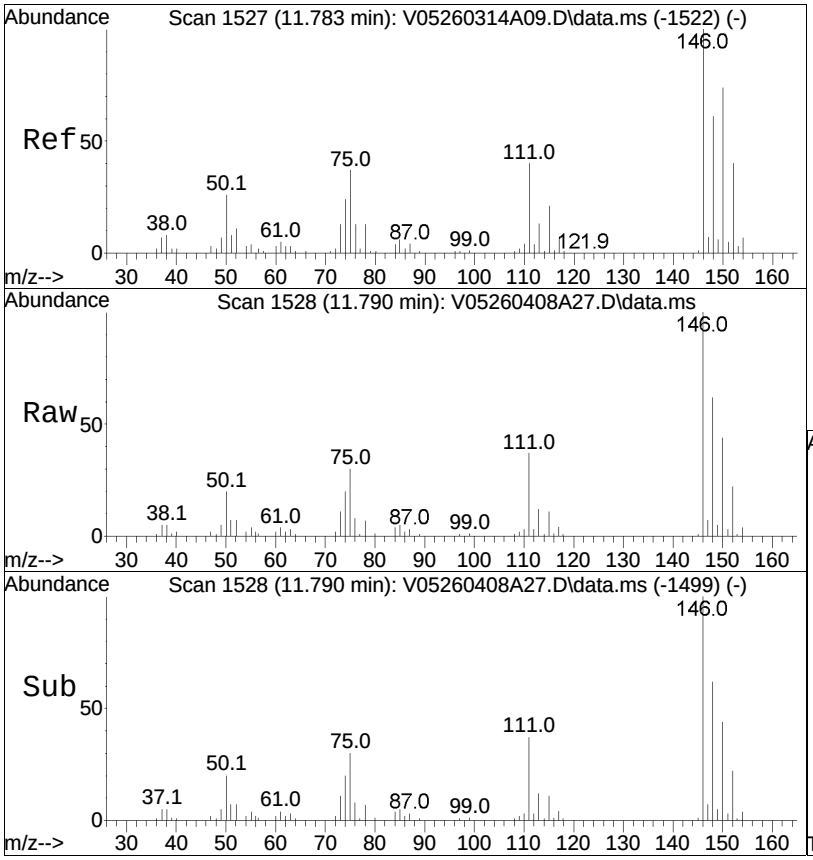


#100
1,3-Dichlorobenzene
Concen: 9.38 ug/L
RT: 11.691 min Scan# 1514
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:146 Resp: 110304

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.5	55.1
148	63.5	41.2	85.6

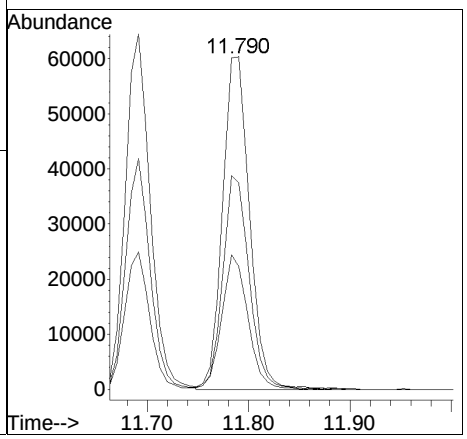


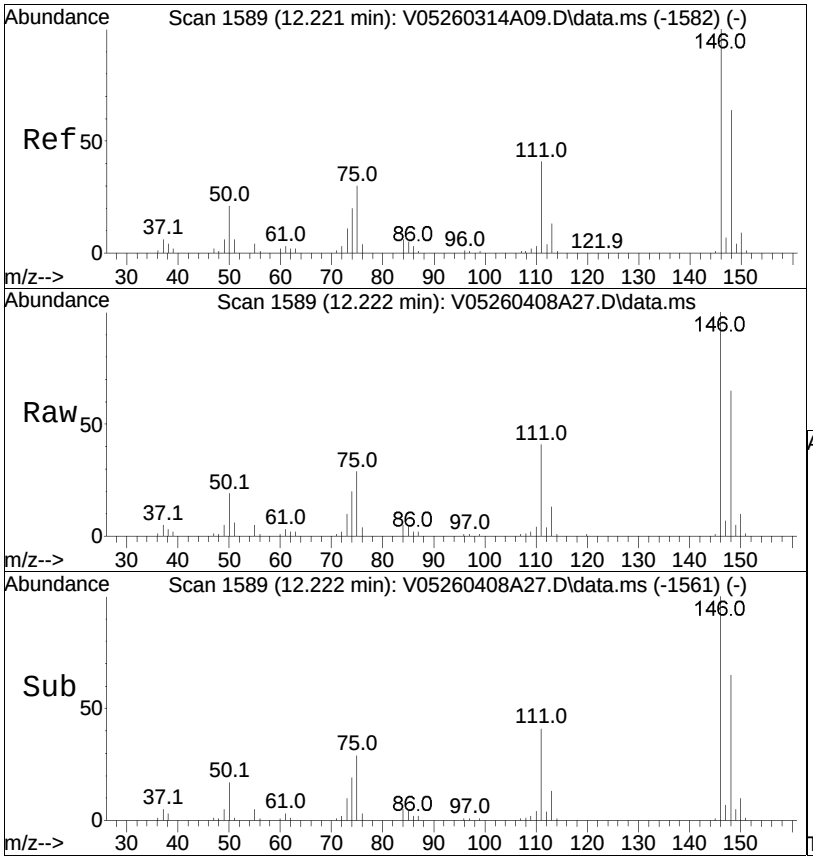


#101
1,4-Dichlorobenzene
Concen: 9.44 ug/L
RT: 11.790 min Scan# 1528
Delta R.T. 0.007 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:146 Resp: 112105

Ion	Ratio	Lower	Upper
146	100		
111	39.2	32.9	49.3
148	62.6	50.6	76.0

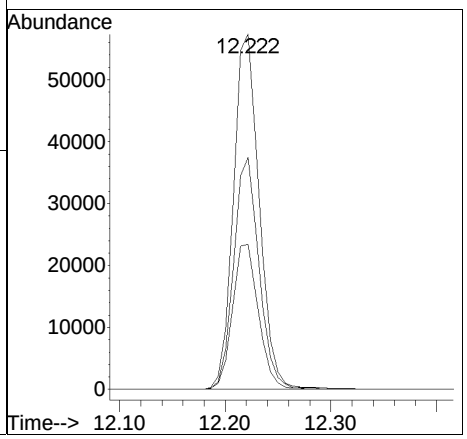


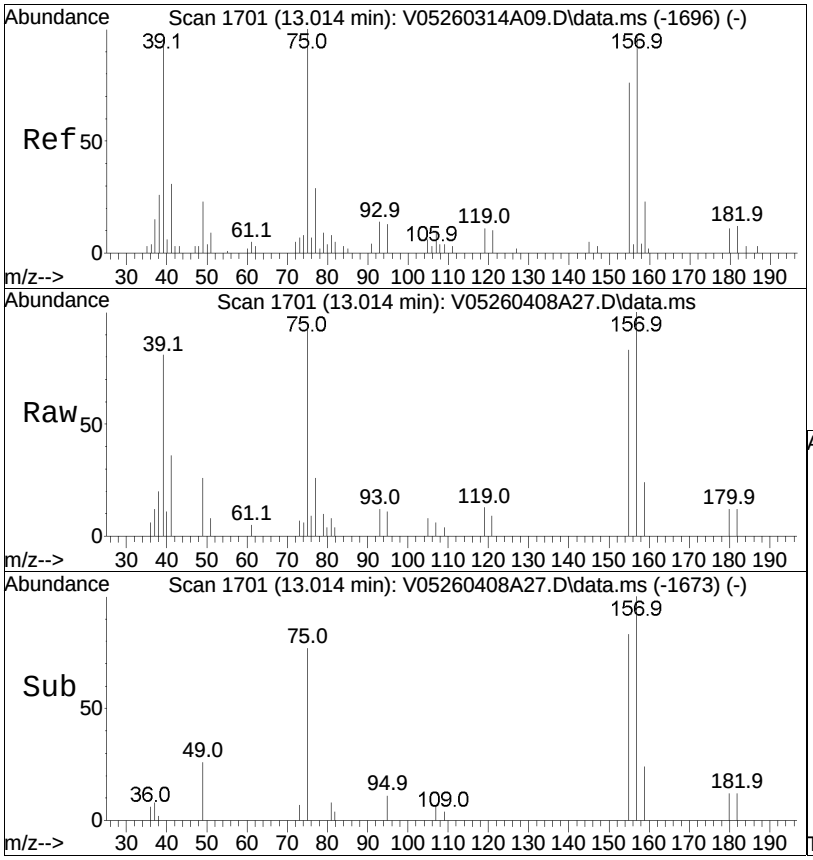


#104
1,2-Dichlorobenzene
Concen: 9.27 ug/L
RT: 12.222 min Scan# 1589
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:146 Resp: 97693

Ion	Ratio	Lower	Upper
146	100		
111	41.0	27.7	57.5
148	64.1	41.2	85.6

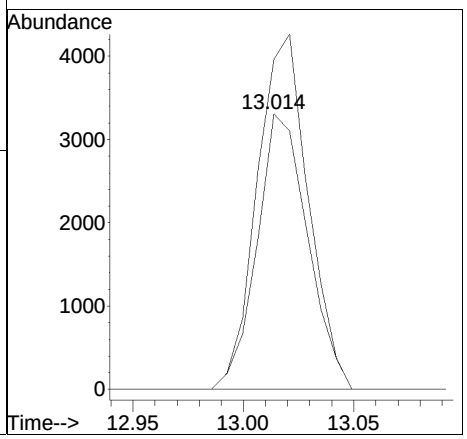


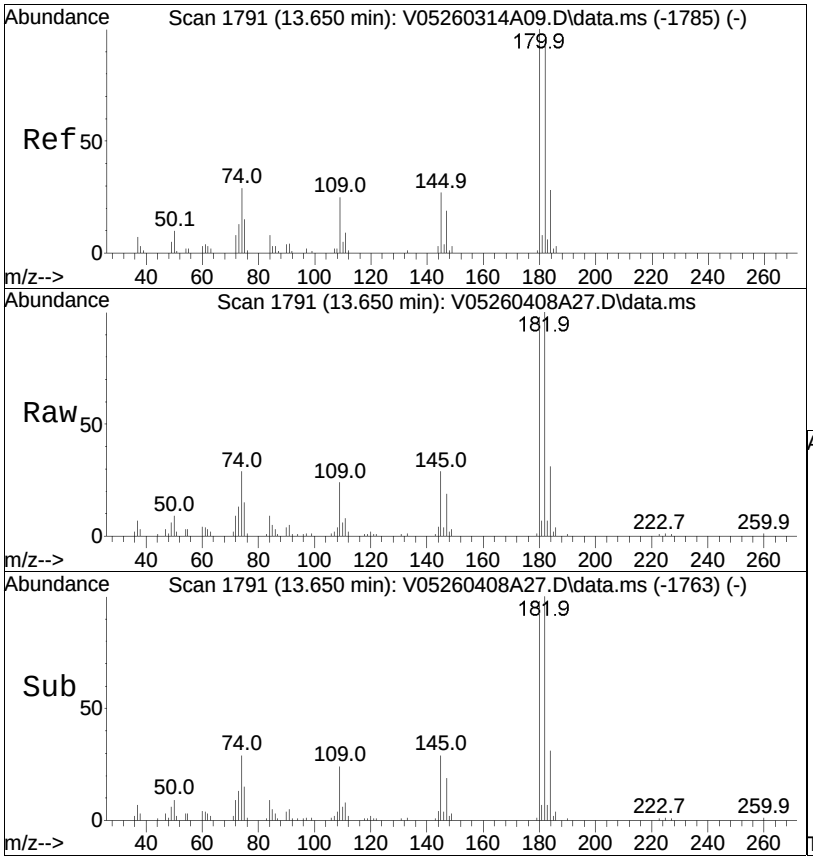


#106
1,2-Dibromo-3-chloropropane
Concen: 8.36 ug/L
RT: 13.014 min Scan# 1701
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:155 Resp: 5287

Ion	Ratio	Lower	Upper
155	100		
157	129.7	103.9	155.9

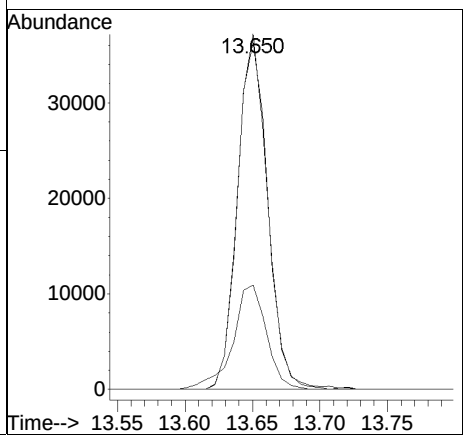


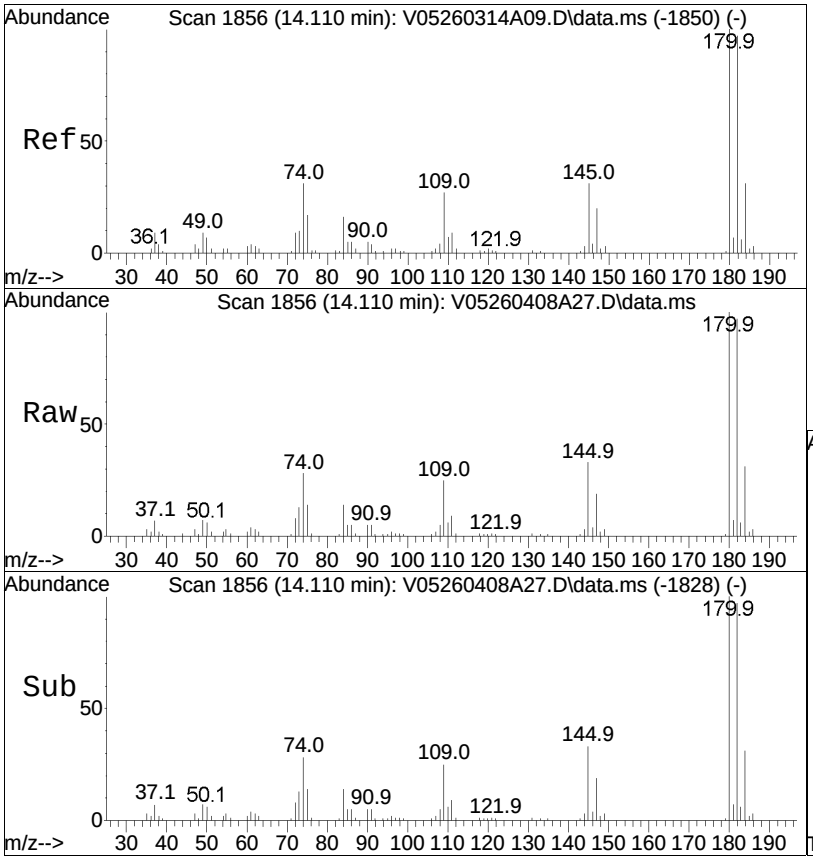


#109
1,2,4-Trichlorobenzene
Concen: 8.91 ug/L
RT: 13.650 min Scan# 1791
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:180 Resp: 57263

Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.1	114.1
145	33.1	26.0	39.0

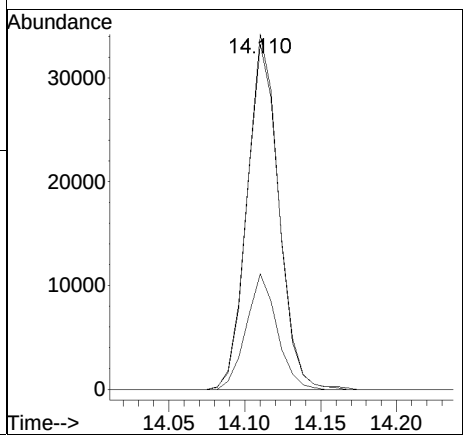




#111
1,2,3-Trichlorobenzene
Concen: 9.51 ug/L
RT: 14.110 min Scan# 1856
Delta R.T. 0.000 min
Lab File: V05260408A27.D
Acq: 8 Apr 2026 8:20 pm

Tgt Ion:180 Resp: 49379

Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.0	115.4
145	31.7	24.4	36.6



Manual Integration Report

Data Path	: K:\VOA105\2026\260408A\	QMethod	: V105_260314A_8260.m
Data File	: V05260408A27.D	Operator	: VOA105:MJV
Date Inj'd	: 4/8/2026 8:20 pm	Instrument	: VOA105
Sample	: WG2196004-7,31,10,10,,a2	Quant Date	: 4/9/2026 6:36 am

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

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)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Apr 09 2026, 10:39 am

Work Group: WG2196004 for Department: 31 GC/MS - Volatiles

Created: 09-APR-26 Due: Operator: mjv

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2617357-01	WT6624GW01	S	NYTCL-8260-R2	WATER	DONE	U	0410	0410	S0	Vial-B
L2617421-01	MW-1-032726	S	NYTCL-8260-R2	WATER	DONE	U	0410	0410	S0	Vial-B
L2617421-02	MW-2-032726	S	NYTCL-8260-R2	WATER	DONE	U	0410	0410	S0	Vial-B
L2617421-03	MW-3R-032726	S	NYTCL-8260-R2	WATER	DONE	U	0410	0410	S0	Vial-B
L2617421-04	MW-4R-032726	S	NYTCL-8260-R2	WATER	DONE	U	0410	0410	S0	Vial-B
L2617421-05	DUP-032726	S	NYTCL-8260-R2	WATER	DONE	U	0410	0410	S0	Vial-B
L2617421-06	TRIP BLANK	S	NYTCL-8260-R2	WATER	DONE	U	0406	0410	S0	Vial-B
WG2196004-1	MS BFB Tune Standard	S	NYTCL-8260-R2	WATER	DONE	U				
WG2196004-2	Continuing Calibrati	S	NYTCL-8260-R2	WATER	DONE	U				
WG2196004-3	Laboratory Control S	S	NYTCL-8260-R2	WATER	DONE	U				
WG2196004-4	LCS Duplicate	S	NYTCL-8260-R2	WATER	DONE	U				
WG2196004-5	Laboratory Method Bl	S	NYTCL-8260-R2	WATER	DONE	U				
WG2196004-6	Matrix Spike	S	NYTCL-8260-R2	WATER	DONE	U				
WG2196004-7	Matrix Spike Duplica	S	NYTCL-8260-R2	WATER	DONE	U				

Comments:

WG2196004-4	WG2196004-3
WG2196004-6	L2617421-03
WG2196004-7	L2617421-03

Method

Inst: VOA105 BFB: V11751 GC: 8260

Initials: PID IS/SS: V11754 Autosampler: 8260water10m

Date: **03/14/26** ICAL: V11727D,V11750 Concentrator: 8260

Run: **A** ICV: V11737,V11738,V11743,V11744,V11739,V11745 QC:_____ Seq:_____

Vial	Data File	Sample	Comments	SIM WG	WG	obs	pH
1	V05260314ABF1	BFB TUNE 13:04					
1	V05260314A01	BLK					
2	V05260314A02	BLK					
3	V05260314A03	I8260STD0.19PPB					
4	V05260314A04	I8260STD0.19PPB					
5	V05260314A05	I8260STD0.5PPB					
6	V05260314A06	I8260STD0.5PPB					
7	V05260314A07	I8260STD2PPB					
8	V05260314A08	I8260STD2PPB					
9	V05260314A09	I8260STD10PPB					
10	V05260314A10	I8260STD30PPB					
11	V05260314A11	I8260STD80PPB					
12	V05260314A12	I8260STD120PPB					
13	V05260314A13	I8260STD200PPB					
14	V05260314A14	BLK					
15	V05260314A15	BLK					
16	V05260314A16	BLK					
17	V05260314A17	BLK					
18	V05260314A18	C8260STD10PPB					
19	V05260314A19	C8260STD10PPB					
20	V05260314A20	BLK					

Inst: VOA105 BFB: V11791 Method
Initials: MJV IS/SS: V11771 GC: 8260
Date: **04/08/26** ICAL: V11779C,V11790 Autosampler: 8260water10m
Run: **A** Concentrator: 8260
QC: _____ Seq: _____

Vial	Data File	Sample		Comments	SIM WG	WG	obs	pH
1	V05260408ABF1	BFB TUNE	08:59					
1	V05260408A01	8260 CCAL	LCS					
2	V05260408A02	8260 CCAL	LCSD					
3	V05260408A03	8260 CCAL						
4	V05260408A04	BLK						
5	V05260408A05	METHOD BLK						
6	V05260408A06	I2618087-02,31,10,10,,a	8260/BTEX				TB	pH<2
7	V05260408A07	I2617309-23,31,10,10,,c	8260NH/PCEBRK					pH<2
8	V05260408A08	L2616902-16d,31,1.0,10,,C	NJ/12DCB					pH<2
9	V05260408A09	L2616902-18d2,31,0.04,10,,C	NJ/12DCB					pH<2
10	V05260408A10	L2616902-20d2,31,0.05,10,,C	NJ/12DCB					pH<2
11	V05260408A11	L2616902-22d2,31,0.2,10,,C	NJ/12DCB					pH<2
12	V05260408A12	L2616902-24d2,31,0.2,10,,C	NJ/12DCB					pH<2
13	V05260408A13	L2616902-26d2,31,0.4,10,,C	NJ/12DCB					pH<2
14	V05260408A14	L2616902-28d2,31,0.2,10,,C	NJ/12DCB					pH<2
15	V05260408A15	L2616902-30d2,31,0.1,10,,C	NJ/12DCB					pH<2
16	V05260408A16	I2617448-02,31,10,10,,a	NJ/BENZ/15					pH<2
17	V05260408A17	I2619053-06,31,10,10,,a	NJ/BTEX				FB	pH<2
18	V05260408A18	I2619053-07,31,10,10,,a	NJ/BTEX				TB	pH<2
19	V05260408A19	I2617357-01,31,10,10,,a	NY/R2				OOH	pH>2
20	V05260408A20	I2617421-01,31,10,10,,a	NY/R2					pH<2
21	V05260408A21	I2617421-02,31,10,10,,a	NY/R2					pH<2
22	V05260408A22	I2617421-03,31,10,10,,a	NY/R2					pH<2
23	V05260408A23	I2617421-04,31,10,10,,a	NY/R2					pH<2
24	V05260408A24	I2617421-05,31,10,10,,a	NY/R2					pH<2
25	V05260408A25	I2617421-06,31,10,10,,a	NY/R2				TB	pH<2
26	V05260408A26	I2617421-03MS,31,10,10,,a1	NY/R2					pH<2
27	V05260408A27	I2617421-03MSD,31,10,10,,a2	NY/R2					pH<2
28	V05260408A28	HBM						
29	V05260408A29	BLK						
30	V05260408A30	BLK						

Semivolatiles Data- Method 8270

Semivolatiles QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2192860-2 **Analysis Date** : 04/02/26 12:41	**File ID**	: 192860-2
LCSD Sample ID	: WG2192860-3 **Analysis Date** : 04/02/26 13:00	**File ID**	: 192860-3

	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
Bis(2-chloroethyl)ether	20	16.	81	20	18.	88	8	40-140	30
3,3'-Dichlorobenzidine	20	17.	85	20	18.	90	6	40-140	30
2,4-Dinitrotoluene	20	19.	93	20	20.	101	8	48-143	30
2,6-Dinitrotoluene	20	18.	89	20	19.	94	5	40-140	30
4-Chlorophenyl phenyl ether	20	16.	80	20	17.	84	5	40-140	30
4-Bromophenyl phenyl ether	20	16.	79	20	17.	84	6	40-140	30
Bis(2-chloroisopropyl)ether	20	17.	84	20	18.	89	6	40-140	30
Bis(2-chloroethoxy)methane	20	16.	78	20	17.	86	10	40-140	30
Hexachlorocyclopentadiene	20	14.	72	20	16.	78	8	40-140	30
Isophorone	20	15.	74	20	15.	77	4	40-140	30
Nitrobenzene	20	18.	89	20	19.	96	8	40-140	30
NDPA/DPA	20	16.	80	20	16.	81	1	40-140	30
n-Nitrosodi-n-propylamine	20	16.	78	20	17.	86	10	29-132	30
Bis(2-ethylhexyl)phthalate	20	20.	100	20	20.	100	0	40-140	30
Butyl benzyl phthalate	20	21.	104	20	21.	106	2	40-140	30
Di-n-butylphthalate	20	17.	86	20	17.	87	1	40-140	30
Di-n-octylphthalate	20	21.	104	20	20.	102	2	40-140	30
Diethyl phthalate	20	16.	78	20	16.	81	4	40-140	30
Dimethyl phthalate	20	16.	80	20	17.	84	5	40-140	30
Biphenyl	20	16.	82	20	17.	87	6	40-140	30
4-Chloroaniline	20	14.	68	20	17.	84	21	40-140	30
2-Nitroaniline	20	20.	103	20	22.	110	7	52-143	30
3-Nitroaniline	20	18.	91	20	20.	99	8	25-145	30
4-Nitroaniline	20	20.	103	20	21.	106	3	51-143	30
Dibenzofuran	20	16.	82	20	17.	84	2	40-140	30
1,2,4,5-Tetrachlorobenzene	20	16.	79	20	17.	85	7	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2192860-2 **Analysis Date** : 04/02/26 12:41	**File ID**	: 192860-2
LCSD Sample ID	: WG2192860-3 **Analysis Date** : 04/02/26 13:00	**File ID**	: 192860-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	Q	True (ug/l)	Found (ug/l)	%R	Q	RPD	Recovery Limits	RPD Limit
Acetophenone	20	17.	84		20	18.	90		7	39-129	30
2,4,6-Trichlorophenol	20	18.	88		20	19.	93		6	30-130	30
p-Chloro-m-cresol	20	18.	90		20	18.	91		1	23-97	30
2-Chlorophenol	20	16.	80		20	17.	87		8	27-123	30
2,4-Dichlorophenol	20	17.	87		20	19.	94		8	30-130	30
2,4-Dimethylphenol	20	16.	82		20	18.	92		11	30-130	30
2-Nitrophenol	20	20.	100		20	20.	103		3	30-130	30
4-Nitrophenol	20	17.	87	Q	20	17.	85	Q	2	10-80	30
2,4-Dinitrophenol	20	15.	74		20	15.	76		3	20-130	30
4,6-Dinitro-o-cresol	20	20.	103		20	20.	100		3	20-164	30
Phenol	20	9.0	45		20	9.5	47		4	12-110	30
2-Methylphenol	20	16.	80		20	17.	84		5	30-130	30
3-Methylphenol/4-Methylphenol	20	15.	77		20	16.	82		6	30-130	30
2,4,5-Trichlorophenol	20	18.	92		20	20.	99		7	30-130	30
Carbazole	20	18.	90		20	18.	91		1	55-144	30
Atrazine	20	18.	90		20	19.	94		4	40-140	30
Benzaldehyde	20	16.	82		20	17.	86		5	40-140	30
Caprolactam	20	6.3	32		20	6.9	34		6	10-130	30
2,3,4,6-Tetrachlorophenol	20	20.	98		20	20.	98		0	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Client Sample ID	: MW-3R-032726	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2617421-03	Analysis Date	: 04/04/26 14:31
Matrix Spike	: WG2192860-4	MS Analysis Date	: 04/04/26 14:51
Matrix Spike Dup	: WG2192860-5	MSD Analysis Date	: 04/04/26 15:10

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	20	14.	70		20	16.	80		13	40-140	30
3,3'-Dichlorobenzidine	ND	20	ND	0	Q	20	ND	0	Q	NC	40-140	30
2,4-Dinitrotoluene	ND	20	18.	90		20	22.	110		20	48-143	30
2,6-Dinitrotoluene	ND	20	16.	80		20	21.	110		27	40-140	30
4-Chlorophenyl phenyl ether	ND	20	14.	70		20	17.	85		19	40-140	30
4-Bromophenyl phenyl ether	ND	20	14.	70		20	17.	85		19	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	16.	80		20	17.	85		6	40-140	30
Bis(2-chloroethoxy)methane	ND	20	14.	70		20	16.	80		13	40-140	30
Hexachlorocyclopentadiene	ND	20	13.J	65		20	16.J	80		21	40-140	30
Isophorone	ND	20	13.	65		20	16.	80		21	40-140	30
Nitrobenzene	ND	20	15.	75		20	18.	90		18	40-140	30
NDPA/DPA	ND	20	14.	70		20	18.	90		25	40-140	30
n-Nitrosodi-n-propylamine	ND	20	14.	70		20	17.	85		19	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	22.	110		20	27.	140		20	40-140	30
Butyl benzyl phthalate	ND	20	22.	110		20	26.	130		17	40-140	30
Di-n-butylphthalate	ND	20	18.	90		20	22.	110		20	40-140	30
Di-n-octylphthalate	ND	20	23.	120		20	28.	140		20	40-140	30
Diethyl phthalate	ND	20	15.	75		20	18.	90		18	40-140	30
Dimethyl phthalate	ND	20	14.	70		20	17.	85		19	40-140	30
Biphenyl	ND	20	14.	70		20	17.	85		19	40-140	30
4-Chloroaniline	ND	20	9.4	47		20	12.	60		24	40-140	30
2-Nitroaniline	ND	20	20.	100		20	25.	130		22	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Client Sample ID	: MW-3R-032726	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2617421-03	**Analysis Date**	: 04/04/26 14:31
Matrix Spike	: WG2192860-4	**MS Analysis Date**	: 04/04/26 14:51
Matrix Spike Dup	: WG2192860-5	**MSD Analysis Date**	: 04/04/26 15:10

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
3-Nitroaniline	ND	20	15.	75	20	15.	75	0	25-145	30
4-Nitroaniline	ND	20	16.	80	20	19.	95	17	51-143	30
Dibenzofuran	ND	20	14.	70	20	17.	85	19	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	13.	65	20	15.	75	14	2-134	30
Acetophenone	ND	20	14.	70	20	17.	85	19	39-129	30
2,4,6-Trichlorophenol	ND	20	15.	75	20	19.	95	24	30-130	30
p-Chloro-m-cresol	ND	20	16.	80	20	20.	100 Q	22	23-97	30
2-Chlorophenol	ND	20	14.	70	20	16.	80	13	27-123	30
2,4-Dichlorophenol	ND	20	15.	75	20	18.	90	18	30-130	30
2,4-Dimethylphenol	ND	20	14.	70	20	18.	90	25	30-130	30
2-Nitrophenol	ND	20	18.	90	20	21.	110	15	30-130	30
4-Nitrophenol	ND	20	18.	90 Q	20	22.	110 Q	20	10-80	30
2,4-Dinitrophenol	ND	20	21.	110	20	26.	130	21	20-130	30
4,6-Dinitro-o-cresol	ND	20	20.	100	20	25.	130	22	20-164	30
Phenol	ND	20	9.2	46	20	10.	50	8	12-110	30
2-Methylphenol	ND	20	13.	65	20	16.	80	21	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	13.	65	20	16.	80	21	30-130	30
2,4,5-Trichlorophenol	ND	20	17.	85	20	20.	100	16	30-130	30
Carbazole	ND	20	16.	80	20	19.	95	17	55-144	30
Atrazine	ND	20	17.	85	20	19.	95	11	40-140	30
Benzaldehyde	ND	20	14.	70	20	15.	75	7	40-140	30
Caprolactam	ND	20	7.5J	38	20	9.2J	46	20	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Client Sample ID	: MW-3R-032726	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2617421-03	**Analysis Date**	: 04/04/26 14:31
Matrix Spike	: WG2192860-4	**MS Analysis Date**	: 04/04/26 14:51
Matrix Spike Dup	: WG2192860-5	**MSD Analysis Date**	: 04/04/26 15:10

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
2,3,4,6-Tetrachlorophenol	ND	20	17.	85	20	20.	100	16	40-140	30

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: C&S Companies
Project Name: 2026 BROWN MFG PRR

Lab Number: L2617421
Project Number: 119.431.042
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-1-032726 (L2617421-01)	63	43	92	78	76	82	0
MW-2-032726 (L2617421-02)	43	29	64	55	47	63	0
MW-3R-032726 (L2617421-03)	50	36	77	68	76	79	0
MW-4R-032726 (L2617421-04)	55	37	76	68	68	74	0
DUP-032726 (L2617421-05)	56	38	80	69	75	78	0
WG2192860-1BLANK	54	34	87	77	76	83	0
WG2192860-2LCS	62	38	87	78	81	88	0
WG2192860-3LCSD	65	42	95	81	86	89	0
MW-3R-032726MS	66	44	83	70	80	81	0
MW-3R-032726MSD	67	51	93	84	95	97	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

Method Blank Summary
Form 4
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab Sample ID	: WG2192860-1	**Lab File ID**	: 192860-1
Instrument ID	: SV112	**Extraction Date**	: 04/02/26
Matrix	: WATER	**Analysis Date**	: 04/02/26 12:22
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2192860-2LCS	WG2192860-2	04/02/26 12:41
WG2192860-3LCSD	WG2192860-3	04/02/26 13:00
DUP-032726	L2617421-05	04/04/26 13:15
MW-4R-032726	L2617421-04	04/04/26 13:34
MW-1-032726	L2617421-01	04/04/26 13:53
MW-2-032726	L2617421-02	04/04/26 14:12
MW-3R-032726	L2617421-03	04/04/26 14:31
MW-3R-032726MS	WG2192860-4	04/04/26 14:51
MW-3R-032726MSD	WG2192860-5	04/04/26 15:10

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 02/07/26 00:10
Tune Standard	: R2066702-31	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.9
68	Less than 2.0% of mass 69	0.6 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	44
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 60.0% of Base Peak	26.5
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	83.7
443	15.0 - 24.0% of mass 442	16.5 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL9	R2066702-9	ABNL9	02/07/26 00:29
ABNL8	R2066702-8	ABNL8	02/07/26 00:48
ABNL7	R2066702-7	ABNL7	02/07/26 01:08
ABNL6	R2066702-6	ABNL6	02/07/26 01:27
ABNL5	R2066702-4	ABNL5	02/07/26 01:46
ABNL3	R2066702-3	ABNL3	02/07/26 02:05
ABNL4	R2066702-5	ABNL4	02/07/26 02:25
ABNL2	R2066702-2	ABNL2	02/07/26 02:44
ABNL1	R2066702-1	ABNL1	02/07/26 03:03
AP9L9	R2066702-27	AP9L9	02/07/26 03:22
AP9L8	R2066702-26	AP9L8	02/07/26 03:42
AP9L7	R2066702-25	AP9L7	02/07/26 04:01
AP9L6	R2066702-24	AP9L6	02/07/26 04:20
AP9L5	R2066702-23	AP9L5	02/07/26 04:40
AP9L4	R2066702-22	AP9L4	02/07/26 04:59
AP9L3	R2066702-21	AP9L3	02/07/26 05:18
AP9L2	R2066702-20	AP9L2	02/07/26 05:38
AP9L1	R2066702-19	AP9L1	02/07/26 05:57
ABN ICV Quant Report	R2066702-28	ABNICV	02/07/26 06:16
AP9 ICV Quant Report	R2066702-30	AP9ICV	02/07/26 06:35

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 02/07/26 06:55
Tune Standard	: R2066702-32	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.9
68	Less than 2.0% of mass 69	0.6 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	44.1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	26.5
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	17.3
442	Base Peak, or >50% of mass 198	81.7
443	15.0 - 24.0% of mass 442	16.2 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL9	R2066702-18	ADPL9	02/07/26 07:14
ADPL8	R2066702-17	ADPL8	02/07/26 07:33
ADPL7	R2066702-16	ADPL7	02/07/26 07:52
ADPL6	R2066702-15	ADPL6	02/07/26 08:12
ADPL5	R2066702-14	ADPL5	02/07/26 08:31
ADPL4	R2066702-13	ADPL4	02/07/26 08:50
ADPL3	R2066702-12	ADPL3	02/07/26 09:09
ADPL2	R2066702-11	ADPL2	02/07/26 09:29
ADPL1	R2066702-10	ADPL1	02/07/26 09:48
ADP ICV Quant Report	R2066702-29	ADPICV	02/07/26 10:07

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 04/02/26 11:05
Tune Standard	: WG2193052-1	**Tune File ID**	: DEG0402_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	33.2
68	Less than 2.0% of mass 69	0.6 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	41.6
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	27.2
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	17.4
442	Base Peak, or >50% of mass 198	68.4
443	15.0 - 24.0% of mass 442	13.6 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2193052-6TFACTOR-B	WG2193052-6	DEG0402	04/02/26 11:05
WG2193052-7TFACTOR-P	WG2193052-7	DEG0402	04/02/26 11:05
WG2193052-3CCAL	WG2193052-3	ABN0402	04/02/26 11:25
WG2193052-4CCAL	WG2193052-4	AP90402	04/02/26 11:44
WG2193052-5CCAL	WG2193052-5	ADP0402	04/02/26 12:03
WG2192860-1BLANK	WG2192860-1	192860-1	04/02/26 12:22
WG2192860-2LCS	WG2192860-2	192860-2	04/02/26 12:41
WG2192860-3LCSD	WG2192860-3	192860-3	04/02/26 13:00

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 04/04/26 08:01
Tune Standard	: WG2193904-1	**Tune File ID**	: DEG0404_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	34.7
68	Less than 2.0% of mass 69	0.5 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	42.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 60.0% of Base Peak	27.6
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	68.4
443	15.0 - 24.0% of mass 442	13.4 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2193904-6TFACTOR-B	WG2193904-6	DEG0404	04/04/26 08:01
WG2193904-7TFACTOR-P	WG2193904-7	DEG0404	04/04/26 08:01
WG2193904-3CCAL	WG2193904-3	ABN0404	04/04/26 08:20
WG2193904-4CCAL	WG2193904-4	AP90404	04/04/26 08:40
WG2193904-5CCAL	WG2193904-5	ADP0404	04/04/26 08:59
DUP-032726	L2617421-05	17421-05	04/04/26 13:15
MW-4R-032726	L2617421-04	17421-04	04/04/26 13:34
MW-1-032726	L2617421-01	17421-01	04/04/26 13:53
MW-2-032726	L2617421-02	17421-02	04/04/26 14:12
MW-3R-032726	L2617421-03	17421-03	04/04/26 14:31
WG2192860-4MS	WG2192860-4	192860-4	04/04/26 14:51
WG2192860-5MSD	WG2192860-5	192860-5	04/04/26 15:10

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 04/02/26 11:25:00
Sample No	: WG2193052-3	**Lab File ID**	: ABN0402

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2193052-3	28958	3.83	115513	5.02	80394	6.70
Upper Limit	57916	4.33	231026	5.52	160788	7.20
Lower Limit	14479	3.33	57757	4.52	40197	6.20
Sample ID						
WG2193052-4 CCAL	25830	3.83	101110	5.02	67555	6.71
WG2193052-5 CCAL	26378	3.83	-	-	63794	6.70
WG2192860-1 BLANK	18013	3.83	67148	5.02	44610	6.71
WG2192860-2 LCS	17907	3.83	66955	5.02	45235	6.71
WG2192860-3 LCSD	19136	3.83	72137	5.02	48634	6.70

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

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 04/02/26 11:25:00
Sample No	: WG2193052-3	**Lab File ID**	: ABN0402

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2193052-3	186472	8.13	209893	10.72	240171	12.16
Upper Limit	372944	8.63	419786	11.22	480342	12.66
Lower Limit	93236	7.63	104947	10.22	120086	11.66
Sample ID						
WG2193052-4 CCAL	153381	8.12	-	-	-	-
WG2193052-5 CCAL	153098	8.12	-	-	-	-
WG2192860-1 BLANK	104304	8.12	121800	10.72	145997	12.16
WG2192860-2 LCS	102803	8.12	123728	10.72	146426	12.16
WG2192860-3 LCSD	110745	8.12	127751	10.72	148066	12.16

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

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 04/04/26 08:20:00
Sample No	: WG2193904-3	**Lab File ID**	: ABN0404

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2193904-3	20342	3.83	76705	5.02	48351	6.71
Upper Limit	40684	4.33	153410	5.52	96702	7.21
Lower Limit	10171	3.33	38353	4.52	24176	6.21
Sample ID						
WG2193904-4 CCAL	20934	3.83	78037	5.02	48003	6.71
WG2193904-5 CCAL	19854	3.83	-	-	45459	6.70
DUP-032726	23894	3.83	92642	5.02	61791	6.70
MW-4R-032726	26142	3.83	99044	5.02	64542	6.71
MW-1-032726	26152	3.83	97040	5.02	62835	6.70
MW-2-032726	24752	3.83	93324	5.02	60175	6.70
MW-3R-032726	24893	3.83	97020	5.02	63834	6.70
MW-3R-032726 MS	26874	3.83	101750	5.02	66775	6.70
MW-3R-032726 MSD	26703	3.83	99386	5.02	65540	6.71

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

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Analysis Date**	: 04/04/26 08:20:00
Sample No	: WG2193904-3	**Lab File ID**	: ABN0404

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2193904-3	110399	8.12	133417	10.72	145451	12.16
Upper Limit	220798	8.62	266834	11.22	290902	12.66
Lower Limit	55200	7.62	66709	10.22	72726	11.66
Sample ID						
WG2193904-4 CCAL	113768	8.12	-	-	-	-
WG2193904-5 CCAL	111052	8.12	-	-	-	-
DUP-032726	143325	8.12	162298	10.72	193347	12.16
MW-4R-032726	146344	8.12	166421	10.72	191926	12.16
MW-1-032726	143954	8.12	159975	10.72	185826	12.16
MW-2-032726	137949	8.12	154949	10.72	183643	12.16
MW-3R-032726	142337	8.12	160372	10.72	186526	12.17
MW-3R-032726 MS	149400	8.13	168871	10.72	195720	12.17
MW-3R-032726 MSD	147767	8.13	162255	10.72	189427	12.17

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: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	2	0.403	ug/l	37-111	30	37-111	30	30			
Benzidine	92-87-5	20	6.01	ug/l	10-75	30	10-75	30	30			
1,2,4-Trichlorobenzene	120-82-1	5	0.977	ug/l	39-98	30	39-98	30	30			
Hexachlorobenzene	118-74-1	2	0.452	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethyl)ether	111-44-4	2	0.392	ug/l	40-140	30	40-140	30	30			
2-Chloronaphthalene	91-58-7	2	0.35	ug/l	40-140	30	40-140	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.329	ug/l	40-140	30	40-140	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.315	ug/l	40-140	30	40-140	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.391	ug/l	36-97	30	36-97	30	30			
3,3'-Dichlorobenzidine	91-94-1	5	1.85	ug/l	40-140	30	40-140	30	30			
2,4-Dinitrotoluene	121-14-2	5	0.541	ug/l	48-143	30	48-143	30	30			
2,6-Dinitrotoluene	606-20-2	5	0.845	ug/l	40-140	30	40-140	30	30			
Azobenzene	122-66-7	2	0.418	ug/l	40-140	30	40-140	30	30			
Fluoranthene	206-44-0	2	0.411	ug/l	40-140	30	40-140	30	30			
4-Chlorophenyl phenyl ether	7005-72-3	2	0.386	ug/l	40-140	30	40-140	30	30			
4-Bromophenyl phenyl ether	101-55-3	2	0.244	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroisopropyl)ether	108-60-1	2	0.403	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethoxy)methane	111-91-1	5	0.842	ug/l	40-140	30	40-140	30	30			
Hexachlorobutadiene	87-68-3	2	0.355	ug/l	40-140	30	40-140	30	30			
Hexachlorocyclopentadiene	77-47-4	20	1.23	ug/l	40-140	30	40-140	30	30			
Hexachloroethane	67-72-1	2	0.203	ug/l	40-140	30	40-140	30	30			
Isophorone	78-59-1	5	0.862	ug/l	40-140	30	40-140	30	30			
Naphthalene	91-20-3	2	0.542	ug/l	40-140	30	40-140	30	30			
Nitrobenzene	98-95-3	2	0.205	ug/l	40-140	30	40-140	30	30			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	2	0.924	ug/l	40-140	30	40-140	30	30			
n-Nitrosodi-n-propylamine	621-64-7	5	0.906	ug/l	29-132	30	29-132	30	30			
Bis(2-Ethylhexyl)phthalate	117-81-7	3	1.42	ug/l	40-140	30	40-140	30	30			
Butyl benzyl phthalate	85-68-7	5	2.61	ug/l	40-140	30	40-140	30	30			
Di-n-butylphthalate	84-74-2	5	0.957	ug/l	40-140	30	40-140	30	30			
Di-n-octylphthalate	117-84-0	5	2.26	ug/l	40-140	30	40-140	30	30			
Diethyl phthalate	84-66-2	5	0.765	ug/l	40-140	30	40-140	30	30			
Dimethyl phthalate	131-11-3	5	0.916	ug/l	40-140	30	40-140	30	30			
Benzo(a)anthracene	56-55-3	2	0.323	ug/l	40-140	30	40-140	30	30			
Benzo(a)pyrene	50-32-8	2	0.368	ug/l	40-140	30	40-140	30	30			
Benzo(b)fluoranthene	205-99-2	2	0.533	ug/l	40-140	30	40-140	30	30			
Benzo(k)fluoranthene	207-08-9	2	0.621	ug/l	40-140	30	40-140	30	30			
Chrysene	218-01-9	2	0.222	ug/l	40-140	30	40-140	30	30			
Acenaphthylene	208-96-8	2	0.315	ug/l	45-123	30	45-123	30	30			
Anthracene	120-12-7	2	0.467	ug/l	40-140	30	40-140	30	30			
Benzo(ghi)perylene	191-24-2	2	0.369	ug/l	40-140	30	40-140	30	30			
Fluorene	86-73-7	2	0.439	ug/l	40-140	30	40-140	30	30			
Phenanthrene	85-01-8	2	0.419	ug/l	40-140	30	40-140	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 Pace Analytical Services.

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 2

ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	2	0.286	ug/l	40-140	30	40-140	30	30			
Indeno(1,2,3-cd)Pyrene	193-39-5	2	0.484	ug/l	40-140	30	40-140	30	30			
Pyrene	129-00-0	2	0.407	ug/l	26-127	30	26-127	30	30			
Biphenyl	92-52-4	2	0.196	ug/l	40-140	30	40-140	30	30			
Aniline	62-53-3	2	0.67	ug/l	40-140	30	40-140	30	30			
4-Chloroaniline	106-47-8	5	0.468	ug/l	40-140	30	40-140	30	30			
1-Methylnaphthalene	90-12-0	2	0.415	ug/l	41-103	30	41-103	30	30			
2-Nitroaniline	88-74-4	5	1.03	ug/l	52-143	30	52-143	30	30			
3-Nitroaniline	99-09-2	5	1.16	ug/l	25-145	30	25-145	30	30			
4-Nitroaniline	100-01-6	5	1.45	ug/l	51-143	30	51-143	30	30			
Dibenzofuran	132-64-9	2	0.401	ug/l	40-140	30	40-140	30	30			
2-Methylnaphthalene	91-57-6	2	0.372	ug/l	40-140	30	40-140	30	30			
n-Nitrosodimethylamine	62-75-9	2	0.44	ug/l	22-74	30	22-74	30	30			
2,4,6-Trichlorophenol	88-06-2	5	2.09	ug/l	30-130	30	30-130	30	30			
P-Chloro-M-Cresol	59-50-7	2	0.606	ug/l	23-97	30	23-97	30	30			
2-Chlorophenol	95-57-8	2	0.653	ug/l	27-123	30	27-123	30	30			
2,4-Dichlorophenol	120-83-2	5	1.7	ug/l	30-130	30	30-130	30	30			
2,4-Dimethylphenol	105-67-9	5	2.04	ug/l	30-130	30	30-130	30	30			
2-Nitrophenol	88-75-5	10	1.95	ug/l	30-130	30	30-130	30	30			
4-Nitrophenol	100-02-7	10	1.42	ug/l	10-80	30	10-80	30	30			
2,4-Dinitrophenol	51-28-5	20	5.42	ug/l	20-130	30	20-130	30	30			
4,6-Dinitro-o-cresol	534-52-1	10	2.31	ug/l	20-164	30	20-164	30	30			
Pentachlorophenol	87-86-5	10	2.51	ug/l	9-103	30	9-103	30	30			
Phenol	108-95-2	5	0.35	ug/l	12-110	30	12-110	30	30			
2-Methylphenol	95-48-7	5	2.31	ug/l	30-130	30	30-130	30	30			
3-Methylphenol/4-Methylphenol	106-44-5	5	1.39	ug/l	30-130	30	30-130	30	30			
2,4,5-Trichlorophenol	95-95-4	5	2.07	ug/l	30-130	30	30-130	30	30			
Benzoic Acid	65-85-0	50	2.62	ug/l	10-164	30	10-164	30	30			
Benzyl Alcohol	100-51-6	2	0.381	ug/l	26-116	30	26-116	30	30			
Carbazole	86-74-8	2	0.309	ug/l	55-144	30	55-144	30	30			
Pyridine	110-86-1	3.5	0.308	ug/l	10-66	30	10-66	30	30			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

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 Pace Analytical Services.

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-01	Date Collected	: 03/27/26 14:00
Client ID	: MW-1-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 13:53
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-01	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-01	Date Collected	: 03/27/26 14:00
Client ID	: MW-1-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 13:53
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-01	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-01	**Date Collected**	: 03/27/26 14:00
Client ID	: MW-1-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/04/26 13:53
Sample Matrix	: WATER	**Date Extracted**	: 04/02/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 17421-01	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV112
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-02	Date Collected	: 03/27/26 13:13
Client ID	: MW-2-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 14:12
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-02	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-02	Date Collected	: 03/27/26 13:13
Client ID	: MW-2-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 14:12
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-02	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-02	**Date Collected**	: 03/27/26 13:13
Client ID	: MW-2-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/04/26 14:12
Sample Matrix	: WATER	**Date Extracted**	: 04/02/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 17421-02	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV112
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-03	Date Collected	: 03/27/26 11:35
Client ID	: MW-3R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 14:31
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-03	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-03	Date Collected	: 03/27/26 11:35
Client ID	: MW-3R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 14:31
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-03	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-03	**Date Collected**	: 03/27/26 11:35
Client ID	: MW-3R-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/04/26 14:31
Sample Matrix	: WATER	**Date Extracted**	: 04/02/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 17421-03	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV112
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-04	Date Collected	: 03/27/26 10:40
Client ID	: MW-4R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 13:34
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-04	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-04	Date Collected	: 03/27/26 10:40
Client ID	: MW-4R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 13:34
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-04	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-04	**Date Collected**	: 03/27/26 10:40
Client ID	: MW-4R-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/04/26 13:34
Sample Matrix	: WATER	**Date Extracted**	: 04/02/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 17421-04	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV112
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-05	Date Collected	: 03/27/26 00:00
Client ID	: DUP-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 13:15
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-05	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-05	Date Collected	: 03/27/26 00:00
Client ID	: DUP-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/04/26 13:15
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 17421-05	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab ID	: L2617421-05	**Date Collected**	: 03/27/26 00:00
Client ID	: DUP-032726	**Date Received**	: 03/27/26
Sample Location	: SYRACUSE	**Date Analyzed**	: 04/04/26 13:15
Sample Matrix	: WATER	**Date Extracted**	: 04/02/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 17421-05	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV112
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2192860-1	Date Collected	: NA
Client ID	: WG2192860-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/02/26 12:22
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 192860-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2192860-1	Date Collected	: NA
Client ID	: WG2192860-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/02/26 12:22
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 192860-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2192860-1	Date Collected	: NA
Client ID	: WG2192860-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/02/26 12:22
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 192860-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-05.D
Acq On : 04 Apr 2026 01:15 pm
Operator : SV112:cmm
Sample : L2617421-05,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 06:53:23 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	23894	4.000	ug/ml		0.00
Standard Area 1 = 20342			Recovery = 117.46%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	23894	4.000	ug/ml		0.00
Standard Area 3 = 20934			Recovery = 114.14%				
35) IS1_Naphthalene-d8	5.022	136	92642	4.000	ug/ml		0.00
Standard Area 1 = 76705			Recovery = 120.78%				
55) IS2_Naphthalene-d8	5.022	136	92642	4.000	ug/ml		0.00
Standard Area 3 = 78037			Recovery = 118.72%				
63) IS1_Acenaphthene-d10	6.704	164	61791	4.000	ug/ml		0.00
Standard Area 1 = 48351			Recovery = 127.80%				
83) IS2_Acenaphthene-d10	6.704	164	61791	4.000	ug/ml		0.00
Standard Area 3 = 48003			Recovery = 128.72%				
86) IS3_Acenaphthene-d10	6.704	164	61791	4.000	ug/ml		0.00
Standard Area 2 = 45459			Recovery = 135.93%				
88) IS1_Phenanthrene-d10	8.122	188	143325	4.000	ug/ml		0.00
Standard Area 1 = 110399			Recovery = 129.82%				
100) IS3_Phenanthrene-d10	8.122	188	143325	4.000	ug/ml		0.00
Standard Area 2 = 111052			Recovery = 129.06%				
104) IS1_Chrysene-d12	10.722	240	162298	4.000	ug/ml	#	0.00
Standard Area 1 = 133417			Recovery = 121.65%				
113) IS1_Perylene-d12	12.163	264	193347	4.000	ug/ml		0.00
Standard Area 1 = 145451			Recovery = 132.93%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	6638	1.114	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 55.70%				
7) Phenol-d6	3.534	99	6076	0.765	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 38.25%				
19) Nitrobenzene-d5	4.346	82	5469	0.802	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 80.20%				
46) 2-Fluorobiphenyl	6.081	172	14541	0.692	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 69.20%				
79) 2,4,6-Tribromophenol	7.469	330	5893	1.501	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 75.05%				
96) 4-Terphenyl-d14	9.698	244	29065	0.781	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 78.10%				

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-05.D
Acq On : 04 Apr 2026 01:15 pm
Operator : SV112:cmm
Sample : L2617421-05,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 06:53:23 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-05.D
Acq On : 04 Apr 2026 01:15 pm
Operator : SV112:cmm
Sample : L2617421-05,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 06:53:23 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
97) Butyl benzyl phthalate	0.000		0	N.D.		
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.		
109) Di-n-octylphthalate	0.000		0	N.D.		

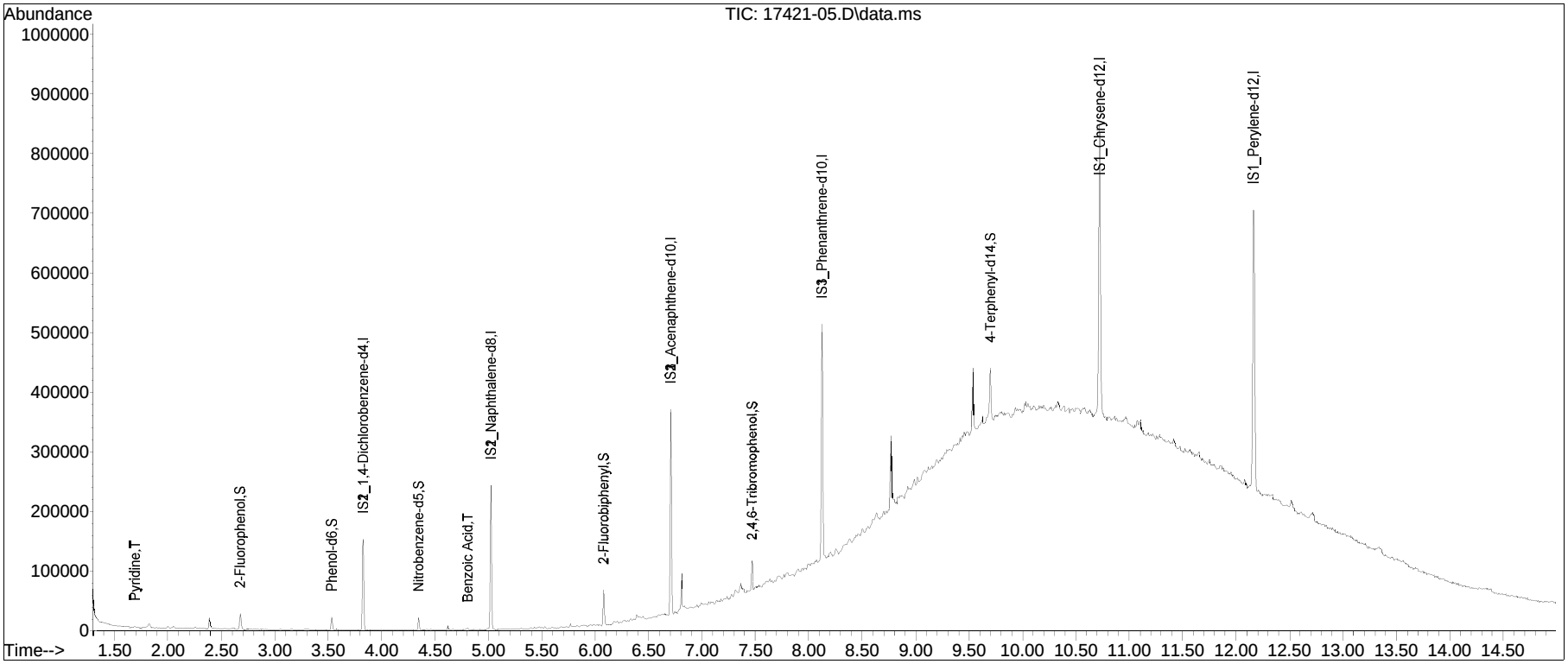
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-05.D
Acq On : 04 Apr 2026 01:15 pm
Operator : SV112:cmm
Sample : L2617421-05,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 06:53:23 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90404.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-04.D
Acq On : 04 Apr 2026 01:34 pm
Operator : SV112:cmm
Sample : L2617421-04,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 06 06:52:58 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	26142	4.000	ug/ml		0.00
Standard Area 1 = 20342			Recovery = 128.51%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	26142	4.000	ug/ml		0.00
Standard Area 3 = 20934			Recovery = 124.88%				
35) IS1_Naphthalene-d8	5.022	136	99044	4.000	ug/ml		0.00
Standard Area 1 = 76705			Recovery = 129.12%				
55) IS2_Naphthalene-d8	5.022	136	99044	4.000	ug/ml		0.00
Standard Area 3 = 78037			Recovery = 126.92%				
63) IS1_Acenaphthene-d10	6.705	164	64542	4.000	ug/ml		0.00
Standard Area 1 = 48351			Recovery = 133.49%				
83) IS2_Acenaphthene-d10	6.705	164	64542	4.000	ug/ml		0.00
Standard Area 3 = 48003			Recovery = 134.45%				
86) IS3_Acenaphthene-d10	6.705	164	64542	4.000	ug/ml		0.00
Standard Area 2 = 45459			Recovery = 141.98%				
88) IS1_Phenanthrene-d10	8.122	188	146344	4.000	ug/ml	#	0.00
Standard Area 1 = 110399			Recovery = 132.56%				
100) IS3_Phenanthrene-d10	8.122	188	146344	4.000	ug/ml	#	0.00
Standard Area 2 = 111052			Recovery = 131.78%				
104) IS1_Chrysene-d12	10.716	240	166421	4.000	ug/ml	#	0.00
Standard Area 1 = 133417			Recovery = 124.74%				
113) IS1_Perylene-d12	12.163	264	191926	4.000	ug/ml		0.00
Standard Area 1 = 145451			Recovery = 131.95%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	7231	1.109	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 55.45%				
7) Phenol-d6	3.534	99	6409	0.738	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 36.90%				
19) Nitrobenzene-d5	4.346	82	5689	0.762	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 76.20%				
46) 2-Fluorobiphenyl	6.081	172	15309	0.681	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 68.10%				
79) 2,4,6-Tribromophenol	7.463	330	5605	1.366	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 68.30%				
96) 4-Terphenyl-d14	9.693	244	28117	0.740	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 74.00%				

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-04.D
Acq On : 04 Apr 2026 01:34 pm
Operator : SV112:cmm
Sample : L2617421-04,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 06 06:52:58 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-04.D
Acq On : 04 Apr 2026 01:34 pm
Operator : SV112:cmm
Sample : L2617421-04,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 06 06:52:58 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) NDPA/DPA	0.000		0	N.D.		
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
97) Butyl benzyl phthalate	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	

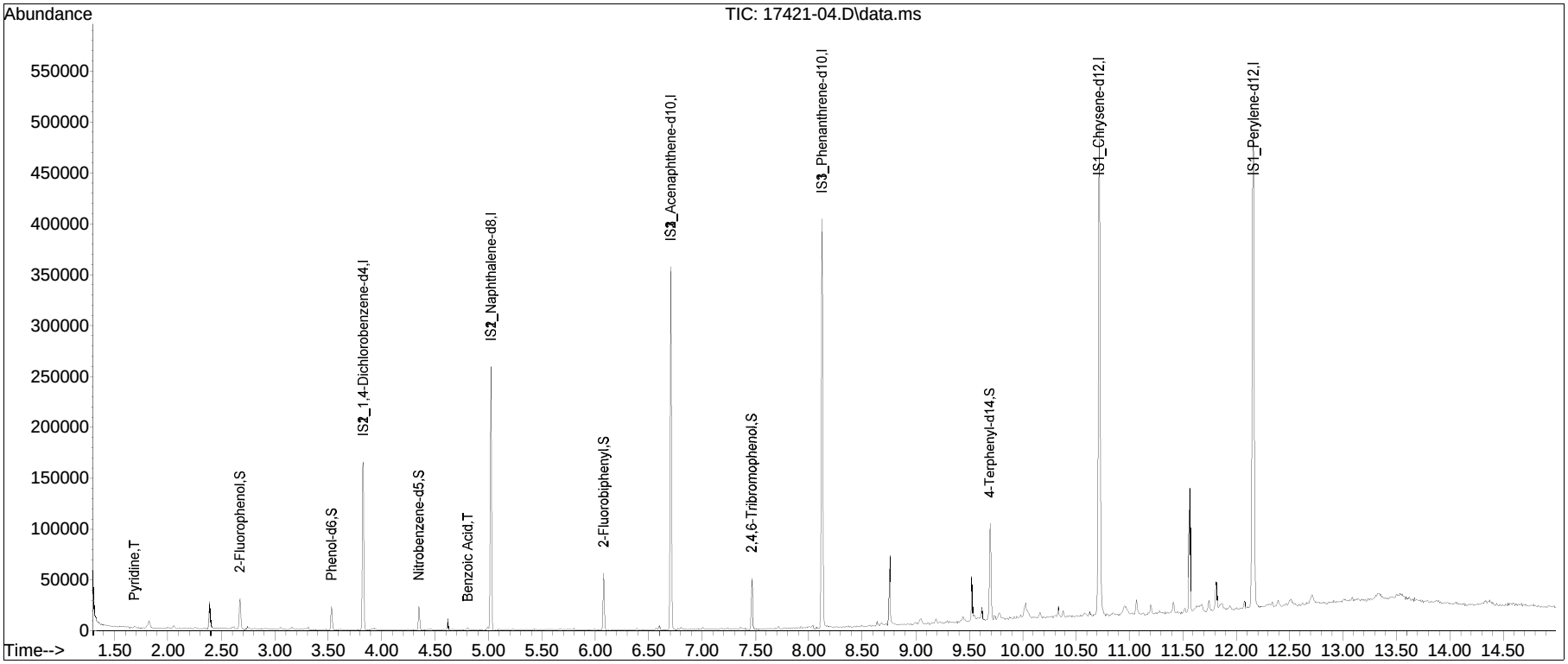
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-04.D
Acq On : 04 Apr 2026 01:34 pm
Operator : SV112:cmm
Sample : L2617421-04,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 06 06:52:58 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90404.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260404rvt\	QMethod	: FS260206SV112RVT.m
Data File	: 17421-04.D	Operator	: SV112:cmm
Date Inj'd	: 4/4/2026 1:34 pm	Instrument	: SV112
Sample	: L2617421-04,32,,gmr	Quant Date	: 4/4/2026 1:49 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-01.D
Acq On : 04 Apr 2026 01:53 pm
Operator : SV112:cmm
Sample : L2617421-01,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 06 06:50:45 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	26152	4.000	ug/ml		0.00
Standard Area 1 = 20342			Recovery = 128.56%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	26152	4.000	ug/ml		0.00
Standard Area 3 = 20934			Recovery = 124.93%				
35) IS1_Naphthalene-d8	5.022	136	97040	4.000	ug/ml		0.00
Standard Area 1 = 76705			Recovery = 126.51%				
55) IS2_Naphthalene-d8	5.022	136	97040	4.000	ug/ml		0.00
Standard Area 3 = 78037			Recovery = 124.35%				
63) IS1_Acenaphthene-d10	6.704	164	62835	4.000	ug/ml		0.00
Standard Area 1 = 48351			Recovery = 129.96%				
83) IS2_Acenaphthene-d10	6.704	164	62835	4.000	ug/ml		0.00
Standard Area 3 = 48003			Recovery = 130.90%				
86) IS3_Acenaphthene-d10	6.704	164	62835	4.000	ug/ml		0.00
Standard Area 2 = 45459			Recovery = 138.22%				
88) IS1_Phenanthrene-d10	8.122	188	143954	4.000	ug/ml	#	0.00
Standard Area 1 = 110399			Recovery = 130.39%				
100) IS3_Phenanthrene-d10	8.122	188	143954	4.000	ug/ml	#	0.00
Standard Area 2 = 111052			Recovery = 129.63%				
104) IS1_Chrysene-d12	10.716	240	159975	4.000	ug/ml	#	0.00
Standard Area 1 = 133417			Recovery = 119.91%				
113) IS1_Perylene-d12	12.163	264	185826	4.000	ug/ml		0.00
Standard Area 1 = 145451			Recovery = 127.76%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	8252	1.266	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 63.30%				
7) Phenol-d6	3.534	99	7525	0.866	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 43.30%				
19) Nitrobenzene-d5	4.346	82	6852	0.918	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 91.80%				
46) 2-Fluorobiphenyl	6.081	172	17277	0.784	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 78.40%				
79) 2,4,6-Tribromophenol	7.463	330	6042	1.513	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 75.65%				
96) 4-Terphenyl-d14	9.693	244	30666	0.820	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 82.00%				

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-01.D
Acq On : 04 Apr 2026 01:53 pm
Operator : SV112:cmm
Sample : L2617421-01,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 06 06:50:45 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-01.D
Acq On : 04 Apr 2026 01:53 pm
Operator : SV112:cmm
Sample : L2617421-01,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 06 06:50:45 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) NDPA/DPA	0.000		0		N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
87) Atrazine	0.000		0		N.D.	
91) Carbazole	0.000		0		N.D.	
92) Di-n-butylphthalate	0.000		0		N.D.	
97) Butyl benzyl phthalate	0.000		0		N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
108) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	
109) Di-n-octylphthalate	0.000		0		N.D.	d

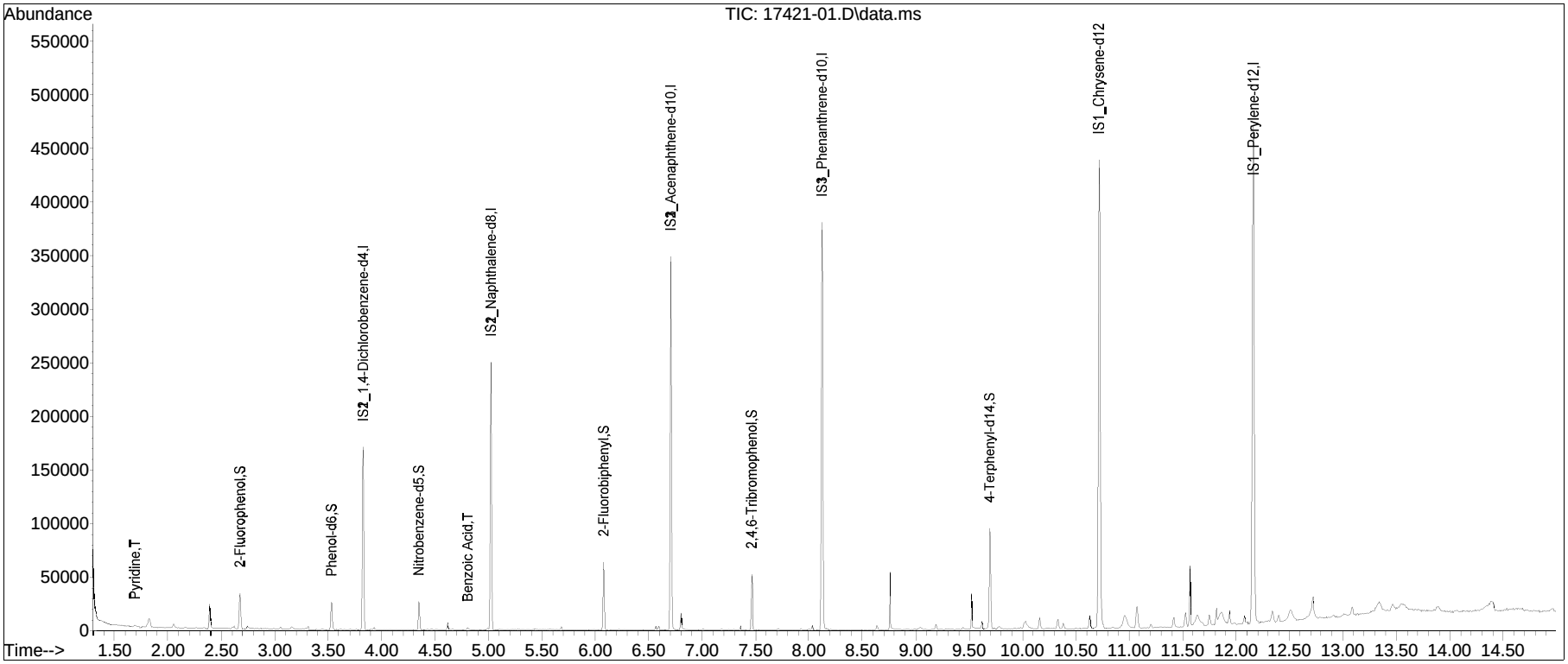
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-01.D
Acq On : 04 Apr 2026 01:53 pm
Operator : SV112:cmm
Sample : L2617421-01,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 06 06:50:45 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90404.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-02.D
Acq On : 04 Apr 2026 02:12 pm
Operator : SV112:cmm
Sample : L2617421-02,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 06 06:51:05 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	24752	4.000	ug/ml		0.00
Standard Area 1 = 20342			Recovery = 121.68%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	24752	4.000	ug/ml		0.00
Standard Area 3 = 20934			Recovery = 118.24%				
35) IS1_Naphthalene-d8	5.022	136	93324	4.000	ug/ml		0.00
Standard Area 1 = 76705			Recovery = 121.67%				
55) IS2_Naphthalene-d8	5.022	136	93324	4.000	ug/ml		0.00
Standard Area 3 = 78037			Recovery = 119.59%				
63) IS1_Acenaphthene-d10	6.704	164	60175	4.000	ug/ml		0.00
Standard Area 1 = 48351			Recovery = 124.45%				
83) IS2_Acenaphthene-d10	6.704	164	60175	4.000	ug/ml		0.00
Standard Area 3 = 48003			Recovery = 125.36%				
86) IS3_Acenaphthene-d10	6.704	164	60175	4.000	ug/ml		0.00
Standard Area 2 = 45459			Recovery = 132.37%				
88) IS1_Phenanthrene-d10	8.122	188	137949	4.000	ug/ml	#	0.00
Standard Area 1 = 110399			Recovery = 124.95%				
100) IS3_Phenanthrene-d10	8.122	188	137949	4.000	ug/ml	#	0.00
Standard Area 2 = 111052			Recovery = 124.22%				
104) IS1_Chrysene-d12	10.716	240	154949	4.000	ug/ml	#	0.00
Standard Area 1 = 133417			Recovery = 116.14%				
113) IS1_Perylene-d12	12.163	264	183643	4.000	ug/ml		0.00
Standard Area 1 = 145451			Recovery = 126.26%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	5244	0.850	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 42.50%				
7) Phenol-d6	3.534	99	4848	0.589	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 29.45%				
19) Nitrobenzene-d5	4.346	82	4517	0.639	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 63.90%				
46) 2-Fluorobiphenyl	6.081	172	11720	0.553	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 55.30%				
79) 2,4,6-Tribromophenol	7.463	330	3621	0.947	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 47.35%				
96) 4-Terphenyl-d14	9.693	244	22408	0.626	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 62.60%				

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-02.D
Acq On : 04 Apr 2026 02:12 pm
Operator : SV112:cmm
Sample : L2617421-02,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 06 06:51:05 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-02.D
Acq On : 04 Apr 2026 02:12 pm
Operator : SV112:cmm
Sample : L2617421-02,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 06 06:51:05 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) NDPA/DPA	0.000		0		N.D.	
80) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
87) Atrazine	0.000		0		N.D.	
91) Carbazole	0.000		0		N.D.	
92) Di-n-butylphthalate	0.000		0		N.D.	
97) Butyl benzyl phthalate	0.000		0		N.D.	
106) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
108) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	
109) Di-n-octylphthalate	0.000		0		N.D.	d

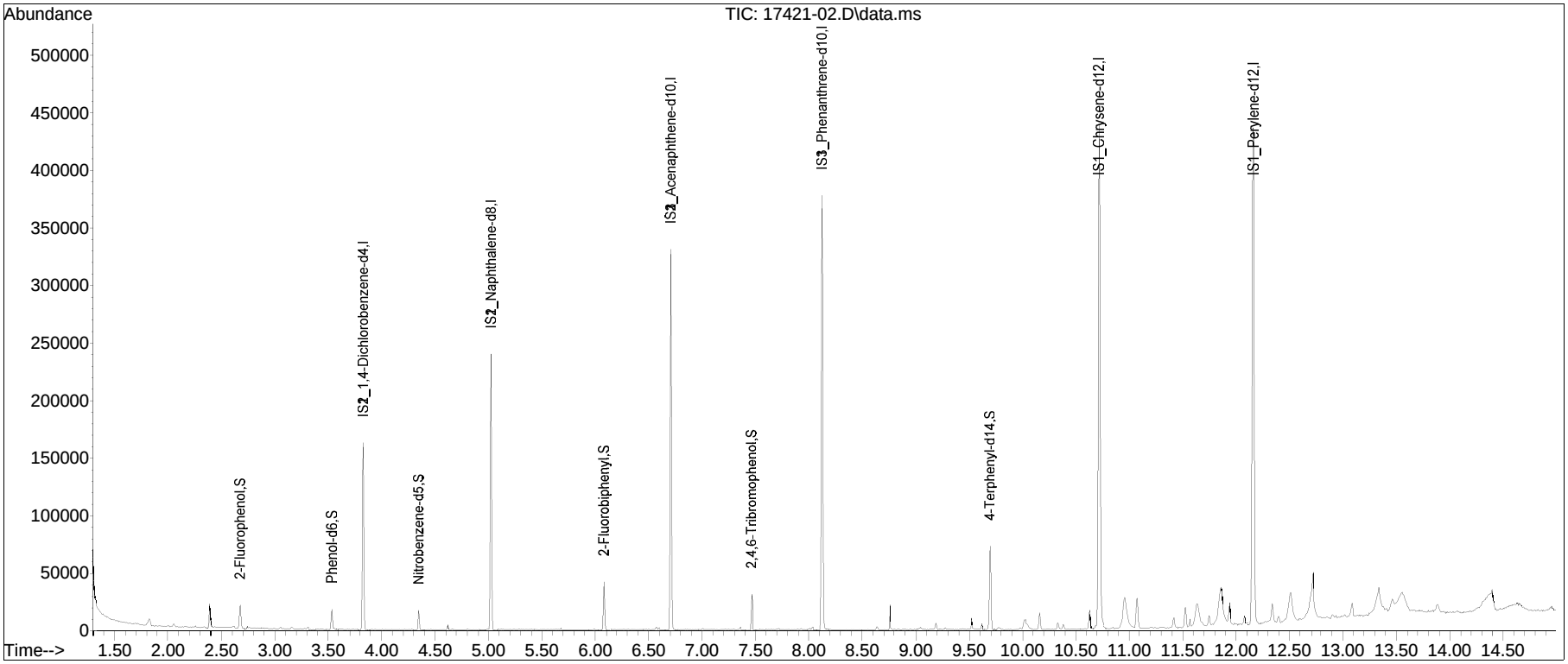
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-02.D
Acq On : 04 Apr 2026 02:12 pm
Operator : SV112:cmm
Sample : L2617421-02,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 06 06:51:05 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90404.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260404rvt\	QMethod	: FS260206SV112RVT.m
Data File	: 17421-02.D	Operator	: SV112:cmm
Date Inj'd	: 4/4/2026 2:12 pm	Instrument	: SV112
Sample	: L2617421-02,32,,gmr	Quant Date	: 4/4/2026 2:28 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-03.D
Acq On : 04 Apr 2026 02:31 pm
Operator : SV112:cmm
Sample : L2617421-03,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 06 06:51:32 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	24893	4.000	ug/ml		0.00
Standard Area 1 = 20342			Recovery = 122.37%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	24893	4.000	ug/ml		0.00
Standard Area 3 = 20934			Recovery = 118.91%				
35) IS1_Naphthalene-d8	5.022	136	97020	4.000	ug/ml		0.00
Standard Area 1 = 76705			Recovery = 126.48%				
55) IS2_Naphthalene-d8	5.022	136	97020	4.000	ug/ml		0.00
Standard Area 3 = 78037			Recovery = 124.33%				
63) IS1_Acenaphthene-d10	6.704	164	63834	4.000	ug/ml		0.00
Standard Area 1 = 48351			Recovery = 132.02%				
83) IS2_Acenaphthene-d10	6.704	164	63834	4.000	ug/ml		0.00
Standard Area 3 = 48003			Recovery = 132.98%				
86) IS3_Acenaphthene-d10	6.704	164	63834	4.000	ug/ml		0.00
Standard Area 2 = 45459			Recovery = 140.42%				
88) IS1_Phenanthrene-d10	8.122	188	142337	4.000	ug/ml	#	0.00
Standard Area 1 = 110399			Recovery = 128.93%				
100) IS3_Phenanthrene-d10	8.122	188	142337	4.000	ug/ml	#	0.00
Standard Area 2 = 111052			Recovery = 128.17%				
104) IS1_Chrysene-d12	10.722	240	160372	4.000	ug/ml	#	0.00
Standard Area 1 = 133417			Recovery = 120.20%				
113) IS1_Perylene-d12	12.169	264	186526	4.000	ug/ml		0.00
Standard Area 1 = 145451			Recovery = 128.24%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	6247	1.007	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 50.35%				
7) Phenol-d6	3.534	99	5934	0.717	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 35.85%				
19) Nitrobenzene-d5	4.346	82	5503	0.774	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 77.40%				
46) 2-Fluorobiphenyl	6.081	172	14852	0.675	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 67.50%				
79) 2,4,6-Tribromophenol	7.469	330	6187	1.525	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 76.25%				
96) 4-Terphenyl-d14	9.698	244	29042	0.786	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 78.60%				

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-03.D
Acq On : 04 Apr 2026 02:31 pm
Operator : SV112:cmm
Sample : L2617421-03,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 06 06:51:32 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
38) 4-Chloroaniline	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-03.D
Acq On : 04 Apr 2026 02:31 pm
Operator : SV112:cmm
Sample : L2617421-03,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 06 06:51:32 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) NDPA/DPA	0.000		0	N.D.		
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.		
109) Di-n-octylphthalate	0.000		0	N.D.		

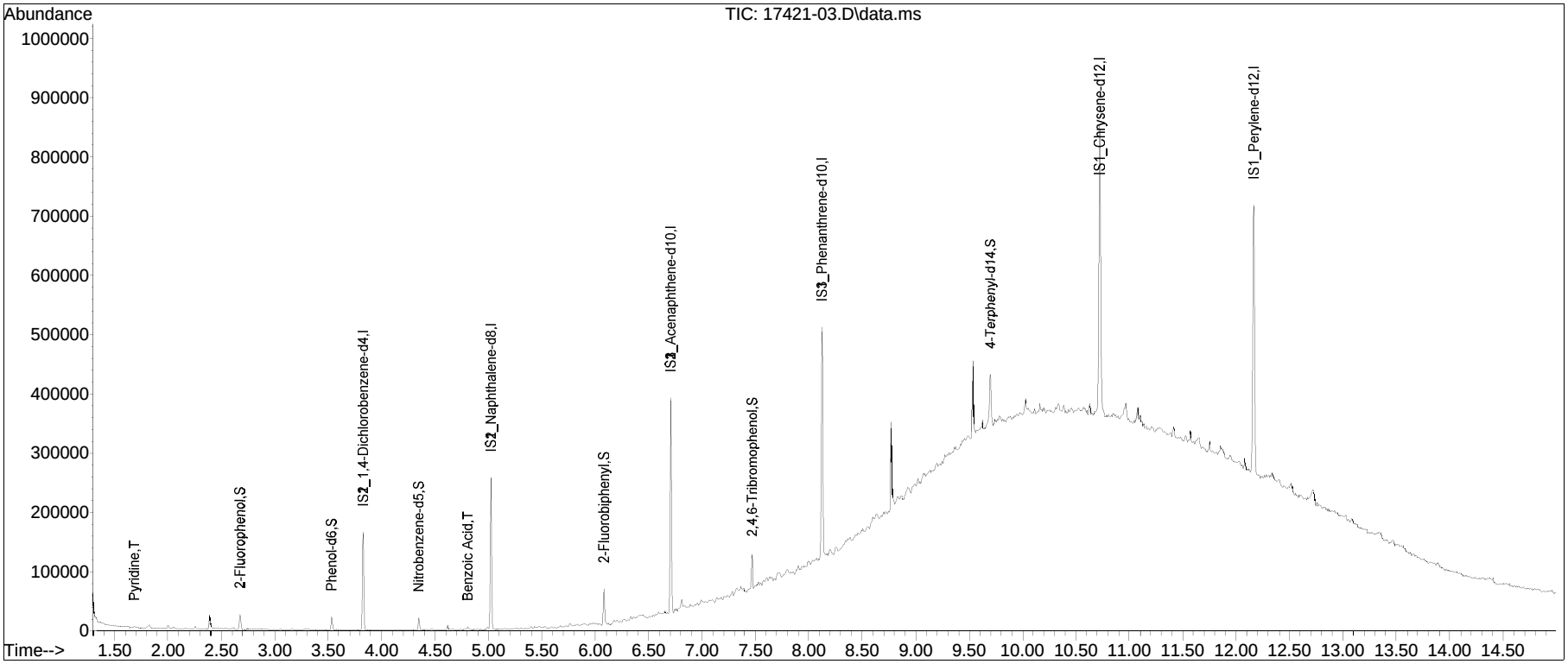
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 17421-03.D
Acq On : 04 Apr 2026 02:31 pm
Operator : SV112:cmm
Sample : L2617421-03,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 06 06:51:32 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90404.D•



Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV112**	**Ical Ref**	**: ICAL23047**
Calibration dates	**: 02/07/26 00:29 02/07/26 09:48**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =ABNL8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	T	N-Nitrosodimethylamine	0.516	0.636	0.719	0.608	0.710	0.749	0.761	0.735	0.746	0.687	12.05
3)	T	Pyridine	0.942	1.005	1.164	0.975	1.071	1.118	1.182	1.213	1.191	1.096	9.25
4)	S	2-Fluorophenol	1.063	0.952	1.030	0.894	0.946	0.990	1.037	1.029	1.035	0.997	5.60
5)	T	Aniline	1.866	1.853	1.794	1.723	1.875	1.951	1.946	1.826	1.901	1.859	3.88
6)	T	2-Chlorophenol	1.256	1.202	1.164	1.102	1.146	1.208	1.227	1.144	1.177	1.181	4.02
7)	S	Phenol-d6	1.214	1.251	1.336	1.194	1.339	1.392	1.431	1.365	1.442	1.329	6.84
8)	T	Phenol	1.474	1.434	1.488	1.372	1.543	1.641	1.650	1.544	1.618	1.529	6.28
9)	T	bis(2-Chloroethyl)ether	1.157	1.160	1.107	1.049	1.138	1.173	1.167	1.079	1.104	1.126	3.85
10)	T	1,3-Dichlorobenzene	1.451	1.553	1.484	1.346	1.413	1.431	1.433	1.336	1.352	1.422	4.98
11)	T	1,4-Dichlorobenzene	1.640	1.540	1.478	1.346	1.448	1.476	1.454	1.341	1.366	1.454	6.67
12)	T	1,2-Dichlorobenzene	1.443	1.452	1.472	1.361	1.366	1.397	1.398	1.285	1.333	1.389	4.35
13)	T	Benzyl alcohol	0.981	0.861	0.886	0.878	0.997	1.051	1.067	1.008	1.102	0.981	8.98
14)	T	bis(2-chloroisopropyl)ether	1.715	1.680	1.748	1.595	1.683	1.734	1.712	1.577	1.637	1.675	3.62
15)	T	2-Methylphenol	0.937	0.989	0.972	0.964	1.052	1.111	1.119	1.051	1.139	1.037	7.22
16)	T	Hexachloroethane		0.539	0.514	0.488	0.518	0.531	0.534	0.506	0.545	0.522	3.61
17)	T	n-Nitrosodi-n-propylamine	0.755	0.794	0.899	0.857	0.905	0.970	0.971	0.913	0.987	0.894	8.98
18)	T	3-Methylphenol/4-Methylphenol	0.971	1.030	1.074	1.042	1.152	1.188	1.216	1.119	1.212	1.112	7.88
19)	S	Nitrobenzene-d5	1.189	1.005	1.084	1.004	1.140	1.194	1.220	1.182	1.262	1.142	8.07
20)	T	Nitrobenzene	1.013	1.113	1.080	1.013	1.174	1.283	1.303	1.235	1.331	1.172	10.51
21)	T	Isophorone	2.401	2.513	2.488	2.378	2.554	2.714	2.725	2.513	2.649	2.548	4.92
22)	T	2-Nitrophenol			0.431	0.424	0.476	0.532	0.557	0.552	0.606	0.511	13.49
23)	T	2,4-Dimethylphenol	1.111	1.118	1.224	1.142	1.234	1.271	1.328	1.250	1.349	1.225	7.07
24)	T	bis(2-Chloroethoxy)methane	1.447	1.508	1.574	1.536	1.623	1.660	1.672	1.542	1.634	1.578	4.80
25)	T	2,4-Dichlorophenol	1.038	1.036	1.083	1.069	1.197	1.239	1.271	1.198	1.297	1.159	8.88
26)	T	1,2,4-Trichlorobenzene	1.545	1.503	1.414	1.403	1.427	1.449	1.457	1.348	1.434	1.442	3.94
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.922	0.952	1.041	0.949	1.024	1.024	0.974	1.017	1.030	0.992	4.39
29)	T	Acetophenone	1.744	1.523	1.736	1.635	1.822	1.842	1.730	1.790	1.769	1.732	5.71
30)	T	m-Toluidine	1.426	1.473	1.659	1.555	1.772	1.780	1.706	1.731	1.711	1.646	7.91
31)	T	2-Chloroaniline	1.601	1.452	1.517	1.444	1.578	1.624	1.513	1.546	1.543	1.535	4.01
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane			0.521	0.437	0.402	0.414	0.399	0.367	0.416	0.422	11.48
34)	T	n-Decane	1.237	1.239	1.248	1.206	1.193	1.245	1.211	1.204	1.244	1.225	1.73
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.054	1.045	1.009	0.953	0.999	0.983	0.961	0.905	0.829	0.971	7.25

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV112**	**Ical Ref**	**: ICAL23047**
Calibration dates	**: 02/07/26 00:29 02/07/26 09:48**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =ABNL8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid					0.158	0.182	0.206	0.221	0.234	0.200	15.31
38)	T	4-Chloroaniline		0.123	0.130	0.120	0.126	0.132	0.131	0.128	0.132	0.128	3.40
39)	T	Hexachlorobutadiene		0.261	0.252	0.234	0.238	0.235	0.232	0.224	0.222	0.237	5.54
40)	T	p-Chloro-m-cresol	0.258	0.260	0.273	0.263	0.293	0.310	0.309	0.311	0.309	0.287	8.20
41)	T	2-Methylnaphthalene	0.697	0.702	0.673	0.632	0.659	0.661	0.659	0.625	0.603	0.657	4.93
42)	T	1-Methylnaphthalene	0.238	0.238	0.245	0.228	0.240	0.242	0.240	0.232	0.236	0.238	2.28
43)	T	Hexachlorocyclopentadiene		0.244	0.272	0.255	0.280	0.283	0.292	0.285	0.287	0.275	6.14
44)	T	2,4,6-Trichlorophenol		0.235	0.239	0.240	0.263	0.276	0.282	0.274	0.272	0.260	7.36
45)	T	2,4,5-Trichlorophenol		0.251	0.263	0.249	0.286	0.295	0.305	0.291	0.288	0.279	7.63
46)	S	2-Fluorobiphenyl	0.983	0.981	0.949	0.922	0.936	0.907	0.897	0.831	0.764	0.908	7.83
47)	T	2-Chloronaphthalene	0.765	0.807	0.802	0.756	0.777	0.773	0.761	0.724	0.684	0.761	4.97
48)	T	2-Nitroaniline		0.131	0.157	0.154	0.176	0.200	0.205	0.216	0.224	0.183	18.27
49)	T	1,4-Dinitrobenzene			0.067	0.069	0.080	0.094	0.100	0.107	0.109	0.089	19.44
50)	T	1,3-Dinitrobenzene			0.089	0.081	0.098	0.113	0.118	0.127	0.131	0.108	17.77
51)	T	Dimethyl phthalate	0.961	1.036	1.031	0.967	1.020	1.029	0.999	0.935	0.835	0.979	6.62
52)	T	Acenaphthylene	1.266	1.292	1.288	1.217	1.276	1.261	1.247	1.140	1.029	1.224	7.08
53)	T	2,6-Dinitrotoluene		0.121	0.146	0.140	0.167	0.188	0.189	0.191	0.192	0.167	16.72
54)	T	1,2-Dinitrobenzene			0.053	0.058	0.069	0.077	0.081	0.082	0.083	0.072	16.67
55)	I	IS2_Naphthalene-d8	----------ISTD----------										
56)	T	a-Terpineol	0.255	0.206	0.244	0.232	0.253	0.256	0.247	0.258	0.258	0.245	6.97
57)	T	3-Chloroaniline		0.123	0.140	0.137	0.146	0.149	0.141	0.140	0.146	0.140	5.60
58)	T	2,6-Dichlorophenol	0.263	0.273	0.274	0.264	0.293	0.313	0.288	0.298	0.298	0.285	6.06
59)	T	1-chloro-2-nitrobenzene			0.094	0.100	0.119	0.118	0.116	0.128	0.136	0.116	12.70
60)	T	Caprolactam		0.167	0.146	0.138	0.149	0.152	0.153	0.164	0.169	0.155	7.10
61)	T	1,2,4,5-Tetrachlorobenzene	0.410	0.433	0.457	0.416	0.444	0.442	0.405	0.407	0.394	0.423	5.06
62)	T	Biphenyl	0.938	0.945	0.925	0.924	0.967	0.962	0.887	0.867	0.779	0.911	6.49
63)	I	IS1_Acenaphthene-d10	----------ISTD----------										
64)	T	3-Nitroaniline		0.224	0.239	0.214	0.275	0.301	0.304	0.311	0.317	0.273	15.31
65)	T	Acenaphthene	1.160	1.103	1.100	1.036	1.032	1.039	1.036	0.992	0.951	1.050	5.95
66)	T	2,4-Dinitrophenol				0.093	0.109	0.137	0.138	0.148	0.158	0.130	18.88
67)	T	Dibenzofuran	1.970	2.012	1.888	1.878	1.802	1.792	1.755	1.615	1.421	1.793	10.19
68)	T	2,4-Dinitrotoluene		0.275	0.271	0.287	0.332	0.380	0.399	0.405	0.405	0.344	17.37
69)	T	4-Nitrophenol		0.132	0.189	0.184	0.201	0.226	0.234	0.241	0.249	0.207	18.67
70)	T	2,3,5,6-Tetrachlorophenol		0.337	0.363	0.357	0.384	0.401	0.401	0.399	0.398	0.380	6.42
71)	T	2,3,4,6-Tetrachlorophenol		0.321	0.357	0.357	0.380	0.399	0.404	0.390	0.384	0.374	7.33
72)	T	Diethyl phthalate	1.585	1.553	1.553	1.496	1.529	1.564	1.525	1.443	1.338	1.510	5.07

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV112**	**Ical Ref**	**: ICAL23047**
Calibration dates	**: 02/07/26 00:29 02/07/26 09:48**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =ABNL8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD	
73)	T	Fluorene	1.599	1.515	1.538	1.448	1.467	1.466	1.442	1.356	1.248	1.453	7.08	
74)	T	4-Chlorophenyl-phenylether	0.810	0.782	0.825	0.769	0.762	0.729	0.713	0.680	0.651	0.747	7.79	
75)	T	4-Nitroaniline		0.199	0.227	0.230	0.293	0.308	0.321	0.311	0.315	0.275	17.62	
76)	T	4,6-Dinitro-o-cresol			0.143	0.143	0.169	0.194	0.202	0.212	0.224	0.184	17.77	
77)	T	NDPA/DPA	1.338	1.301	1.333	1.251	1.257	1.265	1.236	1.171	1.097	1.250	6.16	
78)	T	Azobenzene	1.305	1.283	1.376	1.344	1.358	1.344	1.331	1.256	1.170	1.307	4.88	
79)	S	2,4,6-Tribromophenol		0.214	0.248	0.229	0.260	0.267	0.271	0.270	0.275	0.254	8.74	
80)	T	4-Bromophenyl-phenylether	0.555	0.510	0.532	0.487	0.510	0.501	0.500	0.476	0.470	0.505	5.28	
81)	T	Hexachlorobenzene	0.667	0.691	0.641	0.627	0.611	0.603	0.591	0.567	0.552	0.617	7.31	
82)	T	Pentachlorophenol		0.272	0.283	0.276	0.322	0.354	0.363	0.363	0.369	0.325	13.07	
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran			0.126	0.133	0.148	0.156	0.162	0.188	0.202	0.159	17.32	
85)	T	Pentachloronitrobenzene			0.153	0.150	0.172	0.186	0.186	0.201	0.207	0.179	12.38	
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.418	0.443	0.463	0.445	0.439	0.485	0.490	0.497	0.503	0.465	6.46	
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.139	1.101	1.097	1.020	1.044	1.024	0.990	0.910	0.781	1.012	10.85	
90)	T	Anthracene	1.168	1.061	1.088	1.024	1.070	1.056	1.016	0.923	0.794	1.022	10.52	
91)	T	Carbazole	1.043	1.012	1.011	0.966	0.995	0.996	0.950	0.875	0.778	0.958	8.66	
92)	T	Di-n-butylphthalate	1.016	1.058	1.091	1.006	1.120	1.185	1.154	1.055	0.876	1.062	8.66	
93)	T	Fluoranthene	1.422	1.336	1.373	1.270	1.321	1.314	1.247	1.121	0.935	1.260	11.80	
94)	T	Benzidine	0.746	0.712	0.808	0.749	0.832	0.870	0.841	0.791	0.714	0.785	7.33	
95)	T	Pyrene	1.543	1.451	1.402	1.365	1.387	1.369	1.288	1.136	0.946	1.321	13.58	
96)	S	4-Terphenyl-d14	1.226	1.116	1.131	1.061	1.069	1.052	1.003	0.913	0.776	1.039	12.62	
97)	T	Butyl benzyl phthalate	0.355	0.348	0.375	0.351	0.418	0.483	0.483	0.497	0.492	0.422	15.73	
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.421	0.420	0.462	0.442	0.497	0.521	0.504	0.508	0.484	0.473	8.08	
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.374	0.406	0.391	0.378	0.361	0.382	0.386	0.397	0.389	0.385	3.45	
102)	T	Parathion				0.067	0.067	0.075	0.084	0.108	0.115		*Q	0.9973
103)	T	3,3'-Dimethylbenzidine	0.527	0.595	0.687	0.732	0.750	0.848	0.888	0.881	0.838	0.750	17.10	
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.506	1.316	1.306	1.222	1.246	1.247	1.221	1.090	0.937	1.232	12.67	
106)	T	3,3'-Dichlorobenzidine	0.471	0.466	0.465	0.449	0.489	0.520	0.518	0.487	0.448	0.479	5.54	
107)	T	Chrysene	1.424	1.263	1.207	1.158	1.145	1.144	1.113	0.982	0.856	1.144	14.07	
108)	T	bis(2-Ethylhexyl)phthalate	0.516	0.495	0.494	0.522	0.610	0.680	0.700	0.683	0.645	0.594	14.63	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV112**	**Ical Ref**	**: ICAL23047**
Calibration dates	**: 02/07/26 00:29 02/07/26 09:48**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =ABNL8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Di-n-octylphthalate	0.860	0.807	0.841	0.873	1.035	1.181	1.200	1.136	0.987	0.991	15.55
110)	T	Benzo(b)fluoranthene	1.474	1.302	1.267	1.229	1.238	1.339	1.259	1.151	1.126	1.265	8.15
111)	T	Benzo(k)fluoranthene	1.468	1.317	1.328	1.243	1.264	1.188	1.192	1.024	0.820	1.205	15.60
112)	T	Benzo(a)pyrene	1.338	1.229	1.246	1.185	1.189	1.221	1.179	1.076	0.981	1.183	8.67
113)	I	IS1_Perylene-d12	----------ISTD----------										
114)	T	Indeno(1,2,3-cd)pyrene	1.263	1.178	1.152	1.126	1.140	1.154	1.181	1.103	1.056	1.150	4.98
115)	T	Dibenzo[a,h]anthracene	1.204	1.114	1.086	1.067	1.074	1.103	1.072	0.997	0.858	1.064	8.88
116)	T	Benzo(g,h,i)perylene	1.242	1.086	1.098	1.041	1.041	1.075	1.047	0.986	0.907	1.058	8.54

Response Factor Report SV112

Method Path : I:\8270\SV112\260206RVTICAL\
Method File : FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Feb 09 11:52:08 2026
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =ABNL8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	T	N-Nitrosodimethylamine	0.516	0.636	0.719	0.608	0.710	0.749	0.761	0.735	0.746	0.687	12.05
3)	T	Pyridine	0.942	1.005	1.164	0.975	1.071	1.118	1.182	1.213	1.191	1.096	9.25
4)	S	2-Fluorophenol	1.063	0.952	1.030	0.894	0.946	0.990	1.037	1.029	1.035	0.997	5.60
5)	T	Aniline	1.866	1.853	1.794	1.723	1.875	1.951	1.946	1.826	1.901	1.859	3.88
6)	T	2-Chlorophenol	1.256	1.202	1.164	1.102	1.146	1.208	1.227	1.144	1.177	1.181	4.02
7)	S	Phenol-d6	1.214	1.251	1.336	1.194	1.339	1.392	1.431	1.365	1.442	1.329	6.84
8)	T	Phenol	1.474	1.434	1.488	1.372	1.543	1.641	1.650	1.544	1.618	1.529	6.28
9)	T	bis(2-Chloroethyl)ether	1.157	1.160	1.107	1.049	1.138	1.173	1.167	1.079	1.104	1.126	3.85
10)	T	1,3-Dichlorobenzene	1.451	1.553	1.484	1.346	1.413	1.431	1.433	1.336	1.352	1.422	4.98
11)	T	1,4-Dichlorobenzene	1.640	1.540	1.478	1.346	1.448	1.476	1.454	1.341	1.366	1.454	6.67
12)	T	1,2-Dichlorobenzene	1.443	1.452	1.472	1.361	1.366	1.397	1.398	1.285	1.333	1.389	4.35
13)	T	Benzyl alcohol	0.981	0.861	0.886	0.878	0.997	1.051	1.067	1.008	1.102	0.981	8.98
14)	T	bis(2-chloroisopropyl)ether	1.715	1.680	1.748	1.595	1.683	1.734	1.712	1.577	1.637	1.675	3.62
15)	T	2-Methylphenol	0.937	0.989	0.972	0.964	1.052	1.111	1.119	1.051	1.139	1.037	7.22
16)	T	Hexachloroethane		0.539	0.514	0.488	0.518	0.531	0.534	0.506	0.545	0.522	3.61
17)	T	n-Nitrosodi-n-propylamine	0.755	0.794	0.899	0.857	0.905	0.970	0.971	0.913	0.987	0.894	8.98
18)	T	3-Methylphenol/4-Methylphenol	0.971	1.030	1.074	1.042	1.152	1.188	1.216	1.119	1.212	1.112	7.88
19)	S	Nitrobenzene-d5	1.189	1.005	1.084	1.004	1.140	1.194	1.220	1.182	1.262	1.142	8.07
20)	T	Nitrobenzene	1.013	1.113	1.080	1.013	1.174	1.283	1.303	1.235	1.331	1.172	10.51
21)	T	Isophorone	2.401	2.513	2.488	2.378	2.554	2.714	2.725	2.513	2.649	2.548	4.92
22)	T	2-Nitrophenol			0.431	0.424	0.476	0.532	0.557	0.552	0.606	0.511	13.49
23)	T	2,4-Dimethylphenol	1.111	1.118	1.224	1.142	1.234	1.271	1.328	1.250	1.349	1.225	7.07
24)	T	bis(2-Chloroethoxy)methane	1.447	1.508	1.574	1.536	1.623	1.660	1.672	1.542	1.634	1.578	4.80
25)	T	2,4-Dichlorophenol	1.038	1.036	1.083	1.069	1.197	1.239	1.271	1.198	1.297	1.159	8.88
26)	T	1,2,4-Trichlorobenzene	1.545	1.503	1.414	1.403	1.427	1.449	1.457	1.348	1.434	1.442	3.94
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.922	0.952	1.041	0.949	1.024	1.024	0.974	1.017	1.030	0.992	4.39
29)	T	Acetophenone	1.744	1.523	1.736	1.635	1.822	1.842	1.730	1.790	1.769	1.732	5.71
30)	T	m-Toluidine	1.426	1.473	1.659	1.555	1.772	1.780	1.706	1.731	1.711	1.646	7.91
31)	T	2-Chloroaniline	1.601	1.452	1.517	1.444	1.578	1.624	1.513	1.546	1.543	1.535	4.01
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane			0.521	0.437	0.402	0.414	0.399	0.367	0.416	0.422	11.48
34)	T	n-Decane	1.237	1.239	1.248	1.206	1.193	1.245	1.211	1.204	1.244	1.225	1.73
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.054	1.045	1.009	0.953	0.999	0.983	0.961	0.905	0.829	0.971	7.25
37)	T	Benzoic Acid					0.158	0.182	0.206	0.221	0.234	0.200	15.31
38)	T	4-Chloroaniline		0.123	0.130	0.120	0.126	0.132	0.131	0.128	0.132	0.128	3.40
39)	T	Hexachlorobutadiene		0.261	0.252	0.234	0.238	0.235	0.232	0.224	0.222	0.237	5.54
40)	T	p-Chloro-m-cresol	0.258	0.260	0.273	0.263	0.293	0.310	0.309	0.311	0.309	0.287	8.20
41)	T	2-Methylnaphthalene	0.697	0.702	0.673	0.632	0.659	0.661	0.659	0.625	0.603	0.657	4.93
42)	T	1-Methylnaphthalene	0.238	0.238	0.245	0.228	0.240	0.242	0.240	0.232	0.236	0.238	2.28
43)	T	Hexachlorocyclopentadiene		0.244	0.272	0.255	0.280	0.283	0.292	0.285	0.287	0.275	6.14
44)	T	2,4,6-Trichlorophenol		0.235	0.239	0.240	0.263	0.276	0.282	0.274	0.272	0.260	7.36
45)	T	2,4,5-Trichlorophenol		0.251	0.263	0.249	0.286	0.295	0.305	0.291	0.288	0.279	7.63

Response Factor Report SV112

Method Path : I:\8270\SV112\260206RVTICAL\
Method File : FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Feb 09 11:52:08 2026
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =ABNL8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
46)	S	2-Fluorobiphenyl	0.983	0.981	0.949	0.922	0.936	0.907	0.897	0.831	0.764	0.908	7.83
47)	T	2-Chloronaphthalene	0.765	0.807	0.802	0.756	0.777	0.773	0.761	0.724	0.684	0.761	4.97
48)	T	2-Nitroaniline		0.131	0.157	0.154	0.176	0.200	0.205	0.216	0.224	0.183	18.27
49)	T	1,4-Dinitrobenzene			0.067	0.069	0.080	0.094	0.100	0.107	0.109	0.089	19.44
50)	T	1,3-Dinitrobenzene			0.089	0.081	0.098	0.113	0.118	0.127	0.131	0.108	17.77
51)	T	Dimethyl phthalate	0.961	1.036	1.031	0.967	1.020	1.029	0.999	0.935	0.835	0.979	6.62
52)	T	Acenaphthylene	1.266	1.292	1.288	1.217	1.276	1.261	1.247	1.140	1.029	1.224	7.08
53)	T	2,6-Dinitrotoluene		0.121	0.146	0.140	0.167	0.188	0.189	0.191	0.192	0.167	16.72
54)	T	1,2-Dinitrobenzene			0.053	0.058	0.069	0.077	0.081	0.082	0.083	0.072	16.67
55)	I	IS2_Naphthalene-d8	----------ISTD----------										
56)	T	a-Terpineol	0.255	0.206	0.244	0.232	0.253	0.256	0.247	0.258	0.258	0.245	6.97
57)	T	3-Chloroaniline		0.123	0.140	0.137	0.146	0.149	0.141	0.140	0.146	0.140	5.60
58)	T	2,6-Dichlorophenol	0.263	0.273	0.274	0.264	0.293	0.313	0.288	0.298	0.298	0.285	6.06
59)	T	1-chloro-2-nitrobenzene			0.094	0.100	0.119	0.118	0.116	0.128	0.136	0.116	12.70
60)	T	Caprolactam		0.167	0.146	0.138	0.149	0.152	0.153	0.164	0.169	0.155	7.10
61)	T	1,2,4,5-Tetrachlorobenzene	0.410	0.433	0.457	0.416	0.444	0.442	0.405	0.407	0.394	0.423	5.06
62)	T	Biphenyl	0.938	0.945	0.925	0.924	0.967	0.962	0.887	0.867	0.779	0.911	6.49
63)	I	IS1_Acenaphthene-d10	----------ISTD----------										
64)	T	3-Nitroaniline		0.224	0.239	0.214	0.275	0.301	0.304	0.311	0.317	0.273	15.31
65)	T	Acenaphthene	1.160	1.103	1.100	1.036	1.032	1.039	1.036	0.992	0.951	1.050	5.95
66)	T	2,4-Dinitrophenol				0.093	0.109	0.137	0.138	0.148	0.158	0.130	18.88
67)	T	Dibenzofuran	1.970	2.012	1.888	1.878	1.802	1.792	1.755	1.615	1.421	1.793	10.19
68)	T	2,4-Dinitrotoluene		0.275	0.271	0.287	0.332	0.380	0.399	0.405	0.405	0.344	17.37
69)	T	4-Nitrophenol		0.132	0.189	0.184	0.201	0.226	0.234	0.241	0.249	0.207	18.67
70)	T	2,3,5,6-Tetrachlorophenol		0.337	0.363	0.357	0.384	0.401	0.401	0.399	0.398	0.380	6.42
71)	T	2,3,4,6-Tetrachlorophenol		0.321	0.357	0.357	0.380	0.399	0.404	0.390	0.384	0.374	7.33
72)	T	Diethyl phthalate	1.585	1.553	1.553	1.496	1.529	1.564	1.525	1.443	1.338	1.510	5.07
73)	T	Fluorene	1.599	1.515	1.538	1.448	1.467	1.466	1.442	1.356	1.248	1.453	7.08
74)	T	4-Chlorophenyl-phenylether	0.810	0.782	0.825	0.769	0.762	0.729	0.713	0.680	0.651	0.747	7.79
75)	T	4-Nitroaniline		0.199	0.227	0.230	0.293	0.308	0.321	0.311	0.315	0.275	17.62
76)	T	4,6-Dinitro-o-cresol			0.143	0.143	0.169	0.194	0.202	0.212	0.224	0.184	17.77
77)	T	NDPA/DPA	1.338	1.301	1.333	1.251	1.257	1.265	1.236	1.171	1.097	1.250	6.16
78)	T	Azobenzene	1.305	1.283	1.376	1.344	1.358	1.344	1.331	1.256	1.170	1.307	4.88
79)	S	2,4,6-Tribromophenol		0.214	0.248	0.229	0.260	0.267	0.271	0.270	0.275	0.254	8.74
80)	T	4-Bromophenyl-phenylether	0.555	0.510	0.532	0.487	0.510	0.501	0.500	0.476	0.470	0.505	5.28
81)	T	Hexachlorobenzene	0.667	0.691	0.641	0.627	0.611	0.603	0.591	0.567	0.552	0.617	7.31
82)	T	Pentachlorophenol		0.272	0.283	0.276	0.322	0.354	0.363	0.363	0.369	0.325	13.07
83)	I	IS2_Acenaphthene-d10	----------ISTD----------										
84)	T	Dichloran			0.126	0.133	0.148	0.156	0.162	0.188	0.202	0.159	17.32
85)	T	Pentachloronitrobenzene			0.153	0.150	0.172	0.186	0.186	0.201	0.207	0.179	12.38
86)	I	IS3_Acenaphthene-d10	----------ISTD----------										
87)	T	Atrazine	0.418	0.443	0.463	0.445	0.439	0.485	0.490	0.497	0.503	0.465	6.46
88)	I	IS1_Phenanthrene-d10	----------ISTD----------										
89)	T	Phenanthrene	1.139	1.101	1.097	1.020	1.044	1.024	0.990	0.910	0.781	1.012	10.85
90)	T	Anthracene	1.168	1.061	1.088	1.024	1.070	1.056	1.016	0.923	0.794	1.022	10.52

Response Factor Report SV112

Method Path : I:\8270\SV112\260206RVTICAL\
Method File : FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Feb 09 11:52:08 2026
Response Via : Initial Calibration

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =ABNL8.D L9 =AP9L9.D

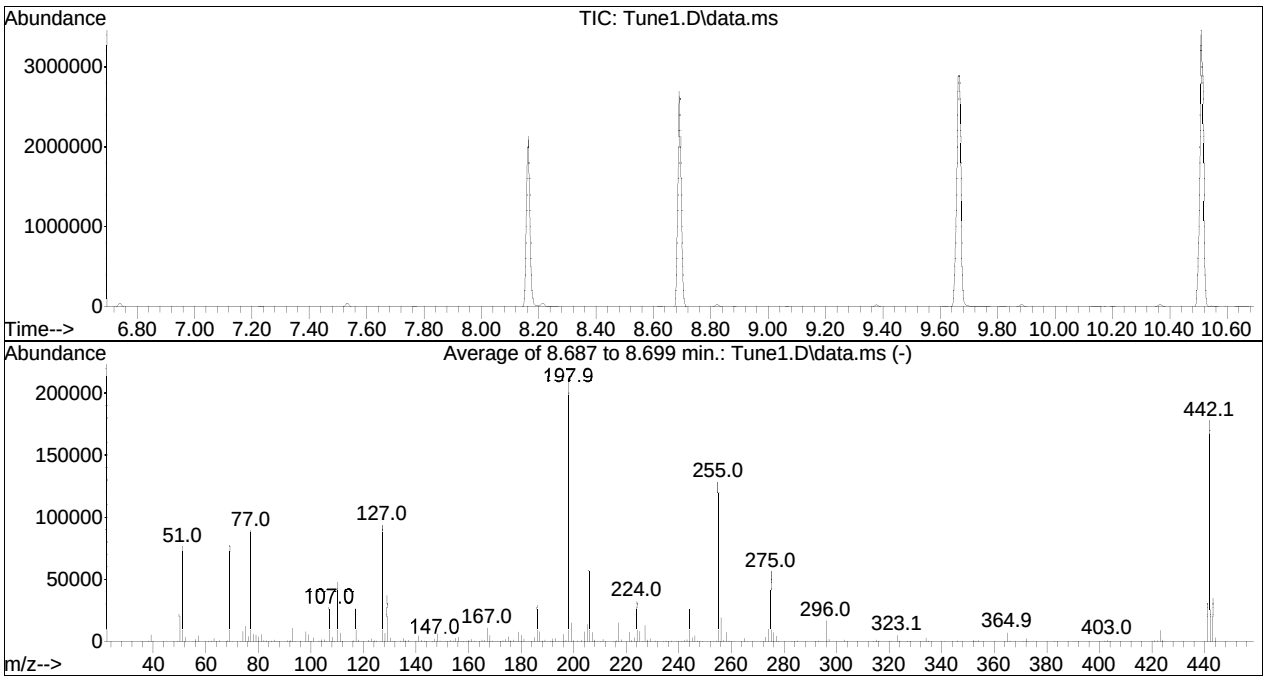
		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
91)	T	Carbazole	1.043	1.012	1.011	0.966	0.995	0.996	0.950	0.875	0.778	0.958	8.66
92)	T	Di-n-butylphthalate	1.016	1.058	1.091	1.006	1.120	1.185	1.154	1.055	0.876	1.062	8.66
93)	T	Fluoranthene	1.422	1.336	1.373	1.270	1.321	1.314	1.247	1.121	0.935	1.260	11.80
94)	T	Benzidine	0.746	0.712	0.808	0.749	0.832	0.870	0.841	0.791	0.714	0.785	7.33
95)	T	Pyrene	1.543	1.451	1.402	1.365	1.387	1.369	1.288	1.136	0.946	1.321	13.58
96)	S	4-Terphenyl-d14	1.226	1.116	1.131	1.061	1.069	1.052	1.003	0.913	0.776	1.039	12.62
97)	T	Butyl benzyl phthalate	0.355	0.348	0.375	0.351	0.418	0.483	0.483	0.497	0.492	0.422	15.73
98)	I	IS2_Phenanthrene-d10	----------ISTD----------										
99)	T	Diphenamid	0.421	0.420	0.462	0.442	0.497	0.521	0.504	0.508	0.484	0.473	8.08
100)	I	IS3_Phenanthrene-d10	----------ISTD----------										
101)	T	n-Octadecane	0.374	0.406	0.391	0.378	0.361	0.382	0.386	0.397	0.389	0.385	3.45
102)	T	Parathion				0.067	0.067	0.075	0.084	0.108	0.115	*Q	0.9973
103)	T	3,3'-Dimethylbenzidine	0.527	0.595	0.687	0.732	0.750	0.848	0.888	0.881	0.838	0.750	17.10
104)	I	IS1_Chrysene-d12	----------ISTD----------										
105)	T	Benzo[a]anthracene	1.506	1.316	1.306	1.222	1.246	1.247	1.221	1.090	0.937	1.232	12.67
106)	T	3,3'-Dichlorobenzidine	0.471	0.466	0.465	0.449	0.489	0.520	0.518	0.487	0.448	0.479	5.54
107)	T	Chrysene	1.424	1.263	1.207	1.158	1.145	1.144	1.113	0.982	0.856	1.144	14.07
108)	T	bis(2-Ethylhexyl)phthalate	0.516	0.495	0.494	0.522	0.610	0.680	0.700	0.683	0.645	0.594	14.63
109)	T	Di-n-octylphthalate	0.860	0.807	0.841	0.873	1.035	1.181	1.200	1.136	0.987	0.991	15.55
110)	T	Benzo(b)fluoranthene	1.474	1.302	1.267	1.229	1.238	1.339	1.259	1.151	1.126	1.265	8.15
111)	T	Benzo(k)fluoranthene	1.468	1.317	1.328	1.243	1.264	1.188	1.192	1.024	0.820	1.205	15.60
112)	T	Benzo(a)pyrene	1.338	1.229	1.246	1.185	1.189	1.221	1.179	1.076	0.981	1.183	8.67
113)	I	IS1_Perylene-d12	----------ISTD----------										
114)	T	Indeno(1,2,3-cd)pyrene	1.263	1.178	1.152	1.126	1.140	1.154	1.181	1.103	1.056	1.150	4.98
115)	T	Dibenzo[a,h]anthracene	1.204	1.114	1.086	1.067	1.074	1.103	1.072	0.997	0.858	1.064	8.88
116)	T	Benzo(g,h,i)perylene	1.242	1.086	1.098	1.041	1.041	1.075	1.047	0.986	0.907	1.058	8.54

(#) = Out of Range

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune1.D
Acq On : 07 Feb 2026 12:10 am
Operator : SV112:cmm
Sample : Tune1 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Feb 09 11:52:08 2026



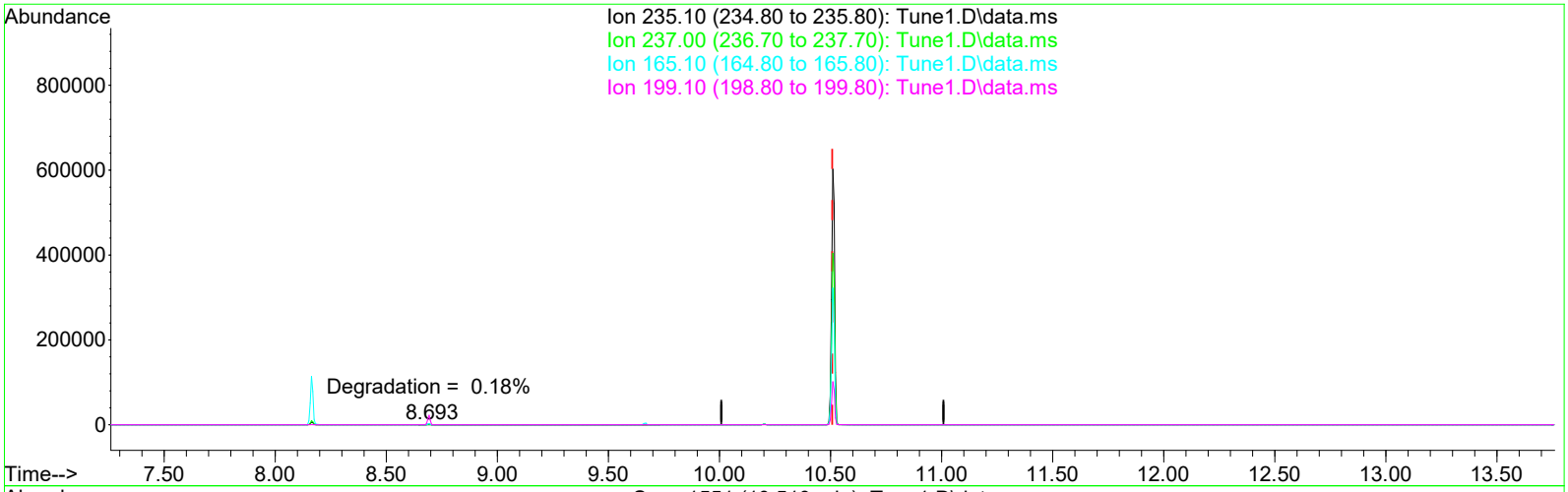
Spectrum Information: Average of 8.687 to 8.699 min.

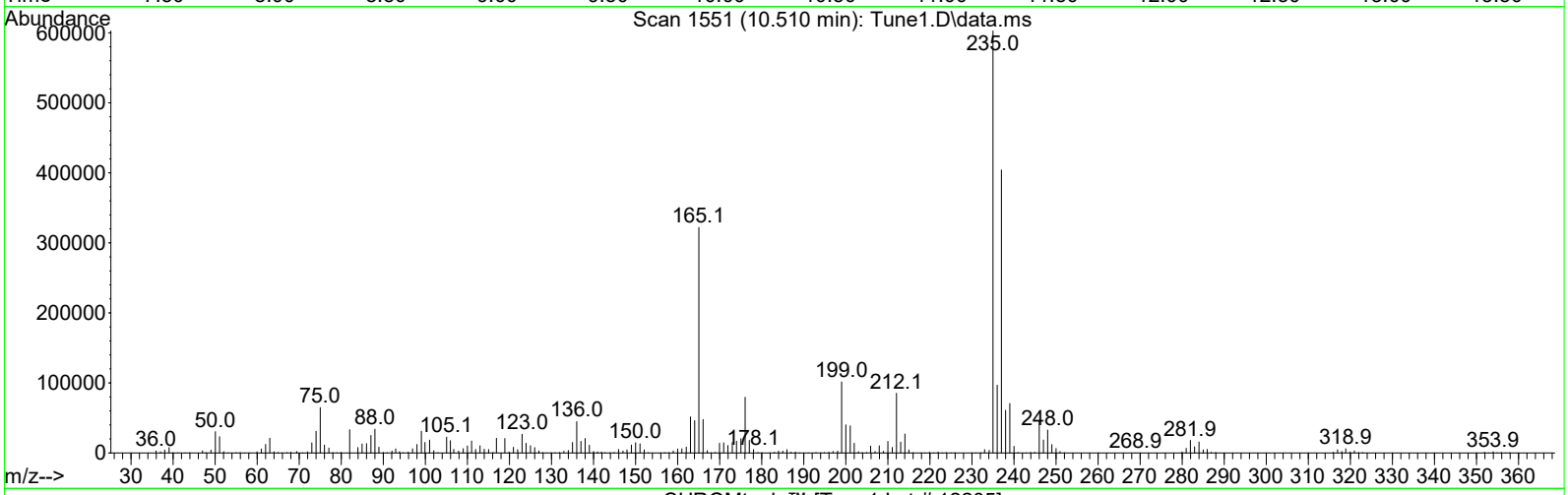
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.9	76176	PASS
68	69	0.00	2	1.6	1256	PASS
69	69	100	100	100.0	77291	PASS
70	69	0.00	2	0.6	499	PASS
127	198	10	80	44.0	93461	PASS
197	198	0.00	2	0.7	1582	PASS
198	198	100	100	100.0	212459	PASS
199	198	5	9	7.1	15006	PASS
275	198	10	60	26.5	56280	PASS
365	198	1	100	3.4	7160	PASS
441	442	0.01	24	17.5	31154	PASS
442	198	50	100	83.7	177813	PASS
443	442	15	24	19.7	35029	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune1.D
Acq On : 07 Feb 2026 12:10 am
Operator : SV112:cmm
Sample : Tune1 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Feb 09 11:54:24 2026
Quant Method : I:\8270\SV112\260206RVTICAL\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot # 12205]

(6) DDT (T)

10.510min (+ 0.000) 0.00

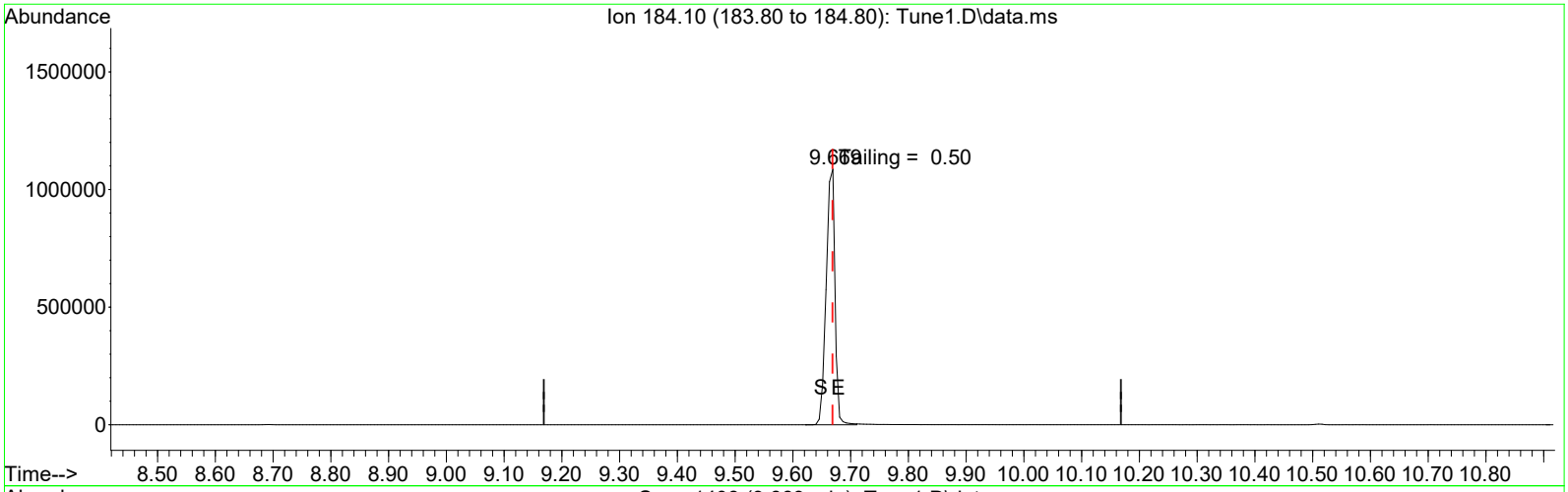
response 573919

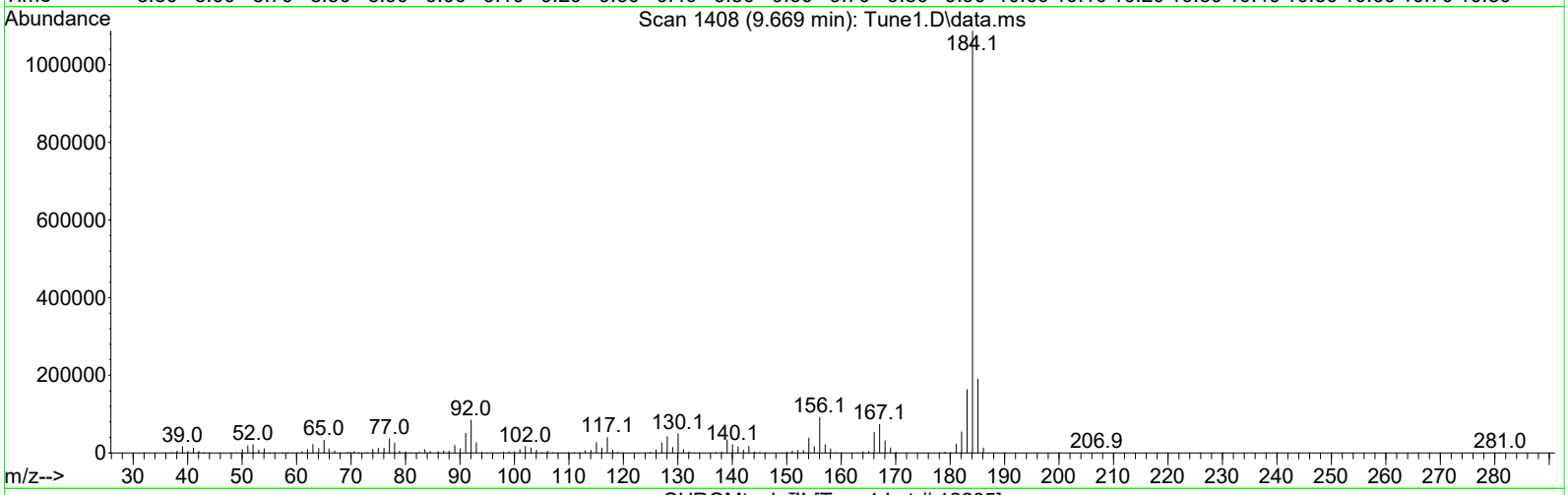
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	71.30	66.30
165.10	47.10	50.67
199.10	16.40	16.12

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune1.D
Acq On : 07 Feb 2026 12:10 am
Operator : SV112:cmm
Sample : Tune1 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Feb 09 11:54:24 2026
Quant Method : I:\8270\SV112\260206RVTICAL\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot # 12205]

(3) Benzidine (T)

9.669min (+ 0.000) 0.00

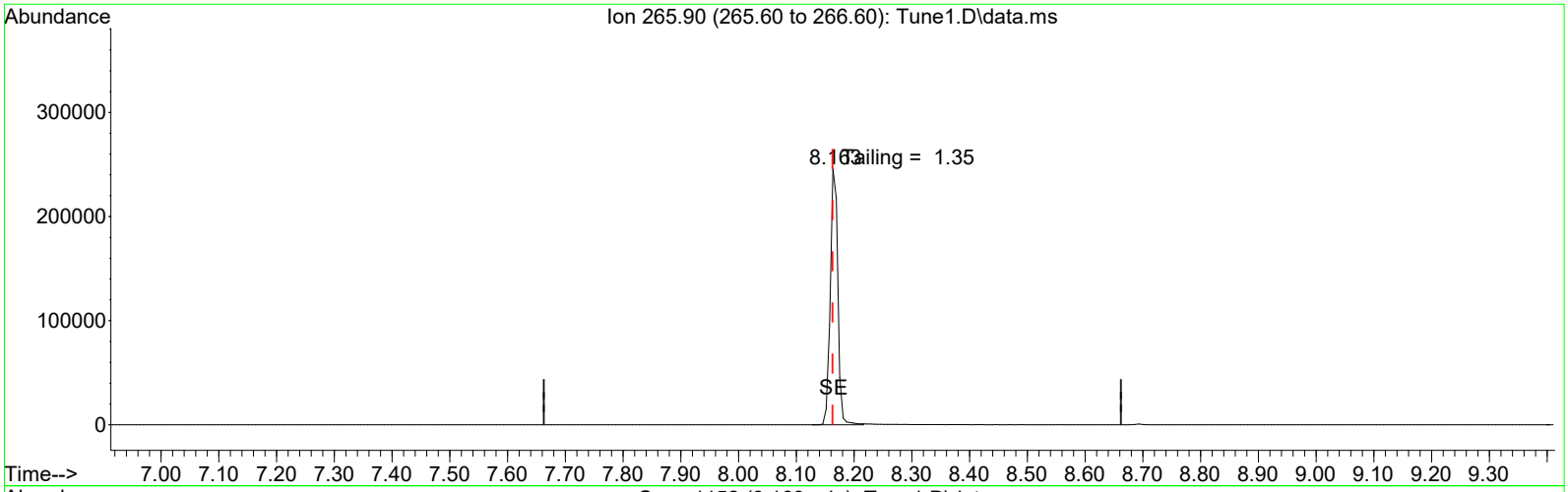
response 1158501

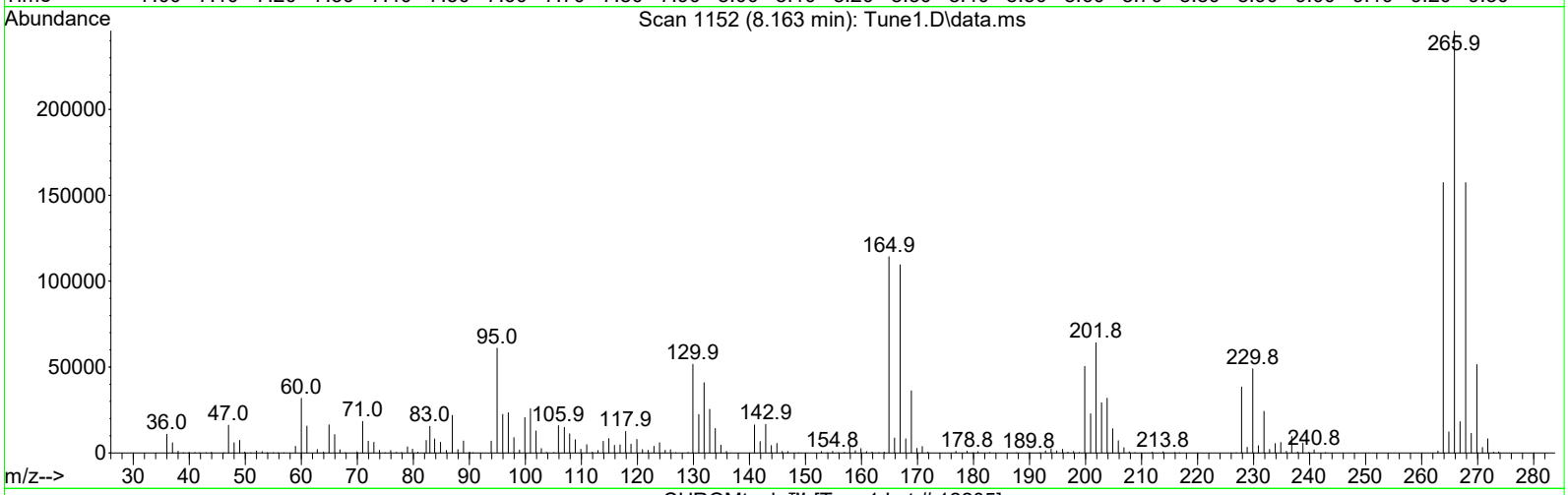
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune1.D
Acq On : 07 Feb 2026 12:10 am
Operator : SV112:cmm
Sample : Tune1 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Feb 09 11:54:24 2026
Quant Method : I:\8270\SV112\260206RVTICAL\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot # 12205]

(1) Pentachlorophenol (T)

8.163min (+ 0.000) 0.00

response 226808

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL9.D
Acq On : 07 Feb 2026 12:29 am
Operator : SV112:cmm
Sample : IL2,32,,ABNL50 Lot # 12059
Misc : WG2174122,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 09 11:28:35 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.999	152	22684	4.000	ug/ml	# 0.00
Standard Area 1 = 27225			Recovery = 83.32%			
35) IS1_Naphthalene-d8	5.205	136	93974	4.000	ug/ml	0.00
Standard Area 1 = 107415			Recovery = 87.49%			
63) IS1_Acenaphthene-d10	6.899	164	63843	4.000	ug/ml	0.00
Standard Area 1 = 71791			Recovery = 88.93%			
88) IS1_Phenanthrene-d10	8.328	188	146113	4.000	ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 87.40%			
104) IS1_Chrysene-d12	10.969	240	156810	4.000	ug/ml	0.01
Standard Area 1 = 194211			Recovery = 80.74%			
113) IS1_Perylene-d12	12.422	264	183221	4.000	ug/ml	0.00
Standard Area 1 = 220869			Recovery = 82.95%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.840	112	293417	52.247	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 2612.35%#			
7) Phenol-d6	3.699	99	408868	51.781	ug/ml	0.01
Spiked Amount 2.000	Range 15 - 110		Recovery = 2589.05%#			
19) Nitrobenzene-d5	4.528	82	357733	52.813	ug/ml	0.01
Spiked Amount 1.000	Range 30 - 130		Recovery = 5281.30%#			
46) 2-Fluorobiphenyl	6.269	172	897673	42.149	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 4214.90%#			
79) 2,4,6-Tribromophenol	7.669	330	219520	51.495	ug/ml	0.01
Spiked Amount 2.000	Range 15 - 110		Recovery = 2574.75%#			
96) 4-Terphenyl-d14	9.910	244	1417380	36.894	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 3689.40%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.775	74	211459	49.761	ug/ml	91
3) Pyridine	1.805	79	337824	53.032	ug/ml	89
5) Aniline	3.699	93	538904	48.710	ug/ml#	48
6) 2-Chlorophenol	3.811	128	333866	48.730	ug/ml	98
8) Phenol	3.711	94	458707	49.287	ug/ml#	40
9) Bis(2-chloroethyl)ether	3.775	93	312951	47.049	ug/ml	99
10) 1,3-Dichlorobenzene	3.946	146	383356	47.235	ug/ml	97
11) 1,4-Dichlorobenzene	4.016	146	387306	46.274	ug/ml	97
12) 1,2-Dichlorobenzene	4.158	146	377889	47.713	ug/ml	96

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL9.D
Acq On : 07 Feb 2026 12:29 am
Operator : SV112:cmm
Sample : IL2,32,,ABNL50 Lot # 12059
Misc : WG2174122,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 09 11:28:35 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	4.146	79	312382	52.423 ug/ml	98
14) Bis(2-chloroisopropyl)...	4.281	45	464180	47.196 ug/ml#	64
15) 2-Methylphenol	4.269	108	322932	51.240 ug/ml	98
16) Hexachloroethane	4.475	117	154599	51.313 ug/ml#	64
17) n-Nitrosodi-n-propylamine	4.410	70	279966	50.891 ug/ml	96
18) 3-Methylphenol/4-Methy...	4.428	108	343777	51.026 ug/ml	97
20) Nitrobenzene	4.546	77	377447	51.878 ug/ml	98
21) Isophorone	4.781	82	751109	48.805 ug/ml	98
22) 2-Nitrophenol	4.852	139	171922	57.009 ug/ml	97
23) 2,4-Dimethylphenol	4.928	107	382424	53.062 ug/ml	99
24) Bis(2-chloroethoxy)met...	5.005	93	463366	49.213 ug/ml	96
25) 2,4-Dichlorophenol	5.087	162	367906	52.372 ug/ml	95
26) 1,2,4-Trichlorobenzene	5.163	180	406485	49.471 ug/ml	97
36) Naphthalene	5.228	128	973753	42.160 ug/ml#	94
37) Benzoic Acid	5.099	105	274816M3	64.354 ug/ml	
38) 4-Chloroaniline	5.293	65	154956	50.090 ug/ml	94
39) Hexachlorobutadiene	5.369	225	260809	47.143 ug/ml	98
40) p-Chloro-m-cresol	5.793	107	363559	49.901 ug/ml	95
41) 2-Methylnaphthalene	5.899	142	708908	45.666 ug/ml	96
42) 1-Methylnaphthalene	5.993	115	277285	48.753 ug/ml	95
43) Hexachlorocyclopentadiene	6.069	237	337110	50.624 ug/ml	99
44) 2,4,6-Trichlorophenol	6.187	196	319966	49.295 ug/ml	99
45) 2,4,5-Trichlorophenol	6.216	196	338081	48.812 ug/ml	97
47) 2-Chloronaphthalene	6.363	162	803848	44.271 ug/ml	94
48) 2-Nitroaniline	6.475	138	263060	56.077 ug/ml	96
49) 1,4-Dinitrobenzene	6.610	168	128574	58.523 ug/ml	87
50) 1,3-Dinitrobenzene	6.687	168	153571	57.792 ug/ml	89
51) Dimethyl phthalate	6.687	163	980994	40.574 ug/ml	96
52) Acenaphthylene	6.763	152	1208807	40.815 ug/ml#	89
53) 2,6-Dinitrotoluene	6.728	165	226086	51.230 ug/ml	91
54) 1,2-Dinitrobenzene	6.775	168	97431	53.660 ug/ml#	1
64) 3-Nitroaniline	6.881	138	253029	52.687 ug/ml	96
65) Acenaphthene	6.934	154	759198	45.763 ug/ml	97
66) 2,4-Dinitrophenol	6.981	184	125922	57.758 ug/ml#	83
67) Dibenzofuran	7.104	168	1134206	39.664 ug/ml#	65
68) 2,4-Dinitrotoluene	7.116	165	322861	53.273 ug/ml#	68
69) 4-Nitrophenol	7.081	65	198594	55.151 ug/ml	95
70) 2,3,5,6-Tetrachlorophenol	7.193	232	317234	49.584 ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL9.D
Acq On : 07 Feb 2026 12:29 am
Operator : SV112:cmm
Sample : IL2,32,,ABNL50 Lot # 12059
Misc : WG2174122,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 09 11:28:35 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	7.234	232	306600	48.183	ug/ml	99
72)	Diethyl phthalate	7.369	149	1068162	42.785	ug/ml#	92
73)	Fluorene	7.434	166	995552	42.546	ug/ml	97
74)	4-Chlorophenyl phenyl ...	7.452	204	519909	44.659	ug/ml#	85
75)	4-Nitroaniline	7.487	138	251235	51.182	ug/ml	94
76)	4,6-Dinitro-o-cresol	7.510	198	178959	57.684	ug/ml#	76
77)	NDPA/DPA	7.575	169	875477	43.355	ug/ml	89
78)	Azobenzene	7.604	77	933837	43.537	ug/ml#	92
80)	4-Bromophenyl phenyl e...	7.922	248	375135M3	46.870	ug/ml	
81)	Hexachlorobenzene	7.975	284	440798	45.818	ug/ml#	87
82)	Pentachlorophenol	8.169	266	294253	52.622	ug/ml	100
89)	Phenanthrene	8.357	178	1426857	38.140	ug/ml#	88
90)	Anthracene	8.404	178	1450855	37.602	ug/ml#	87
91)	Carbazole	8.575	167	1421111	39.067	ug/ml#	88
92)	Di-n-butylphthalate	8.963	149	1599772	36.959	ug/ml#	91
93)	Fluoranthene	9.510	202	1707418	35.559	ug/ml#	92
94)	Benzidine	9.663	184	1303779	41.005	ug/ml	95
95)	Pyrene	9.728	202	1727196	34.548	ug/ml#	84
97)	Butyl benzyl phthalate	10.434	149	897925	50.928	ug/ml#	97
105)	Benzo(a)anthracene	10.957	228	1837087	37.590	ug/ml#	86
106)	3,3'-Dichlorobenzidine	10.957	252	878025	43.082	ug/ml	94
107)	Chrysene	10.998	228	1677244	37.406	ug/ml#	83
108)	Bis(2-ethylhexyl)phtha...	11.069	149	1263993	47.383	ug/ml#	89
109)	Di-n-octylphthalate	11.751	149	1935533	41.811	ug/ml#	94
110)	Benzo(b)fluoranthene	12.063	252	2208065	42.059	ug/ml#	93
111)	Benzo(k)fluoranthene	12.098	252	1608194M3	34.521	ug/ml	
112)	Benzo(a)pyrene	12.381	252	1922078	40.163	ug/ml#	91
114)	Indeno(1,2,3-cd)pyrene	13.416	276	2419017M6	45.754	ug/mL	
115)	Dibenzo(a,h)anthracene	13.439	278	1964093	38.878	ug/ml#	89
116)	Benzo(ghi)perylene	13.669	276	2077533	42.184	ug/ml#	91

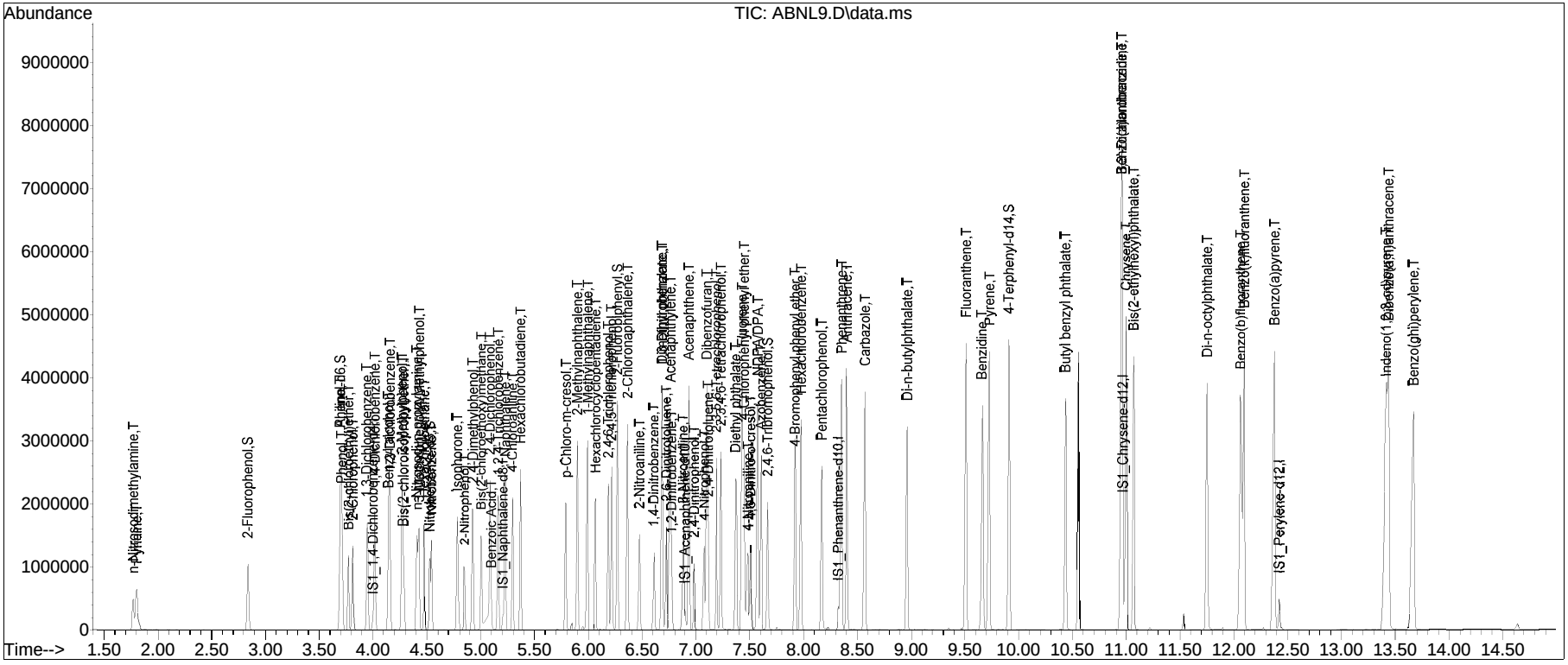
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL9.D
Acq On : 07 Feb 2026 12:29 am
Operator : SV112:cmm
Sample : IL2,32,,ABNL50 Lot # 12059
Misc : WG2174122,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 09 11:28:35 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

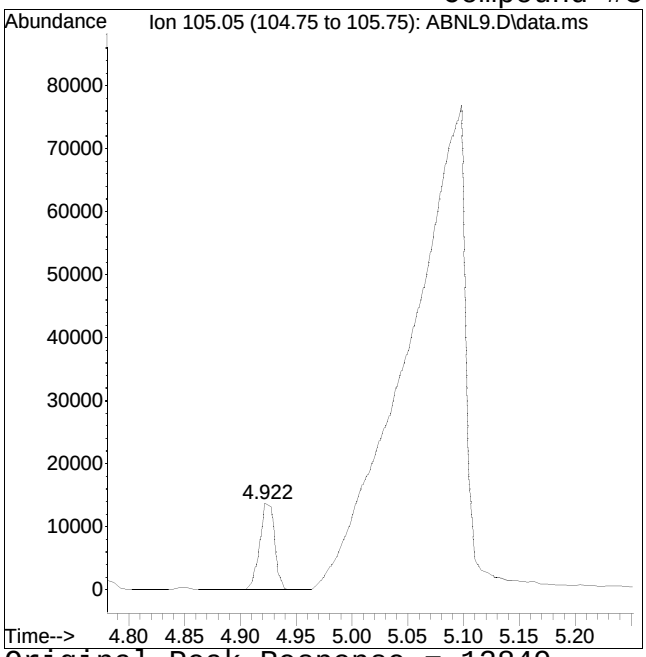
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

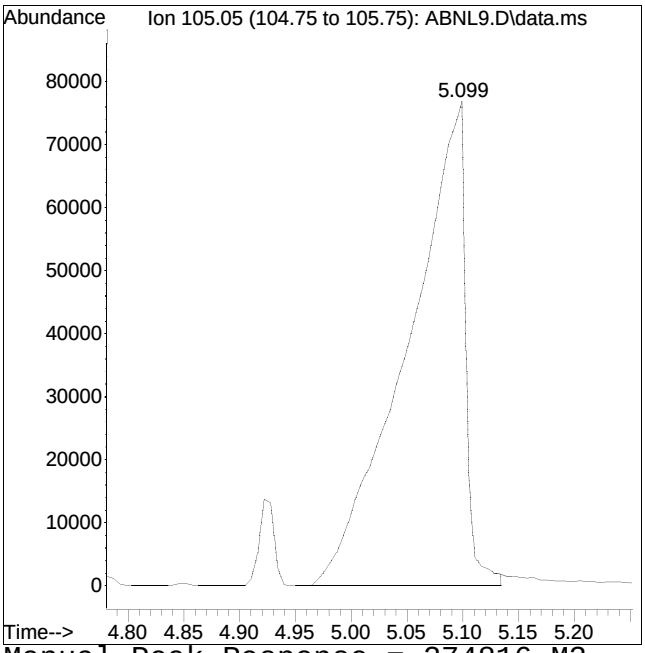


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL9.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 12:29 am Instrument : SV112
Sample : IL2,32,,ABNL50 Lot # 12059Quant Date : 2/9/2026 11:16 am

Compound #37: Benzoic Acid





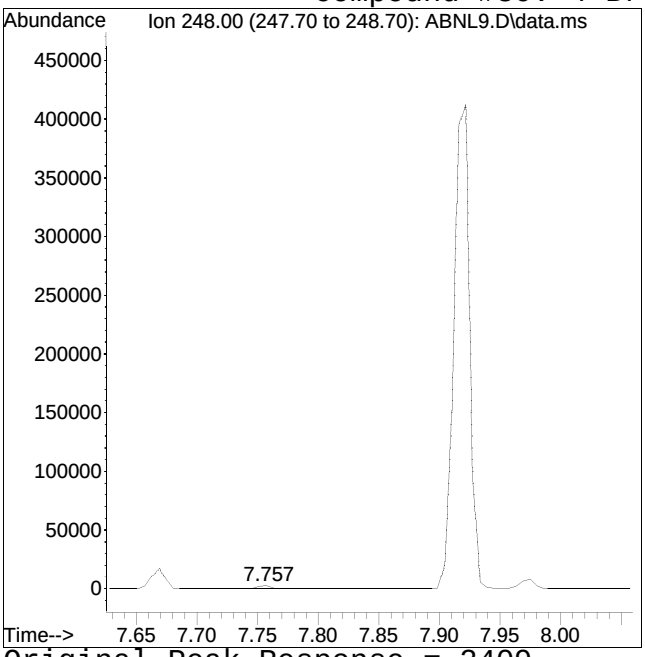
Original Peak Response = 12849 Manual Peak Response = 274816 M3

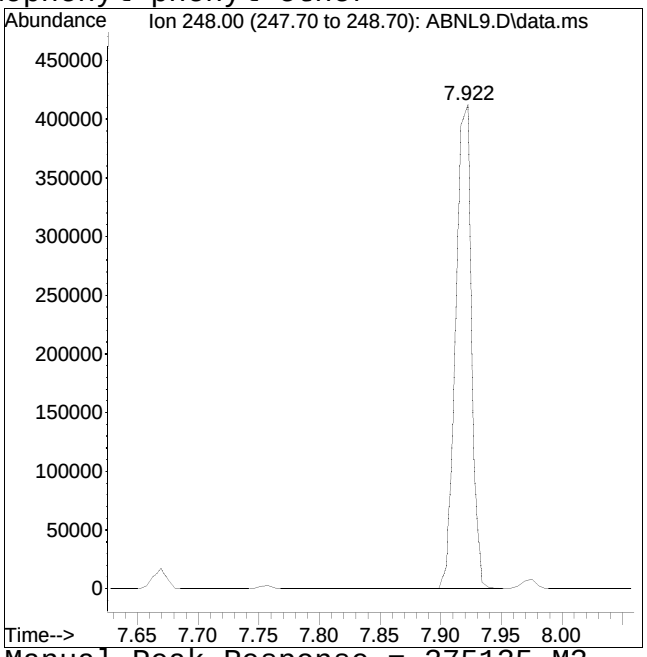
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNL9.D
Date Inj'd : 2/7/2026 12:29 am
Sample : IL2,32,,ABNL50 Lot # 12059
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:16 am

Compound #80: 4-Bromophenyl phenyl ether





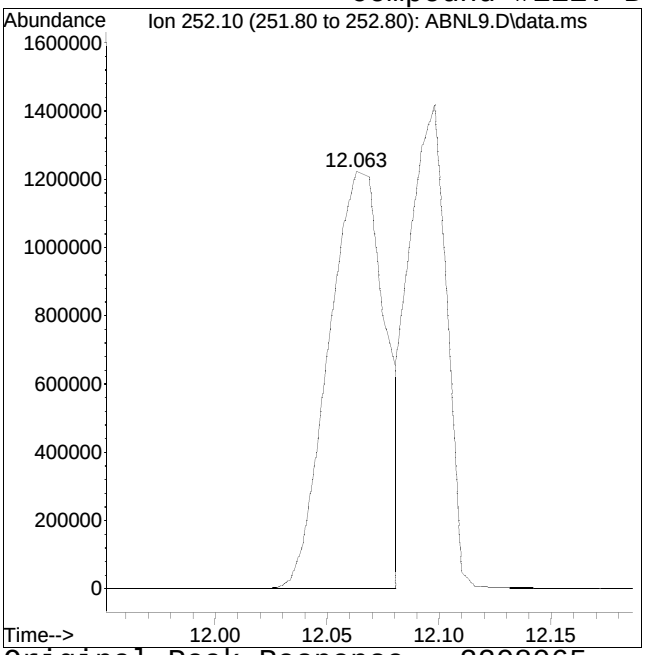
Original Peak Response = 2409 Manual Peak Response = 375135 M3

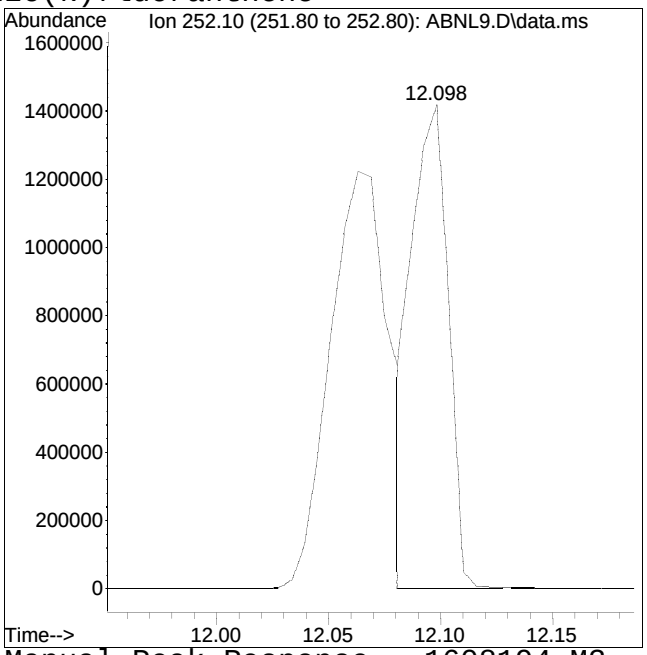
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNL9.D
Date Inj'd : 2/7/2026 12:29 am
Sample : IL2,32,,ABNL50 Lot # 12059
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:16 am

Compound #111: Benzo(k)fluoranthene



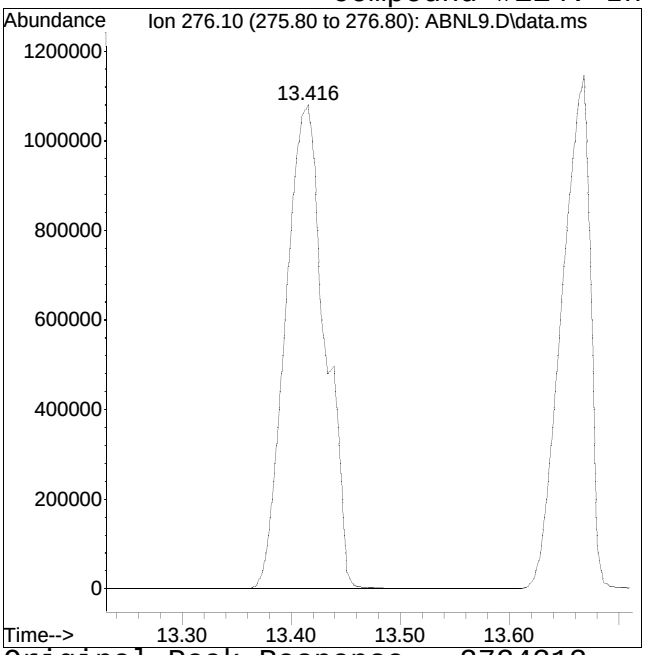


Original Peak Response = 2208065 Manual Peak Response = 1608194 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

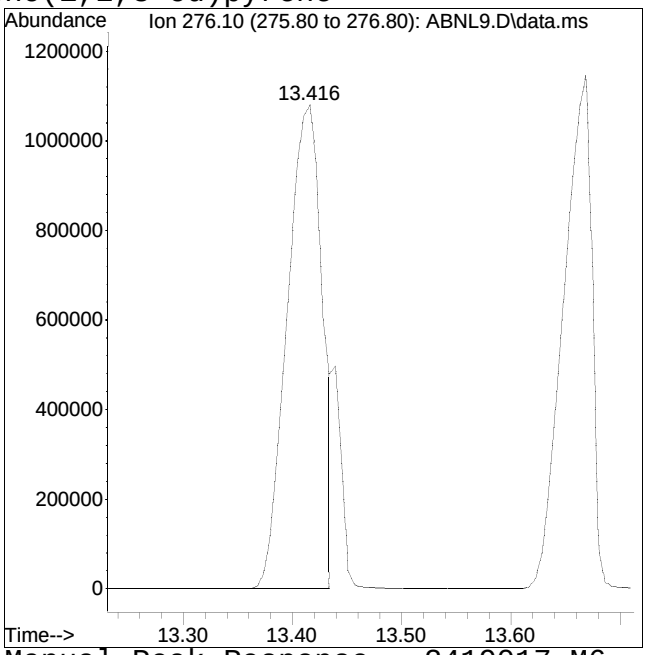
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL9.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 12:29 am Instrument : SV112
Sample : IL2,32,,ABNL50 Lot # 12059Quant Date : 2/9/2026 11:16 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 2724313



Manual Peak Response = 2419017 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL8.D
Acq On : 07 Feb 2026 12:48 am
Operator : SV112:cmm
Sample : IL3,32,,ABNL25 Lot # 12060
Misc : WG2174122,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 09 11:47:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.999	152	21377	4.000	ug/ml	# 0.00
Standard Area 1 = 27225			Recovery = 78.52%			
35) IS1_Naphthalene-d8	5.205	136	81987	4.000	ug/ml	0.00
Standard Area 1 = 107415			Recovery = 76.33%			
63) IS1_Acenaphthene-d10	6.899	164	54753	4.000	ug/ml	0.00
Standard Area 1 = 71791			Recovery = 76.27%			
88) IS1_Phenanthrene-d10	8.328	188	127636	4.000	ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 76.35%			
104) IS1_Chrysene-d12	10.963	240	141604	4.000	ug/ml	# 0.00
Standard Area 1 = 194211			Recovery = 72.91%			
113) IS1_Perylene-d12	12.422	264	157281	4.000	ug/ml	0.00
Standard Area 1 = 220869			Recovery = 71.21%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.840	112	137538	25.988	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 1299.40%#			
7) Phenol-d6	3.693	99	182434	24.517	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 1225.85%#			
19) Nitrobenzene-d5	4.522	82	157940	24.743	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 2474.30%#			
46) 2-Fluorobiphenyl	6.263	172	425767	22.914	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 2291.40%#			
79) 2,4,6-Tribromophenol	7.663	330	92328	25.254	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 1262.70%#			
96) 4-Terphenyl-d14	9.910	244	728396	21.705	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 2170.50%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.775	74	98259	24.536	ug/ml	94
3) Pyridine	1.805	79	162051	26.994	ug/ml	89
5) Aniline	3.699	93	244031	23.406	ug/ml#	49
6) 2-Chlorophenol	3.811	128	152857	23.675	ug/ml	98
8) Phenol	3.705	94	206336	23.526	ug/ml#	41
9) Bis(2-chloroethyl)ether	3.769	93	144110	22.990	ug/ml	99
10) 1,3-Dichlorobenzene	3.946	146	178451	23.332	ug/ml	97
11) 1,4-Dichlorobenzene	4.016	146	179162	22.714	ug/ml	96
12) 1,2-Dichlorobenzene	4.158	146	171658	22.999	ug/ml	96

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL8.D
Acq On : 07 Feb 2026 12:48 am
Operator : SV112:cmm
Sample : IL3,32,,ABNL25 Lot # 12060
Misc : WG2174122,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 09 11:47:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.146	79	134735	23.993	ug/ml	98
14) Bis(2-chloroisopropyl)...	4.281	45	210662	22.729	ug/ml#	67
15) 2-Methylphenol	4.269	108	140379	23.636	ug/ml	98
16) Hexachloroethane	4.475	117	67622	23.817	ug/ml#	63
17) n-Nitrosodi-n-propylamine	4.399	70	121987	23.530	ug/ml	96
18) 3-Methylphenol/4-Methy...	4.416	108	149494	23.546	ug/ml	96
20) Nitrobenzene	4.540	77	164977	24.061	ug/ml	98
21) Isophorone	4.775	82	335817	23.155	ug/ml	99
22) 2-Nitrophenol	4.846	139	73792	25.965	ug/ml	96
23) 2,4-Dimethylphenol	4.922	107	167047	24.595	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.005	93	206030	23.220	ug/ml	98
25) 2,4-Dichlorophenol	5.081	162	160045	24.175	ug/ml	94
26) 1,2,4-Trichlorobenzene	5.158	180	180122	23.262	ug/ml	97
36) Naphthalene	5.222	128	463563	23.005	ug/ml	98
37) Benzoic Acid	5.052	105	113099	30.357	ug/ml	97
38) 4-Chloroaniline	5.287	65	65595	24.304	ug/ml	98
39) Hexachlorobutadiene	5.369	225	114936	23.813	ug/ml	99
40) p-Chloro-m-cresol	5.787	107	159159	25.040	ug/ml	96
41) 2-Methylnaphthalene	5.893	142	320250	23.646	ug/ml	97
42) 1-Methylnaphthalene	5.987	115	118735	23.929	ug/ml	97
43) Hexachlorocyclopentadiene	6.063	237	145859	25.106	ug/ml	100
44) 2,4,6-Trichlorophenol	6.181	196	140239	24.765	ug/ml	100
45) 2,4,5-Trichlorophenol	6.210	196	149309	24.709	ug/ml	99
47) 2-Chloronaphthalene	6.358	162	371087	23.425	ug/ml	93
48) 2-Nitroaniline	6.469	138	110794	27.071	ug/ml	95
49) 1,4-Dinitrobenzene	6.605	168	54723	28.550	ug/ml	86
50) 1,3-Dinitrobenzene	6.681	168	64974	28.026	ug/ml	88
51) Dimethyl phthalate	6.675	163	479225	22.719	ug/ml	99
52) Acenaphthylene	6.758	152	584361	22.615	ug/ml	95
53) 2,6-Dinitrotoluene	6.716	165	97659	25.364	ug/ml	90
54) 1,2-Dinitrobenzene	6.763	168	42007	26.518	ug/ml#	1
64) 3-Nitroaniline	6.875	138	106593	25.880	ug/ml#	96
65) Acenaphthene	6.928	154	339542	23.865	ug/ml	97
66) 2,4-Dinitrophenol	6.975	184	50679	27.104	ug/ml#	83
67) Dibenzofuran	7.099	168	552609	22.534	ug/ml	94
68) 2,4-Dinitrotoluene	7.105	165	138488	26.645	ug/ml	90
69) 4-Nitrophenol	7.069	65	82584	26.742	ug/ml	96
70) 2,3,5,6-Tetrachlorophenol	7.187	232	136421	24.863	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL8.D
Acq On : 07 Feb 2026 12:48 am
Operator : SV112:cmm
Sample : IL3,32,,ABNL25 Lot # 12060
Misc : WG2174122,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 09 11:47:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	7.228	232	133553	24.473	ug/ml	100
72) Diethyl phthalate	7.363	149	493754	23.061	ug/ml	95
73) Fluorene	7.428	166	464001	23.122	ug/ml	96
74) 4-Chlorophenyl phenyl ...	7.446	204	232613	23.298	ug/ml#	83
75) 4-Nitroaniline	7.463	138	106302	25.251	ug/ml	95
76) 4,6-Dinitro-o-cresol	7.499	198	72535	27.262	ug/ml#	76
77) NDPA/DPA	7.563	169	400579	23.131	ug/ml	92
78) Azobenzene	7.599	77	429713	23.360	ug/ml#	94
80) 4-Bromophenyl phenyl e...	7.916	248	162875M3	23.728	ug/ml	
81) Hexachlorobenzene	7.969	284	194083	23.523	ug/ml#	85
82) Pentachlorophenol	8.163	266	124234	25.905	ug/ml	99
89) Phenanthrene	8.352	178	725977	22.214	ug/ml	96
90) Anthracene	8.399	178	735945	21.834	ug/ml	95
91) Carbazole	8.569	167	697820	21.961	ug/ml	95
92) Di-n-butylphthalate	8.957	149	841831	22.264	ug/ml	97
93) Fluoranthene	9.504	202	893920	21.312	ug/ml#	94
94) Benzidine	9.657	184	631083	22.721	ug/ml#	97
95) Pyrene	9.722	202	906529	20.758	ug/ml	94
97) Butyl benzyl phthalate	10.434	149	396563	25.748	ug/ml#	95
105) Benzo(a)anthracene	10.951	228	964946	21.865	ug/ml	94
106) 3,3'-Dichlorobenzidine	10.951	252	430752	23.405	ug/ml#	96
107) Chrysene	10.987	228	869330	21.470	ug/ml	93
108) Bis(2-ethylhexyl)phtha...	11.069	149	604569	25.097	ug/ml#	96
109) Di-n-octylphthalate	11.745	149	1005481	24.053	ug/ml	99
110) Benzo(b)fluoranthene	12.057	252	1018239	21.478	ug/ml#	95
111) Benzo(k)fluoranthene	12.087	252	906395M3	21.546	ug/ml	
112) Benzo(a)pyrene	12.369	252	951899	22.026	ug/ml#	93
114) Indeno(1,2,3-cd)pyrene	13.398	276	1084534M6	23.896	ug/mL	
115) Dibenzo(a,h)anthracene	13.422	278	979925	22.596	ug/ml#	92
116) Benzo(ghi)perylene	13.651	276	969107	22.923	ug/ml#	91

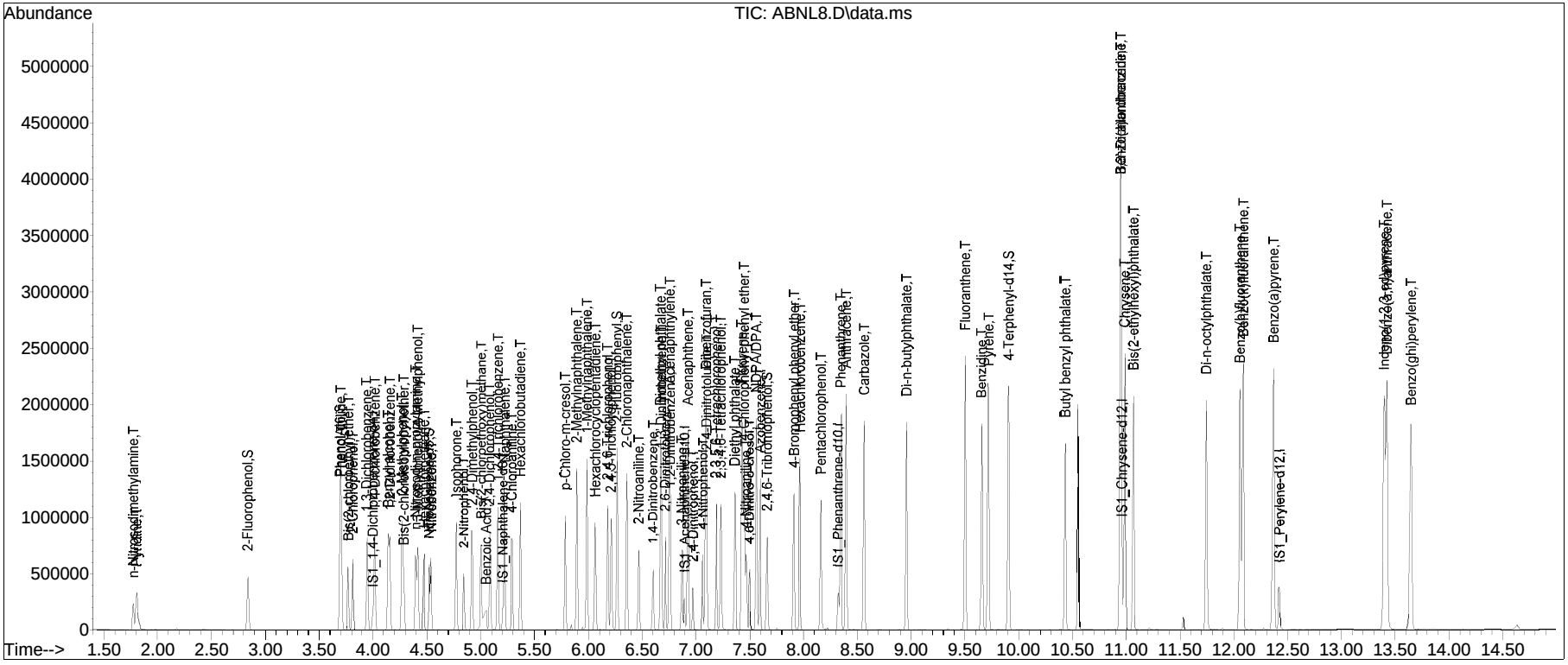
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL8.D
Acq On : 07 Feb 2026 12:48 am
Operator : SV112:cmm
Sample : IL3,32,,ABNL25 Lot # 12060
Misc : WG2174122,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 09 11:47:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

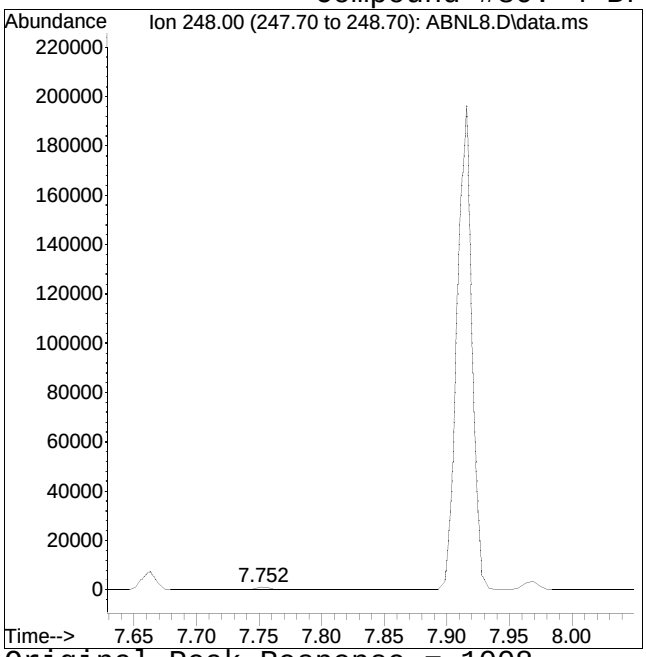
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

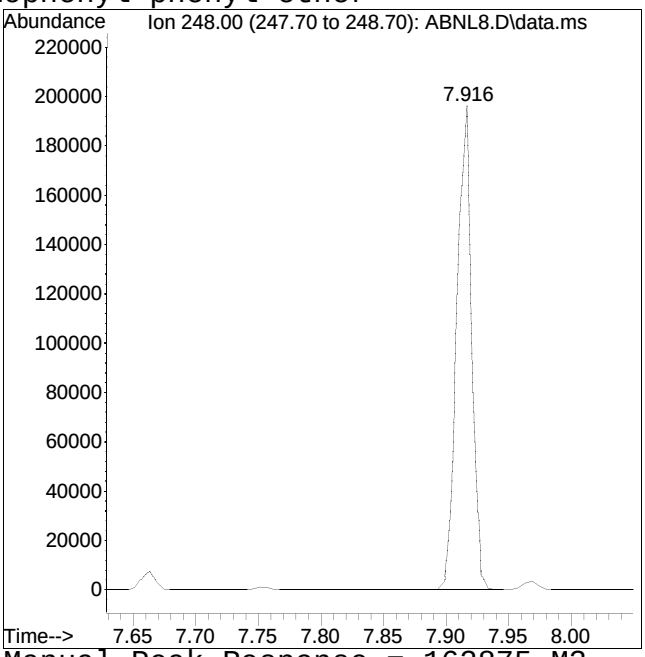


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL8.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 12:48 am Instrument : SV112
Sample : IL3,32,,ABNL25 Lot # 12060Quant Date : 2/9/2026 11:16 am

Compound #80: 4-Bromophenyl phenyl ether





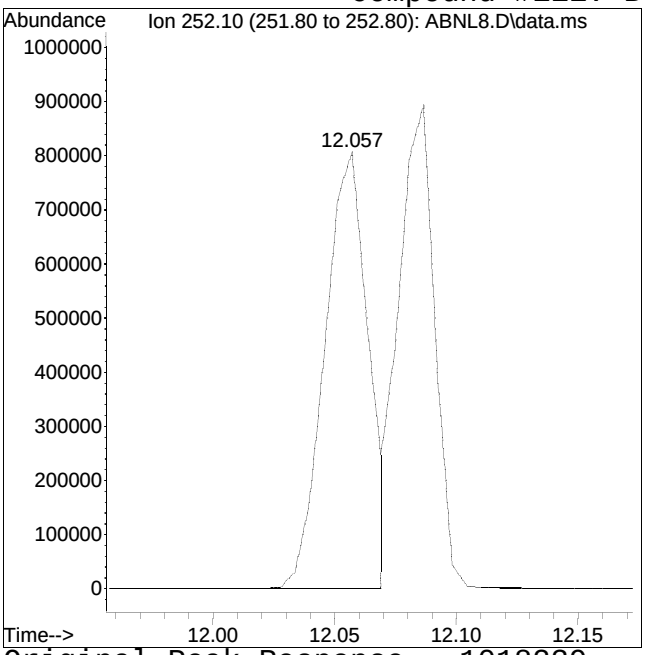
Original Peak Response = 1008 Manual Peak Response = 162875 M3

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.

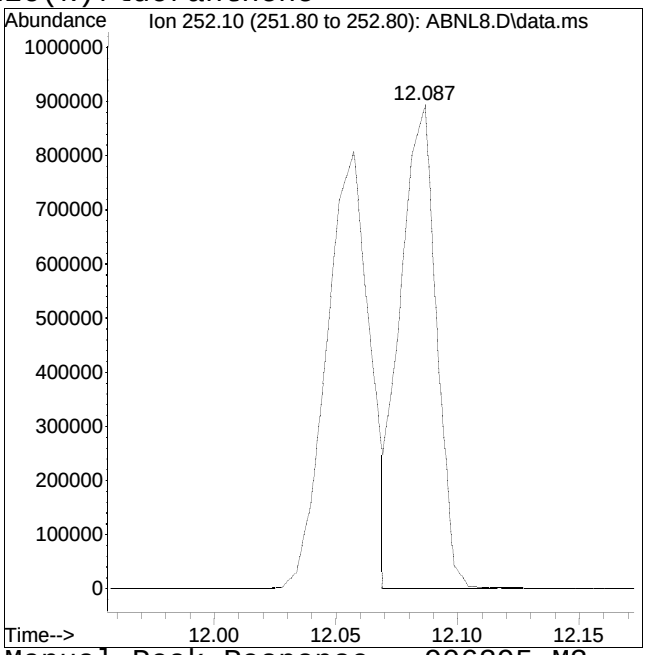
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL8.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 12:48 am Instrument : SV112
Sample : IL3,32,,ABNL25 Lot # 12060Quant Date : 2/9/2026 11:16 am

Compound #111: Benzo(k)fluoranthene



Original Peak Response = 1018239



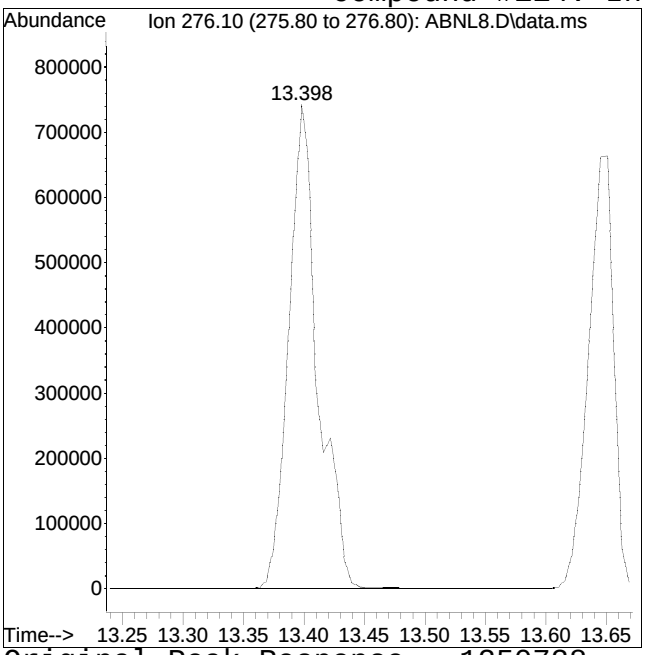
Manual Peak Response = 906395 M3

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.

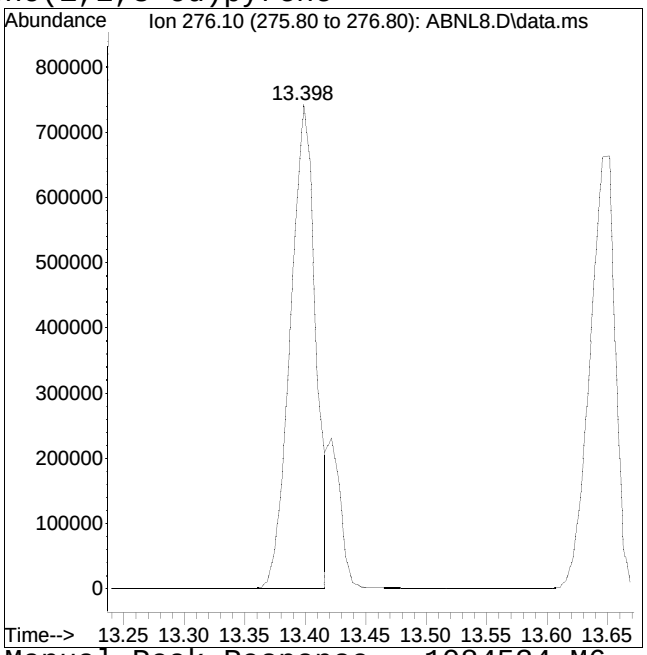
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL8.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 12:48 am Instrument : SV112
Sample : IL3,32,,ABNL25 Lot # 12060Quant Date : 2/9/2026 11:16 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 1250728



Manual Peak Response = 1084534 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL7.D
Acq On : 07 Feb 2026 01:08 am
Operator : SV112:cmm
Sample : IL4,32,,ABNL10 Lot # 12061
Misc : WG2174122,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 09 11:27:03 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.999	152	21857	4.000	ug/ml	# 0.00
Standard Area 1 = 27225			Recovery = 80.28%			
35) IS1_Naphthalene-d8	5.199	136	87175	4.000	ug/ml	0.00
Standard Area 1 = 107415			Recovery = 81.16%			
63) IS1_Acenaphthene-d10	6.893	164	58285	4.000	ug/ml	0.00
Standard Area 1 = 71791			Recovery = 81.19%			
88) IS1_Phenanthrene-d10	8.322	188	135949	4.000	ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 81.32%			
104) IS1_Chrysene-d12	10.957	240	150301	4.000	ug/ml	# 0.00
Standard Area 1 = 194211			Recovery = 77.39%			
113) IS1_Perylene-d12	12.416	264	170071	4.000	ug/ml	0.00
Standard Area 1 = 220869			Recovery = 77.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.840	112	56681	10.475	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 523.75%#			
7) Phenol-d6	3.693	99	78208	10.279	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 513.95%#			
19) Nitrobenzene-d5	4.516	82	66655	10.213	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 1021.30%#			
46) 2-Fluorobiphenyl	6.263	172	195521	9.896	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 989.60%#			
79) 2,4,6-Tribromophenol	7.657	330	39425	10.130	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 506.50%#			
96) 4-Terphenyl-d14	9.904	244	340724	9.532	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 953.20%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.775	74	41573	10.153	ug/ml	93
3) Pyridine	1.805	79	64571	10.520	ug/ml	89
5) Aniline	3.699	93	106308	9.972	ug/ml#	51
6) 2-Chlorophenol	3.805	128	67044	10.156	ug/ml	97
8) Phenol	3.705	94	90136	10.051	ug/ml#	43
9) Bis(2-chloroethyl)ether	3.769	93	63775	9.951	ug/ml	100
10) 1,3-Dichlorobenzene	3.946	146	78327	10.016	ug/ml	96
11) 1,4-Dichlorobenzene	4.016	146	79462	9.853	ug/ml	97
12) 1,2-Dichlorobenzene	4.158	146	76373	10.008	ug/ml	96

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL7.D
Acq On : 07 Feb 2026 01:08 am
Operator : SV112:cmm
Sample : IL4,32,,ABNL10 Lot # 12061
Misc : WG2174122,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 09 11:27:03 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.140	79	58316	10.157	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.275	45	93525	9.869	ug/ml#	68
15) 2-Methylphenol	4.263	108	61123	10.065	ug/ml	97
16) Hexachloroethane	4.475	117	29169	10.048	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.399	70	53053	10.009	ug/ml	96
18) 3-Methylphenol/4-Methy...	4.416	108	66442	10.235	ug/ml	98
20) Nitrobenzene	4.534	77	71216	10.159	ug/ml	97
21) Isophorone	4.769	82	148919	10.042	ug/ml	100
22) 2-Nitrophenol	4.846	139	30445	10.477	ug/ml	95
23) 2,4-Dimethylphenol	4.916	107	72540	10.446	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.999	93	91351	10.069	ug/ml	99
25) 2,4-Dichlorophenol	5.081	162	69433	10.258	ug/ml	94
26) 1,2,4-Trichlorobenzene	5.158	180	79622	10.057	ug/ml	97
36) Naphthalene	5.222	128	209484	9.777	ug/ml	99
37) Benzoic Acid	5.016	105	44933	11.343	ug/ml	96
38) 4-Chloroaniline	5.287	65	28534	9.943	ug/ml	99
39) Hexachlorobutadiene	5.369	225	50532	9.846	ug/ml	98
40) p-Chloro-m-cresol	5.787	107	67426	9.977	ug/ml	94
41) 2-Methylnaphthalene	5.893	142	143542	9.968	ug/ml	97
42) 1-Methylnaphthalene	5.987	115	52396	9.931	ug/ml	93
43) Hexachlorocyclopentadiene	6.063	237	63605	10.296	ug/ml	99
44) 2,4,6-Trichlorophenol	6.181	196	61443	10.204	ug/ml	99
45) 2,4,5-Trichlorophenol	6.210	196	66570	10.361	ug/ml	99
47) 2-Chloronaphthalene	6.357	162	165936	9.851	ug/ml	93
48) 2-Nitroaniline	6.469	138	44674	10.266	ug/ml	96
49) 1,4-Dinitrobenzene	6.599	168	21788	10.691	ug/ml	86
50) 1,3-Dinitrobenzene	6.675	168	25742	10.443	ug/ml	93
51) Dimethyl phthalate	6.669	163	217816	9.712	ug/ml	100
52) Acenaphthylene	6.752	152	271693	9.889	ug/ml	98
53) 2,6-Dinitrotoluene	6.710	165	41269	10.081	ug/ml	91
54) 1,2-Dinitrobenzene	6.757	168	17636	10.471	ug/ml#	1
64) 3-Nitroaniline	6.869	138	44300	10.104	ug/ml#	97
65) Acenaphthene	6.928	154	150963	9.967	ug/ml	97
66) 2,4-Dinitrophenol	6.969	184	20150	10.124	ug/ml#	82
67) Dibenzofuran	7.093	168	255663	9.793	ug/ml	92
68) 2,4-Dinitrotoluene	7.099	165	58111	10.503	ug/ml	90
69) 4-Nitrophenol	7.063	65	34122	10.380	ug/ml	97
70) 2,3,5,6-Tetrachlorophenol	7.187	232	58443	10.006	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL7.D
Acq On : 07 Feb 2026 01:08 am
Operator : SV112:cmm
Sample : IL4,32,,ABNL10 Lot # 12061
Misc : WG2174122,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 09 11:27:03 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	7.228	232	58855	10.131	ug/ml	99
72) Diethyl phthalate	7.363	149	222196	9.749	ug/ml	96
73) Fluorene	7.428	166	210132	9.837	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.446	204	103909	9.777	ug/ml#	83
75) 4-Nitroaniline	7.457	138	46752	10.433	ug/ml	98
76) 4,6-Dinitro-o-cresol	7.493	198	29370	10.370	ug/ml#	75
77) NDPA/DPA	7.563	169	180118	9.770	ug/ml	94
78) Azobenzene	7.593	77	193987	9.906	ug/ml#	94
80) 4-Bromophenyl phenyl e...	7.910	248	72787	9.961	ug/ml#	83
81) Hexachlorobenzene	7.969	284	86167	9.810	ug/ml#	84
82) Pentachlorophenol	8.163	266	52899	10.362	ug/ml	98
89) Phenanthrene	8.346	178	336408	9.664	ug/ml	98
90) Anthracene	8.399	178	345419	9.621	ug/ml	98
91) Carbazole	8.563	167	322855	9.539	ug/ml	98
92) Di-n-butylphthalate	8.957	149	392171	9.737	ug/ml	99
93) Fluoranthene	9.499	202	423845	9.487	ug/ml#	94
94) Benzidine	9.651	184	285950	9.666	ug/ml#	97
95) Pyrene	9.716	202	437590	9.407	ug/ml	98
97) Butyl benzyl phthalate	10.428	149	164283	10.014	ug/ml#	95
105) Benzo(a)anthracene	10.945	228	458942	9.797	ug/ml	97
106) 3,3'-Dichlorobenzidine	10.945	252	194825	9.973	ug/ml#	97
107) Chrysene	10.981	228	418126	9.729	ug/ml	97
108) Bis(2-ethylhexyl)phtha...	11.069	149	263081	10.289	ug/ml#	98
109) Di-n-octylphthalate	11.745	149	450821	10.160	ug/ml	99
110) Benzo(b)fluoranthene	12.051	252	473149	9.403	ug/ml#	96
111) Benzo(k)fluoranthene	12.081	252	447732M3	10.027	ug/ml	
112) Benzo(a)pyrene	12.363	252	443101	9.660	ug/ml#	94
114) Indeno(1,2,3-cd)pyrene	13.392	276	501966M6	10.228	ug/mL	
115) Dibenzo(a,h)anthracene	13.416	278	455787	9.720	ug/ml#	92
116) Benzo(ghi)perylene	13.639	276	445148	9.738	ug/ml#	91

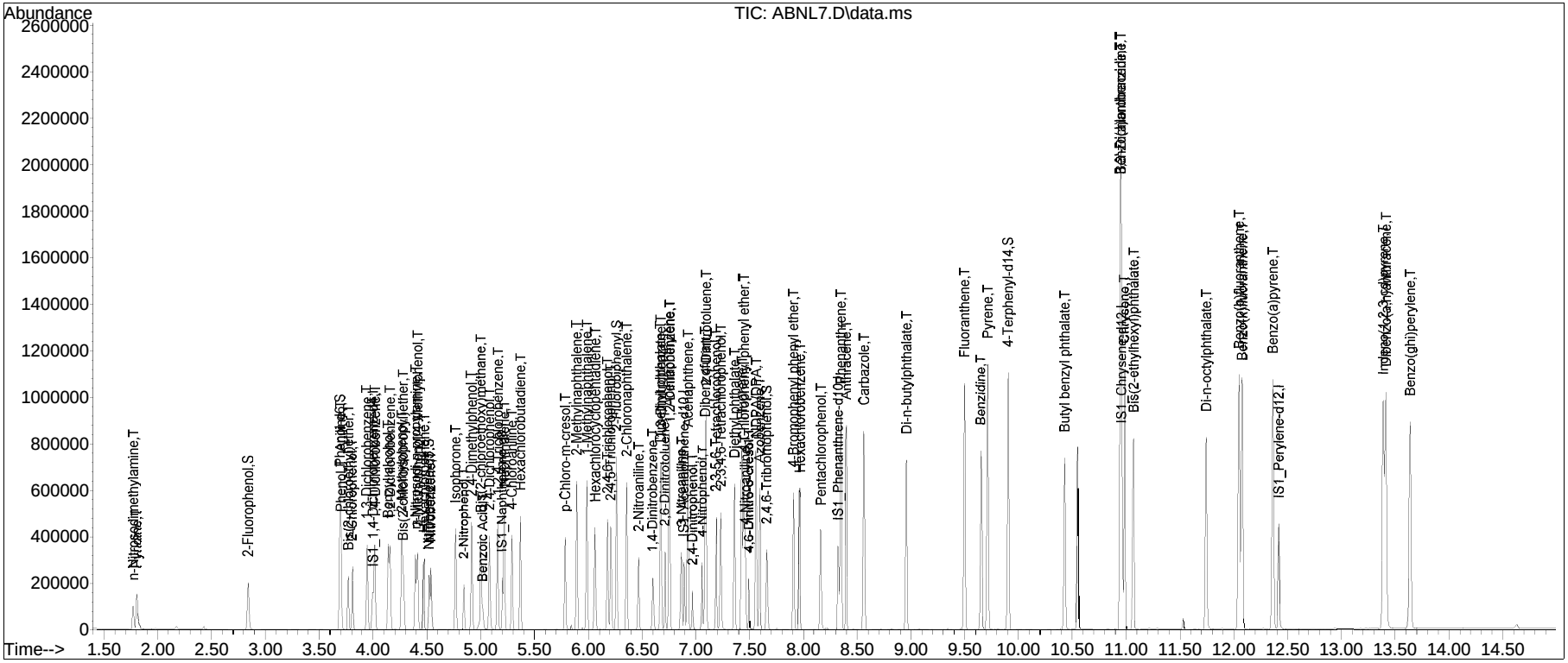
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL7.D
Acq On : 07 Feb 2026 01:08 am
Operator : SV112:cmm
Sample : IL4,32,,ABNL10 Lot # 12061
Misc : WG2174122,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 09 11:27:03 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

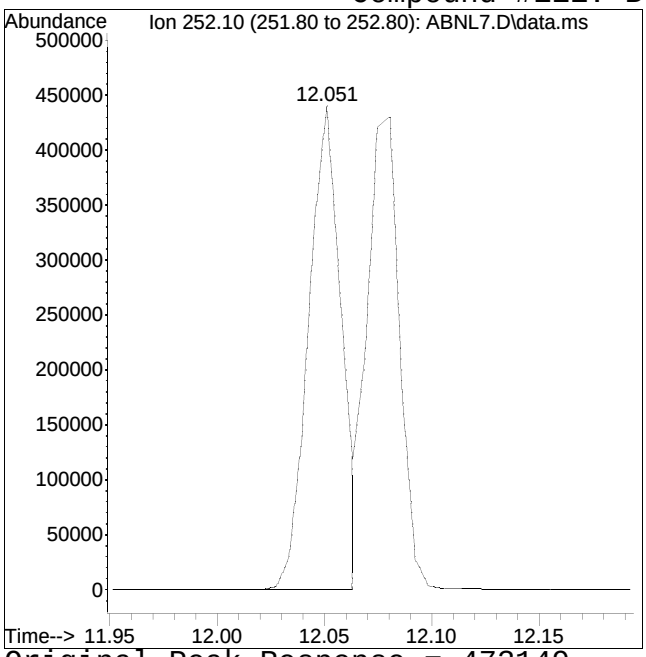
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

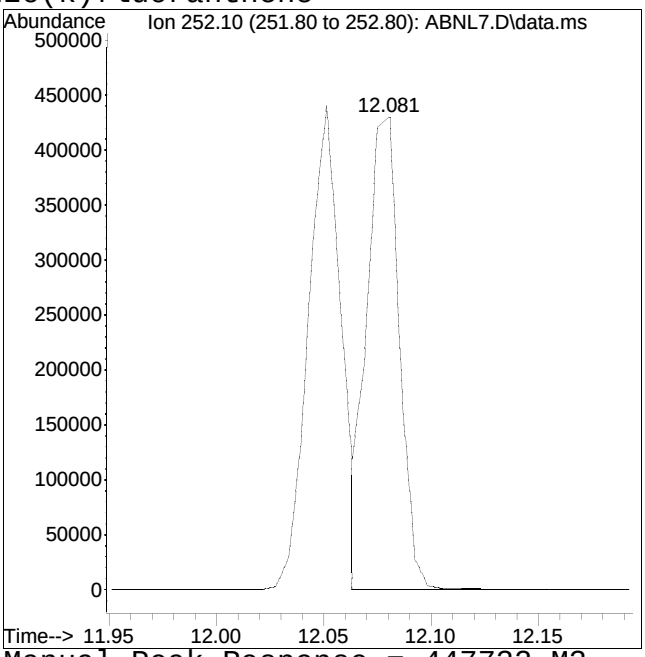


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL7.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 1:08 am Instrument : SV112
Sample : IL4,32,,ABNL10 Lot # 12061Quant Date : 2/9/2026 11:16 am

Compound #111: Benzo(k)fluoranthene



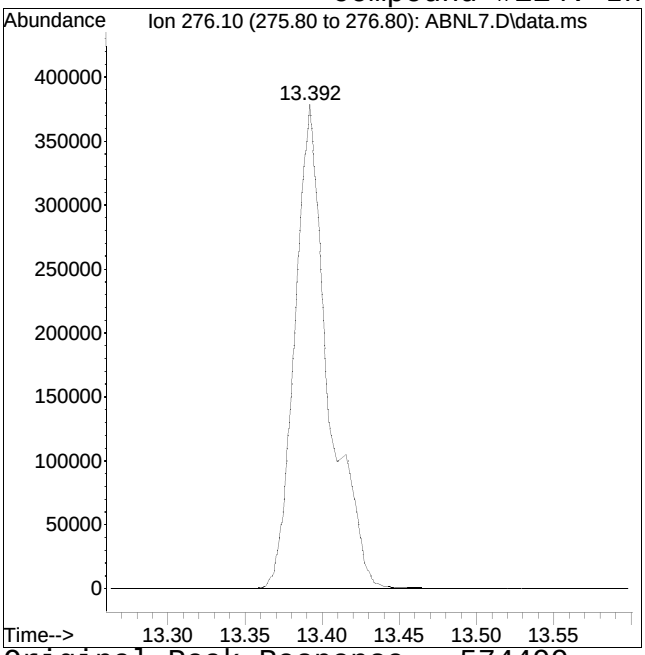


Original Peak Response = 473149 Manual Peak Response = 447732 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

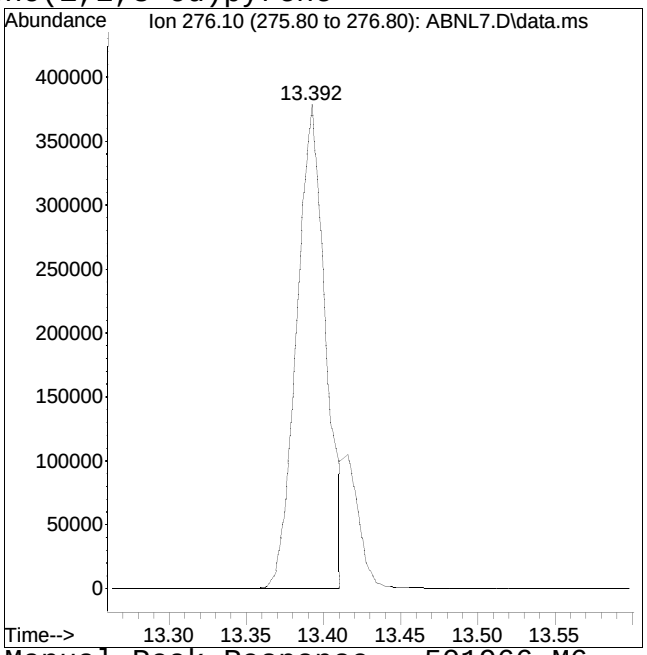
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL7.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 1:08 am Instrument : SV112
Sample : IL4,32,,ABNL10 Lot # 12061Quant Date : 2/9/2026 11:16 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 574499



Manual Peak Response = 501966 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL6.D
Acq On : 07 Feb 2026 01:27 am
Operator : SV112:cmm
Sample : IL5,32,,ABNL5 Lot # 12062
Misc : WG2174122,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 11:26:20 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.999	152	27225	4.000	ug/ml	0.00
Standard Area 1 = 27225			Recovery = 100.00%			
35) IS1_Naphthalene-d8	5.199	136	107415	4.000	ug/ml	0.00
Standard Area 1 = 107415			Recovery = 100.00%			
63) IS1_Acenaphthene-d10	6.893	164	71791	4.000	ug/ml	0.00
Standard Area 1 = 71791			Recovery = 100.00%			
88) IS1_Phenanthrene-d10	8.322	188	167176	4.000	ug/ml #	0.00
Standard Area 1 = 167176			Recovery = 100.00%			
104) IS1_Chrysene-d12	10.957	240	194211	4.000	ug/ml #	0.00
Standard Area 1 = 194211			Recovery = 100.00%			
113) IS1_Perylene-d12	12.416	264	220869	4.000	ug/ml	0.00
Standard Area 1 = 220869			Recovery = 100.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.840	112	33701	5.000	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 250.00%#			
7) Phenol-d6	3.687	99	47384	5.000	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 250.00%#			
19) Nitrobenzene-d5	4.517	82	40648	5.000	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 500.00%#			
46) 2-Fluorobiphenyl	6.263	172	121720	5.000	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 500.00%#			
79) 2,4,6-Tribromophenol	7.658	330	23968	5.000	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 250.00%#			
96) 4-Terphenyl-d14	9.904	244	219779	5.000	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 500.00%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.770	74	25502	5.000	ug/ml	93
3) Pyridine	1.805	79	38038	4.975	ug/ml	90
5) Aniline	3.699	93	66392	5.000	ug/ml#	51
6) 2-Chlorophenol	3.805	128	41114	5.000	ug/ml	98
8) Phenol	3.699	94	55850	5.000	ug/ml#	43
9) Bis(2-chloroethyl)ether	3.769	93	39916	5.000	ug/ml	99
10) 1,3-Dichlorobenzene	3.946	146	48703	5.000	ug/ml	97
11) 1,4-Dichlorobenzene	4.017	146	50227	5.000	ug/ml	96
12) 1,2-Dichlorobenzene	4.158	146	47528	5.000	ug/ml	95

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL6.D
Acq On : 07 Feb 2026 01:27 am
Operator : SV112:cmm
Sample : IL5,32,,ABNL5 Lot # 12062
Misc : WG2174122,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 11:26:20 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.140	79	35759	5.000	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.275	45	59020	5.000	ug/ml#	70
15) 2-Methylphenol	4.264	108	37820	5.000	ug/ml	99
16) Hexachloroethane	4.469	117	18080	5.000	ug/ml#	60
17) n-Nitrosodi-n-propylamine	4.399	70	33013	5.000	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.417	108	40430	5.000	ug/ml	97
20) Nitrobenzene	4.534	77	43661	5.000	ug/ml	96
21) Isophorone	4.769	82	92354	5.000	ug/ml	100
22) 2-Nitrophenol	4.846	139	18097	5.000	ug/ml	96
23) 2,4-Dimethylphenol	4.917	107	43249	5.000	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.999	93	56502	5.000	ug/ml	100
25) 2,4-Dichlorophenol	5.081	162	42156	5.000	ug/ml	94
26) 1,2,4-Trichlorobenzene	5.158	180	49307	5.000	ug/ml	96
36) Naphthalene	5.222	128	132000	5.000	ug/ml	99
37) Benzoic Acid	5.005	105	24406	5.000	ug/ml	93
38) 4-Chloroaniline	5.287	65	17680	5.000	ug/ml	99
39) Hexachlorobutadiene	5.369	225	31618	5.000	ug/ml	99
40) p-Chloro-m-cresol	5.787	107	41638	5.000	ug/ml	95
41) 2-Methylnaphthalene	5.893	142	88720	5.000	ug/ml	97
42) 1-Methylnaphthalene	5.987	115	32505	5.000	ug/ml	95
43) Hexachlorocyclopentadiene	6.064	237	38058	5.000	ug/ml	100
44) 2,4,6-Trichlorophenol	6.181	196	37096	5.000	ug/ml	99
45) 2,4,5-Trichlorophenol	6.211	196	39584	5.000	ug/ml	98
47) 2-Chloronaphthalene	6.358	162	103773	5.000	ug/ml	93
48) 2-Nitroaniline	6.469	138	26810	5.000	ug/ml	96
49) 1,4-Dinitrobenzene	6.599	168	12555	5.000	ug/ml	87
50) 1,3-Dinitrobenzene	6.675	168	15187	5.000	ug/ml	94
51) Dimethyl phthalate	6.669	163	138179	5.000	ug/ml	100
52) Acenaphthylene	6.752	152	169265	5.000	ug/ml	98
53) 2,6-Dinitrotoluene	6.711	165	25222	5.000	ug/ml	90
54) 1,2-Dinitrobenzene	6.752	168	10377	5.000	ug/ml#	1
64) 3-Nitroaniline	6.863	138	27002	5.000	ug/ml#	96
65) Acenaphthene	6.928	154	93276	5.000	ug/ml	96
66) 2,4-Dinitrophenol	6.969	184	12258	5.000	ug/ml#	78
67) Dibenzofuran	7.093	168	160776	5.000	ug/ml	92
68) 2,4-Dinitrotoluene	7.099	165	34075	5.000	ug/ml	94
69) 4-Nitrophenol	7.063	65	20246	5.000	ug/ml	95
70) 2,3,5,6-Tetrachlorophenol	7.187	232	35972	5.000	ug/ml	99

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL6.D
Acq On : 07 Feb 2026 01:27 am
Operator : SV112:cmm
Sample : IL5,32,,ABNL5 Lot # 12062
Misc : WG2174122,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 11:26:20 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	7.228	232	35777	5.000	ug/ml	98
72)	Diethyl phthalate	7.358	149	140368	5.000	ug/ml	97
73)	Fluorene	7.422	166	131563	5.000	ug/ml	96
74)	4-Chlorophenyl phenyl ...	7.446	204	65455	5.000	ug/ml#	82
75)	4-Nitroaniline	7.452	138	27599	5.000	ug/ml	93
76)	4,6-Dinitro-o-cresol	7.493	198	17443	5.000	ug/ml#	75
77)	NDPA/DPA	7.558	169	113535	5.000	ug/ml	94
78)	Azobenzene	7.593	77	120598	5.000	ug/ml#	94
80)	4-Bromophenyl phenyl e...	7.910	248	45001	5.000	ug/ml#	82
81)	Hexachlorobenzene	7.963	284	54092	5.000	ug/ml#	84
82)	Pentachlorophenol	8.158	266	31740	5.048	ug/ml	98
89)	Phenanthrene	8.346	178	214022	5.000	ug/ml	98
90)	Anthracene	8.393	178	220736	5.000	ug/ml	99
91)	Carbazole	8.563	167	208098	5.000	ug/ml	98
92)	Di-n-butylphthalate	8.952	149	247626	5.000	ug/ml	100
93)	Fluoranthene	9.499	202	274690	5.000	ug/ml#	94
94)	Benzidine	9.652	184	181895	5.000	ug/ml#	97
95)	Pyrene	9.716	202	286006	5.000	ug/ml	99
97)	Butyl benzyl phthalate	10.428	149	100865	5.000	ug/ml	94
105)	Benzo(a)anthracene	10.946	228	302632	5.000	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.946	252	126207	5.000	ug/ml#	96
107)	Chrysene	10.981	228	277666	5.000	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.069	149	165193	5.000	ug/ml#	98
109)	Di-n-octylphthalate	11.740	149	286668	5.000	ug/ml	100
110)	Benzo(b)fluoranthene	12.051	252	325105	5.000	ug/ml#	95
111)	Benzo(k)fluoranthene	12.075	252	288320M3	4.997	ug/ml	
112)	Benzo(a)pyrene	12.363	252	296356	5.000	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	13.393	276	318607M6	4.999	ug/mL	
115)	Dibenzo(a,h)anthracene	13.410	278	304500	5.000	ug/ml#	91
116)	Benzo(ghi)perylene	13.634	276	296842	5.000	ug/ml#	91

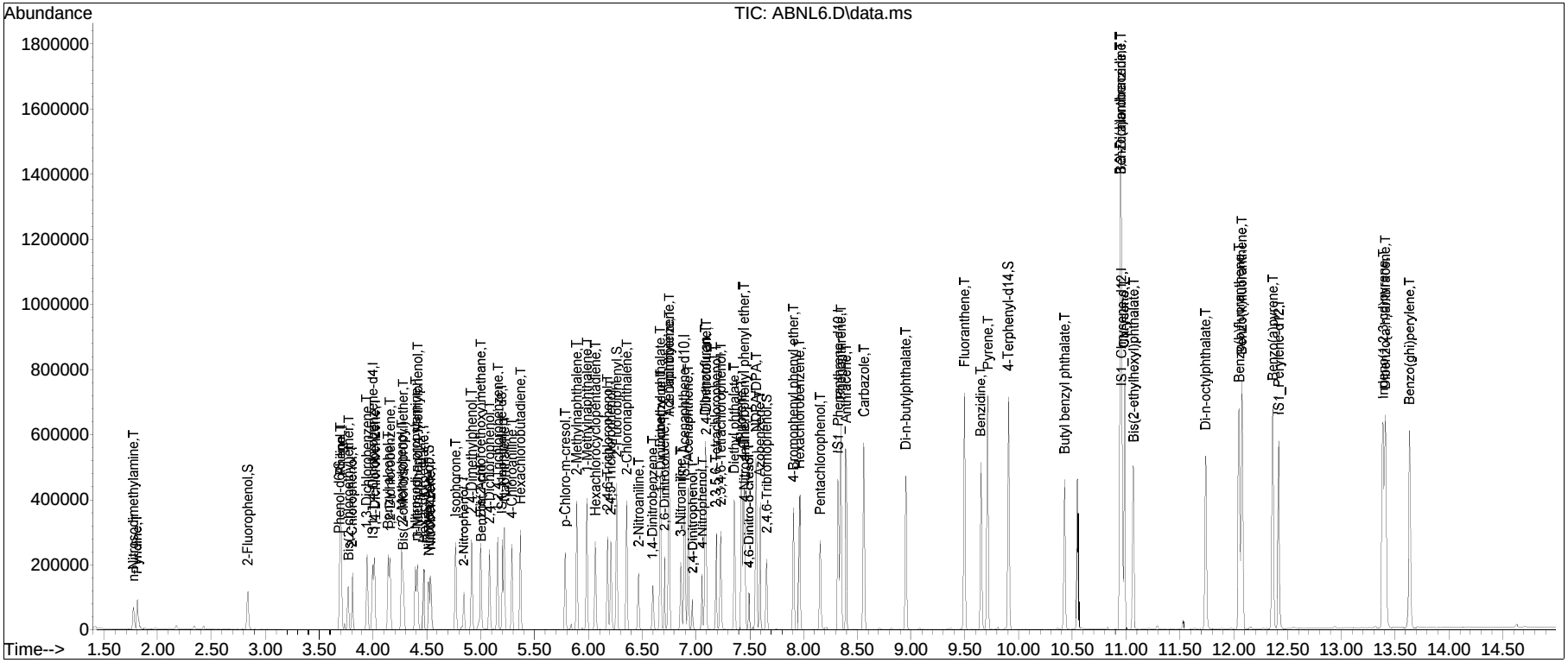
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL6.D
Acq On : 07 Feb 2026 01:27 am
Operator : SV112:cmm
Sample : IL5,32,,ABNL5 Lot # 12062
Misc : WG2174122,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 11:26:20 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

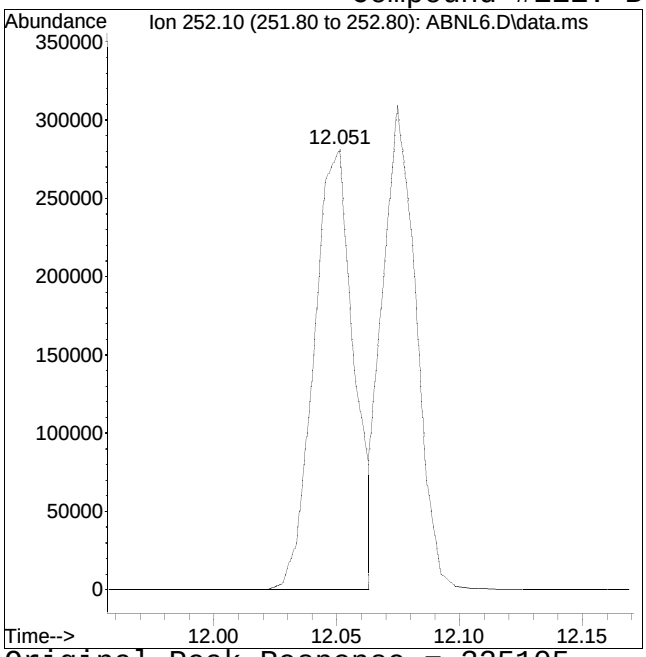
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

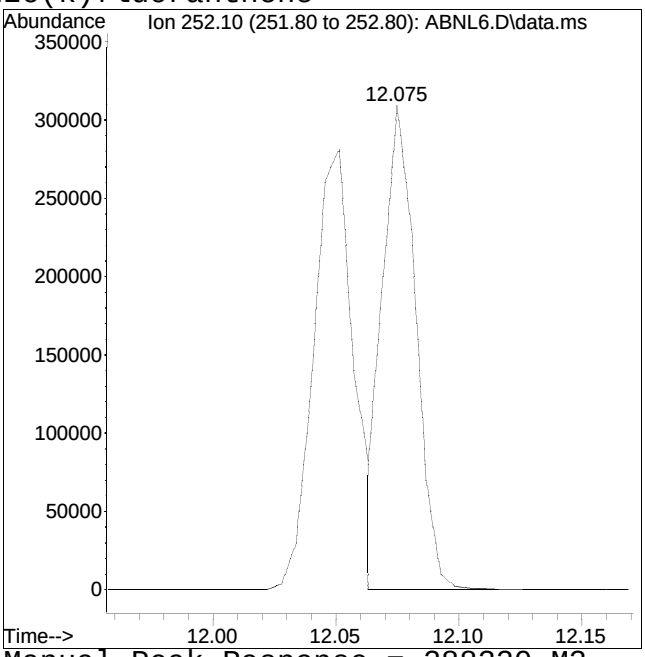


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL6.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 1:27 am Instrument : SV112
Sample : IL5,32,,ABNL5 Lot # 12062 Quant Date : 2/9/2026 11:16 am

Compound #111: Benzo(k)fluoranthene



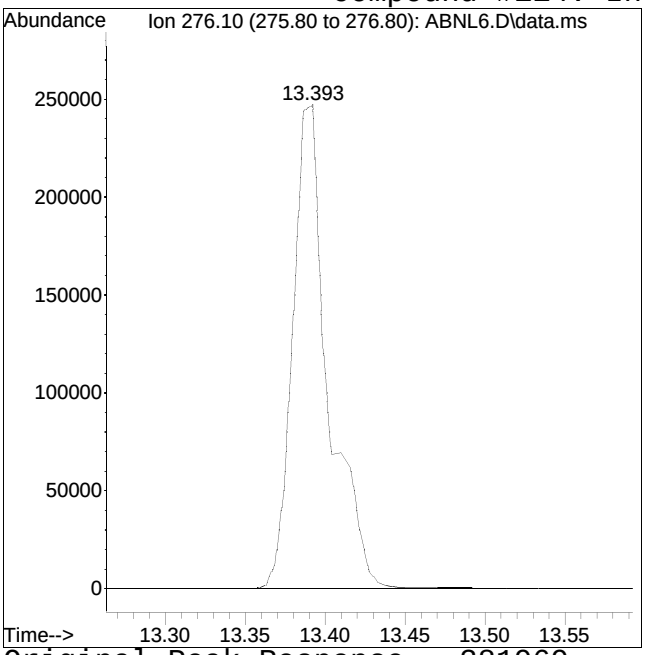


Original Peak Response = 325105 Manual Peak Response = 288320 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

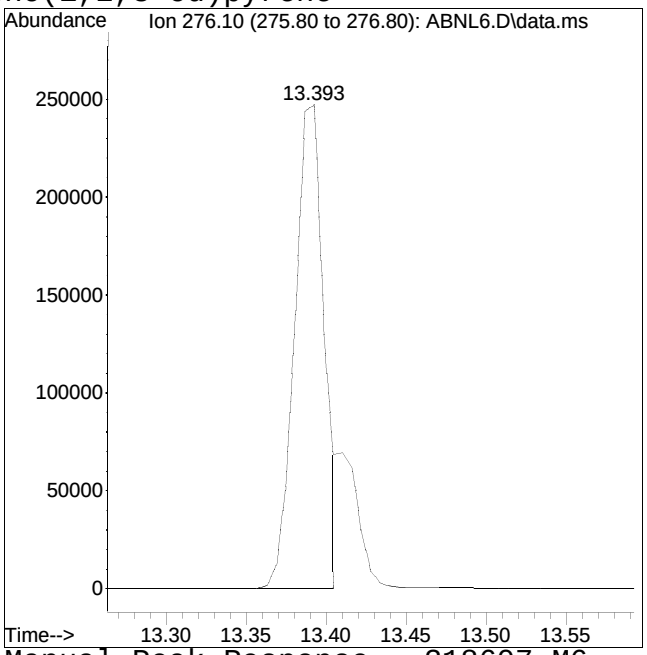
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL6.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 1:27 am Instrument : SV112
Sample : IL5,32,,ABNL5 Lot # 12062 Quant Date : 2/9/2026 11:16 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 381969



Manual Peak Response = 318607 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL5.D
Acq On : 07 Feb 2026 01:46 am
Operator : SV112:cmm
Sample : IL6,32,,ABNL2.5 Lot # 12063
Misc : WG2174122,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 11:25:37 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.999	152	22790	4.000	ug/ml	0.00
Standard Area 1 = 27225			Recovery = 83.71%			
35) IS1_Naphthalene-d8	5.199	136	87025	4.000	ug/ml	0.00
Standard Area 1 = 107415			Recovery = 81.02%			
63) IS1_Acenaphthene-d10	6.893	164	58118	4.000	ug/ml	0.00
Standard Area 1 = 71791			Recovery = 80.95%			
88) IS1_Phenanthrene-d10	8.322	188	135293	4.000	ug/ml #	0.00
Standard Area 1 = 167176			Recovery = 80.93%			
104) IS1_Chrysene-d12	10.951	240	159249	4.000	ug/ml #	0.00
Standard Area 1 = 194211			Recovery = 82.00%			
113) IS1_Perylene-d12	12.416	264	180510	4.000	ug/ml	0.00
Standard Area 1 = 220869			Recovery = 81.73%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.840	112	13469	2.387	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 119.35%#			
7) Phenol-d6	3.687	99	19070	2.404	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 120.20%#			
19) Nitrobenzene-d5	4.516	82	16234	2.386	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 238.60%#			
46) 2-Fluorobiphenyl	6.263	172	50920	2.582	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 258.20%#			
79) 2,4,6-Tribromophenol	7.657	330	9457	2.437	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 121.85%#			
96) 4-Terphenyl-d14	9.904	244	90385	2.541	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 254.10%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.775	74	10115	2.369	ug/ml	93
3) Pyridine	1.811	79	15248	2.383	ug/ml	87
5) Aniline	3.699	93	26706	2.403	ug/ml#	52
6) 2-Chlorophenol	3.805	128	16329	2.372	ug/ml	100
8) Phenol	3.699	94	21983	2.351	ug/ml#	41
9) Bis(2-chloroethyl)ether	3.769	93	16211	2.426	ug/ml	98
10) 1,3-Dichlorobenzene	3.946	146	20124	2.468	ug/ml	97
11) 1,4-Dichlorobenzene	4.016	146	20627	2.453	ug/ml	97
12) 1,2-Dichlorobenzene	4.158	146	19456	2.445	ug/ml	97

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL5.D
Acq On : 07 Feb 2026 01:46 am
Operator : SV112:cmm
Sample : IL6,32,,ABNL2.5 Lot # 12063
Misc : WG2174122,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 11:25:37 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.140	79	14202	2.372	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.281	45	23968	2.426	ug/ml#	70
15) 2-Methylphenol	4.263	108	14991	2.368	ug/ml	95
16) Hexachloroethane	4.469	117	7384	2.439	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.399	70	12889	2.332	ug/ml	96
18) 3-Methylphenol/4-Methy...	4.416	108	16415	2.425	ug/ml	97
20) Nitrobenzene	4.534	77	16716	2.287	ug/ml	96
21) Isophorone	4.769	82	36379	2.353	ug/ml	99
22) 2-Nitrophenol	4.846	139	6787	2.240	ug/ml	96
23) 2,4-Dimethylphenol	4.916	107	17581	2.428	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.999	93	23123	2.444	ug/ml	99
25) 2,4-Dichlorophenol	5.081	162	17053	2.416	ug/ml#	93
26) 1,2,4-Trichlorobenzene	5.158	180	20327	2.462	ug/ml	95
36) Naphthalene	5.216	128	54339	2.541	ug/ml	99
37) Benzoic Acid	4.987	105	8572	2.168	ug/ml	97
38) 4-Chloroaniline	5.287	65	6876	2.400	ug/ml	96
39) Hexachlorobutadiene	5.369	225	12964	2.530	ug/ml	99
40) p-Chloro-m-cresol	5.787	107	15948	2.364	ug/ml	94
41) 2-Methylnaphthalene	5.893	142	35832	2.493	ug/ml	96
42) 1-Methylnaphthalene	5.987	115	13058	2.479	ug/ml	92
43) Hexachlorocyclopentadiene	6.063	237	15204	2.465	ug/ml	100
44) 2,4,6-Trichlorophenol	6.181	196	14324	2.383	ug/ml	100
45) 2,4,5-Trichlorophenol	6.210	196	15573	2.428	ug/ml	100
47) 2-Chloronaphthalene	6.357	162	42285	2.515	ug/ml	93
48) 2-Nitroaniline	6.469	138	9557	2.200	ug/ml	96
49) 1,4-Dinitrobenzene	6.599	168	4361	2.144	ug/ml	90
50) 1,3-Dinitrobenzene	6.675	168	5341	2.170	ug/ml	94
51) Dimethyl phthalate	6.669	163	55471	2.478	ug/ml	99
52) Acenaphthylene	6.752	152	69422	2.531	ug/ml	99
53) 2,6-Dinitrotoluene	6.710	165	9105	2.228	ug/ml	92
54) 1,2-Dinitrobenzene	6.752	168	3764	2.239	ug/ml#	1
64) 3-Nitroaniline	6.863	138	10003	2.288	ug/ml#	96
65) Acenaphthene	6.922	154	37486	2.482	ug/ml	95
66) 2,4-Dinitrophenol	6.969	184	3951	1.991	ug/ml#	83
67) Dibenzofuran	7.093	168	65465	2.515	ug/ml	91
68) 2,4-Dinitrotoluene	7.099	165	12074	2.188	ug/ml	96
69) 4-Nitrophenol	7.063	65	7316	2.232	ug/ml	92
70) 2,3,5,6-Tetrachlorophenol	7.187	232	13952	2.396	ug/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL5.D
Acq On : 07 Feb 2026 01:46 am
Operator : SV112:cmm
Sample : IL6,32,,ABNL2.5 Lot # 12063
Misc : WG2174122,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 11:25:37 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	7.228	232	13816	2.385	ug/ml	99
72)	Diethyl phthalate	7.357	149	55552	2.444	ug/ml	97
73)	Fluorene	7.422	166	53303	2.502	ug/ml	95
74)	4-Chlorophenyl phenyl ...	7.446	204	27674	2.611	ug/ml#	81
75)	4-Nitroaniline	7.452	138	10661	2.386	ug/ml	95
76)	4,6-Dinitro-o-cresol	7.487	198	6145	2.176	ug/ml#	78
77)	NDPA/DPA	7.557	169	45649	2.483	ug/ml	95
78)	Azobenzene	7.593	77	49317	2.526	ug/ml#	93
80)	4-Bromophenyl phenyl e...	7.910	248	18523	2.542	ug/ml#	81
81)	Hexachlorobenzene	7.963	284	22193	2.534	ug/ml#	84
82)	Pentachlorophenol	8.157	266	11682	2.295	ug/ml	98
89)	Phenanthrene	8.346	178	88277	2.548	ug/ml	100
90)	Anthracene	8.393	178	90441	2.531	ug/ml	100
91)	Carbazole	8.563	167	84172	2.499	ug/ml	99
92)	Di-n-butylphthalate	8.951	149	94664	2.362	ug/ml	100
93)	Fluoranthene	9.498	202	111704	2.512	ug/ml#	94
94)	Benzidine	9.651	184	70342	2.389	ug/ml#	96
95)	Pyrene	9.710	202	117310	2.534	ug/ml	99
97)	Butyl benzyl phthalate	10.428	149	35319	2.163	ug/ml	96
105)	Benzo(a)anthracene	10.945	228	124003	2.498	ug/ml	99
106)	3,3'-Dichlorobenzidine	10.945	252	48622	2.349	ug/ml#	96
107)	Chrysene	10.981	228	114004	2.504	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.063	149	60666	2.239	ug/ml	98
109)	Di-n-octylphthalate	11.740	149	103033	2.192	ug/ml	99
110)	Benzo(b)fluoranthene	12.045	252	123180	2.310	ug/ml#	95
111)	Benzo(k)fluoranthene	12.075	252	125827M3	2.660	ug/ml	
112)	Benzo(a)pyrene	12.357	252	118382	2.436	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	13.387	276	128564M6	2.468	ug/mL	
115)	Dibenzo(a,h)anthracene	13.410	278	121144	2.434	ug/ml#	91
116)	Benzo(ghi)perylene	13.634	276	117427	2.420	ug/ml#	91

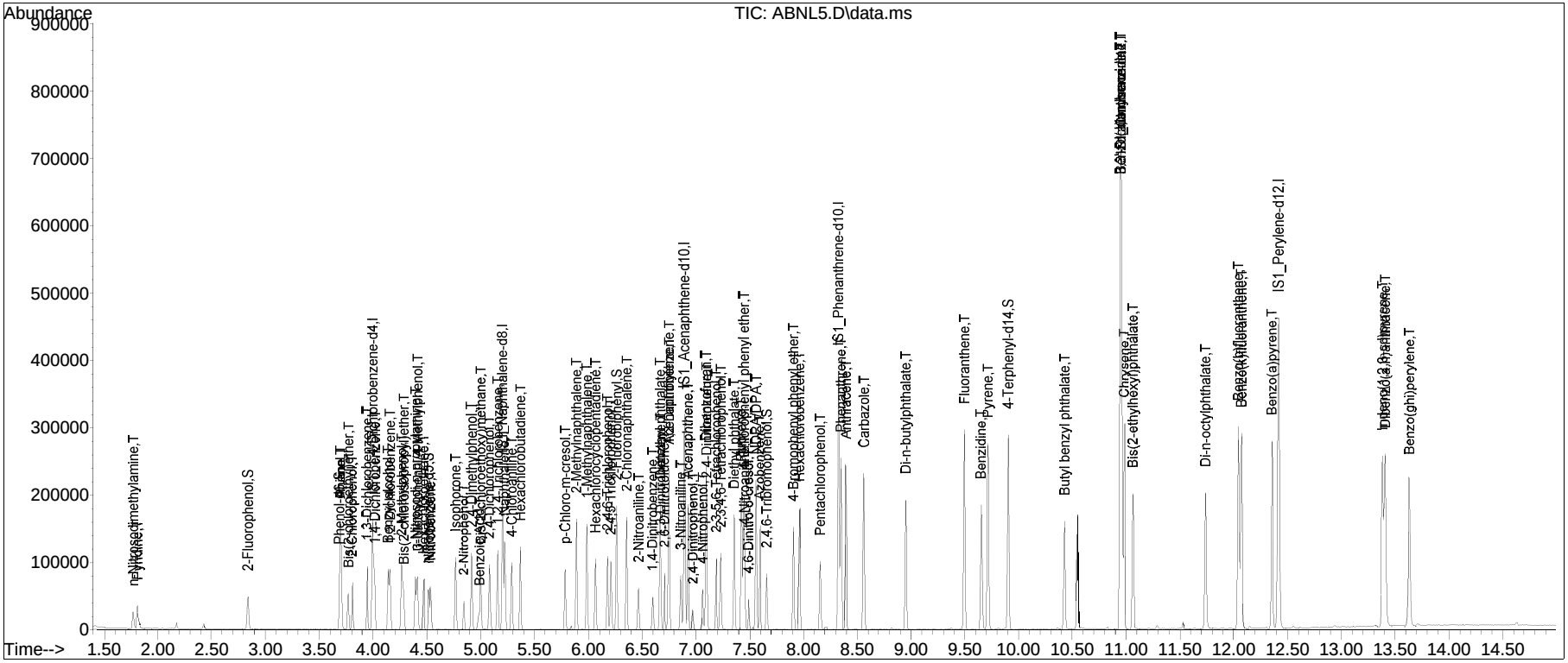
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL5.D
Acq On : 07 Feb 2026 01:46 am
Operator : SV112:cmm
Sample : IL6,32,,ABNL2.5 Lot # 12063
Misc : WG2174122,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 11:25:37 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

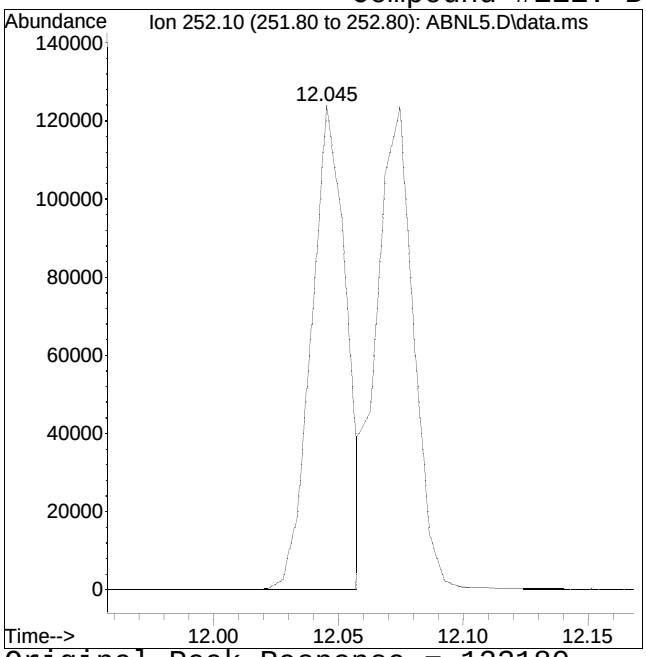
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

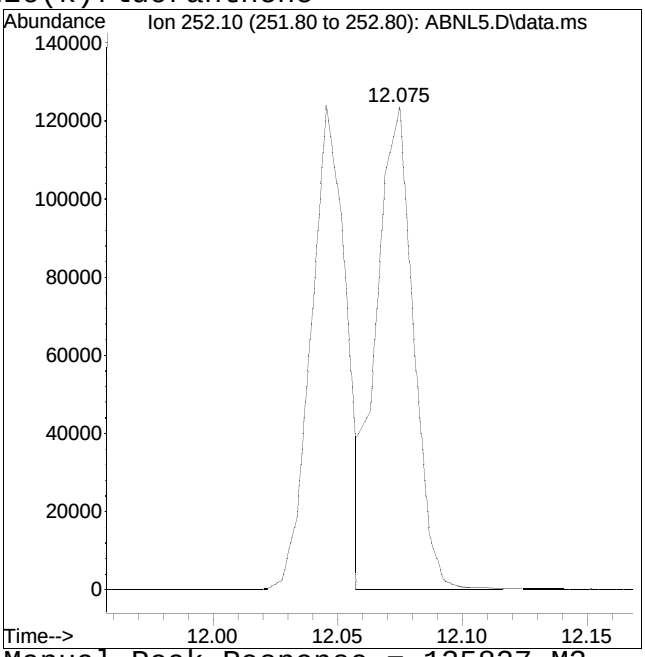


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL5.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 1:46 am Instrument : SV112
Sample : IL6,32,,ABNL2.5 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #111: Benzo(k)fluoranthene



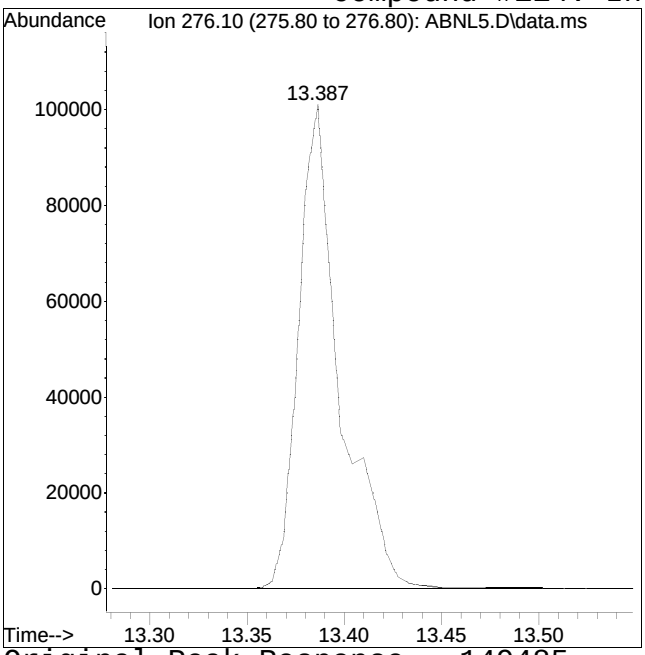


Original Peak Response = 123180 Manual Peak Response = 125827 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

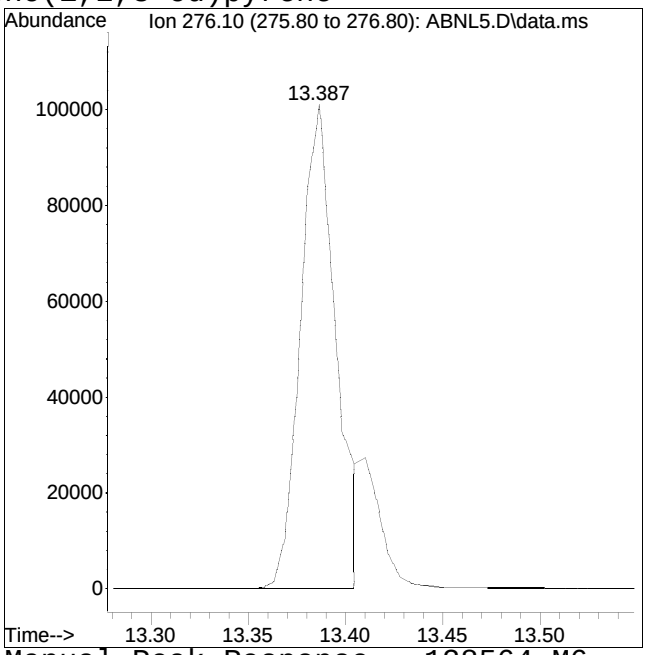
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL5.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 1:46 am Instrument : SV112
Sample : IL6,32,,ABNL2.5 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 149485



Manual Peak Response = 128564 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL3.D
Acq On : 07 Feb 2026 02:05 am
Operator : SV112:cmm
Sample : IL8,32,,ABNL0.5 Lot # 12065
Misc : WG2174122,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 09 11:24:04 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.999	152	19979	4.000	ug/ml	0.00
Standard Area 1 = 27225			Recovery = 73.38%			
35) IS1_Naphthalene-d8	5.199	136	74789	4.000	ug/ml	0.00
Standard Area 1 = 107415			Recovery = 69.63%			
63) IS1_Acenaphthene-d10	6.893	164	48574	4.000	ug/ml	0.00
Standard Area 1 = 71791			Recovery = 67.66%			
88) IS1_Phenanthrene-d10	8.322	188	113857	4.000	ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 68.11%			
104) IS1_Chrysene-d12	10.951	240	135154	4.000	ug/ml	# 0.00
Standard Area 1 = 194211			Recovery = 69.59%			
113) IS1_Perylene-d12	12.416	264	155042	4.000	ug/ml	0.00
Standard Area 1 = 220869			Recovery = 70.20%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.840	112	2572	0.520	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 26.00%			
7) Phenol-d6	3.693	99	3337	0.480	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 24.00%			
19) Nitrobenzene-d5	4.522	82	2706	0.454	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 45.40%			
46) 2-Fluorobiphenyl	6.263	172	8874	0.524	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 52.40%			
79) 2,4,6-Tribromophenol	7.657	330	1506	0.464	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 23.20%			
96) 4-Terphenyl-d14	9.904	244	16099	0.538	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 53.80%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.781	74	1795	0.480	ug/ml#	88
3) Pyridine	1.828	79	2908	0.518	ug/ml	82
5) Aniline	3.699	93	4481	0.460	ug/ml#	48
6) 2-Chlorophenol	3.811	128	2906	0.482	ug/ml	97
8) Phenol	3.705	94	3716	0.453	ug/ml#	38
9) Bis(2-chloroethyl)ether	3.769	93	2765	0.472	ug/ml	96
10) 1,3-Dichlorobenzene	3.946	146	3707	0.519	ug/ml	96
11) 1,4-Dichlorobenzene	4.016	146	3690	0.501	ug/ml	95
12) 1,2-Dichlorobenzene	4.158	146	3676	0.527	ug/ml	96

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL3.D
Acq On : 07 Feb 2026 02:05 am
Operator : SV112:cmm
Sample : IL8,32,,ABNL0.5 Lot # 12065
Misc : WG2174122,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 09 11:24:04 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.140	79	2213	0.422	ug/ml	94
14) Bis(2-chloroisopropyl)...	4.281	45	4365	0.504	ug/ml#	70
15) 2-Methylphenol	4.263	108	2428	0.437	ug/ml	97
16) Hexachloroethane	4.475	117	1284	0.484	ug/ml#	57
17) n-Nitrosodi-n-propylamine	4.399	70	2244	0.463	ug/ml#	62
18) 3-Methylphenol/4-Methy...	4.416	108	2682	0.452	ug/ml#	90
20) Nitrobenzene	4.540	77	2696	0.421	ug/ml#	85
21) Isophorone	4.775	82	6213	0.458	ug/ml#	94
22) 2-Nitrophenol	4.846	139	1077	0.405	ug/ml#	76
23) 2,4-Dimethylphenol	4.916	107	3057	0.482	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.999	93	3932	0.474	ug/ml#	91
25) 2,4-Dichlorophenol	5.081	162	2705	0.437	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.157	180	3531	0.488	ug/ml	94
36) Naphthalene	5.222	128	9437	0.513	ug/ml	98
37) Benzoic Acid	4.969	105	503	0.148	ug/ml#	1
38) 4-Chloroaniline	5.287	65	1219	0.495	ug/ml	96
39) Hexachlorobutadiene	5.369	225	2355	0.535	ug/ml	92
40) p-Chloro-m-cresol	5.787	107	2549	0.440	ug/ml	98
41) 2-Methylnaphthalene	5.893	142	6288	0.509	ug/ml	99
42) 1-Methylnaphthalene	5.987	115	2295	0.507	ug/ml	96
43) Hexachlorocyclopentadiene	6.063	237	2545	0.480	ug/ml#	93
44) 2,4,6-Trichlorophenol	6.181	196	2233	0.432	ug/ml	92
45) 2,4,5-Trichlorophenol	6.210	196	2462	0.447	ug/ml	94
47) 2-Chloronaphthalene	6.357	162	7493	0.519	ug/ml#	92
48) 2-Nitroaniline	6.469	138	1472	0.394	ug/ml	97
49) 1,4-Dinitrobenzene	6.599	168	627	0.359	ug/ml	100
50) 1,3-Dinitrobenzene	6.675	168	828	0.392	ug/ml	97
51) Dimethyl phthalate	6.669	163	9635	0.501	ug/ml#	98
52) Acenaphthylene	6.752	152	12038	0.511	ug/ml	99
53) 2,6-Dinitrotoluene	6.710	165	1361	0.388	ug/ml	90
54) 1,2-Dinitrobenzene	6.752	168	500	0.346	ug/ml#	1
64) 3-Nitroaniline	6.863	138	1449	0.397	ug/ml#	86
65) Acenaphthene	6.922	154	6679	0.529	ug/ml	96
66) 2,4-Dinitrophenol	6.969	184	460M2	0.277	ug/ml	
67) Dibenzofuran	7.093	168	11466	0.527	ug/ml	92
68) 2,4-Dinitrotoluene	7.099	165	1647	0.357	ug/ml	94
69) 4-Nitrophenol	7.063	65	1145	0.418	ug/ml	93
70) 2,3,5,6-Tetrachlorophenol	7.187	232	2204	0.453	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL3.D
Acq On : 07 Feb 2026 02:05 am
Operator : SV112:cmm
Sample : IL8,32,,ABNL0.5 Lot # 12065
Misc : WG2174122,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 09 11:24:04 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	7.228	232	2168	0.448	ug/ml	100
72)	Diethyl phthalate	7.357	149	9427	0.496	ug/ml	96
73)	Fluorene	7.422	166	9340	0.525	ug/ml	97
74)	4-Chlorophenyl phenyl ...	7.446	204	5009	0.566	ug/ml#	80
75)	4-Nitroaniline	7.451	138	1376	0.368	ug/ml#	81
76)	4,6-Dinitro-o-cresol	7.487	198	866	0.367	ug/ml#	1
77)	NDPA/DPA	7.557	169	8095	0.527	ug/ml	97
78)	Azobenzene	7.593	77	8352	0.512	ug/ml	96
80)	4-Bromophenyl phenyl e...	7.910	248	3233	0.531	ug/ml#	81
81)	Hexachlorobenzene	7.963	284	3894	0.532	ug/ml#	80
82)	Pentachlorophenol	8.157	266	1719	0.404	ug/ml	90
89)	Phenanthrene	8.346	178	15608	0.535	ug/ml	98
90)	Anthracene	8.393	178	15490	0.515	ug/ml	99
91)	Carbazole	8.563	167	14388	0.508	ug/ml	99
92)	Di-n-butylphthalate	8.951	149	15534	0.461	ug/ml	99
93)	Fluoranthene	9.498	202	19541	0.522	ug/ml#	95
94)	Benzidine	9.651	184	11493	0.464	ug/ml#	94
95)	Pyrene	9.716	202	19957	0.512	ug/ml	98
97)	Butyl benzyl phthalate	10.428	149	5332	0.388	ug/ml	99
105)	Benzo(a)anthracene	10.945	228	22067	0.524	ug/ml	99
106)	3,3'-Dichlorobenzidine	10.945	252	7852	0.447	ug/ml	97
107)	Chrysene	10.981	228	20387	0.528	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	11.063	149	8348	0.363	ug/ml#	95
109)	Di-n-octylphthalate	11.740	149	14200	0.356	ug/ml#	91
110)	Benzo(b)fluoranthene	12.045	252	21402	0.473	ug/ml#	96
111)	Benzo(k)fluoranthene	12.075	252	22430M3	0.559	ug/ml	
112)	Benzo(a)pyrene	12.357	252	21046	0.510	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	13.386	276	22325M6	0.499	ug/mL	
115)	Dibenzo(a,h)anthracene	13.410	278	21056	0.493	ug/ml#	89
116)	Benzo(ghi)perylene	13.628	276	21274	0.510	ug/ml#	91

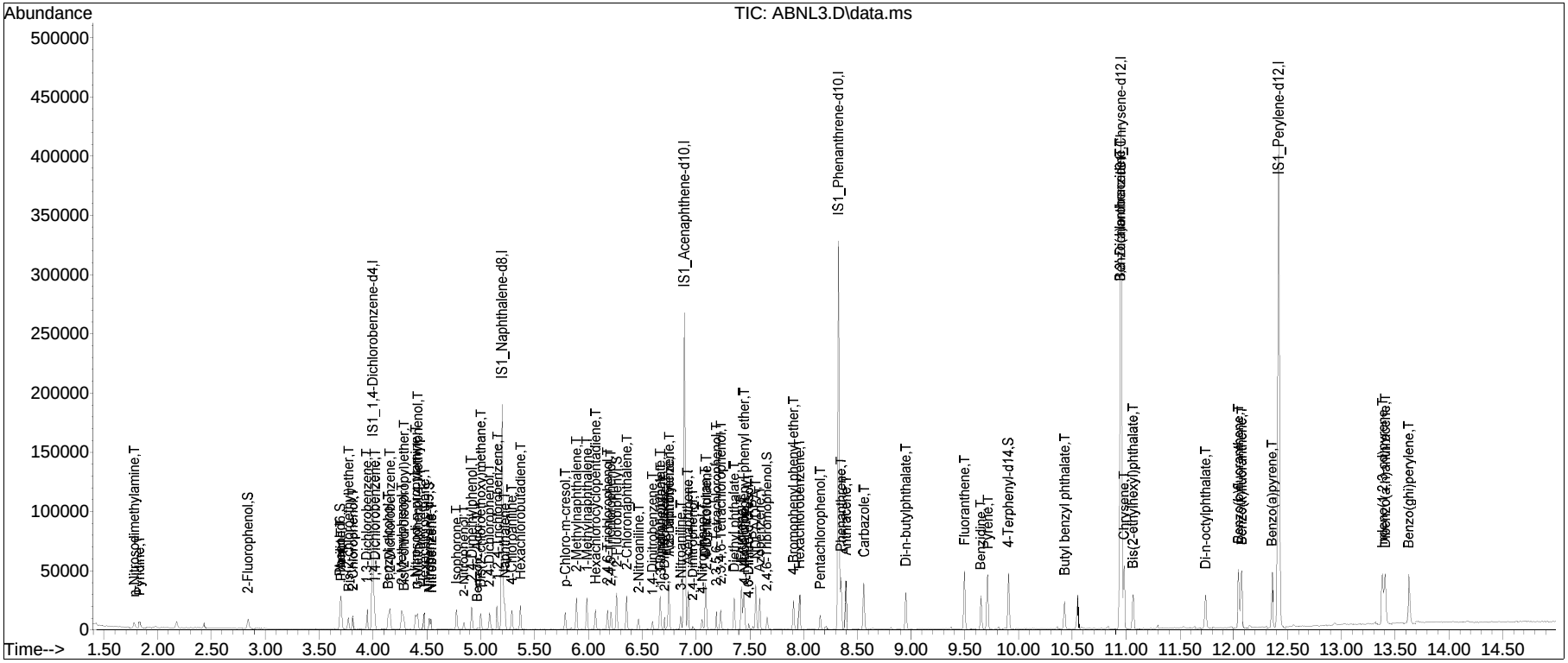
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL3.D
Acq On : 07 Feb 2026 02:05 am
Operator : SV112:cmm
Sample : IL8,32,,ABNL0.5 Lot # 12065
Misc : WG2174122,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 09 11:24:04 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

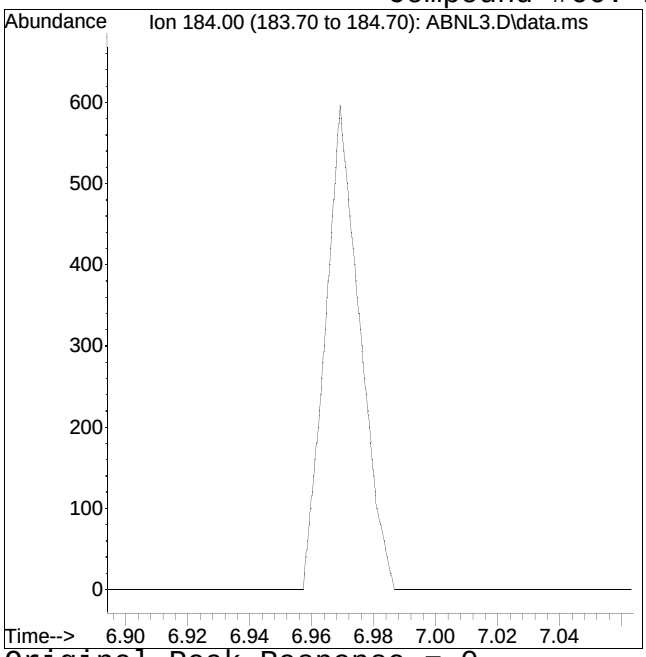
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•



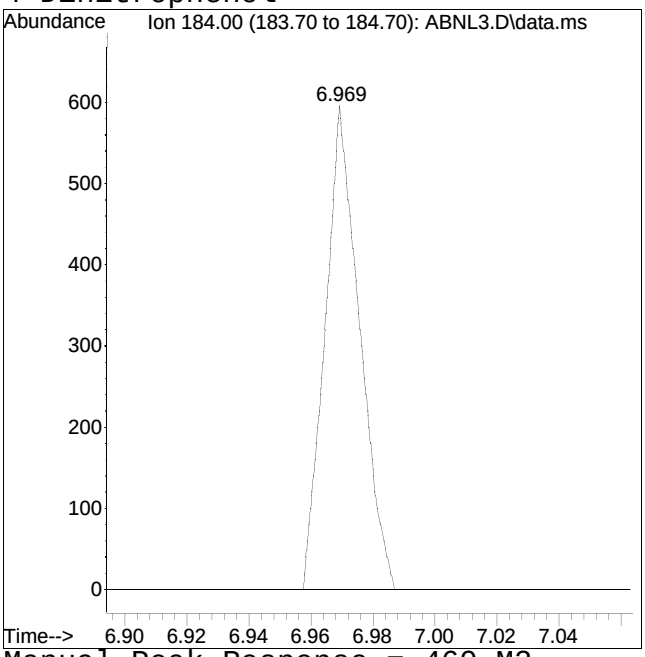
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL3.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:05 am Instrument : SV112
Sample : IL8,32,,ABNL0.5 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #66: 2,4-Dinitrophenol



Original Peak Response = 0



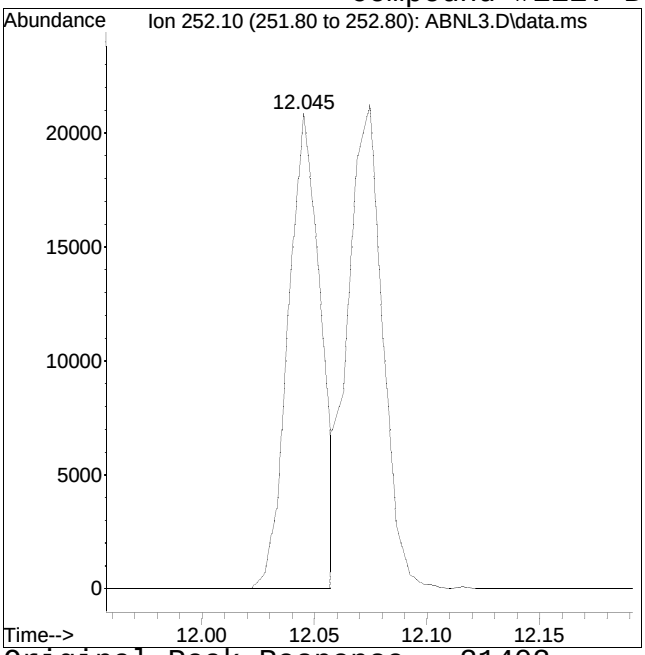
Manual Peak Response = 460 M2

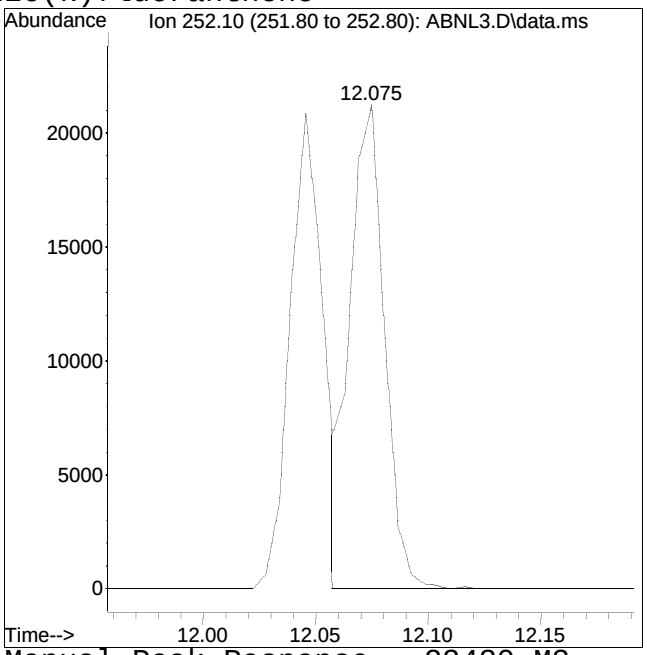
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL3.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:05 am Instrument : SV112
Sample : IL8,32,,ABNL0.5 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #111: Benzo(k)fluoranthene



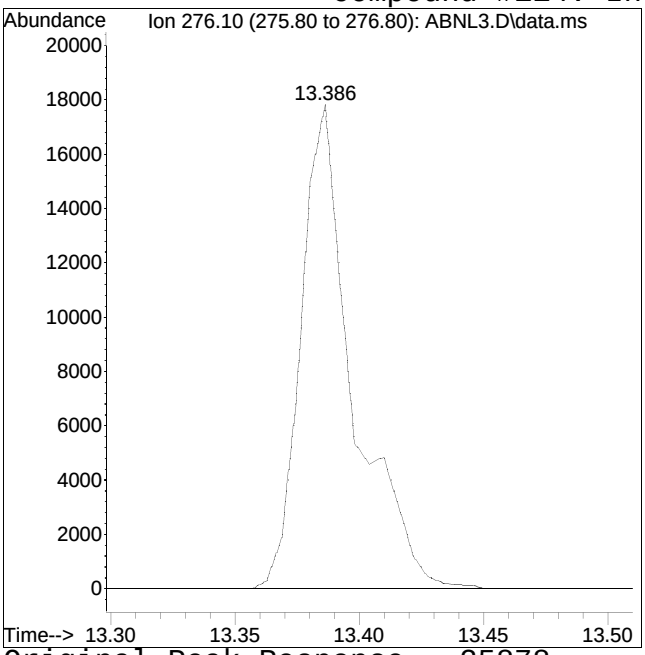


Original Peak Response = 21402 Manual Peak Response = 22430 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

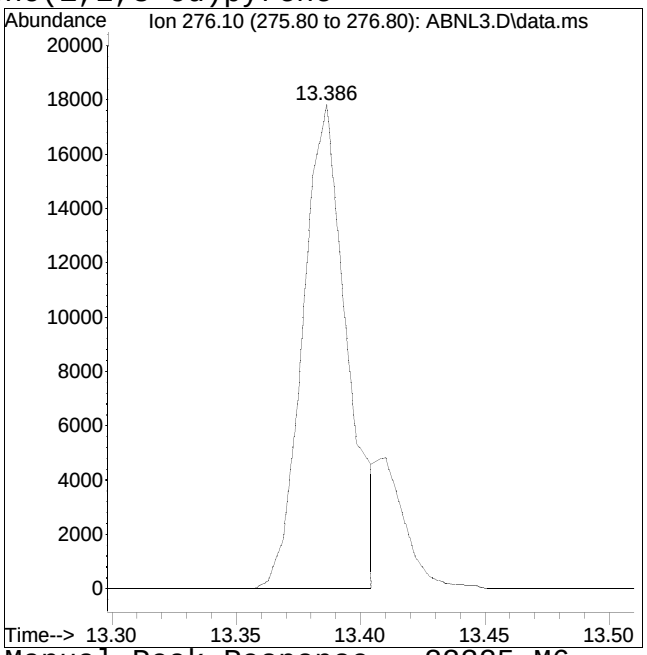
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL3.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:05 am Instrument : SV112
Sample : IL8,32,,ABNL0.5 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 25878



Manual Peak Response = 22325 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL4.D
Acq On : 07 Feb 2026 02:25 am
Operator : SV112:cmm
Sample : IL7,32,,ABNL1 Lot # 12064
Misc : WG2174122,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 09 11:24:53 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.999	152	21733	4.000	ug/ml	0.00
Standard Area 1 = 27225			Recovery = 79.83%			
35) IS1_Naphthalene-d8	5.199	136	82366	4.000	ug/ml	0.00
Standard Area 1 = 107415			Recovery = 76.68%			
63) IS1_Acenaphthene-d10	6.893	164	53681	4.000	ug/ml	0.00
Standard Area 1 = 71791			Recovery = 74.77%			
88) IS1_Phenanthrene-d10	8.322	188	128447	4.000	ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 76.83%			
104) IS1_Chrysene-d12	10.951	240	151462	4.000	ug/ml	# 0.00
Standard Area 1 = 194211			Recovery = 77.99%			
113) IS1_Perylene-d12	12.416	264	172295	4.000	ug/ml	0.00
Standard Area 1 = 220869			Recovery = 78.01%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.840	112	4855	0.902	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 45.10%			
7) Phenol-d6	3.687	99	6490	0.858	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 42.90%			
19) Nitrobenzene-d5	4.516	82	5456	0.841	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 84.10%			
46) 2-Fluorobiphenyl	6.263	172	18983	1.017	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 101.70%			
79) 2,4,6-Tribromophenol	7.657	330	3075	0.858	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 42.90%			
96) 4-Terphenyl-d14	9.904	244	34075	1.009	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 100.90%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.775	74	3301	0.811	ug/ml#	79
3) Pyridine	1.816	79	5300	0.868	ug/ml	91
5) Aniline	3.699	93	9362	0.883	ug/ml#	53
6) 2-Chlorophenol	3.805	128	5986	0.912	ug/ml	93
8) Phenol	3.699	94	7454	0.836	ug/ml#	38
9) Bis(2-chloroethyl)ether	3.769	93	5702	0.895	ug/ml	99
10) 1,3-Dichlorobenzene	3.946	146	7315	0.941	ug/ml	97
11) 1,4-Dichlorobenzene	4.016	146	7313	0.912	ug/ml	97
12) 1,2-Dichlorobenzene	4.157	146	7392	0.974	ug/ml	95

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL4.D
Acq On : 07 Feb 2026 02:25 am
Operator : SV112:cmm
Sample : IL7,32,,ABNL1 Lot # 12064
Misc : WG2174122,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 09 11:24:53 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.140	79	4768	0.835	ug/ml	94
14) Bis(2-chloroisopropyl)...	4.281	45	8664	0.919	ug/ml#	69
15) 2-Methylphenol	4.263	108	5238	0.867	ug/ml	97
16) Hexachloroethane	4.469	117	2654	0.919	ug/ml#	62
17) n-Nitrosodi-n-propylamine	4.399	70	4654	0.883	ug/ml#	90
18) 3-Methylphenol/4-Methy...	4.416	108	5660	0.877	ug/ml	96
20) Nitrobenzene	4.534	77	5506	0.790	ug/ml	96
21) Isophorone	4.769	82	12920	0.876	ug/ml	99
22) 2-Nitrophenol	4.846	139	2302	0.797	ug/ml	91
23) 2,4-Dimethylphenol	4.916	107	6203	0.898	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.999	93	8348	0.925	ug/ml#	97
25) 2,4-Dichlorophenol	5.081	162	5807	0.863	ug/ml	94
26) 1,2,4-Trichlorobenzene	5.157	180	7624	0.968	ug/ml	96
36) Naphthalene	5.216	128	19631	0.970	ug/ml	100
37) Benzoic Acid	4.975	105	2153	0.575	ug/ml	99
38) 4-Chloroaniline	5.287	65	2468	0.910	ug/ml	96
39) Hexachlorobutadiene	5.369	225	4809	0.992	ug/ml	99
40) p-Chloro-m-cresol	5.787	107	5421	0.849	ug/ml	95
41) 2-Methylnaphthalene	5.893	142	13004	0.956	ug/ml	97
42) 1-Methylnaphthalene	5.987	115	4686	0.940	ug/ml	91
43) Hexachlorocyclopentadiene	6.063	237	5253	0.900	ug/ml	98
44) 2,4,6-Trichlorophenol	6.181	196	4946	0.869	ug/ml	99
45) 2,4,5-Trichlorophenol	6.210	196	5117	0.843	ug/ml	98
47) 2-Chloronaphthalene	6.357	162	15564	0.978	ug/ml	92
48) 2-Nitroaniline	6.469	138	3176	0.772	ug/ml	92
49) 1,4-Dinitrobenzene	6.598	168	1430	0.743	ug/ml	94
50) 1,3-Dinitrobenzene	6.675	168	1664	0.714	ug/ml	96
51) Dimethyl phthalate	6.669	163	19910	0.940	ug/ml	99
52) Acenaphthylene	6.751	152	25052	0.965	ug/ml	99
53) 2,6-Dinitrotoluene	6.710	165	2873	0.743	ug/ml	93
54) 1,2-Dinitrobenzene	6.751	168	1201	0.755	ug/ml#	1
64) 3-Nitroaniline	6.863	138	2873	0.711	ug/ml#	87
65) Acenaphthene	6.922	154	13905	0.997	ug/ml	96
66) 2,4-Dinitrophenol	6.969	184	1248	0.681	ug/ml#	54
67) Dibenzofuran	7.093	168	25206	1.048	ug/ml	91
68) 2,4-Dinitrotoluene	7.098	165	3858	0.757	ug/ml	97
69) 4-Nitrophenol	7.063	65	2474	0.817	ug/ml	99
70) 2,3,5,6-Tetrachlorophenol	7.187	232	4795	0.891	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL4.D
Acq On : 07 Feb 2026 02:25 am
Operator : SV112:cmm
Sample : IL7,32,,ABNL1 Lot # 12064
Misc : WG2174122,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 09 11:24:53 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	7.228	232	4794	0.896	ug/ml	95
72) Diethyl phthalate	7.357	149	20078	0.956	ug/ml	96
73) Fluorene	7.422	166	19439	0.988	ug/ml	95
74) 4-Chlorophenyl phenyl ...	7.446	204	10325	1.055	ug/ml#	79
75) 4-Nitroaniline	7.451	138	3088	0.748	ug/ml	83
76) 4,6-Dinitro-o-cresol	7.487	198	1923	0.737	ug/ml#	77
77) NDPA/DPA	7.557	169	16788	0.989	ug/ml	94
78) Azobenzene	7.593	77	18033	1.000	ug/ml	95
80) 4-Bromophenyl phenyl e...	7.910	248	6542	0.972	ug/ml#	80
81) Hexachlorobenzene	7.963	284	8413	1.040	ug/ml#	82
82) Pentachlorophenol	8.157	266	3700	0.787	ug/ml	97
89) Phenanthrene	8.345	178	32767	0.996	ug/ml	99
90) Anthracene	8.393	178	32886	0.970	ug/ml	99
91) Carbazole	8.563	167	31019	0.970	ug/ml	98
92) Di-n-butylphthalate	8.951	149	32296	0.849	ug/ml	100
93) Fluoranthene	9.498	202	40781	0.966	ug/ml#	94
94) Benzidine	9.651	184	24059	0.861	ug/ml#	96
95) Pyrene	9.716	202	43822	0.997	ug/ml	99
97) Butyl benzyl phthalate	10.428	149	11265	0.727	ug/ml	98
105) Benzo(a)anthracene	10.945	228	46253	0.980	ug/ml	100
106) 3,3'-Dichlorobenzidine	10.945	252	17016	0.864	ug/ml#	96
107) Chrysene	10.981	228	43835	1.012	ug/ml	100
108) Bis(2-ethylhexyl)phtha...	11.063	149	19775	0.767	ug/ml#	98
109) Di-n-octylphthalate	11.739	149	33071	0.740	ug/ml#	97
110) Benzo(b)fluoranthene	12.045	252	46555	0.918	ug/ml#	96
111) Benzo(k)fluoranthene	12.075	252	47066M3	1.046	ug/ml	
112) Benzo(a)pyrene	12.357	252	44859	0.970	ug/ml#	94
114) Indeno(1,2,3-cd)pyrene	13.386	276	48517M6	0.976	ug/mL	
115) Dibenzo(a,h)anthracene	13.410	278	45974	0.968	ug/ml#	90
116) Benzo(ghi)perylene	13.628	276	44853	0.968	ug/ml#	90

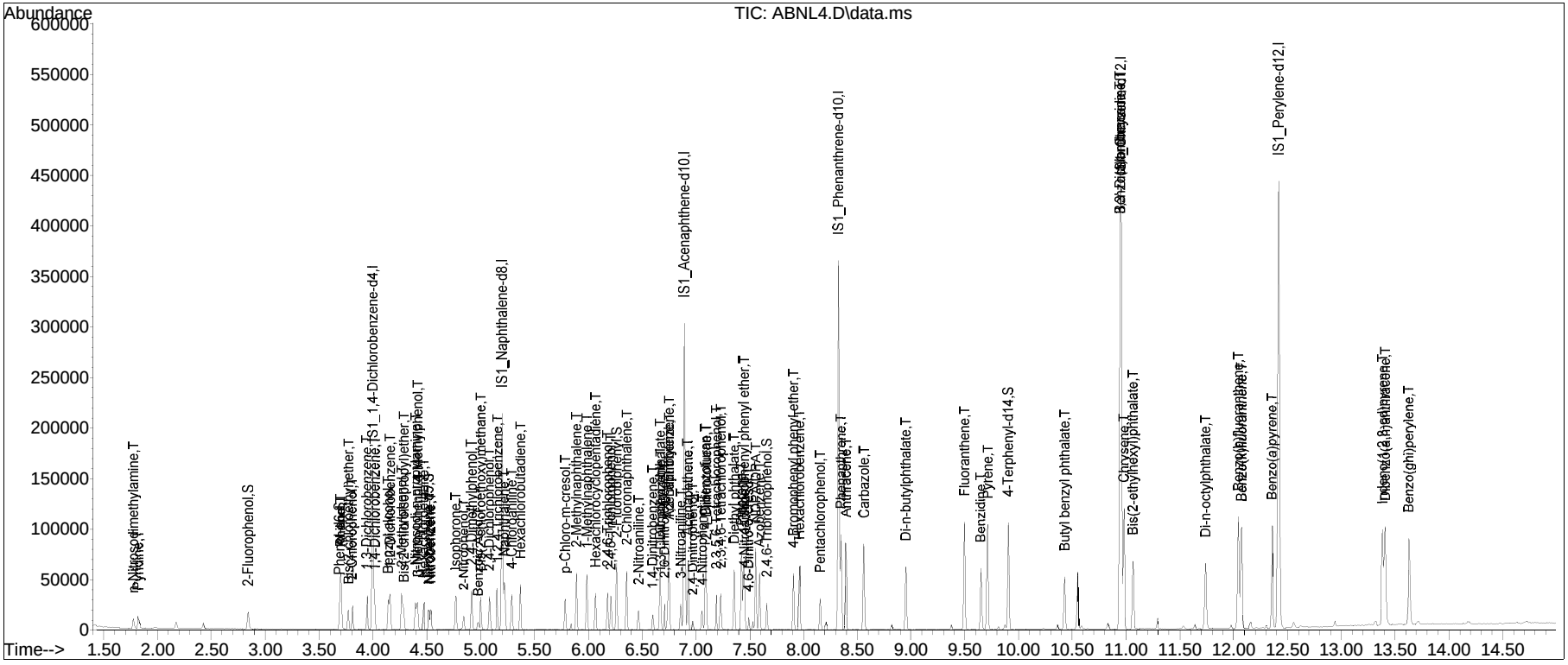
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL4.D
Acq On : 07 Feb 2026 02:25 am
Operator : SV112:cmm
Sample : IL7,32,,ABNL1 Lot # 12064
Misc : WG2174122,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 09 11:24:53 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

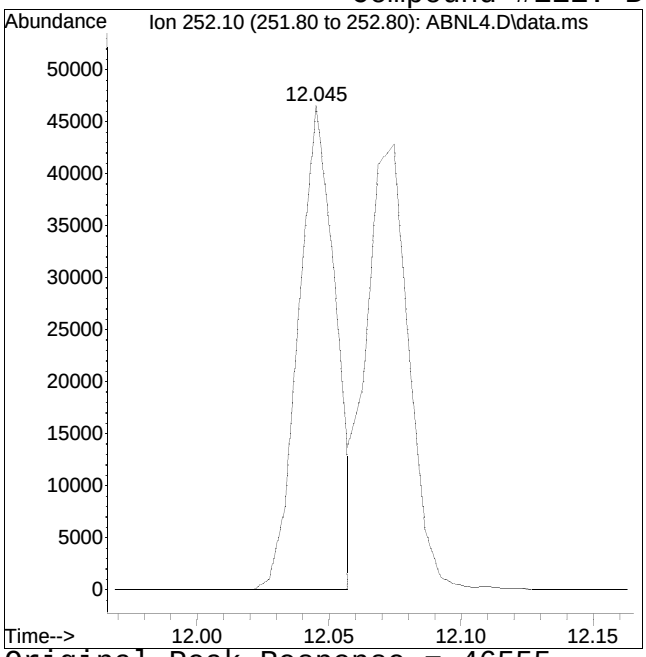
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

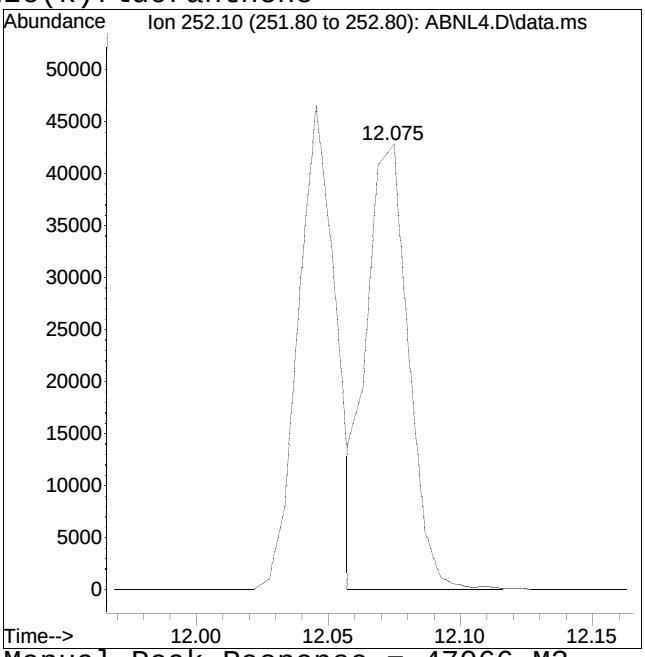


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL4.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:25 am Instrument : SV112
Sample : IL7,32,,ABNL1 Lot # 12064 Quant Date : 2/9/2026 11:15 am

Compound #111: Benzo(k)fluoranthene





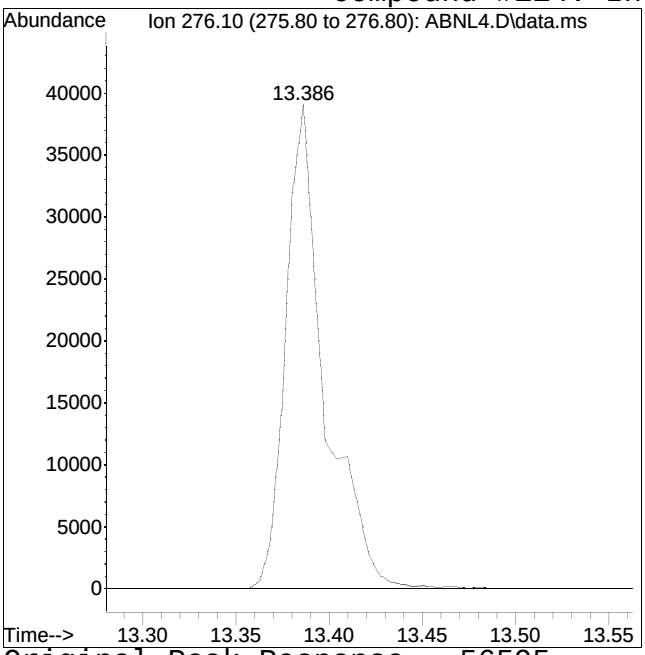
Original Peak Response = 46555 Manual Peak Response = 47066 M3

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.

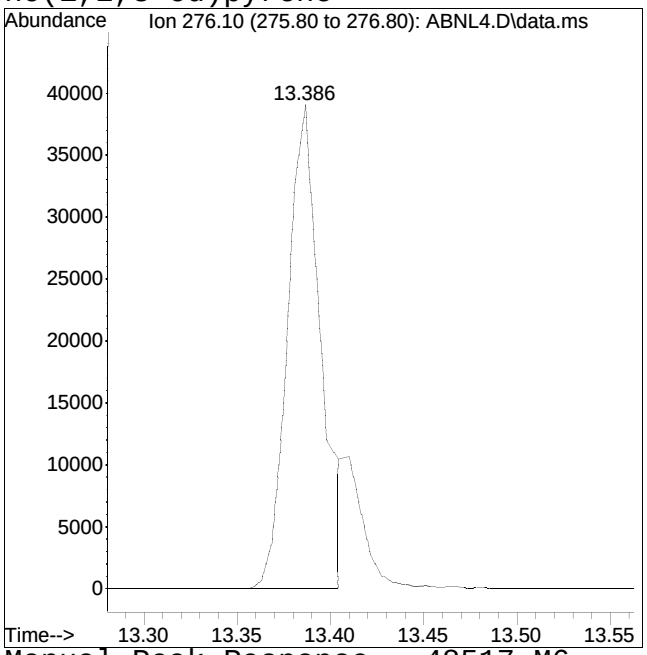
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL4.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:25 am Instrument : SV112
Sample : IL7,32,,ABNL1 Lot # 12064 Quant Date : 2/9/2026 11:15 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 56595



Manual Peak Response = 48517 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL2.D
Acq On : 07 Feb 2026 02:44 am
Operator : SV112:cmm
Sample : IL9,32,,ABNL0.2 Lot # 12066
Misc : WG2174122,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 09 11:23:09 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	3.999	152	22800	4.000 ug/ml	0.00
Standard Area 1 = 27225			Recovery = 83.75%		
35) IS1_Naphthalene-d8	5.199	136	83265	4.000 ug/ml	0.00
Standard Area 1 = 107415			Recovery = 77.52%		
63) IS1_Acenaphthene-d10	6.893	164	53164	4.000 ug/ml	0.00
Standard Area 1 = 71791			Recovery = 74.05%		
88) IS1_Phenanthrene-d10	8.322	188	125926	4.000 ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 75.33%		
104) IS1_Chrysene-d12	10.951	240	151352	4.000 ug/ml	# 0.00
Standard Area 1 = 194211			Recovery = 77.93%		
113) IS1_Perylene-d12	12.416	264	171546	4.000 ug/ml	0.00
Standard Area 1 = 220869			Recovery = 77.67%		
System Monitoring Compounds					
4) 2-Fluorophenol	2.846	112	1085	0.192 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 9.60%#		
7) Phenol-d6	3.693	99	1426	0.180 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 9.00%#		
19) Nitrobenzene-d5	4.522	82	1146	0.168 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 16.80%#		
46) 2-Fluorobiphenyl	6.263	172	4084	0.216 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 21.60%#		
79) 2,4,6-Tribromophenol	7.657	330	568	0.160 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 8.00%#		
96) 4-Terphenyl-d14	9.904	244	7028	0.212 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 21.20%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.781	74	725	0.170 ug/ml#	65
3) Pyridine	1.834	79	1146	0.179 ug/ml#	77
5) Aniline	3.699	93	2112	0.190 ug/ml#	60
6) 2-Chlorophenol	3.810	128	1370	0.199 ug/ml#	70
8) Phenol	3.699	94	1635	0.175 ug/ml#	43
9) Bis(2-chloroethyl)ether	3.769	93	1322	0.198 ug/ml#	84
10) 1,3-Dichlorobenzene	3.946	146	1770	0.217 ug/ml	94
11) 1,4-Dichlorobenzene	4.016	146	1756	0.209 ug/ml	92
12) 1,2-Dichlorobenzene	4.157	146	1655	0.208 ug/ml	95

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL2.D
Acq On : 07 Feb 2026 02:44 am
Operator : SV112:cmm
Sample : IL9,32,,ABNL0.2 Lot # 12066
Misc : WG2174122,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 09 11:23:09 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.146	79	981	0.164	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.281	45	1915	0.194	ug/ml#	45
15) 2-Methylphenol	4.263	108	1128	0.178	ug/ml#	84
16) Hexachloroethane	4.469	117	614	0.203	ug/ml#	58
17) n-Nitrosodi-n-propylamine	4.399	70	905	0.164	ug/ml#	62
18) 3-Methylphenol/4-Methy...	4.416	108	1174	0.173	ug/ml#	85
20) Nitrobenzene	4.540	77	1269	0.174	ug/ml#	85
21) Isophorone	4.775	82	2865	0.185	ug/ml#	67
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	4.916	107	1275	0.176	ug/ml	97
24) Bis(2-chloroethoxy)met...	4.999	93	1719	0.182	ug/ml#	91
25) 2,4-Dichlorophenol	5.081	162	1181	0.167	ug/ml#	74
26) 1,2,4-Trichlorobenzene	5.157	180	1713	0.207	ug/ml#	83
36) Naphthalene	5.222	128	4349	0.213	ug/ml	99
37) Benzoic Acid	0.000		0	N.D.		
38) 4-Chloroaniline	5.287	65	514	0.188	ug/ml	98
39) Hexachlorobutadiene	5.369	225	1085	0.221	ug/ml	94
40) p-Chloro-m-cresol	5.787	107	1083	0.168	ug/ml#	77
41) 2-Methylnaphthalene	5.893	142	2922	0.212	ug/ml	95
42) 1-Methylnaphthalene	5.987	115	992	0.197	ug/ml	91
43) Hexachlorocyclopentadiene	6.063	237	1015	0.172	ug/ml#	88
44) 2,4,6-Trichlorophenol	6.181	196	978	0.170	ug/ml#	86
45) 2,4,5-Trichlorophenol	6.216	196	1047	0.171	ug/ml#	84
47) 2-Chloronaphthalene	6.357	162	3359	0.209	ug/ml	91
48) 2-Nitroaniline	6.469	138	544	0.131	ug/ml#	58
49) 1,4-Dinitrobenzene	0.000		0	N.D.		
50) 1,3-Dinitrobenzene	0.000		0	N.D.		
51) Dimethyl phthalate	6.669	163	4313	0.201	ug/ml#	77
52) Acenaphthylene	6.751	152	5377	0.205	ug/ml	99
53) 2,6-Dinitrotoluene	6.710	165	505	0.129	ug/ml#	19
54) 1,2-Dinitrobenzene	0.000		0	N.D.		
64) 3-Nitroaniline	6.863	138	595	0.149	ug/ml#	60
65) Acenaphthene	6.922	154	2931	0.212	ug/ml	93
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	7.093	168	5347	0.225	ug/ml	91
68) 2,4-Dinitrotoluene	7.098	165	731	0.145	ug/ml	97
69) 4-Nitrophenol	7.063	65	352M3	0.117	ug/ml	
70) 2,3,5,6-Tetrachlorophenol	7.187	232	897	0.168	ug/ml#	70

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL2.D
Acq On : 07 Feb 2026 02:44 am
Operator : SV112:cmm
Sample : IL9,32,,ABNL0.2 Lot # 12066
Misc : WG2174122,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 09 11:23:09 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	7.228	232	854	0.161	ug/ml#	71
72)	Diethyl phthalate	7.357	149	4128	0.199	ug/ml#	85
73)	Fluorene	7.422	166	4027	0.207	ug/ml	94
74)	4-Chlorophenyl phenyl ...	7.446	204	2079	0.214	ug/ml#	83
75)	4-Nitroaniline	7.451	138	529	0.129	ug/ml#	61
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.		
77)	NDPA/DPA	7.557	169	3458	0.206	ug/ml	92
78)	Azobenzene	7.593	77	3410	0.191	ug/ml#	91
80)	4-Bromophenyl phenyl e...	7.910	248	1357	0.204	ug/ml#	80
81)	Hexachlorobenzene	7.963	284	1837	0.229	ug/ml#	81
82)	Pentachlorophenol	8.157	266	723	0.155	ug/ml#	18
89)	Phenanthrene	8.345	178	6930	0.215	ug/ml	97
90)	Anthracene	8.393	178	6679	0.201	ug/ml	98
91)	Carbazole	8.563	167	6373	0.203	ug/ml	97
92)	Di-n-butylphthalate	8.951	149	6663	0.179	ug/ml#	93
93)	Fluoranthene	9.498	202	8411	0.203	ug/ml#	94
94)	Benzidine	9.651	184	4482	0.164	ug/ml#	87
95)	Pyrene	9.710	202	9136	0.212	ug/ml	98
97)	Butyl benzyl phthalate	10.428	149	2189	0.144	ug/ml#	92
105)	Benzo(a)anthracene	10.945	228	9961	0.211	ug/ml	99
106)	3,3'-Dichlorobenzidine	10.945	252	3529	0.179	ug/ml	99
107)	Chrysene	10.981	228	9560	0.221	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.063	149	3749	0.146	ug/ml#	98
109)	Di-n-octylphthalate	11.739	149	6107	0.137	ug/ml#	92
110)	Benzo(b)fluoranthene	12.045	252	9853	0.194	ug/ml#	96
111)	Benzo(k)fluoranthene	12.069	252	9966M3	0.222	ug/ml	
112)	Benzo(a)pyrene	12.357	252	9304	0.201	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	13.381	276	10103M6	0.204	ug/mL	
115)	Dibenzo(a,h)anthracene	13.404	278	9557	0.202	ug/ml#	90
116)	Benzo(ghi)perylene	13.628	276	9312	0.202	ug/ml#	91

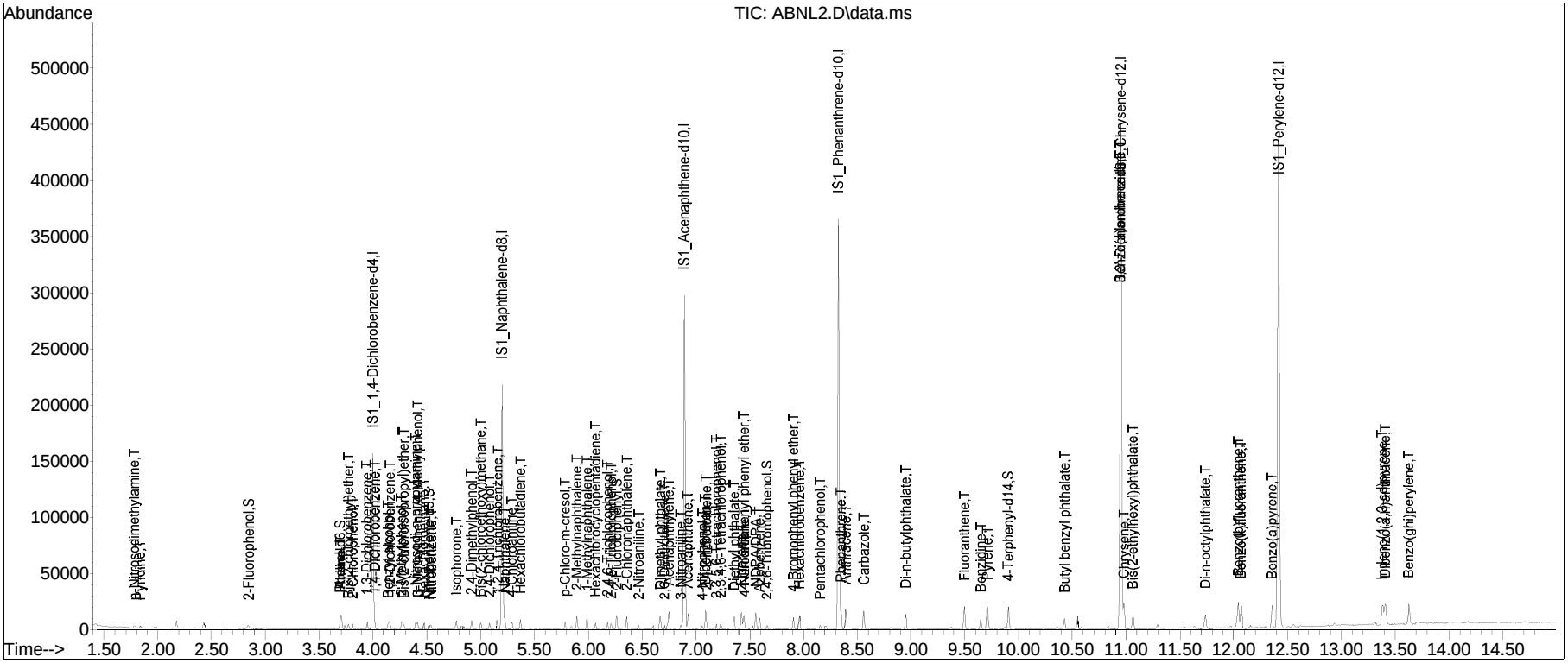
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL2.D
Acq On : 07 Feb 2026 02:44 am
Operator : SV112:cmm
Sample : IL9,32,,ABNL0.2 Lot # 12066
Misc : WG2174122,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 09 11:23:09 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

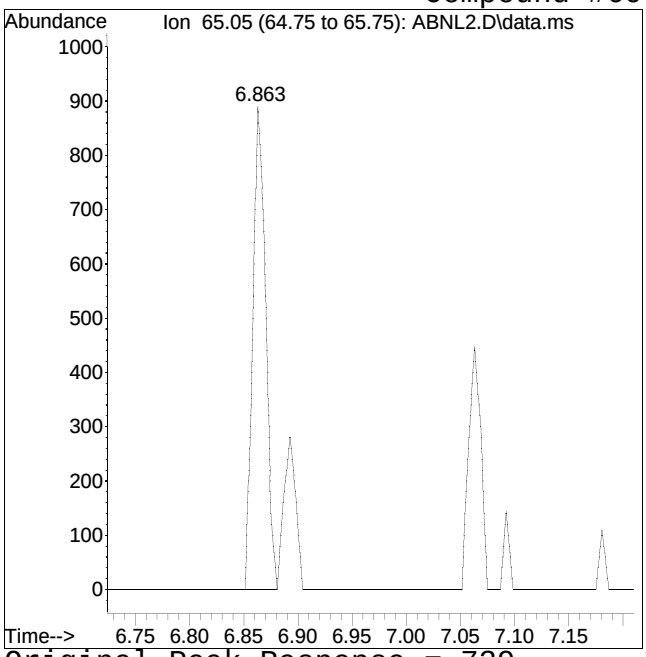
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

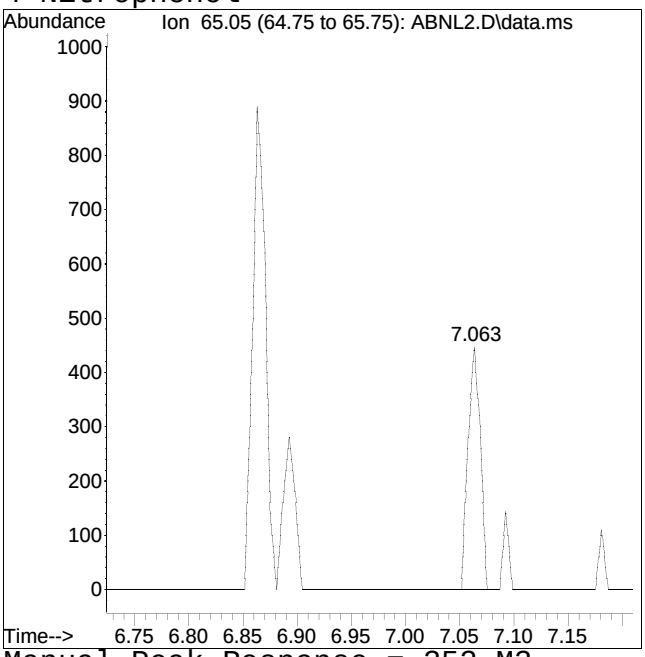


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL2.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:44 am Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #69: 4-Nitrophenol





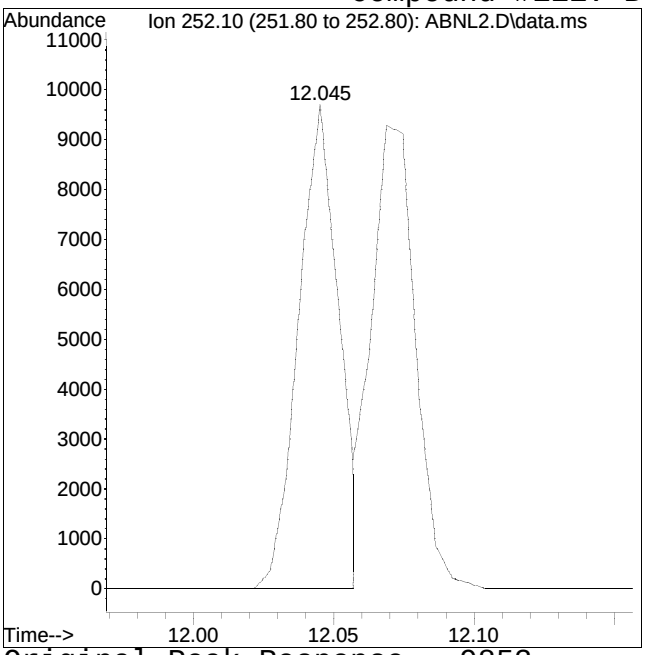
Original Peak Response = 739 Manual Peak Response = 352 M3

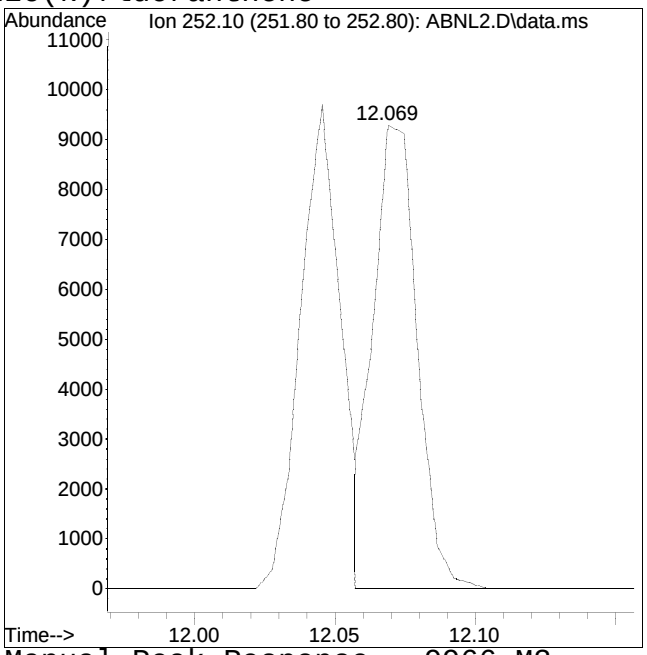
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL2.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:44 am Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #111: Benzo(k)fluoranthene



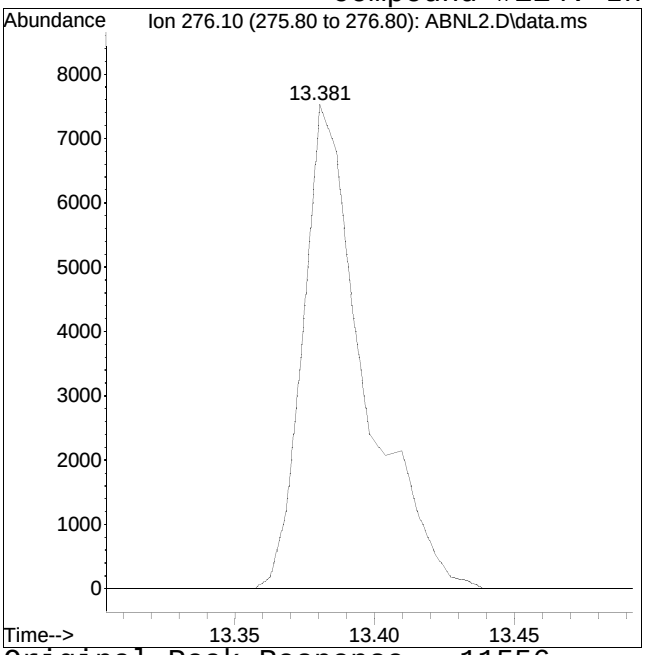


Original Peak Response = 9853 Manual Peak Response = 9966 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

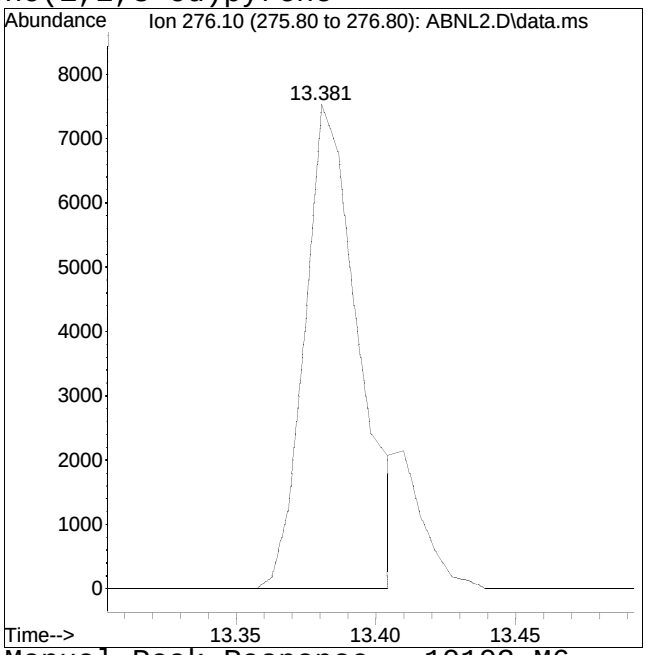
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL2.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 2:44 am Instrument : SV112
Sample : IL9,32,,ABNL0.2 Lot # 1206Quant Date : 2/9/2026 11:15 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 11556



Manual Peak Response = 10103 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL1.D
Acq On : 07 Feb 2026 03:03 am
Operator : SV112:cmm
Sample : IL10,32,,ABNL0.1 Lot # 12067
Misc : WG2174122,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 09 11:21:40 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	3.999	152	20925	4.000 ug/ml	0.00
Standard Area 1 = 27225			Recovery = 76.86%		
35) IS1_Naphthalene-d8	5.199	136	77857	4.000 ug/ml	0.00
Standard Area 1 = 107415			Recovery = 72.48%		
63) IS1_Acenaphthene-d10	6.893	164	49700	4.000 ug/ml	0.00
Standard Area 1 = 71791			Recovery = 69.23%		
88) IS1_Phenanthrene-d10	8.322	188	117347	4.000 ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 70.19%		
104) IS1_Chrysene-d12	10.951	240	142964	4.000 ug/ml	# 0.00
Standard Area 1 = 194211			Recovery = 73.61%		
113) IS1_Perylene-d12	12.416	264	165032	4.000 ug/ml	0.00
Standard Area 1 = 220869			Recovery = 74.72%		
System Monitoring Compounds					
4) 2-Fluorophenol	2.840	112	556	0.107 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 5.35%#		
7) Phenol-d6	3.693	99	635	0.087 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 4.35%#		
19) Nitrobenzene-d5	4.522	82	622	0.100 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 10.00%#		
46) 2-Fluorobiphenyl	6.263	172	1914	0.108 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 10.80%#		
79) 2,4,6-Tribromophenol	0.000	330	0	0.000 ug/ml	
Spiked Amount 2.000	Range 15 - 110		Recovery = 0.00%#		
96) 4-Terphenyl-d14	9.904	244	3597	0.117 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 11.70%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.781	74	270M2	0.069 ug/ml	
3) Pyridine	1.840	79	493M2	0.084 ug/ml	
5) Aniline	3.699	93	976	0.096 ug/ml#	56
6) 2-Chlorophenol	3.810	128	657	0.104 ug/ml#	34
8) Phenol	3.699	94	771	0.090 ug/ml#	37
9) Bis(2-chloroethyl)ether	3.769	93	605	0.099 ug/ml#	83
10) 1,3-Dichlorobenzene	3.946	146	759	0.101 ug/ml#	24
11) 1,4-Dichlorobenzene	4.016	146	858	0.111 ug/ml#	24
12) 1,2-Dichlorobenzene	4.157	146	755	0.103 ug/ml#	24

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL1.D
Acq On : 07 Feb 2026 03:03 am
Operator : SV112:cmm
Sample : IL10,32,,ABNL0.1 Lot # 12067
Misc : WG2174122,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 09 11:21:40 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
13) Benzyl alcohol	4.146	79	513	0.093 ug/ml#	13
14) Bis(2-chloroisopropyl)...	4.281	45	897	0.099 ug/ml#	62
15) 2-Methylphenol	4.263	108	490M3	0.084 ug/ml	
16) Hexachloroethane	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	4.399	70	395M2	0.078 ug/ml	
18) 3-Methylphenol/4-Methy...	4.416	108	508	0.082 ug/ml#	79
20) Nitrobenzene	4.540	77	530	0.079 ug/ml#	38
21) Isophorone	4.775	82	1256	0.088 ug/ml#	67
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	4.916	107	581	0.087 ug/ml#	71
24) Bis(2-chloroethoxy)met...	4.999	93	757	0.087 ug/ml#	50
25) 2,4-Dichlorophenol	5.081	162	543	0.084 ug/ml#	25
26) 1,2,4-Trichlorobenzene	5.157	180	808	0.107 ug/ml#	78
36) Naphthalene	5.216	128	2051	0.107 ug/ml#	51
37) Benzoic Acid	0.000		0	N.D.	
38) 4-Chloroaniline	0.000		0	N.D.	
39) Hexachlorobutadiene	0.000		0	N.D.	
40) p-Chloro-m-cresol	5.787	107	503	0.083 ug/ml#	19
41) 2-Methylnaphthalene	5.893	142	1356	0.105 ug/ml#	75
42) 1-Methylnaphthalene	5.987	115	463M2	0.098 ug/ml	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
47) 2-Chloronaphthalene	6.357	162	1489	0.099 ug/ml#	61
48) 2-Nitroaniline	0.000		0	N.D.	
49) 1,4-Dinitrobenzene	0.000		0	N.D.	
50) 1,3-Dinitrobenzene	0.000		0	N.D.	
51) Dimethyl phthalate	6.669	163	1870	0.093 ug/ml#	77
52) Acenaphthylene	6.751	152	2465	0.100 ug/ml#	61
53) 2,6-Dinitrotoluene	0.000		0	N.D. d	
54) 1,2-Dinitrobenzene	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	
65) Acenaphthene	6.922	154	1441	0.112 ug/ml	98
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	7.093	168	2448	0.110 ug/ml	92
68) 2,4-Dinitrotoluene	0.000		0	N.D. d	
69) 4-Nitrophenol	0.000		0	N.D.	
70) 2,3,5,6-Tetrachlorophenol	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL1.D
Acq On : 07 Feb 2026 03:03 am
Operator : SV112:cmm
Sample : IL10,32,,ABNL0.1 Lot # 12067
Misc : WG2174122,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 09 11:21:40 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.	
72) Diethyl phthalate	7.357	149	1969	0.101 ug/ml#	62
73) Fluorene	7.422	166	1987	0.109 ug/ml#	88
74) 4-Chlorophenyl phenyl ...	7.446	204	1006	0.111 ug/ml#	64
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	7.557	169	1662	0.106 ug/ml	96
78) Azobenzene	7.593	77	1622	0.097 ug/ml#	55
80) 4-Bromophenyl phenyl e...	7.910	248	689	0.111 ug/ml#	52
81) Hexachlorobenzene	7.963	284	829	0.111 ug/ml#	35
82) Pentachlorophenol	0.000		0	N.D.	
89) Phenanthrene	8.345	178	3340	0.111 ug/ml	96
90) Anthracene	8.393	178	3427M3	0.111 ug/ml	
91) Carbazole	8.563	167	3059	0.105 ug/ml#	86
92) Di-n-butylphthalate	8.951	149	2982	0.086 ug/ml#	78
93) Fluoranthene	9.498	202	4172	0.108 ug/ml#	84
94) Benzidine	9.651	184	2188	0.086 ug/ml#	68
95) Pyrene	9.716	202	4527	0.113 ug/ml	99
97) Butyl benzyl phthalate	10.428	149	1041	0.074 ug/ml#	91
105) Benzo(a)anthracene	10.945	228	5381	0.121 ug/ml	96
106) 3,3'-Dichlorobenzidine	10.945	252	1685	0.091 ug/ml#	86
107) Chrysene	10.981	228	5090	0.125 ug/ml	97
108) Bis(2-ethylhexyl)phtha...	11.069	149	1844	0.076 ug/ml#	56
109) Di-n-octylphthalate	11.739	149	3074	0.073 ug/ml#	75
110) Benzo(b)fluoranthene	12.045	252	5270	0.110 ug/ml#	83
111) Benzo(k)fluoranthene	12.075	252	5246M3	0.124 ug/ml	
112) Benzo(a)pyrene	12.357	252	4783	0.110 ug/ml#	83
114) Indeno(1,2,3-cd)pyrene	13.386	276	5212M6	0.109 ug/mL	
115) Dibenzo(a,h)anthracene	13.410	278	4966	0.109 ug/ml#	91
116) Benzo(ghi)perylene	13.628	276	5126	0.116 ug/ml#	90

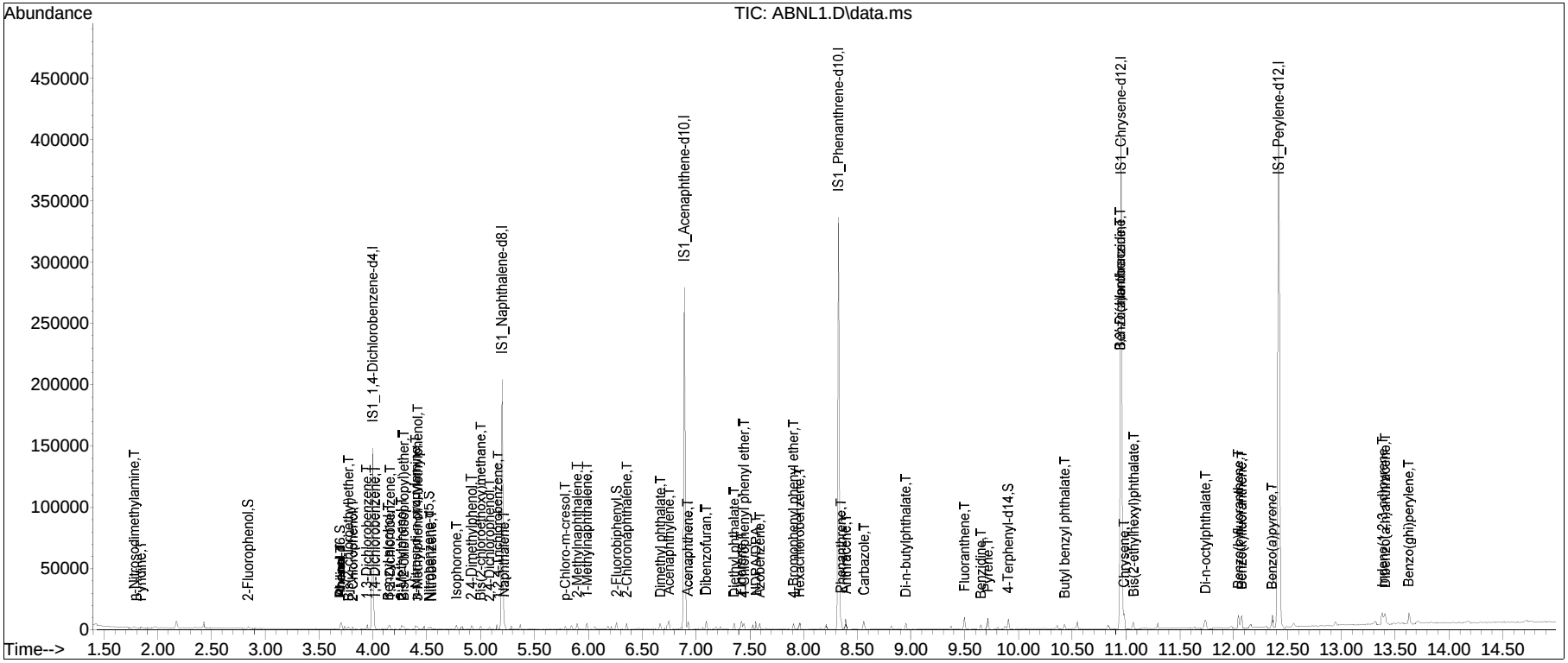
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNL1.D
Acq On : 07 Feb 2026 03:03 am
Operator : SV112:cmm
Sample : IL10,32,,ABNL0.1 Lot # 12067
Misc : WG2174122,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 09 11:21:40 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

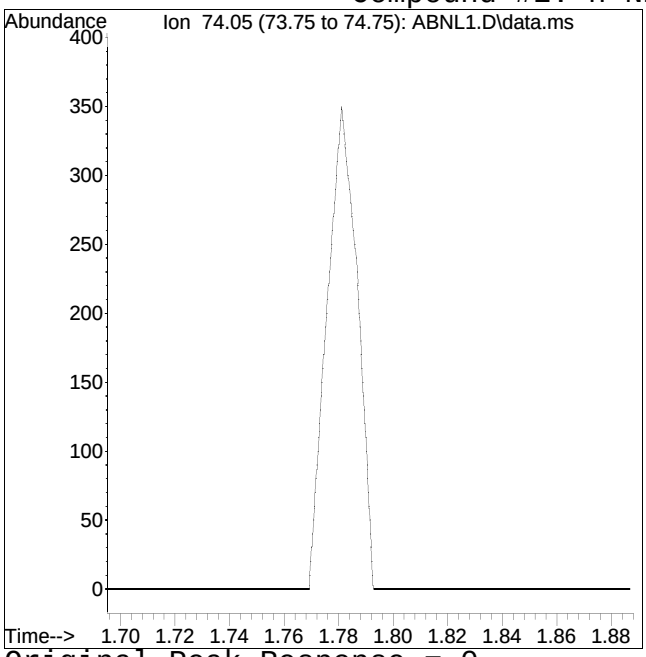
Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•



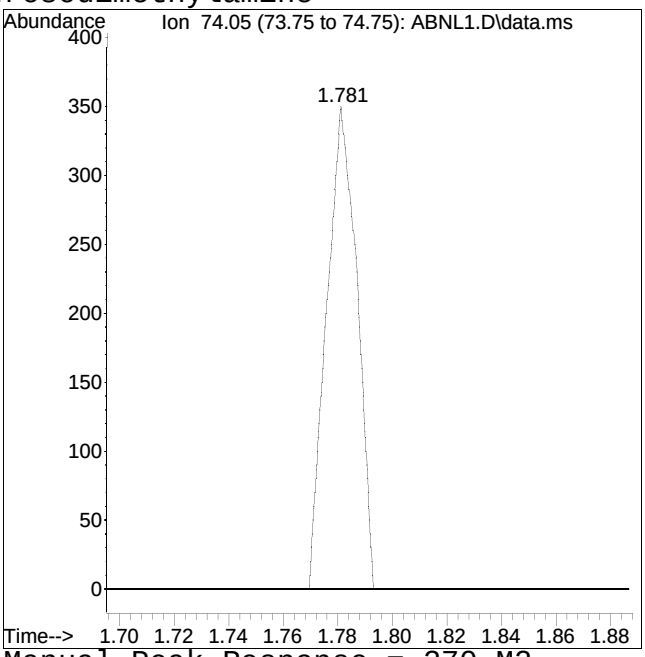
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL1.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 3:03 am Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot # 120Quant Date : 2/9/2026 11:15 am

Compound #2: n-Nitrosodimethylamine



Original Peak Response = 0



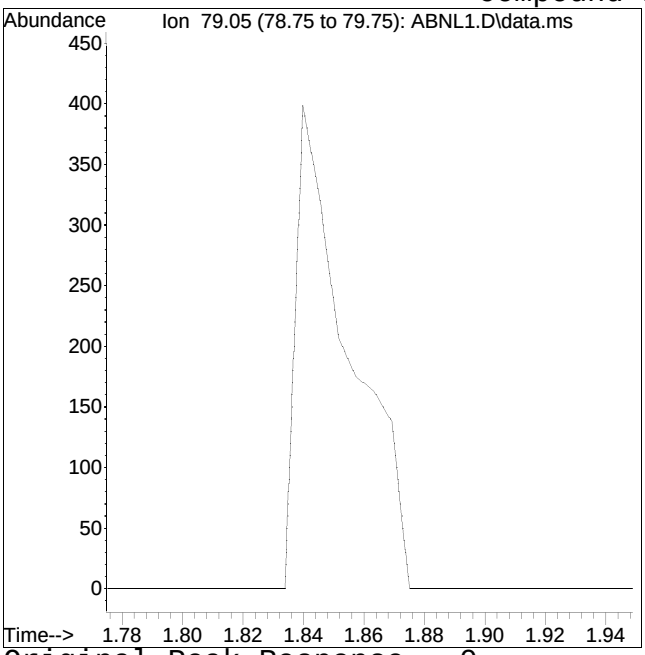
Manual Peak Response = 270 M2

M2 = Peak not found by automatic integration algorithm.

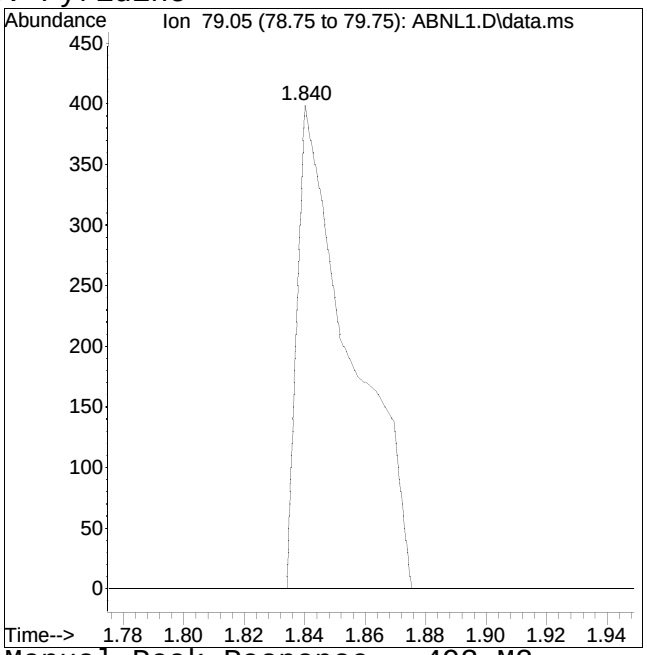
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNL1.D
Date Inj'd : 2/7/2026 3:03 am
Sample : IL10,32,,ABNL0.1 Lot # 120
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:15 am

Compound #3: Pyridine



Original Peak Response = 0



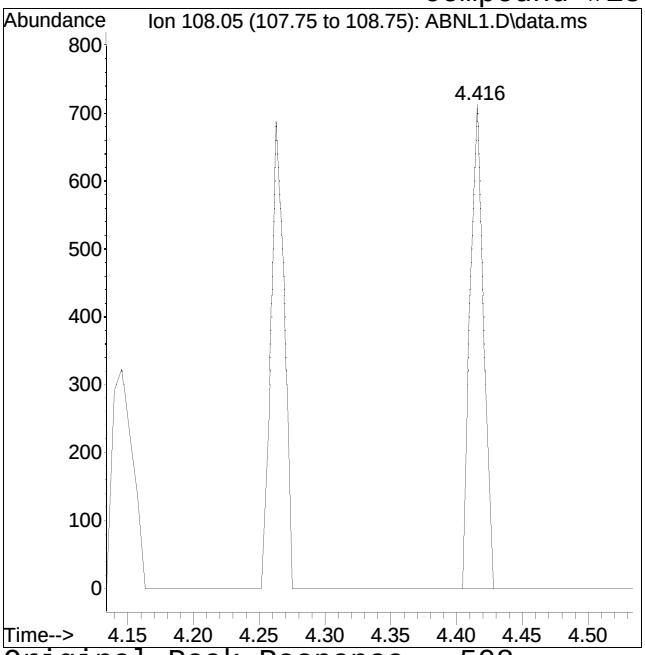
Manual Peak Response = 493 M2

M2 = Peak not found by automatic integration algorithm.

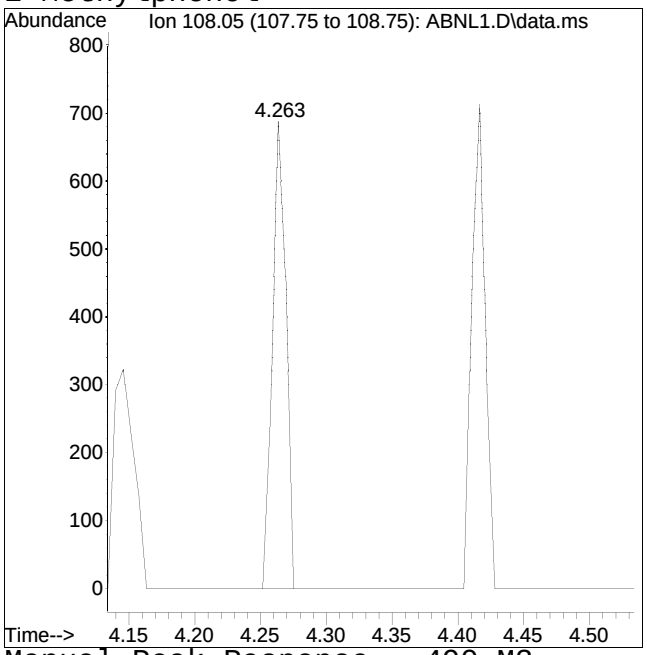
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNL1.D
Date Inj'd : 2/7/2026 3:03 am
Sample : IL10,32,,ABNL0.1 Lot # 120
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:15 am

Compound #15: 2-Methylphenol



Original Peak Response = 508



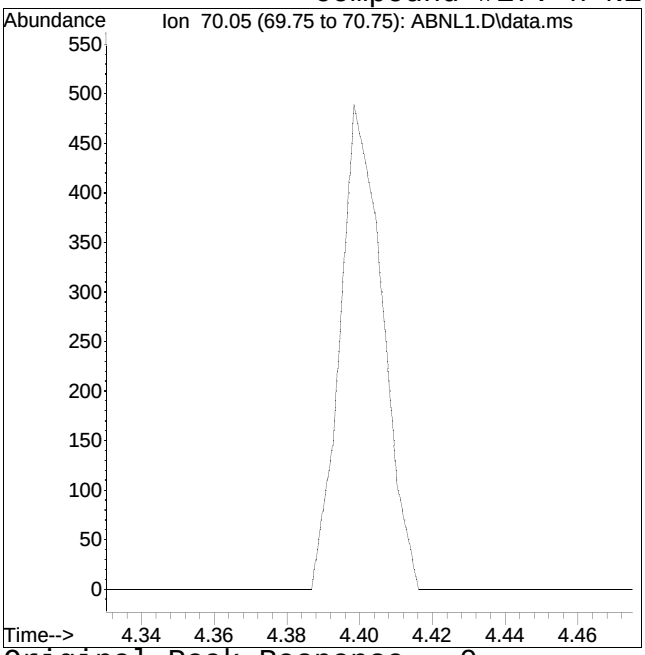
Manual Peak Response = 490 M3

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.

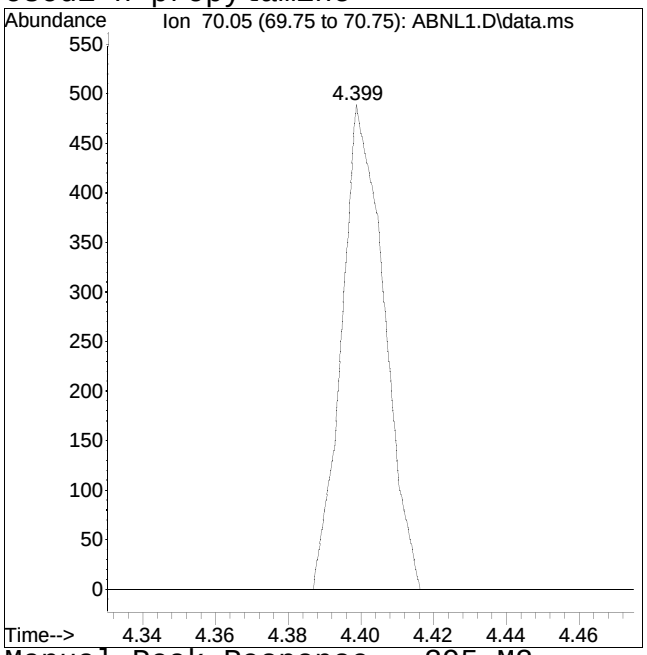
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL1.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 3:03 am Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot # 120Quant Date : 2/9/2026 11:15 am

Compound #17: n-Nitrosodi-n-propylamine



Original Peak Response = 0



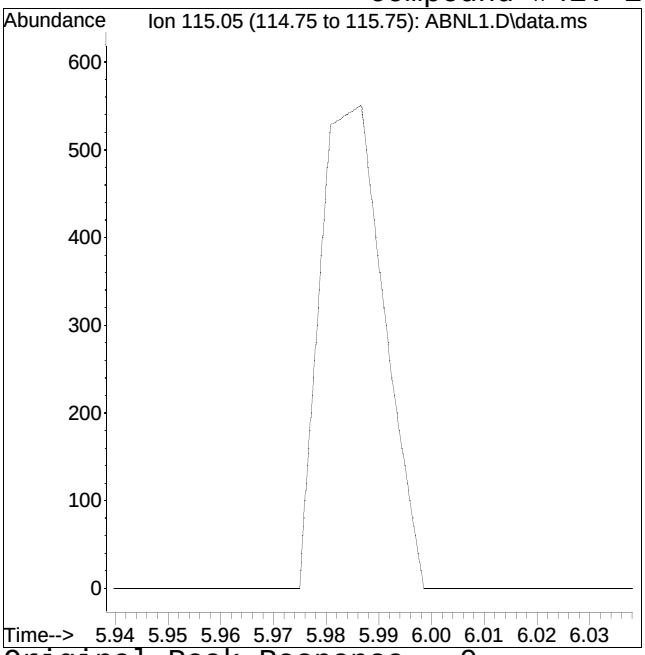
Manual Peak Response = 395 M2

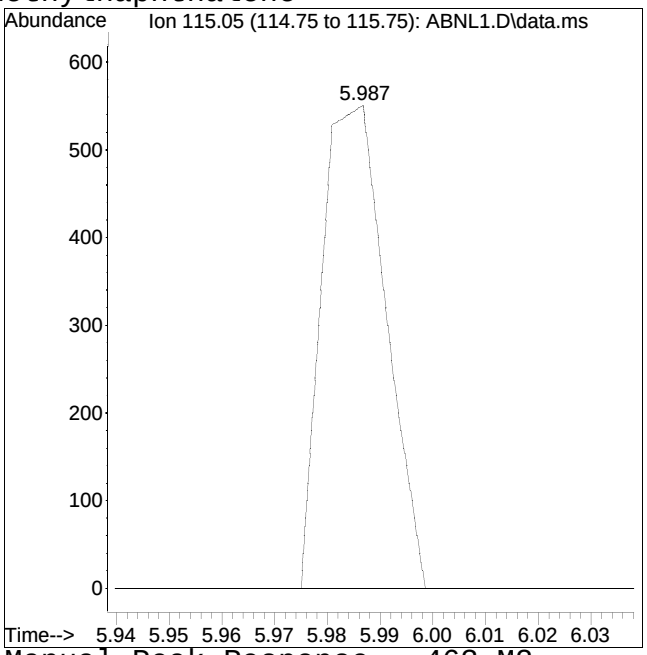
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNL1.D
Date Inj'd : 2/7/2026 3:03 am
Sample : IL10,32,,ABNL0.1 Lot # 120
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:15 am

Compound #42: 1-Methylnaphthalene



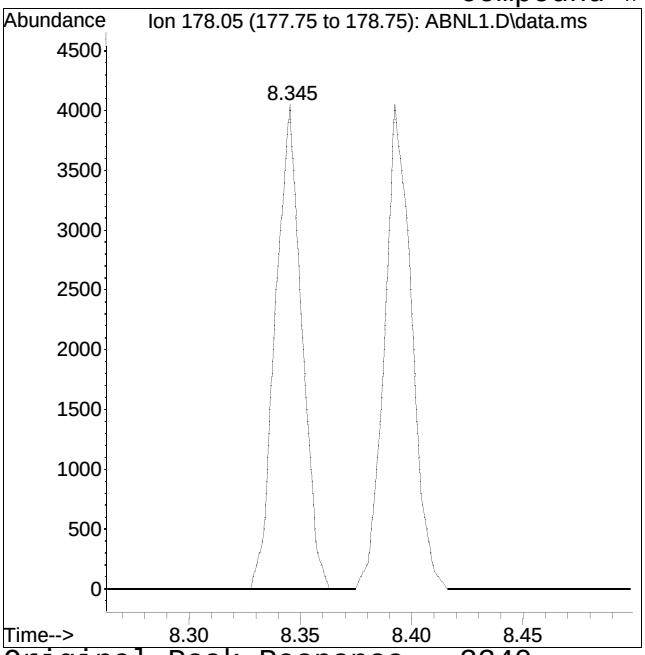


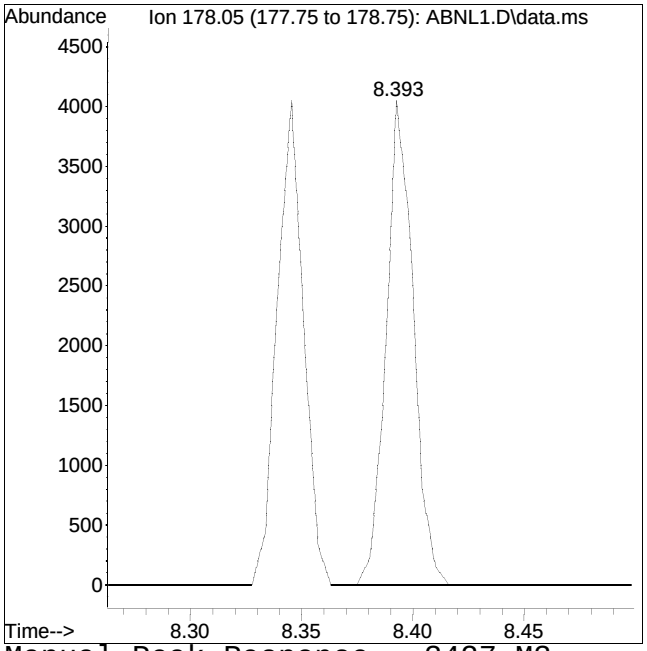
Original Peak Response = 0
Manual Peak Response = 463 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNL1.D
Date Inj'd : 2/7/2026 3:03 am
Sample : IL10,32,,ABNL0.1 Lot # 120
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:15 am

Compound #90: Anthracene





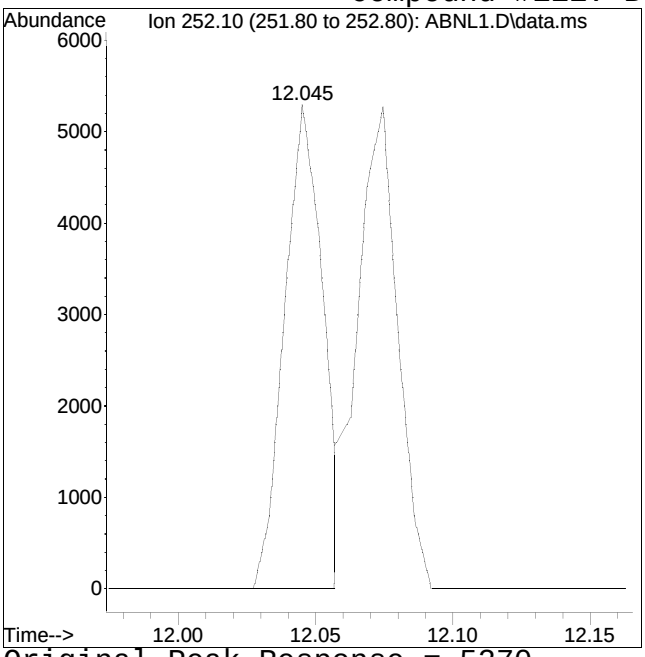
Original Peak Response = 3340 Manual Peak Response = 3427 M3

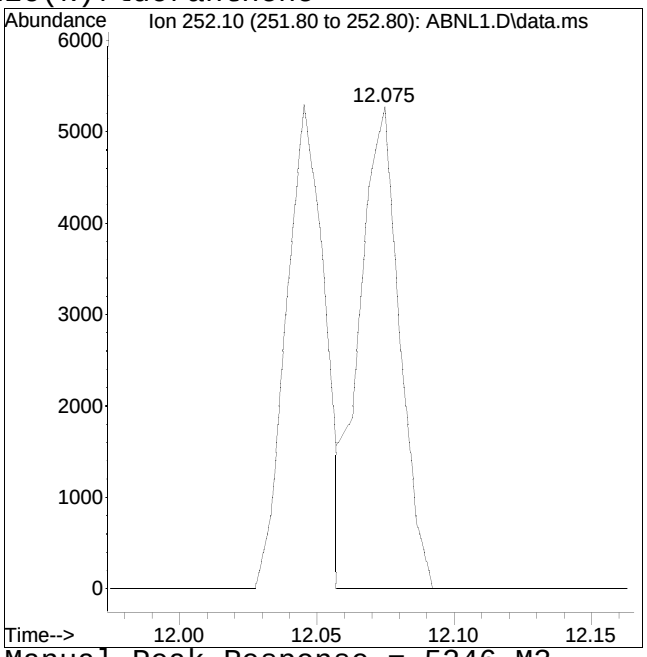
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNL1.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 3:03 am Instrument : SV112
Sample : IL10,32,,ABNL0.1 Lot # 120Quant Date : 2/9/2026 11:15 am

Compound #111: Benzo(k)fluoranthene



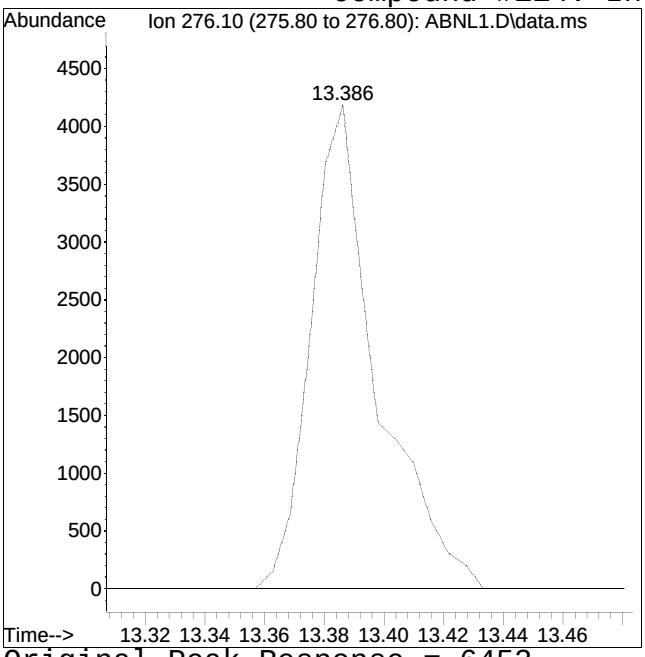


Original Peak Response = 5270 Manual Peak Response = 5246 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

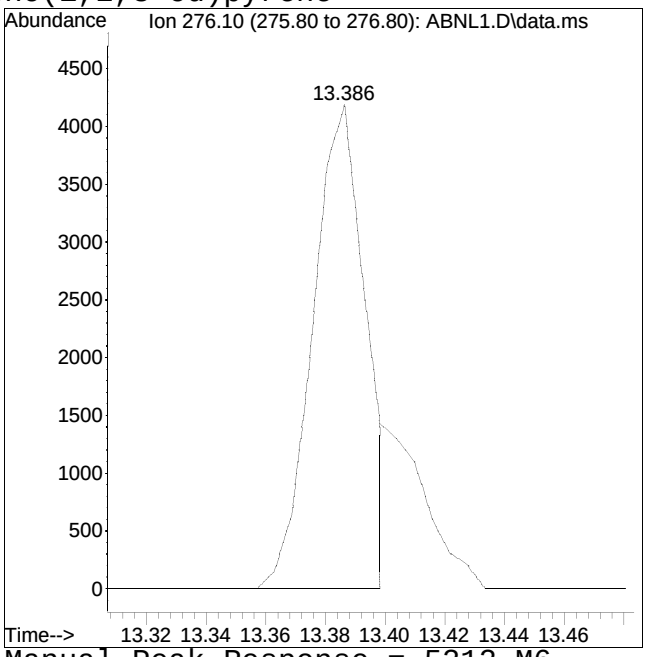
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNL1.D
Date Inj'd : 2/7/2026 3:03 am
Sample : IL10,32,,ABNL0.1 Lot # 120
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:15 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 6452



Manual Peak Response = 5212 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L9.D
Acq On : 07 Feb 2026 03:22 am
Operator : SV112:cmm
Sample : IL2,32,,AP9L50 Lot # 12068
Misc : WG2174122,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 09 11:42:55 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	26741	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery =	133.13%		
55) IS2_Naphthalene-d8	5.199	136	104794	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery =	138.08%		
83) IS2_Acenaphthene-d10	6.893	164	70651	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery =	141.95%		
98) IS2_Phenanthrene-d10	8.328	188	158336	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery =	133.61%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	344245	50.281	ug/ml	98
29) Acetophenone	4.381	105	591284	48.005	ug/ml	99
30) m-Toluidine	4.463	106	572069	48.083	ug/ml	98
31) 2-Chloroaniline	4.816	127	515633	47.497	ug/ml	97
56) a-Terpineol	5.263	59	338592	50.459	ug/ml	87
57) 3-Chloroaniline	5.275	65	191583	49.107	ug/ml	91
58) 2,6-Dichlorophenol	5.305	162	389859	47.566	ug/ml	90
59) 1-chloro-2-nitrobenzene	5.552	111	178080	57.544	ug/ml	94
60) Caprolactam	5.622	55	221528	55.529	ug/ml	94
61) 1,2,4,5-Tetrachloroben...	6.063	216	516351	44.617	ug/ml	99
62) Biphenyl	6.357	154	1020139	40.490	ug/ml#	89
84) Dichloran	8.034	206	178170	64.554	ug/ml#	73
85) Pentachloronitrobenzene	8.181	237	183049	55.763	ug/ml#	82
99) Diphenamid	9.240	167	957197	46.428	ug/ml	84

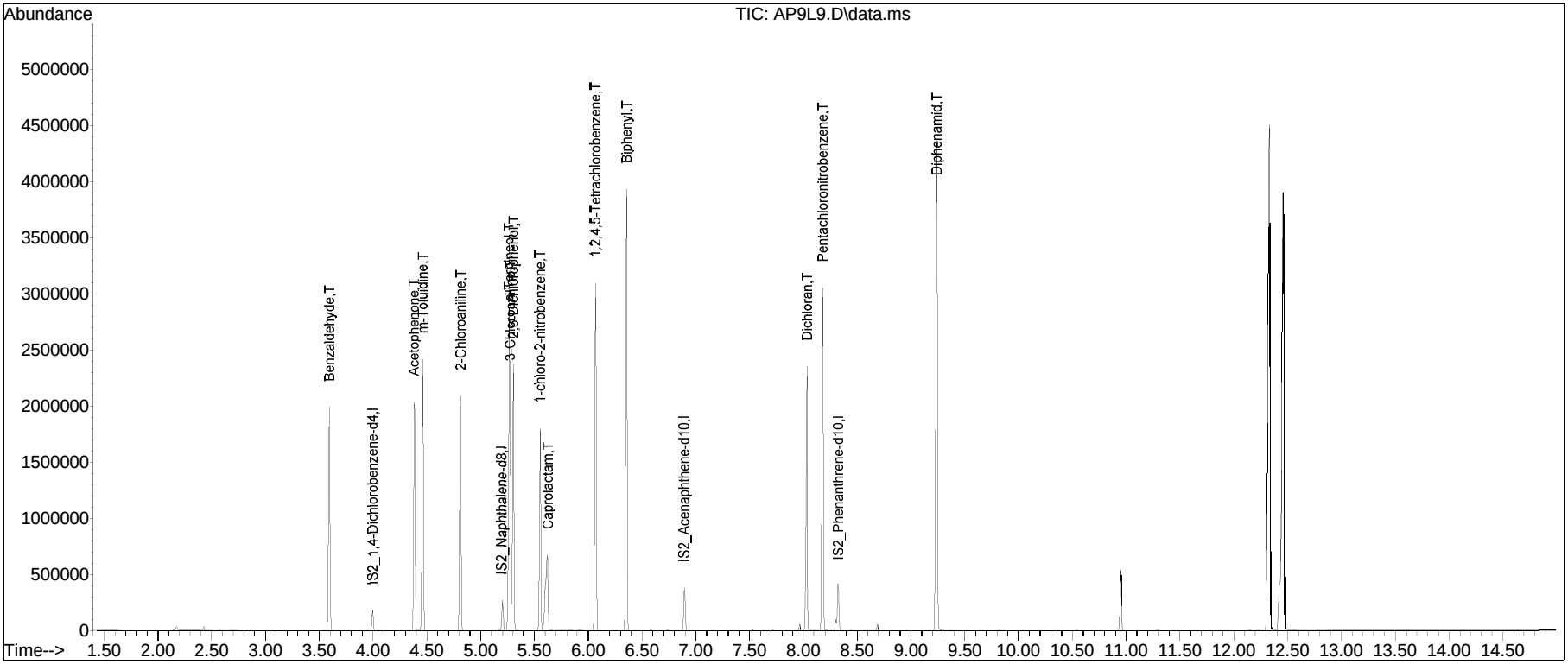
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L9.D
Acq On : 07 Feb 2026 03:22 am
Operator : SV112:cmm
Sample : IL2,32,,AP9L50 Lot # 12068
Misc : WG2174122,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 09 11:42:55 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L9.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 3:22 am	Instrument	: SV112
Sample	: IL2,32,,AP9L50 Lot # 12068	Quant Date	: 2/9/2026 11:18 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L8.D
Acq On : 07 Feb 2026 03:42 am
Operator : SV112:cmm
Sample : IL3,32,,AP9L25 Lot # 12069
Misc : WG2174122,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 09 11:42:38 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	23771	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery =	118.35%		
55) IS2_Naphthalene-d8	5.199	136	92096	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery =	121.35%		
83) IS2_Acenaphthene-d10	6.893	164	60739	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery =	122.03%		
98) IS2_Phenanthrene-d10	8.322	188	140353	4.000	ug/ml #	0.00
Standard Area 3 = 118507			Recovery =	118.43%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	151117	24.830	ug/ml	97
29) Acetophenone	4.381	105	265997	24.294	ug/ml	99
30) m-Toluidine	4.463	106	257180	24.317	ug/ml	97
31) 2-Chloroaniline	4.811	127	229757	23.808	ug/ml	99
56) a-Terpineol	5.258	59	148416	25.168	ug/ml	89
57) 3-Chloroaniline	5.269	65	80656	23.524	ug/ml	97
58) 2,6-Dichlorophenol	5.299	162	171294	23.781	ug/ml#	90
59) 1-chloro-2-nitrobenzene	5.546	111	73507	27.028	ug/ml	93
60) Caprolactam	5.599	55	94650	26.996	ug/ml	95
61) 1,2,4,5-Tetrachloroben...	6.063	216	234452	23.052	ug/ml	98
62) Biphenyl	6.352	154	499140	22.543	ug/ml	95
84) Dichloran	8.028	206	71322	30.058	ug/ml#	73
85) Pentachloronitrobenzene	8.175	237	76315	27.042	ug/ml#	83
99) Diphenamid	9.234	167	445319	24.367	ug/ml	86

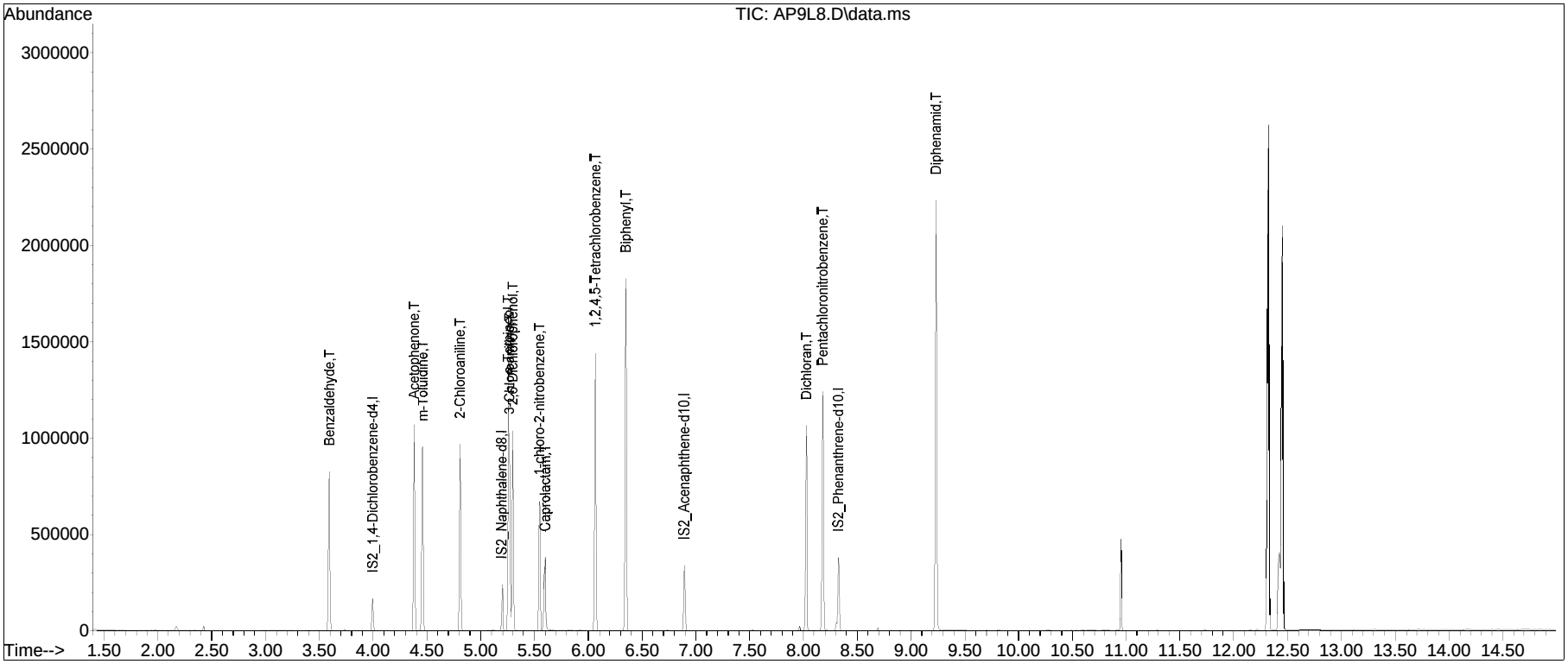
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L8.D
Acq On : 07 Feb 2026 03:42 am
Operator : SV112:cmm
Sample : IL3,32,,AP9L25 Lot # 12069
Misc : WG2174122,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 09 11:42:38 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L8.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 3:42 am	Instrument	: SV112
Sample	: IL3,32,,AP9L25 Lot # 12069	Quant Date	: 2/9/2026 11:18 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L7.D
Acq On : 07 Feb 2026 04:01 am
Operator : SV112:cmm
Sample : IL4,32,,AP9L10 Lot # 12070
Misc : WG2174122,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 09 11:42:20 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	23623	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery =	117.61%		
55) IS2_Naphthalene-d8	5.199	136	90130	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery =	118.76%		
83) IS2_Acenaphthene-d10	6.893	164	59017	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery =	118.57%		
98) IS2_Phenanthrene-d10	8.322	188	136421	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery =	115.12%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	57513	9.509	ug/ml	98
29) Acetophenone	4.381	105	102167	9.390	ug/ml	98
30) m-Toluidine	4.458	106	100732	9.584	ug/ml	96
31) 2-Chloroaniline	4.810	127	89330	9.315	ug/ml	99
56) a-Terpineol	5.257	59	55614	9.636	ug/ml	88
57) 3-Chloroaniline	5.269	65	31720	9.453	ug/ml	95
58) 2,6-Dichlorophenol	5.299	162	64945	9.213	ug/ml	90
59) 1-chloro-2-nitrobenzene	5.546	111	26068	9.794	ug/ml	95
60) Caprolactam	5.587	55	34498	10.054	ug/ml	95
61) 1,2,4,5-Tetrachloroben...	6.063	216	91350	9.178	ug/ml	98
62) Biphenyl	6.352	154	199952	9.228	ug/ml	98
84) Dichloran	8.022	206	23880	10.358	ug/ml#	74
85) Pentachloronitrobenzene	8.175	237	27489	10.025	ug/ml#	80
99) Diphenamid	9.234	167	171876	9.676	ug/ml	87

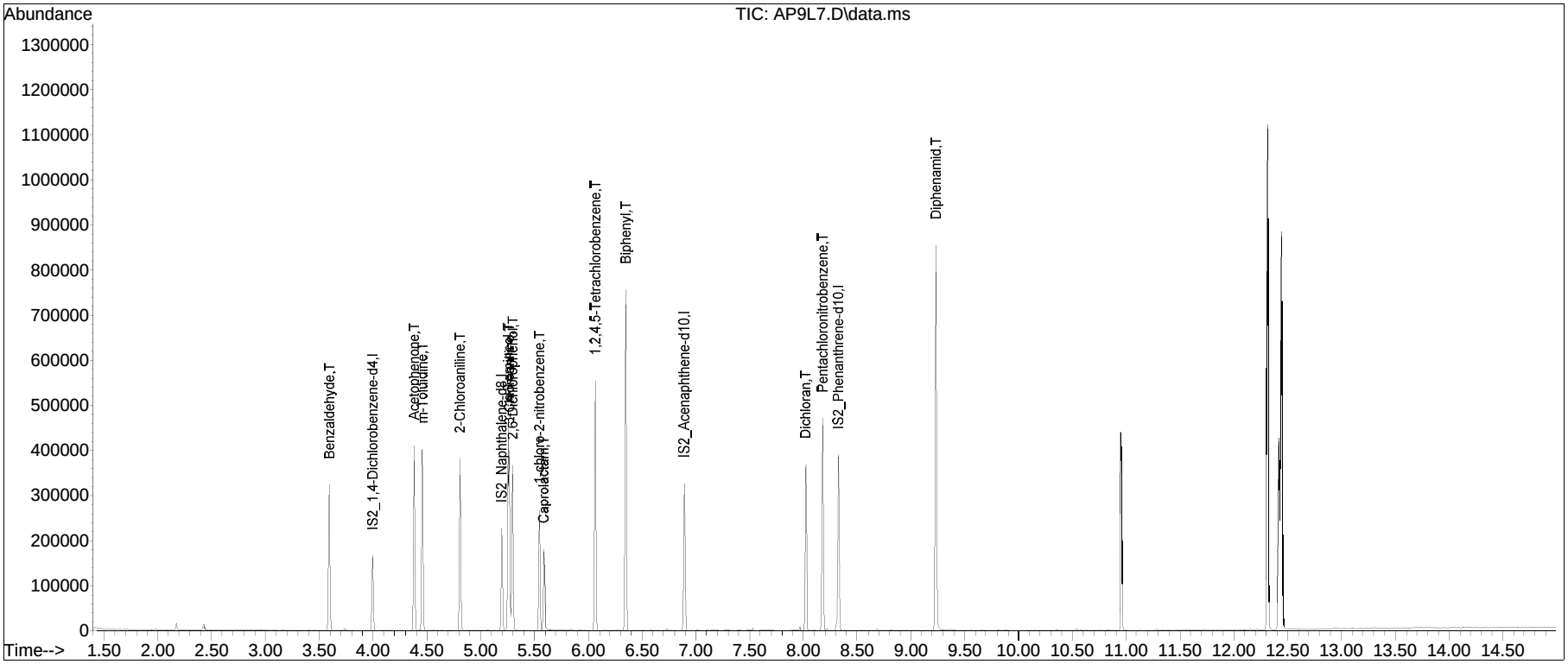
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L7.D
Acq On : 07 Feb 2026 04:01 am
Operator : SV112:cmm
Sample : IL4,32,,AP9L10 Lot # 12070
Misc : WG2174122,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 09 11:42:20 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L7.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 4:01 am	Instrument	: SV112
Sample	: IL4,32,,AP9L10 Lot # 12070	Quant Date	: 2/9/2026 11:18 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L6.D
Acq On : 07 Feb 2026 04:20 am
Operator : SV112:cmm
Sample : IL5,32,,AP9L5 Lot # 12071
Misc : WG2174122,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 09 11:42:04 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	20086	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery = 100.00%			
55) IS2_Naphthalene-d8	5.199	136	75893	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery = 100.00%			
83) IS2_Acenaphthene-d10	6.893	164	49773	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery = 100.00%			
98) IS2_Phenanthrene-d10	8.322	188	118507	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	25713	5.000	ug/ml	98
29) Acetophenone	4.381	105	46259	5.000	ug/ml	98
30) m-Toluidine	4.458	106	44683	5.000	ug/ml	97
31) 2-Chloroaniline	4.811	127	40772	5.000	ug/ml	99
56) a-Terpineol	5.252	59	24298	5.000	ug/ml	86
57) 3-Chloroaniline	5.269	65	14127	5.000	ug/ml	96
58) 2,6-Dichlorophenol	5.299	162	29716	5.006	ug/ml#	89
59) 1-chloro-2-nitrobenzene	5.546	111	11206	5.000	ug/ml	94
60) Caprolactam	5.581	55	14446	5.000	ug/ml	95
61) 1,2,4,5-Tetrachloroben...	6.063	216	41906	5.000	ug/ml	96
62) Biphenyl	6.352	154	91231	5.000	ug/ml	98
84) Dichloran	8.022	206	9722	5.000	ug/ml#	77
85) Pentachloronitrobenzene	8.175	237	11563	5.000	ug/ml#	79
99) Diphenamid	9.234	167	77154	5.000	ug/ml	86

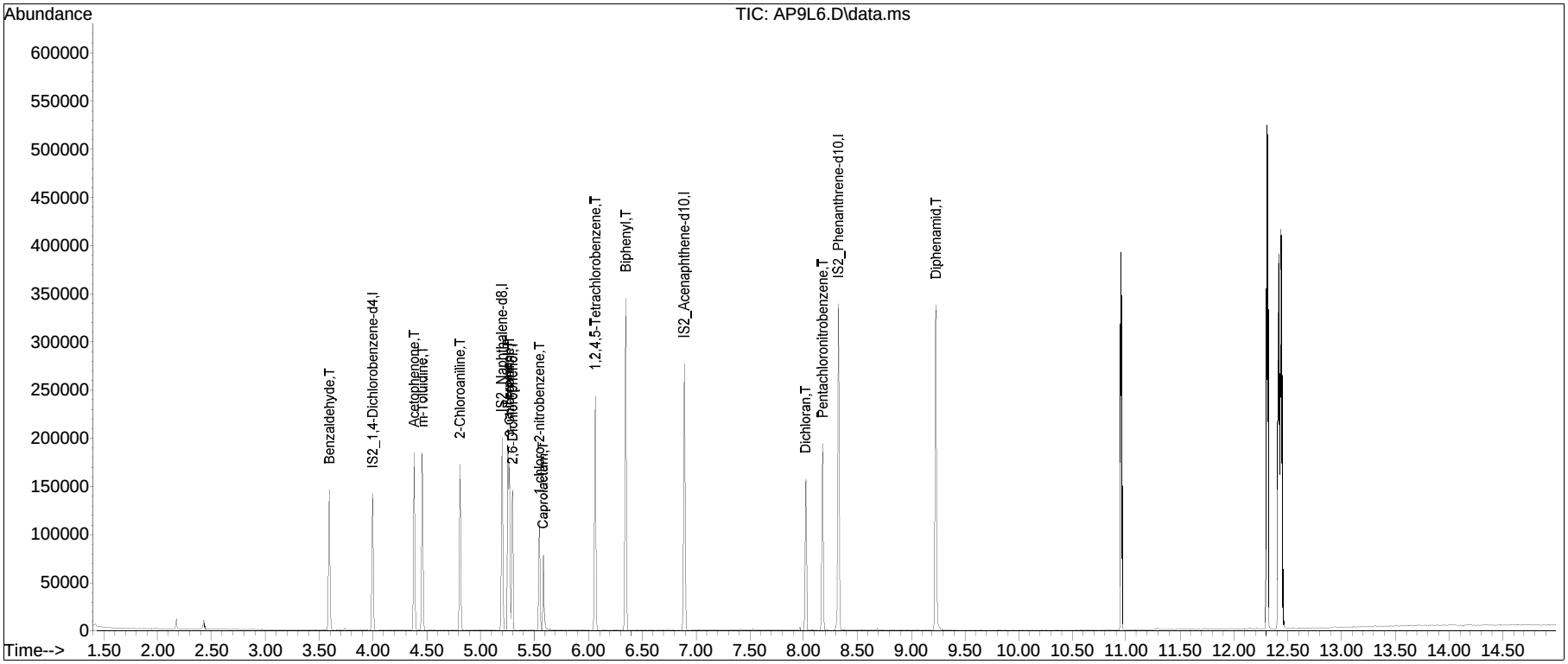
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L6.D
Acq On : 07 Feb 2026 04:20 am
Operator : SV112:cmm
Sample : IL5,32,,AP9L5 Lot # 12071
Misc : WG2174122,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 09 11:42:04 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L6.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 4:20 am	Instrument	: SV112
Sample	: IL5,32,,AP9L5 Lot # 12071	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L5.D
Acq On : 07 Feb 2026 04:40 am
Operator : SV112:cmm
Sample : IL6,32,,AP9L2.5 Lot # 12072
Misc : WG2174122,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 09 11:41:48 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	23991	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery = 119.44%			
55) IS2_Naphthalene-d8	5.199	136	91117	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery = 120.06%			
83) IS2_Acenaphthene-d10	6.893	164	58793	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery = 118.12%			
98) IS2_Phenanthrene-d10	8.322	188	140572	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery = 118.62%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	15351	2.499	ug/ml	100
29) Acetophenone	4.381	105	27319	2.472	ug/ml	98
30) m-Toluidine	4.458	106	26571	2.489	ug/ml	96
31) 2-Chloroaniline	4.811	127	23665	2.430	ug/ml	100
56) a-Terpineol	5.252	59	14419	2.471	ug/ml#	85
57) 3-Chloroaniline	5.269	65	8286	2.443	ug/ml	99
58) 2,6-Dichlorophenol	5.299	162	16658	2.337	ug/ml#	90
59) 1-chloro-2-nitrobenzene	5.546	111	6760	2.512	ug/ml	95
60) Caprolactam	5.581	55	8494	2.449	ug/ml	97
61) 1,2,4,5-Tetrachloroben...	6.064	216	25286	2.513	ug/ml	97
62) Biphenyl	6.352	154	55097	2.515	ug/ml	99
84) Dichloran	8.022	206	5454	2.375	ug/ml#	74
85) Pentachloronitrobenzene	8.175	237	6309	2.310	ug/ml#	81
99) Diphenamid	9.234	167	43679	2.386	ug/ml	85

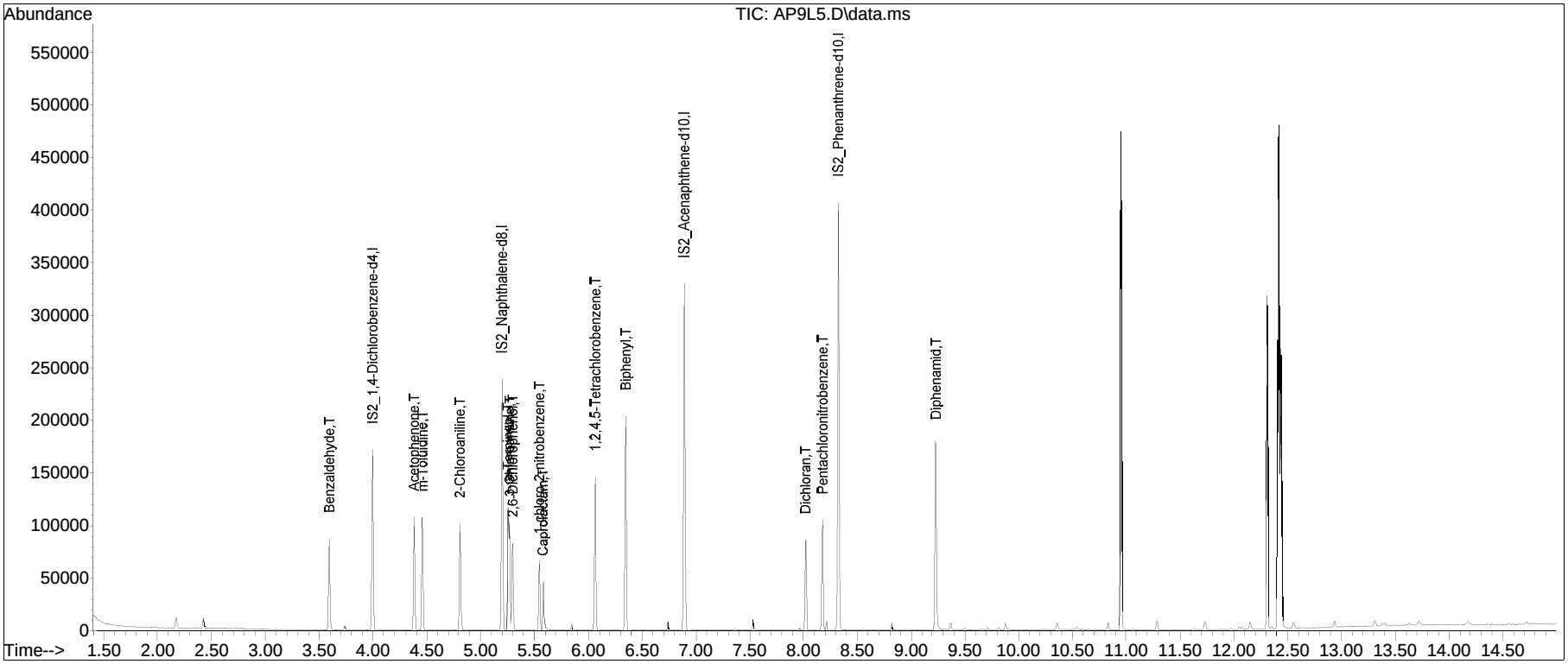
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L5.D
Acq On : 07 Feb 2026 04:40 am
Operator : SV112:cmm
Sample : IL6,32,,AP9L2.5 Lot # 12072
Misc : WG2174122,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 09 11:41:48 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L5.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 4:40 am	Instrument	: SV112
Sample	: IL6,32,,AP9L2.5 Lot # 1207	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L4.D
Acq On : 07 Feb 2026 04:59 am
Operator : SV112:cmm
Sample : IL7,32,,AP9L1 Lot # 12073
Misc : WG2174122,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 09 11:41:31 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	26589	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery =	132.38%		
55) IS2_Naphthalene-d8	5.199	136	99583	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery =	131.22%		
83) IS2_Acenaphthene-d10	6.893	164	63729	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery =	128.04%		
98) IS2_Phenanthrene-d10	8.322	188	152094	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery =	128.34%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	6307	0.926	ug/ml	100
29) Acetophenone	4.381	105	10870	0.888	ug/ml	96
30) m-Toluidine	4.457	106	10339	0.874	ug/ml	98
31) 2-Chloroaniline	4.810	127	9600	0.889	ug/ml	99
56) a-Terpineol	5.252	59	5772	0.905	ug/ml	89
57) 3-Chloroaniline	5.269	65	3420	0.922	ug/ml	96
58) 2,6-Dichlorophenol	5.299	162	6562	0.843	ug/ml	90
59) 1-chloro-2-nitrobenzene	5.546	111	2484	0.845	ug/ml	96
60) Caprolactam	5.581	55	3430	0.905	ug/ml	98
61) 1,2,4,5-Tetrachloroben...	6.063	216	10359	0.942	ug/ml	98
62) Biphenyl	6.352	154	23012	0.961	ug/ml	100
84) Dichloran	8.022	206	2119	0.851	ug/ml#	70
85) Pentachloronitrobenzene	8.175	237	2387	0.806	ug/ml#	82
99) Diphenamid	9.234	167	16817	0.849	ug/ml	85

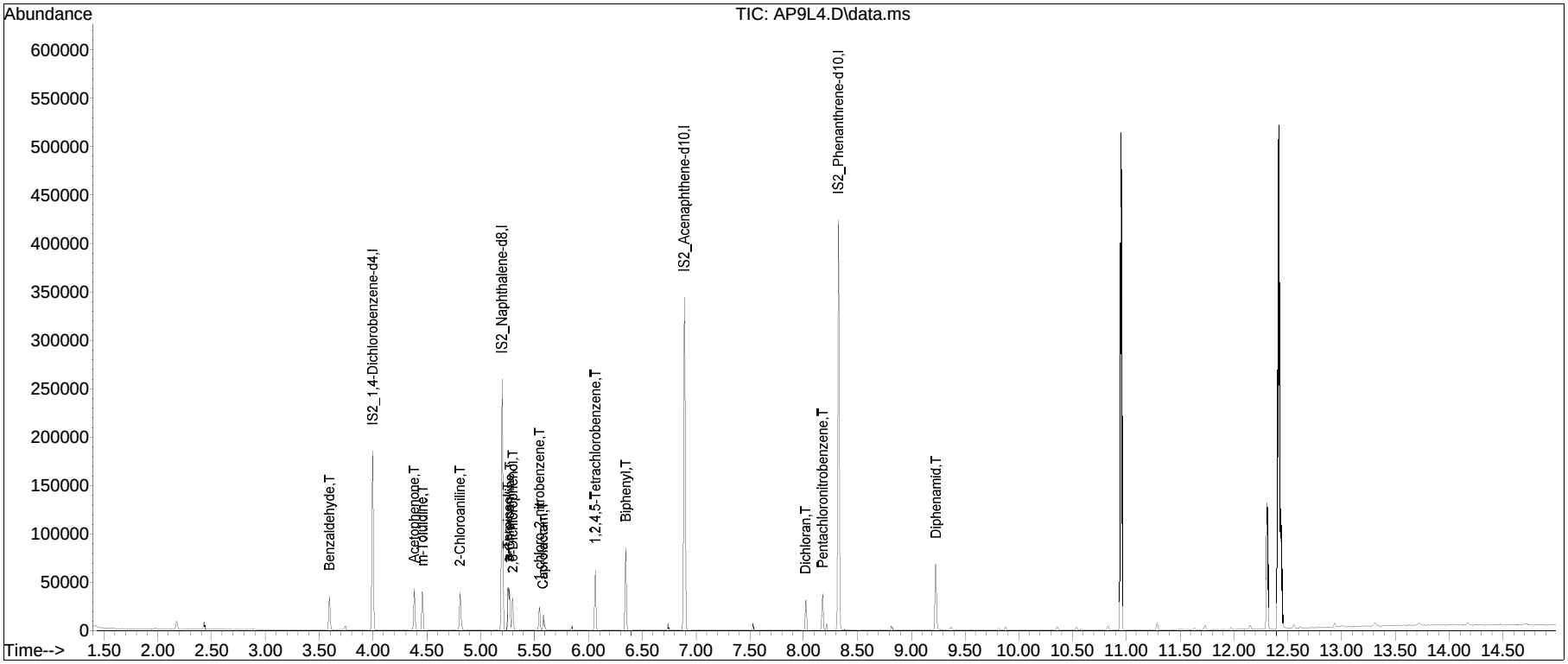
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L4.D
Acq On : 07 Feb 2026 04:59 am
Operator : SV112:cmm
Sample : IL7,32,,AP9L1 Lot # 12073
Misc : WG2174122,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 09 11:41:31 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L4.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 4:59 am	Instrument	: SV112
Sample	: IL7,32,,AP9L1 Lot # 12073	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L3.D
Acq On : 07 Feb 2026 05:18 am
Operator : SV112:cmm
Sample : IL8,32,,AP9L0.5 Lot # 12074
Misc : WG2174122,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 09 11:41:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	23725	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery = 118.12%			
55) IS2_Naphthalene-d8	5.199	136	89654	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery = 118.13%			
83) IS2_Acenaphthene-d10	6.893	164	56972	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery = 114.46%			
98) IS2_Phenanthrene-d10	8.322	188	138620	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery = 116.97%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	3086	0.508	ug/ml	98
29) Acetophenone	4.381	105	5147	0.471	ug/ml	95
30) m-Toluidine	4.463	106	4920	0.466	ug/ml	96
31) 2-Chloroaniline	4.810	127	4500	0.467	ug/ml	96
56) a-Terpineol	5.252	59	2738	0.477	ug/ml	89
57) 3-Chloroaniline	5.269	65	1570	0.470	ug/ml	95
58) 2,6-Dichlorophenol	5.299	162	3070	0.438	ug/ml#	87
59) 1-chloro-2-nitrobenzene	5.546	111	1053	0.398	ug/ml#	87
60) Caprolactam	5.587	55	1641	0.481	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	6.063	216	5122	0.517	ug/ml#	94
62) Biphenyl	6.352	154	10366	0.481	ug/ml	97
84) Dichloran	8.022	206	896	0.403	ug/ml#	78
85) Pentachloronitrobenzene	8.175	237	1091	0.412	ug/ml#	81
99) Diphenamid	9.228	167	8009	0.444	ug/ml	85

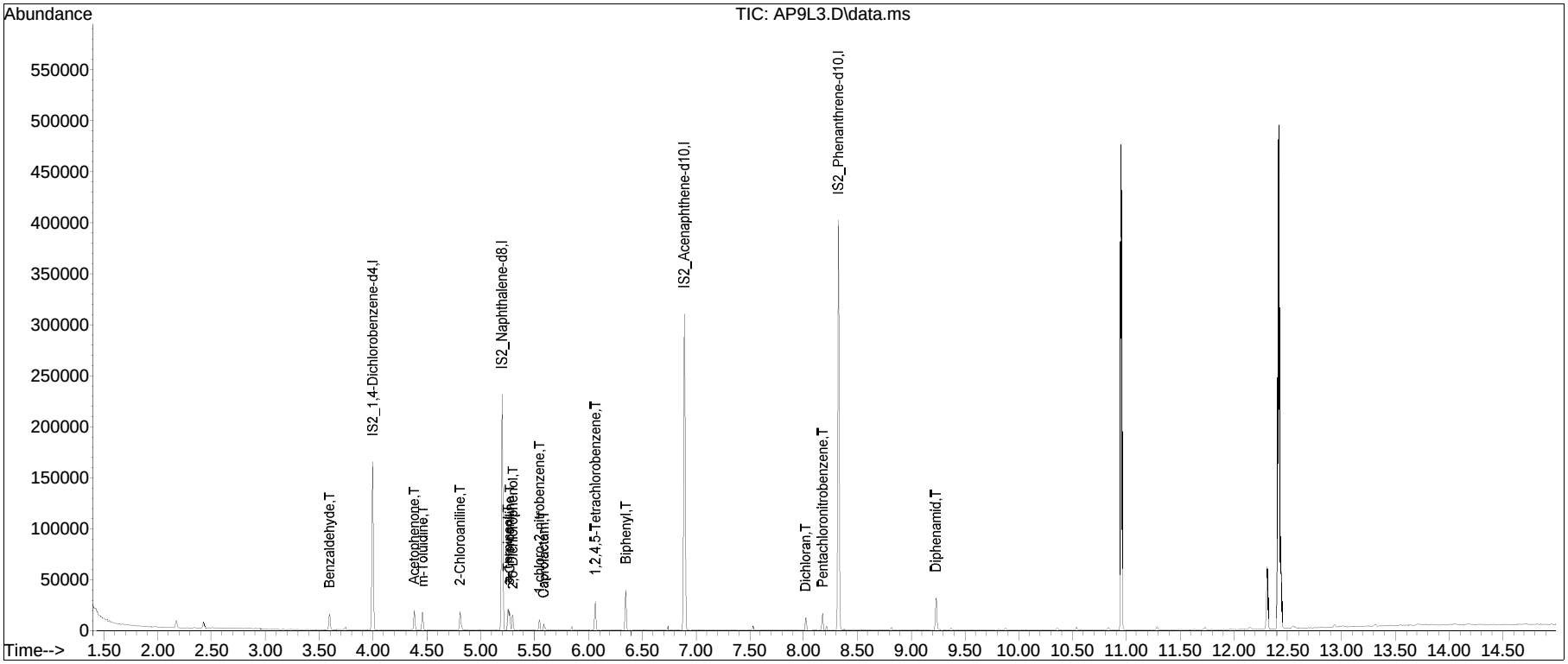
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L3.D
Acq On : 07 Feb 2026 05:18 am
Operator : SV112:cmm
Sample : IL8,32,,AP9L0.5 Lot # 12074
Misc : WG2174122,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 09 11:41:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L3.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 5:18 am	Instrument	: SV112
Sample	: IL8,32,,AP9L0.5 Lot # 1207	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L2.D
Acq On : 07 Feb 2026 05:38 am
Operator : SV112:cmm
Sample : IL9,32,,AP9L0.2 Lot # 12075
Misc : WG2174122,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 09 11:40:46 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	23504	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery = 117.02%			
55) IS2_Naphthalene-d8	5.199	136	88509	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery = 116.62%			
83) IS2_Acenaphthene-d10	6.893	164	56928	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery = 114.38%			
98) IS2_Phenanthrene-d10	8.322	188	136528	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery = 115.21%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	1119	0.186	ug/ml	97
29) Acetophenone	4.381	105	1790	0.165	ug/ml#	76
30) m-Toluidine	4.463	106	1731	0.166	ug/ml#	91
31) 2-Chloroaniline	4.810	127	1706	0.179	ug/ml#	75
56) a-Terpineol	5.252	59	911	0.161	ug/ml#	70
57) 3-Chloroaniline	5.269	65	546	0.166	ug/ml	89
58) 2,6-Dichlorophenol	5.299	162	1208	0.175	ug/ml#	84
59) 1-chloro-2-nitrobenzene	0.000		0	N.D.		
60) Caprolactam	5.593	55	739	0.219	ug/ml#	31
61) 1,2,4,5-Tetrachloroben...	6.063	216	1916	0.196	ug/ml#	85
62) Biphenyl	6.352	154	4181	0.196	ug/ml	99
84) Dichloran	0.000		0	N.D.		
85) Pentachloronitrobenzene	0.000		0	N.D.		
99) Diphenamid	9.228	167	2869	0.161	ug/ml	89

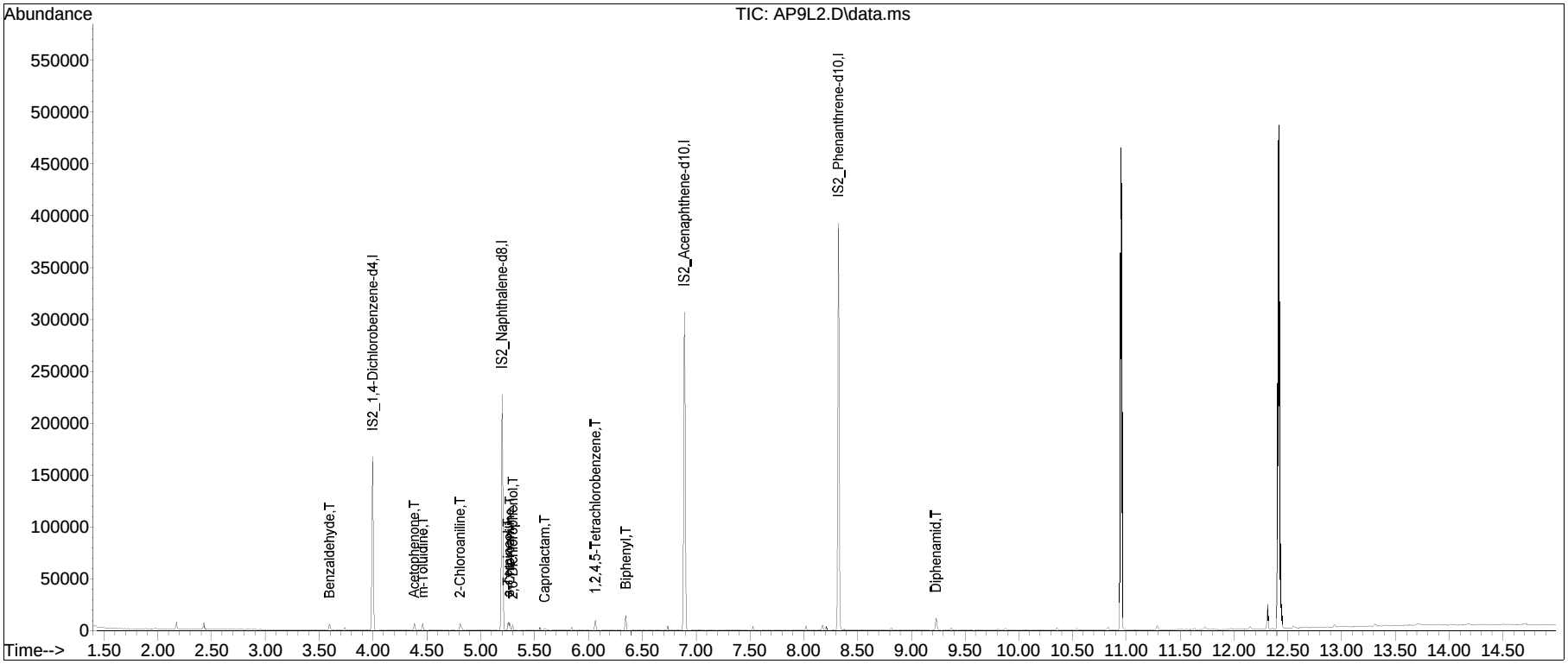
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L2.D
Acq On : 07 Feb 2026 05:38 am
Operator : SV112:cmm
Sample : IL9,32,,AP9L0.2 Lot # 12075
Misc : WG2174122,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 09 11:40:46 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L2.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 5:38 am	Instrument	: SV112
Sample	: IL9,32,,AP9L0.2 Lot # 1207	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L1.D
Acq On : 07 Feb 2026 05:57 am
Operator : SV112:cmm
Sample : IL10,32,,AP9L0.1 Lot # 12076
Misc : WG2174122,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 09 11:40:03 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	22137	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery = 110.21%			
55) IS2_Naphthalene-d8	5.199	136	81626	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery = 107.55%			
83) IS2_Acenaphthene-d10	6.893	164	51853	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery = 104.18%			
98) IS2_Phenanthrene-d10	8.322	188	124292	4.000	ug/ml #	0.00
Standard Area 3 = 118507			Recovery = 104.88%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	510	0.090	ug/ml	90
29) Acetophenone	4.387	105	965	0.095	ug/ml#	51
30) m-Toluidine	4.463	106	789	0.080	ug/ml#	83
31) 2-Chloroaniline	4.810	127	886	0.099	ug/ml#	46
56) a-Terpineol	5.252	59	520	0.099	ug/ml#	24
57) 3-Chloroaniline	0.000		0	N.D.		
58) 2,6-Dichlorophenol	5.299	162	537	0.084	ug/ml#	17
59) 1-chloro-2-nitrobenzene	0.000		0	N.D.		
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	6.063	216	836	0.093	ug/ml#	87
62) Biphenyl	6.351	154	1914	0.098	ug/ml	93
84) Dichloran	0.000		0	N.D.		
85) Pentachloronitrobenzene	0.000		0	N.D.		
99) Diphenamid	9.228	167	1308	0.081	ug/ml	90

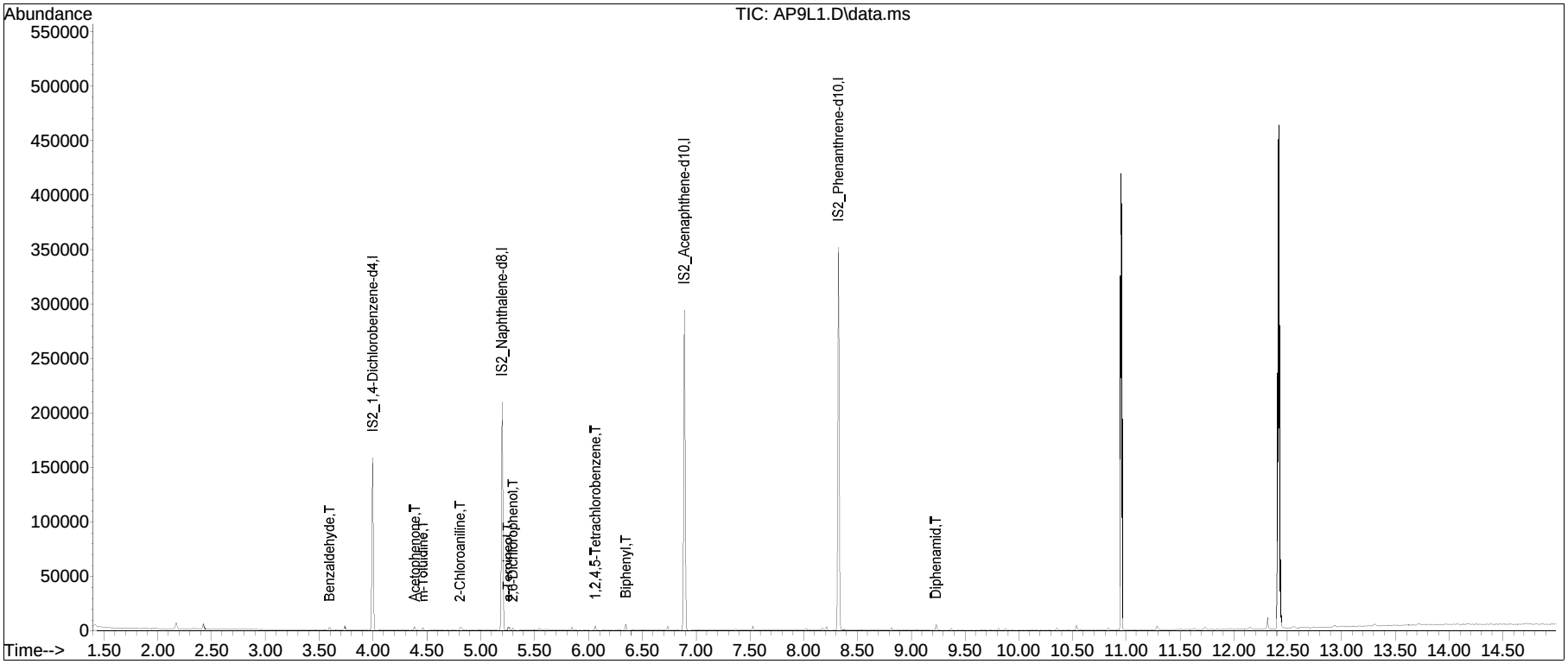
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9L1.D
Acq On : 07 Feb 2026 05:57 am
Operator : SV112:cmm
Sample : IL10,32,,AP9L0.1 Lot # 12076
Misc : WG2174122,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 09 11:40:03 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9L1.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 5:57 am	Instrument	: SV112
Sample	: IL10,32,,AP9L0.1 Lot # 120	Quant Date	: 2/9/2026 11:17 am

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

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNICV.D
Acq On : 07 Feb 2026 06:16 am
Operator : SV112:cmm
Sample : CQICV1,32,,ABNICV Lot # 12087
Misc : WG2174122,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 11:50:18 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:49:19 2026
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	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
2	T	n-Nitrosodimethylamine	0.687	0.698	-1.6	80	0.00
3	T	Pyridine	1.096	1.048	4.4	81	0.00
4	S	2-Fluorophenol	0.997	0.939	5.8	82	0.00
5	T	Aniline	1.859	1.856	0.2	82	0.00
6	T	2-Chlorophenol	1.181	1.133	4.1	81	0.00
7	S	Phenol-d6	1.329	1.334	-0.4	82	0.00
8	T	Phenol	1.529	1.561	-2.1	82	0.00
9	T	Bis(2-chloroethyl)ether	1.126	1.111	1.3	81	0.00
10	T	1,3-Dichlorobenzene	1.422	1.386	2.5	83	0.00
11	T	1,4-Dichlorobenzene	1.454	1.425	2.0	83	0.00
12	T	1,2-Dichlorobenzene	1.389	1.374	1.1	85	0.00
13	T	Benzyl alcohol	0.981	0.954	2.8	78	0.00
14	T	Bis(2-chloroisopropyl)ether	1.675	1.627	2.9	81	0.00
15	T	2-Methylphenol	1.037	1.073	-3.5	83	0.00
16	T	Hexachloroethane	0.522	0.512	1.9	83	0.00
17	T	n-Nitrosodi-n-propylamine	0.894	0.914	-2.2	81	0.00
18	T	3-Methylphenol/4-Methylphen	1.112	1.134	-2.0	82	0.00
19	S	Nitrobenzene-d5	1.142	1.039	9.0	75	0.00
20	T	Nitrobenzene	1.172	1.109	5.4	74	0.00
21	T	Isophorone	2.548	2.512	1.4	80	0.00
22	T	2-Nitrophenol	0.511	0.439	14.1	71	0.00
23	T	2,4-Dimethylphenol	1.225	1.237	-1.0	84	0.00
24	T	Bis(2-chloroethoxy)methane	1.578	1.569	0.6	81	0.00
25	T	2,4-Dichlorophenol	1.159	1.152	0.6	80	0.00
26	T	1,2,4-Trichlorobenzene	1.442	1.427	1.0	85	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	85	0.00
36	T	Naphthalene	0.971	0.958	1.3	82	0.00
37	T	Benzoic Acid	0.200	0.144	28.0#	67	0.00
38	T	4-Chloroaniline	0.128	0.126	1.6	81	0.00
39	T	Hexachlorobutadiene	0.237	0.228	3.8	82	0.00
40	T	p-Chloro-m-cresol	0.287	0.289	-0.7	79	0.00
41	T	2-Methylnaphthalene	0.657	0.651	0.9	83	0.00
42	T	1-Methylnaphthalene	0.238	0.232	2.5	81	0.00
43	T	Hexachlorocyclopentadiene	0.275	0.268	2.5	80	0.00
44	T	2,4,6-Trichlorophenol	0.260	0.256	1.5	78	0.00
45	T	2,4,5-Trichlorophenol	0.279	0.269	3.6	77	0.00
46	S	2-Fluorobiphenyl	0.908	0.892	1.8	83	0.00

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNICV.D
Acq On : 07 Feb 2026 06:16 am
Operator : SV112:cmm
Sample : CQICV1,32,,ABNICV Lot # 12087
Misc : WG2174122,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 11:50:18 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:49:19 2026
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)
47	T	2-Chloronaphthalene	0.761	0.754	0.9	83	0.00
48	T	2-Nitroaniline	0.183	0.171	6.6	73	0.00
49	T	1,4-Dinitrobenzene	0.089	0.086	3.4	78	0.00
50	T	1,3-Dinitrobenzene	0.108	0.097	10.2	72	0.00
51	T	Dimethyl phthalate	0.979	0.998	-1.9	82	0.00
52	T	Acenaphthylene	1.224	1.266	-3.4	85	0.00
53	T	2,6-Dinitrotoluene	0.167	0.159	4.8	72	0.00
54	T	1,2-Dinitrobenzene	0.072	0.067	6.9	73	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	84	0.00
64	T	3-Nitroaniline	0.273	0.279	-2.2	78	0.00
65	T	Acenaphthene	1.050	1.040	1.0	84	0.00
66	T	2,4-Dinitrophenol	0.130	0.112	13.8	69	0.00
67	T	Dibenzofuran	1.793	1.780	0.7	84	0.00
68	T	2,4-Dinitrotoluene	0.344	0.342	0.6	76	0.00
69	T	4-Nitrophenol	0.207	0.211	-1.9	79	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.380	0.370	2.6	78	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.374	0.384	-2.7	81	0.00
72	T	Diethyl phthalate	1.510	1.545	-2.3	83	0.00
73	T	Fluorene	1.453	1.465	-0.8	84	0.00
74	T	4-Chlorophenyl phenyl ether	0.747	0.730	2.3	84	0.00
75	T	4-Nitroaniline	0.275	0.303	-10.2	83	0.00
76	T	4,6-Dinitro-o-cresol	0.184	0.175	4.9	76	0.00
77	T	NDPA/DPA	1.250	1.269	-1.5	84	0.00
78	T	Azobenzene	1.307	1.352	-3.4	85	0.00
79	S	2,4,6-Tribromophenol	0.254	0.251	1.2	79	0.00
80	T	4-Bromophenyl phenyl ether	0.505	0.508	-0.6	85	0.00
81	T	Hexachlorobenzene	0.617	0.603	2.3	84	0.00
82	T	Pentachlorophenol	0.325	0.320	1.5	76	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	87	0.00
89	T	Phenanthrene	1.012	0.995	1.7	84	0.00
90	T	Anthracene	1.022	1.011	1.1	83	0.00
91	T	Carbazole	0.958	0.964	-0.6	84	0.00
92	T	Di-n-butylphthalate	1.062	1.107	-4.2	81	0.00
93	T	Fluoranthene	1.260	1.275	-1.2	84	0.00
94	T	Benzidine	0.785	0.788	-0.4	79	0.00
95	T	Pyrene	1.321	1.322	-0.1	84	0.00
96	S	4-Terphenyl-d14	1.039	1.033	0.6	85	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNICV.D
Acq On : 07 Feb 2026 06:16 am
Operator : SV112:cmm
Sample : CQICV1,32,,ABNICV Lot # 12087
Misc : WG2174122,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 11:50:18 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:49:19 2026
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)
97	T	Butyl benzyl phthalate	0.422	0.420	0.5	76	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	87	0.00
105	T	Benzo(a)anthracene	1.232	1.194	3.1	83	0.00
106	T	3,3'-Dichlorobenzidine	0.479	0.466	2.7	78	0.00
107	T	Chrysene	1.144	1.123	1.8	85	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.594	0.618	-4.0	79	0.00
109	T	Di-n-octylphthalate	0.991	1.056	-6.6	78	0.00
110	T	Benzo(b)fluoranthene	1.265	1.279	-1.1	83	0.00
111	T	Benzo(k)fluoranthene	1.205	1.149	4.6	84	0.00
112	T	Benzo(a)pyrene	1.183	1.166	1.4	83	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	86	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.150	1.090	5.2	81	0.00
115	T	Dibenzo(a,h)anthracene	1.064	1.066	-0.2	83	0.00
116	T	Benzo(ghi)perylene	1.058	0.999	5.6	80	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNICV.D
Acq On : 07 Feb 2026 06:16 am
Operator : SV112:cmm
Sample : CQICV1,32,,ABNICV Lot # 12087
Misc : WG2174122,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 11:50:18 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:49:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	3.999	152	23406	4.000 ug/ml	0.00
Standard Area 1 = 27225			Recovery = 85.97%		
35) IS1_Naphthalene-d8	5.199	136	90978	4.000 ug/ml	0.00
Standard Area 1 = 107415			Recovery = 84.70%		
63) IS1_Acenaphthene-d10	6.893	164	60382	4.000 ug/ml	0.00
Standard Area 1 = 71791			Recovery = 84.11%		
88) IS1_Phenanthrene-d10	8.322	188	145209	4.000 ug/ml	# 0.00
Standard Area 1 = 167176			Recovery = 86.86%		
104) IS1_Chrysene-d12	10.957	240	168449	4.000 ug/ml	# 0.00
Standard Area 1 = 194211			Recovery = 86.74%		
113) IS1_Perylene-d12	12.416	264	189288	4.000 ug/ml	0.00
Standard Area 1 = 220869			Recovery = 85.70%		
System Monitoring Compounds					
4) 2-Fluorophenol	2.840	112	27474	4.708 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 235.40%#		
7) Phenol-d6	3.687	99	39033	5.017 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 250.85%#		
19) Nitrobenzene-d5	4.516	82	30393	4.547 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 454.70%#		
46) 2-Fluorobiphenyl	6.263	172	101464	4.914 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 491.40%#		
79) 2,4,6-Tribromophenol	7.657	330	18976	4.945 ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 247.25%#		
96) 4-Terphenyl-d14	9.904	244	187479	4.973 ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 497.30%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.770	74	20412	5.080 ug/ml	93
3) Pyridine	1.805	79	30657	4.781 ug/ml	90
5) Aniline	3.699	93	54299	4.991 ug/ml#	52
6) 2-Chlorophenol	3.805	128	33141	4.797 ug/ml	97
8) Phenol	3.699	94	45670	5.103 ug/ml#	43
9) Bis(2-chloroethyl)ether	3.769	93	32506	4.934 ug/ml	99
10) 1,3-Dichlorobenzene	3.946	146	40550	4.873 ug/ml	96
11) 1,4-Dichlorobenzene	4.016	146	41704	4.901 ug/ml	96
12) 1,2-Dichlorobenzene	4.158	146	40186	4.943 ug/ml	95

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNICV.D
Acq On : 07 Feb 2026 06:16 am
Operator : SV112:cmm
Sample : CQICV1,32,,ABNICV Lot # 12087
Misc : WG2174122,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 11:50:18 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:49:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	4.140	79	27905	4.861	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.275	45	47589	4.854	ug/ml#	67
15) 2-Methylphenol	4.264	108	31401	5.174	ug/ml	97
16) Hexachloroethane	4.469	117	14970	4.901	ug/ml#	60
17) n-Nitrosodi-n-propylamine	4.399	70	26754	5.112	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.416	108	33189	5.103	ug/ml	96
20) Nitrobenzene	4.534	77	32461	4.735	ug/ml	96
21) Isophorone	4.769	82	73499	4.929	ug/ml	100
22) 2-Nitrophenol	4.846	139	12838	4.291	ug/ml	96
23) 2,4-Dimethylphenol	4.916	107	36202	5.050	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.999	93	45911	4.974	ug/ml	99
25) 2,4-Dichlorophenol	5.081	162	33704	4.971	ug/ml#	94
26) 1,2,4-Trichlorobenzene	5.158	180	41752	4.948	ug/ml	97
36) Naphthalene	5.216	128	108891	4.931	ug/ml	100
37) Benzoic Acid	4.999	105	16345	3.592	ug/ml	91
38) 4-Chloroaniline	5.287	65	14343	4.933	ug/ml	96
39) Hexachlorobutadiene	5.369	225	25918	4.803	ug/ml	99
40) p-Chloro-m-cresol	5.787	107	32825	5.020	ug/ml	94
41) 2-Methylnaphthalene	5.893	142	74063	4.959	ug/ml	97
42) 1-Methylnaphthalene	5.987	115	26362	4.876	ug/ml	91
43) Hexachlorocyclopentadiene	6.063	237	30520	4.885	ug/ml	99
44) 2,4,6-Trichlorophenol	6.181	196	29087	4.915	ug/ml	99
45) 2,4,5-Trichlorophenol	6.210	196	30623	4.832	ug/ml	94
47) 2-Chloronaphthalene	6.358	162	85755	4.954	ug/ml	93
48) 2-Nitroaniline	6.469	138	19443	4.675	ug/ml	97
49) 1,4-Dinitrobenzene	6.599	168	9739	4.785	ug/ml	83
50) 1,3-Dinitrobenzene	6.675	168	10992	4.473	ug/ml	96
51) Dimethyl phthalate	6.669	163	113507	5.096	ug/ml	100
52) Acenaphthylene	6.752	152	143980	5.172	ug/ml	98
53) 2,6-Dinitrotoluene	6.710	165	18034	4.755	ug/ml	93
54) 1,2-Dinitrobenzene	6.752	168	7581	4.628	ug/ml#	1
64) 3-Nitroaniline	6.863	138	21048	5.104	ug/ml#	96
65) Acenaphthene	6.928	154	78460	4.950	ug/ml	98
66) 2,4-Dinitrophenol	6.969	184	8491	4.313	ug/ml#	83
67) Dibenzofuran	7.093	168	134351	4.965	ug/ml	91
68) 2,4-Dinitrotoluene	7.099	165	25823	4.969	ug/ml	95
69) 4-Nitrophenol	7.063	65	15895	5.085	ug/ml	96
70) 2,3,5,6-Tetrachlorophenol	7.187	232	27930	4.869	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNICV.D
Acq On : 07 Feb 2026 06:16 am
Operator : SV112:cmm
Sample : CQICV1,32,,ABNICV Lot # 12087
Misc : WG2174122,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 11:50:18 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:49:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	7.228	232	28955	5.127	ug/ml	98
72)	Diethyl phthalate	7.357	149	116624	5.118	ug/ml	96
73)	Fluorene	7.422	166	110540	5.039	ug/ml	97
74)	4-Chlorophenyl phenyl ...	7.446	204	55121	4.889	ug/ml#	83
75)	4-Nitroaniline	7.452	138	22896	5.508	ug/ml	97
76)	4,6-Dinitro-o-cresol	7.493	198	13230	4.766	ug/ml#	76
77)	NDPA/DPA	7.557	169	95774	5.076	ug/ml	95
78)	Azobenzene	7.593	77	102036	5.170	ug/ml	94
80)	4-Bromophenyl phenyl e...	7.910	248	38355	5.035	ug/ml#	82
81)	Hexachlorobenzene	7.963	284	45543	4.891	ug/ml#	83
82)	Pentachlorophenol	8.157	266	24185	4.928	ug/ml	98
89)	Phenanthrene	8.346	178	180678	4.919	ug/ml	98
90)	Anthracene	8.393	178	183541	4.946	ug/ml	99
91)	Carbazole	8.563	167	175014	5.030	ug/ml	98
92)	Di-n-butylphthalate	8.957	149	200884	5.209	ug/ml	100
93)	Fluoranthene	9.499	202	231479	5.061	ug/ml#	95
94)	Benzidine	9.651	184	142952	5.018	ug/ml#	97
95)	Pyrene	9.716	202	239926	5.004	ug/ml	99
97)	Butyl benzyl phthalate	10.428	149	76196	4.971	ug/ml	96
105)	Benzo(a)anthracene	10.946	228	251328	4.843	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.946	252	98193	4.865	ug/ml#	96
107)	Chrysene	10.981	228	236506	4.911	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.069	149	130151	5.203	ug/ml#	98
109)	Di-n-octylphthalate	11.745	149	222410	5.329	ug/ml	99
110)	Benzo(b)fluoranthene	12.051	252	269209	5.053	ug/ml#	96
111)	Benzo(k)fluoranthene	12.075	252	241918M3	4.768	ug/ml	
112)	Benzo(a)pyrene	12.363	252	245534	4.930	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	13.392	276	257805M6	4.736	ug/mL	
115)	Dibenzo(a,h)anthracene	13.410	278	252213	5.010	ug/ml#	91
116)	Benzo(ghi)perylene	13.634	276	236334	4.720	ug/ml#	90

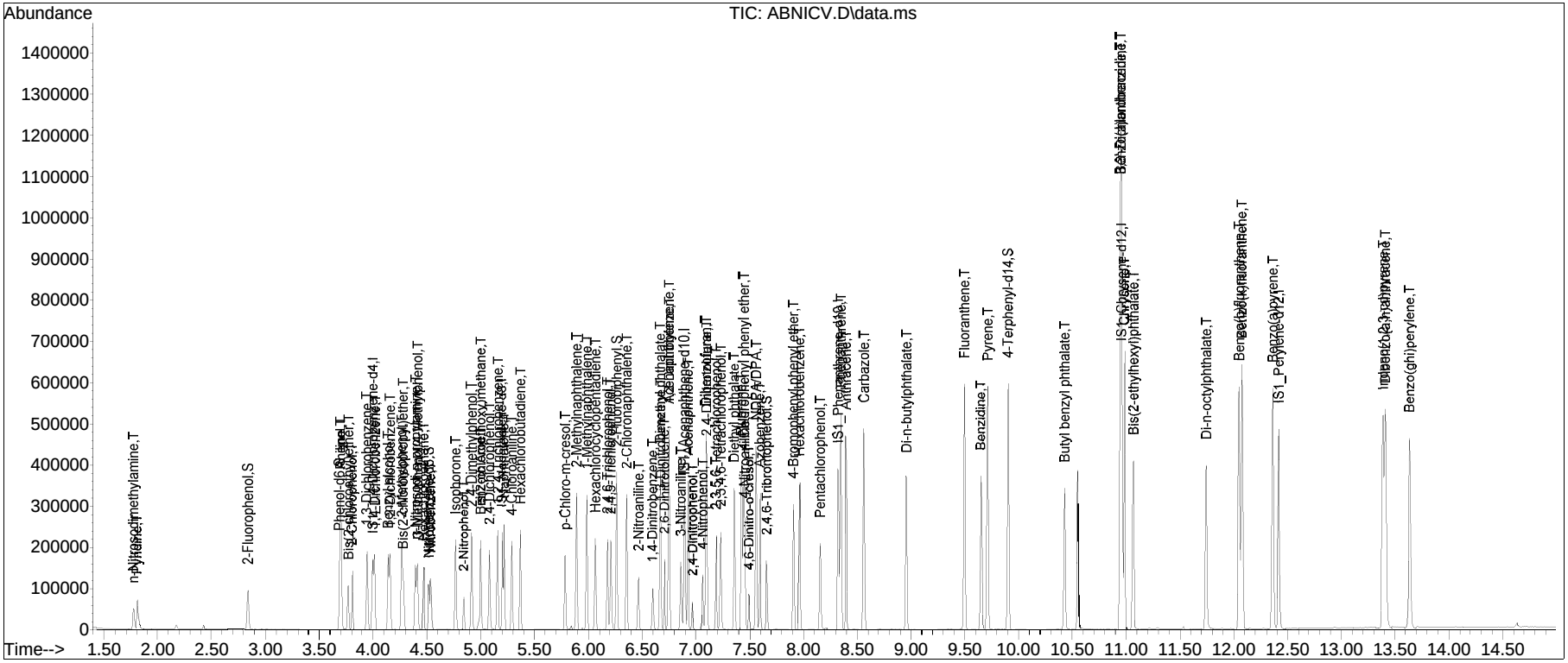
(#) = qualifier out of range (m) = manual integration (+) = signals summed

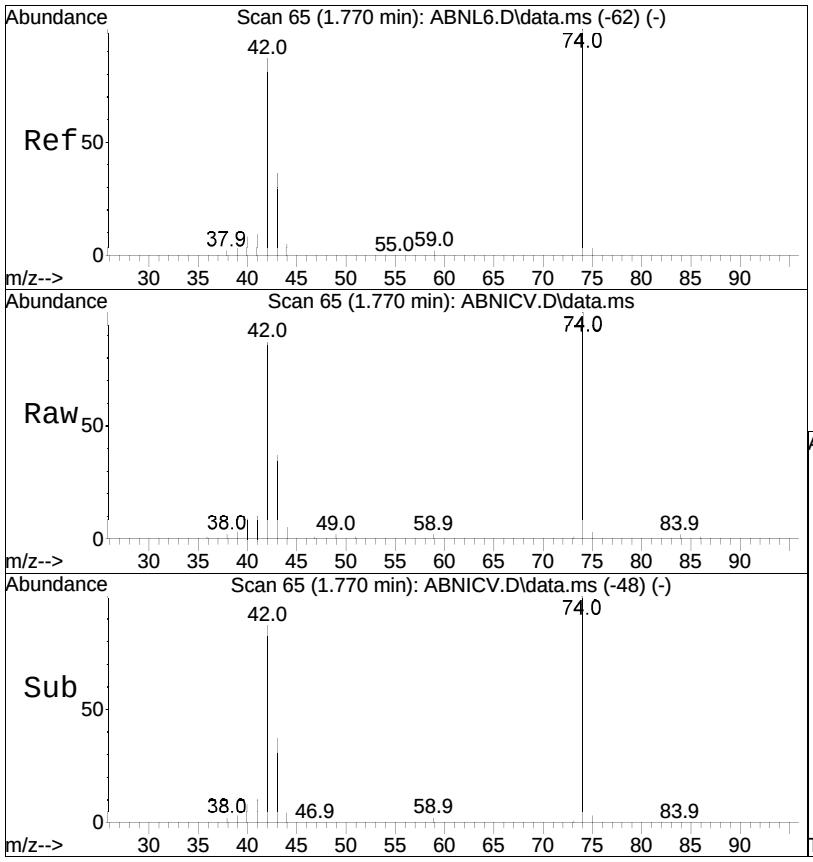
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ABNICV.D
Acq On : 07 Feb 2026 06:16 am
Operator : SV112:cmm
Sample : CQICV1,32,,ABNICV Lot # 12087
Misc : WG2174122,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 09 11:50:18 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:49:19 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistTICAL\AP9L6.D•

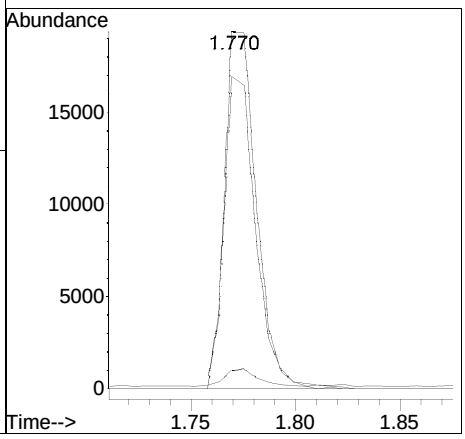


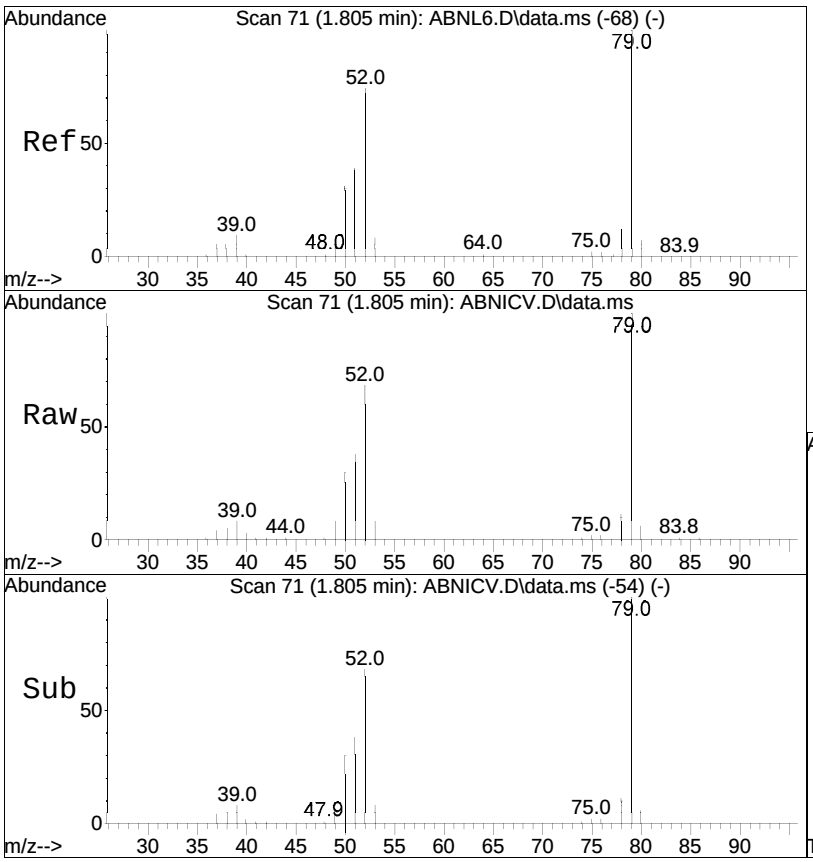


#2
n-Nitrosodimethylamine
Concen: 5.08 ug/ml
RT: 1.770 min Scan# 65
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 74 Resp: 20412

Ion	Ratio	Lower	Upper
74	100		
42	86.4	63.8	95.8
44	4.9	4.3	6.5

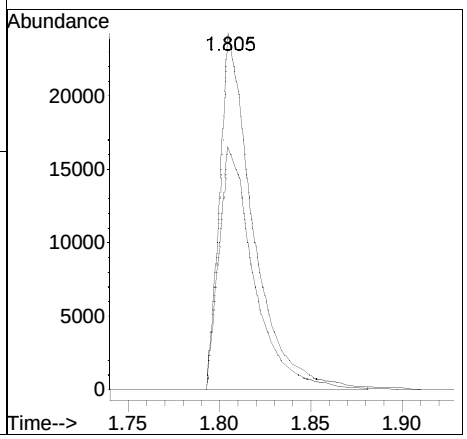


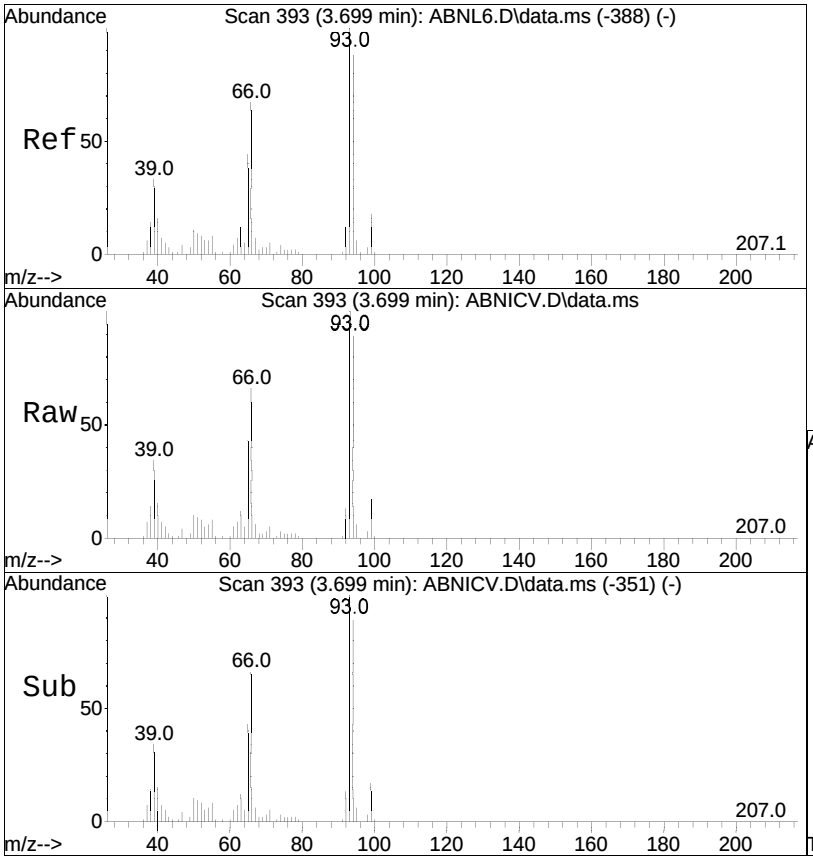


#3
Pyridine
Concen: 4.78 ug/ml
RT: 1.805 min Scan# 71
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 79 Resp: 30657

Ion	Ratio	Lower	Upper
79	100		
52	71.8	64.6	96.8

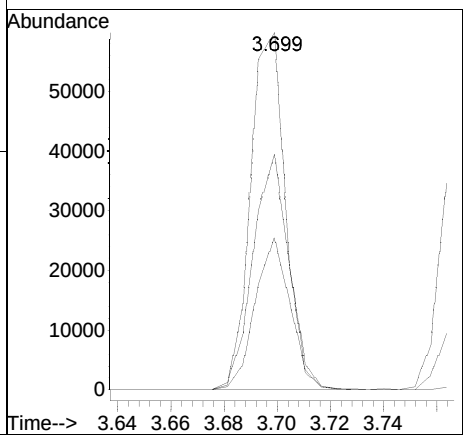


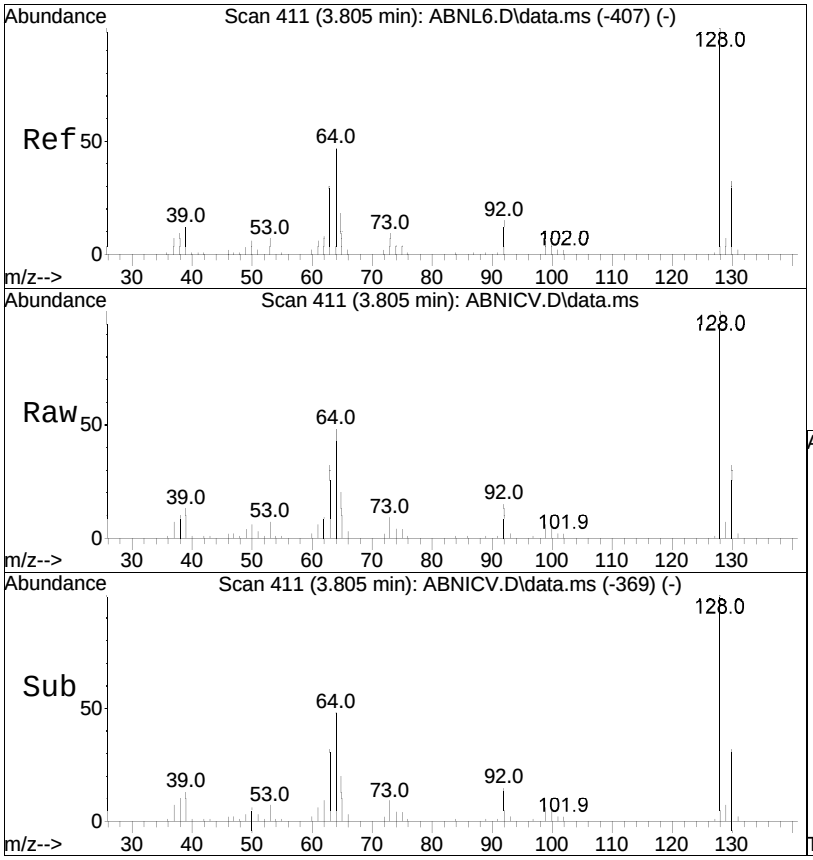


#5
Aniline
Concen: 4.99 ug/ml
RT: 3.699 min Scan# 393
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 93 Resp: 54299

Ion	Ratio	Lower	Upper
93	100		
66	68.6	31.3	46.9#
65	43.2	16.6	25.0#

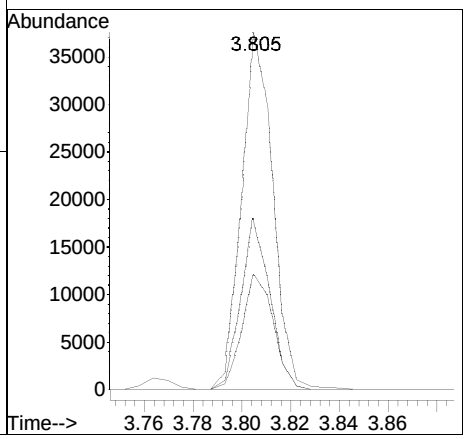


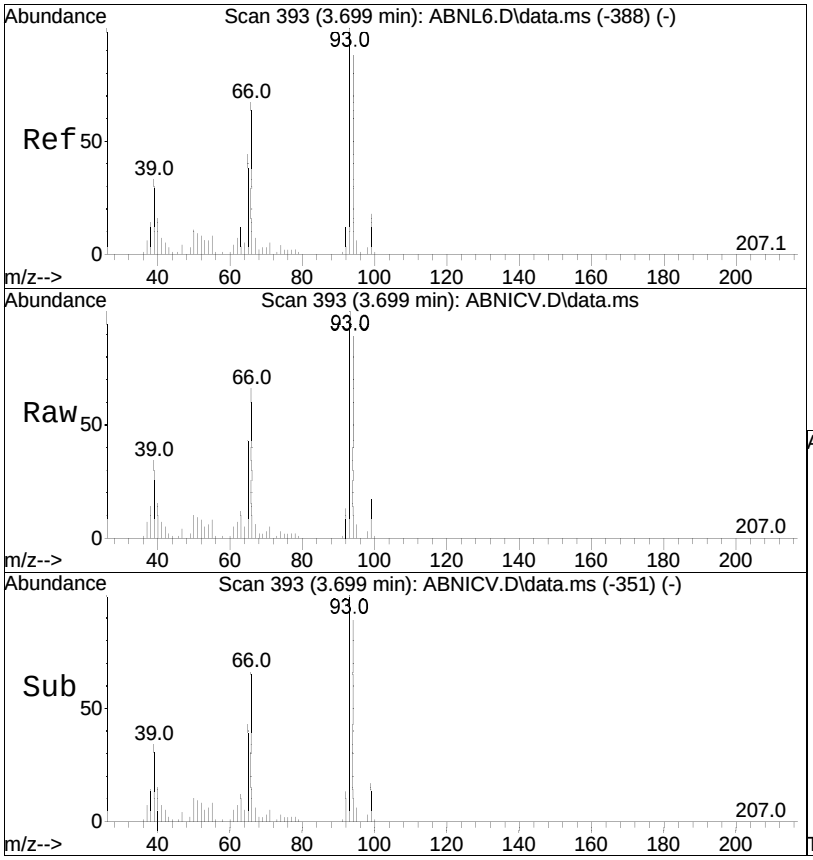


#6
2-Chlorophenol
Concen: 4.80 ug/ml
RT: 3.805 min Scan# 411
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:128 Resp: 33141

Ion	Ratio	Lower	Upper
128	100		
64	44.6	38.2	57.4
130	32.6	26.2	39.2

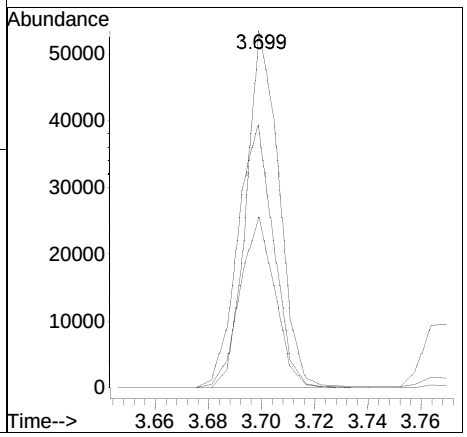


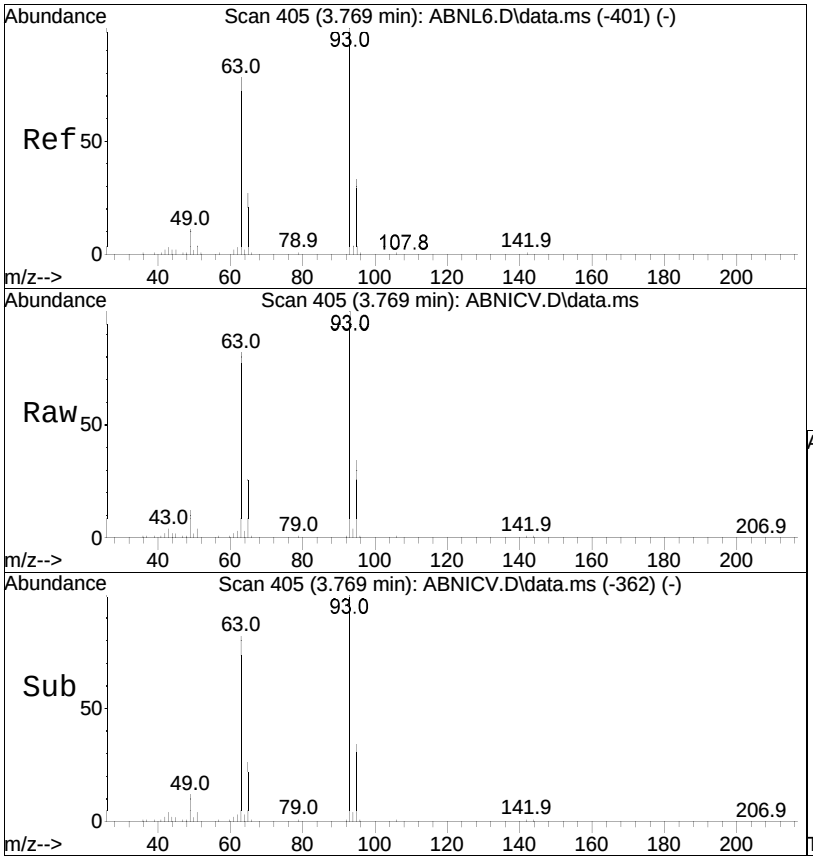


#8
Phenol
Concen: 5.10 ug/ml
RT: 3.699 min Scan# 393
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 94 Resp: 45670

Ion	Ratio	Lower	Upper
94	100		
65	51.3	23.0	34.6#
66	81.6	32.1	48.1#

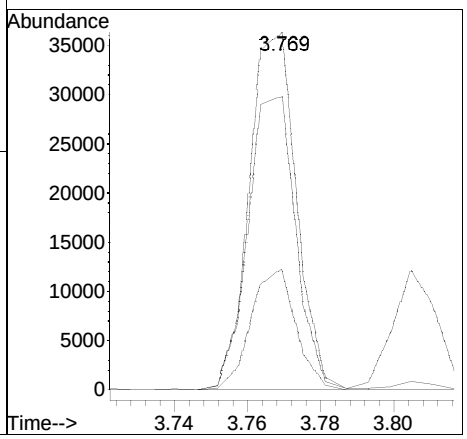


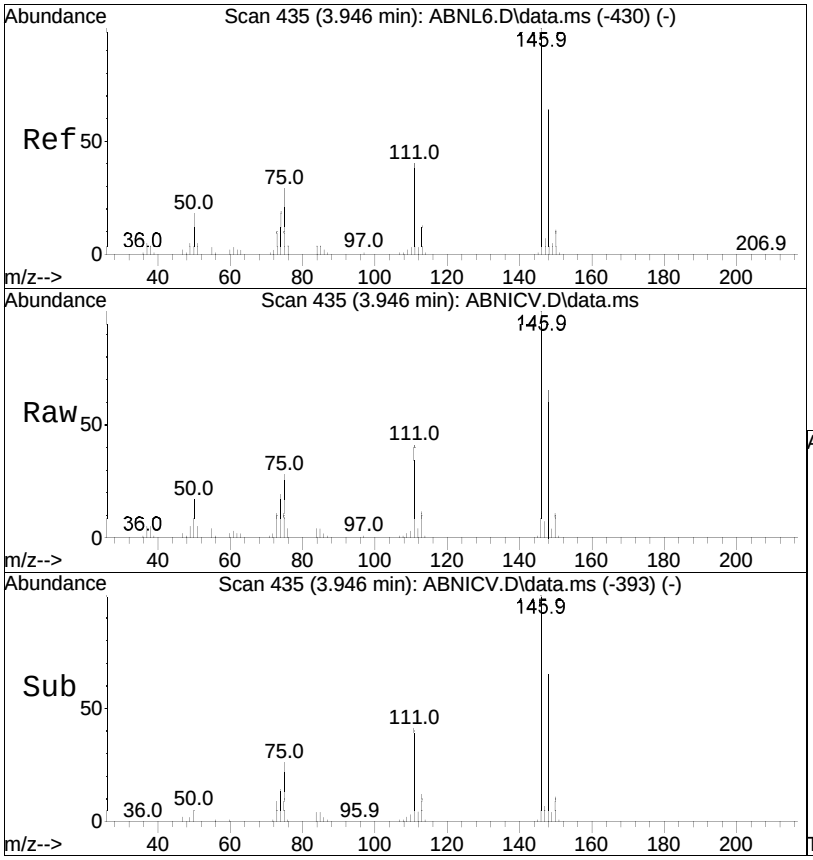


#9
Bis(2-chloroethyl)ether
Concen: 4.93 ug/ml
RT: 3.769 min Scan# 405
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 93 Resp: 32506

Ion	Ratio	Lower	Upper
93	100		
63	82.7	67.0	100.4
95	32.2	26.1	39.1

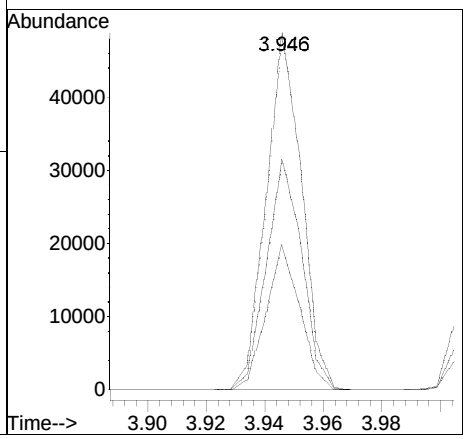


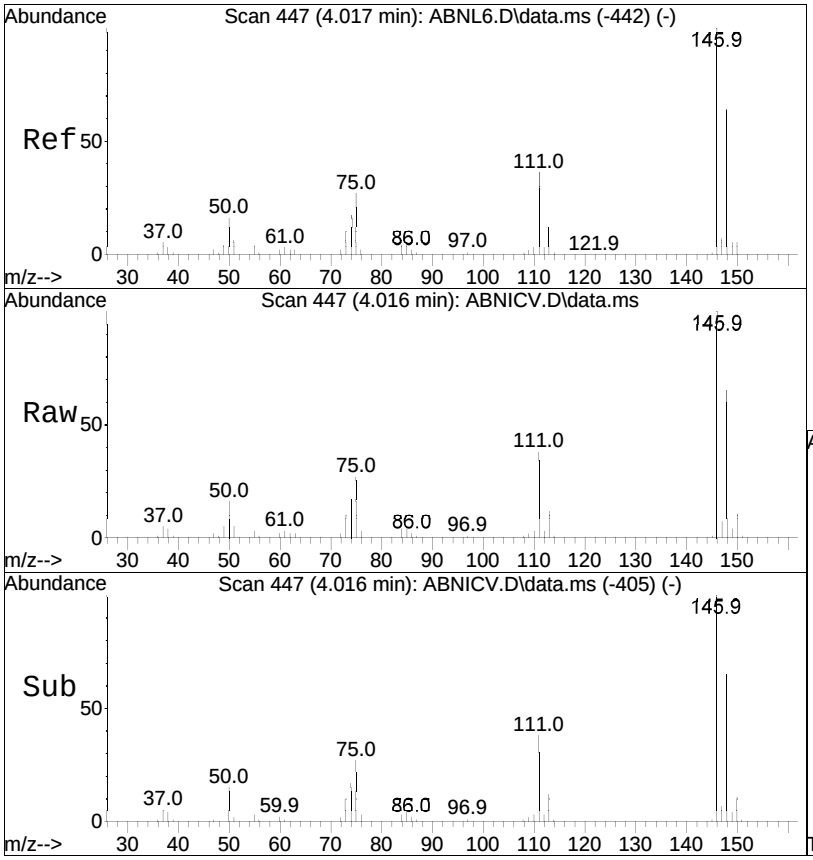


#10
1,3-Dichlorobenzene
Concen: 4.87 ug/ml
RT: 3.946 min Scan# 435
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:146 Resp: 40550

Ion	Ratio	Lower	Upper
146	100		
111	39.1	35.0	52.4
148	65.1	51.3	76.9

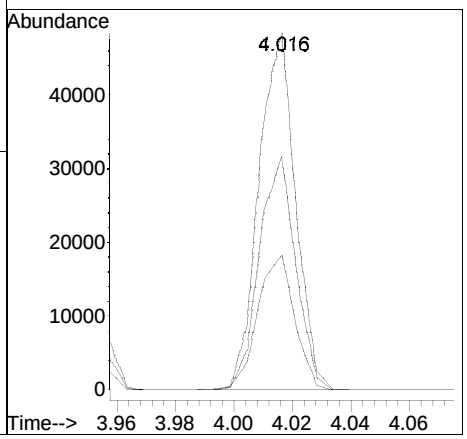


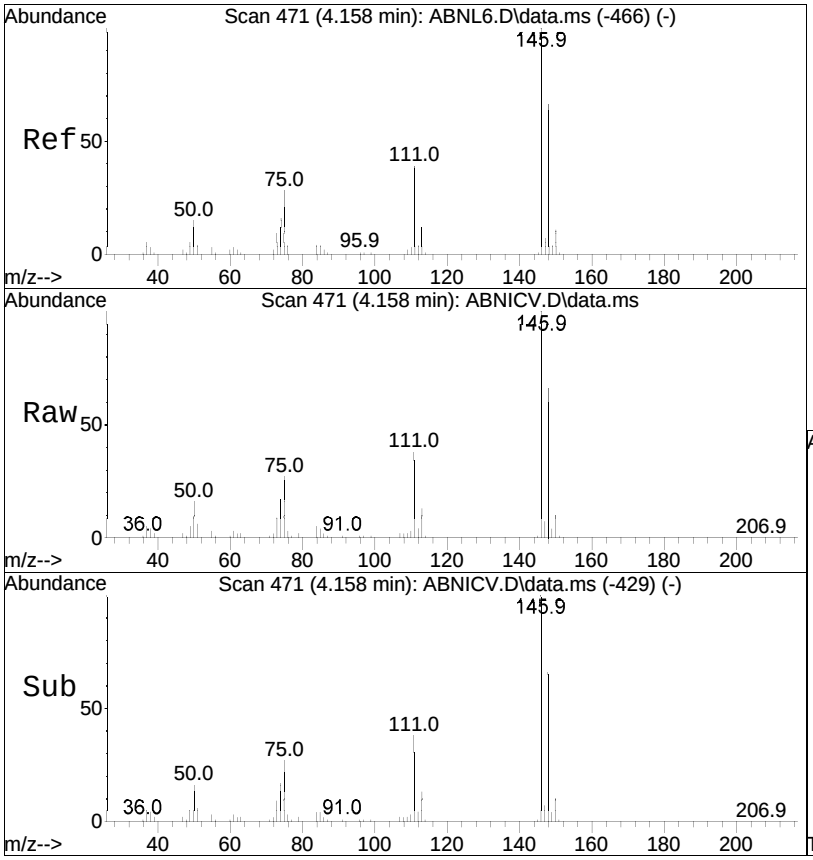


#11
1,4-Dichlorobenzene
Concen: 4.90 ug/ml
RT: 4.016 min Scan# 447
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:146 Resp: 41704

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	38.5	34.4	51.6

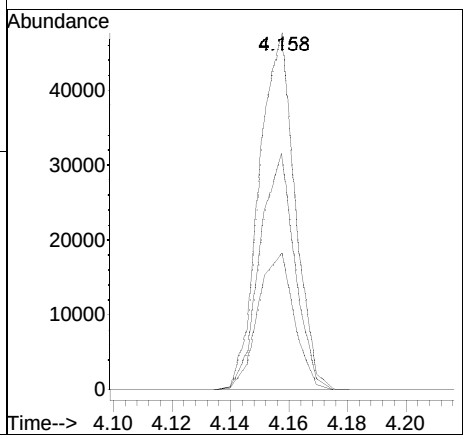


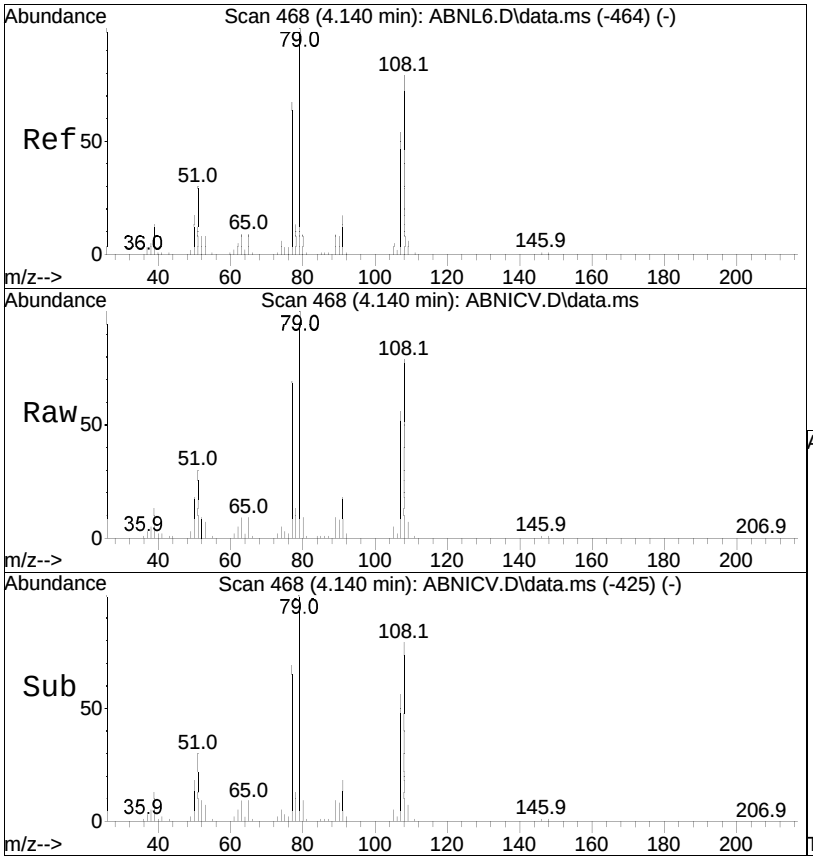


#12
1,2-Dichlorobenzene
Concen: 4.94 ug/ml
RT: 4.158 min Scan# 471
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:146 Resp: 40186

Ion	Ratio	Lower	Upper
146	100		
111	39.0	35.5	53.3
148	64.8	50.6	76.0

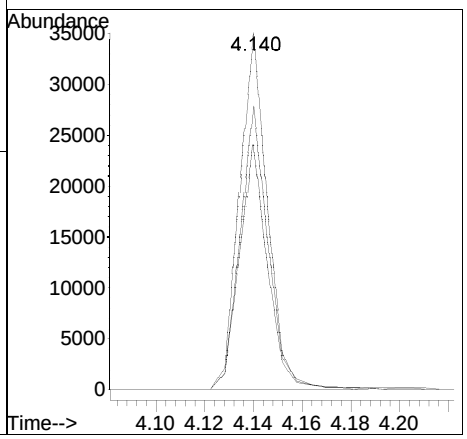


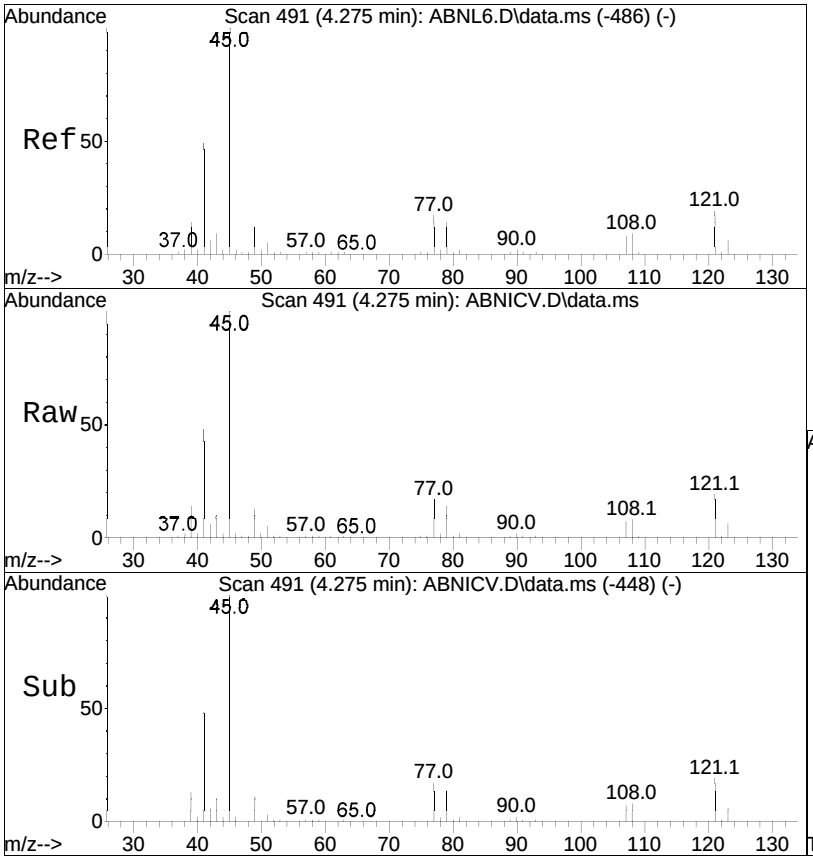


#13
Benzyl alcohol
Concen: 4.86 ug/ml
RT: 4.140 min Scan# 468
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 79 Resp: 27905

Ion	Ratio	Lower	Upper
79	100		
77	69.4	51.8	77.6
108	79.8	63.9	95.9

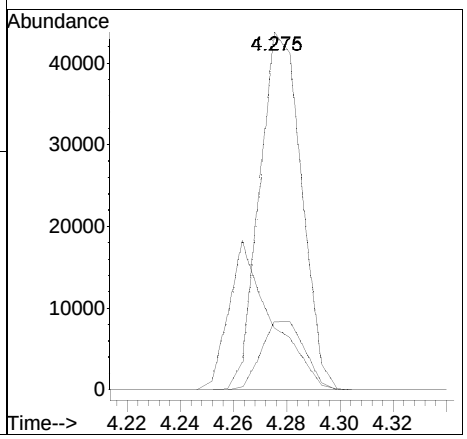


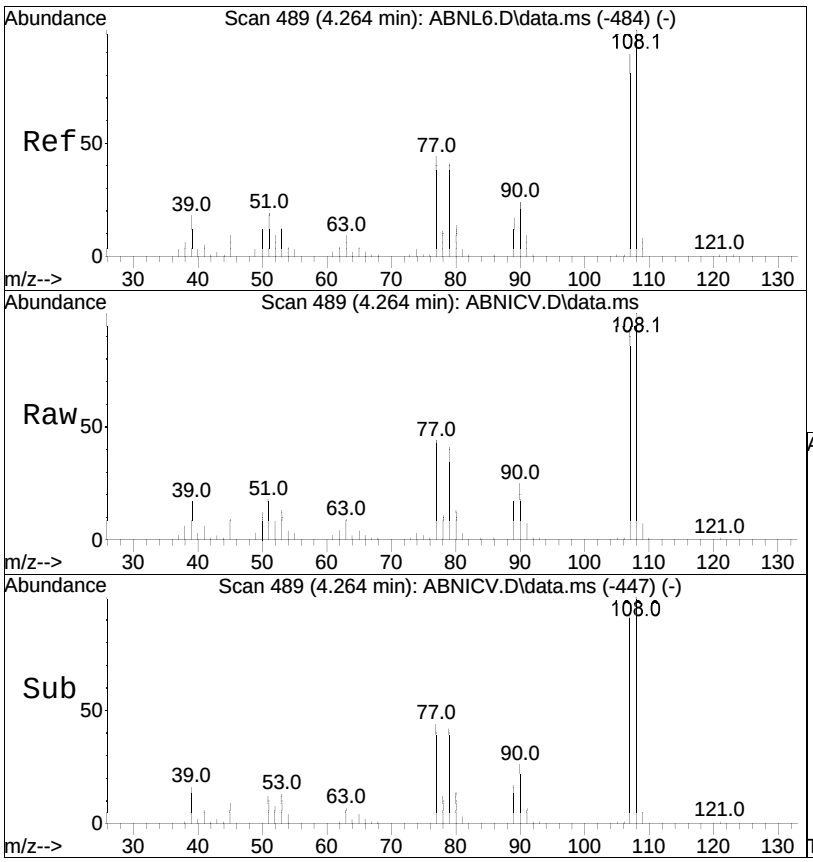


#14
Bis(2-chloroisopropyl)ether
Concen: 4.85 ug/ml
RT: 4.275 min Scan# 491
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 45 Resp: 47589

Ion	Ratio	Lower	Upper
45	100		
121	19.9	14.8	22.2
77	43.0	10.5	15.7#

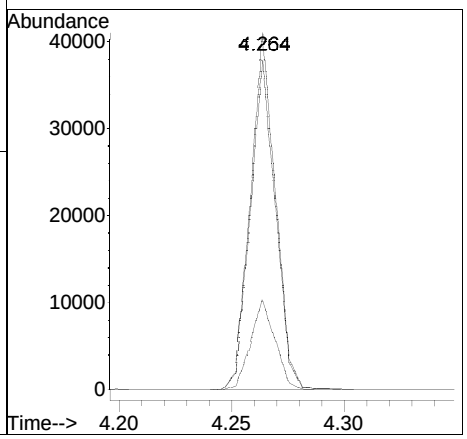


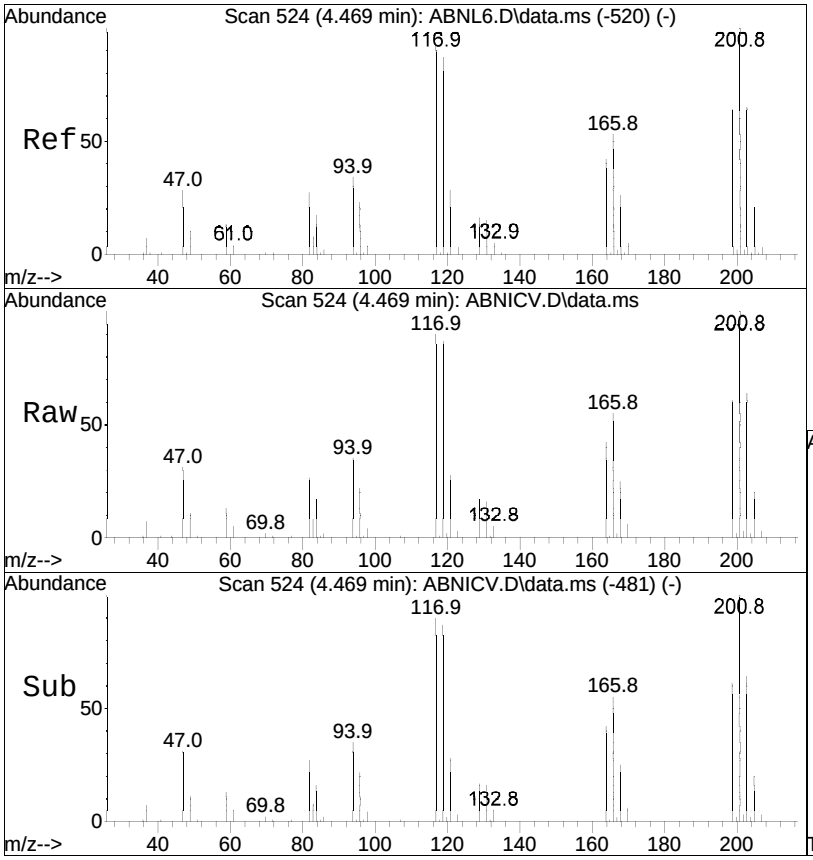


#15
2-Methylphenol
Concen: 5.17 ug/ml
RT: 4.264 min Scan# 489
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:108 Resp: 31401

Ion	Ratio	Lower	Upper
108	100		
107	92.5	71.0	106.4
90	24.8	19.7	29.5

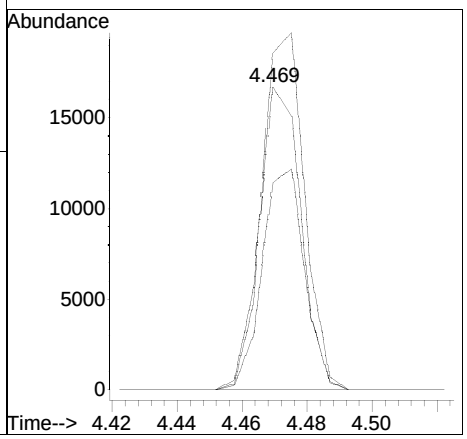


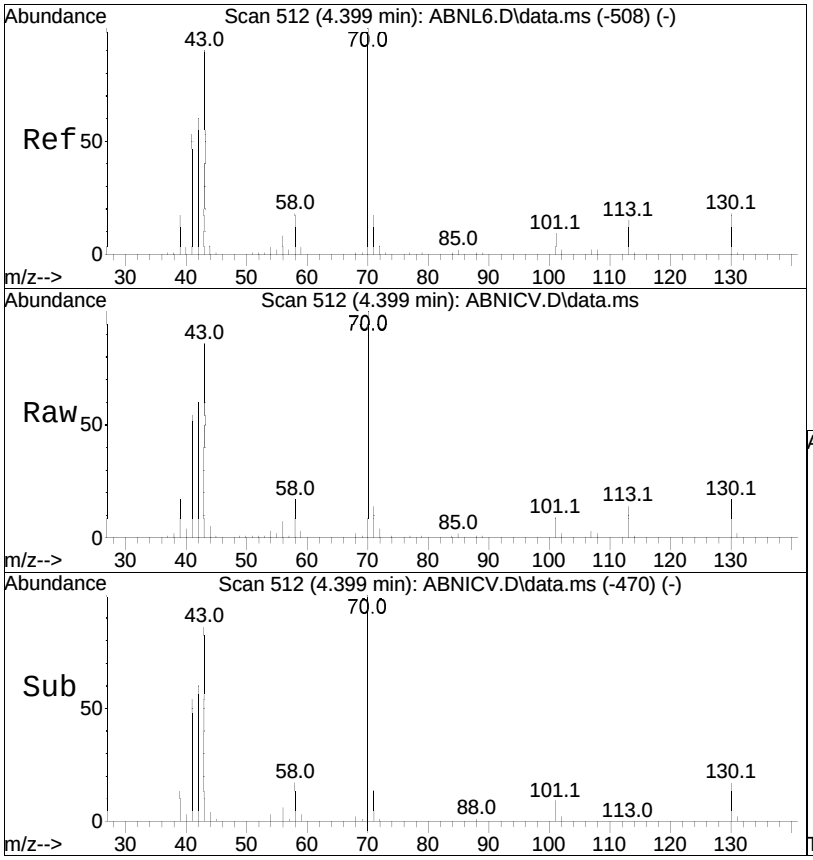


#16
Hexachloroethane
Concen: 4.90 ug/ml
RT: 4.469 min Scan# 524
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:117 Resp: 14970

Ion	Ratio	Lower	Upper
117	100		
201	119.3	64.4	96.6#
199	73.9	40.5	60.7#

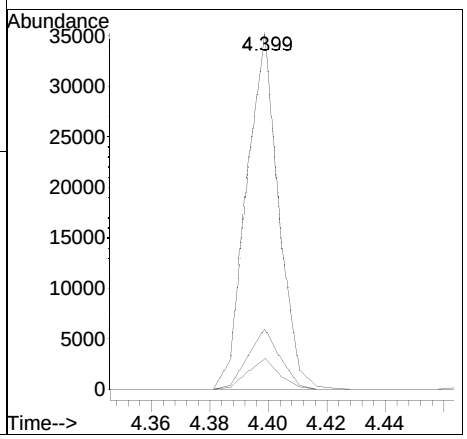


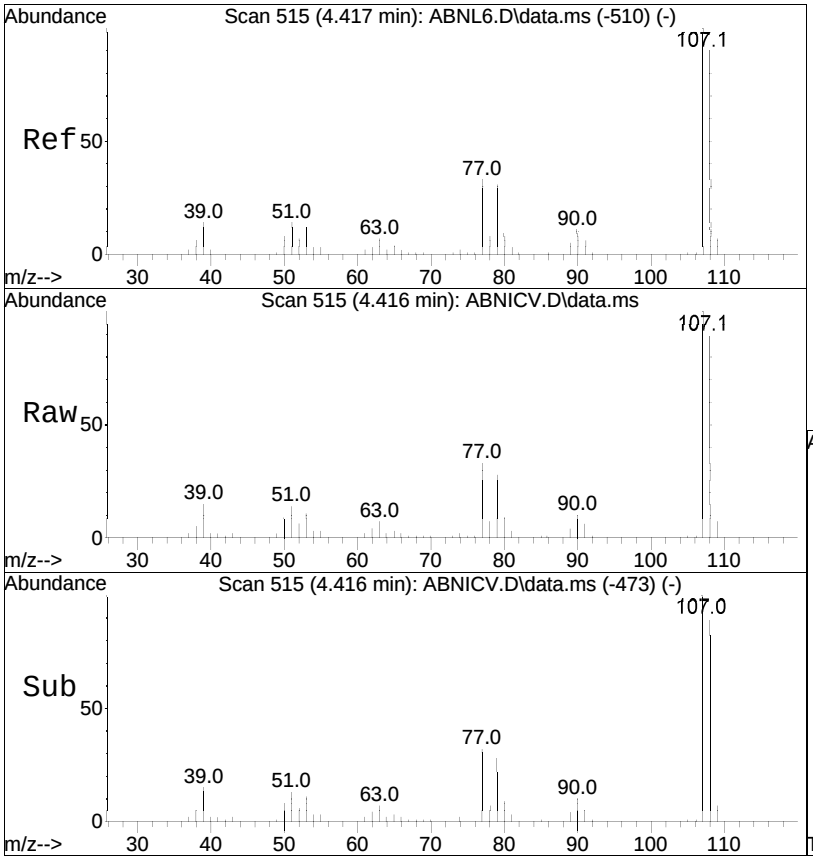


#17
n-Nitrosodi-n-propylamine
Concen: 5.11 ug/ml
RT: 4.399 min Scan# 512
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 70 Resp: 26754

Ion	Ratio	Lower	Upper
70	100		
130	17.1	16.2	24.4
101	8.5	7.6	11.4

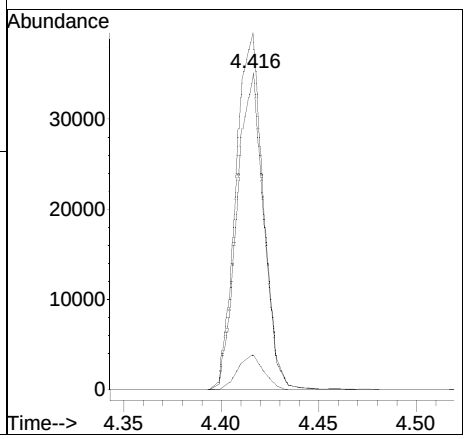


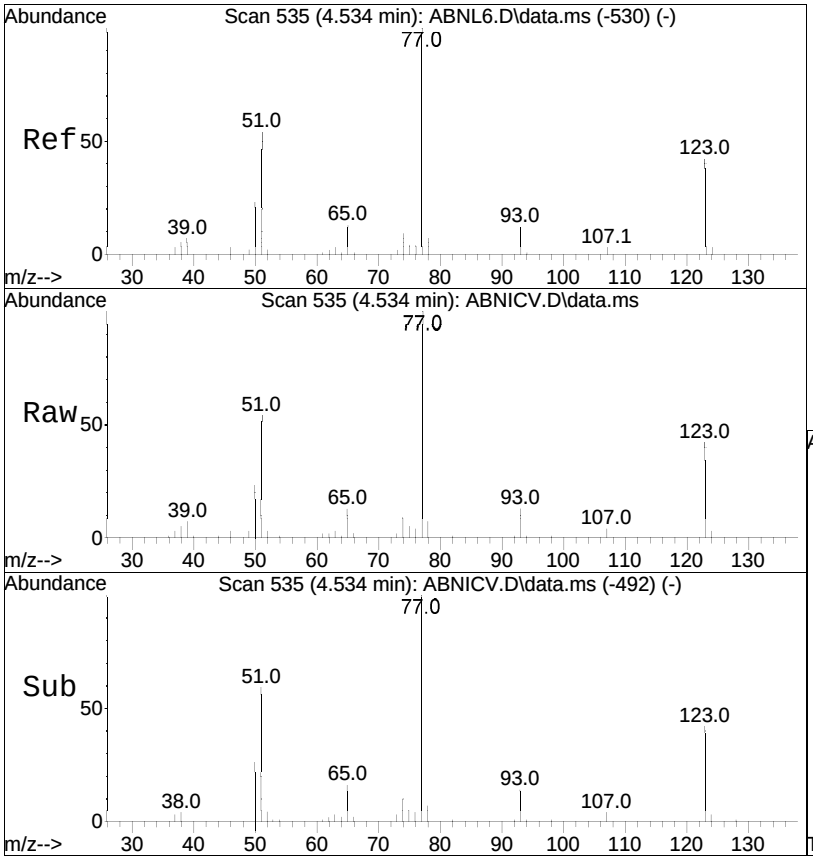


#18
3-Methylphenol/4-Methylphenol
Concen: 5.10 ug/ml
RT: 4.416 min Scan# 515
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:108 Resp: 33189

Ion	Ratio	Lower	Upper
108	100		
107	116.0	88.8	133.2
90	10.9	9.0	13.6

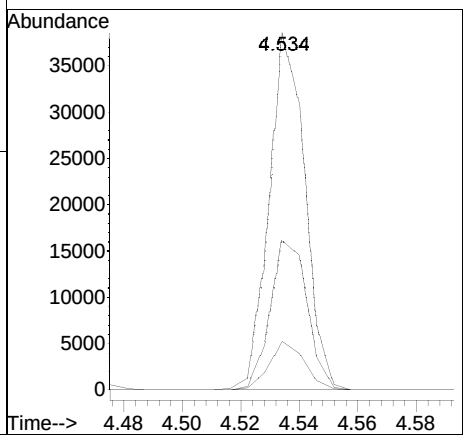


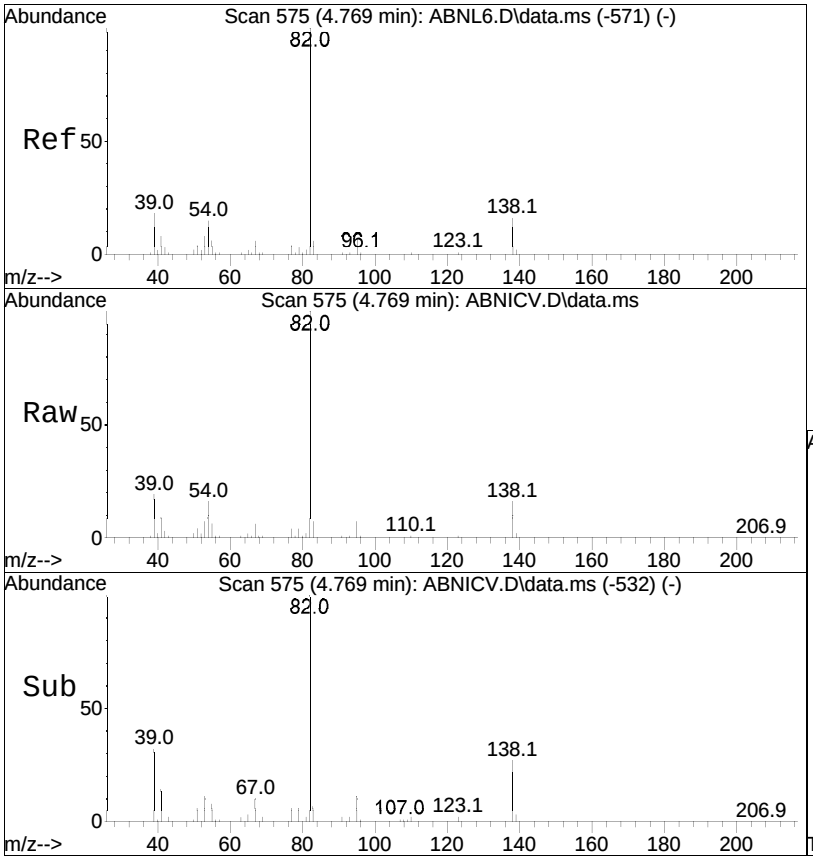


#20
Nitrobenzene
Concen: 4.73 ug/ml
RT: 4.534 min Scan# 535
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 77 Resp: 32461

Ion	Ratio	Lower	Upper
77	100		
123	43.4	37.3	55.9
65	13.5	10.9	16.3

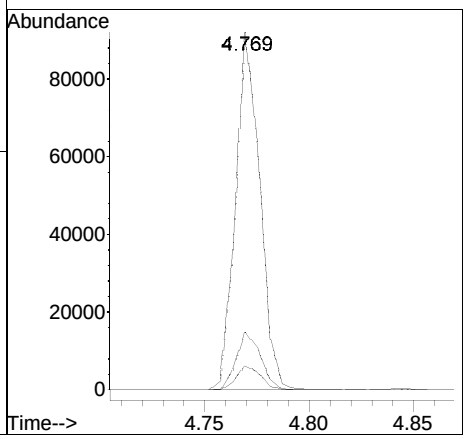


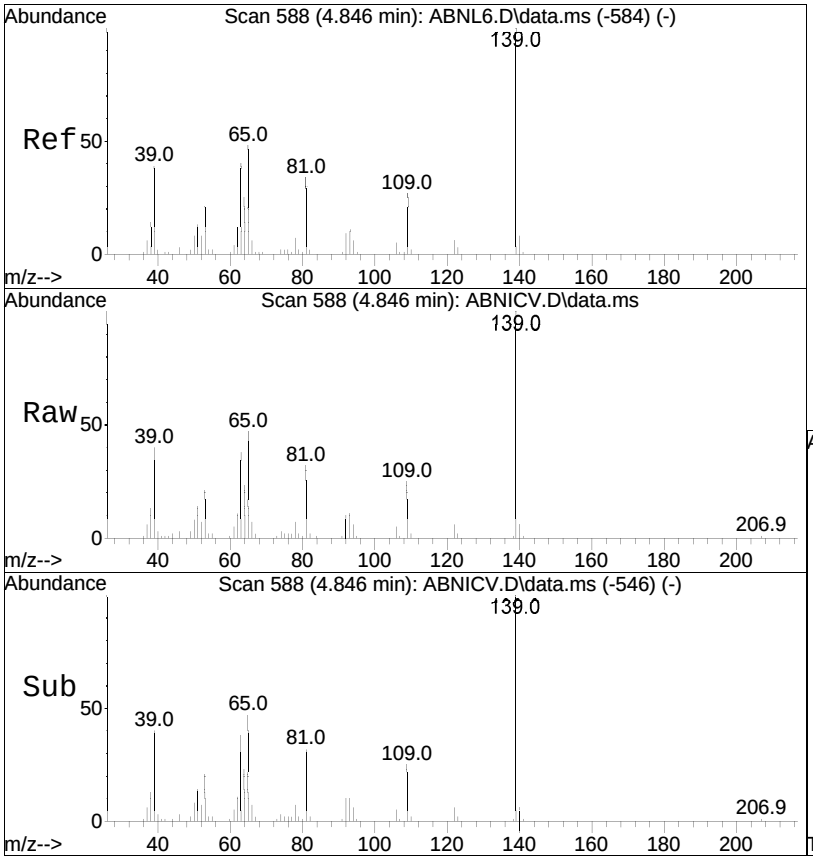


#21
Isophorone
Concen: 4.93 ug/ml
RT: 4.769 min Scan# 575
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 82 Resp: 73499

Ion	Ratio	Lower	Upper
82	100		
138	16.3	13.0	19.4
95	6.9	5.5	8.3

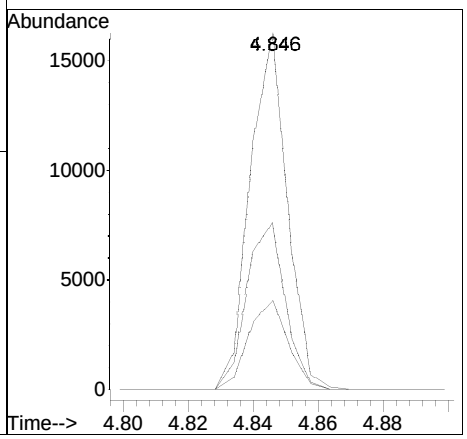


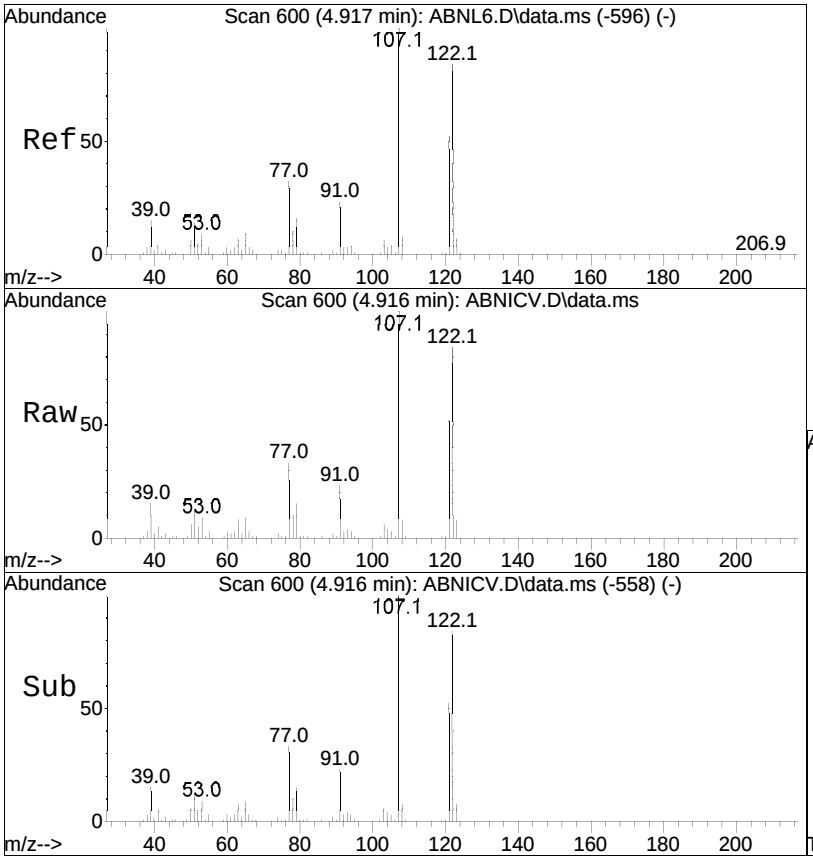


#22
2-Nitrophenol
Concen: 4.29 ug/ml
RT: 4.846 min Scan# 588
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:139 Resp: 12838

Ion	Ratio	Lower	Upper
139	100		
109	26.7	23.1	34.7
65	48.8	41.4	62.2

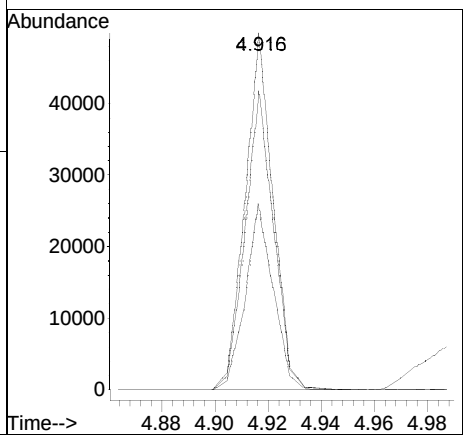


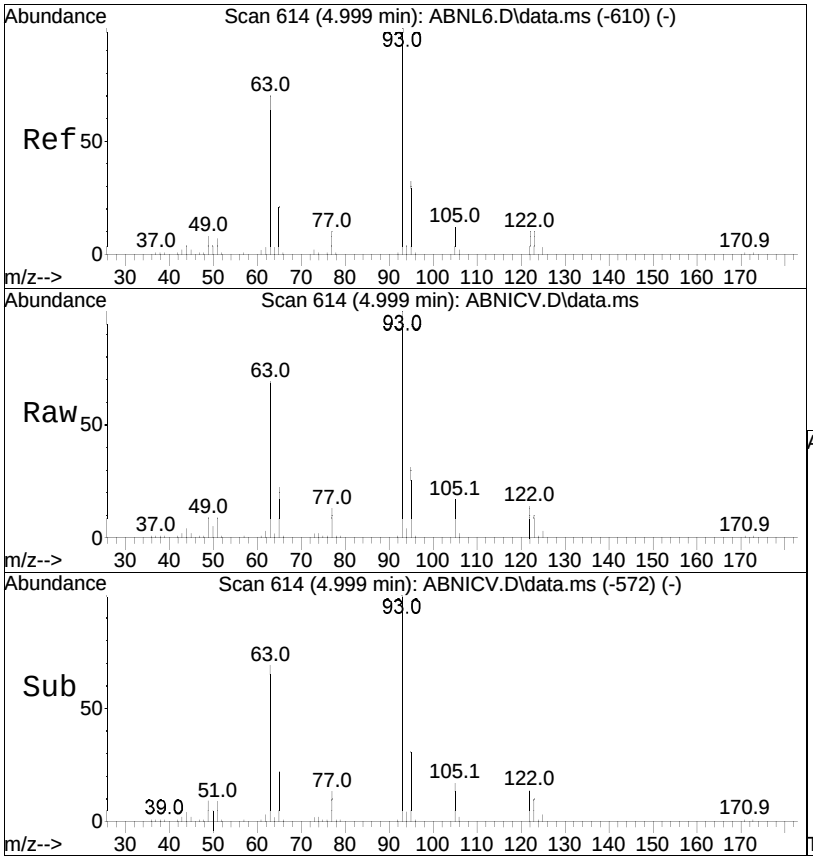


#23
2,4-Dimethylphenol
Concen: 5.05 ug/ml
RT: 4.916 min Scan# 600
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:107 Resp: 36202

Ion	Ratio	Lower	Upper
107	100		
121	52.0	41.3	61.9
122	85.1	69.3	103.9

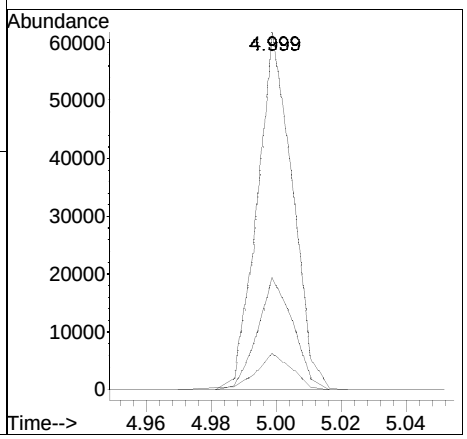


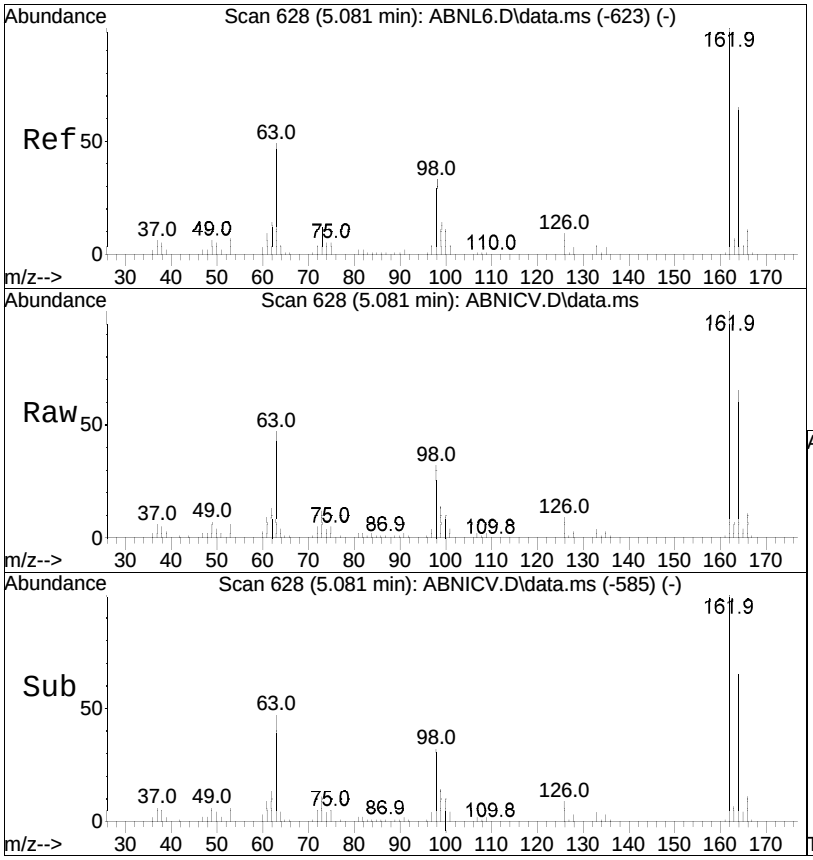


#24
Bis(2-chloroethoxy)methane
Concen: 4.97 ug/ml
RT: 4.999 min Scan# 614
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 93 Resp: 45911

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	10.9	9.6	14.4

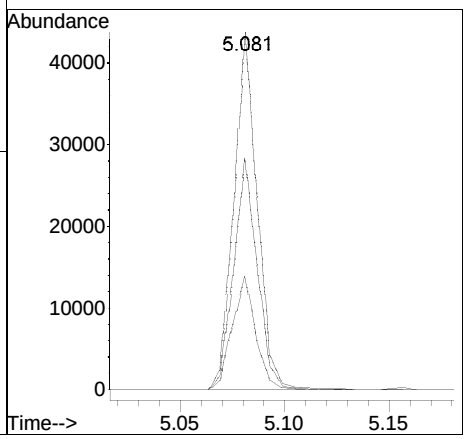


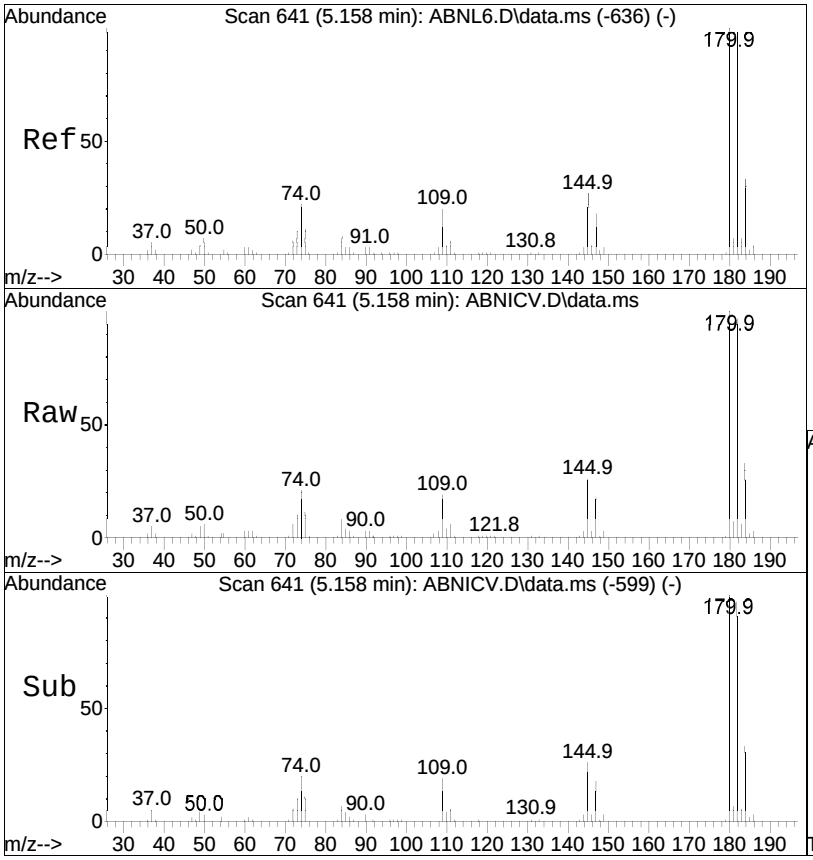


#25
2,4-Dichlorophenol
Concen: 4.97 ug/ml
RT: 5.081 min Scan# 628
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:162 Resp: 33704

Ion	Ratio	Lower	Upper
162	100		
164	65.3	51.1	76.7
98	32.0	32.2	48.2#

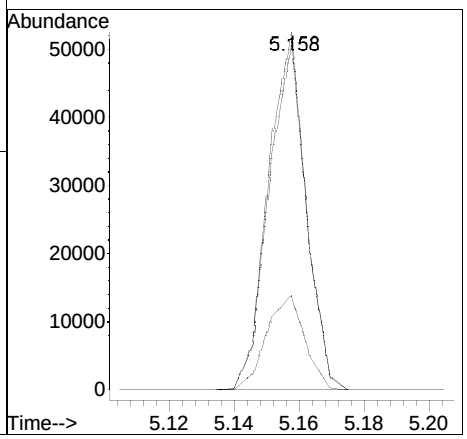


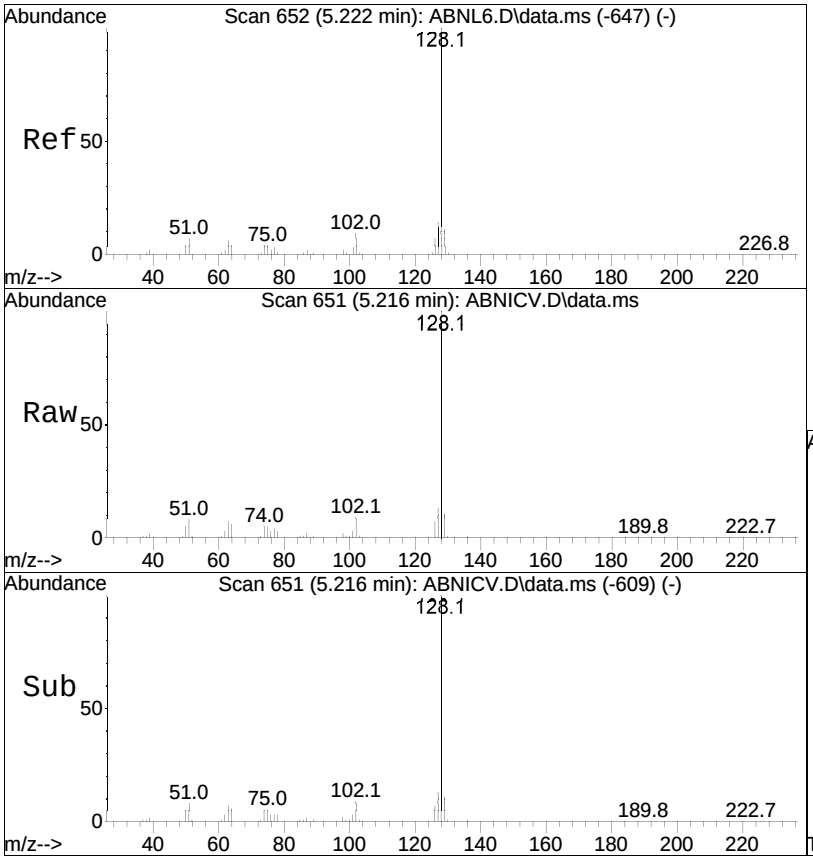


#26
1,2,4-Trichlorobenzene
Concen: 4.95 ug/ml
RT: 5.158 min Scan# 641
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:180 Resp: 41752

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.8
145	27.2	26.3	39.5

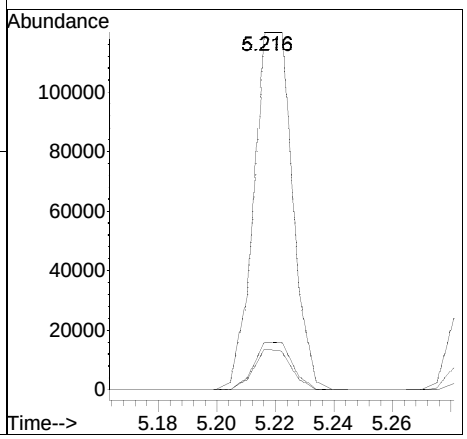


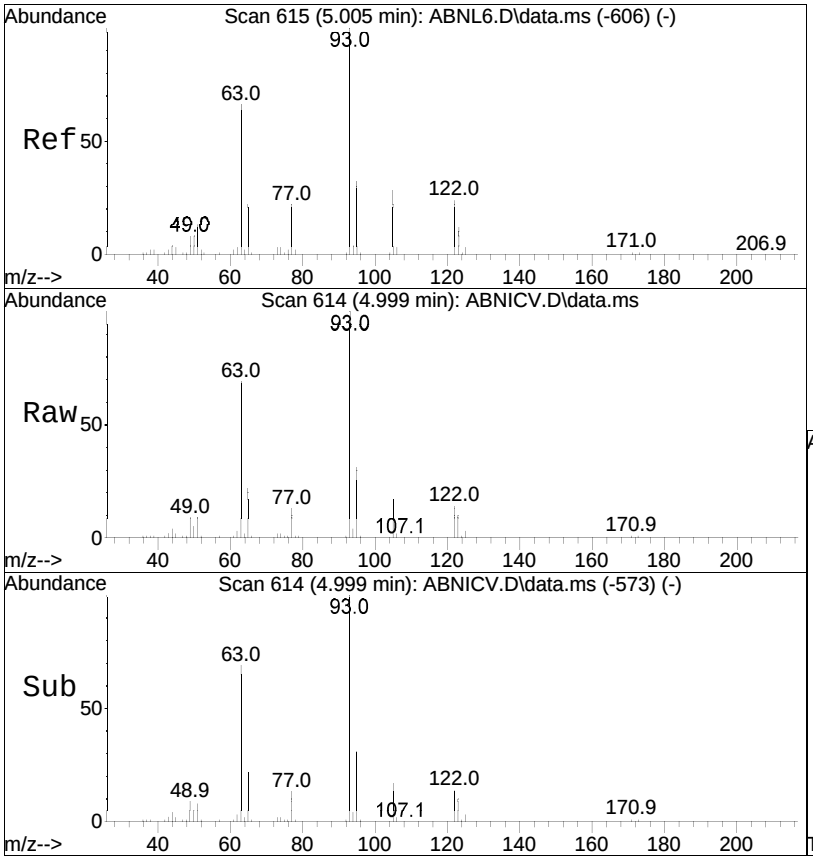


#36
Naphthalene
Concen: 4.93 ug/ml
RT: 5.216 min Scan# 651
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:128 Resp: 108891

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.3	10.6	15.8

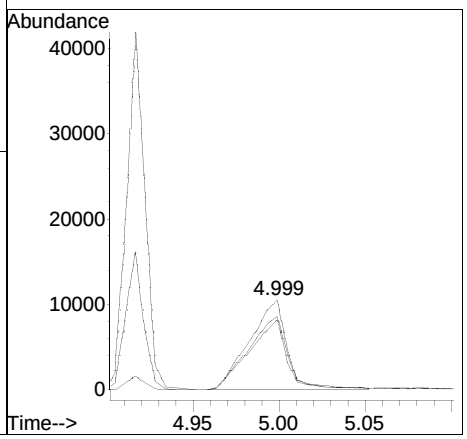


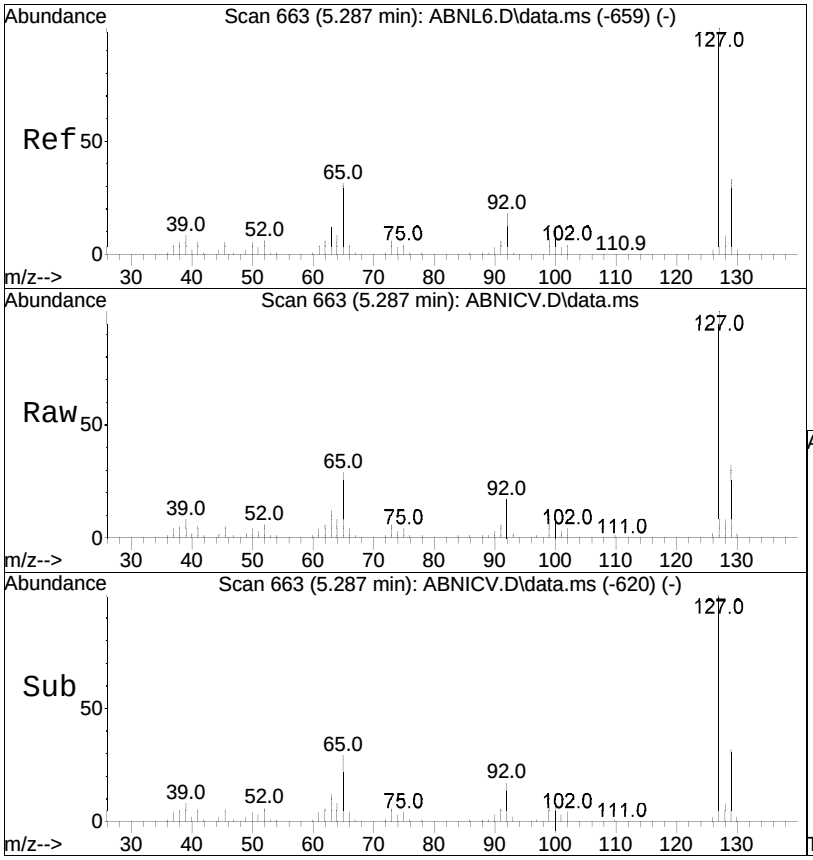


#37
Benzoic Acid
Concen: 3.59 ug/ml
RT: 4.999 min Scan# 614
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:105 Resp: 16345

Ion	Ratio	Lower	Upper
105	100		
122	87.0	62.6	93.8
77	79.8	59.1	88.7

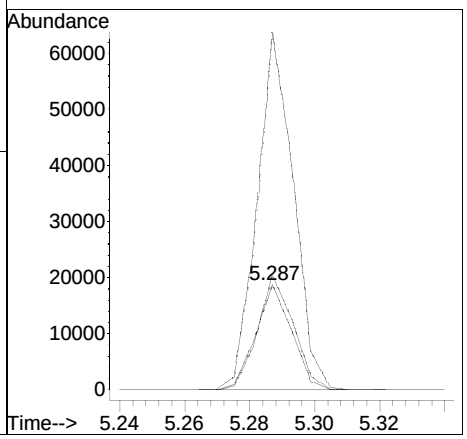


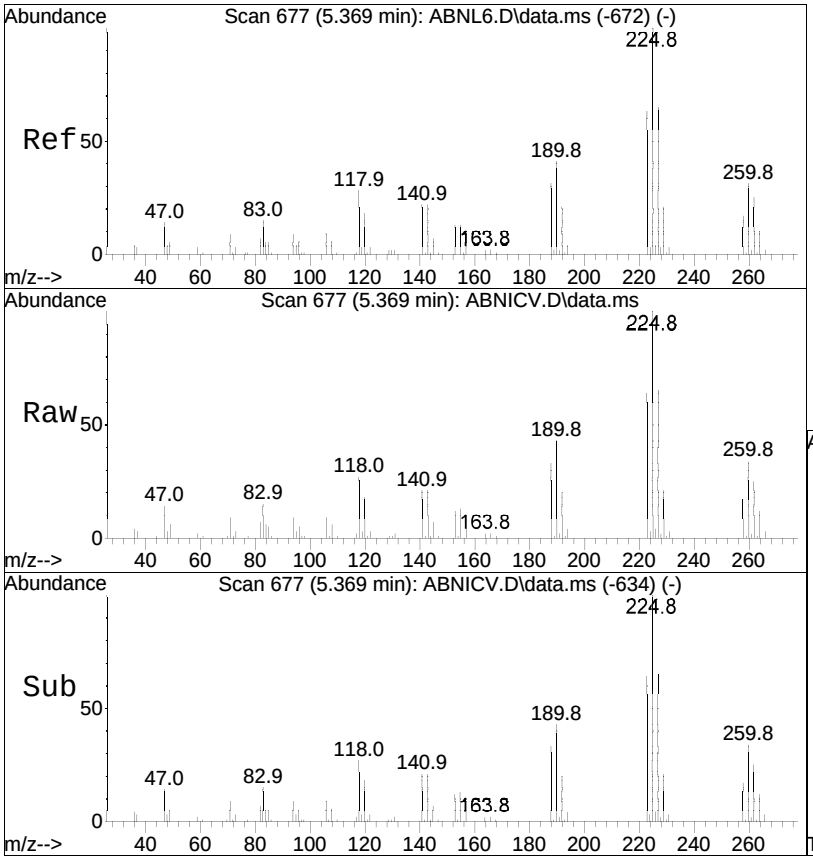


#38
4-Chloroaniline
Concen: 4.93 ug/ml
RT: 5.287 min Scan# 663
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 65 Resp: 14343

Ion	Ratio	Lower	Upper
65	100		
127	340.9	266.2	399.4
129	108.7	85.0	127.4

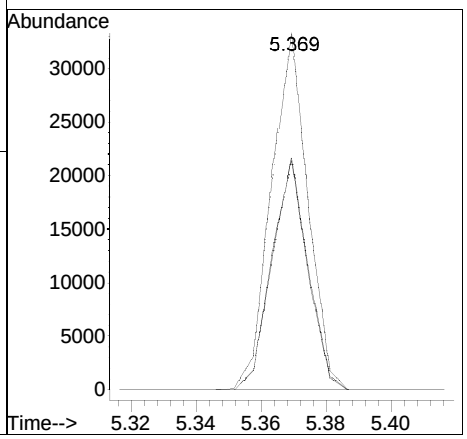


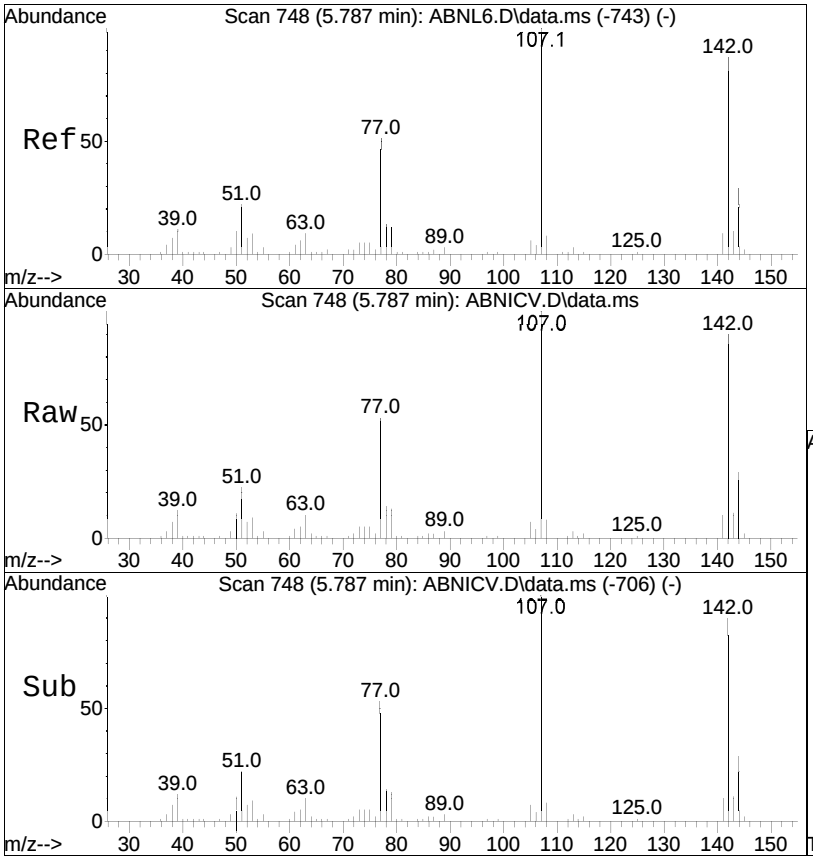


#39
Hexachlorobutadiene
Concen: 4.80 ug/ml
RT: 5.369 min Scan# 677
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:225 Resp: 25918

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.5	75.7
227	63.9	50.4	75.6

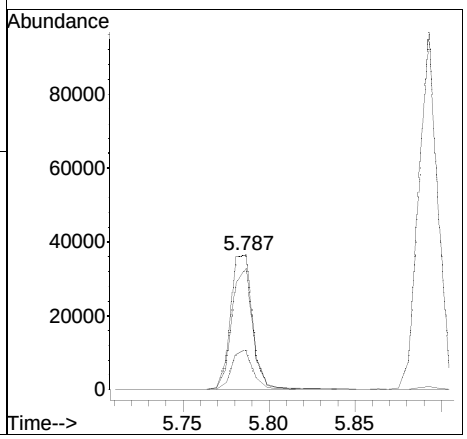


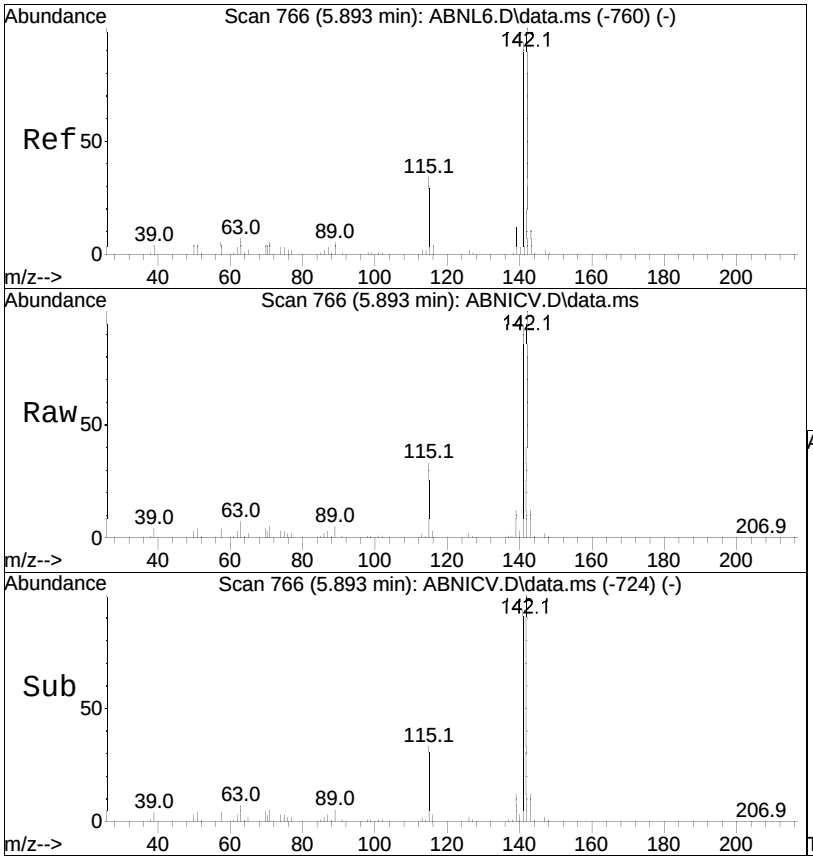


#40
p-Chloro-m-cresol
Concen: 5.02 ug/ml
RT: 5.787 min Scan# 748
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:107 Resp: 32825

Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.3	30.5
142	85.1	63.8	95.6

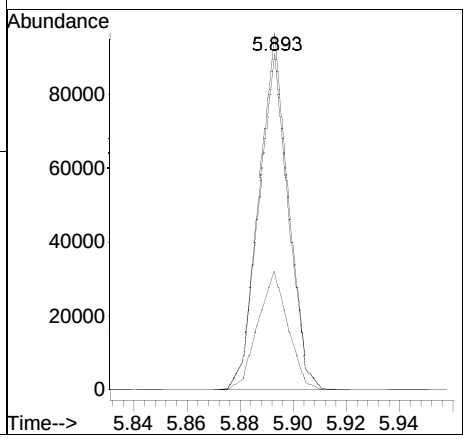


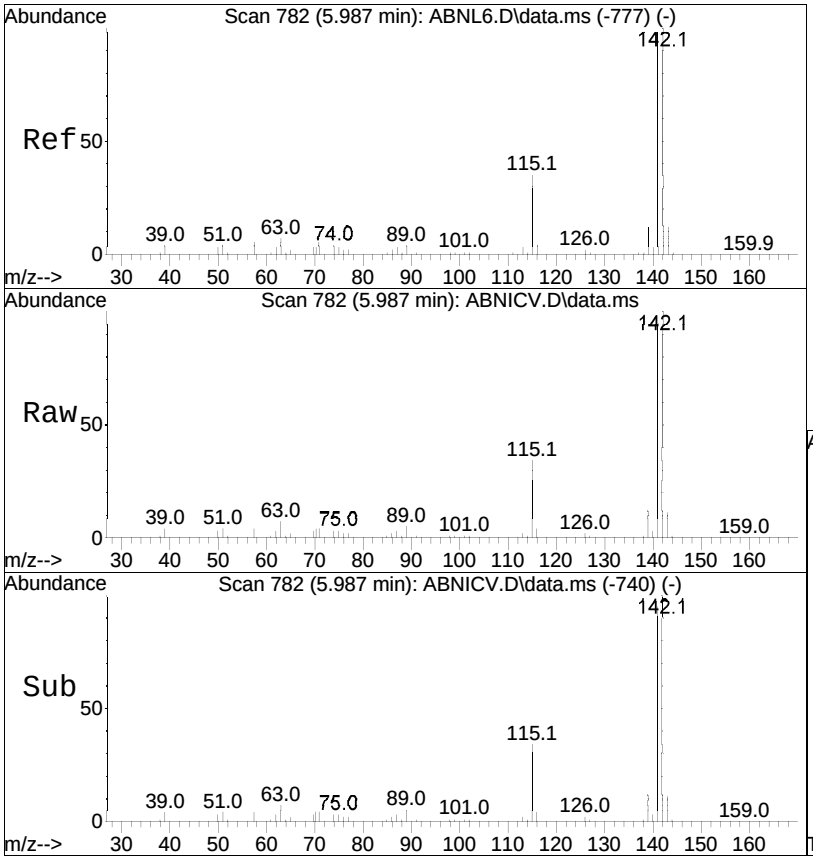


#41
2-Methylnaphthalene
Concen: 4.96 ug/ml
RT: 5.893 min Scan# 766
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:142 Resp: 74063

Ion	Ratio	Lower	Upper
142	100		
141	94.2	72.2	108.4
115	33.9	27.8	41.6

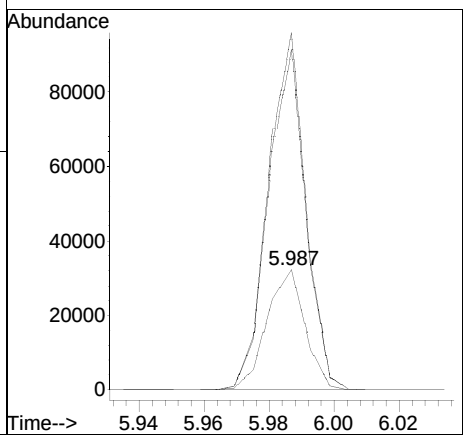


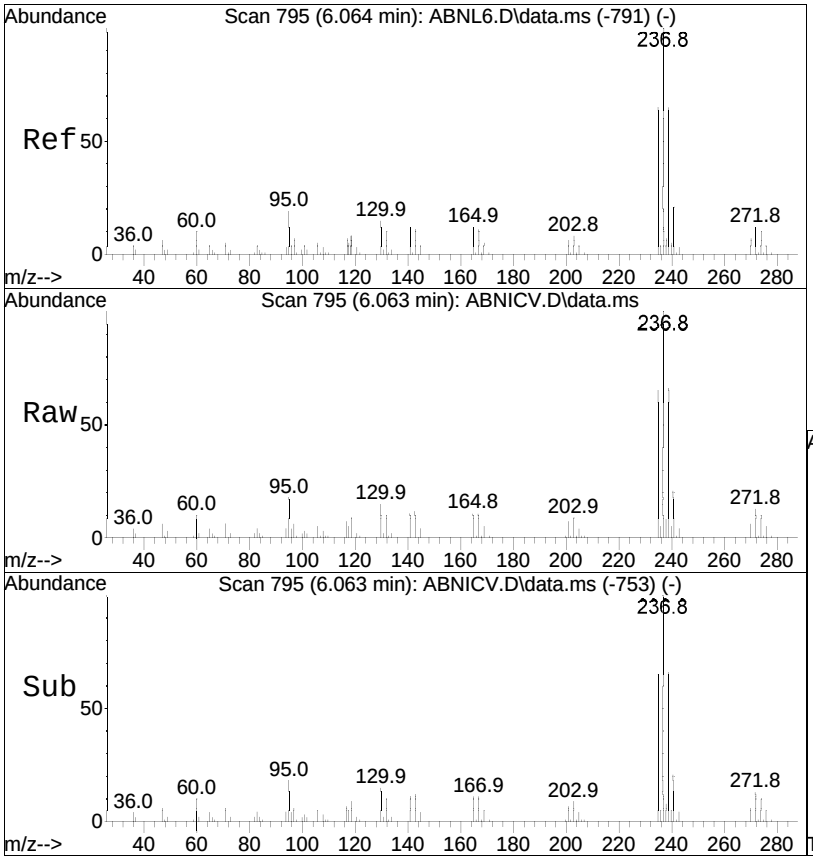


#42
1-Methylnaphthalene
Concen: 4.88 ug/ml
RT: 5.987 min Scan# 782
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:115 Resp: 26362

Ion	Ratio	Lower	Upper
115	100		
141	276.5	205.4	308.2
142	289.9	220.2	330.4

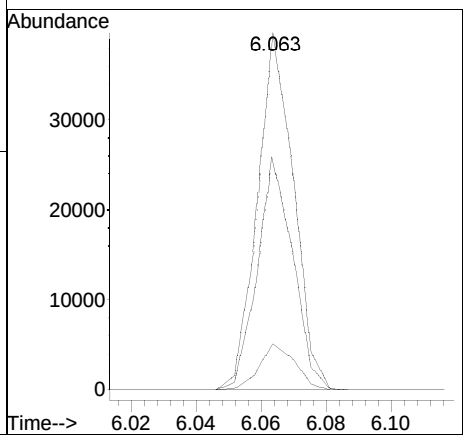


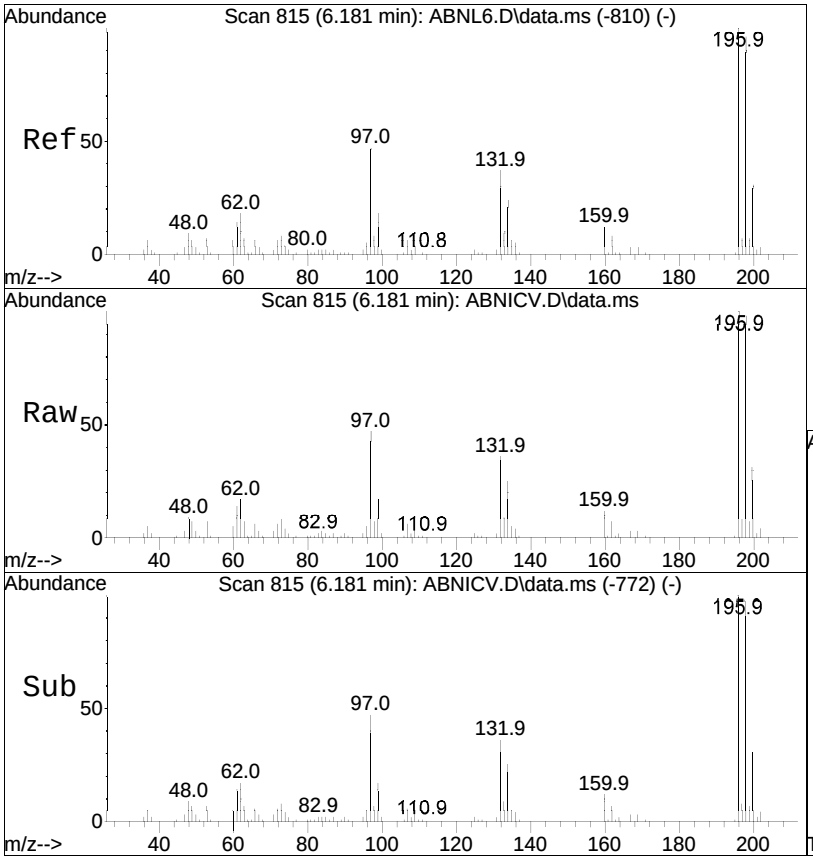


#43
Hexachlorocyclopentadiene
Concen: 4.88 ug/ml
RT: 6.063 min Scan# 795
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:237 Resp: 30520

Ion	Ratio	Lower	Upper
237	100		
235	64.2	50.9	76.3
272	12.9	10.1	15.1

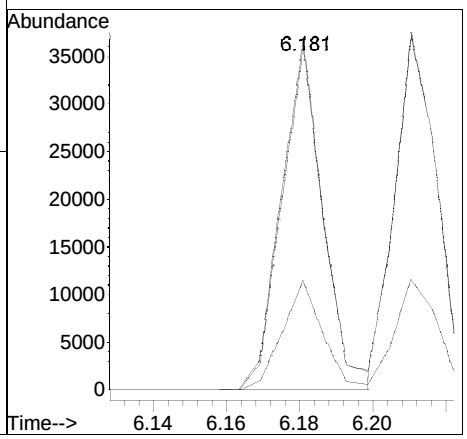


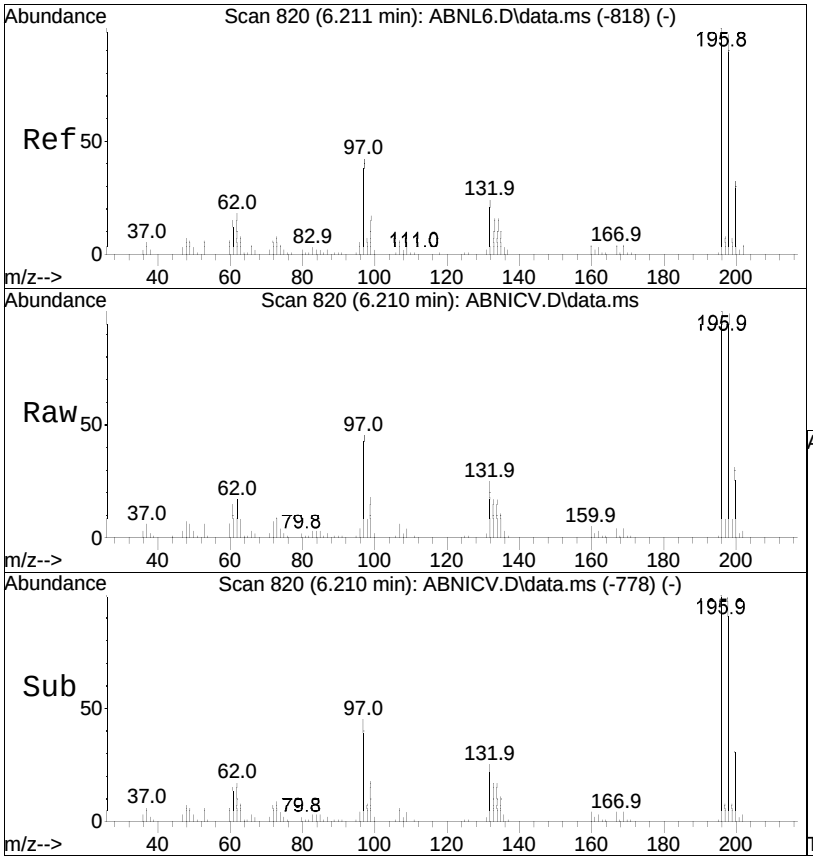


#44
2,4,6-Trichlorophenol
Concen: 4.91 ug/ml
RT: 6.181 min Scan# 815
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:196 Resp: 29087

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.4	114.6
200	30.6	24.4	36.6

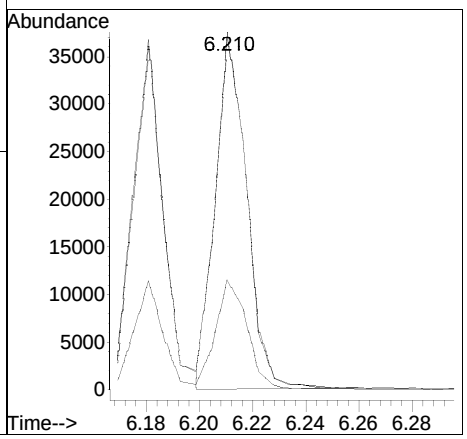


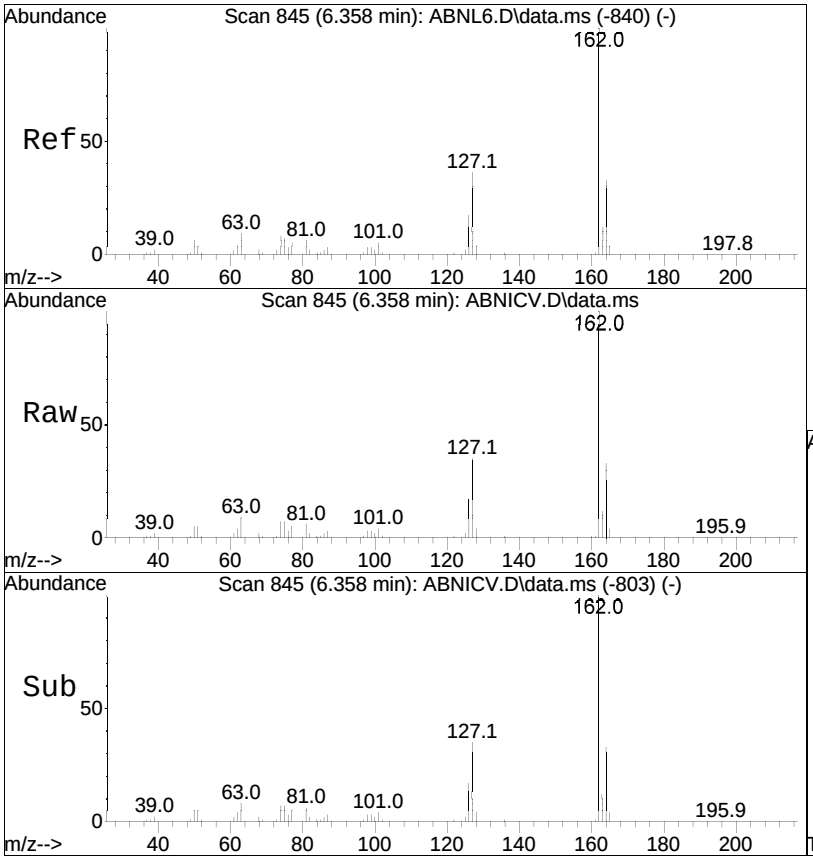


#45
2,4,5-Trichlorophenol
Concen: 4.83 ug/ml
RT: 6.210 min Scan# 820
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:196 Resp: 30623

Ion	Ratio	Lower	Upper
196	100		
200	31.6	24.2	36.4
198	101.5	76.2	114.2

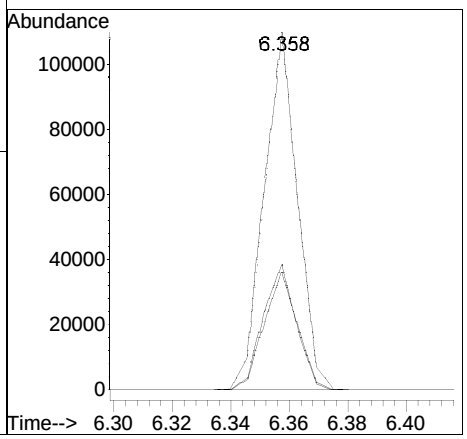


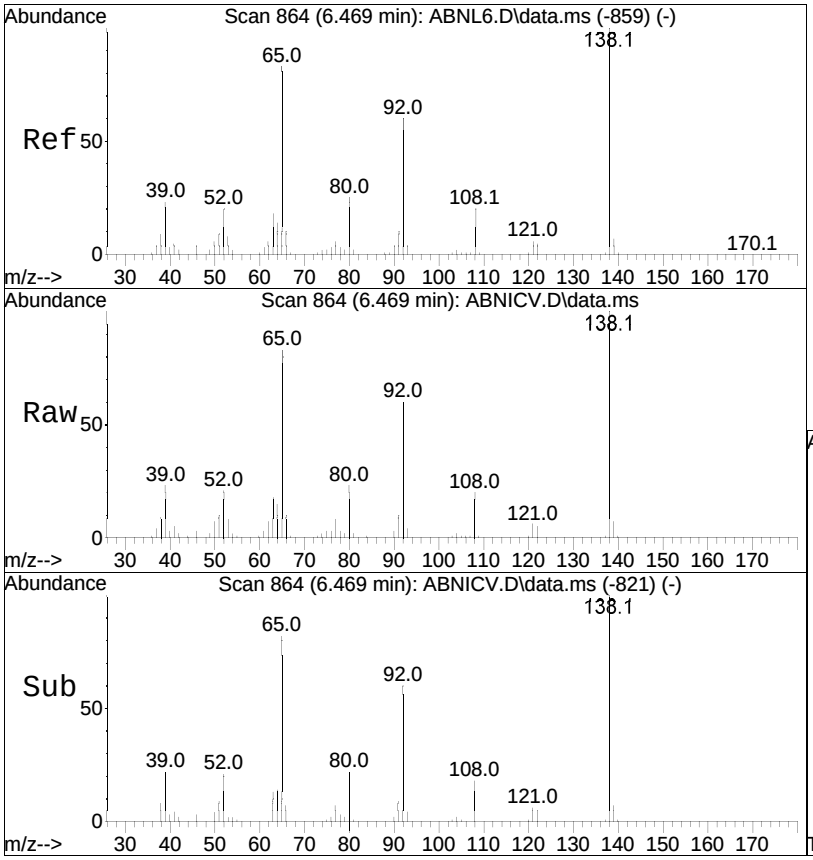


#47
2-Chloronaphthalene
Concen: 4.95 ug/ml
RT: 6.358 min Scan# 845
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:162 Resp: 85755

Ion	Ratio	Lower	Upper
162	100		
127	35.1	33.8	50.6
164	33.3	25.8	38.6

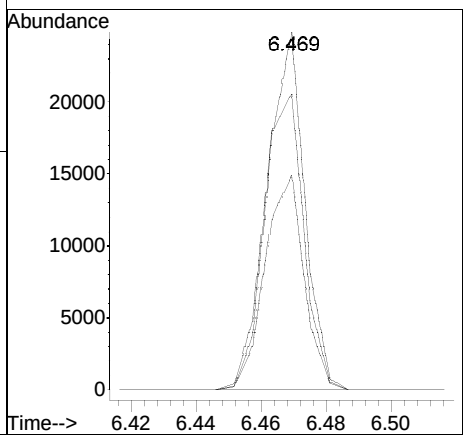


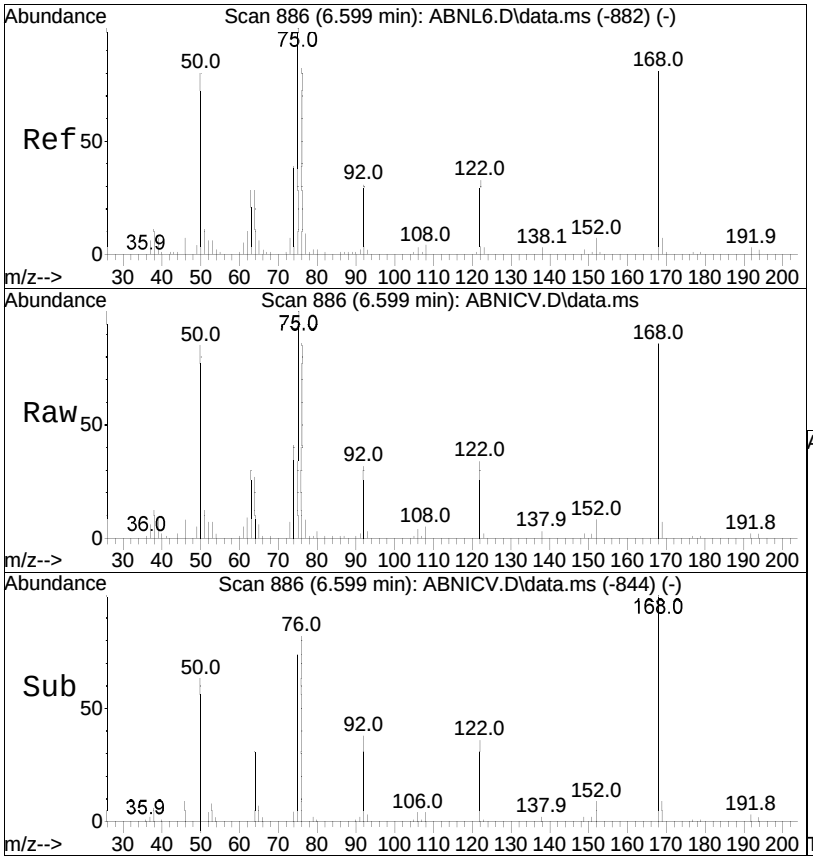


#48
2-Nitroaniline
Concen: 4.67 ug/ml
RT: 6.469 min Scan# 864
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:138 Resp: 19443

Ion	Ratio	Lower	Upper
138	100		
92	63.5	52.1	78.1
65	90.9	75.9	113.9

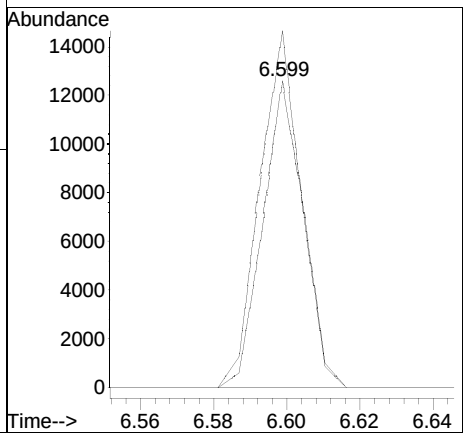


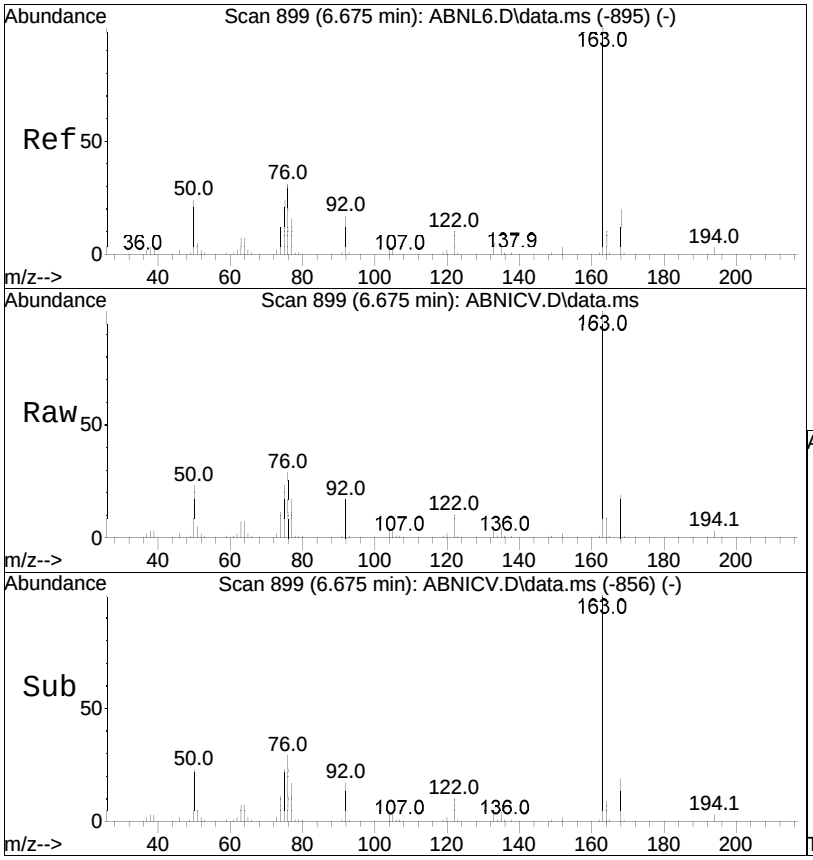


#49
1,4-Dinitrobenzene
Concen: 4.78 ug/ml
RT: 6.599 min Scan# 886
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:168 Resp: 9739

Ion	Ratio	Lower	Upper
168	100		
75	117.6	111.0	166.4

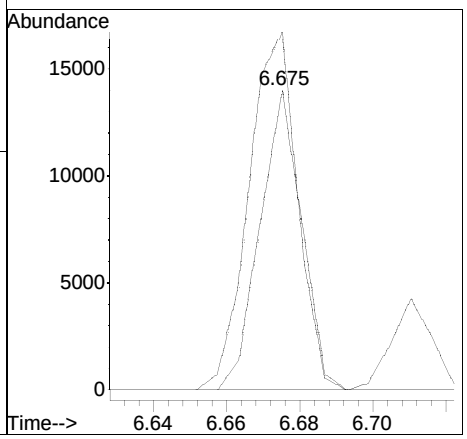


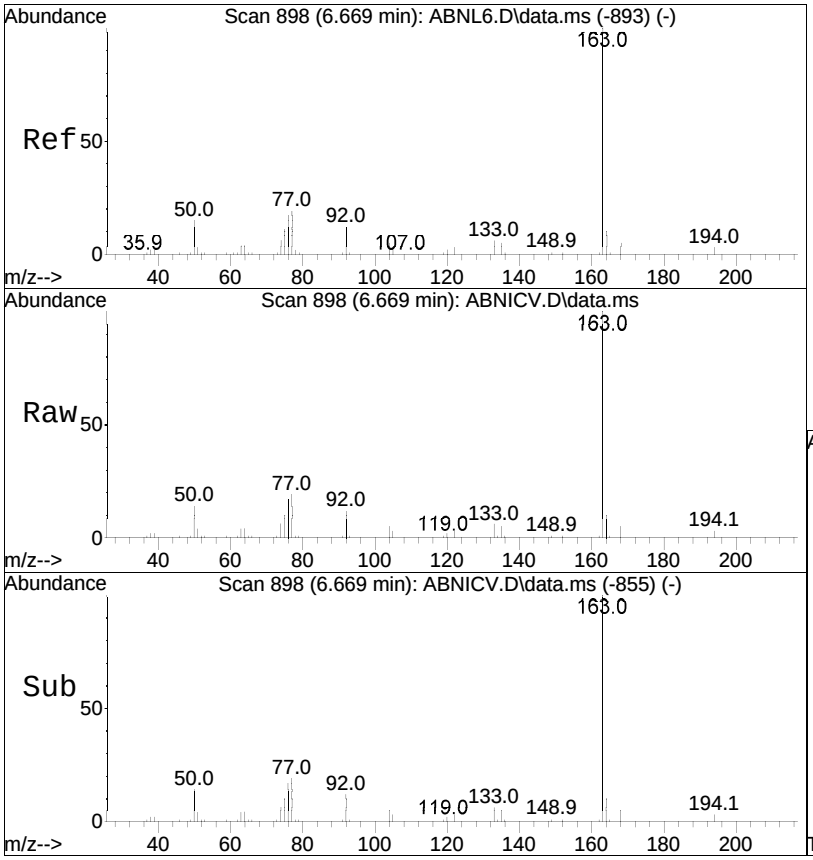


#50
1,3-Dinitrobenzene
Concen: 4.47 ug/ml
RT: 6.675 min Scan# 899
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:168 Resp: 10992

Ion	Ratio	Lower	Upper
168	100		
75	139.9	116.4	174.6

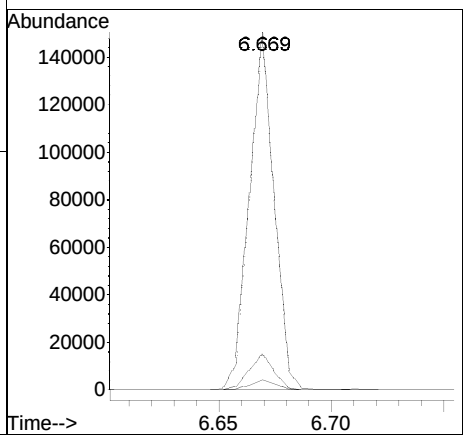


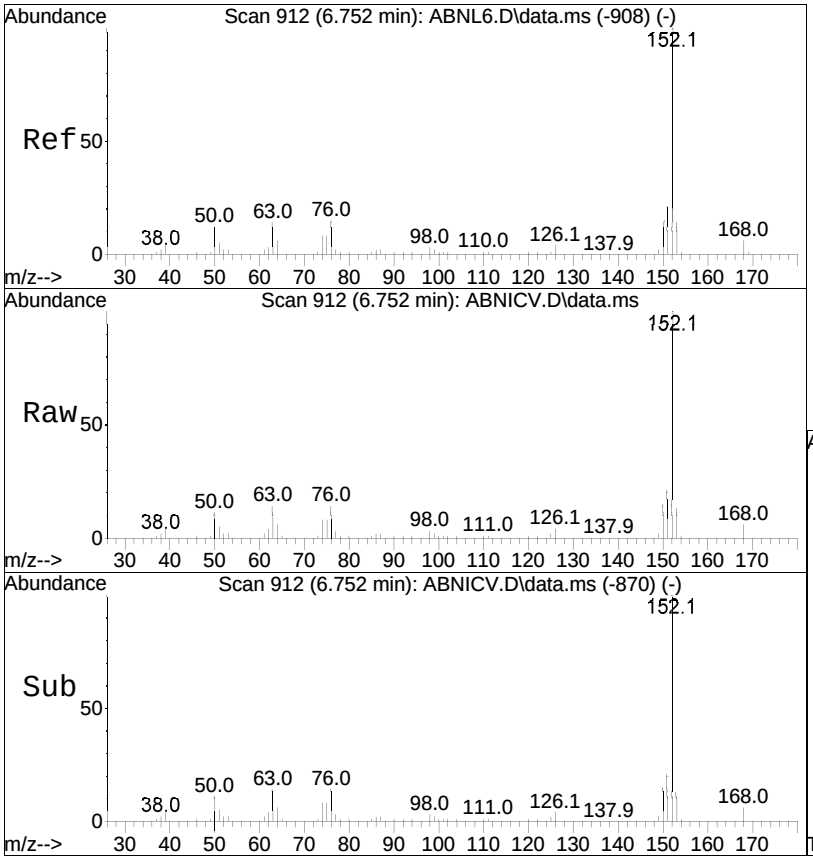


#51
Dimethyl phthalate
Concen: 5.10 ug/ml
RT: 6.669 min Scan# 898
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:163 Resp: 113507

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.3	3.5
164	10.1	8.2	12.2

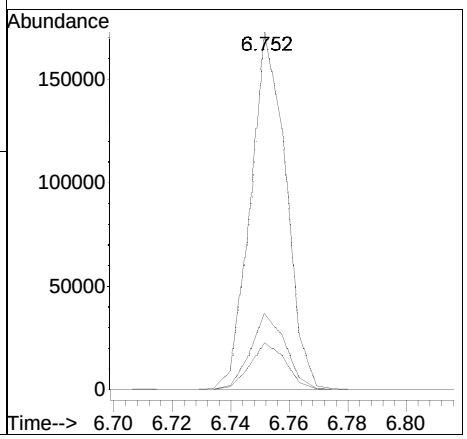


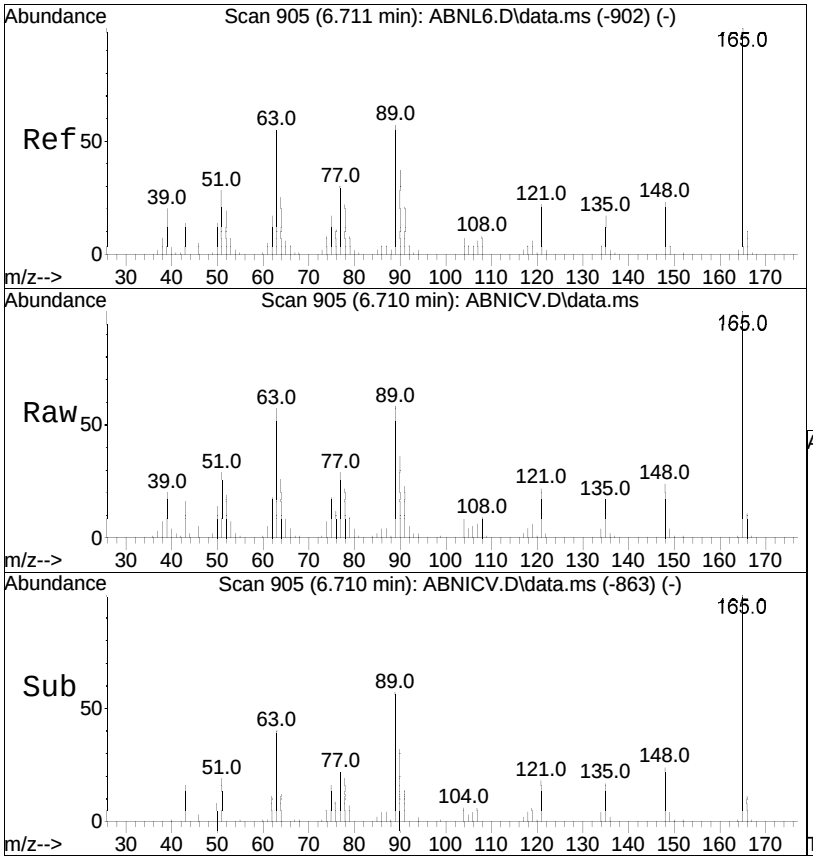


#52
Acenaphthylene
Concen: 5.17 ug/ml
RT: 6.752 min Scan# 912
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:152 Resp: 143980

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.9	23.9
153	13.3	10.5	15.7

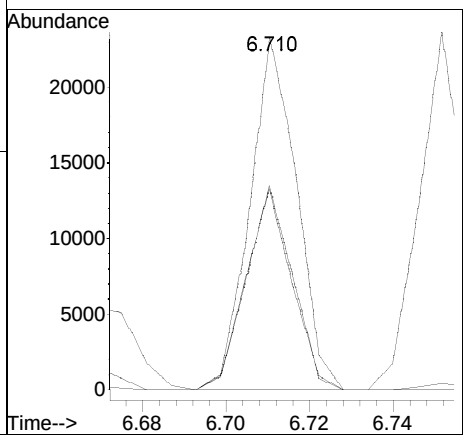


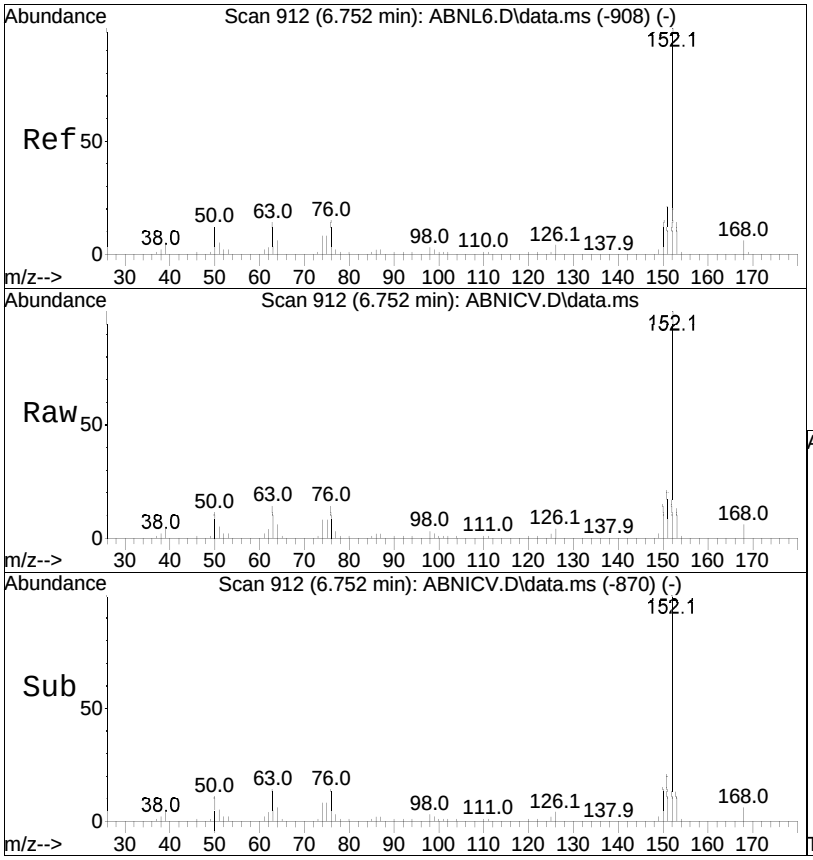


#53
2,6-Dinitrotoluene
Concen: 4.75 ug/ml
RT: 6.710 min Scan# 905
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:165 Resp: 18034

Ion	Ratio	Lower	Upper
165	100		
89	57.1	48.8	73.2
63	56.3	50.5	75.7

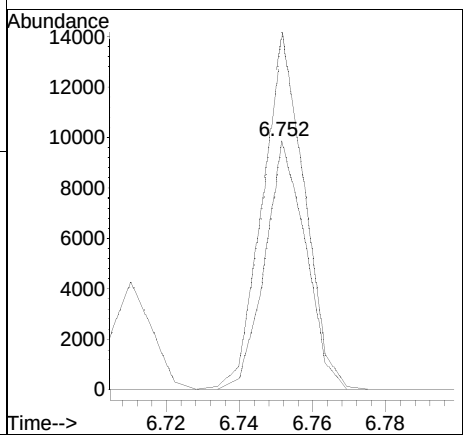


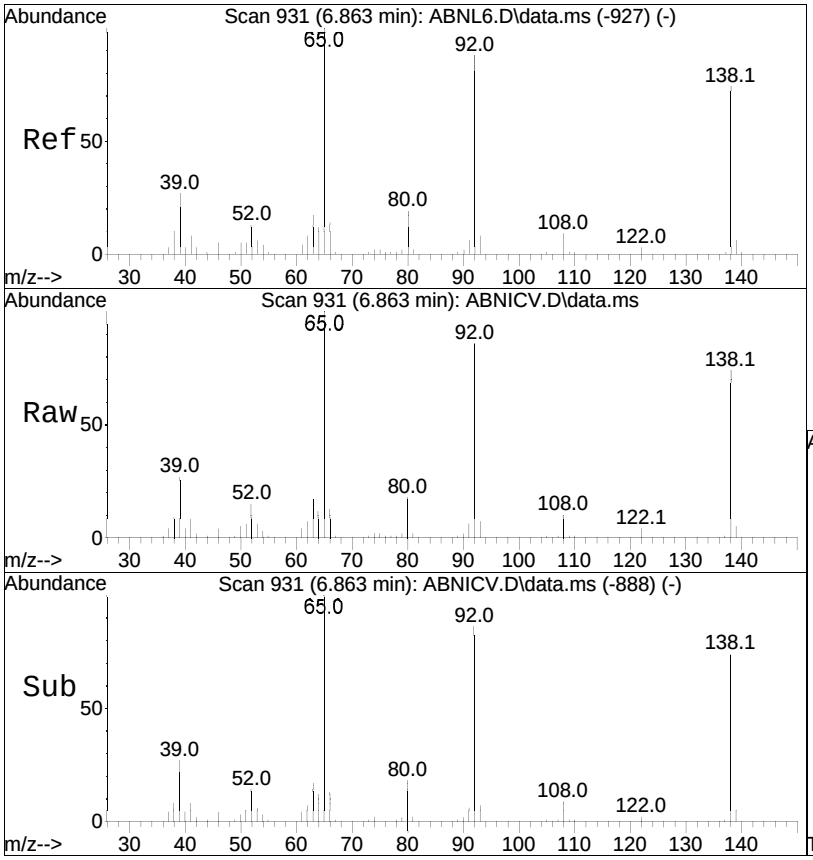


#54
1,2-Dinitrobenzene
Concen: 4.63 ug/ml
RT: 6.752 min Scan# 912
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:168 Resp: 7581

Ion	Ratio	Lower	Upper
168	100		
75	147.2	32.2	48.2#

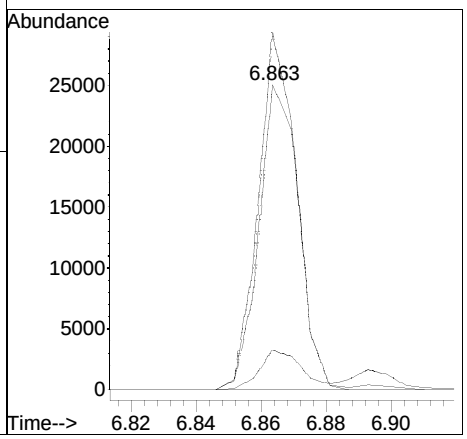


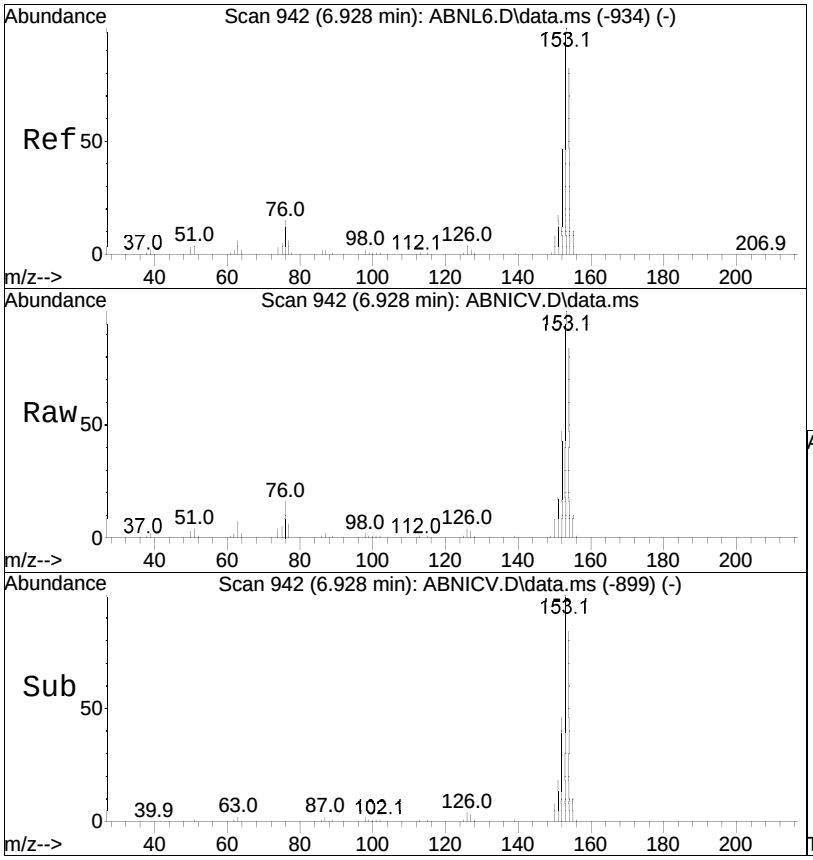


#64
3-Nitroaniline
Concen: 5.10 ug/ml
RT: 6.863 min Scan# 931
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:138 Resp: 21048

Ion	Ratio	Lower	Upper
138	100		
92	112.5	92.8	139.2
108	14.2	7.9	11.9#

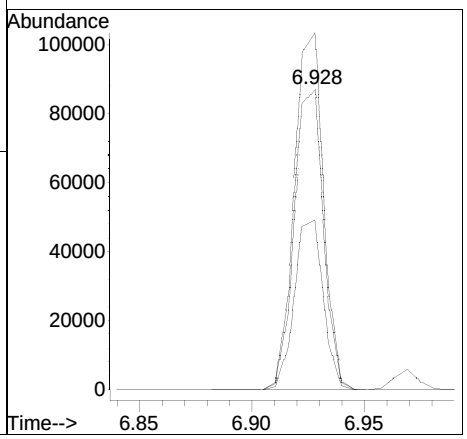


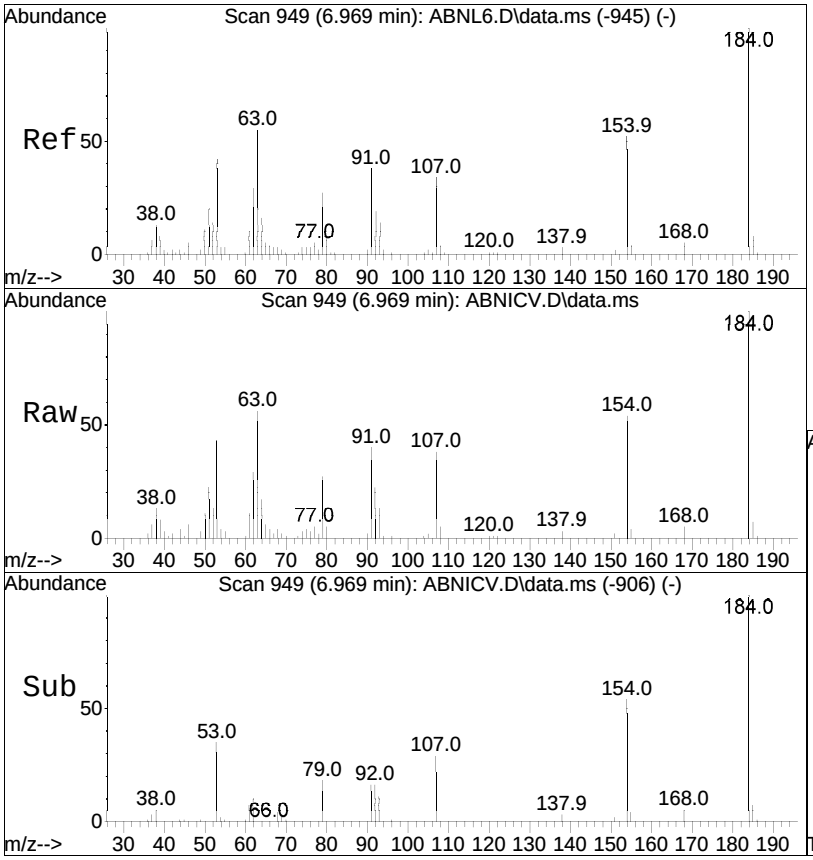


#65
Acenaphthene
Concen: 4.95 ug/ml
RT: 6.928 min Scan# 942
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:154 Resp: 78460

Ion	Ratio	Lower	Upper
154	100		
153	118.5	93.0	139.4
152	56.0	43.3	64.9

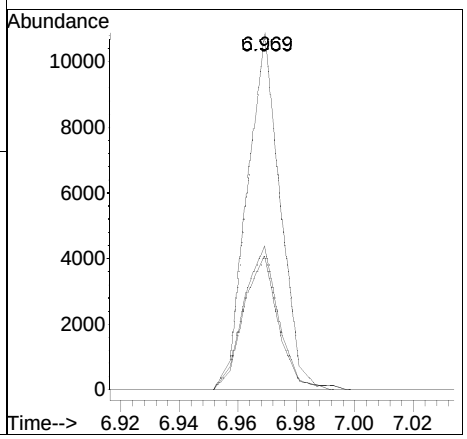


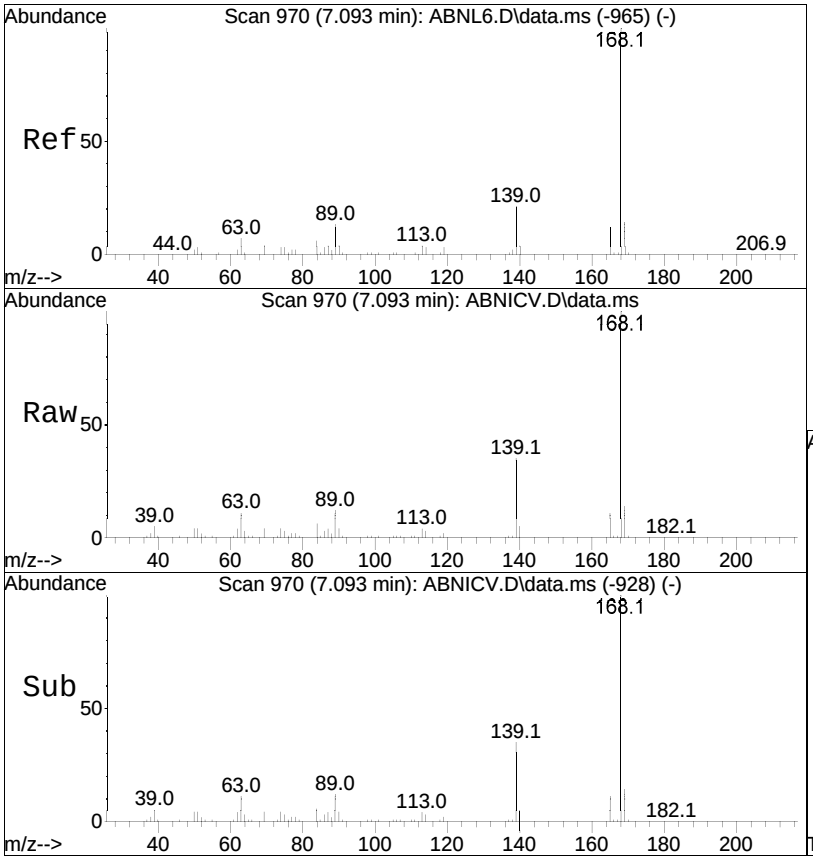


#66
2,4-Dinitrophenol
Concen: 4.31 ug/ml
RT: 6.969 min Scan# 949
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:184 Resp: 8491

Ion	Ratio	Lower	Upper
184	100		
107	39.6	41.8	62.6#
91	43.3	44.2	66.2#

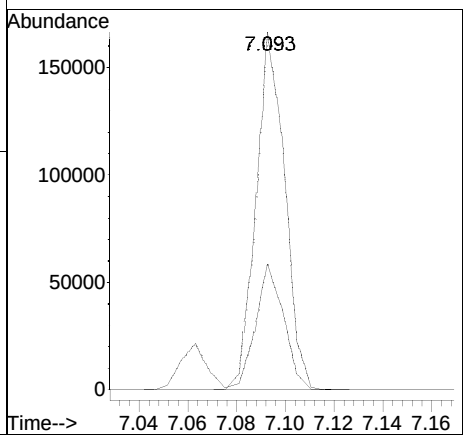


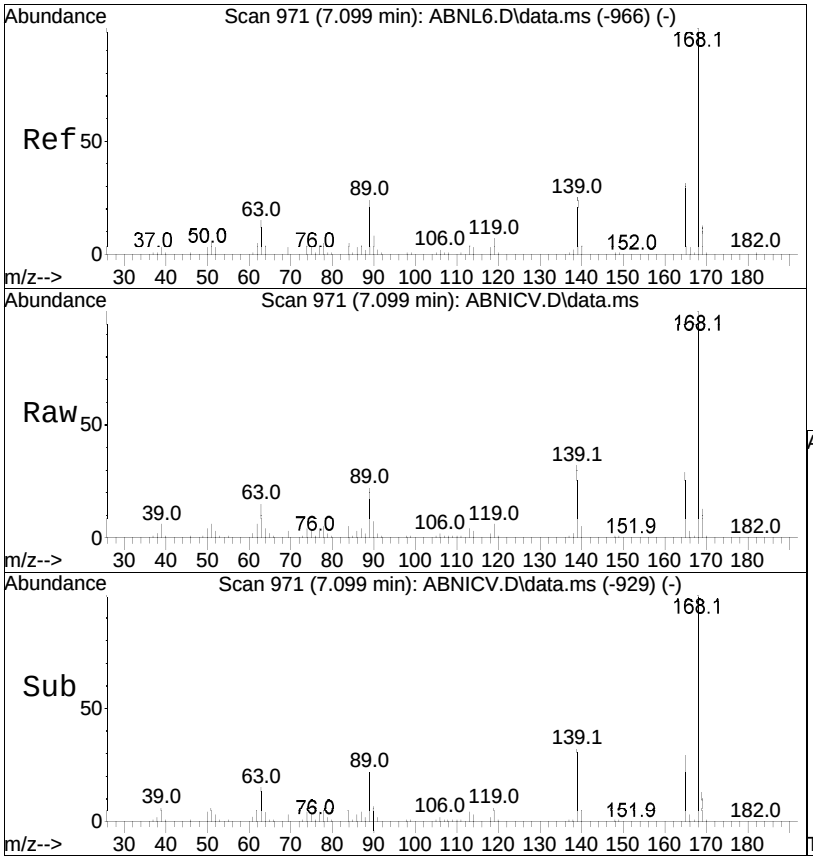


#67
Dibenzofuran
Concen: 4.97 ug/ml
RT: 7.093 min Scan# 970
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:168 Resp: 134351

Ion	Ratio	Lower	Upper
168	100		
139	34.8	32.3	48.5

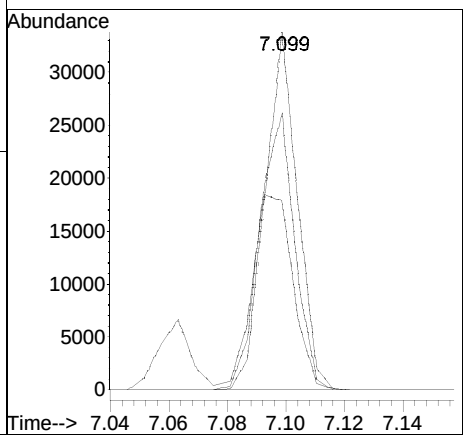


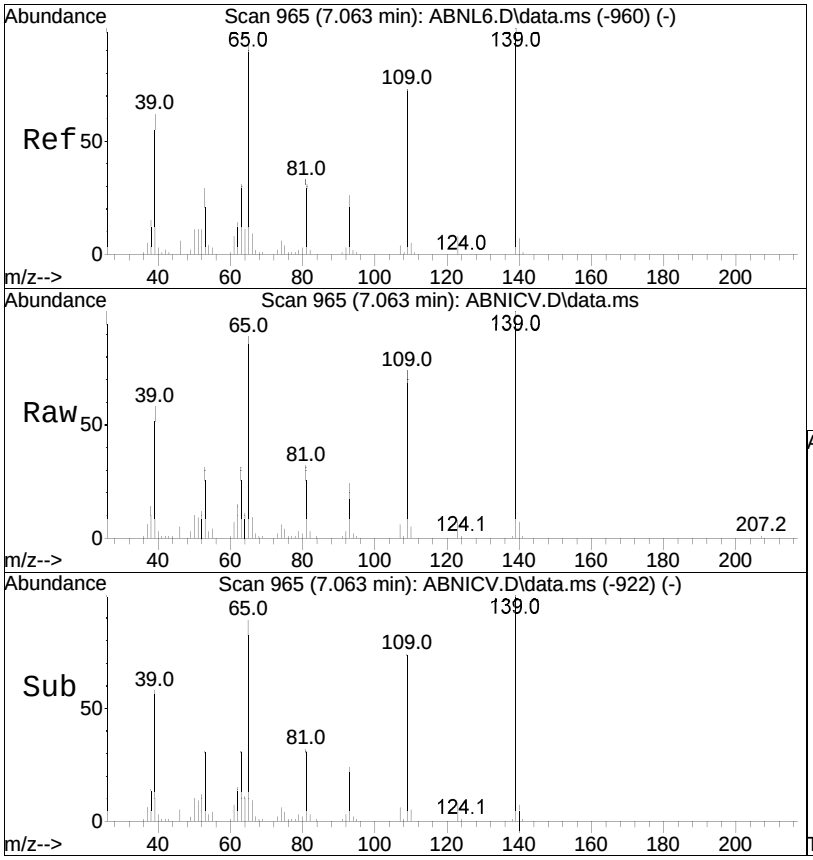


#68
2,4-Dinitrotoluene
Concen: 4.97 ug/ml
RT: 7.099 min Scan# 971
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:165 Resp: 25823

Ion	Ratio	Lower	Upper
165	100		
89	84.0	73.0	109.4
63	68.8	56.3	84.5

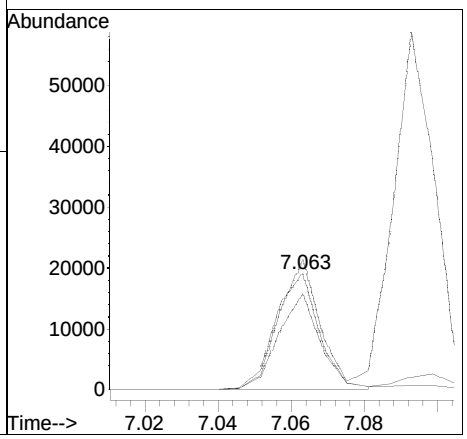


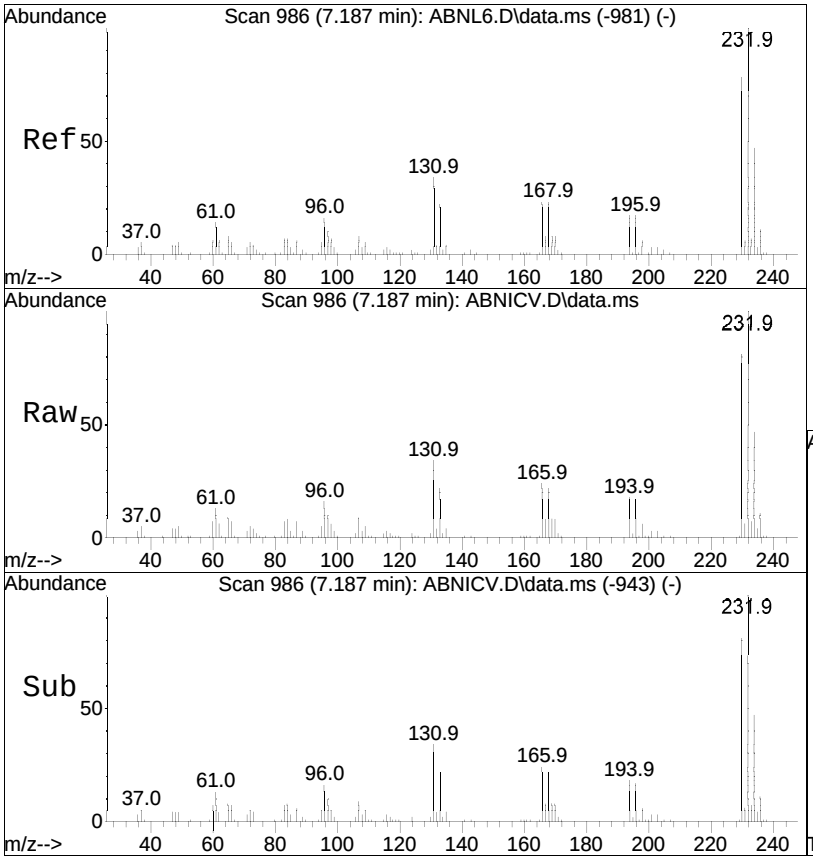


#69
4-Nitrophenol
Concen: 5.08 ug/ml
RT: 7.063 min Scan# 965
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 65 Resp: 15895

Ion	Ratio	Lower	Upper
65	100		
109	80.0	60.2	90.2
139	104.1	81.1	121.7

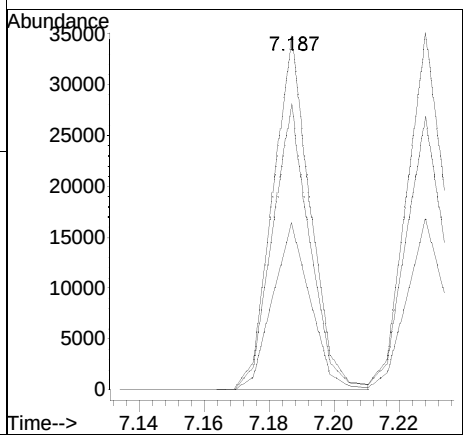


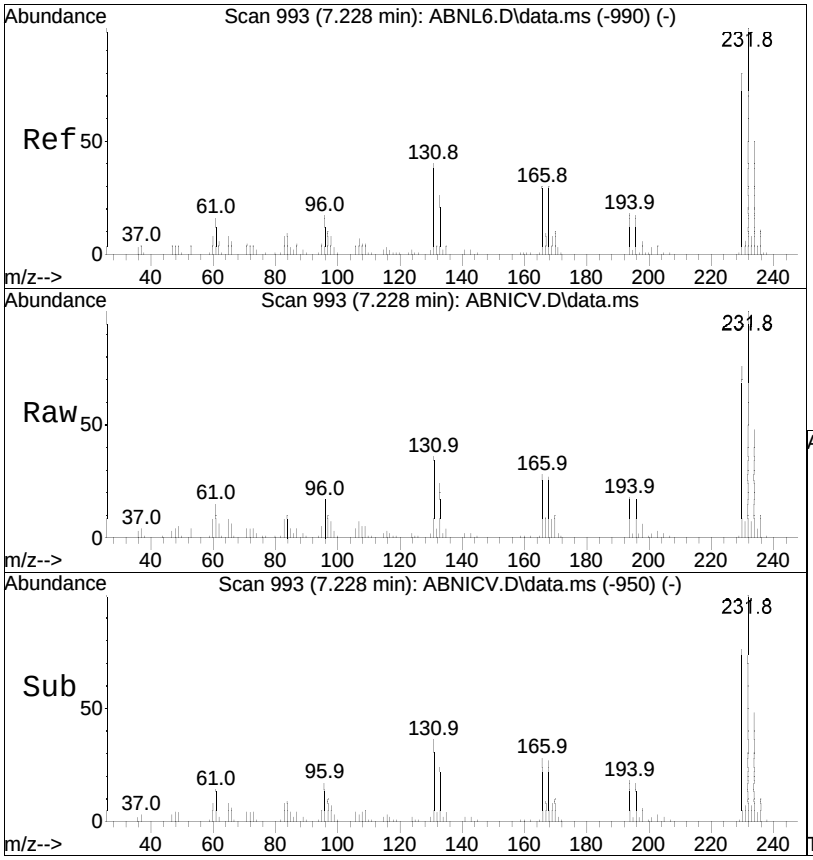


#70
2,3,5,6-Tetrachlorophenol
Concen: 4.87 ug/ml
RT: 7.187 min Scan# 986
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:232 Resp: 27930

Ion	Ratio	Lower	Upper
232	100		
230	80.6	63.8	95.8
234	47.4	38.3	57.5

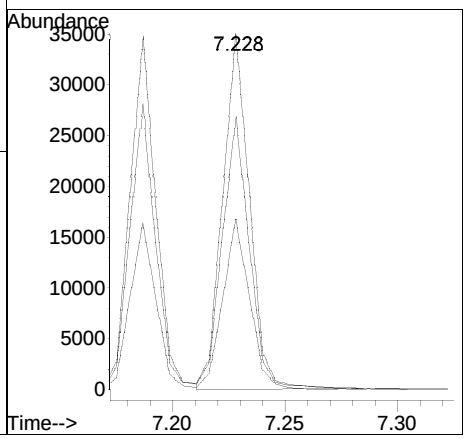


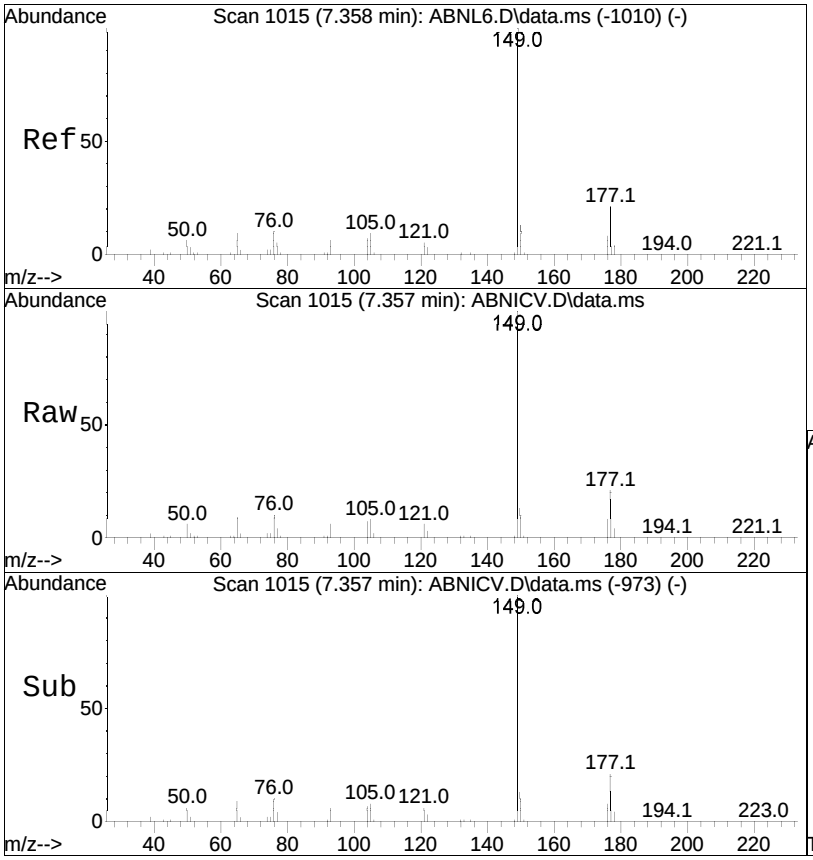


#71
2,3,4,6-Tetrachlorophenol
Concen: 5.13 ug/ml
RT: 7.228 min Scan# 993
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:232 Resp: 28955

Ion	Ratio	Lower	Upper
232	100		
230	77.2	63.8	95.8
234	48.3	39.0	58.6

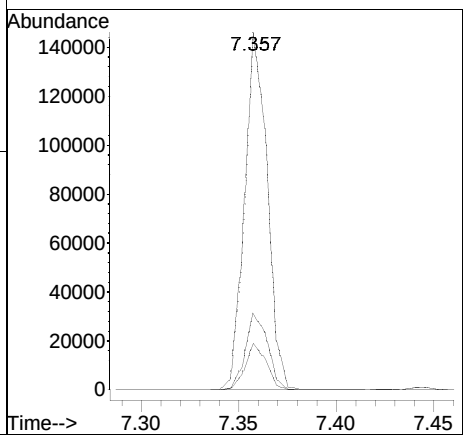


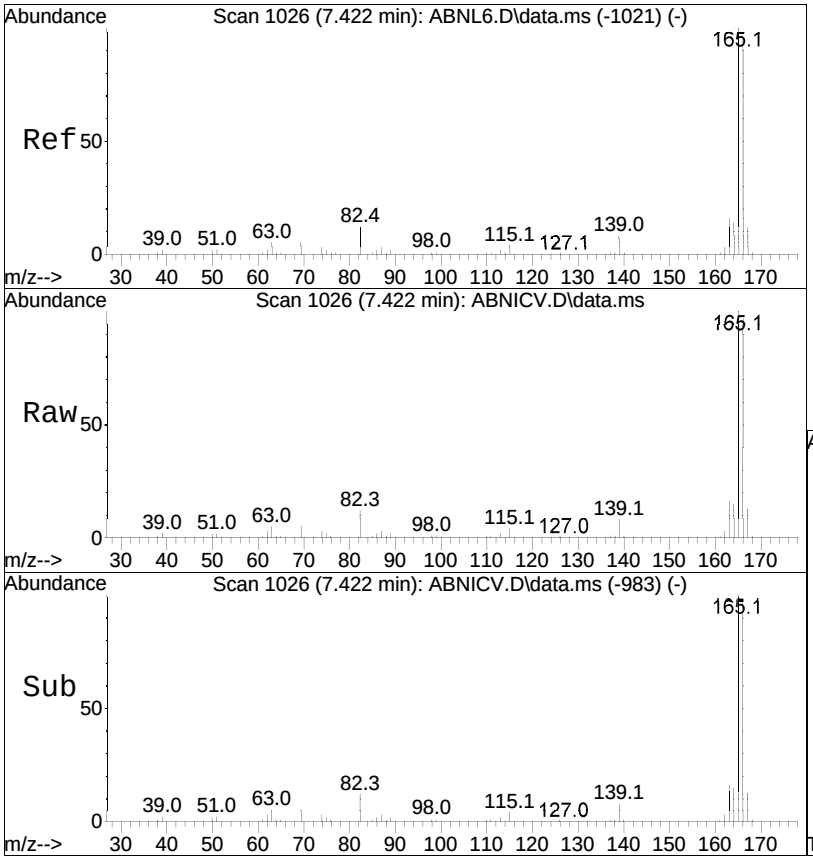


#72
Diethyl phthalate
Concen: 5.12 ug/ml
RT: 7.357 min Scan# 1015
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:149 Resp: 116624

Ion	Ratio	Lower	Upper
149	100		
177	21.3	15.0	22.6
150	12.3	9.8	14.6

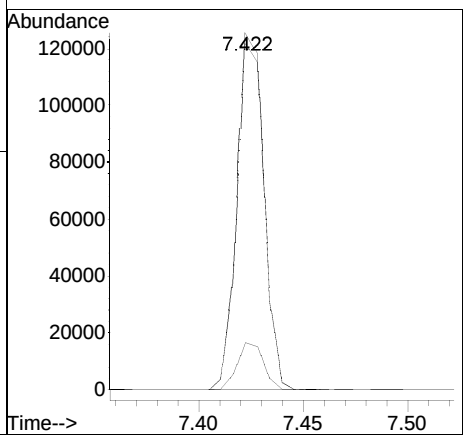


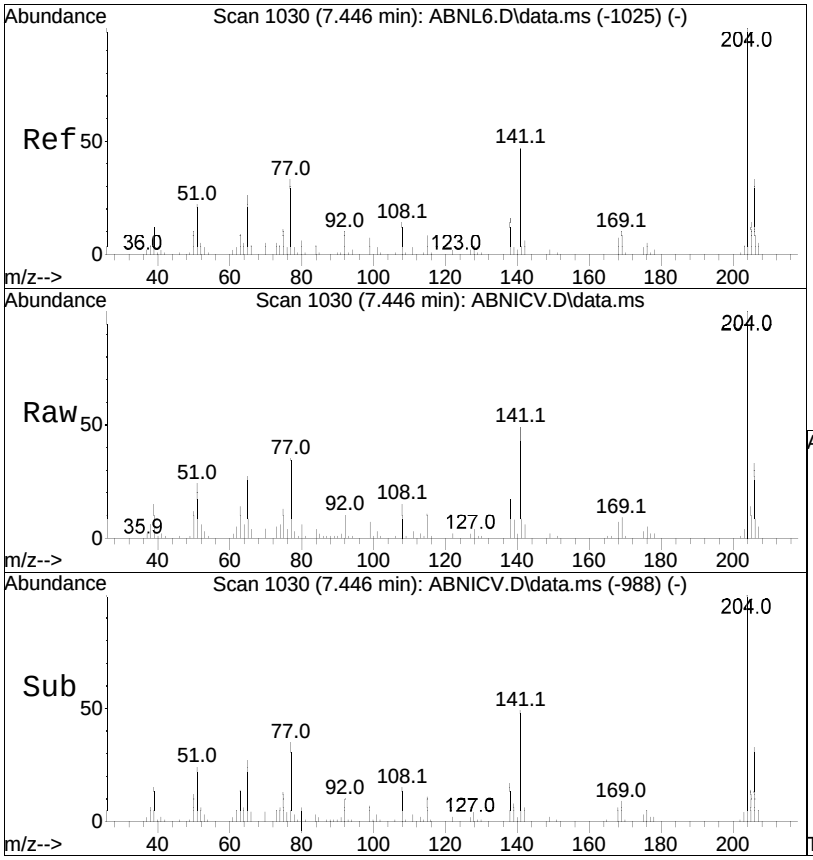


#73
Fluorene
Concen: 5.04 ug/ml
RT: 7.422 min Scan# 1026
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:166 Resp: 110540

Ion	Ratio	Lower	Upper
166	100		
165	102.8	80.0	120.0
167	13.5	10.7	16.1

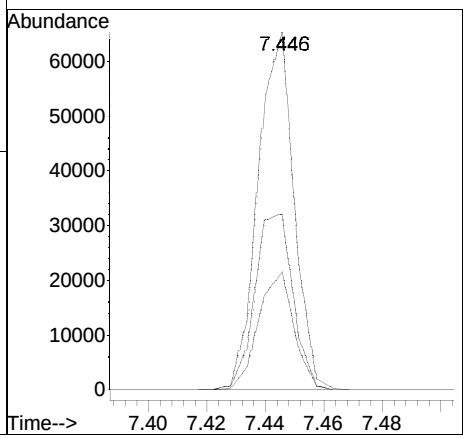


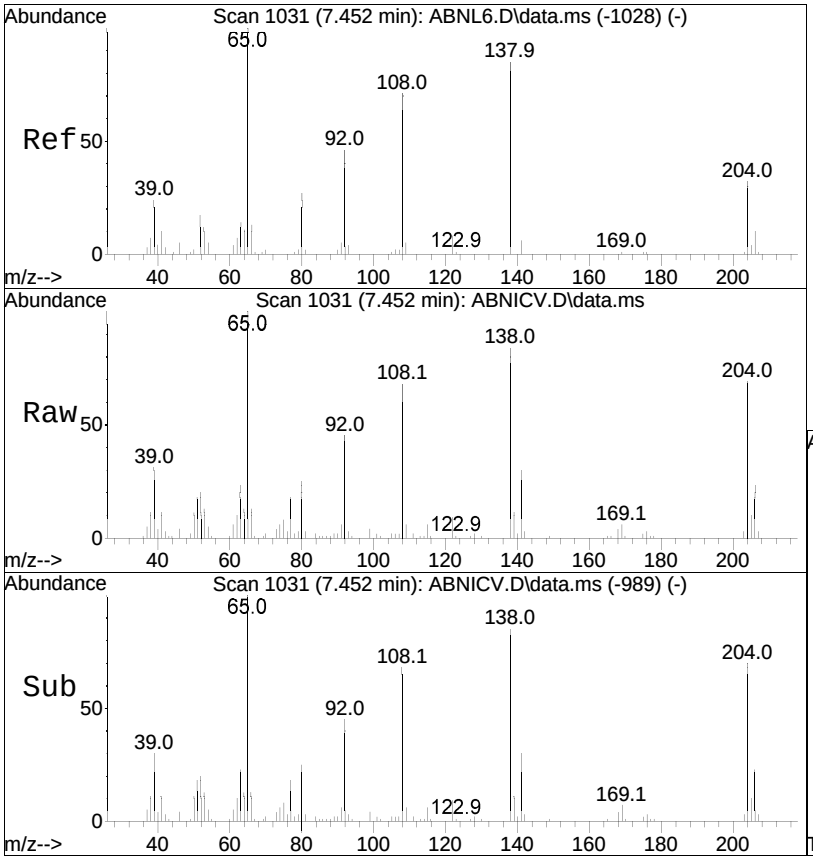


#74
4-Chlorophenyl phenyl ether
Concen: 4.89 ug/ml
RT: 7.446 min Scan# 1030
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:204 Resp: 55121

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	52.2	58.4	87.6#

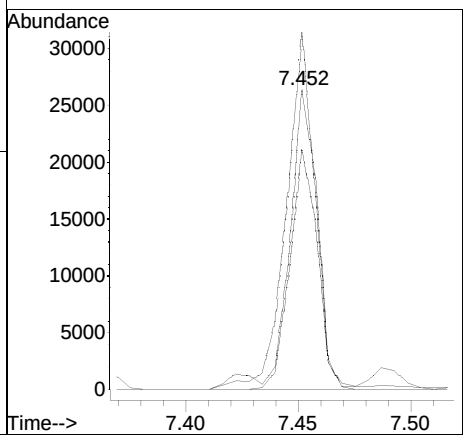


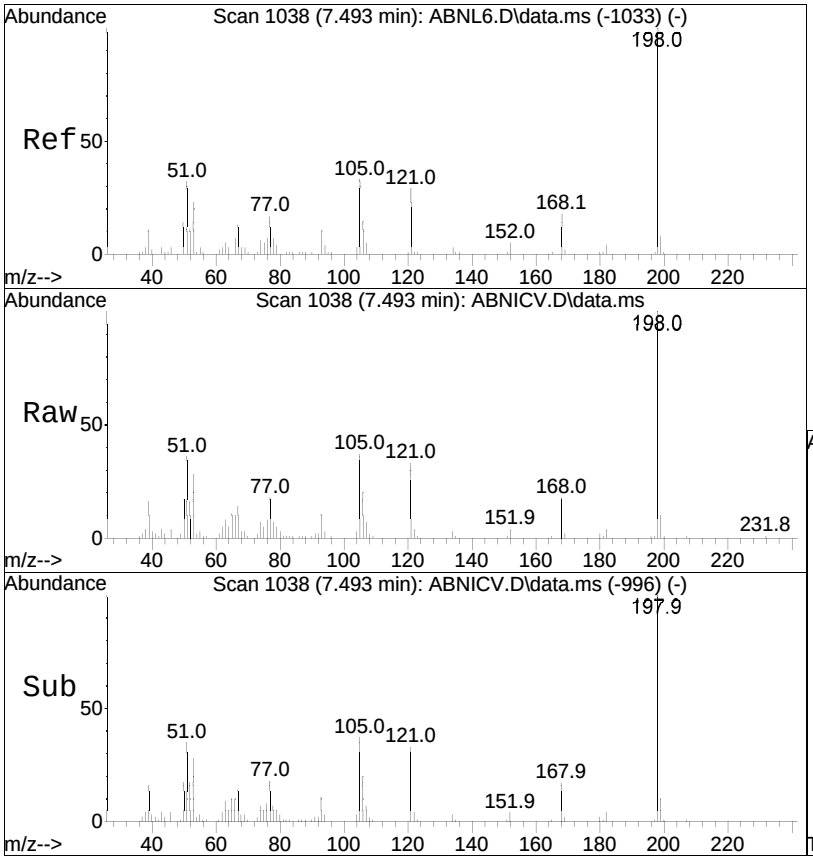


#75
4-Nitroaniline
Concen: 5.51 ug/ml
RT: 7.452 min Scan# 1031
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:138 Resp: 22896

Ion	Ratio	Lower	Upper
138	100		
108	78.4	59.2	88.8
65	120.7	97.6	146.4

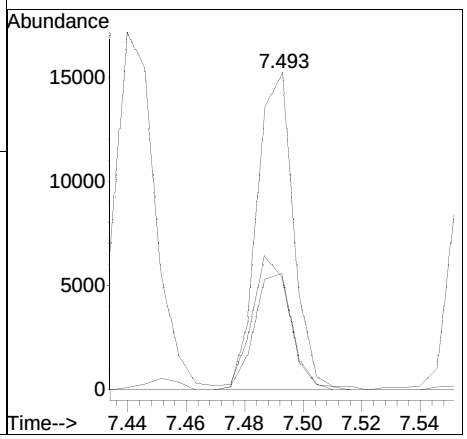


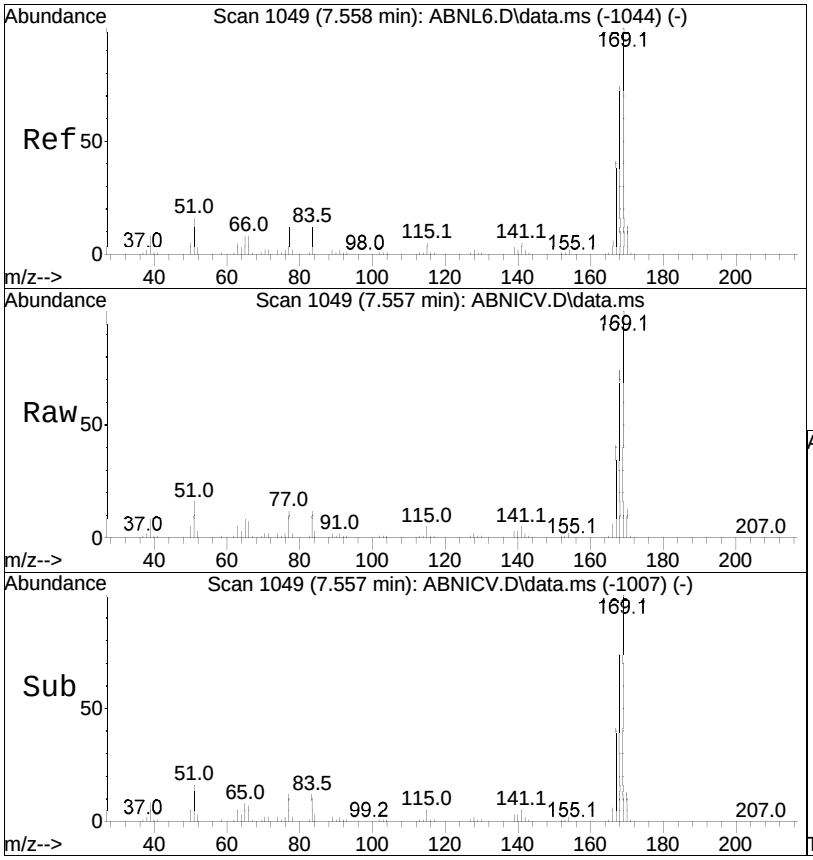


#76
4,6-Dinitro-o-cresol
Concen: 4.77 ug/ml
RT: 7.493 min Scan# 1038
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:198 Resp: 13230

Ion	Ratio	Lower	Upper
198	100		
51	44.0	49.9	74.9#
105	38.6	45.8	68.6#

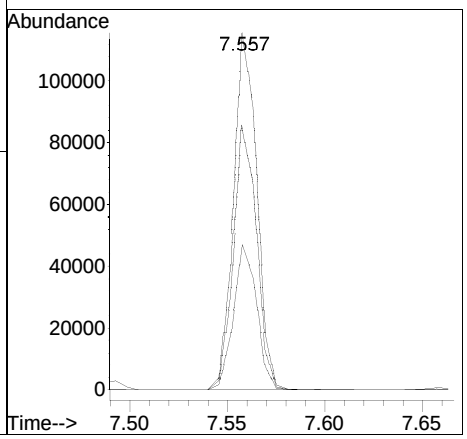


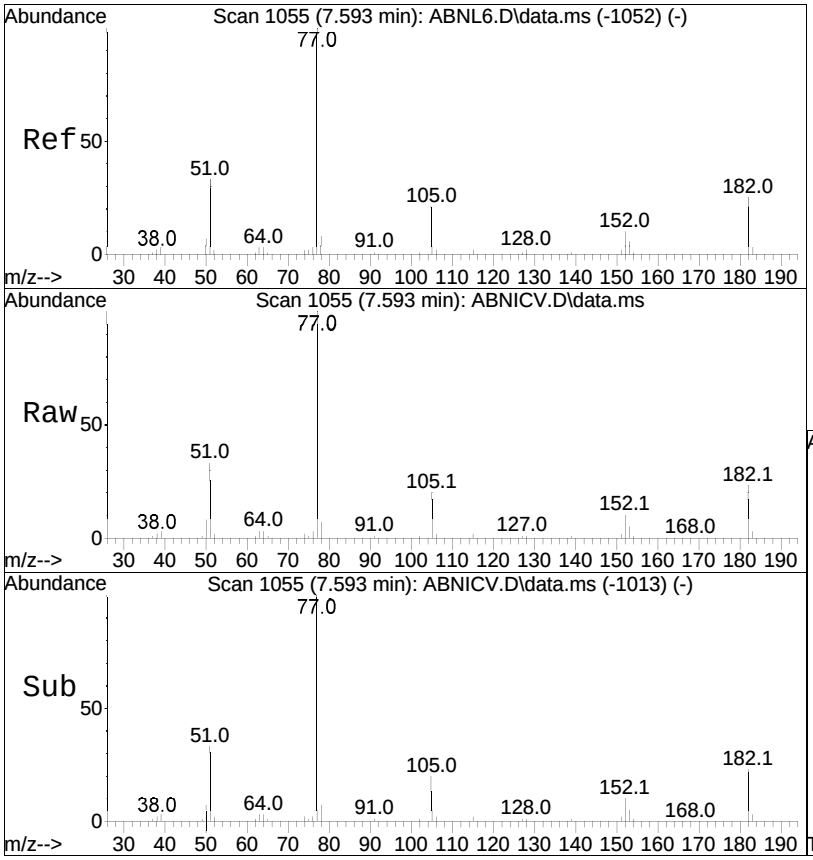


#77
NDPA/DPA
Concen: 5.08 ug/ml
RT: 7.557 min Scan# 1049
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:169 Resp: 95774

Ion	Ratio	Lower	Upper
169	100		
168	73.7	55.2	82.8
167	40.6	30.4	45.6

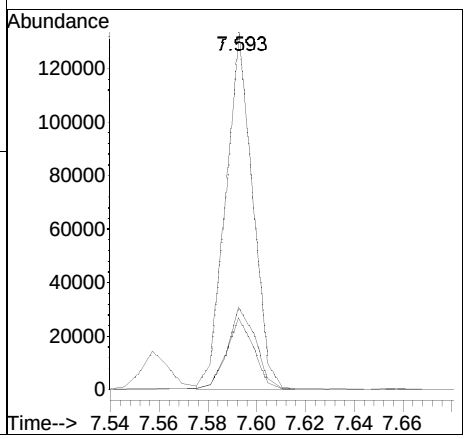


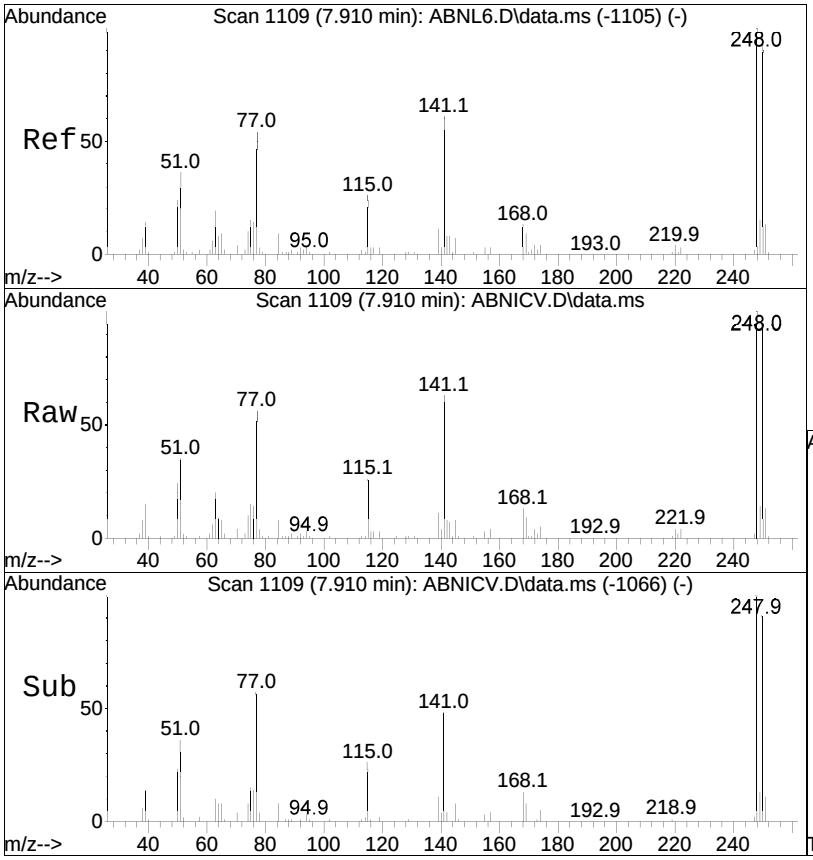


#78
Azobenzene
Concen: 5.17 ug/ml
RT: 7.593 min Scan# 1055
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion: 77 Resp: 102036

Ion	Ratio	Lower	Upper
77	100		
182	24.2	16.2	24.2
105	20.6	17.9	26.9

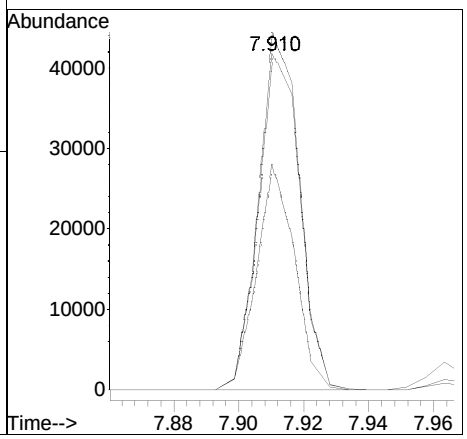


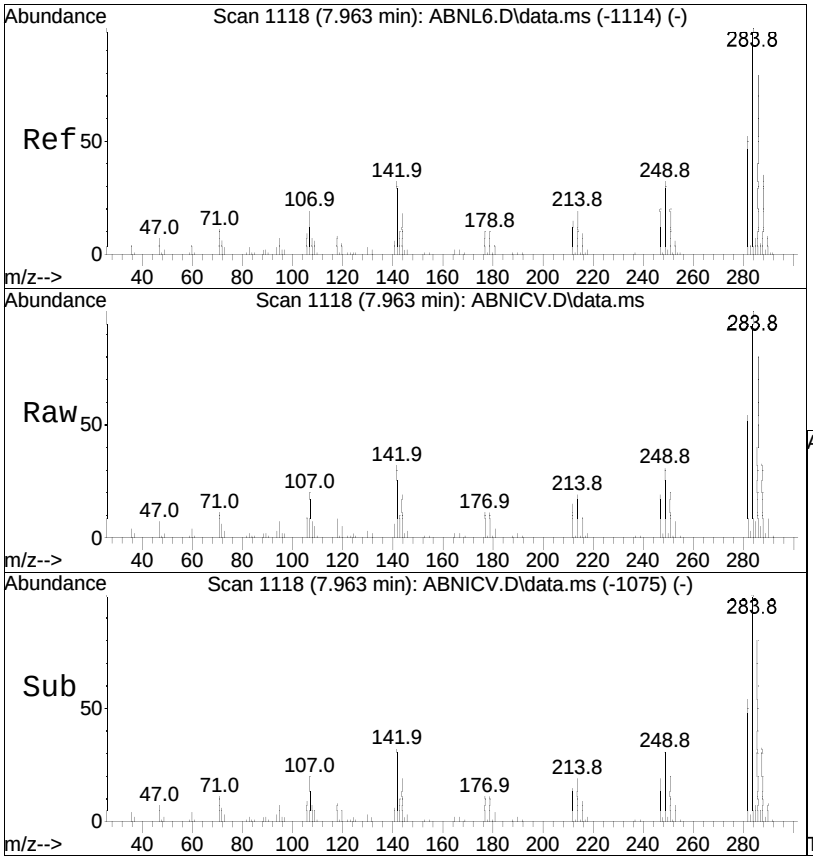


#80
4-Bromophenyl phenyl ether
Concen: 5.03 ug/ml
RT: 7.910 min Scan# 1109
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:248 Resp: 38355

Ion	Ratio	Lower	Upper
248	100		
141	58.7	74.6	111.8#
250	95.5	76.9	115.3

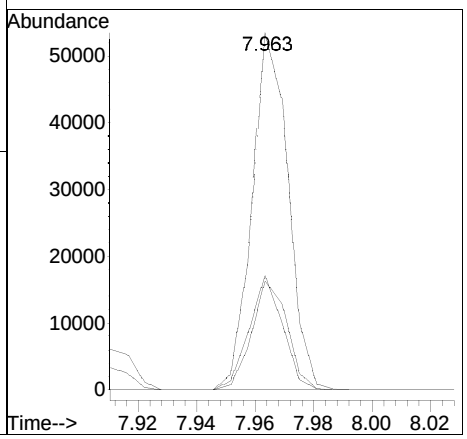


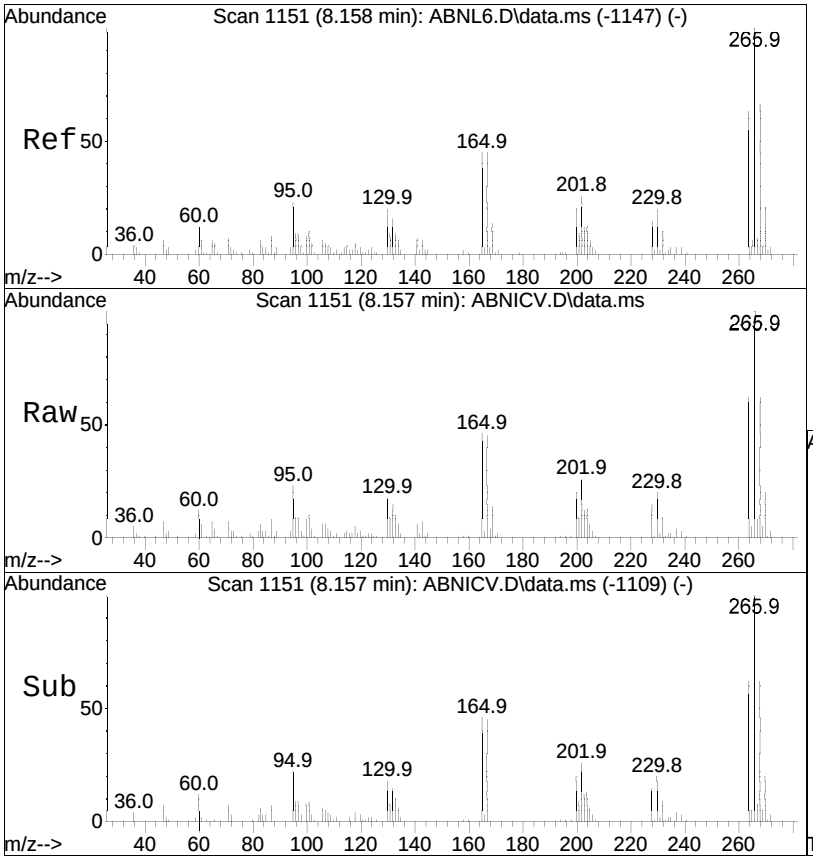


#81
Hexachlorobenzene
Concen: 4.89 ug/ml
RT: 7.963 min Scan# 1118
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:284 Resp: 45543

Ion	Ratio	Lower	Upper
284	100		
142	29.9	37.6	56.4#
249	30.1	25.4	38.2

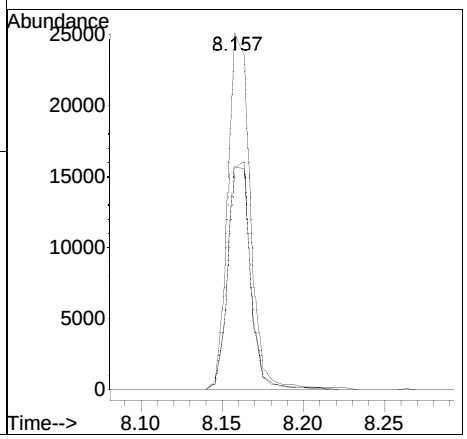


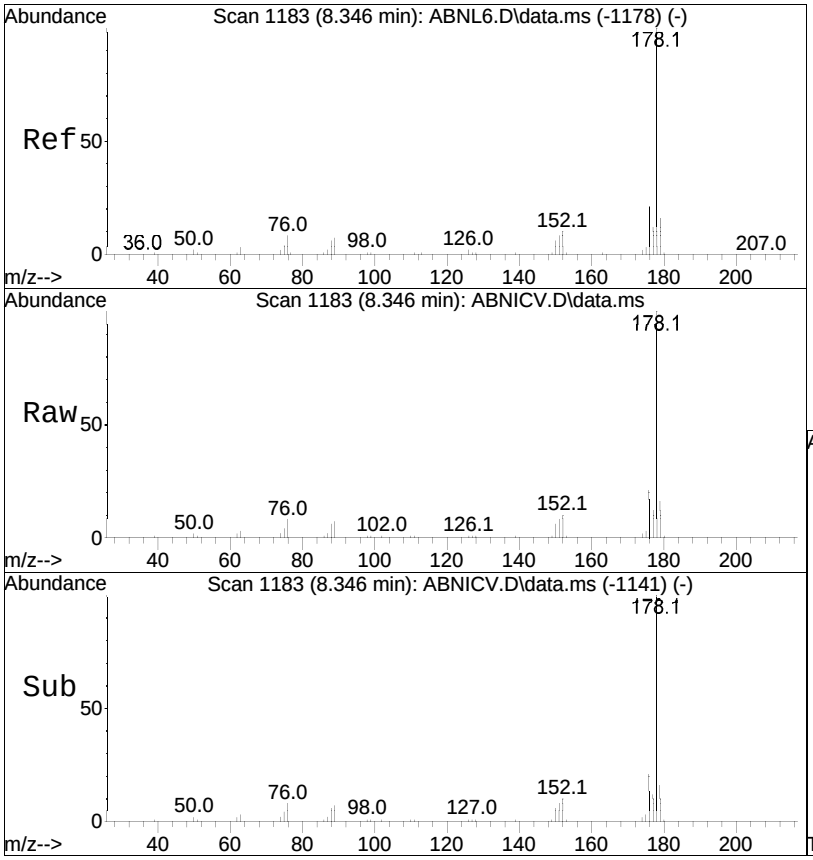


#82
Pentachlorophenol
Concen: 4.93 ug/ml
RT: 8.157 min Scan# 1151
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:266 Resp: 24185

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.7	76.1
268	63.5	52.5	78.7

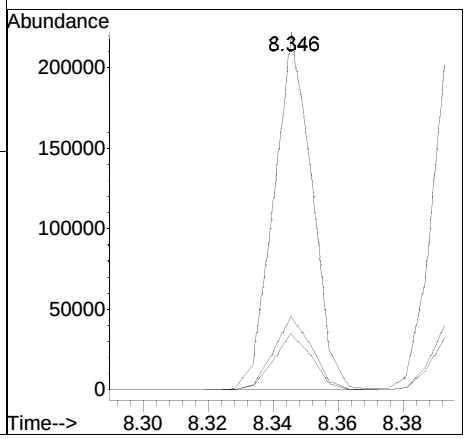


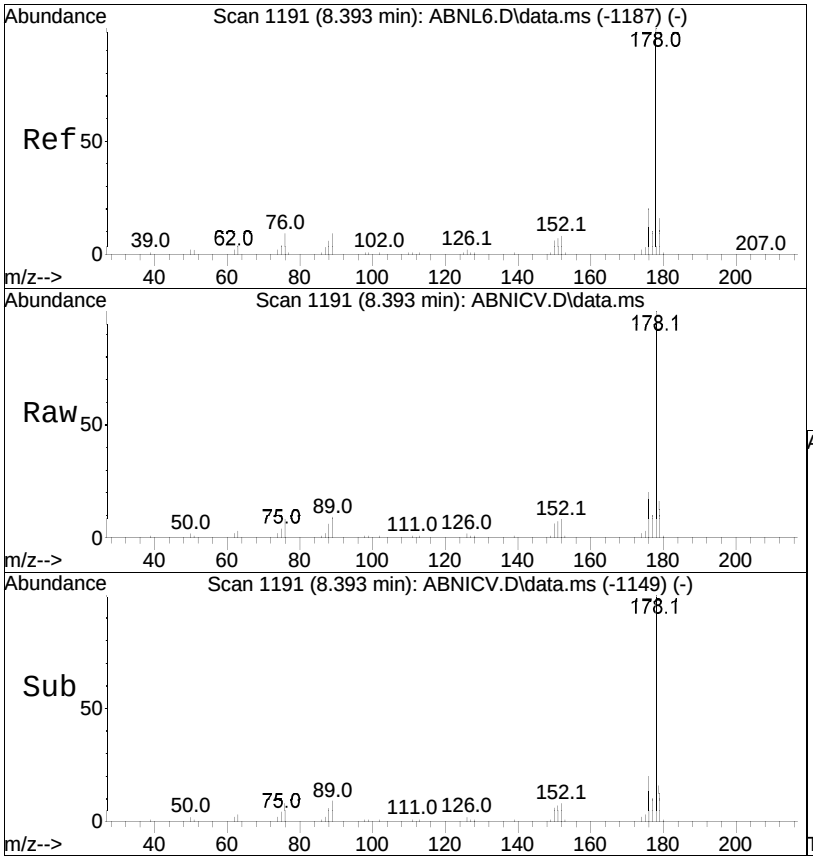


#89
Phenanthrene
Concen: 4.92 ug/ml
RT: 8.346 min Scan# 1183
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:178 Resp: 180678

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	20.5	15.4	23.2

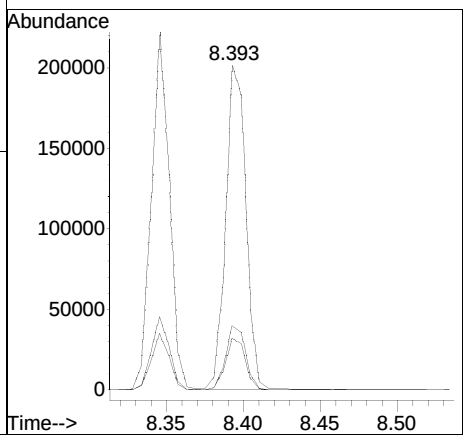


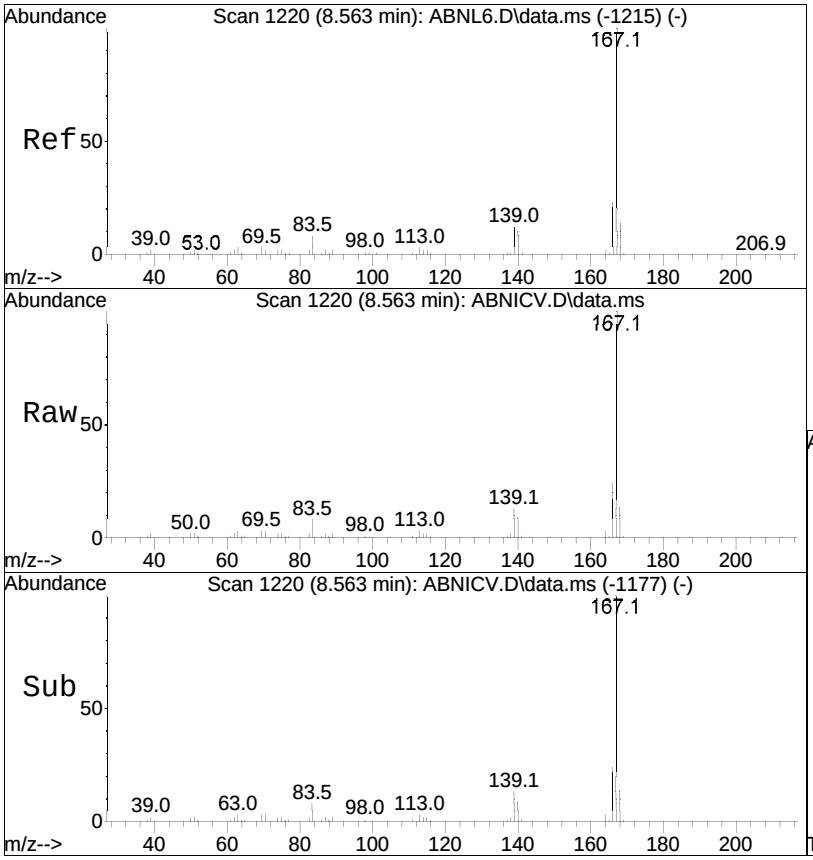


#90
Anthracene
Concen: 4.95 ug/ml
RT: 8.393 min Scan# 1191
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:178 Resp: 183541

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	19.6	15.1	22.7

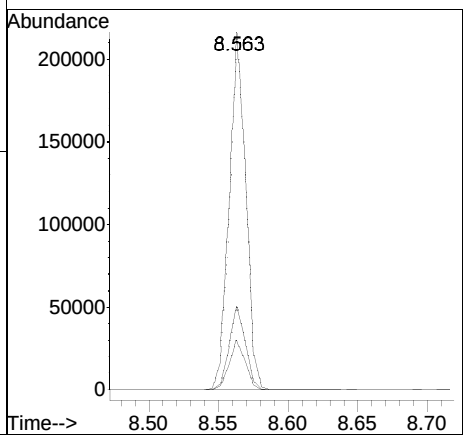


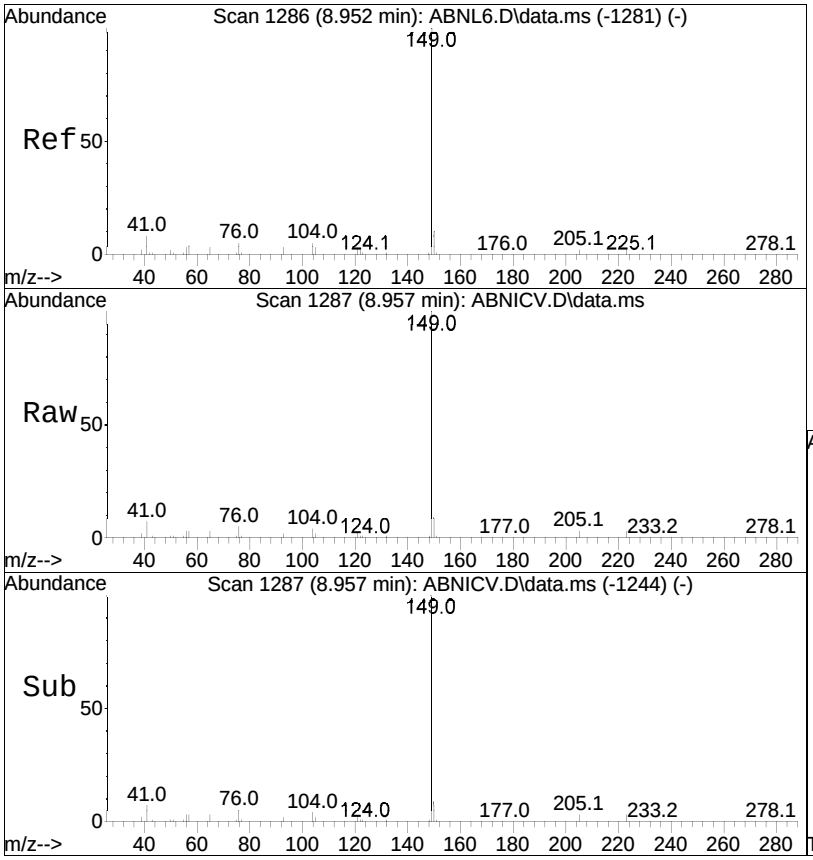


#91
Carbazole
Concen: 5.03 ug/ml
RT: 8.563 min Scan# 1220
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:167 Resp: 175014

Ion	Ratio	Lower	Upper
167	100		
168	13.7	10.8	16.2
166	23.2	17.7	26.5

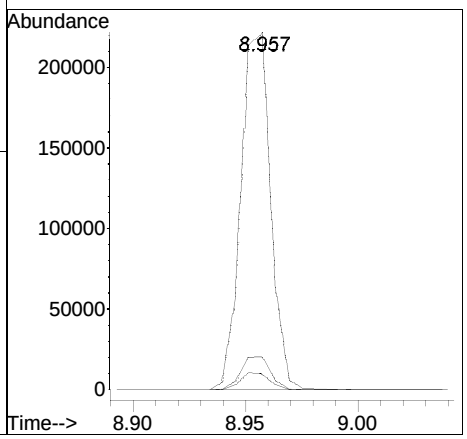


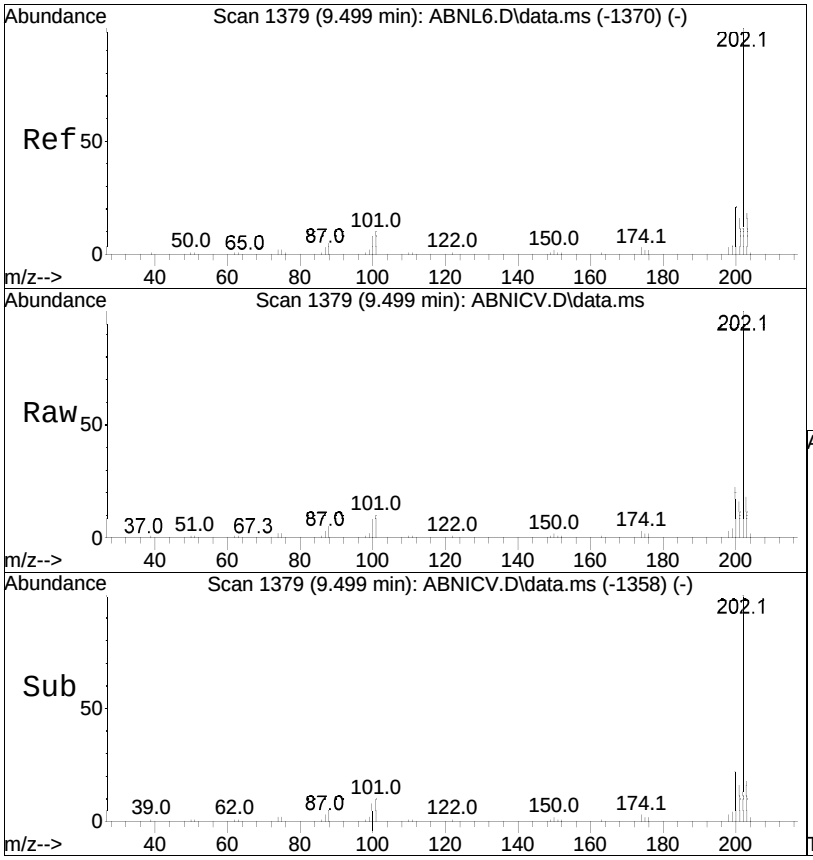


#92
Di-n-butylphthalate
Concen: 5.21 ug/ml
RT: 8.957 min Scan# 1287
Delta R.T. 0.005 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:149 Resp: 200884

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.9	4.0	6.0

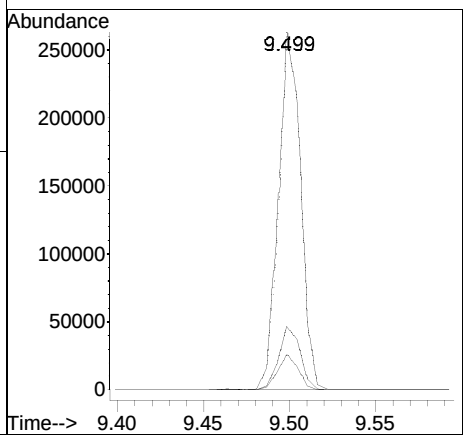


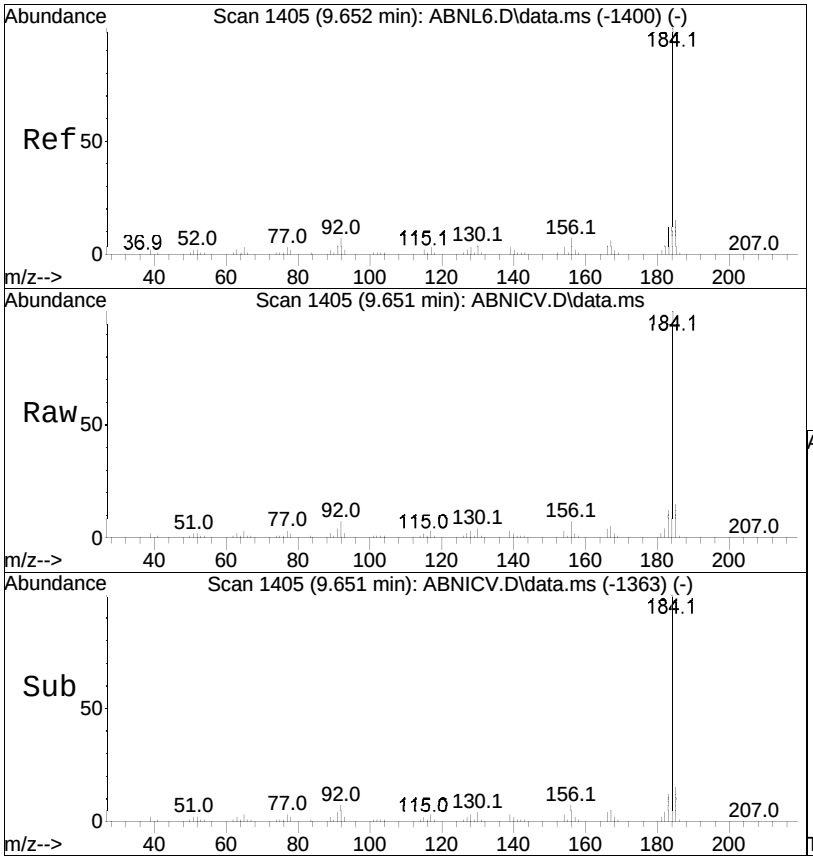


#93
Fluoranthene
Concen: 5.06 ug/ml
RT: 9.499 min Scan# 1379
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:202 Resp: 231479

Ion	Ratio	Lower	Upper
202	100		
101	9.5	11.2	16.8#
203	17.4	13.7	20.5

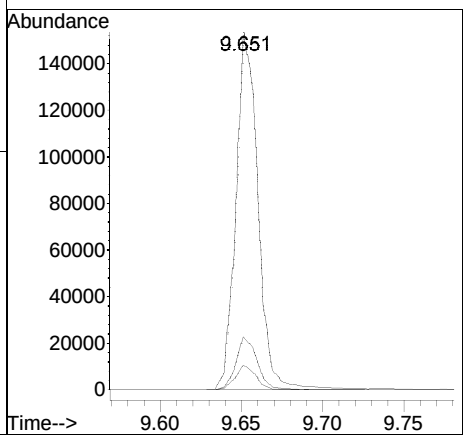


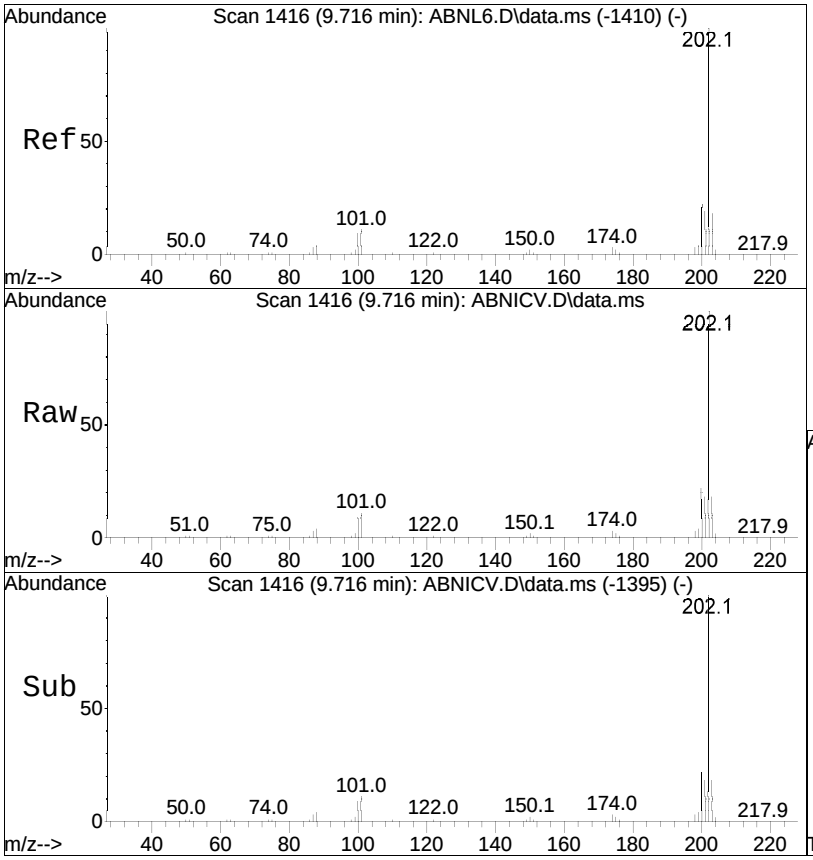


#94
Benzidine
Concen: 5.02 ug/ml
RT: 9.651 min Scan# 1405
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:184 Resp: 142952

Ion	Ratio	Lower	Upper
184	100		
92	6.6	7.3	10.9#
185	14.5	11.8	17.8

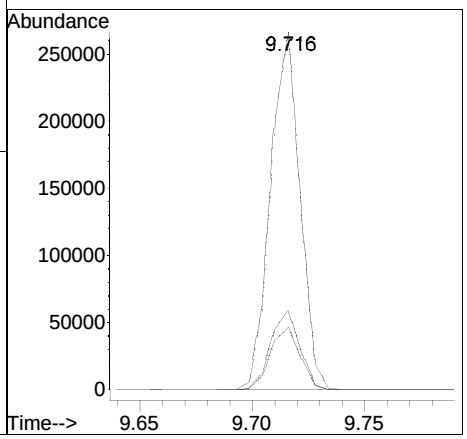


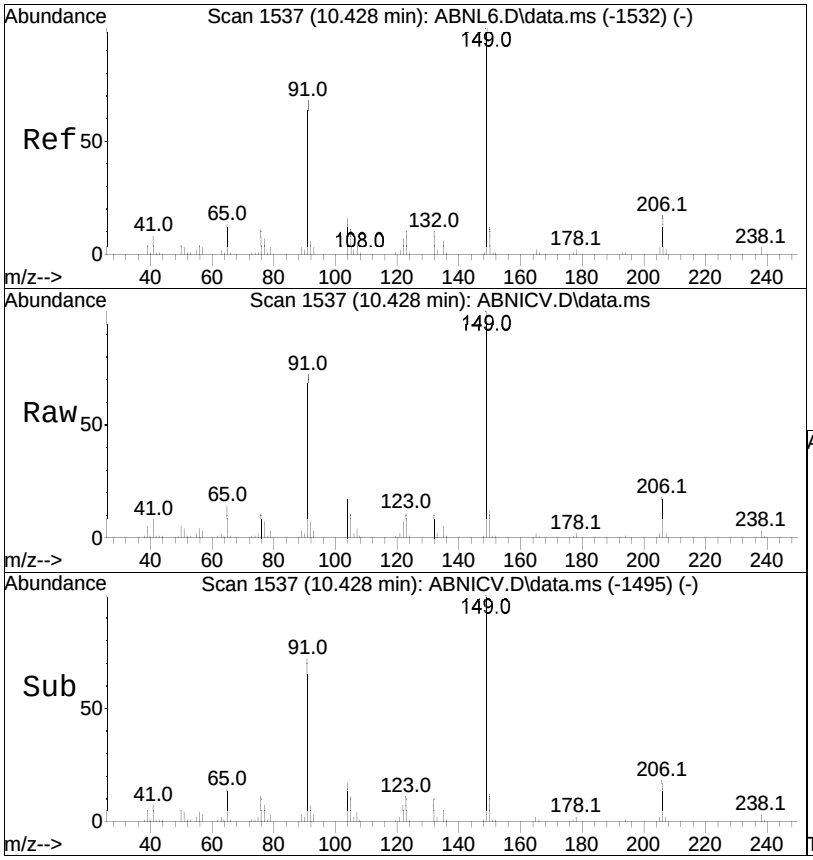


#95
Pyrene
Concen: 5.00 ug/ml
RT: 9.716 min Scan# 1416
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:202 Resp: 239926

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	17.8	14.3	21.5

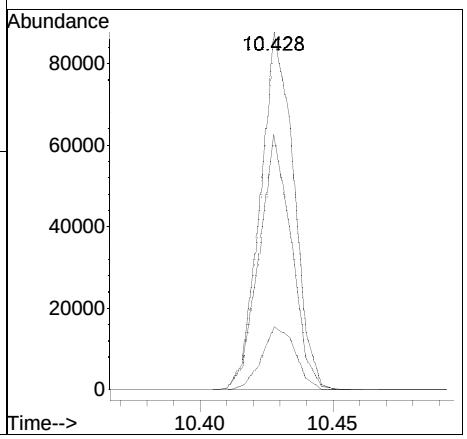


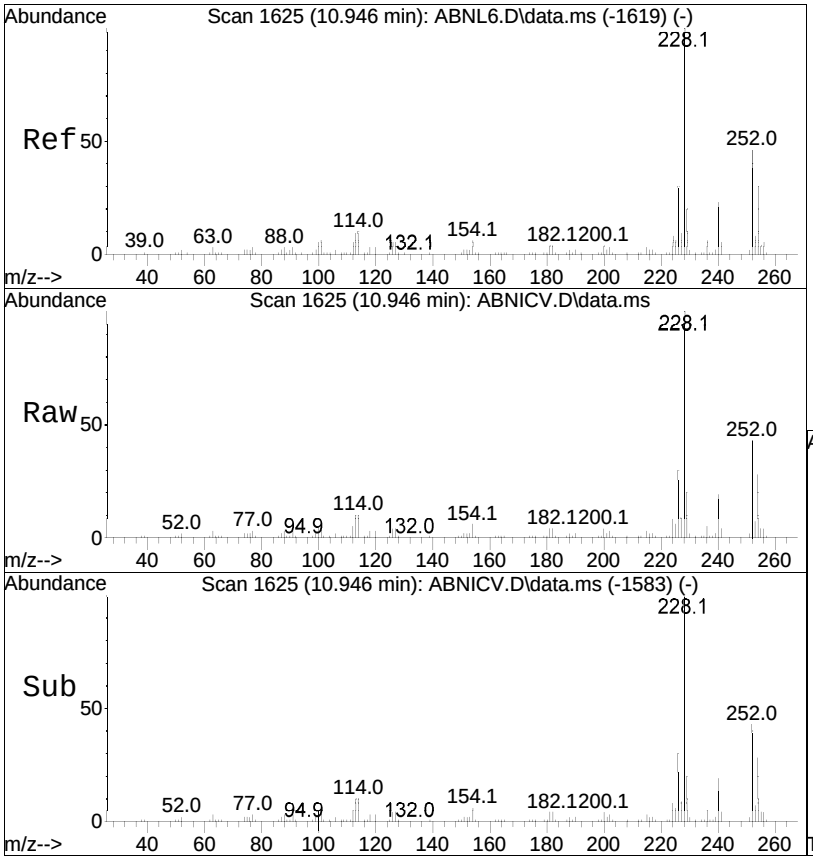


#97
Butyl benzyl phthalate
Concen: 4.97 ug/ml
RT: 10.428 min Scan# 1537
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:149 Resp: 76196

Ion	Ratio	Lower	Upper
149	100		
91	69.7	57.9	86.9
206	17.8	11.9	17.9

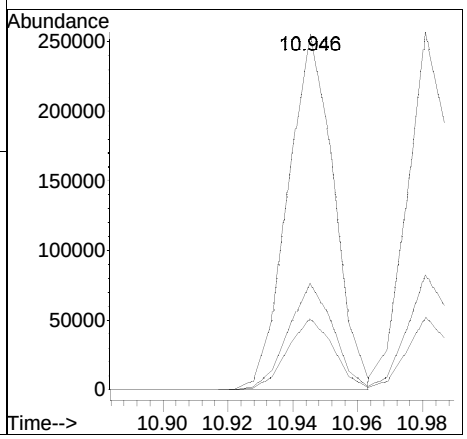


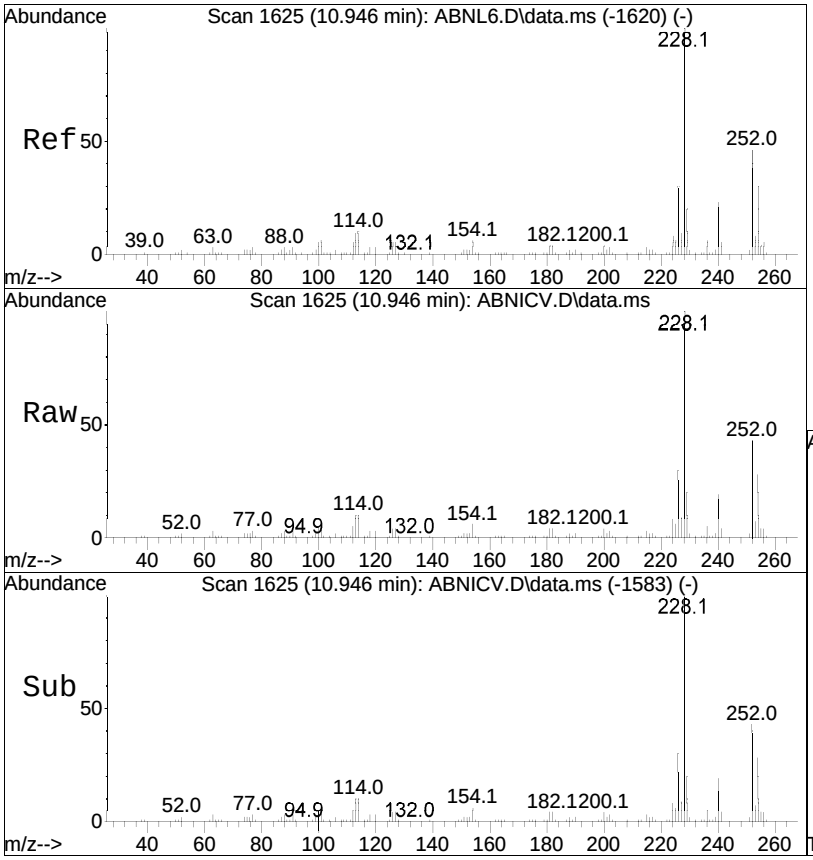


#105
Benzo(a)anthracene
Concen: 4.84 ug/ml
RT: 10.946 min Scan# 1625
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:228 Resp: 251328

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	20.1	15.8	23.6

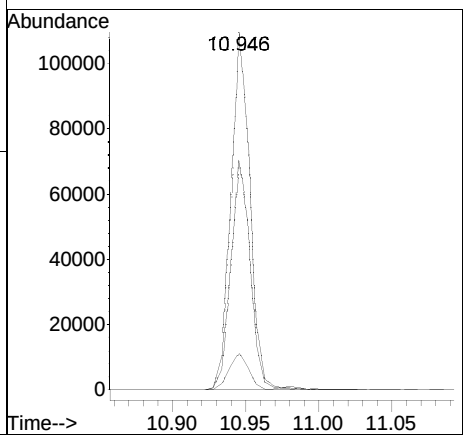


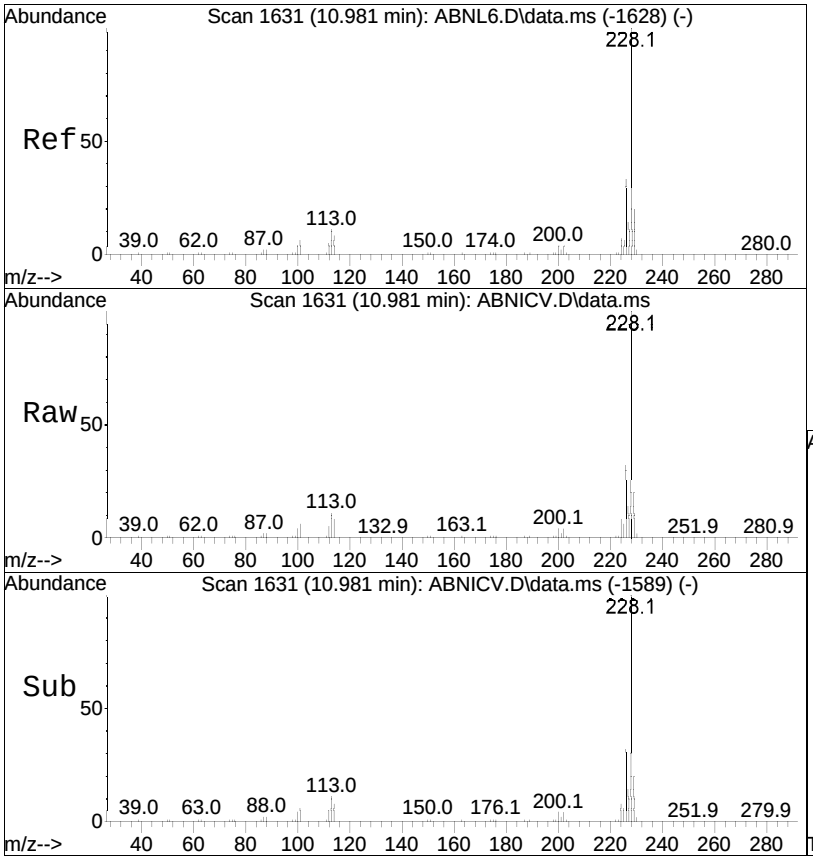


#106
3,3'-Dichlorobenzidine
Concen: 4.87 ug/ml
RT: 10.946 min Scan# 1625
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:252 Resp: 98193

Ion	Ratio	Lower	Upper
252	100		
126	10.7	12.6	19.0#
254	65.2	51.1	76.7

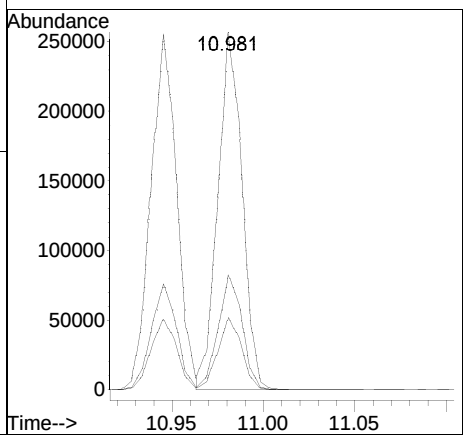


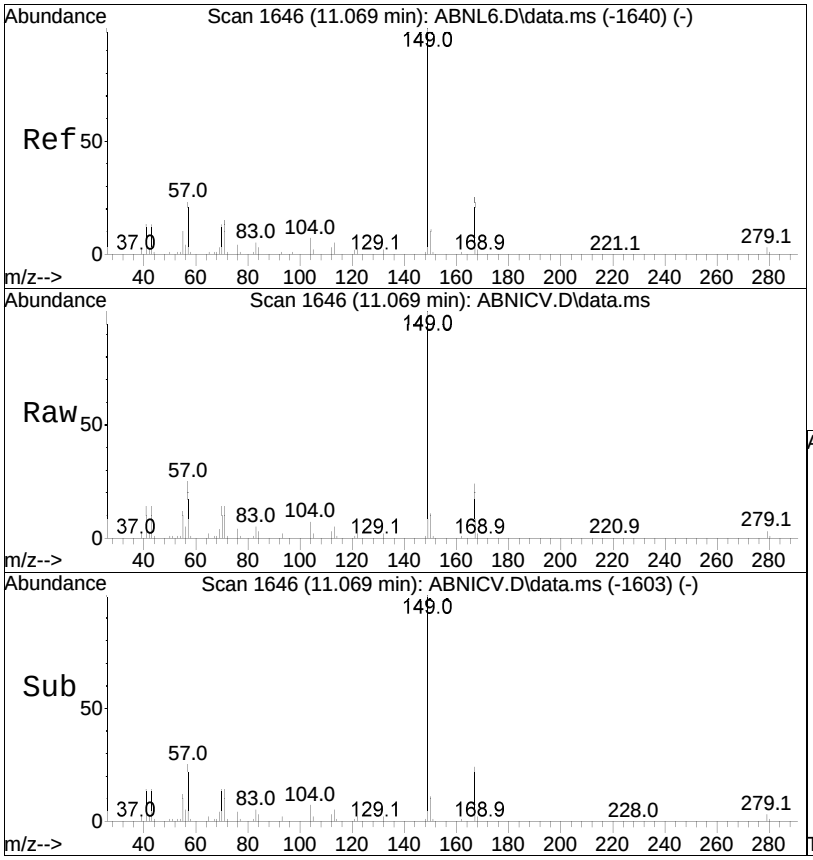


#107
Chrysene
Concen: 4.91 ug/ml
RT: 10.981 min Scan# 1631
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:228 Resp: 236506

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.7	37.1
229	19.9	15.5	23.3

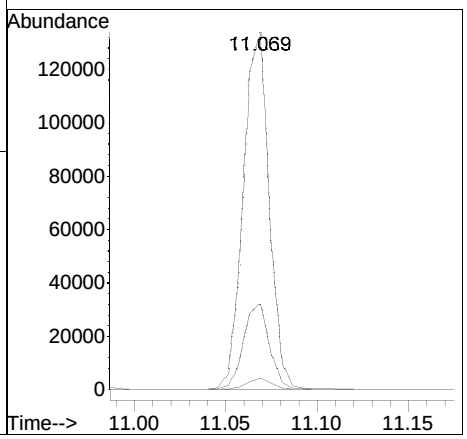


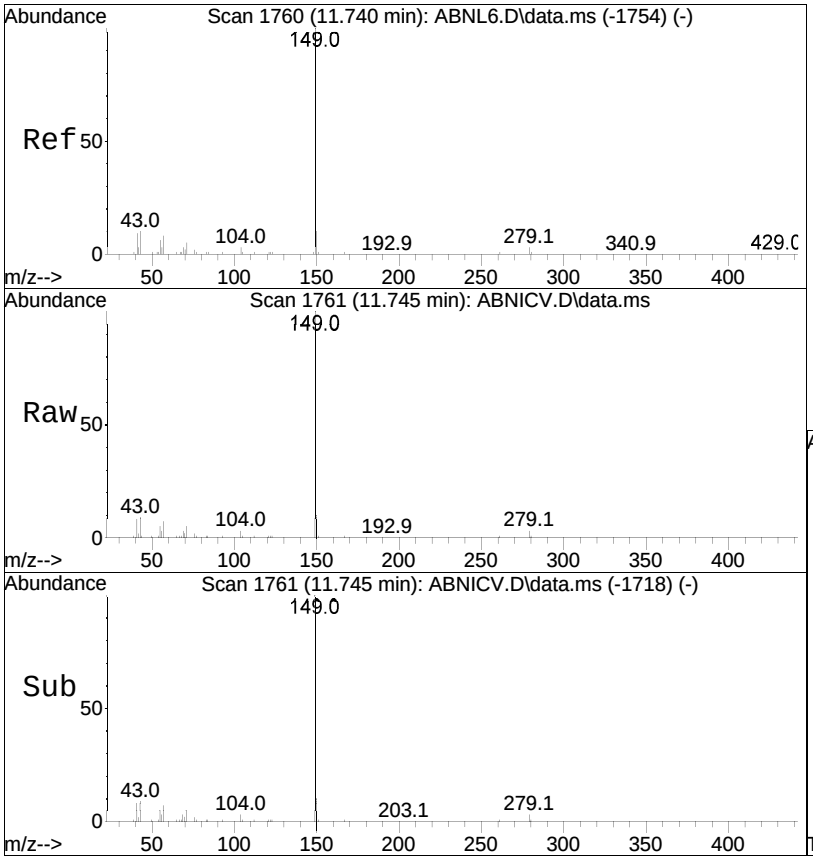


#108
Bis(2-ethylhexyl)phthalate
Concen: 5.20 ug/ml
RT: 11.069 min Scan# 1646
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:149 Resp: 130151

Ion	Ratio	Lower	Upper
149	100		
167	24.1	18.4	27.6
279	2.8	1.7	2.5#

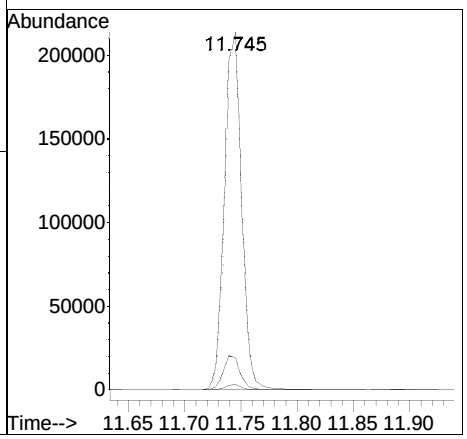


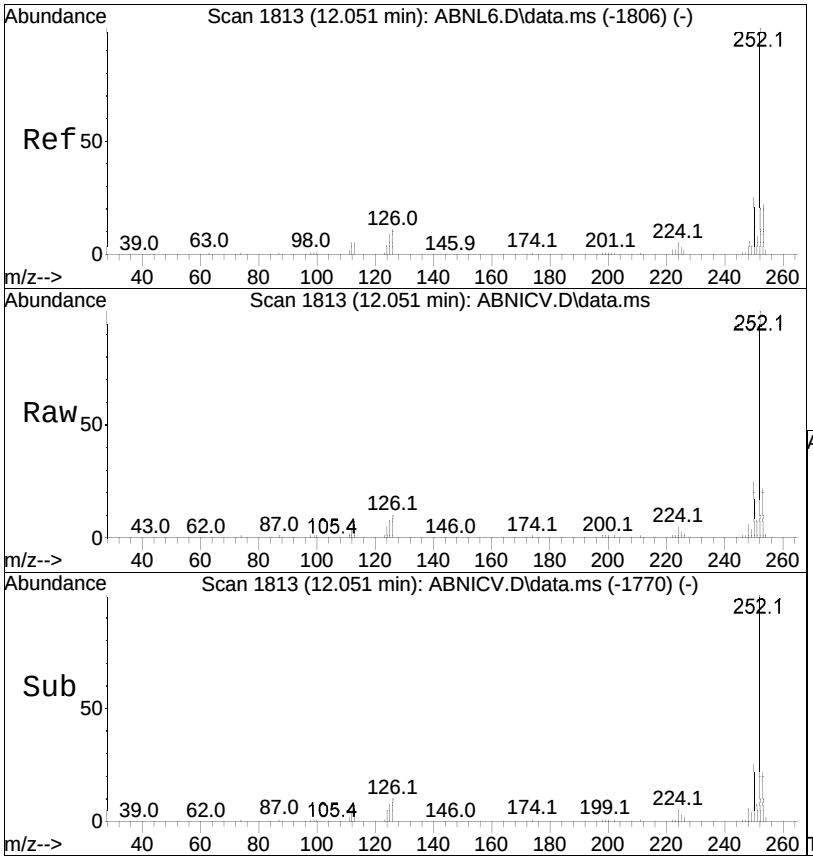


#109
Di-n-octylphthalate
Concen: 5.33 ug/ml
RT: 11.745 min Scan# 1761
Delta R.T. 0.005 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:149 Resp: 222410

Ion	Ratio	Lower	Upper
149	100		
43	9.8	8.2	12.2
167	1.4	1.1	1.7

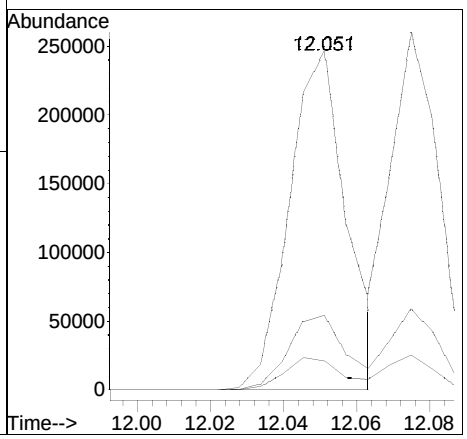


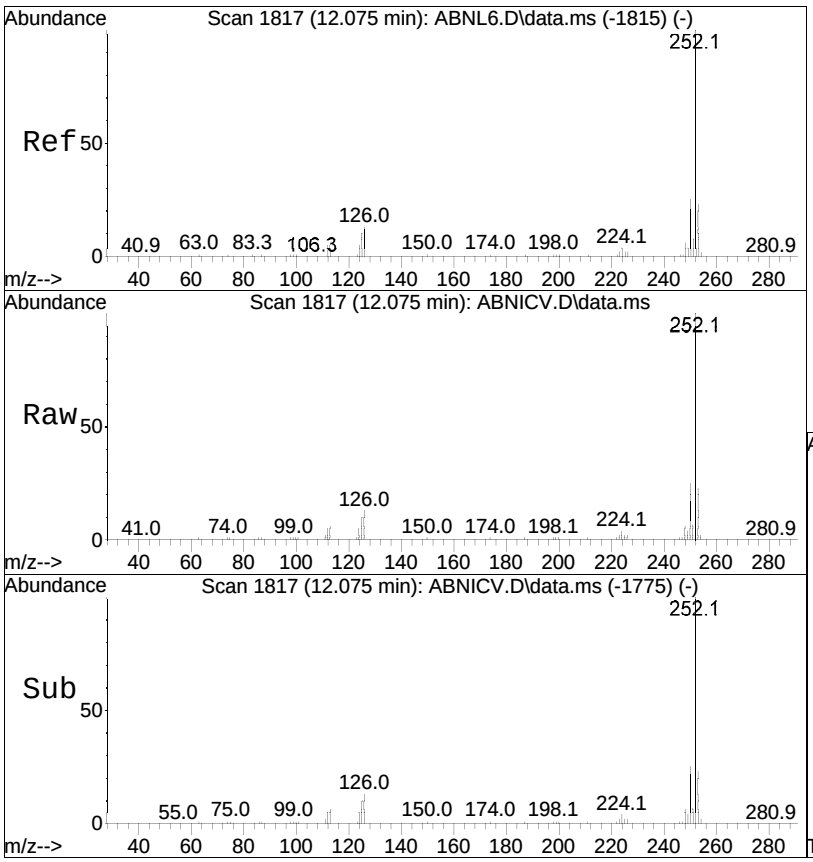


#110
Benzo(b)fluoranthene
Concen: 5.05 ug/ml
RT: 12.051 min Scan# 1813
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:252 Resp: 269209

Ion	Ratio	Lower	Upper
252	100		
125	9.8	11.3	16.9#
253	22.4	17.8	26.8

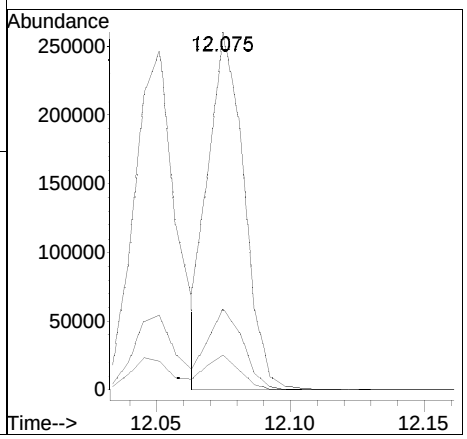


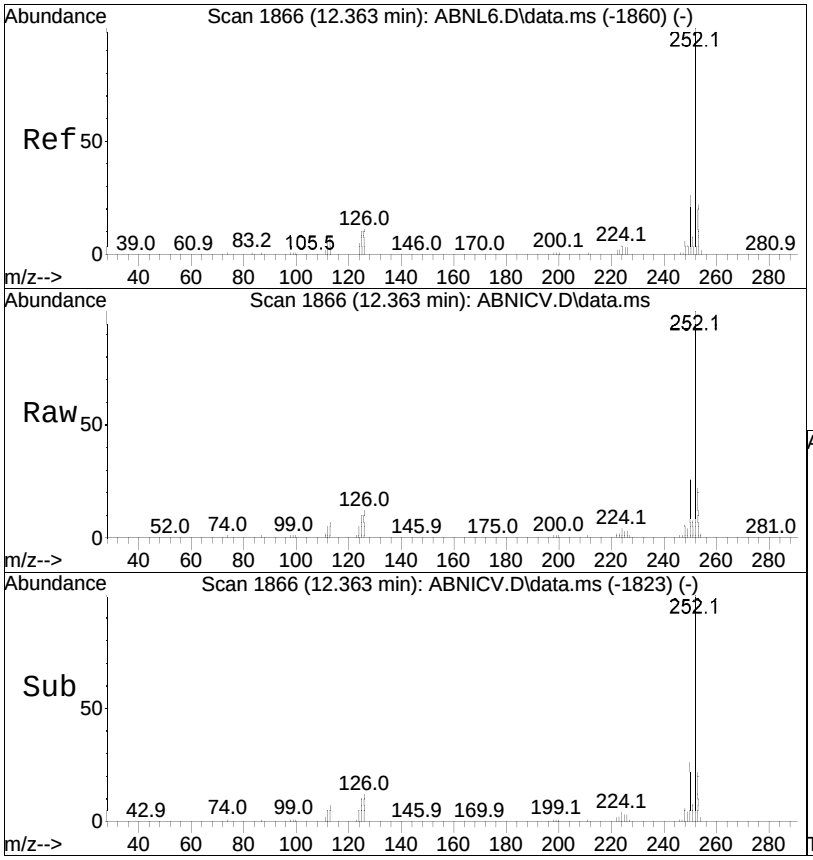


#111
Benzo(k)fluoranthene
Concen: 4.77 ug/ml M3
RT: 12.075 min Scan# 1817
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:252 Resp: 241918

Ion	Ratio	Lower	Upper
252	100		
125	10.9	11.5	17.3#
253	24.9	17.6	26.4

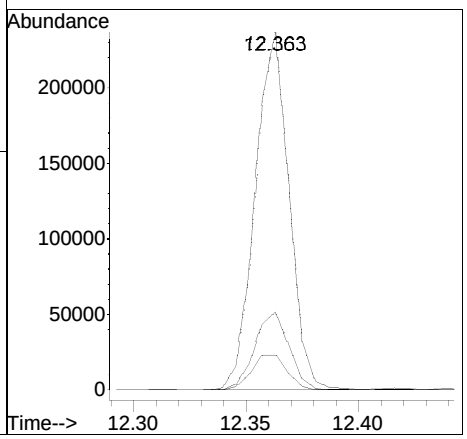


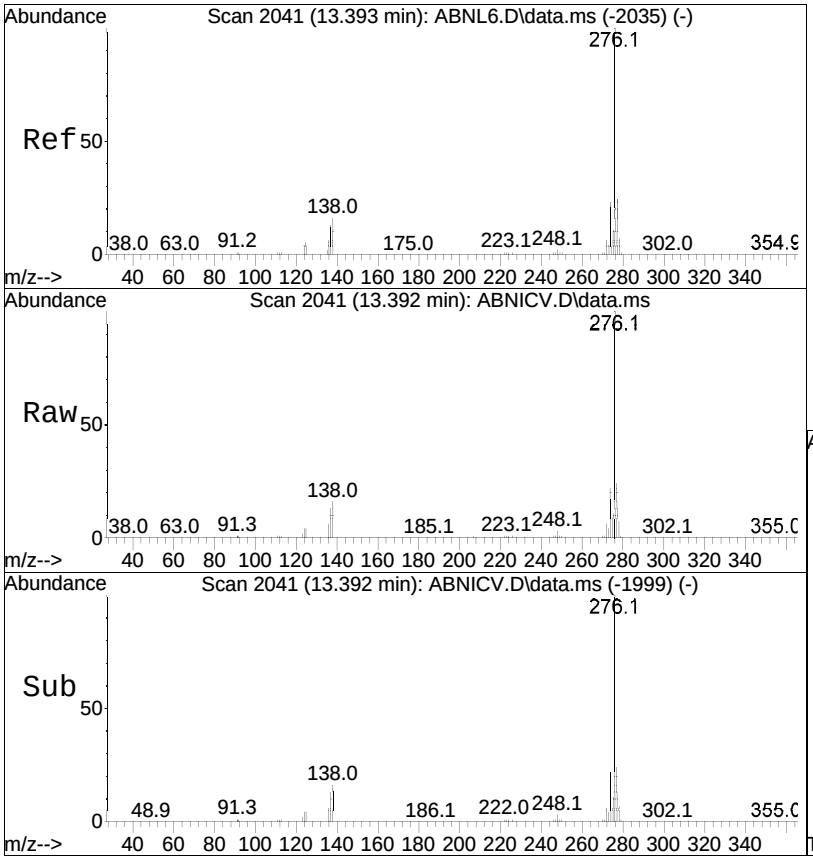


#112
Benzo(a)pyrene
Concen: 4.93 ug/ml
RT: 12.363 min Scan# 1866
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:252 Resp: 245534

Ion	Ratio	Lower	Upper
252	100		
125	10.6	12.6	18.8#
253	22.3	17.5	26.3

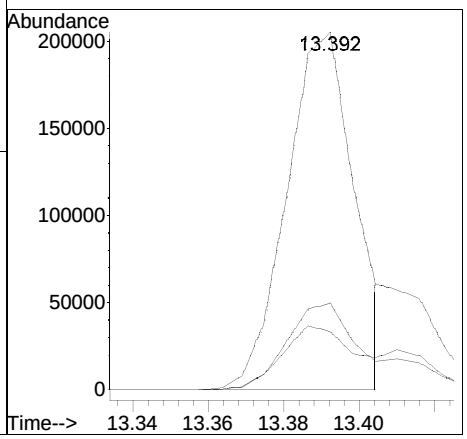


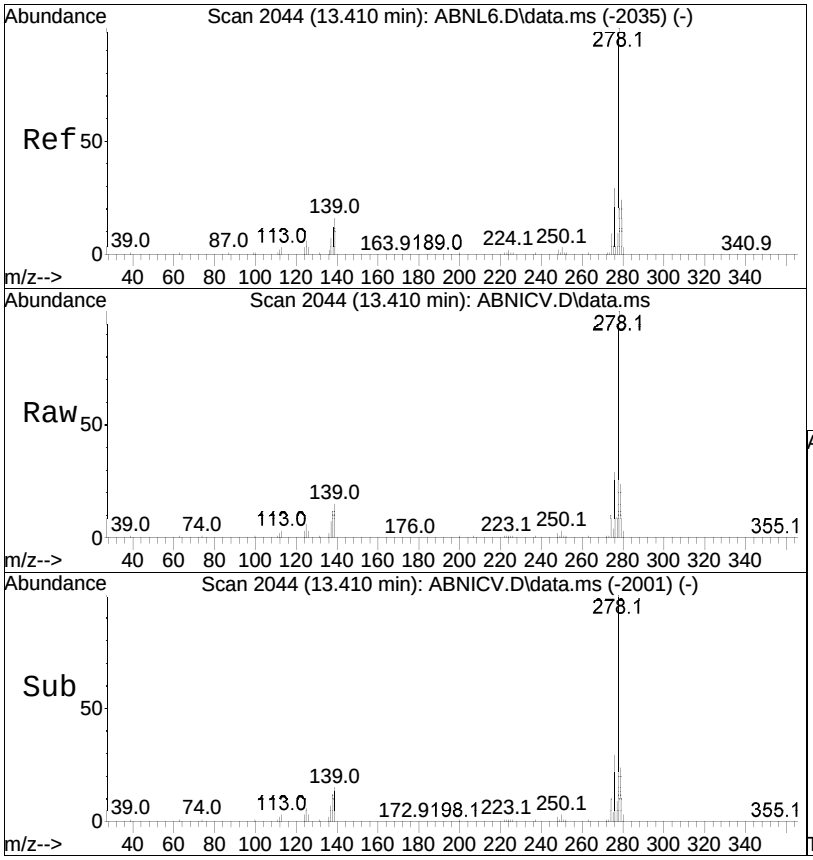


#114
Indeno(1,2,3-cd)pyrene
Concen: 4.74 ug/mL M6
RT: 13.392 min Scan# 2041
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:276 Resp: 257805

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.1	33.1
277	30.8	19.0	28.6#

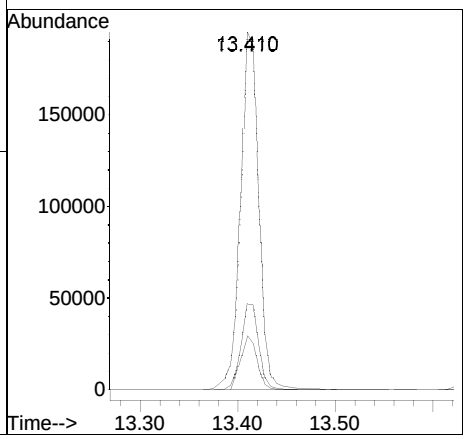


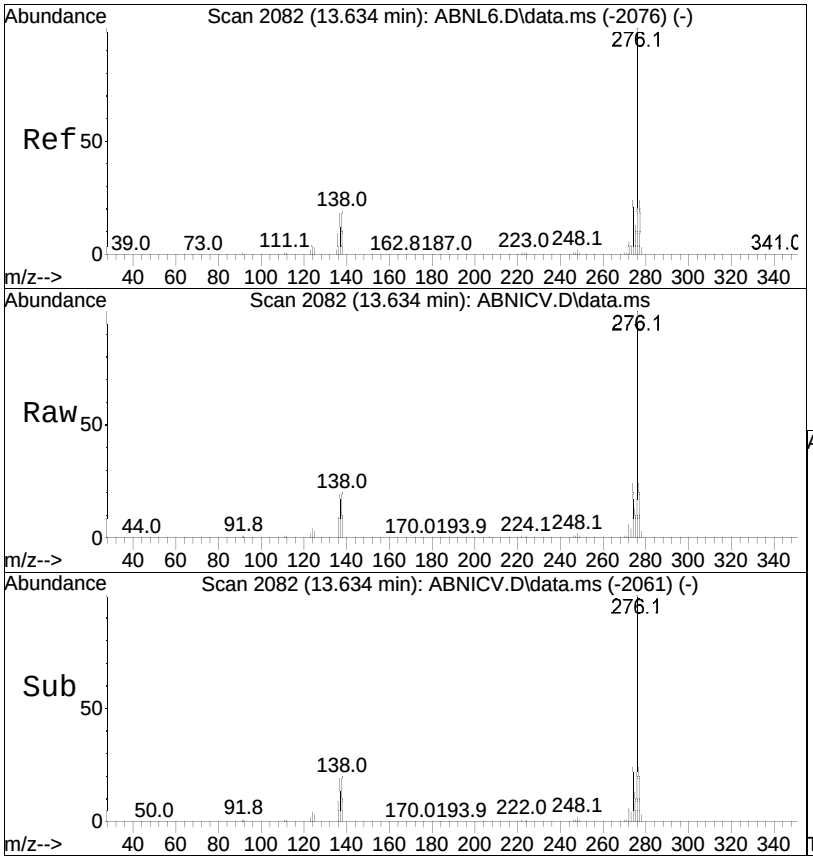


#115
Dibenzo(a,h)anthracene
Concen: 5.01 ug/ml
RT: 13.410 min Scan# 2044
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:278 Resp: 252213

Ion	Ratio	Lower	Upper
278	100		
139	13.8	17.8	26.8#
279	23.6	19.2	28.8

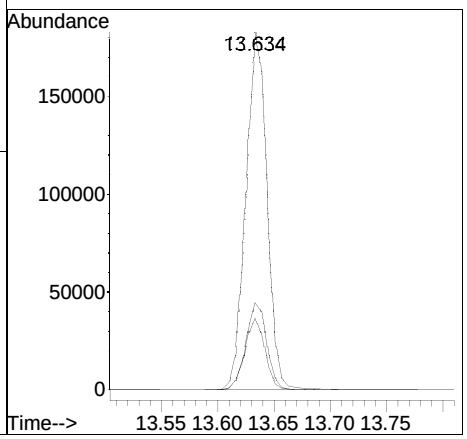




#116
Benzo(ghi)perylene
Concen: 4.72 ug/ml
RT: 13.634 min Scan# 2082
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 07 Feb 2026 06:16 am

Tgt Ion:276 Resp: 236334

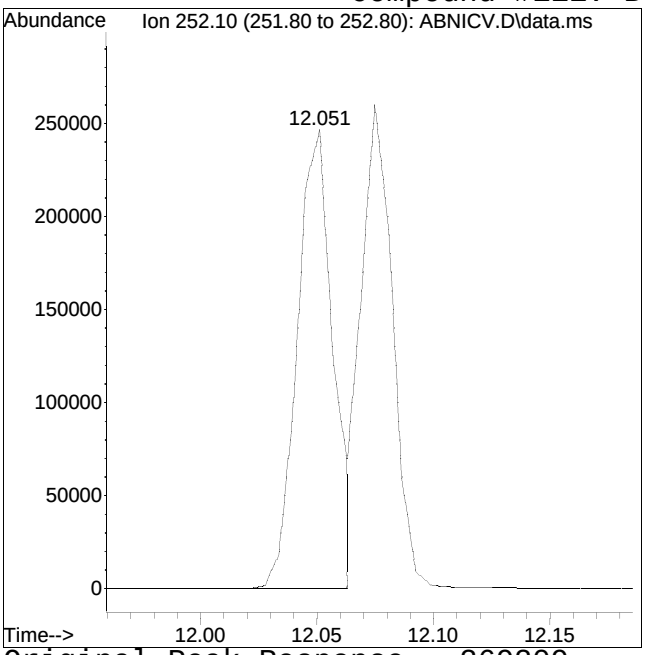
Ion	Ratio	Lower	Upper
276	100		
138	19.4	21.9	32.9#
277	24.2	18.4	27.6

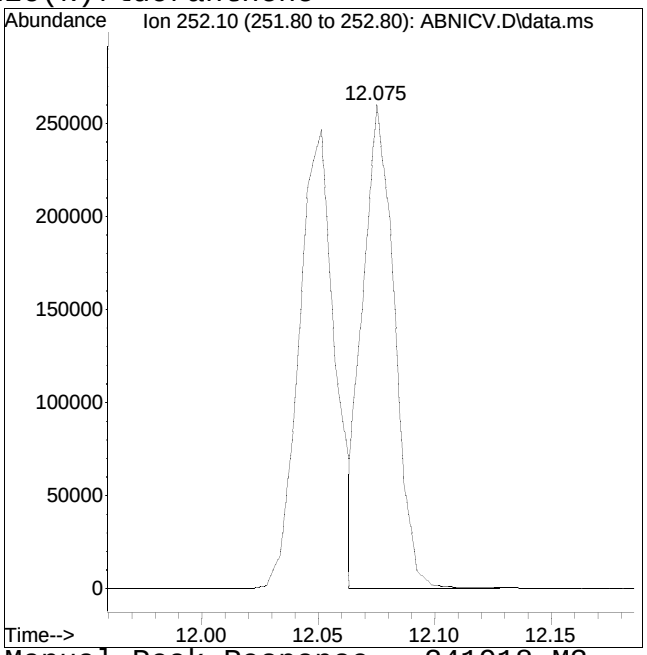


Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQ
Data File : ABNICV.D
Date Inj'd : 2/7/2026 6:16 am
Sample : CQICV1,32,,ABNICV Lot # 12
Method : FS260206SV112RVT.m
Operator : SV112:cmm
Instrument : SV112
Quant Date : 2/9/2026 11:50 am

Compound #111: Benzo(k)fluoranthene





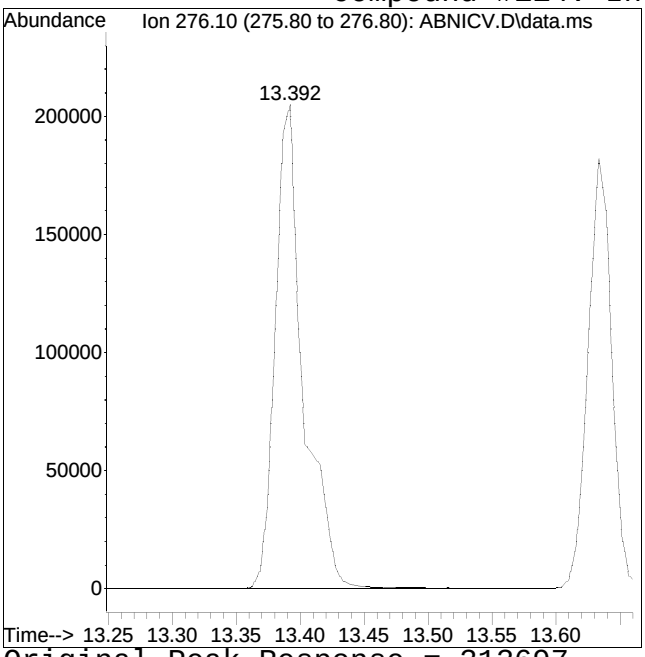
Original Peak Response = 269209 Manual Peak Response = 241918 M3

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.

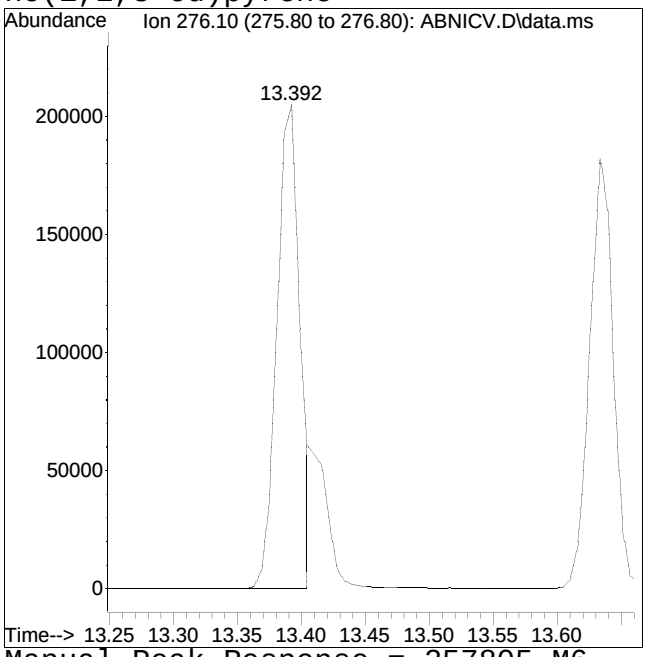
Manual Integration Report

Data Path : I:\8270\SV112\260206RVTICAQMethod : FS260206SV112RVT.m
Data File : ABNICV.D Operator : SV112:cmm
Date Inj'd : 2/7/2026 6:16 am Instrument : SV112
Sample : CQICV1,32,,ABNICV Lot # 12Quant Date : 2/9/2026 11:50 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 313697



Manual Peak Response = 257805 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9ICV.D
Acq On : 07 Feb 2026 06:35 am
Operator : SV112:cmm
Sample : CQICV2,32,,AP9ICV Lot # 12088
Misc : WG2174122,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 09 11:52:35 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:52:08 2026
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)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	137	0.00
28	T	Benzaldehyde	0.992	0.891	10.2	119	0.00
29	T	Acetophenone	1.732	1.618	6.6	120	0.00
30	T	m-Toluidine	1.646	1.546	6.1	119	0.00
31	T	2-Chloroaniline	1.535	1.409	8.2	119	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	137	0.00
56	T	a-Terpineol	0.245	0.227	7.3	122	0.00
57	T	3-Chloroaniline	0.140	0.131	6.4	121	0.00
58	T	2,6-Dichlorophenol	0.285	0.271	4.9	119	0.00
59	T	1-chloro-2-nitrobenzene	0.116	0.105	9.5	122	0.00
60	T	Caprolactam	0.155	0.135	12.9	122	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.423	0.388	8.3	121	0.00
62	T	Biphenyl	0.911	0.856	6.0	122	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	136	0.00
84	T	Dichloran	0.159	0.141	11.3	123	0.00
85	T	Pentachloronitrobenzene	0.179	0.161	10.1	118	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	136	0.00
99	T	Diphenamid	0.473	0.461	2.5	121	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9ICV.D
Acq On : 07 Feb 2026 06:35 am
Operator : SV112:cmm
Sample : CQICV2,32,,AP9ICV Lot # 12088
Misc : WG2174122,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 09 11:52:35 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:52:08 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.999	152	27561	4.000	ug/ml	0.00
Standard Area 3 = 20086			Recovery = 137.21%			
55) IS2_Naphthalene-d8	5.199	136	104247	4.000	ug/ml	0.00
Standard Area 3 = 75893			Recovery = 137.36%			
83) IS2_Acenaphthene-d10	6.893	164	67906	4.000	ug/ml	0.00
Standard Area 3 = 49773			Recovery = 136.43%			
98) IS2_Phenanthrene-d10	8.322	188	161676	4.000	ug/ml	# 0.00
Standard Area 3 = 118507			Recovery = 136.43%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.593	105	30687	4.488	ug/ml	98
29) Acetophenone	4.381	105	55735	4.669	ug/ml	98
30) m-Toluidine	4.458	106	53267	4.697	ug/ml	97
31) 2-Chloroaniline	4.810	127	48550	4.589	ug/ml	99
56) a-Terpineol	5.252	59	29595	4.626	ug/ml	88
57) 3-Chloroaniline	5.269	65	17072	4.669	ug/ml	97
58) 2,6-Dichlorophenol	5.299	162	35266	4.752	ug/ml#	90
59) 1-chloro-2-nitrobenzene	5.546	111	13683	4.538	ug/ml	96
60) Caprolactam	5.581	55	17614	4.363	ug/ml	95
61) 1,2,4,5-Tetrachloroben...	6.063	216	50500	4.579	ug/ml	97
62) Biphenyl	6.352	154	111514	4.699	ug/ml	99
84) Dichloran	8.022	206	11982	4.431	ug/ml#	76
85) Pentachloronitrobenzene	8.175	237	13693	4.498	ug/ml#	84
99) Diphenamid	9.234	167	93260	4.876	ug/ml	86

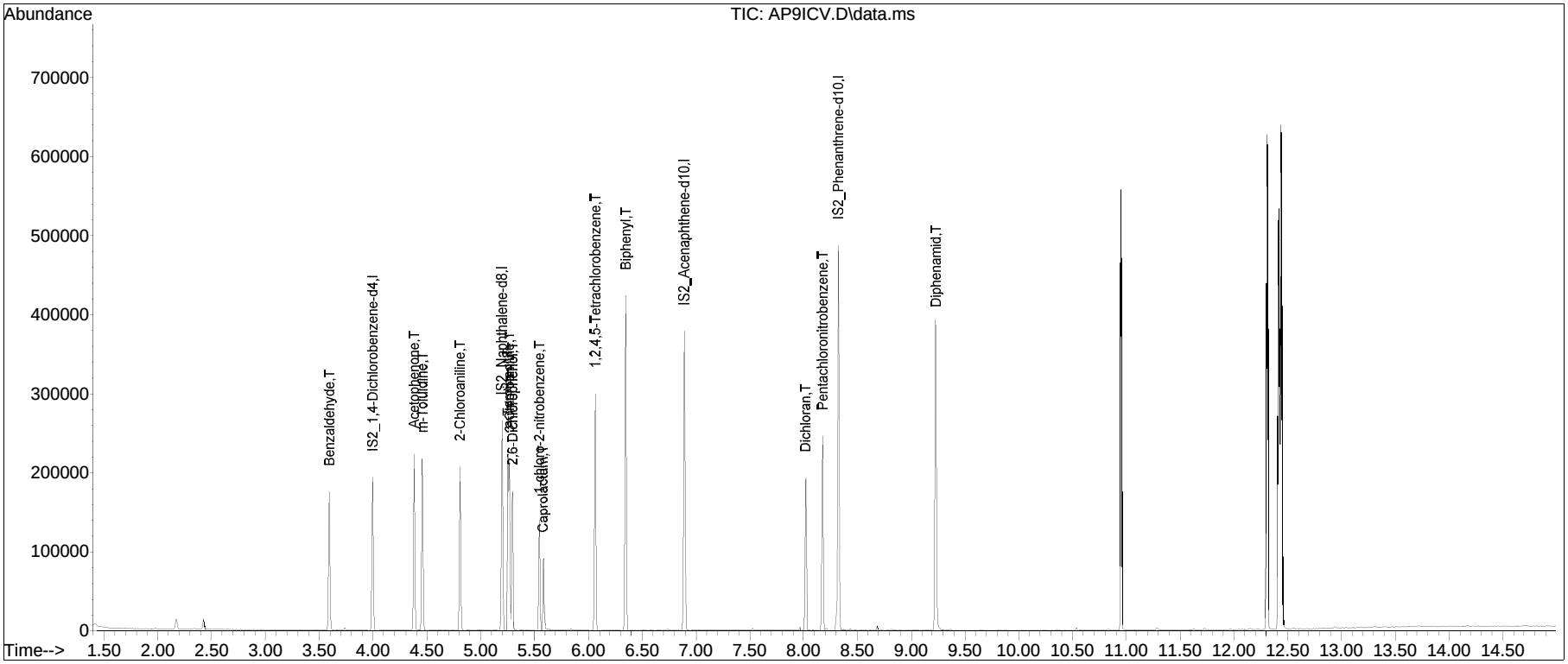
(#) = qualifier out of range (m) = manual integration (+) = signals summed

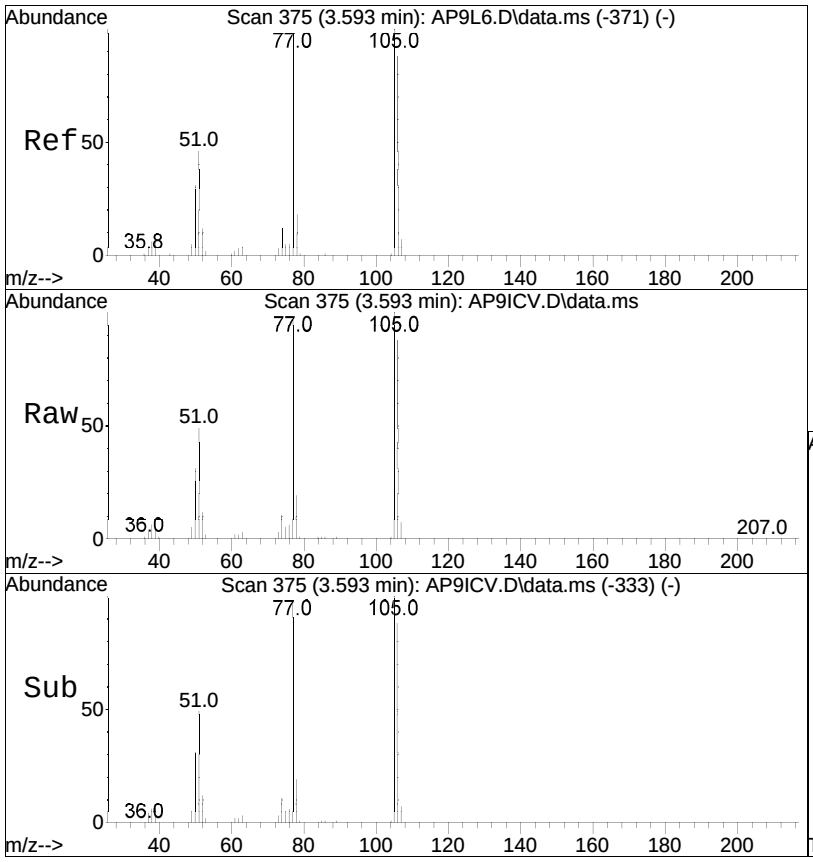
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : AP9ICV.D
Acq On : 07 Feb 2026 06:35 am
Operator : SV112:cmm
Sample : CQICV2,32,,AP9ICV Lot # 12088
Misc : WG2174122,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 09 11:52:35 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:52:08 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistTICAL\AP9L6.D•

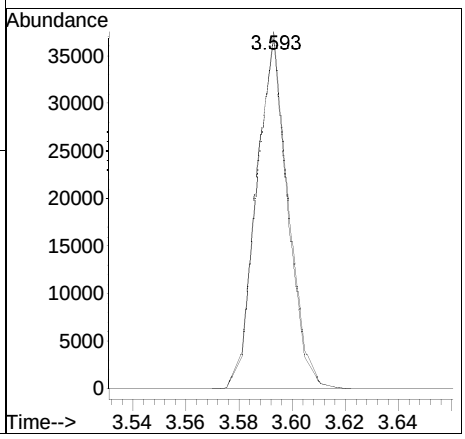


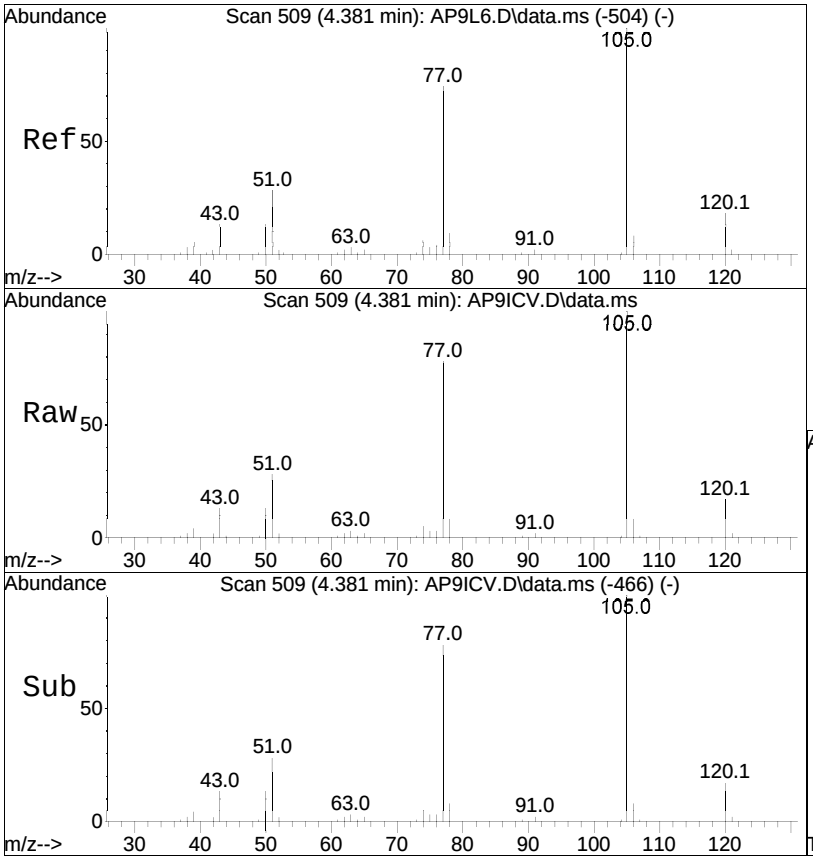


#28
Benzaldehyde
Concen: 4.49 ug/ml
RT: 3.593 min Scan# 375
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:105 Resp: 30687

Ion	Ratio	Lower	Upper
105	100		
77	98.2	77.0	115.6

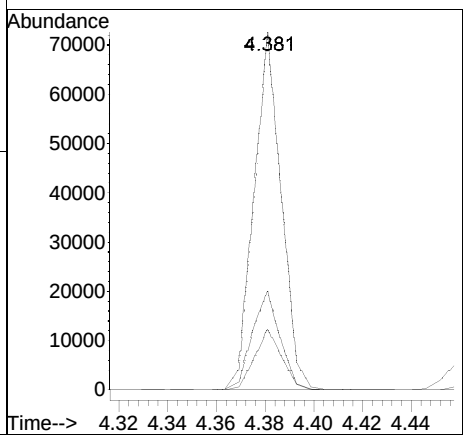


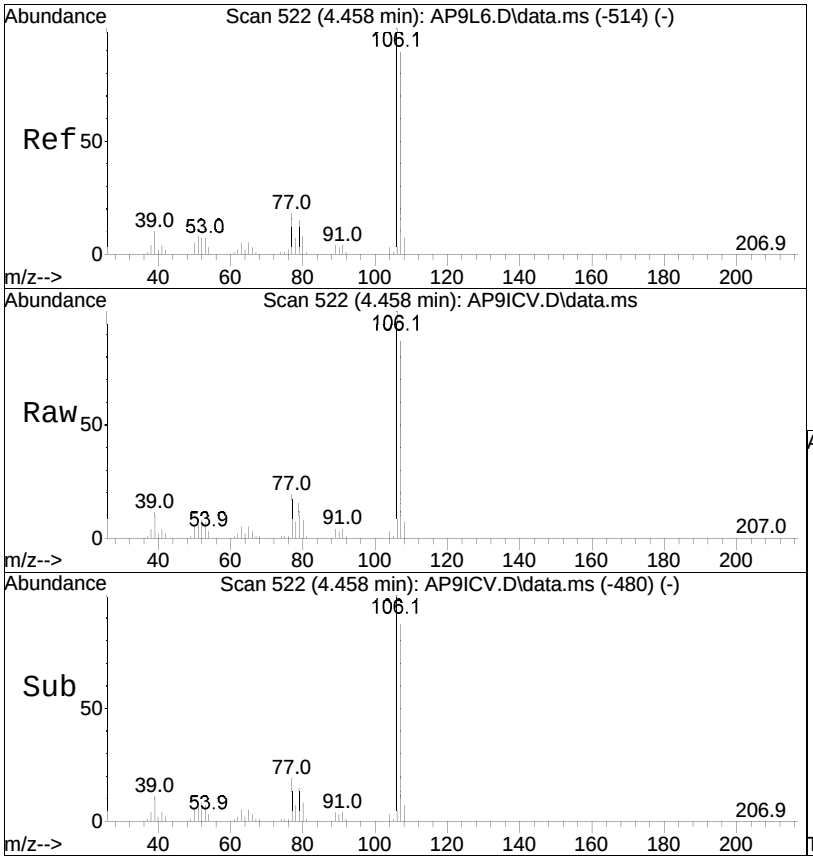


#29
Acetophenone
Concen: 4.67 ug/ml
RT: 4.381 min Scan# 509
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:105 Resp: 55735

Ion	Ratio	Lower	Upper
105	100		
120	17.0	15.2	22.8
51	28.3	23.1	34.7

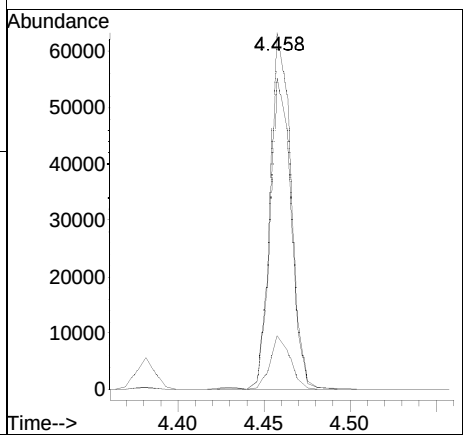


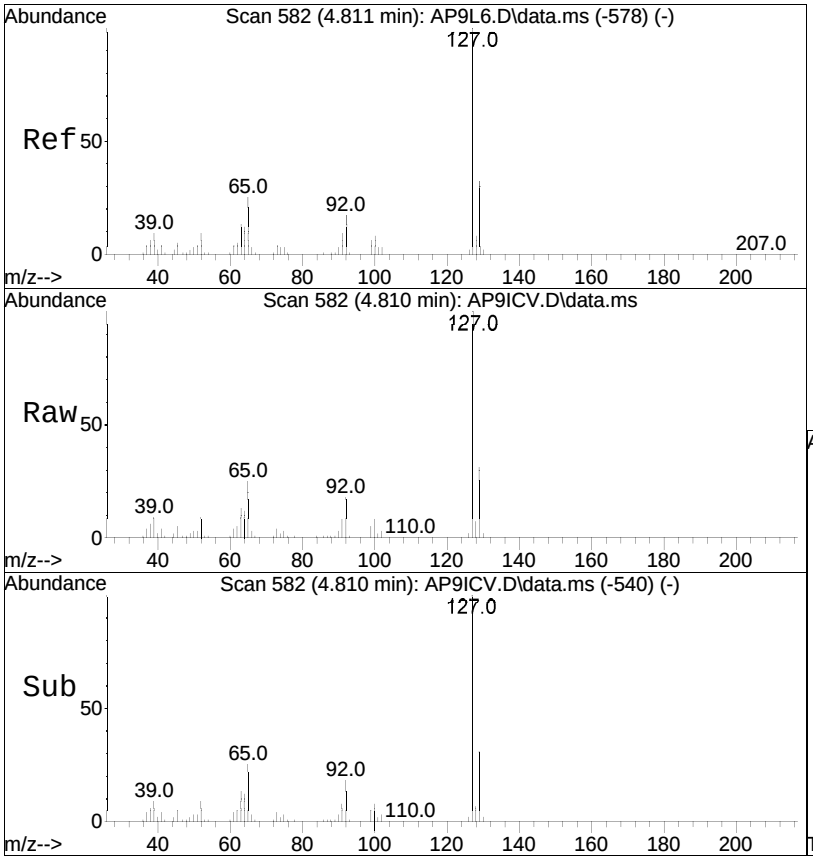


#30
m-Toluidine
Concen: 4.70 ug/ml
RT: 4.458 min Scan# 522
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:106 Resp: 53267

Ion	Ratio	Lower	Upper
106	100		
107	87.7	72.3	108.5
79	14.6	12.2	18.2

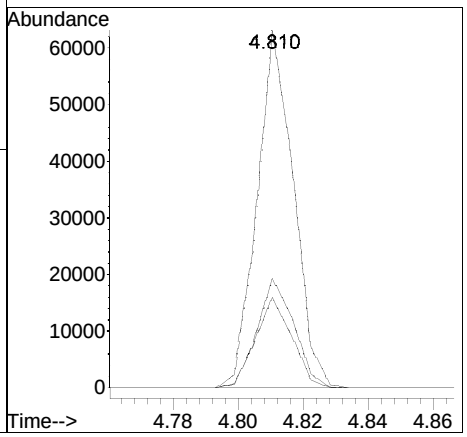


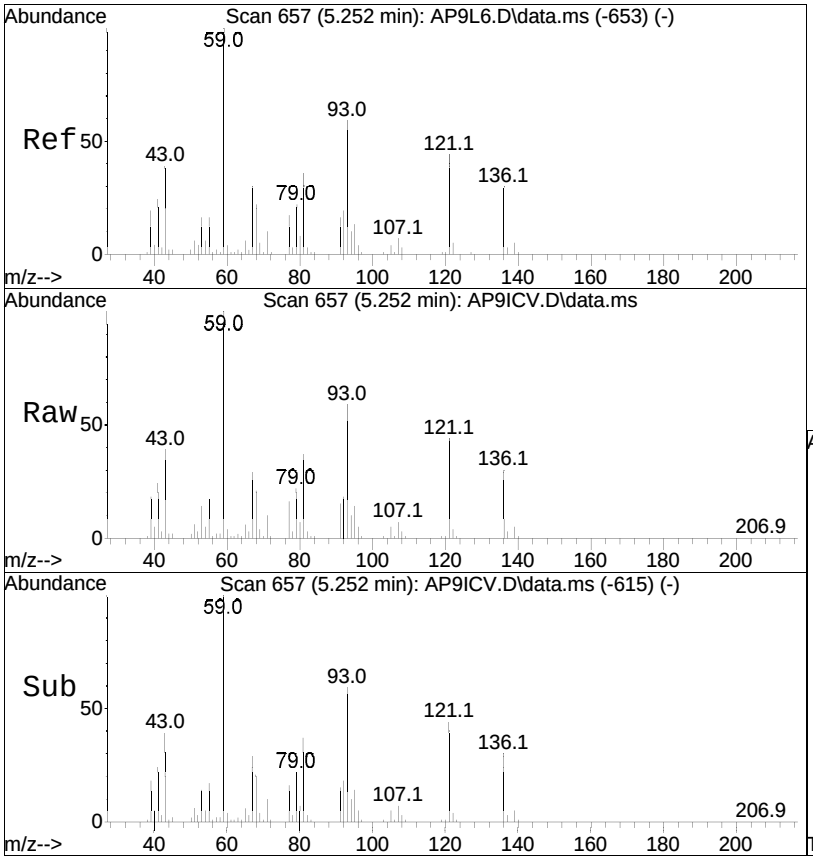


#31
2-Chloroaniline
Concen: 4.59 ug/ml
RT: 4.810 min Scan# 582
Delta R.T. -0.001 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:127 Resp: 48550

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	25.5	20.5	30.7

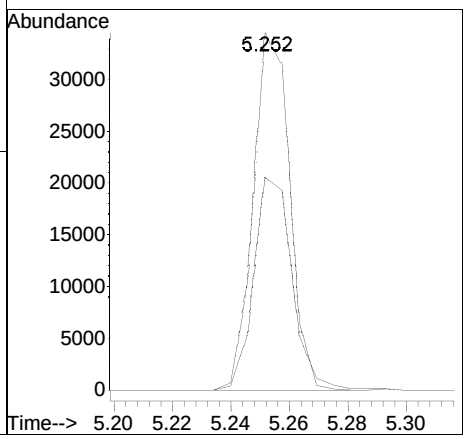


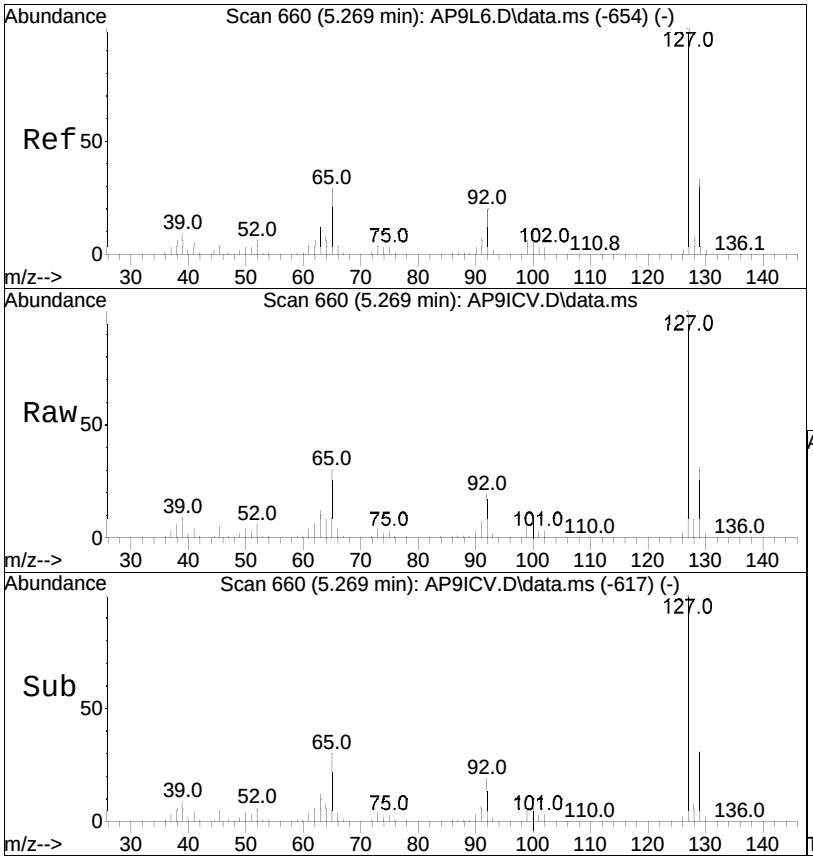


#56
a-Terpineol
Concen: 4.63 ug/ml
RT: 5.252 min Scan# 657
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion: 59 Resp: 29595

Ion	Ratio	Lower	Upper
59	100		
93	63.2	43.5	65.3

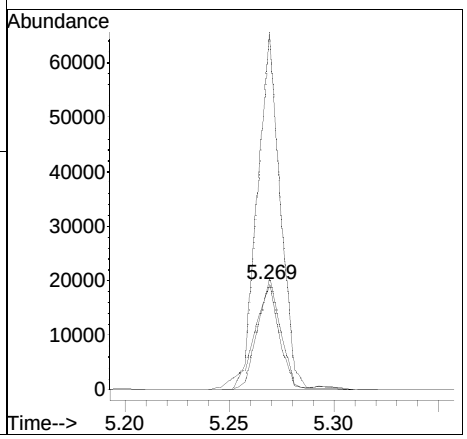


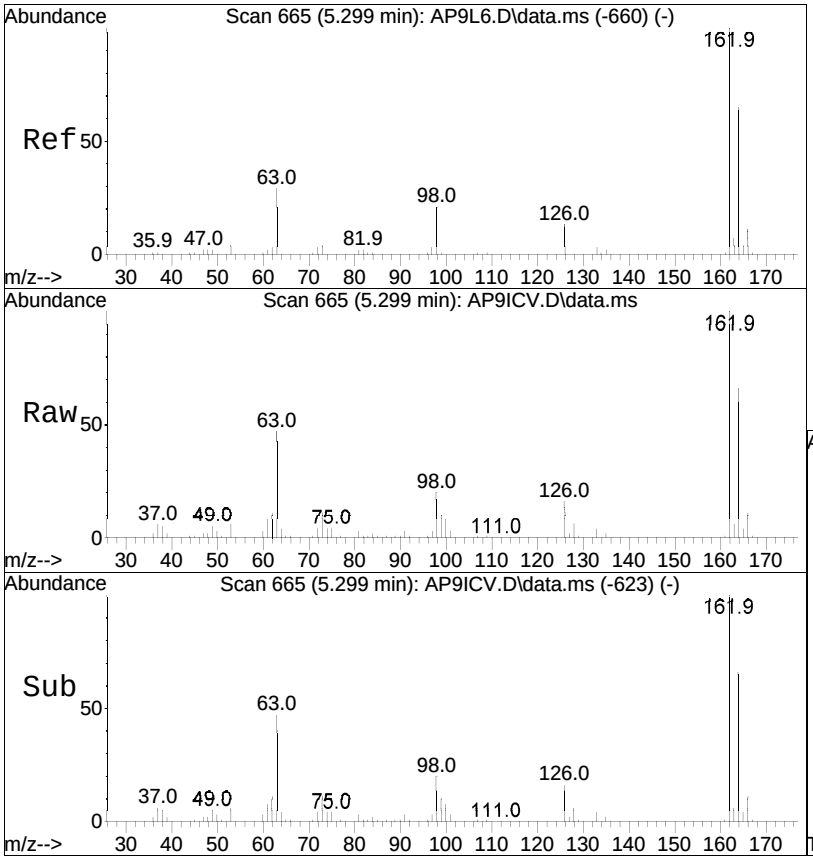


#57
3-Chloroaniline
Concen: 4.67 ug/ml
RT: 5.269 min Scan# 660
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion: 65 Resp: 17072

Ion	Ratio	Lower	Upper
65	100		
127	291.5	236.6	355.0
129	92.0	76.6	115.0

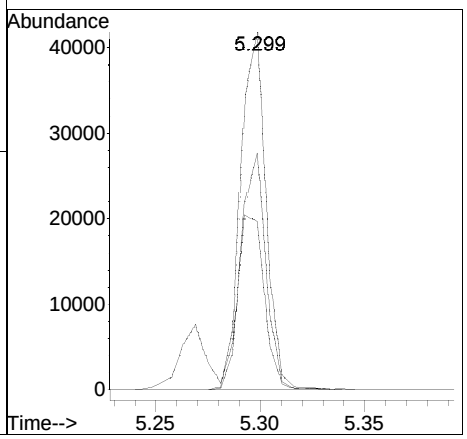


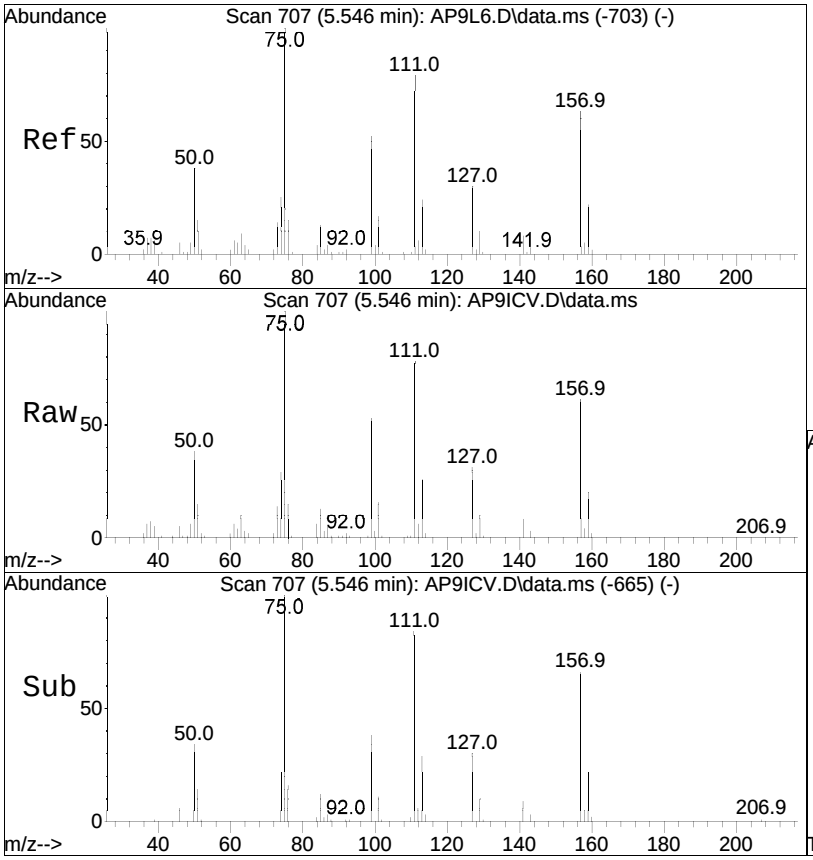


#58
2,6-Dichlorophenol
Concen: 4.75 ug/ml
RT: 5.299 min Scan# 665
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:162 Resp: 35266

Ion	Ratio	Lower	Upper
162	100		
164	64.8	50.8	76.2
63	51.9	53.6	80.4#

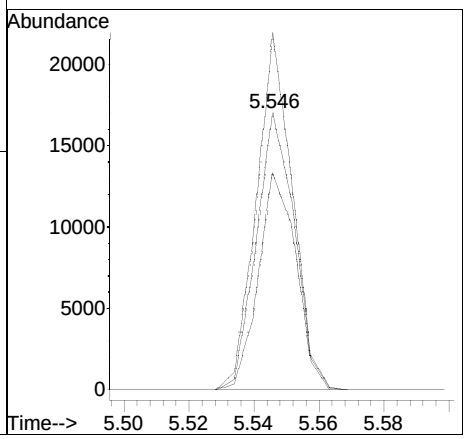


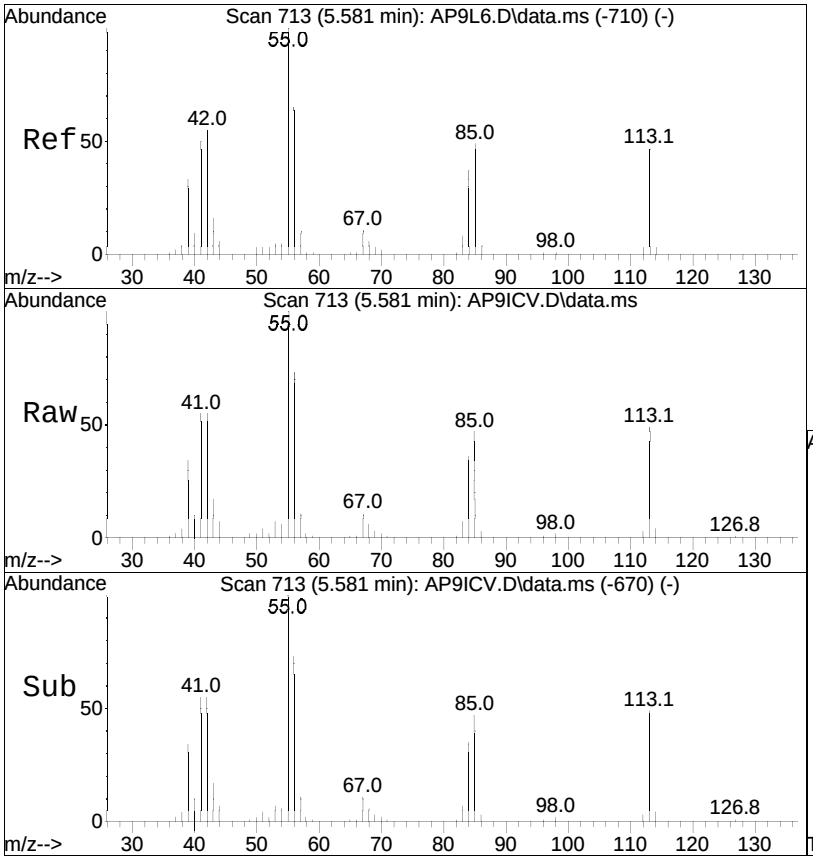


#59
1-chloro-2-nitrobenzene
Concen: 4.54 ug/ml
RT: 5.546 min Scan# 707
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:111 Resp: 13683

Ion	Ratio	Lower	Upper
111	100		
157	77.6	56.2	84.2
75	121.7	97.8	146.6

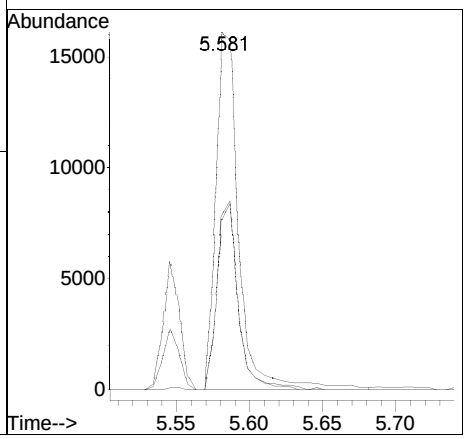


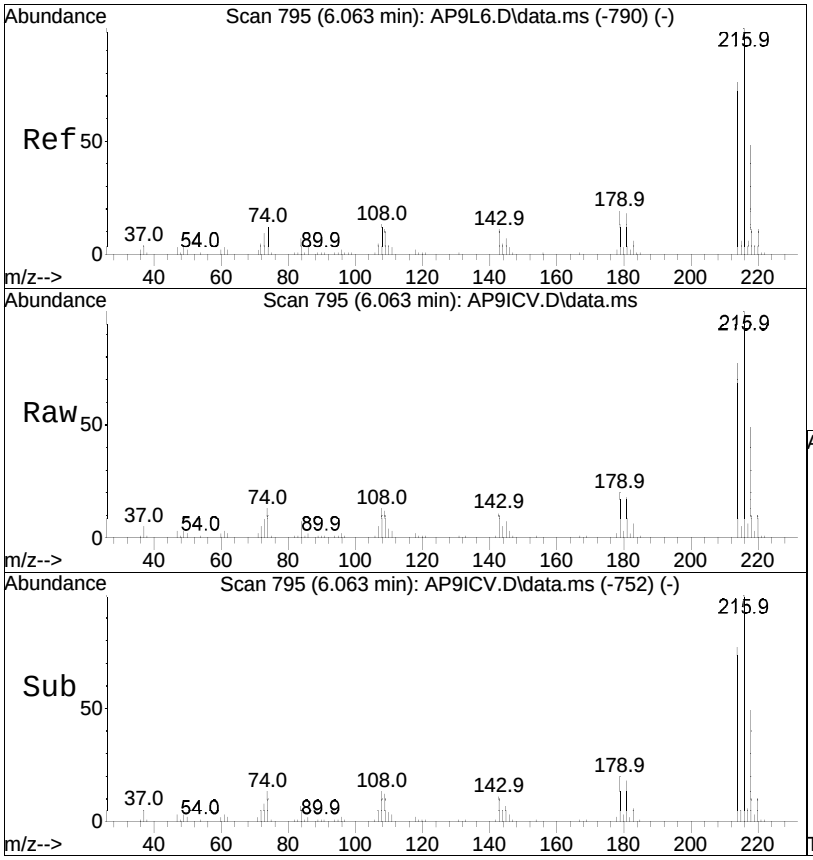


#60
Caprolactam
Concen: 4.36 ug/ml
RT: 5.581 min Scan# 713
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion: 55 Resp: 17614

Ion	Ratio	Lower	Upper
55	100		
85	48.3	35.2	52.8
113	48.1	36.6	55.0

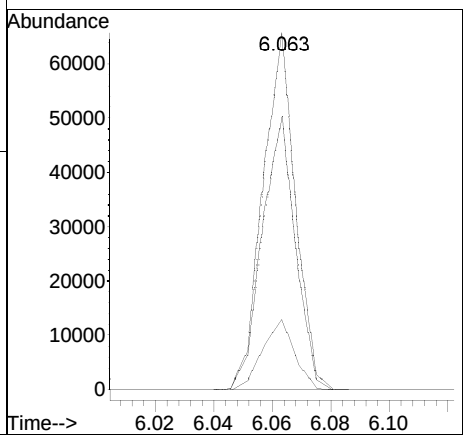


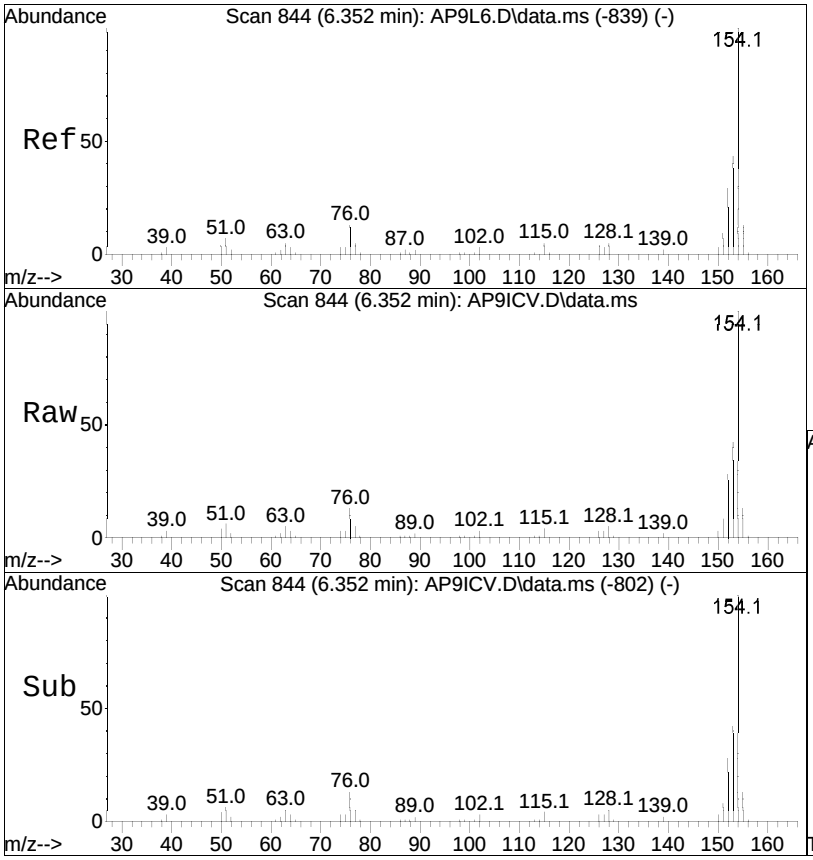


#61
1,2,4,5-Tetrachlorobenzene
Concen: 4.58 ug/ml
RT: 6.063 min Scan# 795
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:216 Resp: 50500

Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.0	96.0
179	19.6	18.7	28.1

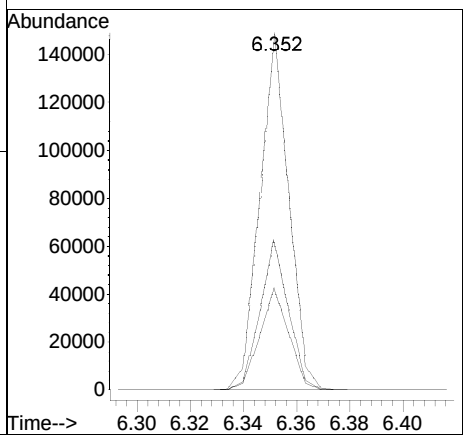


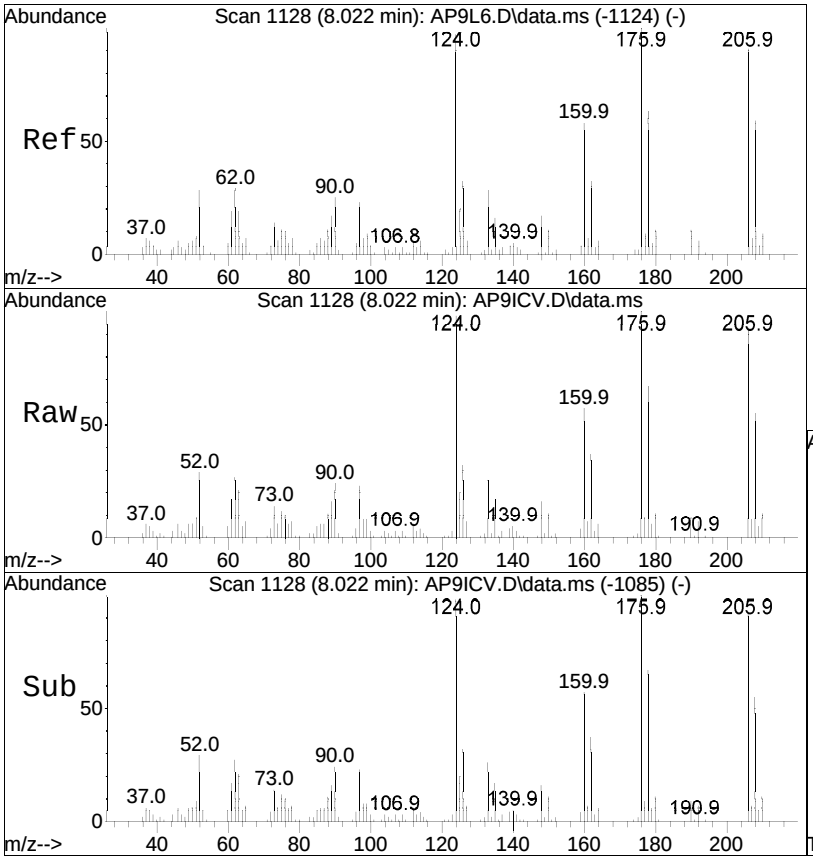


#62
Biphenyl
Concen: 4.70 ug/ml
RT: 6.352 min Scan# 844
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:154 Resp: 111514

Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.5	48.7
152	28.9	22.6	34.0

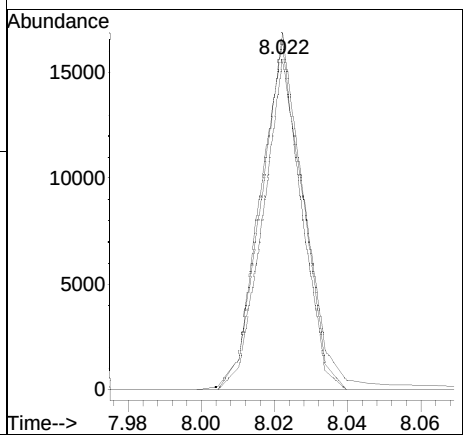


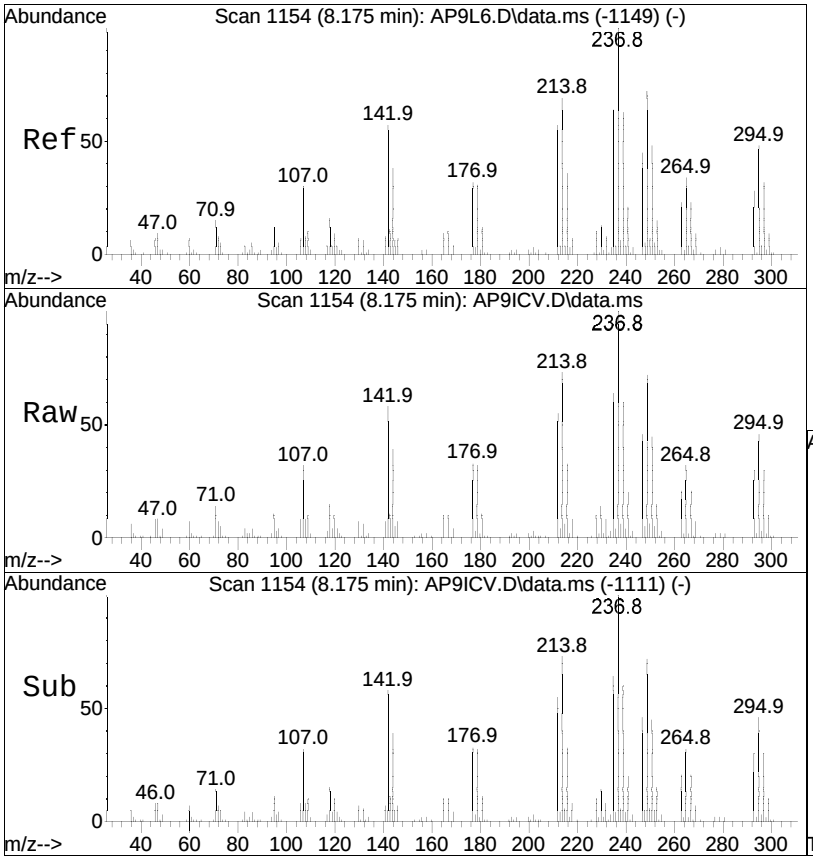


#84
Dichloran
Concen: 4.43 ug/ml
RT: 8.022 min Scan# 1128
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:206 Resp: 11982

Ion	Ratio	Lower	Upper
206	100		
176	116.8	98.8	148.2
124	106.3	125.8	188.6#

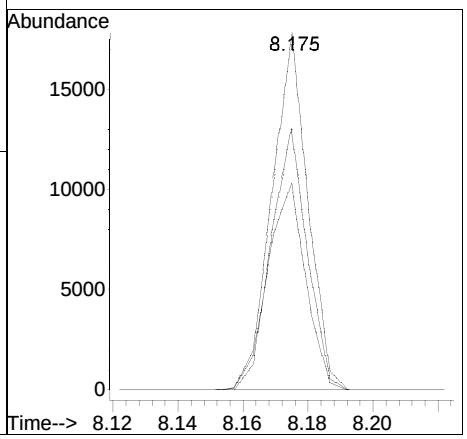


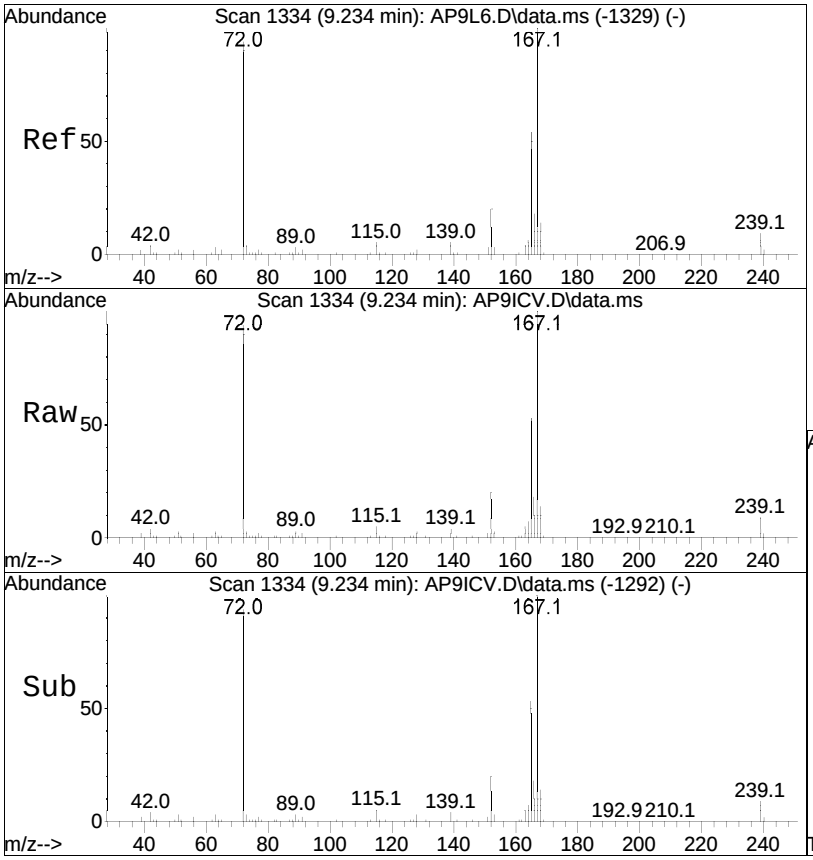


#85
Pentachloronitrobenzene
Concen: 4.50 ug/ml
RT: 8.175 min Scan# 1154
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:237 Resp: 13693

Ion	Ratio	Lower	Upper
237	100		
142	61.6	70.3	105.5#
214	73.4	59.4	89.2

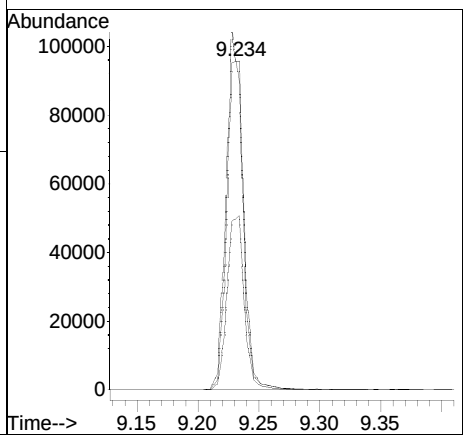




#99
Diphenamid
Concen: 4.88 ug/ml
RT: 9.234 min Scan# 1334
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 07 Feb 2026 06:35 am

Tgt Ion:167 Resp: 93260

Ion	Ratio	Lower	Upper
167	100		
72	102.8	98.9	148.3
165	53.0	40.4	60.6



Manual Integration Report

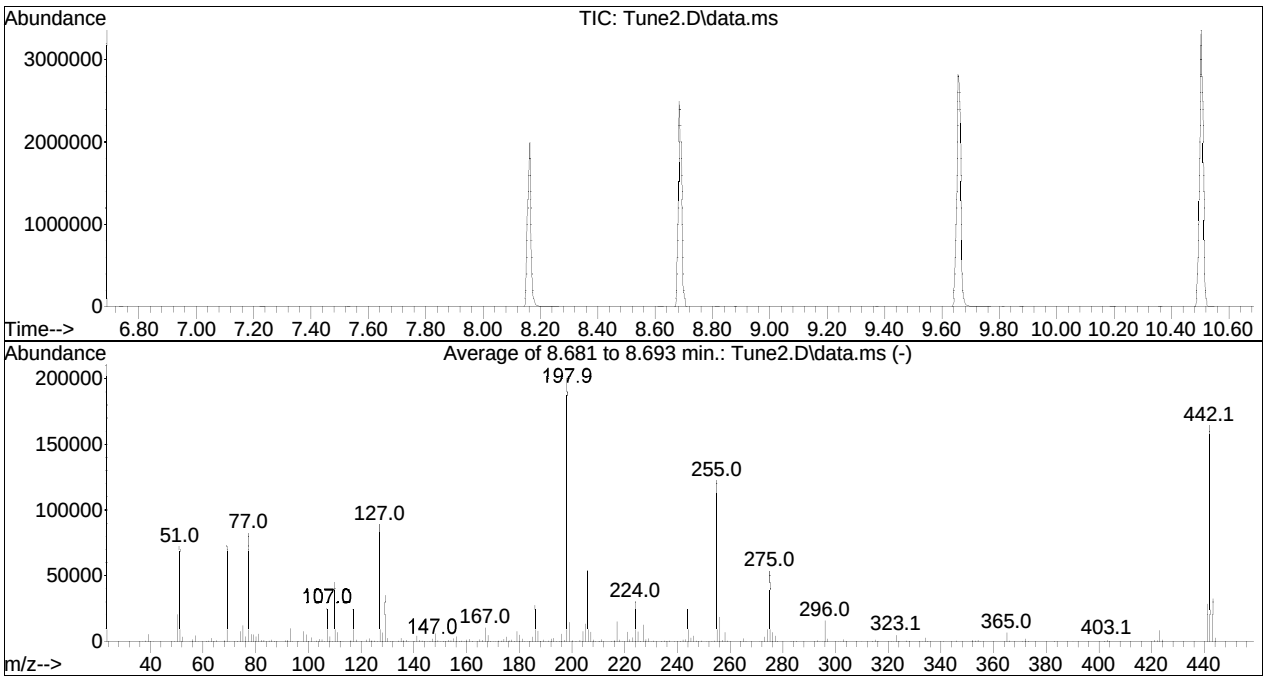
Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: AP9ICV.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 6:35 am	Instrument	: SV112
Sample	: CQICV2,32,,AP9ICV Lot # 12	Quant Date	: 2/9/2026 11:52 am

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

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune2.D
Acq On : 07 Feb 2026 06:55 am
Operator : SV112:cmm
Sample : Tune2 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Feb 09 11:52:08 2026



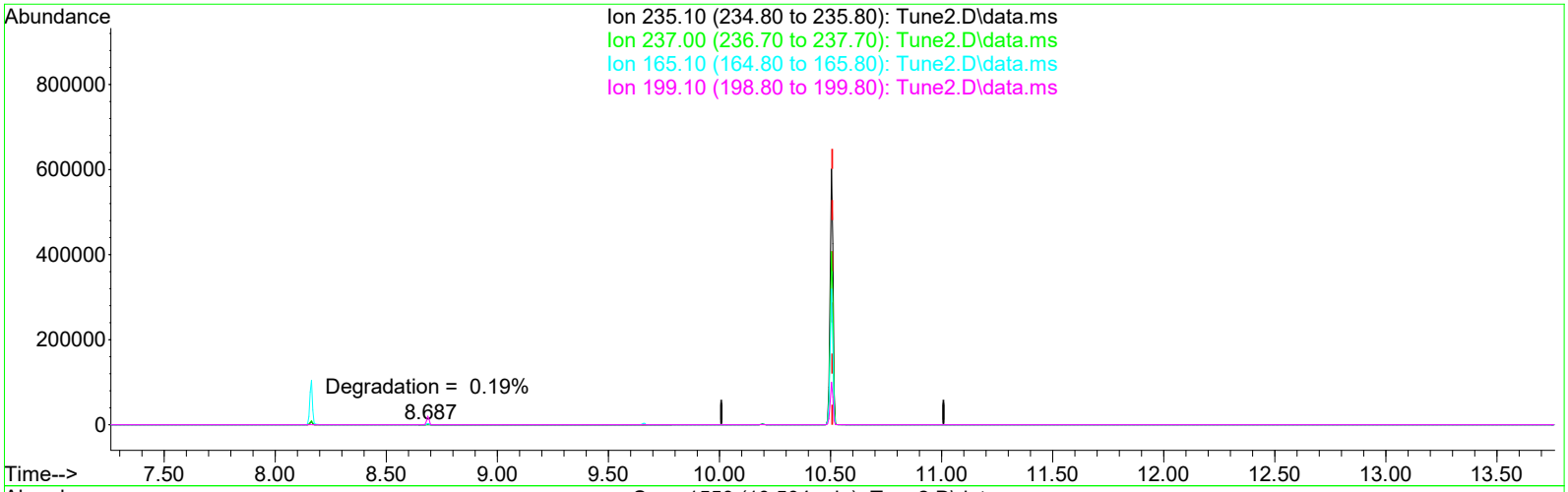
Spectrum Information: Average of 8.681 to 8.693 min.

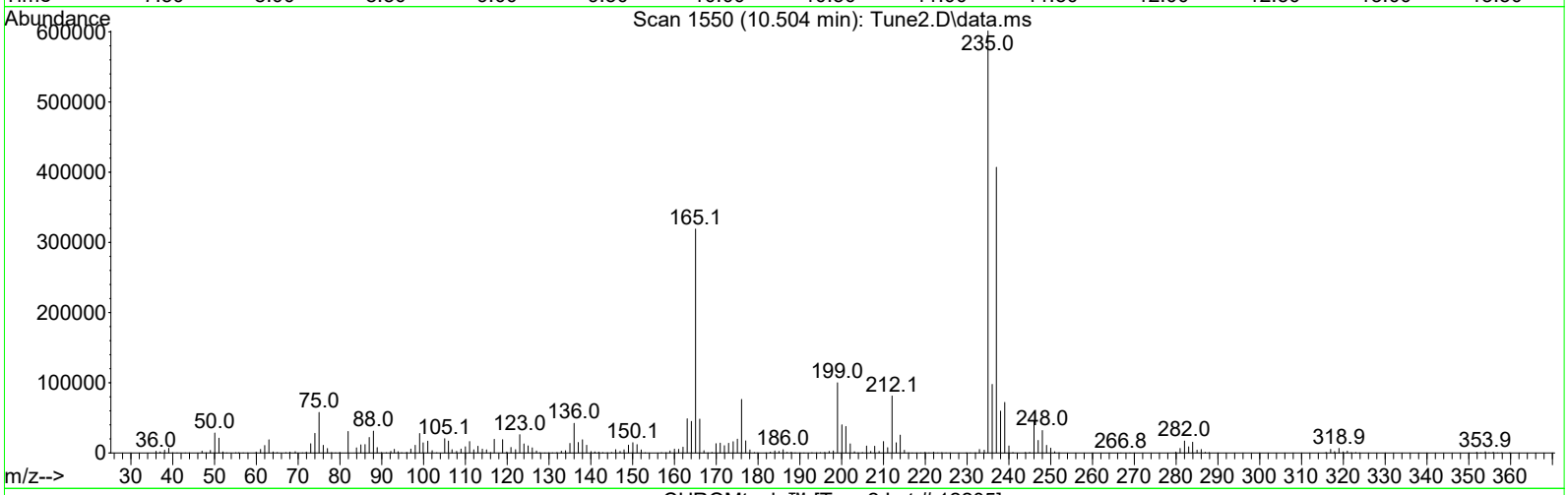
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.9	72208	PASS
68	69	0.00	2	1.6	1163	PASS
69	69	100	100	100.0	73024	PASS
70	69	0.00	2	0.5	369	PASS
127	198	10	80	44.1	88632	PASS
197	198	0.00	2	0.6	1278	PASS
198	198	100	100	100.0	200859	PASS
199	198	5	9	7.0	14100	PASS
275	198	10	60	26.5	53325	PASS
365	198	1	100	3.3	6710	PASS
441	442	0.01	24	17.3	28442	PASS
442	198	50	100	81.7	164171	PASS
443	442	15	24	19.8	32492	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune2.D
Acq On : 07 Feb 2026 06:55 am
Operator : SV112:cmm
Sample : Tune2 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Feb 09 11:54:10 2026
Quant Method : I:\8270\SV112\260206RVTICAL\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot # 12205]

(6) DDT (T)

10.504min (-0.006) 0.00

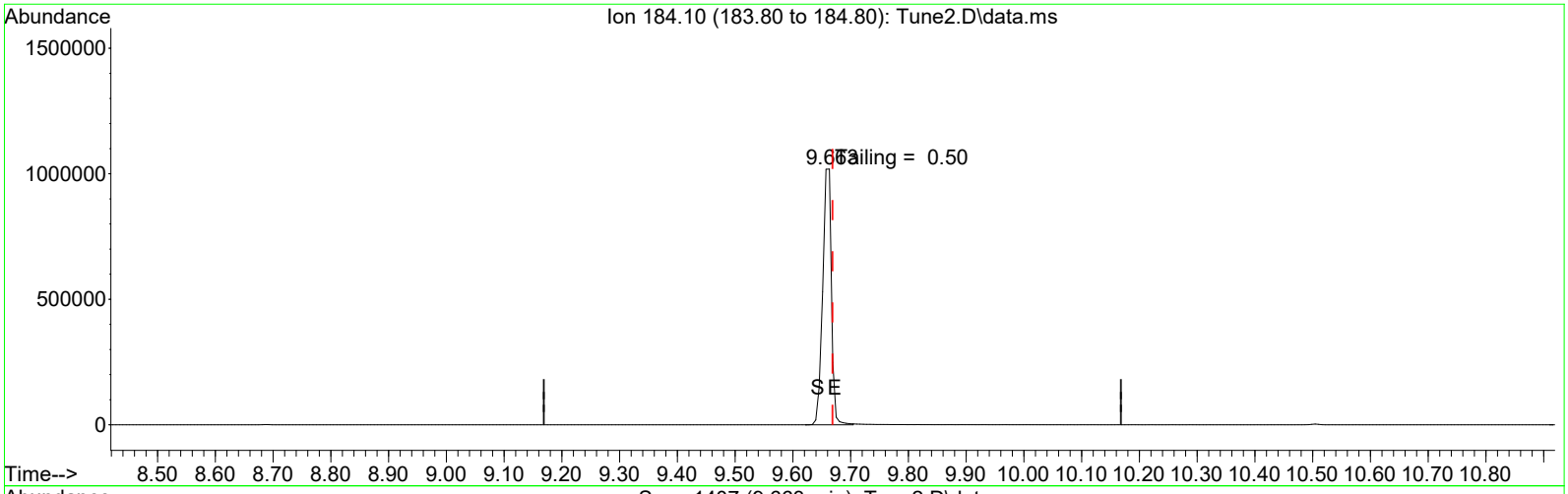
response 547325

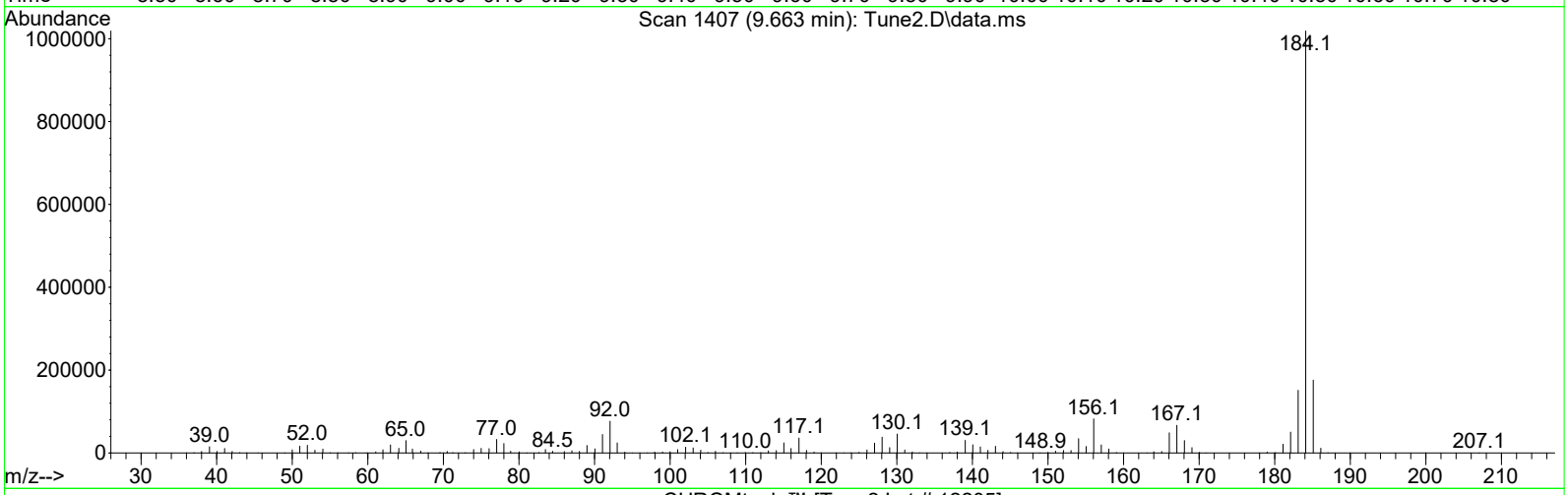
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	71.30	66.80
165.10	47.10	50.67
199.10	16.40	15.97

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune2.D
Acq On : 07 Feb 2026 06:55 am
Operator : SV112:cmm
Sample : Tune2 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Feb 09 11:54:10 2026
Quant Method : I:\8270\SV112\260206RVTICAL\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot # 12205]

(3) Benzidine (T)

9.663min (-0.006) 0.00

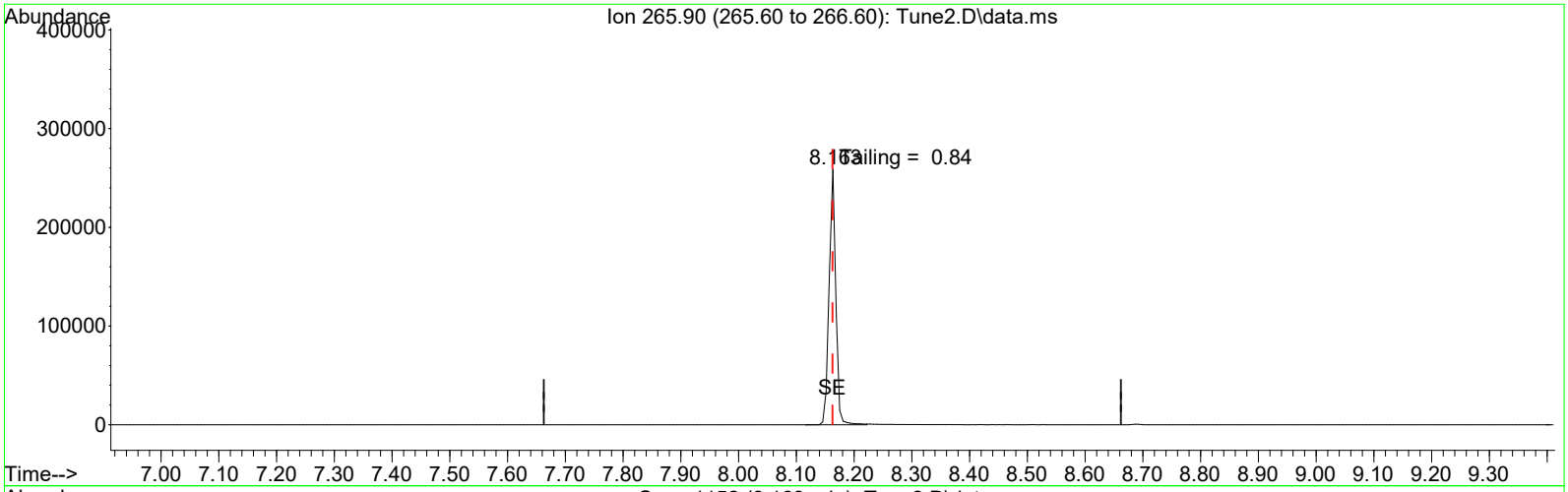
response 1084974

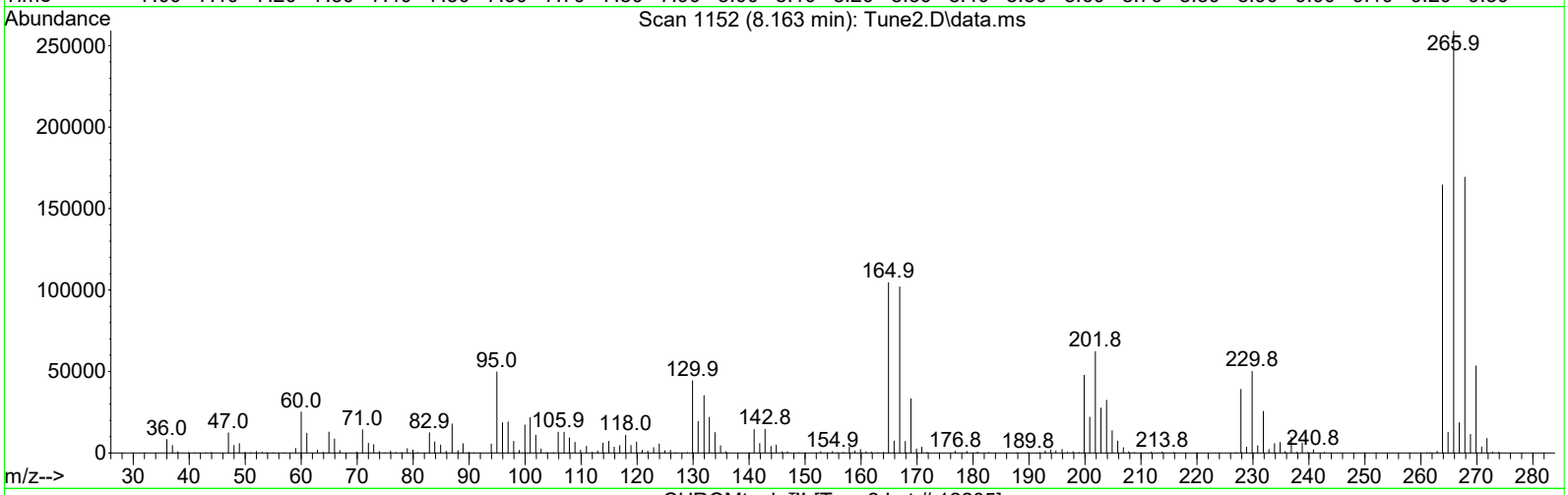
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : Tune2.D
Acq On : 07 Feb 2026 06:55 am
Operator : SV112:cmm
Sample : Tune2 Lot # 12205
Misc : WG2174122,,
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Feb 09 11:54:10 2026
Quant Method : I:\8270\SV112\260206RVTICAL\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot # 12205]

(1) Pentachlorophenol (T)

8.163min (+ 0.000) 0.00

response 208632

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL9.D
Acq On : 07 Feb 2026 07:14 am
Operator : SV112:cmm
Sample : IL2,32,,ADPL50 Lot # 12077
Misc : WG2174122,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 09 11:37:50 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	20110	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery = 93.83%			
86) IS3_Acenaphthene-d10	6.893	164	54390	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery = 103.68%			
100) IS3_Phenanthrene-d10	8.322	188	121405	4.000	ug/ml	# 0.00
Standard Area 2 = 127478			Recovery = 95.24%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.587	88	104553	50.267	ug/ml#	83
34) n-Decane	3.887	57	312587	49.958	ug/ml#	92
87) Atrazine	8.110	200	342062	51.887	ug/ml	98
101) n-Octadecane	8.304	57	591002	50.985	ug/ml	90
102) Parathion	9.116	109	173937	76.481	ug/ml#	91
103) 3,3'-Dimethylbenzidine	10.398	212	1271822	49.439	ug/ml#	93

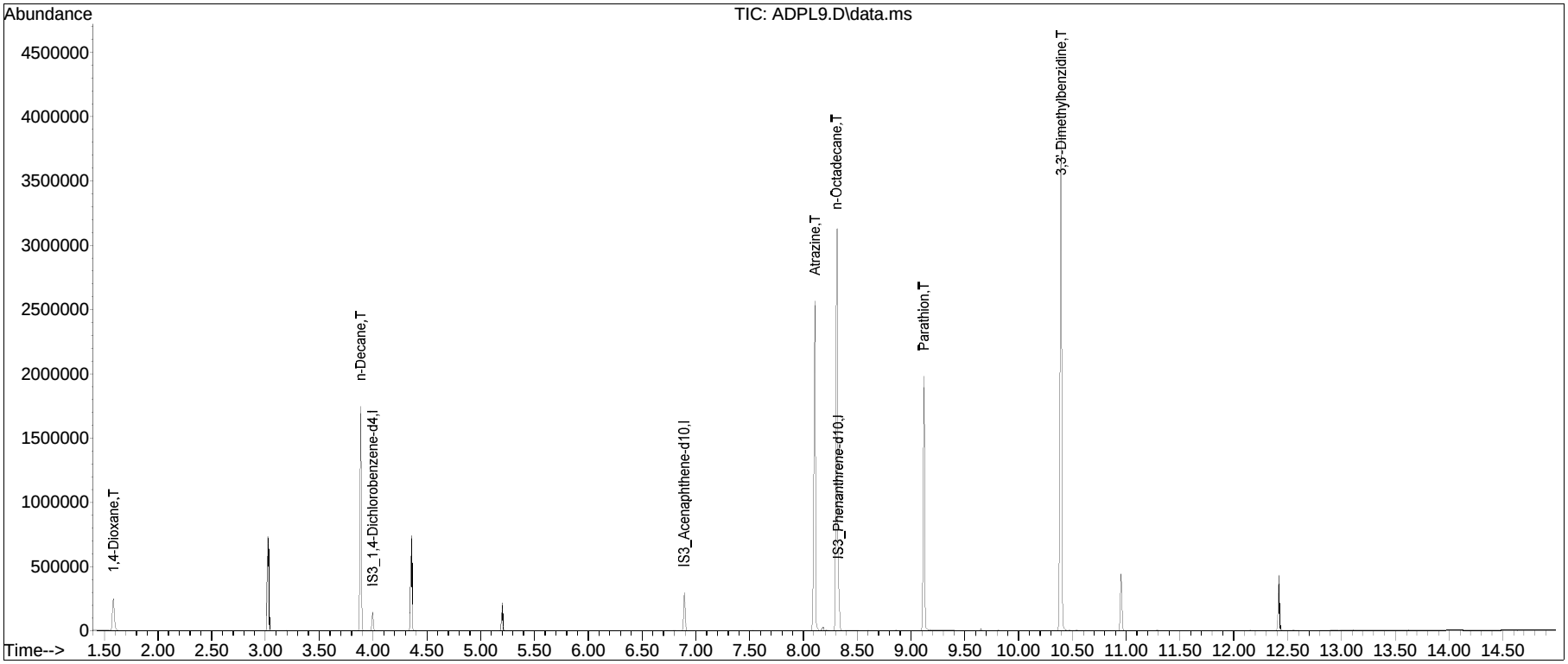
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL9.D
Acq On : 07 Feb 2026 07:14 am
Operator : SV112:cmm
Sample : IL2,32,,ADPL50 Lot # 12077
Misc : WG2174122,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 09 11:37:50 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL9.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 7:14 am	Instrument	: SV112
Sample	: IL2,32,,ADPL50 Lot # 12077	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL8.D
Acq On : 07 Feb 2026 07:33 am
Operator : SV112:cmm
Sample : IL3,32,,ADPL25 Lot # 12078
Misc : WG2174122,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 09 11:37:37 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	29218	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery =	136.32%		
86) IS3_Acenaphthene-d10	6.893	164	76874	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery =	146.53%		
100) IS3_Phenanthrene-d10	8.322	188	171667	4.000	ug/ml #	0.00
Standard Area 2 = 127478			Recovery =	134.66%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.587	88	67065	22.192	ug/ml#	82
34) n-Decane	3.887	57	219936	24.193	ug/ml#	92
87) Atrazine	8.105	200	238623	25.610	ug/ml	97
101) n-Octadecane	8.305	57	426422	26.016	ug/ml	90
102) Parathion	9.116	109	115902	36.042	ug/ml#	91
103) 3,3'-Dimethylbenzidine	10.399	212	945678	25.998	ug/ml	95

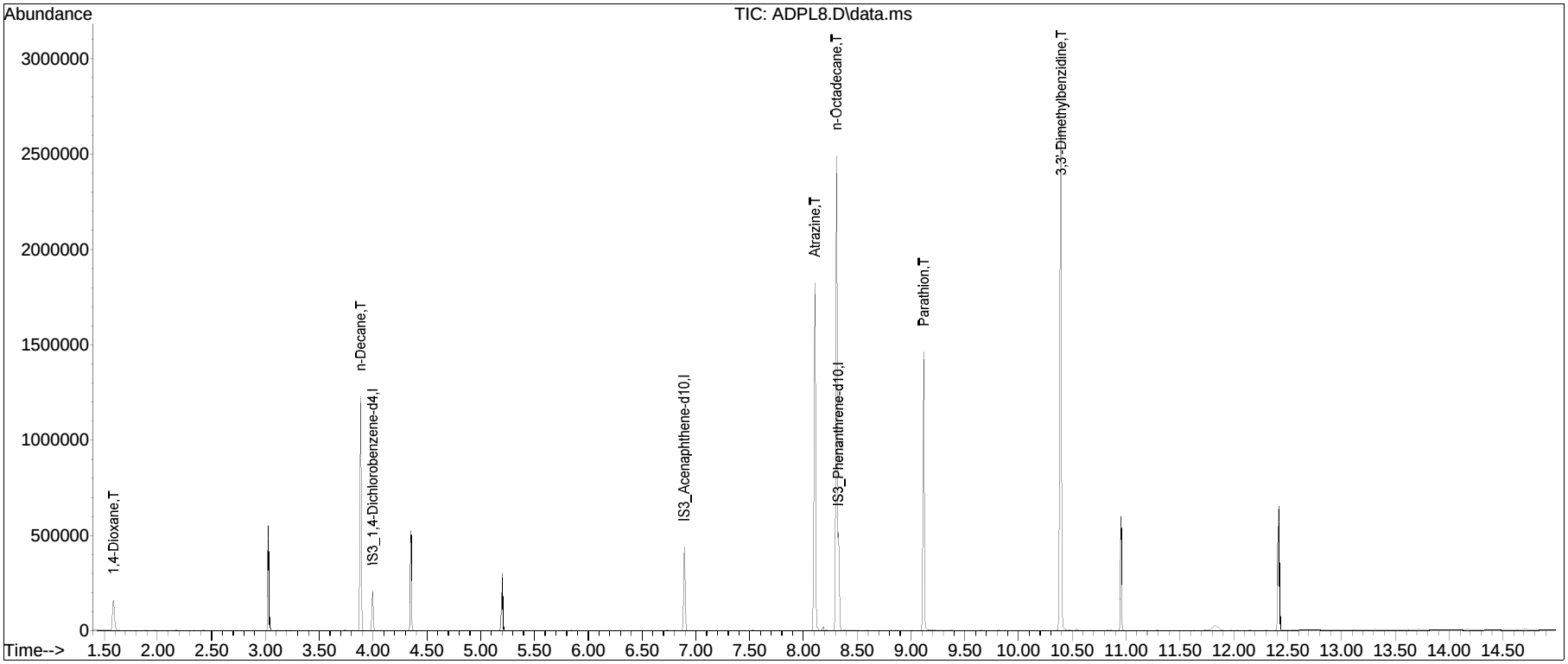
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL8.D
Acq On : 07 Feb 2026 07:33 am
Operator : SV112:cmm
Sample : IL3,32,,ADPL25 Lot # 12078
Misc : WG2174122,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 09 11:37:37 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL8.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 7:33 am	Instrument	: SV112
Sample	: IL3,32,,ADPL25 Lot # 12078	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL7.D
Acq On : 07 Feb 2026 07:52 am
Operator : SV112:cmm
Sample : IL4,32,,ADPL10 Lot # 12079
Misc : WG2174122,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 09 11:37:24 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	22258	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery =	103.85%		
86) IS3_Acenaphthene-d10	6.893	164	56804	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery =	108.28%		
100) IS3_Phenanthrene-d10	8.322	188	135197	4.000	ug/ml #	0.00
Standard Area 2 = 127478			Recovery =	106.06%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.587	88	22217	9.651	ug/ml#	85
34) n-Decane	3.887	57	67384	9.730	ug/ml#	91
87) Atrazine	8.098	200	69602	10.109	ug/ml	99
101) n-Octadecane	8.304	57	130471	10.107	ug/ml	91
102) Parathion	9.110	109	28464	11.239	ug/ml#	89
103) 3,3'-Dimethylbenzidine	10.392	212	300024	10.473	ug/ml	99

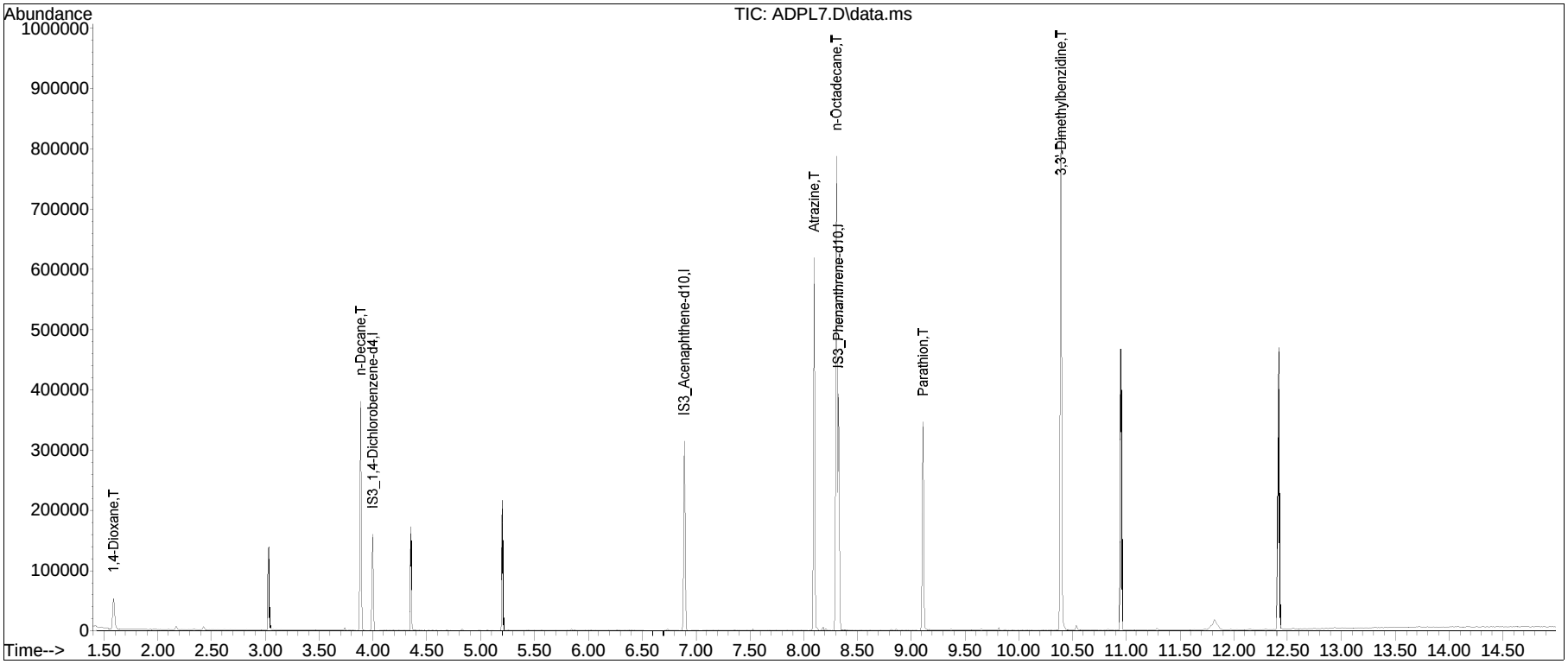
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL7.D
Acq On : 07 Feb 2026 07:52 am
Operator : SV112:cmm
Sample : IL4,32,,ADPL10 Lot # 12079
Misc : WG2174122,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 09 11:37:24 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL7.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 7:52 am	Instrument	: SV112
Sample	: IL4,32,,ADPL10 Lot # 12079	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL6.D
Acq On : 07 Feb 2026 08:12 am
Operator : SV112:cmm
Sample : IL5,32,,ADPL5 Lot # 12080
Misc : WG2174122,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 09 11:36:58 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	21433	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery =	100.00%		
86) IS3_Acenaphthene-d10	6.893	164	52462	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery =	100.00%		
100) IS3_Phenanthrene-d10	8.322	188	127478	4.000	ug/ml	# 0.00
Standard Area 2 = 127478			Recovery =	100.00%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.587	88	11087	5.001	ug/ml#	83
34) n-Decane	3.887	57	33343	5.000	ug/ml	93
87) Atrazine	8.099	200	31794	5.000	ug/ml	99
101) n-Octadecane	8.304	57	60858	5.000	ug/ml	91
102) Parathion	9.110	109	11940	5.000	ug/ml#	88
103) 3,3'-Dimethylbenzidine	10.387	212	135059	5.000	ug/ml	99

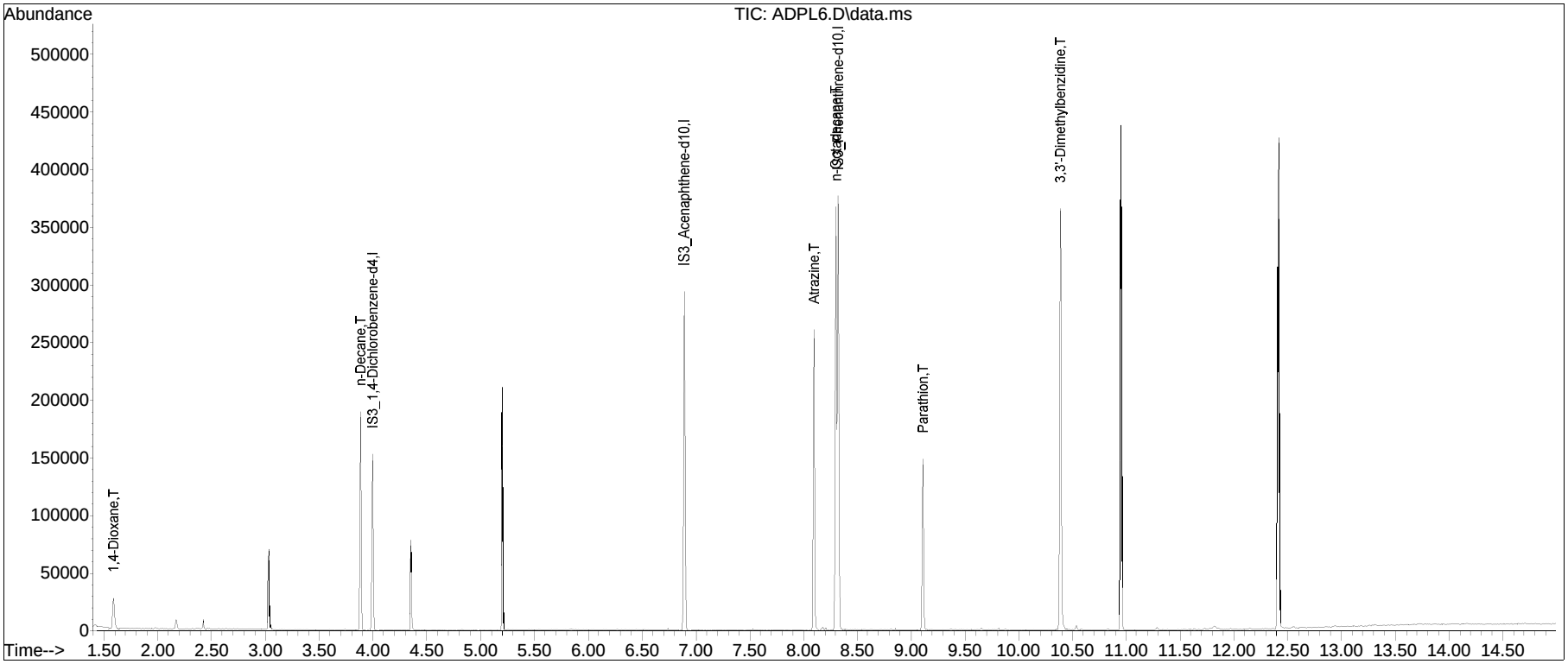
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL6.D
Acq On : 07 Feb 2026 08:12 am
Operator : SV112:cmm
Sample : IL5,32,,ADPL5 Lot # 12080
Misc : WG2174122,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 09 11:36:58 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL6.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 8:12 am	Instrument	: SV112
Sample	: IL5,32,,ADPL5 Lot # 12080	Quant Date	: 2/9/2026 11:17 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL5.D
Acq On : 07 Feb 2026 08:31 am
Operator : SV112:cmm
Sample : IL6,32,,ADPL2.5 Lot # 12081
Misc : WG2174122,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 09 11:36:46 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	23208	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery =	108.28%		
86) IS3_Acenaphthene-d10	6.893	164	55905	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery =	106.56%		
100) IS3_Phenanthrene-d10	8.322	188	137056	4.000	ug/ml	# 0.00
Standard Area 2 = 127478			Recovery =	107.51%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.593	88	5832	2.430	ug/ml	89
34) n-Decane	3.887	57	17304	2.396	ug/ml#	92
87) Atrazine	8.099	200	15323	2.261	ug/ml	97
101) n-Octadecane	8.304	57	30922	2.363	ug/ml	93
102) Parathion	9.110	109	5707	2.223	ug/ml#	88
103) 3,3'-Dimethylbenzidine	10.387	212	64255	2.213	ug/ml	99

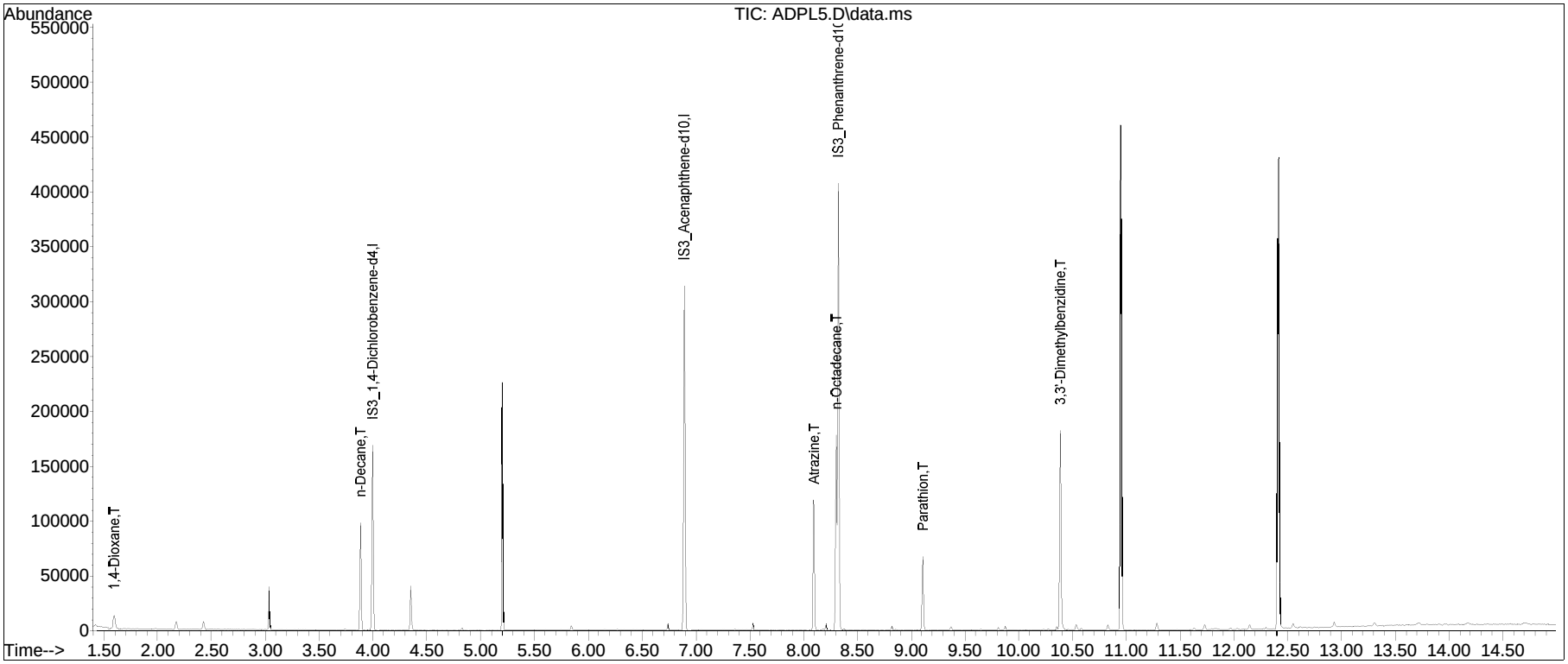
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL5.D
Acq On : 07 Feb 2026 08:31 am
Operator : SV112:cmm
Sample : IL6,32,,ADPL2.5 Lot # 12081
Misc : WG2174122,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 09 11:36:46 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL5.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 8:31 am	Instrument	: SV112
Sample	: IL6,32,,ADPL2.5 Lot # 1208	Quant Date	: 2/9/2026 11:16 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL4.D
Acq On : 07 Feb 2026 08:50 am
Operator : SV112:cmm
Sample : IL7,32,,ADPL1 Lot # 12082
Misc : WG2174122,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 09 11:36:34 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	21550	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery =	100.55%		
86) IS3_Acenaphthene-d10	6.893	164	52422	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery =	99.92%		
100) IS3_Phenanthrene-d10	8.322	188	125603	4.000	ug/ml #	0.00
Standard Area 2 = 127478			Recovery =	98.53%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.593	88	2356	1.057	ug/ml#	86
34) n-Decane	3.887	57	6495	0.969	ug/ml#	92
87) Atrazine	8.093	200	5837	0.919	ug/ml	98
101) n-Octadecane	8.304	57	11871	0.990	ug/ml	92
102) Parathion	9.110	109	2119	0.901	ug/ml#	85
103) 3,3'-Dimethylbenzidine	10.387	212	22970	0.863	ug/ml	99

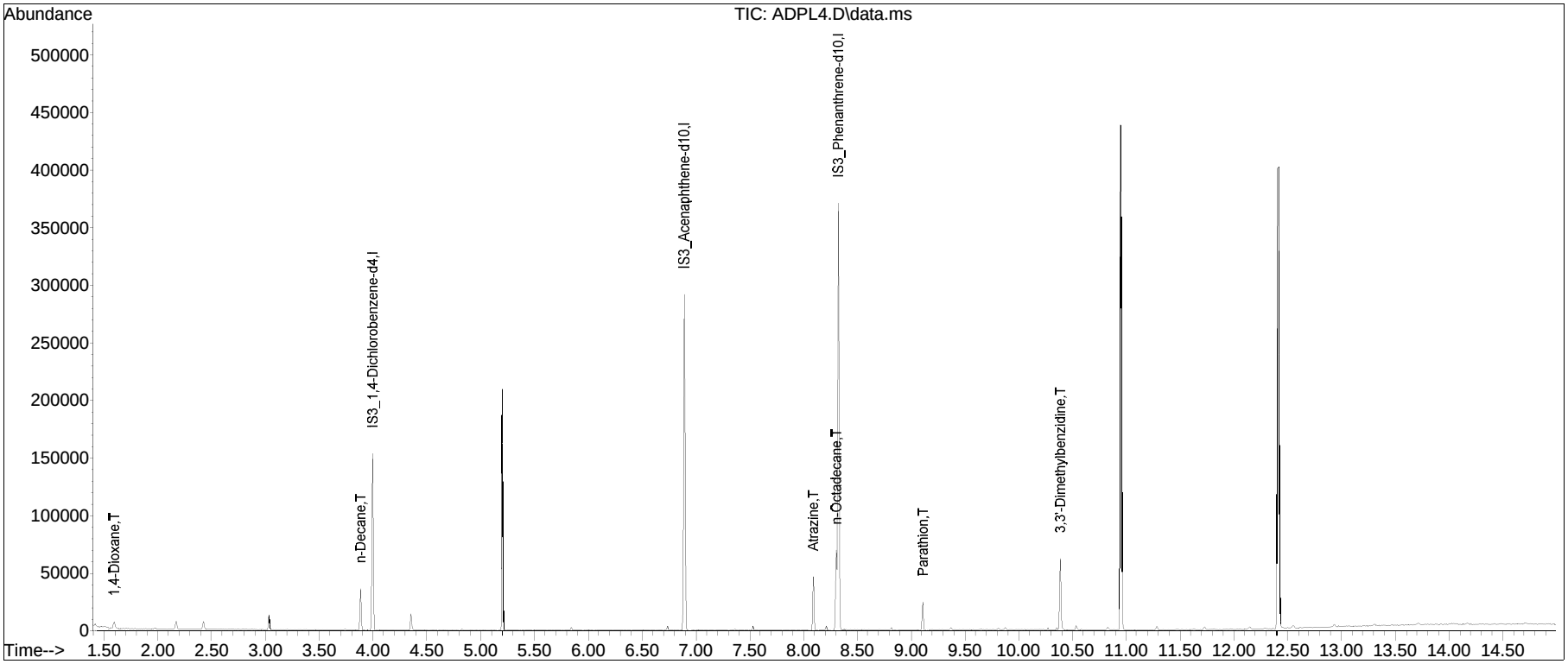
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL4.D
Acq On : 07 Feb 2026 08:50 am
Operator : SV112:cmm
Sample : IL7,32,,ADPL1 Lot # 12082
Misc : WG2174122,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 09 11:36:34 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL4.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 8:50 am	Instrument	: SV112
Sample	: IL7,32,,ADPL1 Lot # 12082	Quant Date	: 2/9/2026 11:16 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL3.D
Acq On : 07 Feb 2026 09:09 am
Operator : SV112:cmm
Sample : IL8,32,,ADPL0.5 Lot # 12083
Misc : WG2174122,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 09 11:36:24 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	19858	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery = 92.65%			
86) IS3_Acenaphthene-d10	6.893	164	45454	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery = 86.64%			
100) IS3_Phenanthrene-d10	8.322	188	111270	4.000	ug/ml #	0.00
Standard Area 2 = 127478			Recovery = 87.29%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.593	88	1294	0.630	ug/ml#	91
34) n-Decane	3.887	57	3097	0.501	ug/ml#	86
87) Atrazine	8.093	200	2631	0.478	ug/ml	99
101) n-Octadecane	8.305	57	5441	0.512	ug/ml	90
102) Parathion	9.110	109	901	0.432	ug/ml#	74
103) 3,3'-Dimethylbenzidine	10.387	212	9560	0.405	ug/ml	98

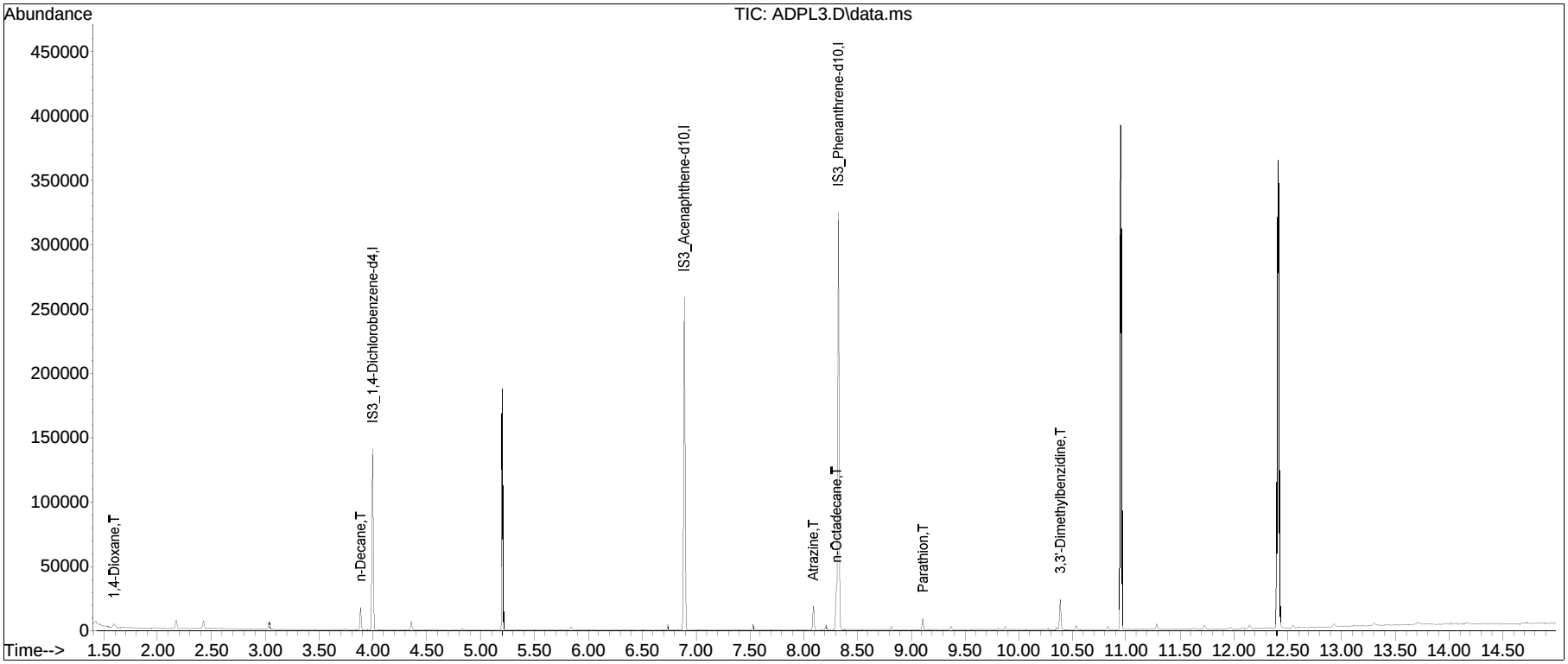
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL3.D
Acq On : 07 Feb 2026 09:09 am
Operator : SV112:cmm
Sample : IL8,32,,ADPL0.5 Lot # 12083
Misc : WG2174122,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 09 11:36:24 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL3.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 9:09 am	Instrument	: SV112
Sample	: IL8,32,,ADPL0.5 Lot # 1208	Quant Date	: 2/9/2026 11:16 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL2.D
Acq On : 07 Feb 2026 09:29 am
Operator : SV112:cmm
Sample : IL9,32,,ADPL0.2 Lot # 12084
Misc : WG2174122,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 09 11:36:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	21926	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery =	102.30%		
86) IS3_Acenaphthene-d10	6.893	164	53283	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery =	101.56%		
100) IS3_Phenanthrene-d10	8.322	188	126490	4.000	ug/ml	# 0.00
Standard Area 2 = 127478			Recovery =	99.22%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	0.000		0	N.D.		
34) n-Decane	3.887	57	1358	0.199	ug/ml#	85
87) Atrazine	8.099	200	1180	0.183	ug/ml#	75
101) n-Octadecane	8.304	57	2568	0.213	ug/ml	90
102) Parathion	0.000		0	N.D.		
103) 3,3'-Dimethylbenzidine	10.387	212	3766	0.141	ug/ml	97

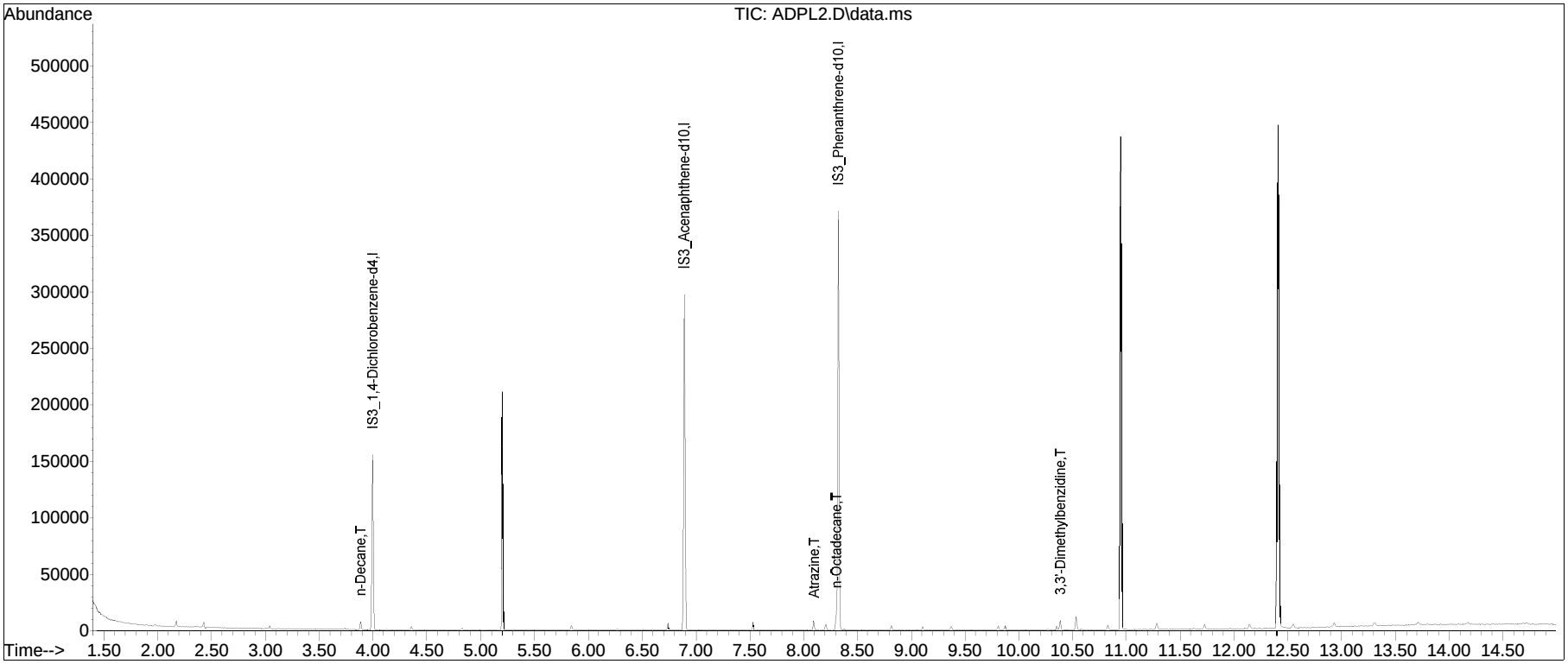
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL2.D
Acq On : 07 Feb 2026 09:29 am
Operator : SV112:cmm
Sample : IL9,32,,ADPL0.2 Lot # 12084
Misc : WG2174122,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 09 11:36:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL2.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 9:29 am	Instrument	: SV112
Sample	: IL9,32,,ADPL0.2 Lot # 1208	Quant Date	: 2/9/2026 11:16 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL1.D
Acq On : 07 Feb 2026 09:48 am
Operator : SV112:cmm
Sample : IL10,32,,ADPL0.1 Lot # 12085
Misc : WG2174122,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 09 11:35:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	20623	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery = 96.22%			
86) IS3_Acenaphthene-d10	6.893	164	48846	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery = 93.11%			
100) IS3_Phenanthrene-d10	8.322	188	117236	4.000	ug/ml	# 0.00
Standard Area 2 = 127478			Recovery = 91.97%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	0.000		0	N.D.		
34) n-Decane	3.887	57	638	0.099	ug/ml#	57
87) Atrazine	8.093	200	511	0.086	ug/ml#	37
101) n-Octadecane	8.305	57	1096	0.098	ug/ml#	84
102) Parathion	0.000		0	N.D.		
103) 3,3'-Dimethylbenzidine	10.387	212	1544	0.062	ug/ml#	61

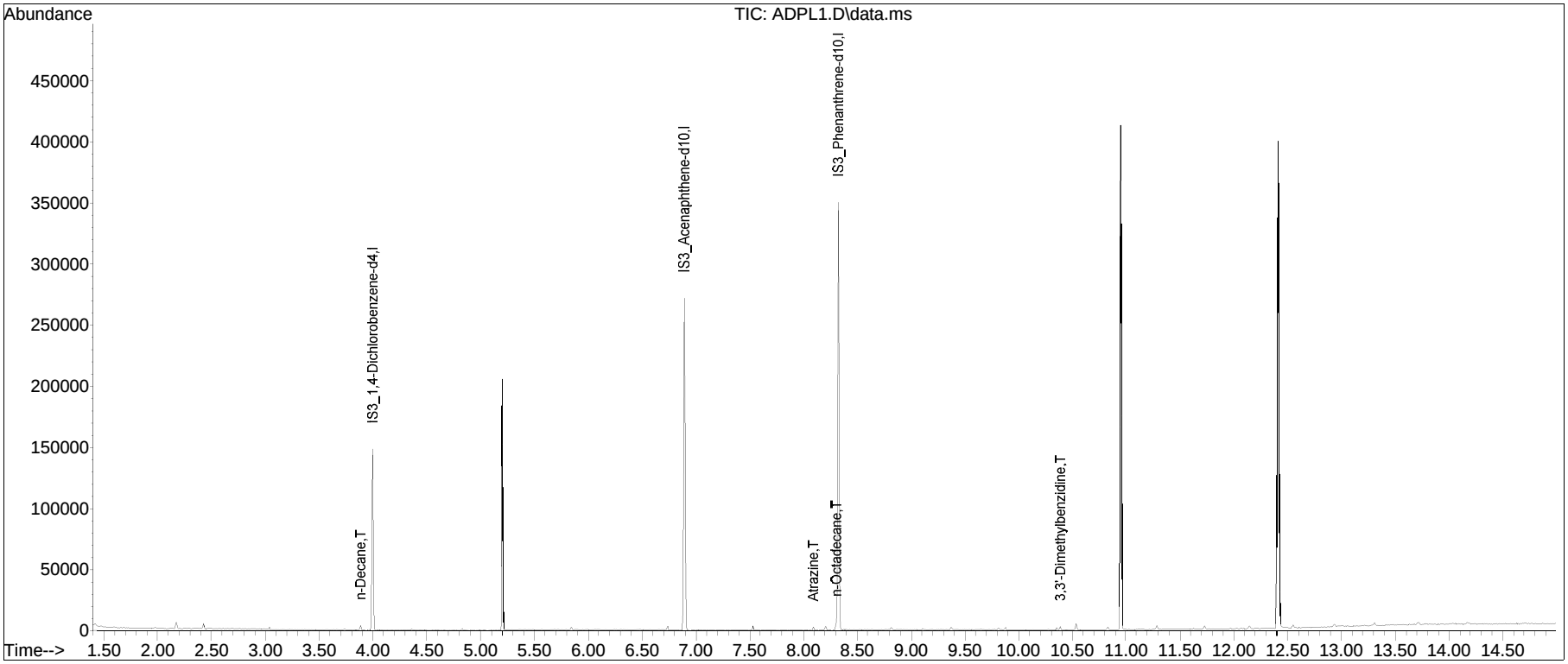
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPL1.D
Acq On : 07 Feb 2026 09:48 am
Operator : SV112:cmm
Sample : IL10,32,,ADPL0.1 Lot # 12085
Misc : WG2174122,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 09 11:35:14 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:15:09 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPL1.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 9:48 am	Instrument	: SV112
Sample	: IL10,32,,ADPL0.1 Lot # 120	Quant Date	: 2/9/2026 11:16 am

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

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPICV.D
Acq On : 07 Feb 2026 10:07 am
Operator : SV112:cmm
Sample : CQICV,32,,ADPICV Lot # 12089
Misc : WG2174122,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 09 11:51:47 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:52:08 2026
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)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	115	0.00
33	T	1,4-Dioxane		0.422	0.334	20.9#	93	0.00
34	T	n-Decane		1.225	1.066	13.0	99	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	116	0.00
87	T	Atrazine		0.465	0.427	8.2	102	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	117	0.00
101	T	n-Octadecane		0.385	0.341	11.4	104	0.00
102	T	Parathion	*	5.000	4.018	19.6	102	0.00
103	T	3,3'-Dimethylbenzidine		0.750	0.730	2.7	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPICV.D
Acq On : 07 Feb 2026 10:07 am
Operator : SV112:cmm
Sample : CQICV,32,,ADPICV Lot # 12089
Misc : WG2174122,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 09 11:51:47 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:52:08 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260206RVTICAL\ABNL6.D
: 2 - I:\8270\SV112\260206RVTICAL\ADPL6.D
: 3 - I:\8270\SV112\260206RVTICAL\AP9L6.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.999	152	24712	4.000	ug/ml	0.00
Standard Area 2 = 21433			Recovery =	115.30%		
86) IS3_Acenaphthene-d10	6.893	164	60674	4.000	ug/ml	0.00
Standard Area 2 = 52462			Recovery =	115.65%		
100) IS3_Phenanthrene-d10	8.322	188	148991	4.000	ug/ml	# 0.00
Standard Area 2 = 127478			Recovery =	116.88%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.587	88	10312	3.951	ug/ml#	85
34) n-Decane	3.887	57	32919	4.349	ug/ml#	90
87) Atrazine	8.099	200	32414	4.598	ug/ml	100
101) n-Octadecane	8.304	57	63457	4.425	ug/ml	92
102) Parathion	9.110	109	12130	4.018	ug/ml#	88
103) 3,3'-Dimethylbenzidine	10.387	212	136023	4.872	ug/ml	99

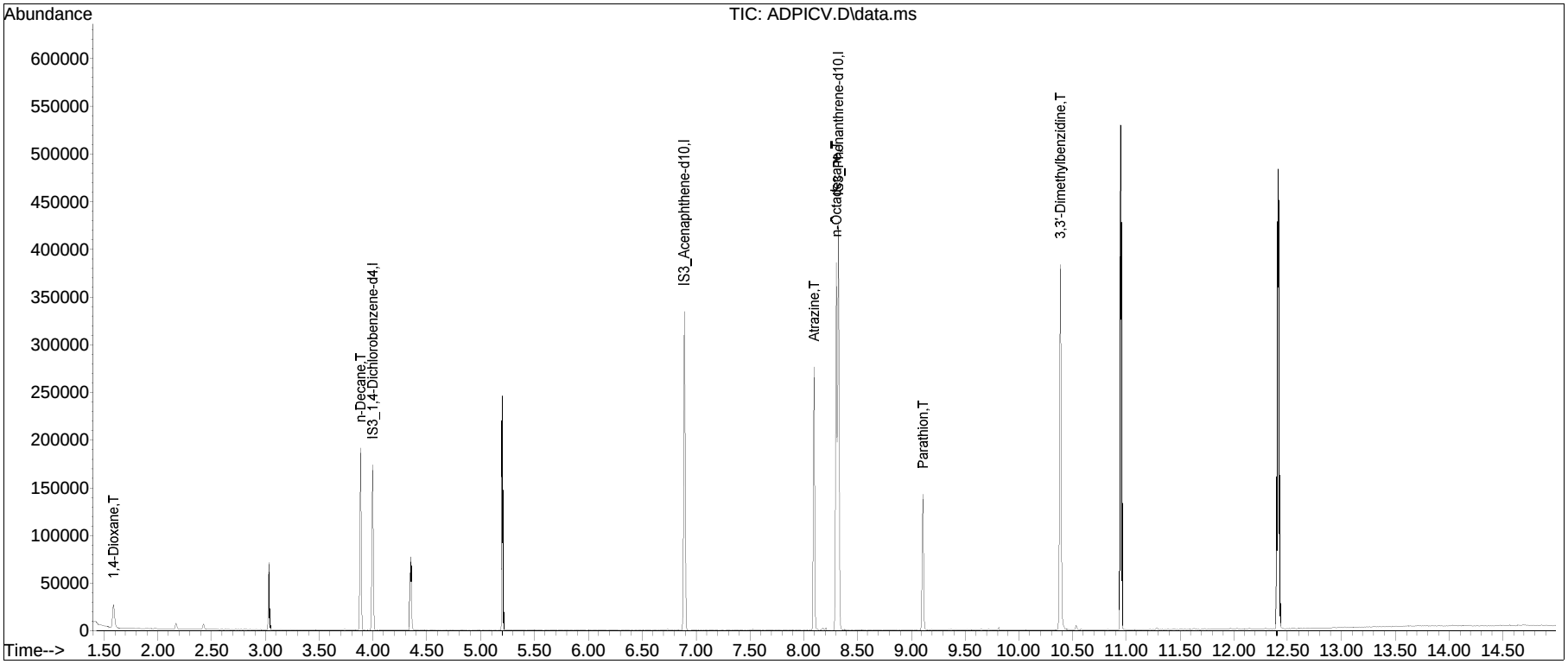
(#) = qualifier out of range (m) = manual integration (+) = signals summed

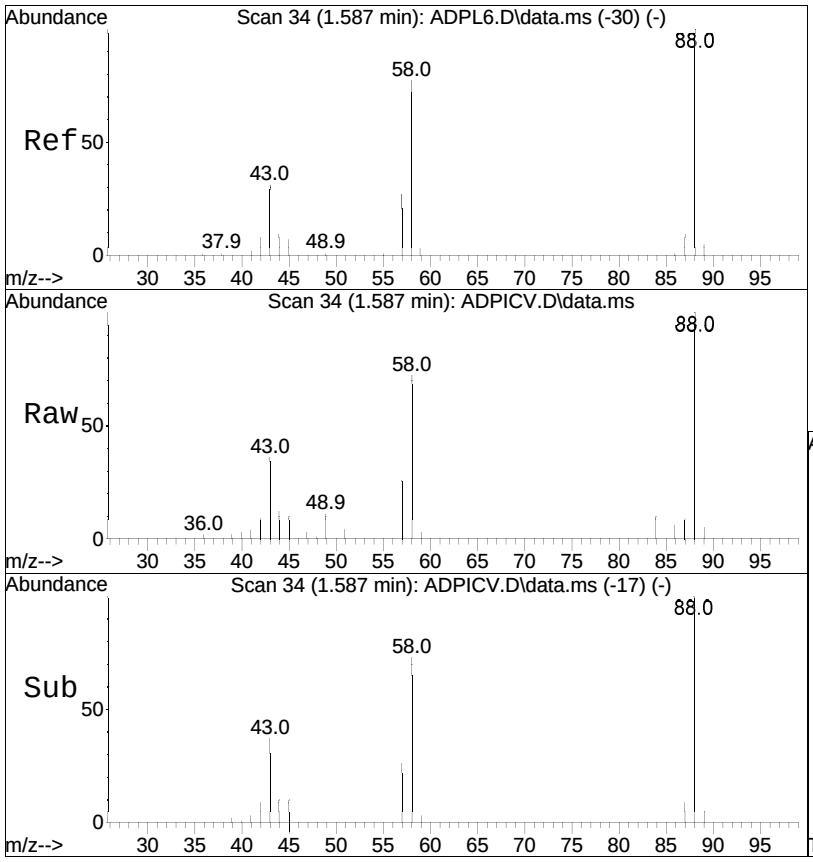
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260206RVTICAL\
Data File : ADPICV.D
Acq On : 07 Feb 2026 10:07 am
Operator : SV112:cmm
Sample : CQICV,32,,ADPICV Lot # 12089
Misc : WG2174122,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 09 11:51:47 2026
Quant Method : I:\8270\SV112\260206RVTICAL\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Feb 09 11:52:08 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistTICAL\AP9L6.D•

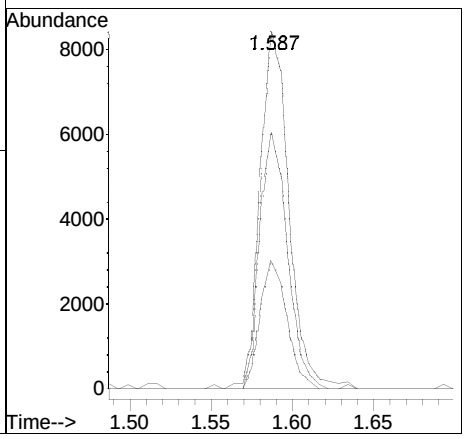


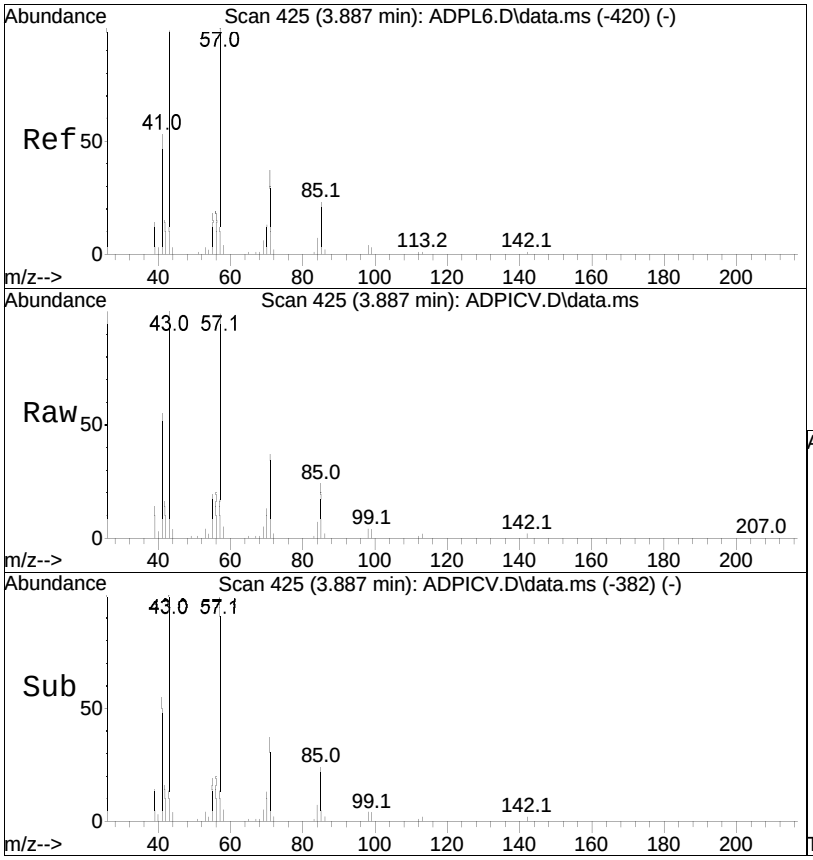


#33
1,4-Dioxane
Concen: 3.95 ug/ml
RT: 1.587 min Scan# 34
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 07 Feb 2026 10:07 am

Tgt Ion: 88 Resp: 10312

Ion	Ratio	Lower	Upper
88	100		
58	68.8	44.8	67.2#
43	33.7	22.4	33.6#

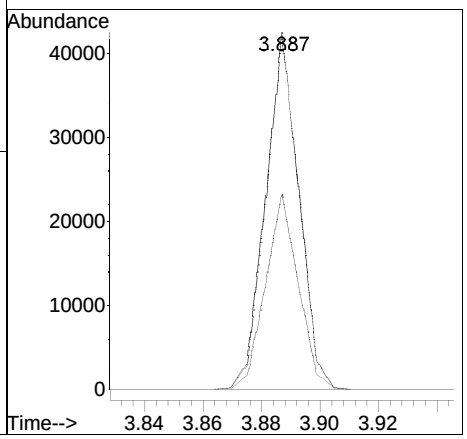


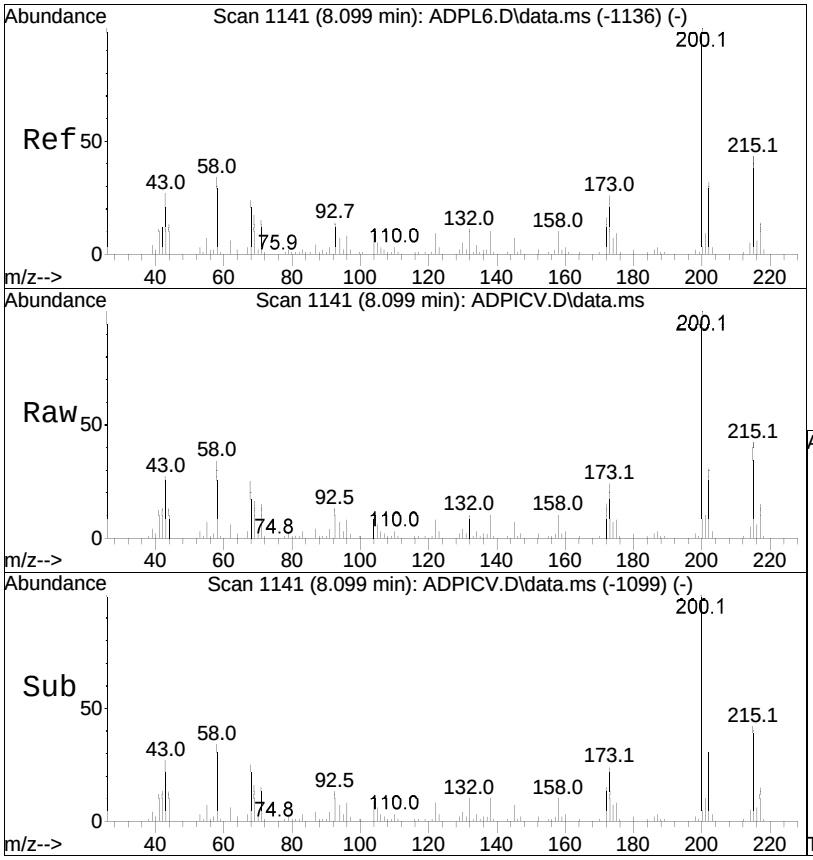


#34
n-Decane
Concen: 4.35 ug/ml
RT: 3.887 min Scan# 425
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 07 Feb 2026 10:07 am

Tgt Ion: 57 Resp: 32919

Ion	Ratio	Lower	Upper
57	100		
43	100.7	75.4	113.2
41	54.7	35.0	52.6#

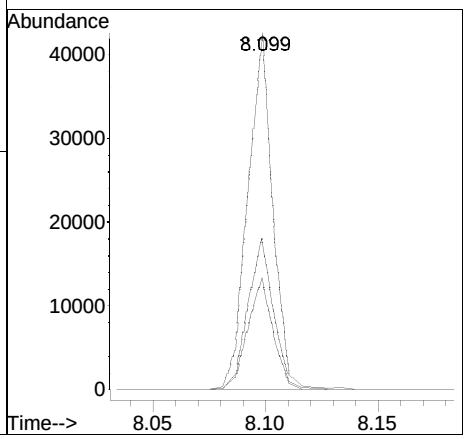


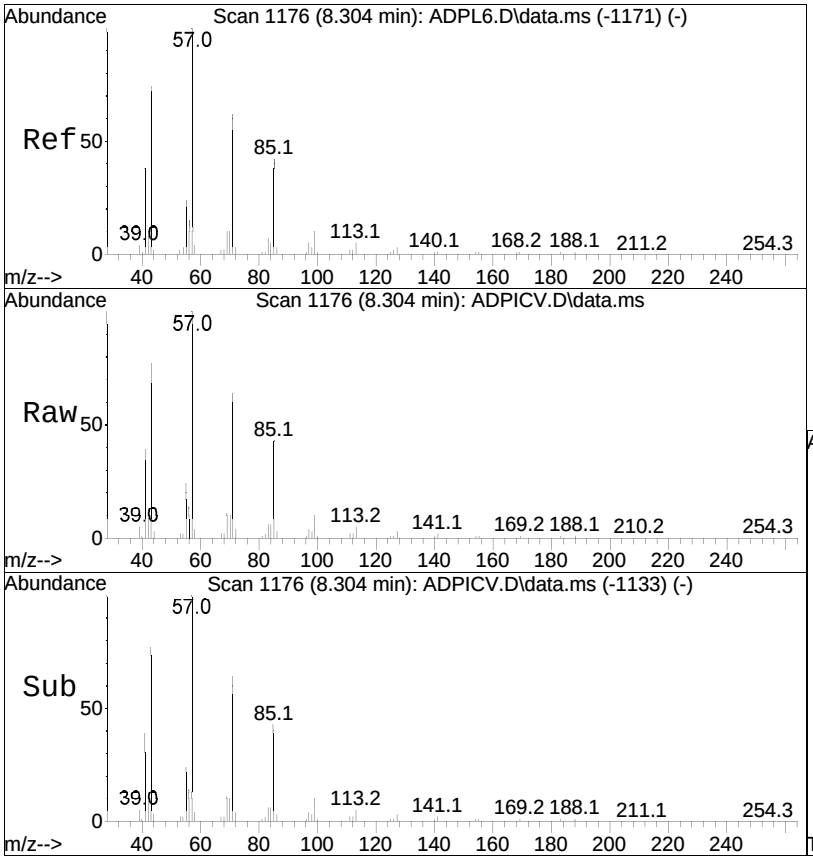


#87
Atrazine
Concen: 4.60 ug/ml
RT: 8.099 min Scan# 1141
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 07 Feb 2026 10:07 am

Tgt Ion:200 Resp: 32414

Ion	Ratio	Lower	Upper
200	100		
202	31.6	25.0	37.6
215	43.1	34.5	51.7

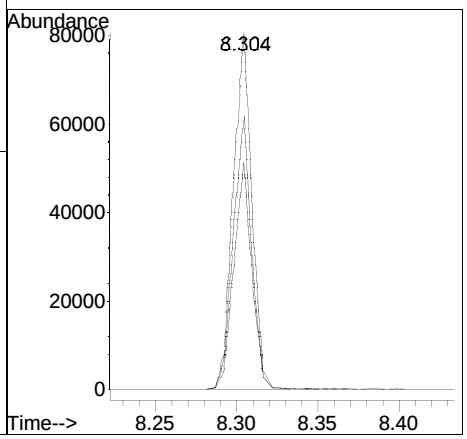


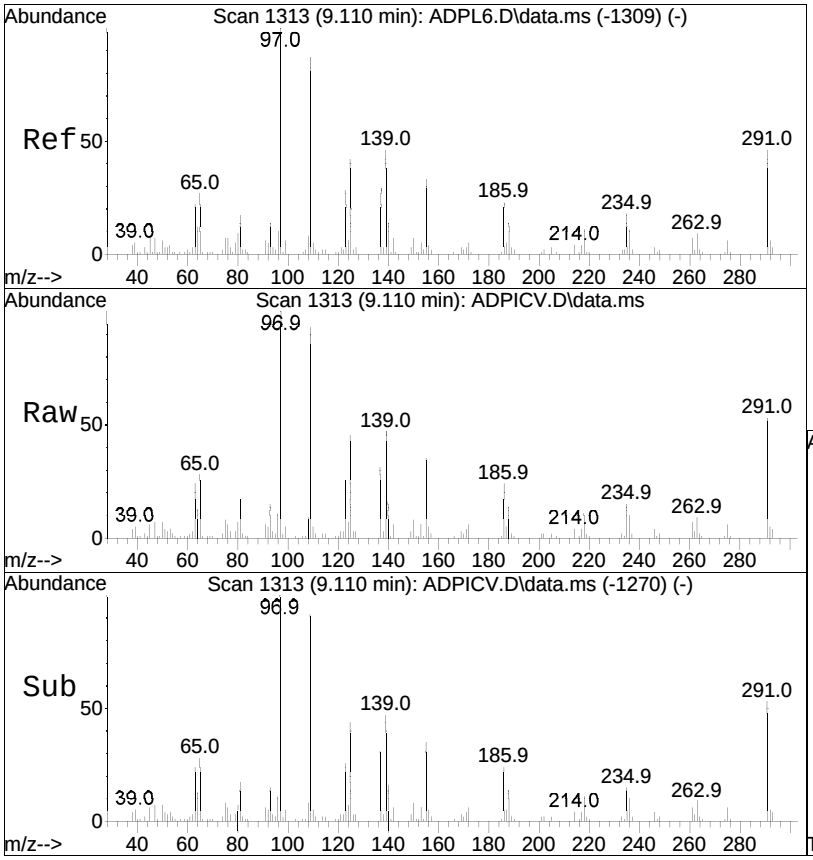


#101
n-Octadecane
Concen: 4.43 ug/ml
RT: 8.304 min Scan# 1176
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 07 Feb 2026 10:07 am

Tgt Ion: 57 Resp: 63457

Ion	Ratio	Lower	Upper
57	100		
43	75.6	54.3	81.5
71	61.6	45.1	67.7

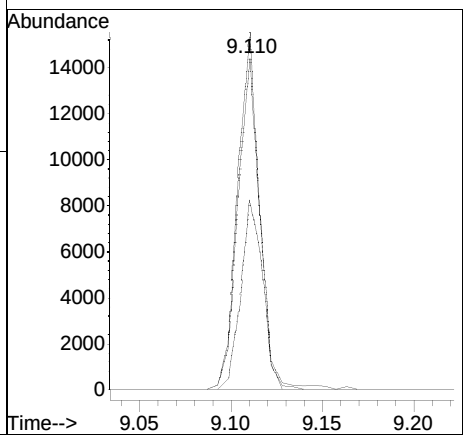


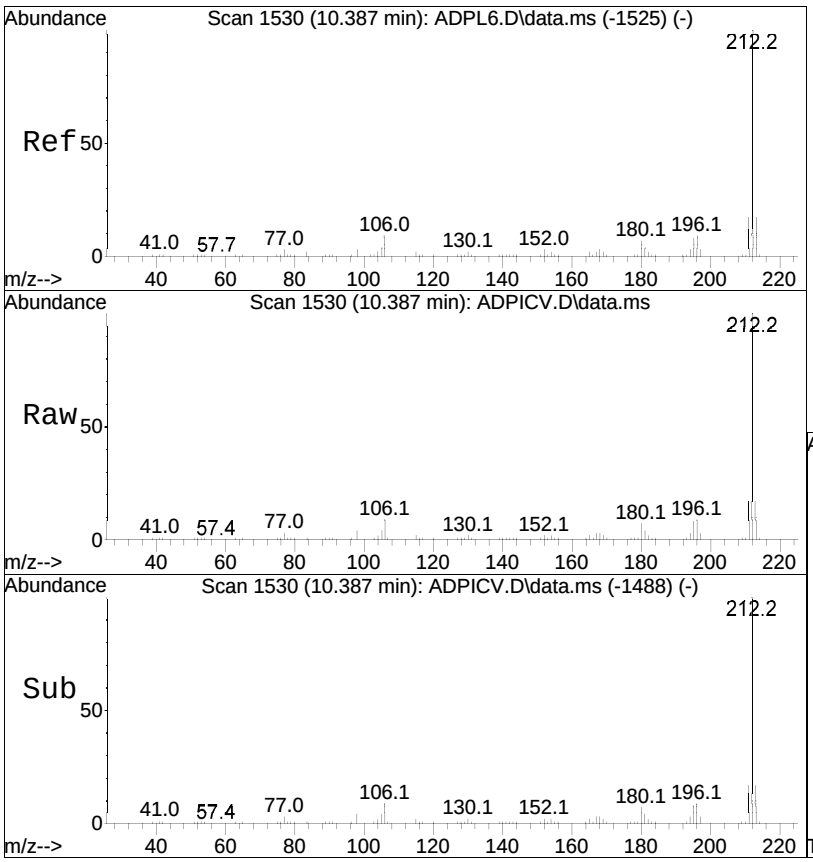


#102
Parathion
Concen: 4.02 ug/ml
RT: 9.110 min Scan# 1313
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 07 Feb 2026 10:07 am

Tgt Ion:109 Resp: 12130

Ion	Ratio	Lower	Upper
109	100		
97	104.5	85.4	128.2
291	55.9	25.4	38.2#

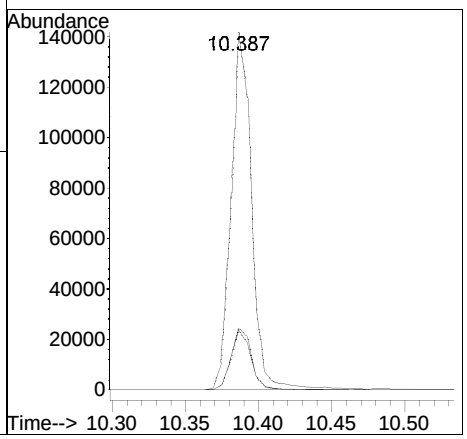




#103
3,3'-Dimethylbenzidine
Concen: 4.87 ug/ml
RT: 10.387 min Scan# 1530
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 07 Feb 2026 10:07 am

Tgt Ion:212 Resp: 136023

Ion	Ratio	Lower	Upper
212	100		
211	17.3	13.3	19.9
213	16.6	13.4	20.2



Manual Integration Report

Data Path	: I:\8270\SV112\260206RVTICAQ	Method	: FS260206SV112RVT.m
Data File	: ADPICV.D	Operator	: SV112:cmm
Date Inj'd	: 2/7/2026 10:07 am	Instrument	: SV112
Sample	: CQICV,32,,ADPICV Lot # 120	Quant Date	: 2/9/2026 11:52 am

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

Evaluate Relative Error Report SV112

Method Path : I:\8270\SV112\260206RVTICAL\
Method File : FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Feb 09 11:52:08 2026

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
102	T Parathion	Q	ug/ml	5.0	4.544	-9.1	1.00	1.186	18.6

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
102	T Parathion	Quadratic	0.997274	0.002288	0.0882059	-0.00949069

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/02/26 11:25	
Lab File ID	: ABN0402		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193052-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	106	0
n-Nitrosodimethylamine	0.687	0.803	-	-16.9	20	114	0
Pyridine	1.096	1.304	-	-19	20	124	0
2-Fluorophenol	0.997	1.115	-	-11.8	20	120	0
Aniline	1.859	2.007	-	-8	20	109	0
2-Chlorophenol	1.181	1.265	-	-7.1	20	111	0
Phenol-d6	1.329	1.383	-	-4.1	20	106	0
Phenol	1.529	1.73	-	-13.1	20	112	0
Bis(2-chloroethyl)ether	1.126	1.151	-	-2.2	20	104	0
1,3-Dichlorobenzene	1.422	1.471	-	-3.4	20	109	0
1,4-Dichlorobenzene	1.454	1.498	-	-3	20	108	0
1,2-Dichlorobenzene	1.389	1.464	-	-5.4	20	112	0
Benzyl alcohol	0.981	1.078	-	-9.9	20	109	0
Bis(2-chloroisopropyl)ethe	1.675	1.796	-	-7.2	20	110	0
2-Methylphenol	1.037	1.186	-	-14.4	20	114	0
Hexachloroethane	0.522	0.519	-	0.6	20	104	0
n-Nitrosodi-n-propylamine	0.894	0.964	-	-7.8	20	106	0
3-Methylphenol/4-Methylphe	1.112	1.254	-	-12.8	20	112	0
Nitrobenzene-d5	1.142	1.393	-	-22*	20	124	0
Nitrobenzene	1.172	1.364	-	-16.4	20	113	0
Isophorone	2.548	2.471	-	3	20	97	0
2-Nitrophenol	0.511	0.736	-	-44*	20	147	0
2,4-Dimethylphenol	1.225	1.376	-	-12.3	20	115	0
Bis(2-chloroethoxy)methane	1.578	1.607	-	-1.8	20	103	0
2,4-Dichlorophenol	1.159	1.278	-	-10.3	20	110	0
1,2,4-Trichlorobenzene	1.442	1.481	-	-2.7	20	109	0
IS1_Naphthalene-d8	1	1	-	0	20	108	0
Naphthalene	0.971	0.934	-	3.8	20	102	0
Benzoic Acid	0.2	0.238	-	-19	20	141	0
4-Chloroaniline	0.128	0.139	-	-8.6	20	113	0
Hexachlorobutadiene	0.237	0.22	-	7.2	20	101	0
p-Chloro-m-cresol	0.287	0.325	-	-13.2	20	113	0
2-Methylnaphthalene	0.657	0.671	-	-2.1	20	109	0
1-Methylnaphthalene	0.238	0.245	-	-2.9	20	109	0
Hexachlorocyclopentadiene	0.275	0.281	-	-2.2	20	107	0
2,4,6-Trichlorophenol	0.26	0.296	-	-13.8	20	115	0
2,4,5-Trichlorophenol	0.279	0.326	-	-16.8	20	119	0
2-Fluorobiphenyl	0.908	0.897	-	1.2	20	106	0
2-Chloronaphthalene	0.761	0.725	-	4.7	20	101	0
2-Nitroaniline	0.183	0.241	-	-31.7*	20	130	0
1,4-Dinitrobenzene	0.089	0.139	-	-56.2*	20	159	0
1,3-Dinitrobenzene	0.108	0.15	-	-38.9*	20	143	0
Dimethyl phthalate	0.979	0.942	-	3.8	20	98	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/02/26 11:25	
Lab File ID	: ABN0402		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193052-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.224	1.212	-	1	20	103	0
2,6-Dinitrotoluene	0.167	0.198	-	-18.6	20	113	0
1,2-Dinitrobenzene	0.072	0.097	-	-34.7*	20	134	0
IS1_Acenaphthene-d10	1	1	-	0	20	112	0
3-Nitroaniline	0.273	0.338	-	-23.8*	20	126	0
Acenaphthene	1.05	0.948	-	9.7	20	102	0
2,4-Dinitrophenol	0.13	0.145	-	-11.5	20	119	0
Dibenzofuran	1.793	1.745	-	2.7	20	109	0
2,4-Dinitrotoluene	0.344	0.423	-	-23*	20	125	0
4-Nitrophenol	0.207	0.309	-	-49.3*	20	153	0
2,3,5,6-Tetrachlorophenol	0.38	0.446	-	-17.4	20	125	0
2,3,4,6-Tetrachlorophenol	0.374	0.421	-	-12.6	20	118	0
Diethyl phthalate	1.51	1.38	-	8.6	20	99	0
Fluorene	1.453	1.329	-	8.5	20	102	0
4-Chlorophenyl phenyl ethe	0.747	0.682	-	8.7	20	105	0
4-Nitroaniline	0.275	0.353	-	-28.4*	20	128	0
4,6-Dinitro-o-cresol	0.184	0.256	-	-39.1*	20	148	0
NDPA/DPA	1.25	1.23	-	1.6	20	109	0
Azobenzene	1.307	1.312	-	-0.4	20	109	0
2,4,6-Tribromophenol	0.254	0.255	-	-0.4	20	107	0
4-Bromophenyl phenyl ether	0.505	0.458	-	9.3	20	102	0
Hexachlorobenzene	0.617	0.54	-	12.5	20	100	0
Pentachlorophenol	0.325	0.407	-	-25.2*	20	129	0
IS1_Phenanthrene-d10	1	1	-	0	20	112	0
Phenanthrene	1.012	0.949	-	6.2	20	103	0
Anthracene	1.022	0.977	-	4.4	20	103	0
Carbazole	0.958	0.987	-	-3	20	111	0
Di-n-butylphthalate	1.062	1.048	-	1.3	20	99	0
Fluoranthene	1.26	1.249	-	0.9	20	106	0
Benzidine	0.785	0.796	-	-1.4	20	102	0
Pyrene	1.321	1.288	-	2.5	20	105	0
4-Terphenyl-d14	1.039	1.048	-	-0.9	20	111	0
Butyl benzyl phthalate	0.422	0.51	-	-20.9*	20	118	0
IS1_Chrysene-d12	1	1	-	0	20	108	0
Benzo(a)anthracene	1.232	1.228	-	0.3	20	107	0
3,3'-Dichlorobenzidine	0.479	0.497	-	-3.8	20	103	0
Chrysene	1.144	1.152	-	-0.7	20	109	0
Bis(2-ethylhexyl)phthalate	0.594	0.697	-	-17.3	20	111	0
Di-n-octylphthalate	0.991	1.178	-	-18.9	20	108	0
Benzo(b)fluoranthene	1.265	1.325	-	-4.7	20	107	0
Benzo(k)fluoranthene	1.205	1.08	-	10.4	20	98	0
Benzo(a)pyrene	1.183	1.121	-	5.2	20	99	0
IS1_Perylene-d12	1	1	-	0	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Calibration Date**	: 04/02/26 11:25
Lab File ID	: ABN0402	**Init. Calib. Date(s)**	: 02/07/26 02/07/26
Sample No	: WG2193052-3	**Init. Calib. Times**	: 00:29 09:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.15	0.966	-	16	20	91	0
Dibenzo(a,h)anthracene	1.064	0.991	-	6.9	20	98	0
Benzo(ghi)perylene	1.058	0.976	-	7.8	20	99	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/02/26 11:44	
Lab File ID	: AP90402		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193052-4		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	129	0
Benzaldehyde	0.992	1.076	-	-8.5	20	135	0
Acetophenone	1.732	1.904	-	-9.9	20	133	0
m-Toluidine	1.646	1.843	-	-12	20	133	0
2-Chloroaniline	1.535	1.689	-	-10	20	134	0
IS2_Naphthalene-d8	1	1	-	0	20	133	0
a-Terpineol	0.245	0.31	-	-26.5*	20	161	0
3-Chloroaniline	0.14	0.158	-	-12.9	20	141	0
2,6-Dichlorophenol	0.285	0.335	-	-17.5	20	143	0
1-chloro-2-nitrobenzene	0.116	0.152	-	-31*	20	172	0
Caprolactam	0.155	0.185	-	-19.4	20	162	0
1,2,4,5-Tetrachlorobenzene	0.423	0.446	-	-5.4	20	134	0
Biphenyl	0.911	0.961	-	-5.5	20	133	0
IS2_Acenaphthene-d10	1	1	-	0	20	136	0
Dichloran	0.159	0.222	-	-39.6*	20	193	0
Pentachloronitrobenzene	0.179	0.229	-	-27.9*	20	167	0
IS2_Phenanthrene-d10	1	1	-	0	20	129	0
Diphenamid	0.473	0.505	-	-6.8	20	126	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Calibration Date**	: 04/02/26 12:03
Lab File ID	: ADP0402	**Init. Calib. Date(s)**	: 02/07/26 02/07/26
Sample No	: WG2193052-5	**Init. Calib. Times**	: 00:29 09:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	123	0
1,4-Dioxane	0.422	0.493	-	-16.8	20	146	0
n-Decane	1.225	1.402	-	-14.4	20	139	0
IS3_Acenaphthene-d10	1	1	-	0	20	122	0
Atrazine	0.465	0.471	-	-1.3	20	118	0
IS3_Phenanthrene-d10	1	1	-	0	20	120	0
n-Octadecane	0.385	0.392	-	-1.8	20	123	0
Parathion	5	5.81	-	-16.2	20	158	0
3,3'-Dimethylbenzidine	0.75	0.808	-	-7.7	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/04/26 08:20	
Lab File ID	: ABN0404		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193904-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
n-Nitrosodimethylamine	0.687	0.773	-	-12.5	20	77	0
Pyridine	1.096	1.311	-	-19.6	20	88	0
2-Fluorophenol	0.997	1.089	-	-9.2	20	82	0
Aniline	1.859	1.848	-	0.6	20	71	0
2-Chlorophenol	1.181	1.222	-	-3.5	20	76	0
Phenol-d6	1.329	1.279	-	3.8	20	69	0
Phenol	1.529	1.617	-	-5.8	20	74	0
Bis(2-chloroethyl)ether	1.126	1.108	-	1.6	20	71	0
1,3-Dichlorobenzene	1.422	1.453	-	-2.2	20	76	0
1,4-Dichlorobenzene	1.454	1.474	-	-1.4	20	75	0
1,2-Dichlorobenzene	1.389	1.439	-	-3.6	20	77	0
Benzyl alcohol	0.981	0.965	-	1.6	20	69	0
Bis(2-chloroisopropyl)ethe	1.675	1.784	-	-6.5	20	77	0
2-Methylphenol	1.037	1.08	-	-4.1	20	73	0
Hexachloroethane	0.522	0.502	-	3.8	20	71	0
n-Nitrosodi-n-propylamine	0.894	0.874	-	2.2	20	67	0
3-Methylphenol/4-Methylphe	1.112	1.18	-	-6.1	20	74	0
Nitrobenzene-d5	1.142	1.272	-	-11.4	20	80	0
Nitrobenzene	1.172	1.207	-	-3	20	70	0
Isophorone	2.548	2.208	-	13.3	20	61	0
2-Nitrophenol	0.511	0.627	-	-22.7*	20	88	0
2,4-Dimethylphenol	1.225	1.269	-	-3.6	20	75	0
Bis(2-chloroethoxy)methane	1.578	1.519	-	3.7	20	68	0
2,4-Dichlorophenol	1.159	1.186	-	-2.3	20	72	0
1,2,4-Trichlorobenzene	1.442	1.379	-	4.4	20	71	0
IS1_Naphthalene-d8	1	1	-	0	20	71	0
Naphthalene	0.971	0.934	-	3.8	20	68	0
Benzoic Acid	0.2	0.194	-	3	20	76	0
4-Chloroaniline	0.128	0.132	-	-3.1	20	72	0
Hexachlorobutadiene	0.237	0.226	-	4.6	20	69	0
p-Chloro-m-cresol	0.287	0.304	-	-5.9	20	70	0
2-Methylnaphthalene	0.657	0.649	-	1.2	20	70	0
1-Methylnaphthalene	0.238	0.236	-	0.8	20	70	0
Hexachlorocyclopentadiene	0.275	0.277	-	-0.7	20	70	0
2,4,6-Trichlorophenol	0.26	0.274	-	-5.4	20	71	0
2,4,5-Trichlorophenol	0.279	0.303	-	-8.6	20	73	0
2-Fluorobiphenyl	0.908	0.886	-	2.4	20	70	0
2-Chloronaphthalene	0.761	0.694	-	8.8	20	64	0
2-Nitroaniline	0.183	0.215	-	-17.5	20	77	0
1,4-Dinitrobenzene	0.089	0.114	-	-28.1*	20	87	0
1,3-Dinitrobenzene	0.108	0.13	-	-20.4*	20	82	0
Dimethyl phthalate	0.979	0.894	-	8.7	20	62	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/04/26 08:20	
Lab File ID	: ABN0404		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193904-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.224	1.159	-	5.3	20	66	0
2,6-Dinitrotoluene	0.167	0.184	-	-10.2	20	70	0
1,2-Dinitrobenzene	0.072	0.086	-	-19.4	20	79	0
IS1_Acenaphthene-d10	1	1	-	0	20	67	0
3-Nitroaniline	0.273	0.326	-	-19.4	20	73	0
Acenaphthene	1.05	1.002	-	4.6	20	65	0
2,4-Dinitrophenol	0.13	0.138	-	-6.2	20	68	0
Dibenzofuran	1.793	1.803	-	-0.6	20	68	0
2,4-Dinitrotoluene	0.344	0.415	-	-20.6*	20	74	0
4-Nitrophenol	0.207	0.284	-	-37.2*	20	85	0
2,3,5,6-Tetrachlorophenol	0.38	0.452	-	-18.9	20	76	0
2,3,4,6-Tetrachlorophenol	0.374	0.439	-	-17.4	20	74	0
Diethyl phthalate	1.51	1.421	-	5.9	20	61	0
Fluorene	1.453	1.358	-	6.5	20	62	0
4-Chlorophenyl phenyl ethe	0.747	0.721	-	3.5	20	67	0
4-Nitroaniline	0.275	0.333	-	-21.1*	20	73	0
4,6-Dinitro-o-cresol	0.184	0.249	-	-35.3*	20	86	0
NDPA/DPA	1.25	1.266	-	-1.3	20	67	0
Azobenzene	1.307	1.355	-	-3.7	20	68	0
2,4,6-Tribromophenol	0.254	0.254	-	0	20	64	0
4-Bromophenyl phenyl ether	0.505	0.469	-	7.1	20	63	0
Hexachlorobenzene	0.617	0.557	-	9.7	20	62	0
Pentachlorophenol	0.325	0.401	-	-23.4*	20	76	0
IS1_Phenanthrene-d10	1	1	-	0	20	66	0
Phenanthrene	1.012	0.974	-	3.8	20	63	0
Anthracene	1.022	0.995	-	2.6	20	62	0
Carbazole	0.958	0.979	-	-2.2	20	65	0
Di-n-butylphthalate	1.062	1.094	-	-3	20	61	0
Fluoranthene	1.26	1.248	-	1	20	63	0
Benzidine	0.785	0.854	-	-8.8	20	65	0
Pyrene	1.321	1.315	-	0.5	20	63	0
4-Terphenyl-d14	1.039	1.082	-	-4.1	20	68	0
Butyl benzyl phthalate	0.422	0.507	-	-20.1*	20	69	0
IS1_Chrysene-d12	1	1	-	0	20	69	0
Benzo(a)anthracene	1.232	1.163	-	5.6	20	64	0
3,3'-Dichlorobenzidine	0.479	0.462	-	3.5	20	61	0
Chrysene	1.144	1.111	-	2.9	20	67	0
Bis(2-ethylhexyl)phthalate	0.594	0.666	-	-12.1	20	67	0
Di-n-octylphthalate	0.991	1.119	-	-12.9	20	65	0
Benzo(b)fluoranthene	1.265	1.199	-	5.2	20	61	0
Benzo(k)fluoranthene	1.205	1.169	-	3	20	68	0
Benzo(a)pyrene	1.183	1.082	-	8.5	20	61	0
IS1_Perylene-d12	1	1	-	0	20	66	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/04/26 08:20	
Lab File ID	: ABN0404		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193904-3		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.15	1.008	-	12.3	20	58	0
Dibenzo(a,h)anthracene	1.064	1.012	-	4.9	20	60	0
Benzo(ghi)perylene	1.058	1.006	-	4.9	20	62	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Calibration Date**	: 04/04/26 08:40
Lab File ID	: AP90404	**Init. Calib. Date(s)**	: 02/07/26 02/07/26
Sample No	: WG2193904-4	**Init. Calib. Times**	: 00:29 09:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	104	0
Benzaldehyde	0.992	1.019	-	-2.7	20	104	0
Acetophenone	1.732	1.784	-	-3	20	101	0
m-Toluidine	1.646	1.722	-	-4.6	20	101	0
2-Chloroaniline	1.535	1.552	-	-1.1	20	100	0
IS2_Naphthalene-d8	1	1	-	0	20	103	0
a-Terpineol	0.245	0.301	-	-22.9*	20	121	0
3-Chloroaniline	0.14	0.154	-	-10	20	106	0
2,6-Dichlorophenol	0.285	0.318	-	-11.6	20	104	0
1-chloro-2-nitrobenzene	0.116	0.148	-	-27.6*	20	129	0
Caprolactam	0.155	0.165	-	-6.5	20	111	0
1,2,4,5-Tetrachlorobenzene	0.423	0.452	-	-6.9	20	105	0
Biphenyl	0.911	0.931	-	-2.2	20	100	0
IS2_Acenaphthene-d10	1	1	-	0	20	96	0
Dichloran	0.159	0.211	-	-32.7*	20	130	0
Pentachloronitrobenzene	0.179	0.228	-	-27.4*	20	118	0
IS2_Phenanthrene-d10	1	1	-	0	20	96	0
Diphenamid	0.473	0.492	-	-4	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/04/26 08:59	
Lab File ID	: ADP0404		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193904-5		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
1,4-Dioxane	0.422	0.468	-	-10.9	20	105	0
n-Decane	1.225	1.375	-	-12.2	20	102	0
IS3_Acenaphthene-d10	1	1	-	0	20	87	0
Atrazine	0.465	0.466	-	-0.2	20	83	0
IS3_Phenanthrene-d10	1	1	-	0	20	87	0
n-Octadecane	0.385	0.412	-	-7	20	94	0
Parathion	5	5.614	-	-12.3	20	111	0
3,3'-Dimethylbenzidine	0.75	0.827	-	-10.3	20	85	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260402RVT\
Data File : ABN0402.D
Acq On : 02 Apr 2026 11:25 am
Operator : SV112:jg
Sample : WG2193052-3,32,,ABN 12287 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 02 12:10:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:10:58 2026
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	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
2	T	n-Nitrosodimethylamine	0.687	0.803	-16.9	114	0.00
3	T	Pyridine	1.096	1.304	-19.0	124	0.00
4	S	2-Fluorophenol	0.997	1.115	-11.8	120	0.00
5	T	Aniline	1.859	2.007	-8.0	109	0.00
6	T	2-Chlorophenol	1.181	1.265	-7.1	111	0.00
7	S	Phenol-d6	1.329	1.383	-4.1	106	0.00
8	T	Phenol	1.529	1.730	-13.1	112	0.00
9	T	Bis(2-chloroethyl)ether	1.126	1.151	-2.2	104	0.00
10	T	1,3-Dichlorobenzene	1.422	1.471	-3.4	109	0.00
11	T	1,4-Dichlorobenzene	1.454	1.498	-3.0	108	0.00
12	T	1,2-Dichlorobenzene	1.389	1.464	-5.4	112	0.00
13	T	Benzyl alcohol	0.981	1.078	-9.9	109	0.00
14	T	Bis(2-chloroisopropyl)ether	1.675	1.796	-7.2	110	0.00
15	T	2-Methylphenol	1.037	1.186	-14.4	114	0.00
16	T	Hexachloroethane	0.522	0.519	0.6	104	0.00
17	T	n-Nitrosodi-n-propylamine	0.894	0.964	-7.8	106	0.00
18	T	3-Methylphenol/4-Methylphen	1.112	1.254	-12.8	112	0.00
19	S	Nitrobenzene-d5	1.142	1.393	-22.0#	124	0.00
20	T	Nitrobenzene	1.172	1.364	-16.4	113	0.00
21	T	Isophorone	2.548	2.471	3.0	97	0.00
22	T	2-Nitrophenol	0.511	0.736	-44.0#	147	0.00
23	T	2,4-Dimethylphenol	1.225	1.376	-12.3	115	0.00
24	T	Bis(2-chloroethoxy)methane	1.578	1.607	-1.8	103	0.00
25	T	2,4-Dichlorophenol	1.159	1.278	-10.3	110	0.00
26	T	1,2,4-Trichlorobenzene	1.442	1.481	-2.7	109	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	108	0.00
36	T	Naphthalene	0.971	0.934	3.8	102	0.00
37	T	Benzoic Acid	0.200	0.238	-19.0	141	0.00
38	T	4-Chloroaniline	0.128	0.139	-8.6	113	0.00
39	T	Hexachlorobutadiene	0.237	0.220	7.2	101	0.00
40	T	p-Chloro-m-cresol	0.287	0.325	-13.2	113	0.00
41	T	2-Methylnaphthalene	0.657	0.671	-2.1	109	0.00
42	T	1-Methylnaphthalene	0.238	0.245	-2.9	109	0.00
43	T	Hexachlorocyclopentadiene	0.275	0.281	-2.2	107	0.00
44	T	2,4,6-Trichlorophenol	0.260	0.296	-13.8	115	0.00
45	T	2,4,5-Trichlorophenol	0.279	0.326	-16.8	119	0.00
46	S	2-Fluorobiphenyl	0.908	0.897	1.2	106	0.00

Data Path : I:\8270\SV112\260402RVT\
Data File : ABN0402.D
Acq On : 02 Apr 2026 11:25 am
Operator : SV112:jg
Sample : WG2193052-3,32,,ABN 12287 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 02 12:10:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:10:58 2026
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)
47	T	2-Chloronaphthalene	0.761	0.725	4.7	101	0.00
48	T	2-Nitroaniline	0.183	0.241	-31.7#	130	0.00
49	T	1,4-Dinitrobenzene	0.089	0.139	-56.2#	159	0.00
50	T	1,3-Dinitrobenzene	0.108	0.150	-38.9#	143	0.00
51	T	Dimethyl phthalate	0.979	0.942	3.8	98	0.00
52	T	Acenaphthylene	1.224	1.212	1.0	103	0.00
53	T	2,6-Dinitrotoluene	0.167	0.198	-18.6	113	0.00
54	T	1,2-Dinitrobenzene	0.072	0.097	-34.7#	134	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	112	0.00
64	T	3-Nitroaniline	0.273	0.338	-23.8#	126	0.00
65	T	Acenaphthene	1.050	0.948	9.7	102	0.00
66	T	2,4-Dinitrophenol	0.130	0.145	-11.5	119	0.00
67	T	Dibenzofuran	1.793	1.745	2.7	109	0.00
68	T	2,4-Dinitrotoluene	0.344	0.423	-23.0#	125	0.00
69	T	4-Nitrophenol	0.207	0.309	-49.3#	153	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.380	0.446	-17.4	125	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.374	0.421	-12.6	118	0.00
72	T	Diethyl phthalate	1.510	1.380	8.6	99	0.00
73	T	Fluorene	1.453	1.329	8.5	102	0.00
74	T	4-Chlorophenyl phenyl ether	0.747	0.682	8.7	105	0.00
75	T	4-Nitroaniline	0.275	0.353	-28.4#	128	0.00
76	T	4,6-Dinitro-o-cresol	0.184	0.256	-39.1#	148	0.00
77	T	NDPA/DPA	1.250	1.230	1.6	109	0.00
78	T	Azobenzene	1.307	1.312	-0.4	109	0.00
79	S	2,4,6-Tribromophenol	0.254	0.255	-0.4	107	0.00
80	T	4-Bromophenyl phenyl ether	0.505	0.458	9.3	102	0.00
81	T	Hexachlorobenzene	0.617	0.540	12.5	100	0.00
82	T	Pentachlorophenol	0.325	0.407	-25.2#	129	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	112	0.00
89	T	Phenanthrene	1.012	0.949	6.2	103	0.00
90	T	Anthracene	1.022	0.977	4.4	103	0.00
91	T	Carbazole	0.958	0.987	-3.0	111	0.00
92	T	Di-n-butylphthalate	1.062	1.048	1.3	99	0.00
93	T	Fluoranthene	1.260	1.249	0.9	106	0.00
94	T	Benzidine	0.785	0.796	-1.4	102	0.00
95	T	Pyrene	1.321	1.288	2.5	105	0.00
96	S	4-Terphenyl-d14	1.039	1.048	-0.9	111	0.00

Data Path : I:\8270\SV112\260402RVT\
Data File : ABN0402.D
Acq On : 02 Apr 2026 11:25 am
Operator : SV112:jg
Sample : WG2193052-3,32,,ABN 12287 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 02 12:10:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:10:58 2026
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)
97	T	Butyl benzyl phthalate	0.422	0.510	-20.9#	118	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	108	0.00
105	T	Benzo(a)anthracene	1.232	1.228	0.3	107	0.00
106	T	3,3'-Dichlorobenzidine	0.479	0.497	-3.8	103	0.00
107	T	Chrysene	1.144	1.152	-0.7	109	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.594	0.697	-17.3	111	0.00
109	T	Di-n-octylphthalate	0.991	1.178	-18.9	108	0.00
110	T	Benzo(b)fluoranthene	1.265	1.325	-4.7	107	0.00
111	T	Benzo(k)fluoranthene	1.205	1.080	10.4	98	0.00
112	T	Benzo(a)pyrene	1.183	1.121	5.2	99	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	109	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.150	0.966	16.0	91	0.00
115	T	Dibenzo(a,h)anthracene	1.064	0.991	6.9	98	0.00
116	T	Benzo(ghi)perylene	1.058	0.976	7.8	99	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : ABN0402.D
Acq On : 02 Apr 2026 11:25 am
Operator : SV112:jg
Sample : WG2193052-3,32,,ABN 12287 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 02 12:10:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:10:58 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	28958	4.000	ug/ml		0.00
35) IS1_Naphthalene-d8	5.022	136	115513	4.000	ug/ml		0.00
63) IS1_Acenaphthene-d10	6.704	164	80394	4.000	ug/ml		0.00
88) IS1_Phenanthrene-d10	8.128	188	186472	4.000	ug/ml	#	0.00
104) IS1_Chrysene-d12	10.722	240	209893	4.000	ug/ml	#	0.00
113) IS1_Perylene-d12	12.163	264	240171	4.000	ug/ml		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	40355	5.590	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 279.50%#				
7) Phenol-d6	3.534	99	50074	5.203	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 260.15%#				
19) Nitrobenzene-d5	4.346	82	50421	6.098	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 609.80%#				
46) 2-Fluorobiphenyl	6.081	172	129456	4.938	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 493.80%#				
79) 2,4,6-Tribromophenol	7.469	330	25670	5.024	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 251.20%#				
96) 4-Terphenyl-d14	9.698	244	244227	5.044	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 504.40%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.605	74	29063	5.846	ug/ml		93
3) Pyridine	1.640	79	47200	5.950	ug/ml		94
5) Aniline	3.528	93	72649	5.397	ug/ml	#	48
6) 2-Chlorophenol	3.634	128	45791	5.357	ug/ml		99
8) Phenol	3.546	94	62621	5.656	ug/ml	#	42
9) Bis(2-chloroethyl)ether	3.599	93	41656	5.110	ug/ml		98
10) 1,3-Dichlorobenzene	3.775	146	53250	5.172	ug/ml		97
11) 1,4-Dichlorobenzene	3.840	146	54206	5.148	ug/ml		97
12) 1,2-Dichlorobenzene	3.981	146	53001	5.269	ug/ml		97
13) Benzyl alcohol	3.975	79	39003	5.491	ug/ml		98
14) Bis(2-chloroisopropyl)...	4.105	45	65011	5.360	ug/ml	#	70
15) 2-Methylphenol	4.105	108	42936	5.718	ug/ml		98
16) Hexachloroethane	4.299	117	18770	4.967	ug/ml	#	62
17) n-Nitrosodi-n-propylamine	4.228	70	34895	5.389	ug/ml		95
18) 3-Methylphenol/4-Methy...	4.252	108	45403	5.642	ug/ml		95
20) Nitrobenzene	4.363	77	49378	5.821	ug/ml		96
21) Isophorone	4.599	82	89443	4.848	ug/ml		100
22) 2-Nitrophenol	4.669	139	26637	7.196	ug/ml		98

Data Path : I:\8270\SV112\260402RVT\
Data File : ABN0402.D
Acq On : 02 Apr 2026 11:25 am
Operator : SV112:jg
Sample : WG2193052-3,32,,ABN 12287 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 02 12:10:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:10:58 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	4.752	107	49807	5.615	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.828	93	58154	5.092	ug/ml	99
25) 2,4-Dichlorophenol	4.910	162	46278	5.517	ug/ml	94
26) 1,2,4-Trichlorobenzene	4.981	180	53605	5.134	ug/ml	96
36) Naphthalene	5.040	128	134840	4.809	ug/ml	100
37) Benzoic Acid	4.840	105	34398	5.954	ug/ml	97
38) 4-Chloroaniline	5.116	65	20024	5.424	ug/ml	97
39) Hexachlorobutadiene	5.193	225	31808	4.642	ug/ml	98
40) p-Chloro-m-cresol	5.616	107	46893	5.649	ug/ml	96
41) 2-Methylnaphthalene	5.710	142	96897	5.110	ug/ml	97
42) 1-Methylnaphthalene	5.804	115	35336	5.147	ug/ml	95
43) Hexachlorocyclopentadiene	5.881	237	40598	5.118	ug/ml	100
44) 2,4,6-Trichlorophenol	5.999	196	42701	5.683	ug/ml	100
45) 2,4,5-Trichlorophenol	6.034	196	47009	5.842	ug/ml	98
47) 2-Chloronaphthalene	6.175	162	104690	4.764	ug/ml	94
48) 2-Nitroaniline	6.287	138	34817	6.593	ug/ml	99
49) 1,4-Dinitrobenzene	6.416	168	20025	7.749	ug/ml	84
50) 1,3-Dinitrobenzene	6.493	168	21650	6.939	ug/ml	86
51) Dimethyl phthalate	6.493	163	136062	4.812	ug/ml	99
52) Acenaphthylene	6.563	152	174951	4.950	ug/ml	99
53) 2,6-Dinitrotoluene	6.528	165	28579	5.935	ug/ml	92
54) 1,2-Dinitrobenzene	6.569	168	13941	6.703	ug/ml#	1
64) 3-Nitroaniline	6.687	138	33975	6.188	ug/ml	99
65) Acenaphthene	6.740	154	95315	4.517	ug/ml	97
66) 2,4-Dinitrophenol	6.781	184	14607	5.572	ug/ml#	84
67) Dibenzofuran	6.904	168	175348	4.867	ug/ml#	82
68) 2,4-Dinitrotoluene	6.916	165	42540	6.149	ug/ml	86
69) 4-Nitrophenol	6.887	65	31023	7.453	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.999	232	44798	5.866	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.040	232	42281	5.623	ug/ml	99
72) Diethyl phthalate	7.181	149	138706	4.572	ug/ml	96
73) Fluorene	7.234	166	133557	4.572	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.257	204	68571	4.568	ug/ml#	82
75) 4-Nitroaniline	7.269	138	35446	6.404	ug/ml	98
76) 4,6-Dinitro-o-cresol	7.304	198	25766	6.971	ug/ml#	79
77) NDPA/DPA	7.375	169	123617	4.921	ug/ml	94
78) Azobenzene	7.404	77	131801	5.016	ug/ml#	95
80) 4-Bromophenyl phenyl e...	7.722	248	46067	4.542	ug/ml#	82
81) Hexachlorobenzene	7.769	284	54285	4.379	ug/ml#	85
82) Pentachlorophenol	7.963	266	40914	6.261	ug/ml	98
89) Phenanthrene	8.146	178	221282	4.692	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : ABN0402.D
Acq On : 02 Apr 2026 11:25 am
Operator : SV112:jg
Sample : WG2193052-3,32,,ABN 12287 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 02 12:10:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:10:58 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Anthracene	8.198	178	227810	4.780	ug/ml	98
91)	Carbazole	8.369	167	230088	5.150	ug/ml	98
92)	Di-n-butylphthalate	8.763	149	244365	4.934	ug/ml	99
93)	Fluoranthene	9.293	202	291025	4.955	ug/ml#	94
94)	Benzidine	9.451	184	185605	5.073	ug/ml#	97
95)	Pyrene	9.504	202	300313	4.878	ug/ml	99
97)	Butyl benzyl phthalate	10.216	149	118762	6.033	ug/ml#	95
105)	Benzo(a)anthracene	10.710	228	322307	4.984	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.716	252	130488	5.189	ug/ml#	98
107)	Chrysene	10.745	228	302363	5.039	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	10.851	149	182819	5.866	ug/ml#	98
109)	Di-n-octylphthalate	11.516	149	309183	5.945	ug/ml	99
110)	Benzo(b)fluoranthene	11.798	252	347686	5.238	ug/ml#	95
111)	Benzo(k)fluoranthene	11.828	252	283471M3	4.484	ug/ml	
112)	Benzo(a)pyrene	12.110	252	294168	4.740	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	13.116	276	289951M6	4.198	ug/mL	
115)	Dibenzo(a,h)anthracene	13.139	278	297441	4.656	ug/ml#	93
116)	Benzo(ghi)perylene	13.339	276	293154	4.614	ug/ml#	93

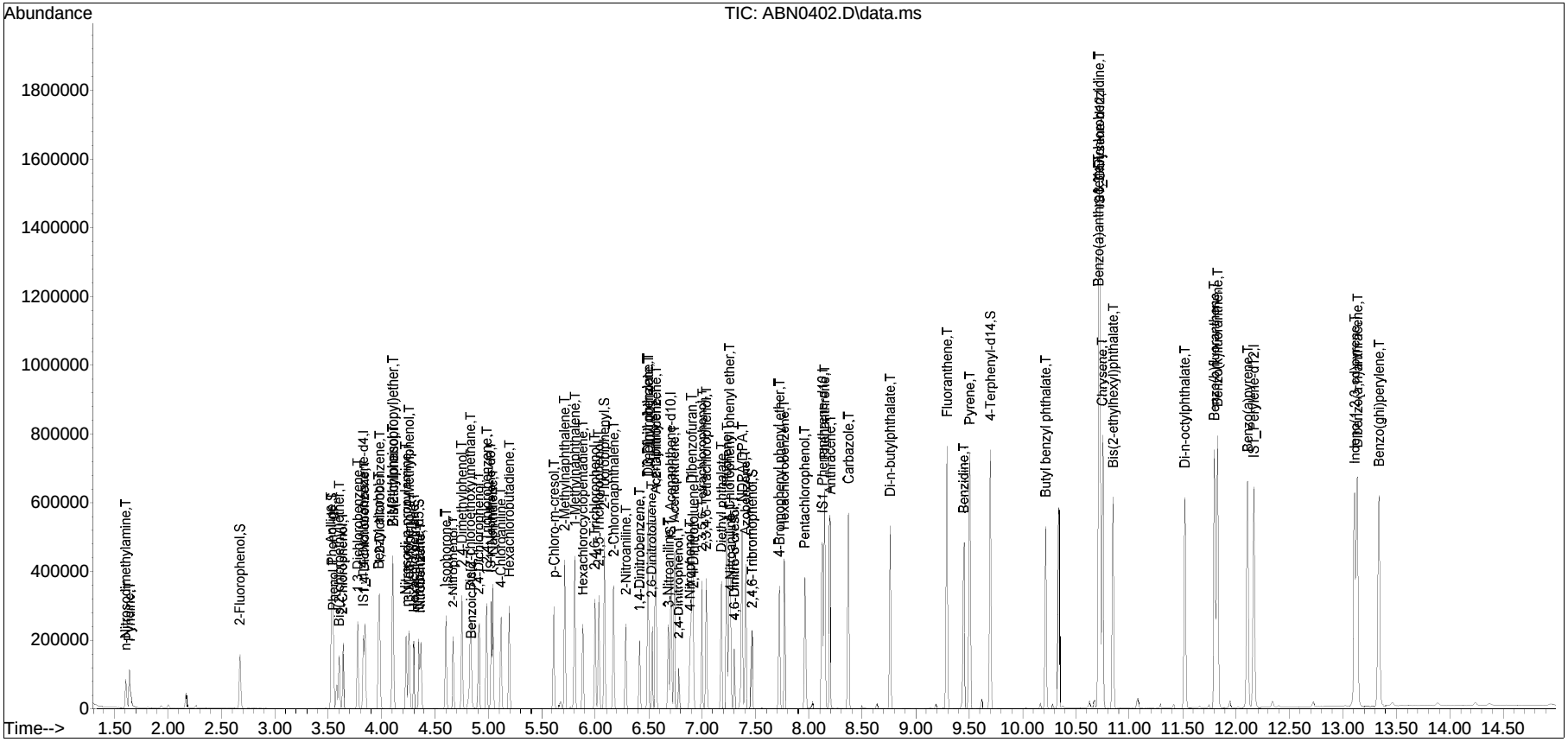
(#) = qualifier out of range (m) = manual integration (+) = signals summed

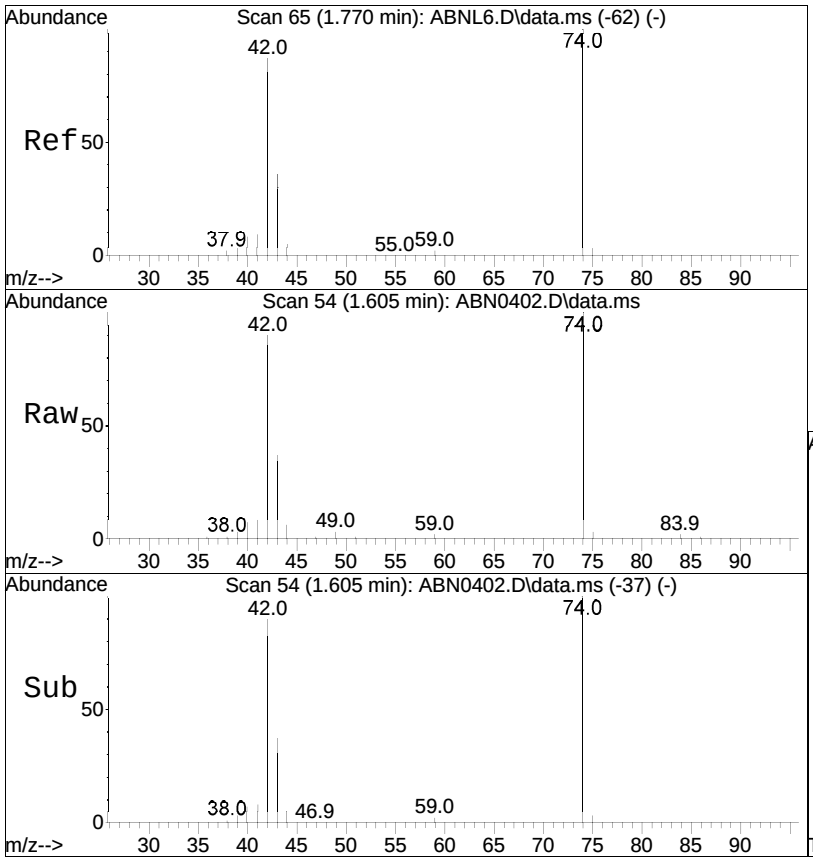
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : ABN0402.D
Acq On : 02 Apr 2026 11:25 am
Operator : SV112:jg
Sample : WG2193052-3,32,,ABN 12287 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 02 12:10:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:10:58 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

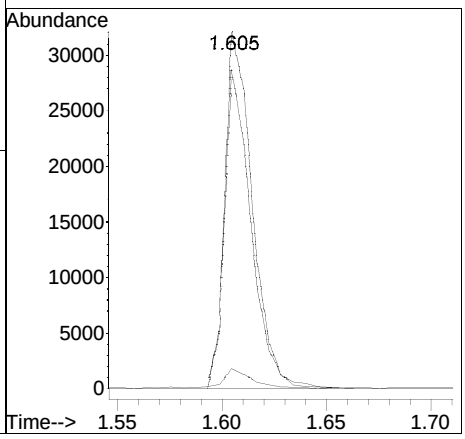


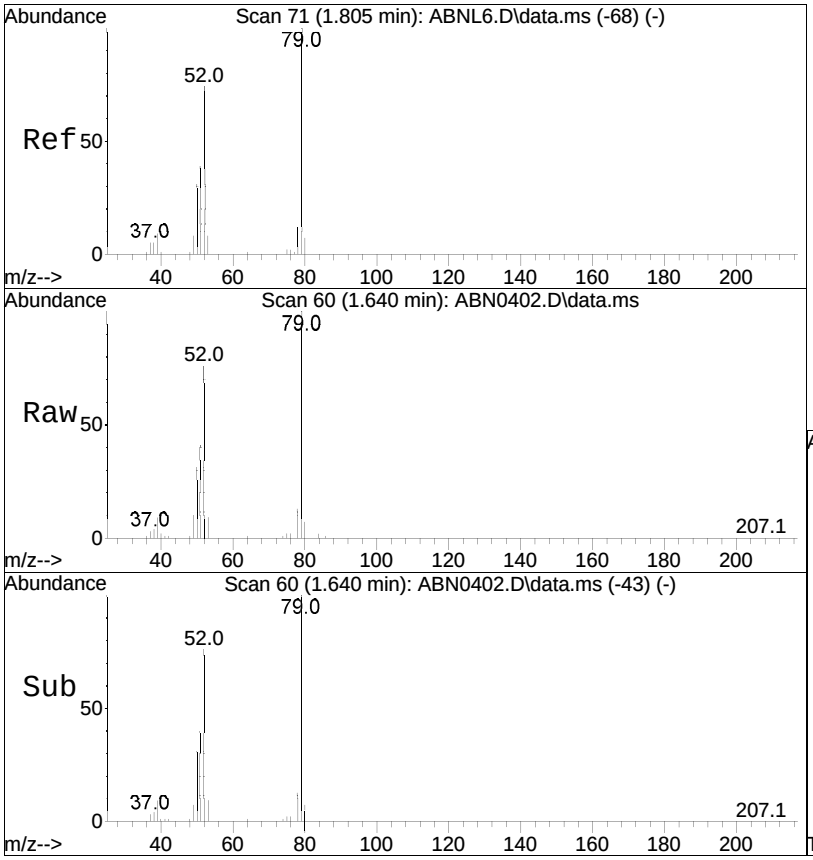


#2
n-Nitrosodimethylamine
Concen: 5.85 ug/ml
RT: 1.605 min Scan# 54
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 74 Resp: 29063

Ion	Ratio	Lower	Upper
74	100		
42	86.1	63.8	95.8
44	6.3	4.3	6.5

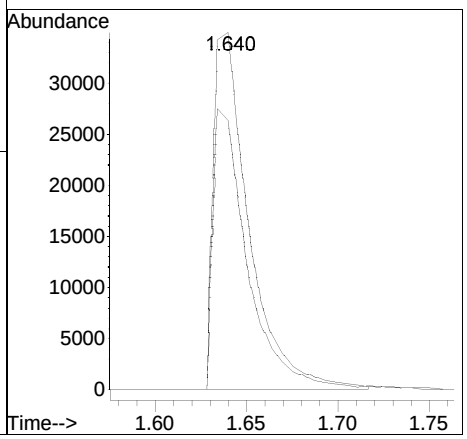


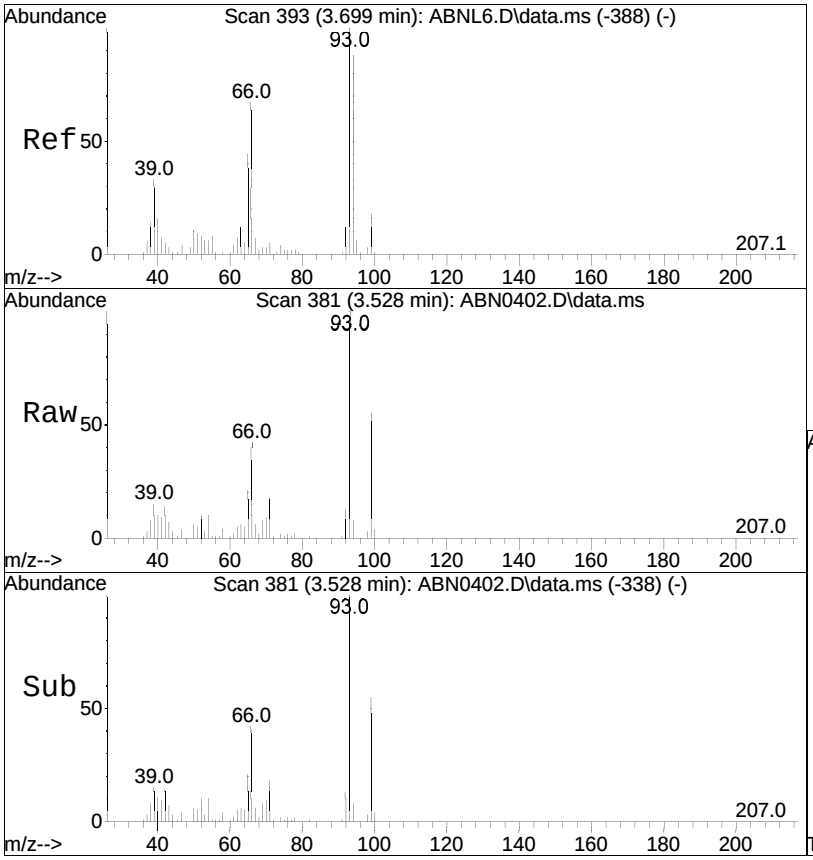


#3
Pyridine
Concen: 5.95 ug/ml
RT: 1.640 min Scan# 60
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 79 Resp: 47200

Ion	Ratio	Lower	Upper
79	100		
52	75.7	64.6	96.8

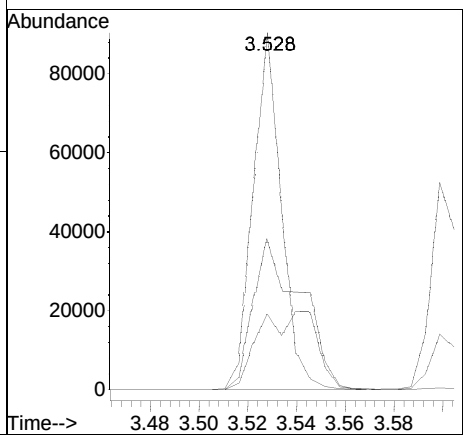


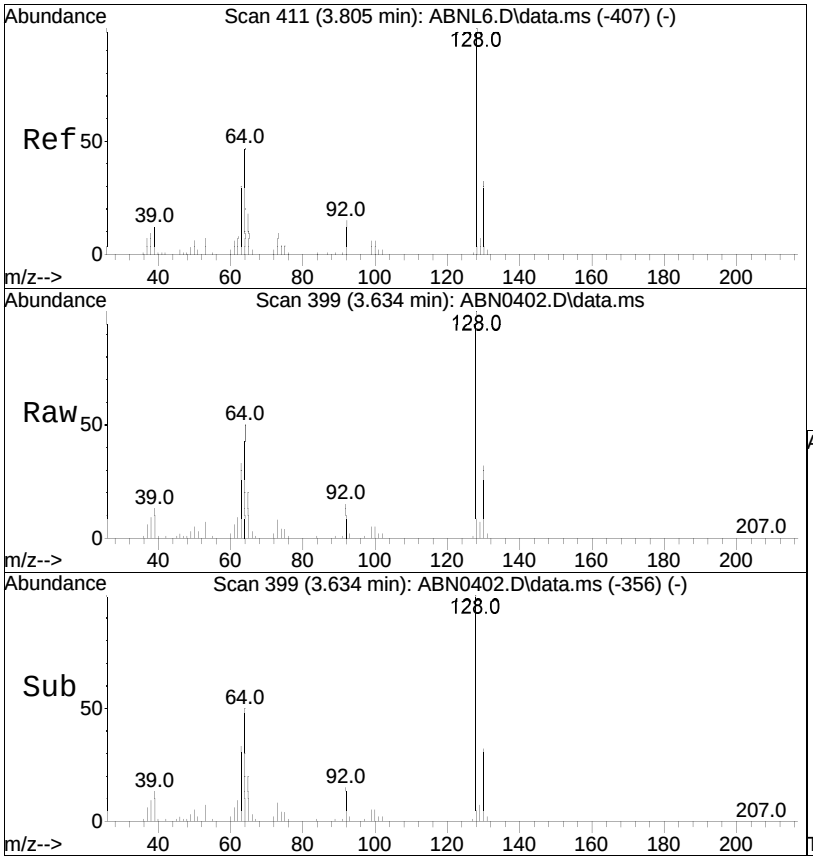


#5
Aniline
Concen: 5.40 ug/ml
RT: 3.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 93 Resp: 72649

Ion	Ratio	Lower	Upper
93	100		
66	71.2	31.3	46.9#
65	44.6	16.6	25.0#

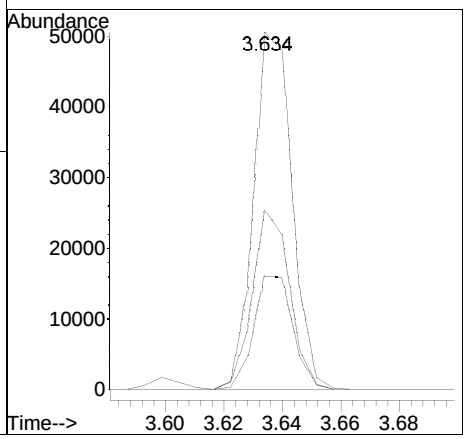


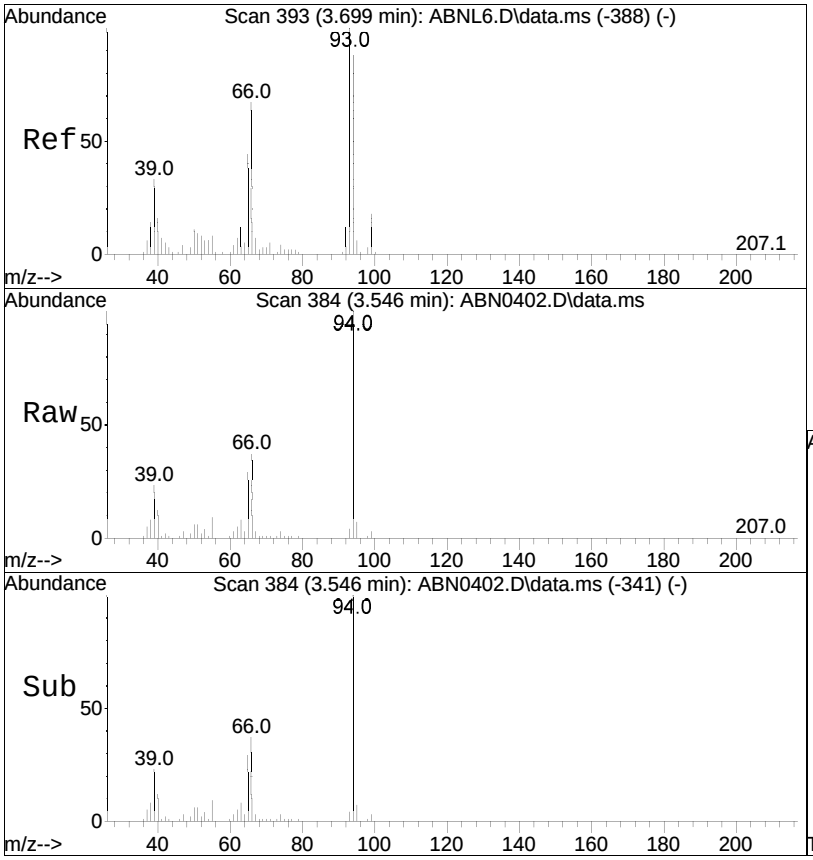


#6
2-Chlorophenol
Concen: 5.36 ug/ml
RT: 3.634 min Scan# 399
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:128 Resp: 45791

Ion	Ratio	Lower	Upper
128	100		
64	48.8	38.2	57.4
130	32.7	26.2	39.2

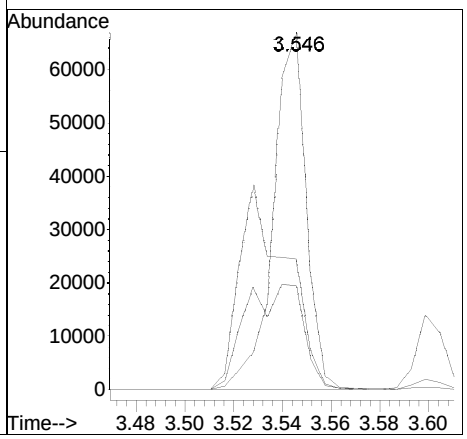


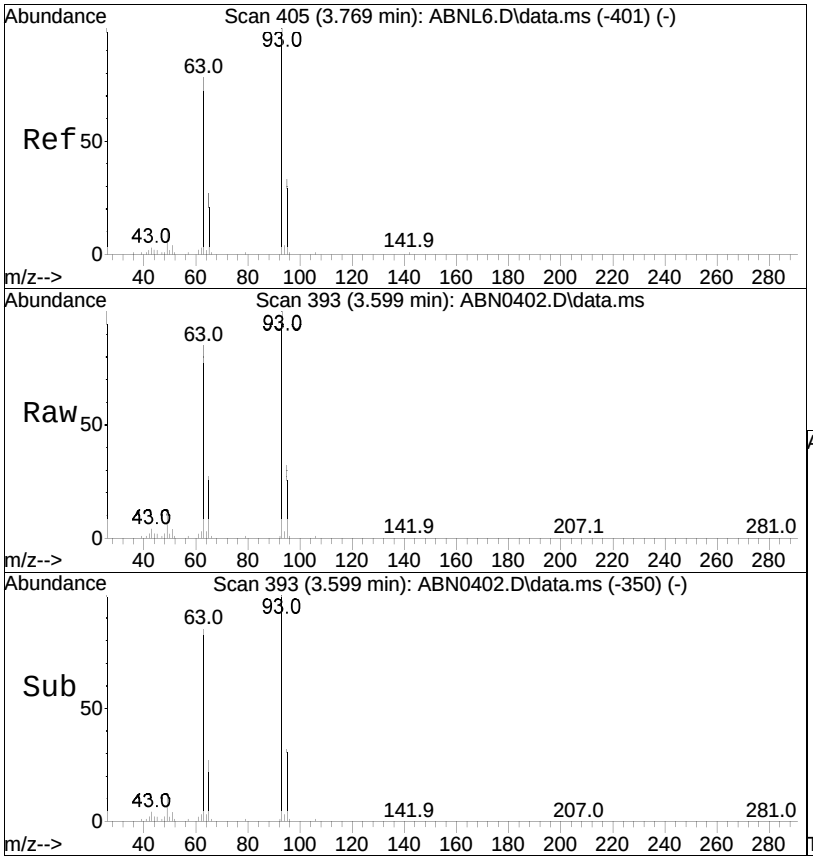


#8
Phenol
Concen: 5.66 ug/ml
RT: 3.546 min Scan# 384
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 94 Resp: 62621

Ion	Ratio	Lower	Upper
94	100		
65	51.7	23.0	34.6#
66	82.6	32.1	48.1#

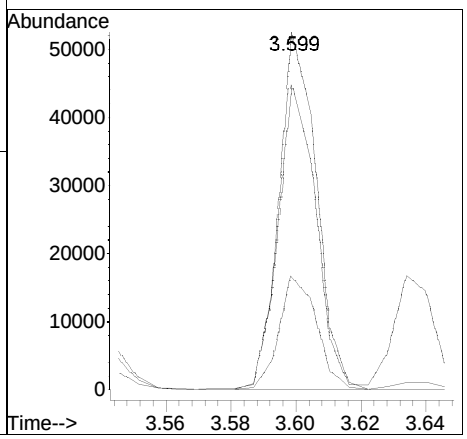


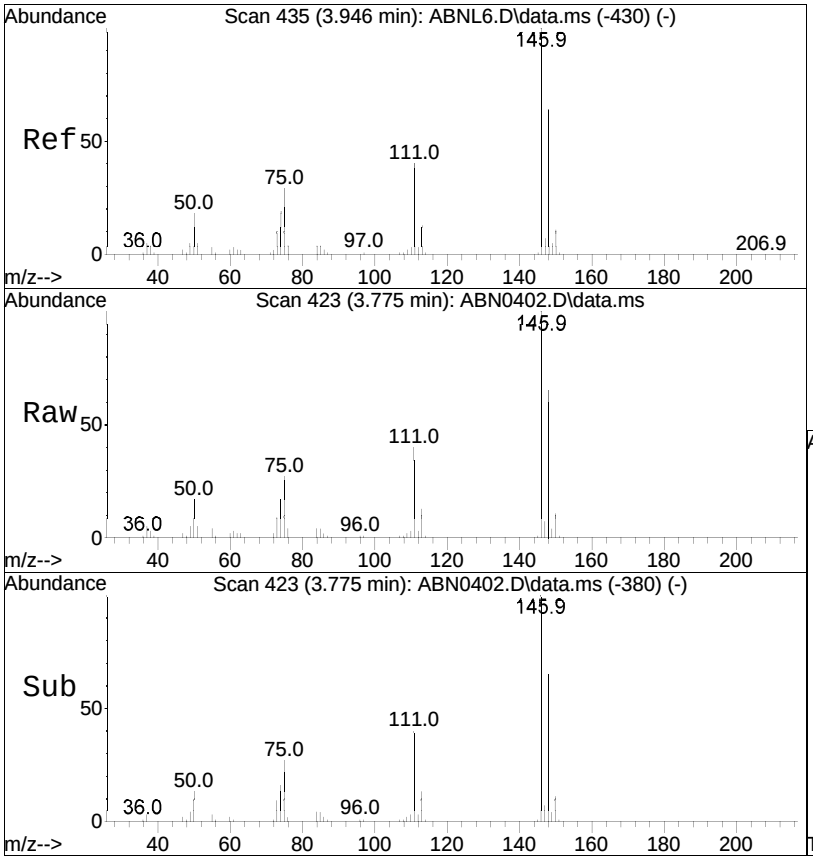


#9
Bis(2-chloroethyl)ether
Concen: 5.11 ug/ml
RT: 3.599 min Scan# 393
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 93 Resp: 41656

Ion	Ratio	Lower	Upper
93	100		
63	86.4	67.0	100.4
95	32.2	26.1	39.1

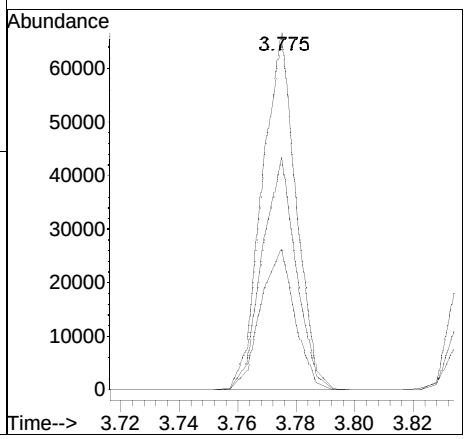


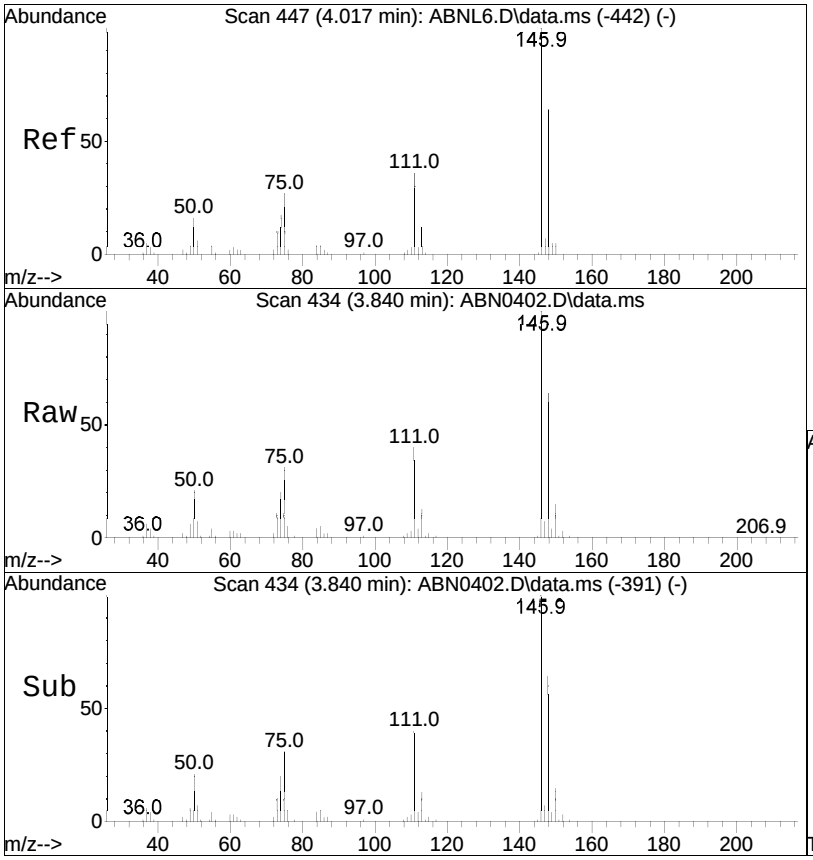


#10
1,3-Dichlorobenzene
Concen: 5.17 ug/ml
RT: 3.775 min Scan# 423
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:146 Resp: 53250

Ion	Ratio	Lower	Upper
146	100		
111	40.1	35.0	52.4
148	65.0	51.3	76.9

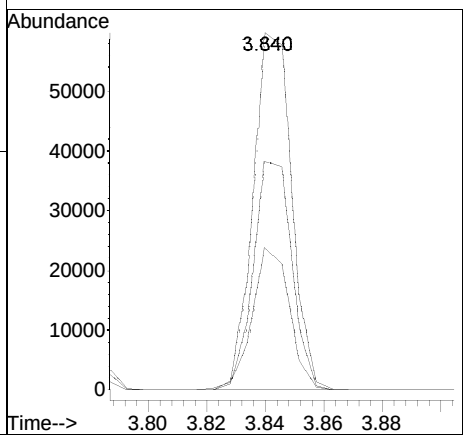


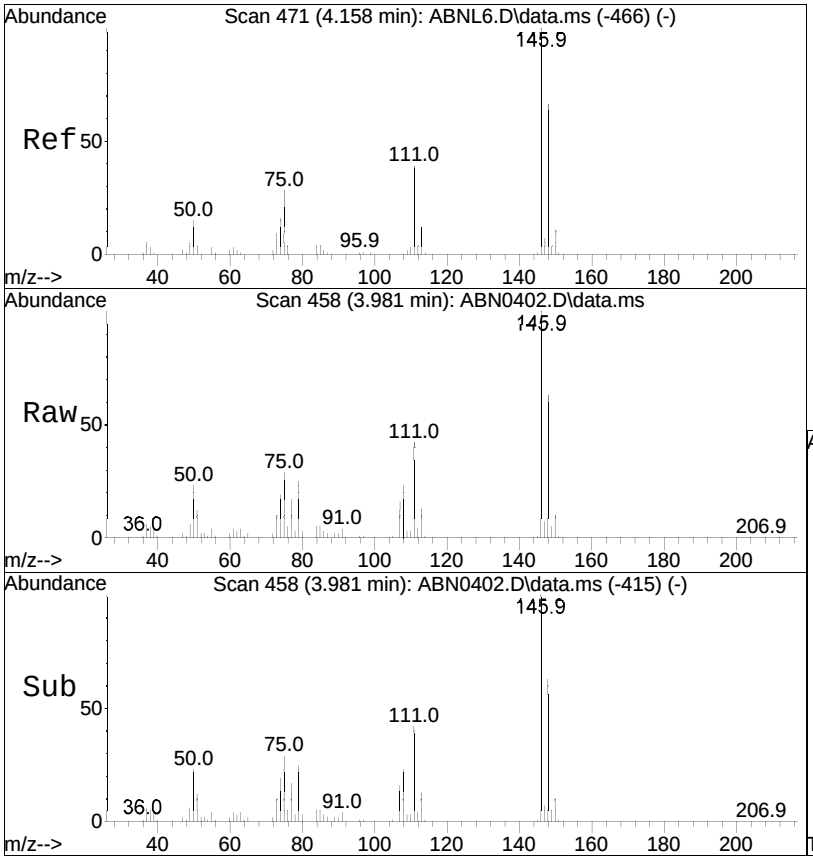


#11
1,4-Dichlorobenzene
Concen: 5.15 ug/ml
RT: 3.840 min Scan# 434
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:146 Resp: 54206

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	38.7	34.4	51.6

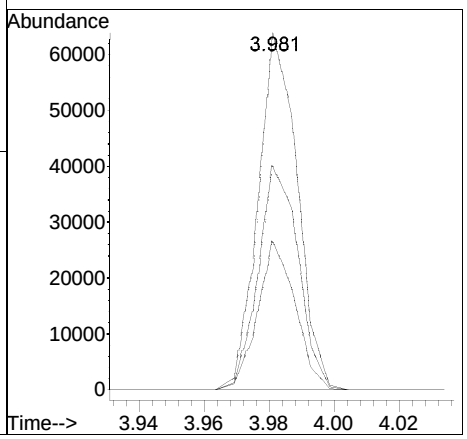


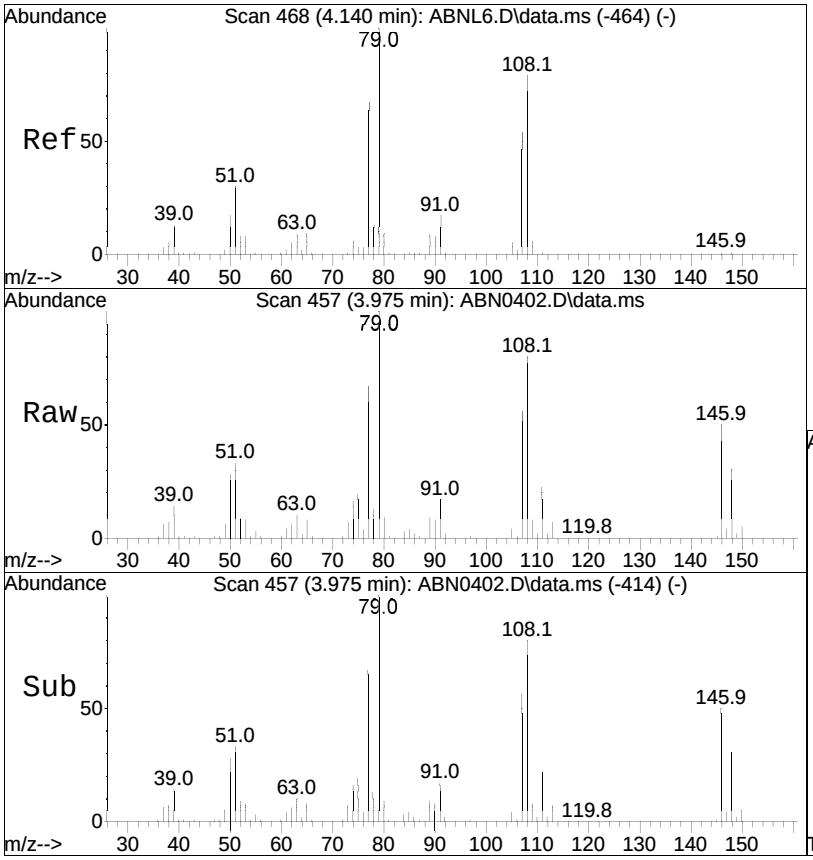


#12
1,2-Dichlorobenzene
Concen: 5.27 ug/ml
RT: 3.981 min Scan# 458
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:146 Resp: 53001

Ion	Ratio	Lower	Upper
146	100		
111	40.1	35.5	53.3
148	64.2	50.6	76.0

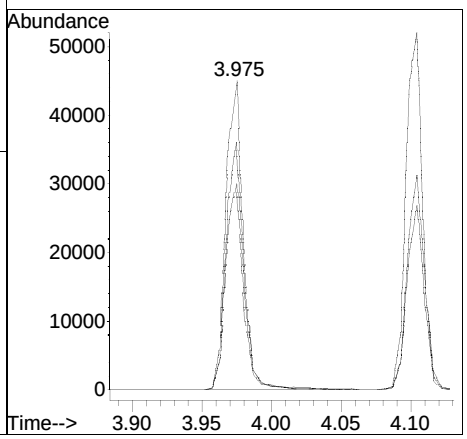


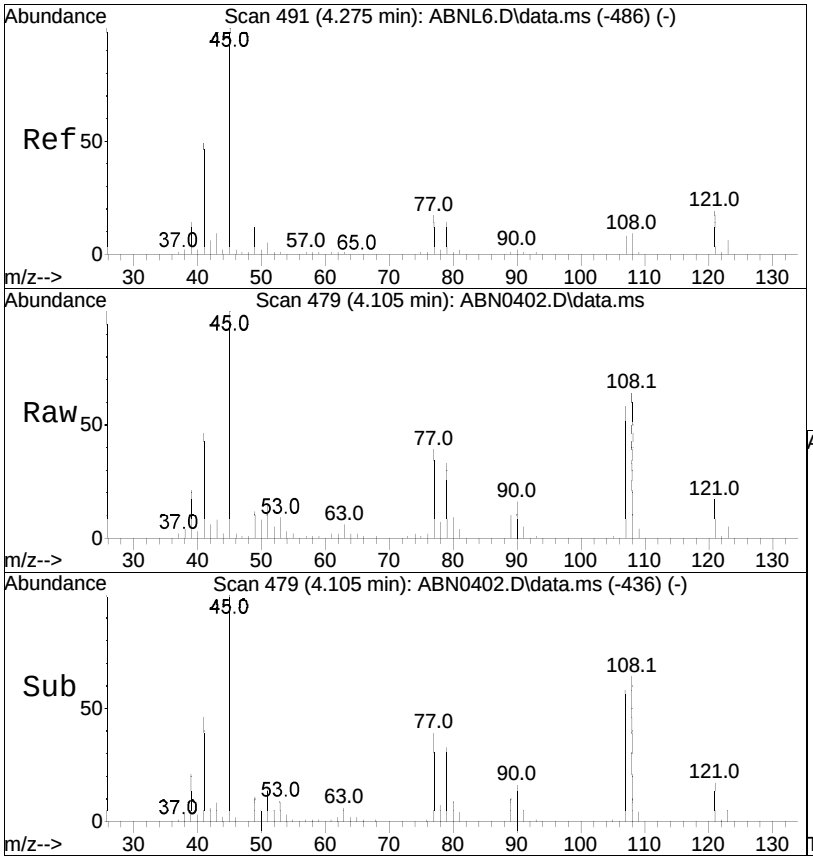


#13
Benzyl alcohol
Concen: 5.49 ug/ml
RT: 3.975 min Scan# 457
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 79 Resp: 39003

Ion	Ratio	Lower	Upper
79	100		
77	67.4	51.8	77.6
108	80.0	63.9	95.9

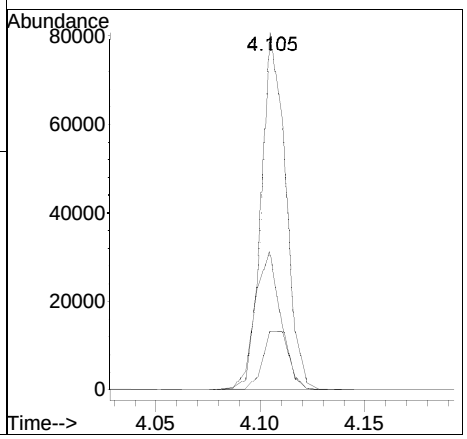


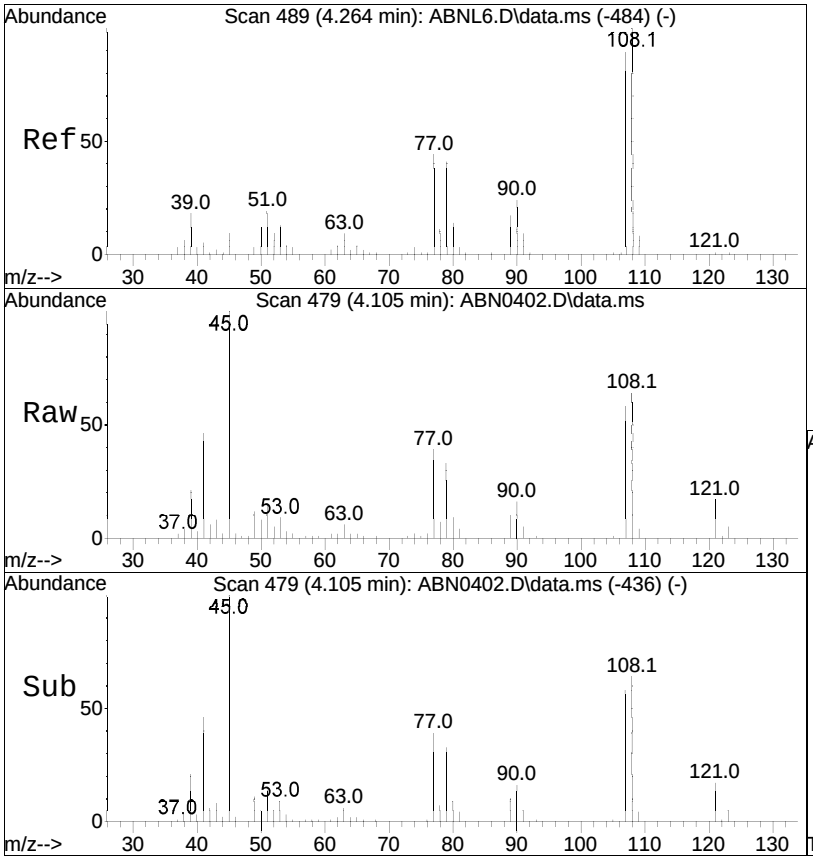


#14
Bis(2-chloroisopropyl)ether
Concen: 5.36 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 45 Resp: 65011

Ion	Ratio	Lower	Upper
45	100		
121	18.0	14.8	22.2
77	41.6	10.5	15.7#

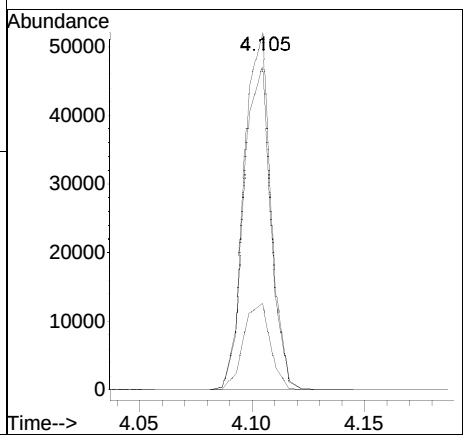


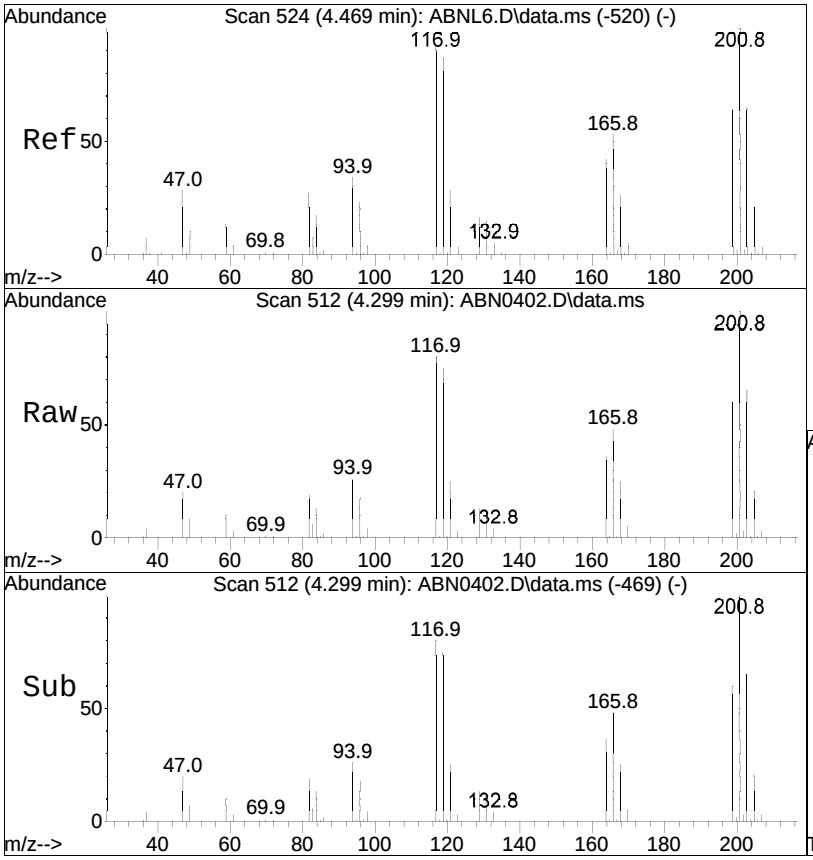


#15
2-Methylphenol
Concen: 5.72 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:108 Resp: 42936

Ion	Ratio	Lower	Upper
108	100		
107	90.7	71.0	106.4
90	24.4	19.7	29.5

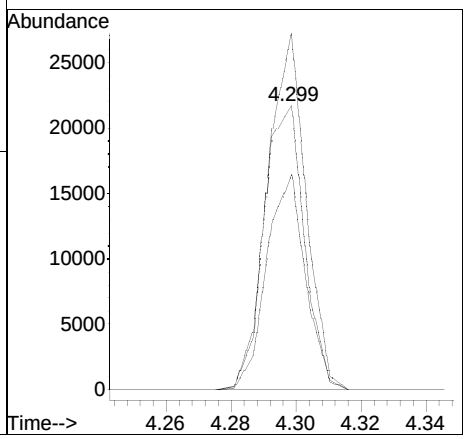


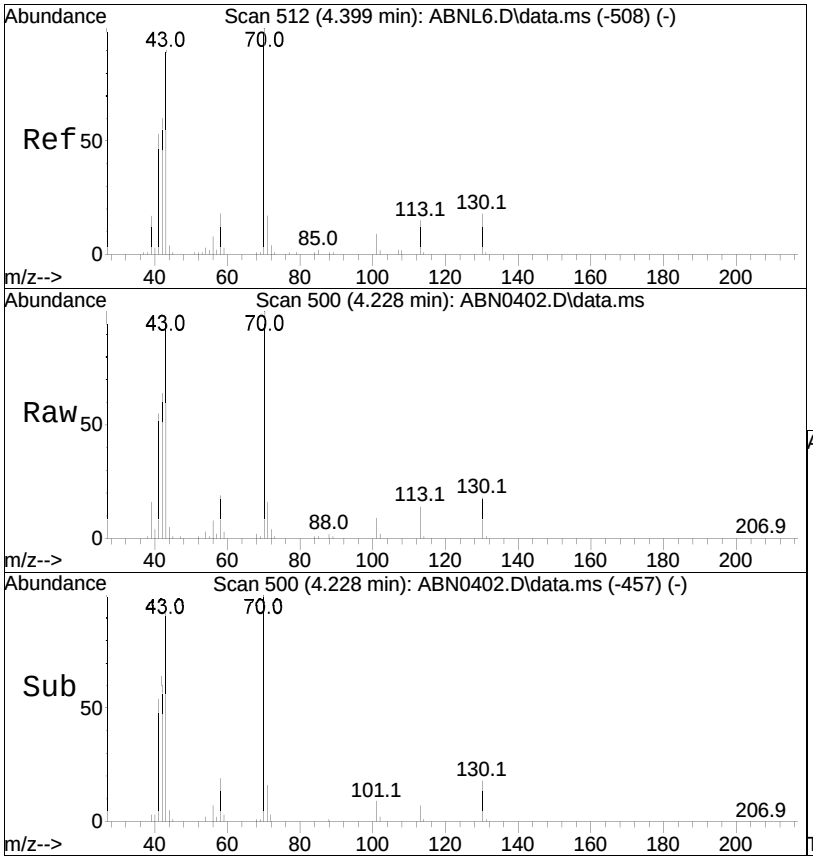


#16
Hexachloroethane
Concen: 4.97 ug/ml
RT: 4.299 min Scan# 512
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:117 Resp: 18770

Ion	Ratio	Lower	Upper
117	100		
201	118.3	64.4	96.6#
199	72.6	40.5	60.7#

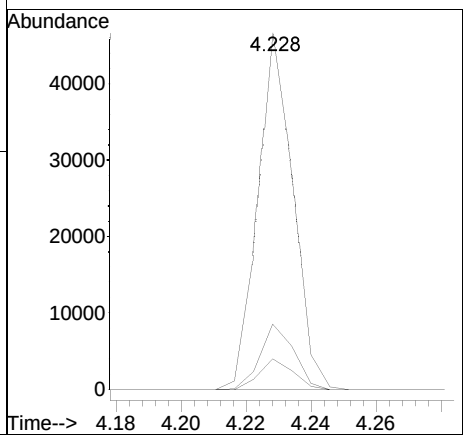


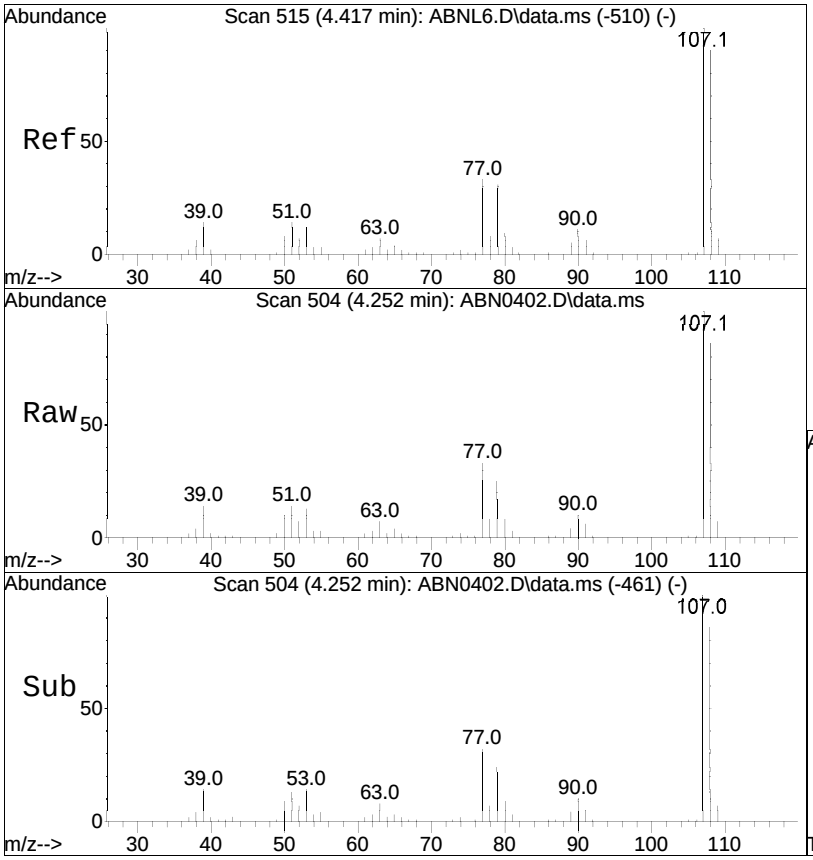


#17
n-Nitrosodi-n-propylamine
Concen: 5.39 ug/ml
RT: 4.228 min Scan# 500
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 70 Resp: 34895

Ion	Ratio	Lower	Upper
70	100		
130	17.7	16.2	24.4
101	8.4	7.6	11.4

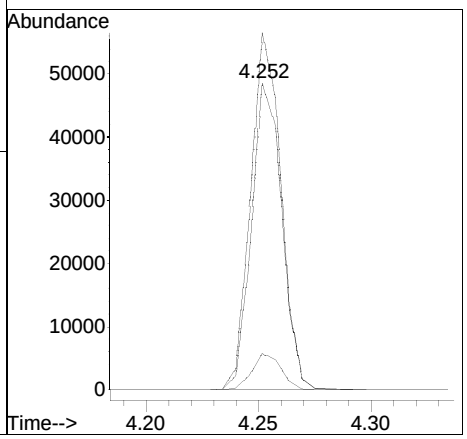


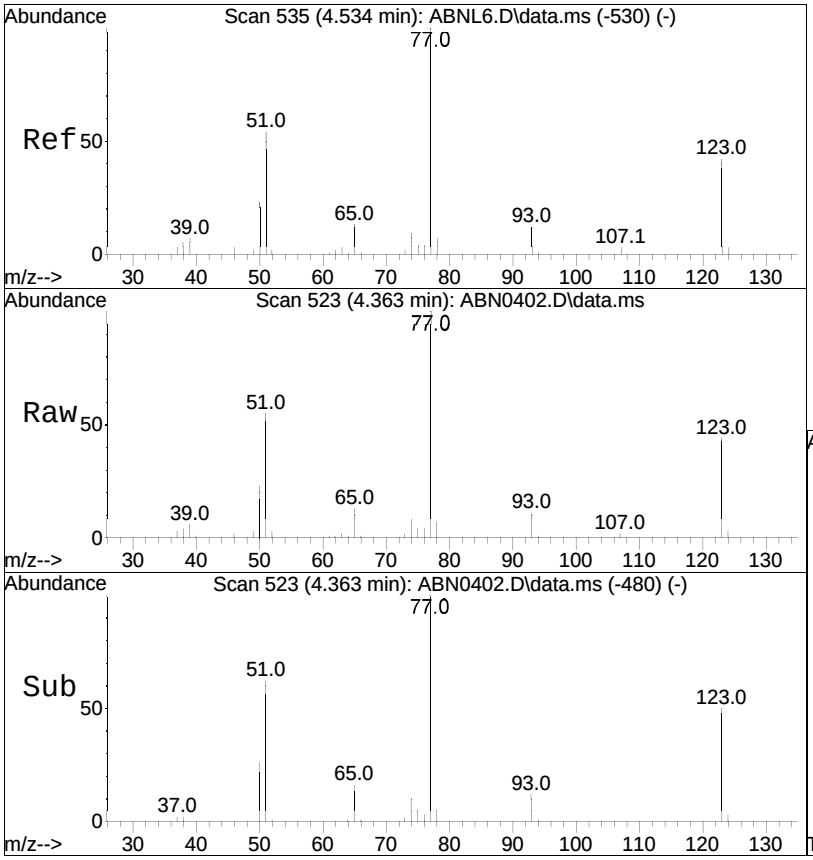


#18
3-Methylphenol/4-Methylphenol
Concen: 5.64 ug/ml
RT: 4.252 min Scan# 504
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:108 Resp: 45403

Ion	Ratio	Lower	Upper
108	100		
107	116.3	88.8	133.2
90	11.4	9.0	13.6

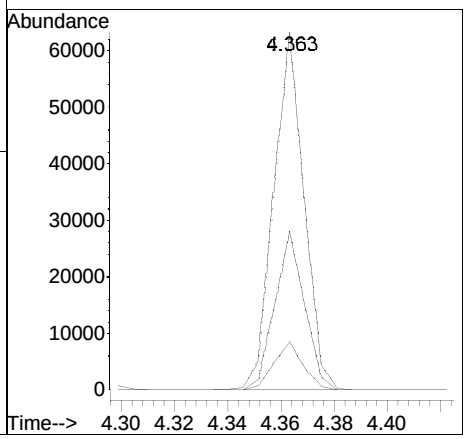


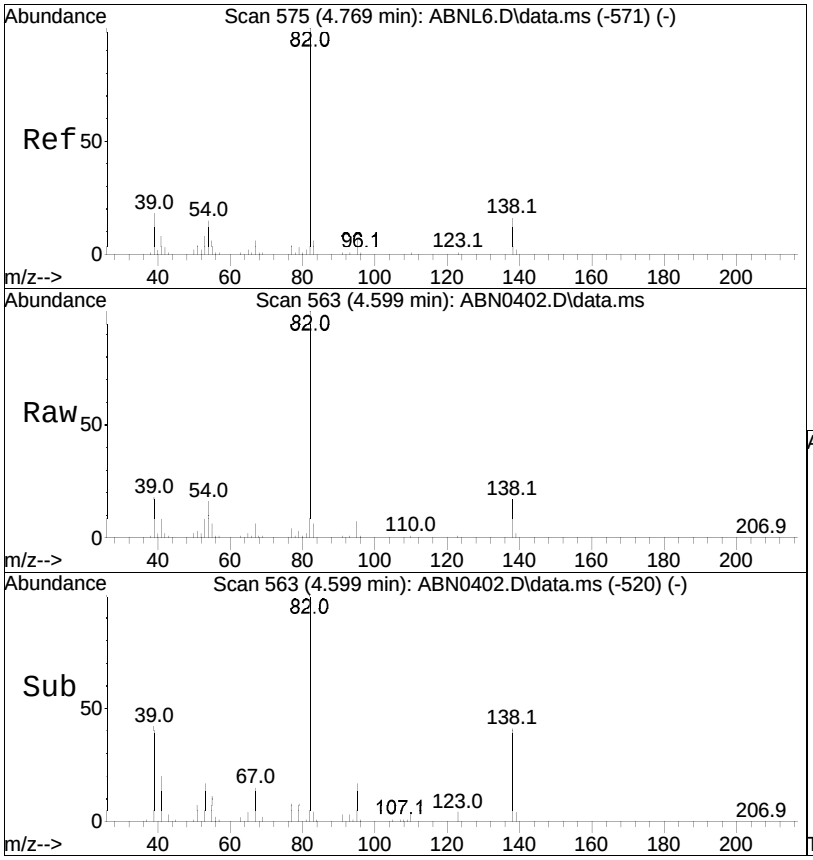


#20
Nitrobenzene
Concen: 5.82 ug/ml
RT: 4.363 min Scan# 523
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 77 Resp: 49378

Ion	Ratio	Lower	Upper
77	100		
123	43.5	37.3	55.9
65	13.1	10.9	16.3

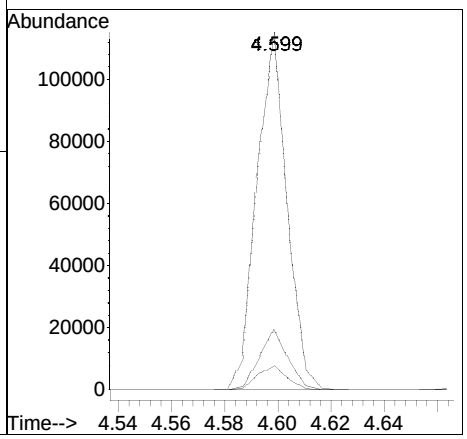


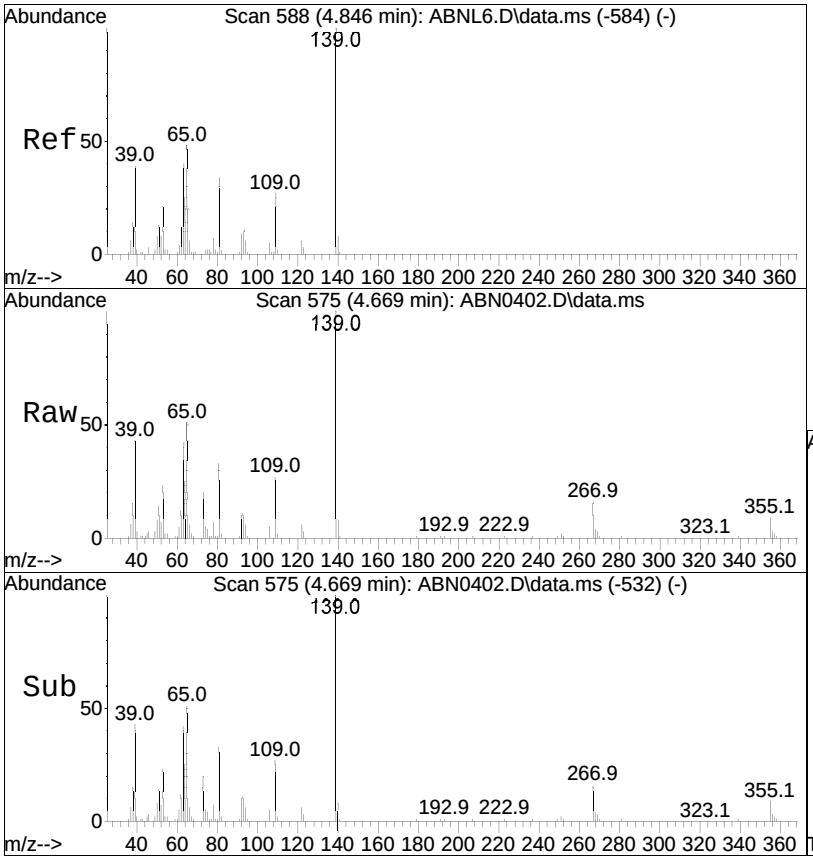


#21
Isophorone
Concen: 4.85 ug/ml
RT: 4.599 min Scan# 563
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 82 Resp: 89443

Ion	Ratio	Lower	Upper
82	100		
138	16.1	13.0	19.4
95	6.8	5.5	8.3

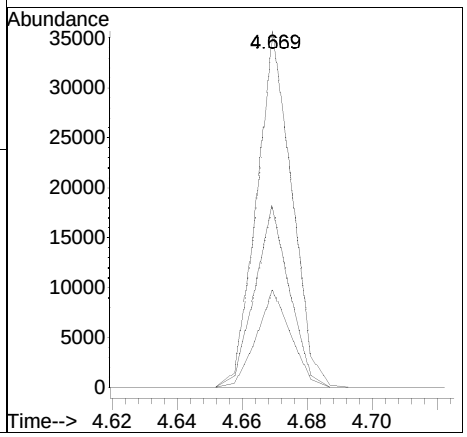


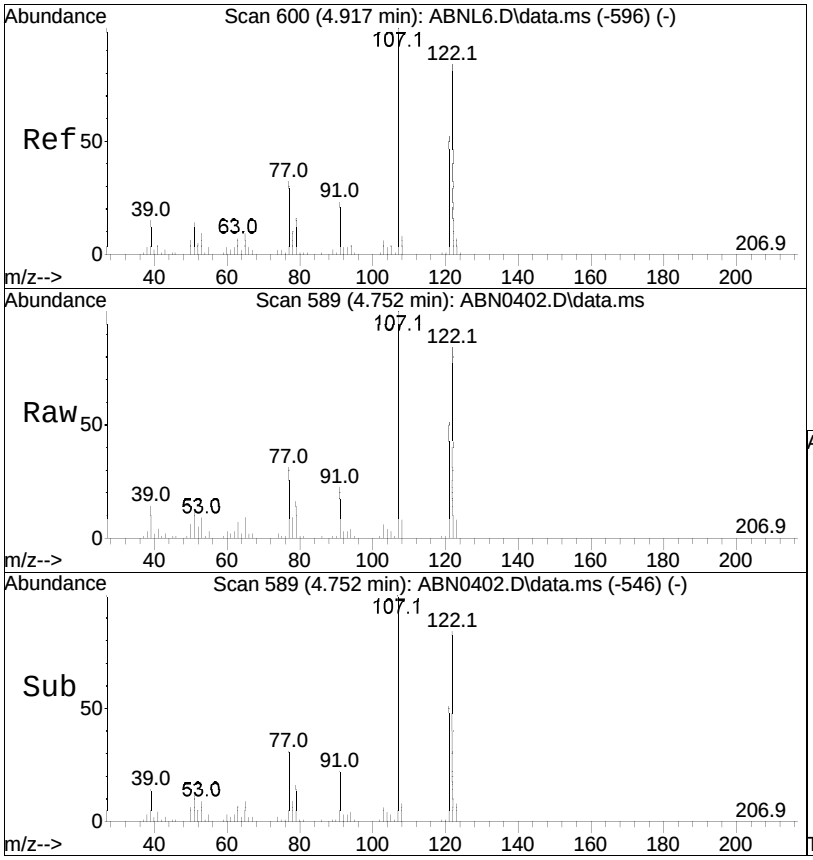


#22
2-Nitrophenol
Concen: 7.20 ug/ml
RT: 4.669 min Scan# 575
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:139 Resp: 26637

Ion	Ratio	Lower	Upper
139	100		
109	26.9	23.1	34.7
65	50.7	41.4	62.2

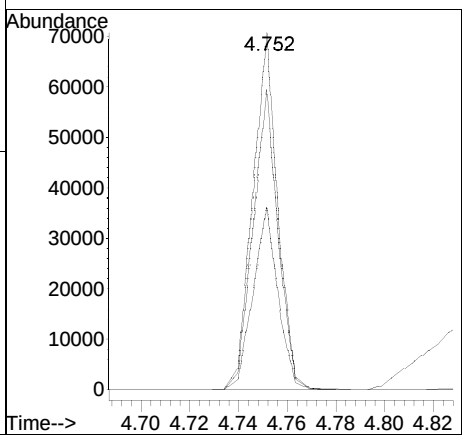


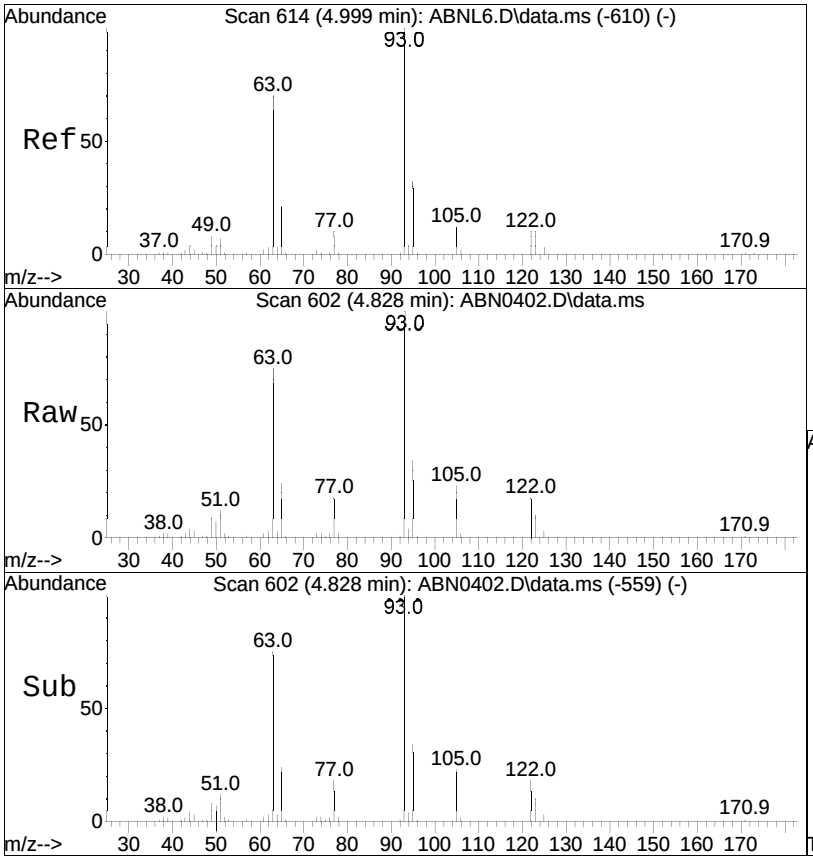


#23
2,4-Dimethylphenol
Concen: 5.62 ug/ml
RT: 4.752 min Scan# 589
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:107 Resp: 49807

Ion	Ratio	Lower	Upper
107	100		
121	51.4	41.3	61.9
122	84.4	69.3	103.9

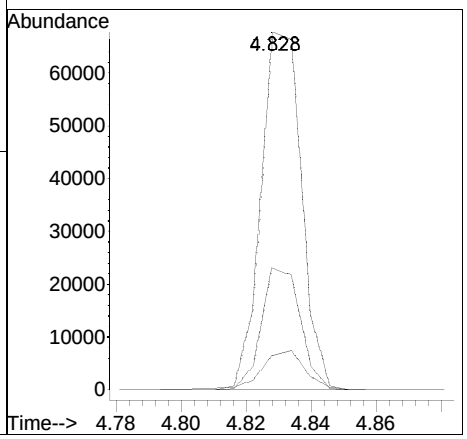


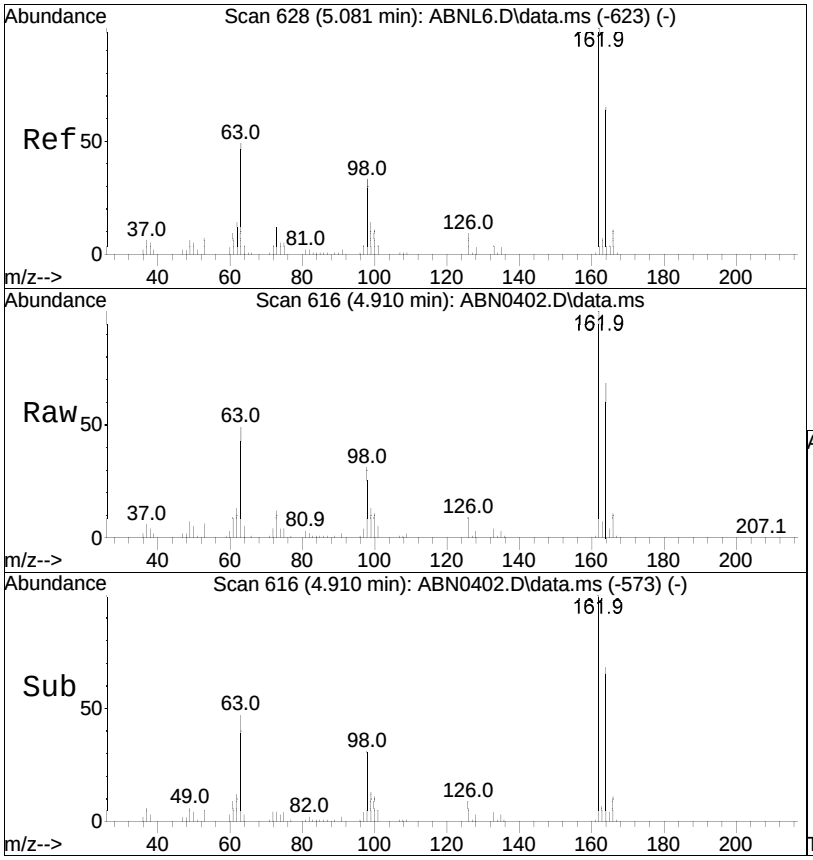


#24
Bis(2-chloroethoxy)methane
Concen: 5.09 ug/ml
RT: 4.828 min Scan# 602
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 93 Resp: 58154

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	12.2	9.6	14.4

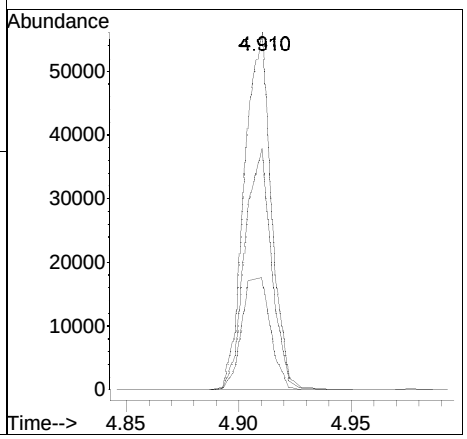


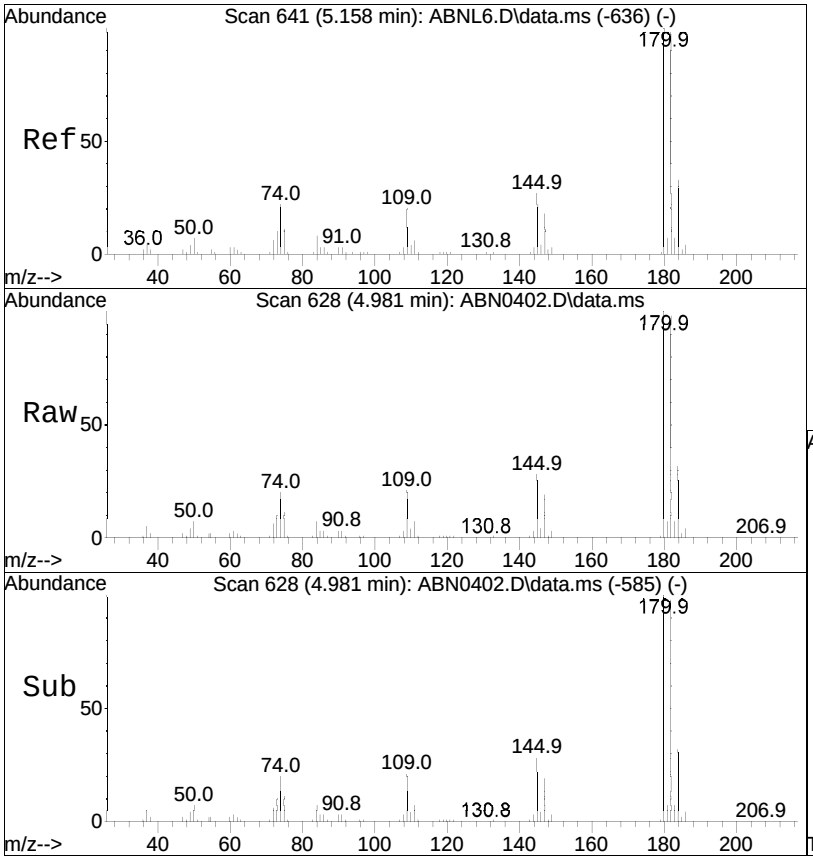


#25
2,4-Dichlorophenol
Concen: 5.52 ug/ml
RT: 4.910 min Scan# 616
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:162 Resp: 46278

Ion	Ratio	Lower	Upper
162	100		
164	66.6	51.1	76.7
98	33.6	32.2	48.2

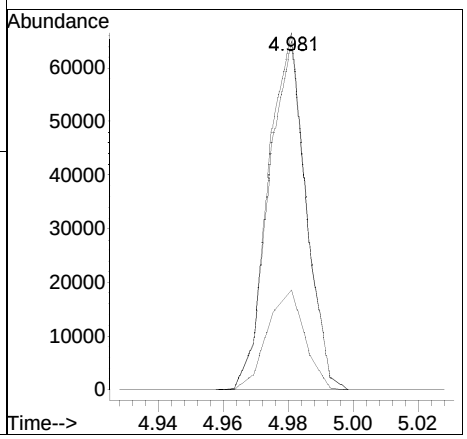


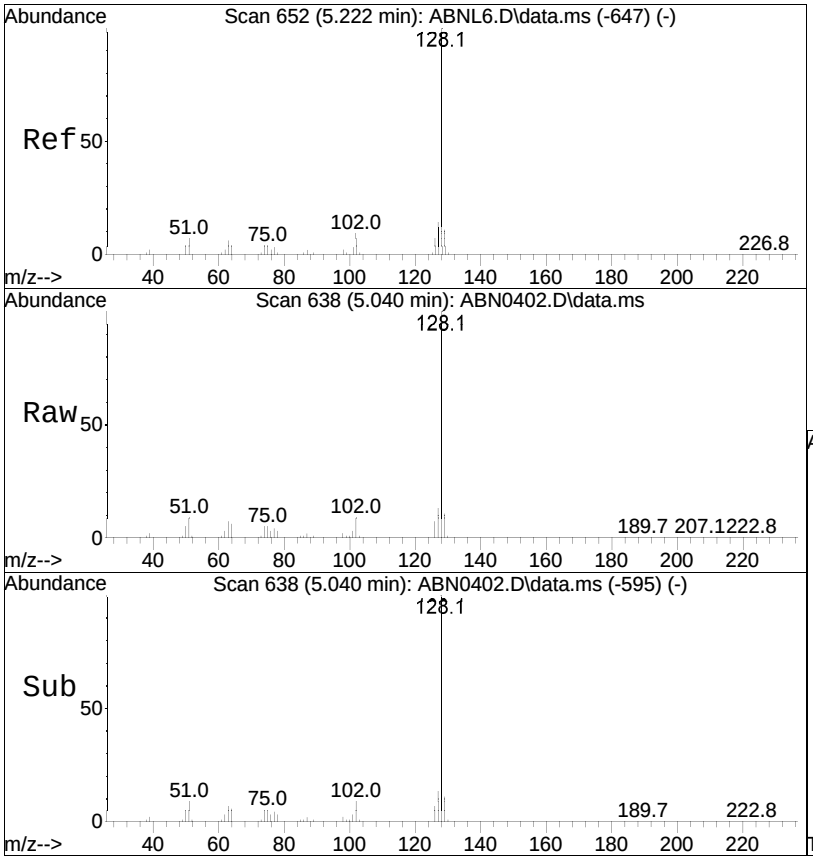


#26
1,2,4-Trichlorobenzene
Concen: 5.13 ug/ml
RT: 4.981 min Scan# 628
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:180 Resp: 53605

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
145	27.9	26.3	39.5

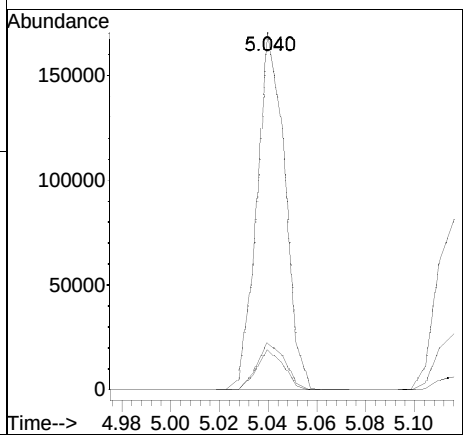


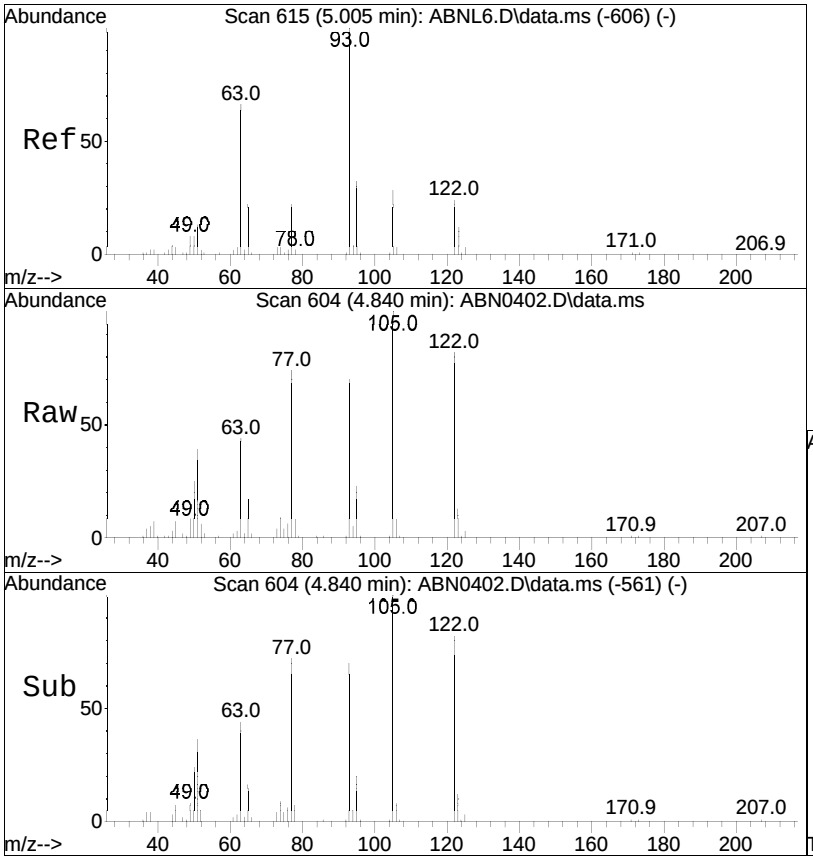


#36
Naphthalene
Concen: 4.81 ug/ml
RT: 5.040 min Scan# 638
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:128 Resp: 134840

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.5	10.6	15.8

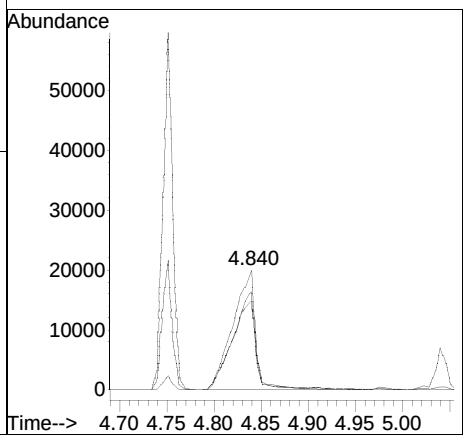


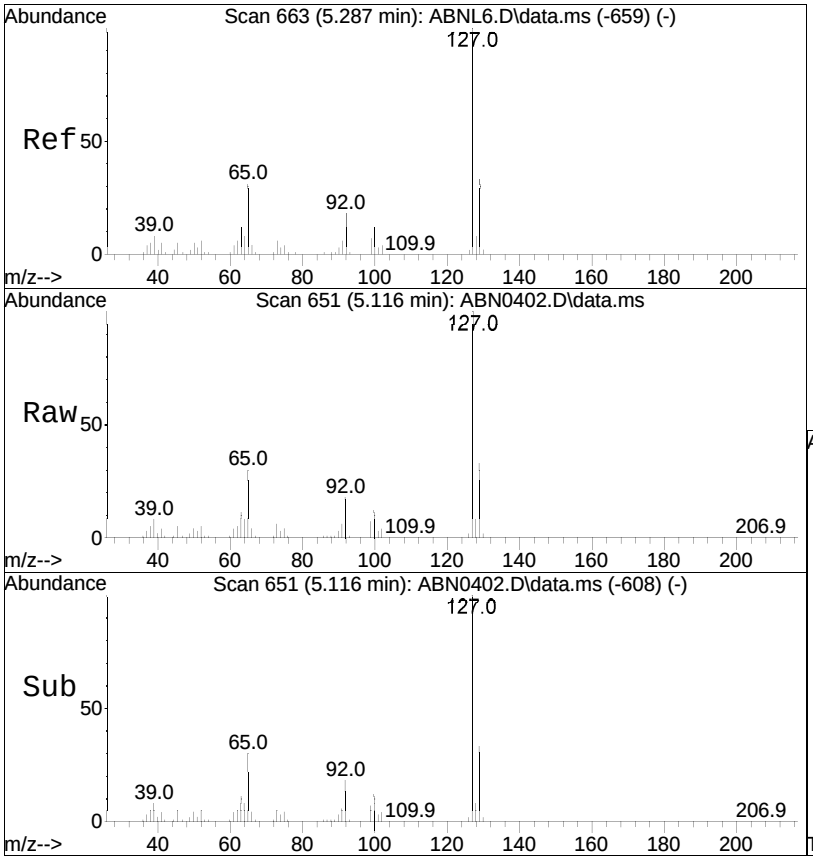


#37
Benzoic Acid
Concen: 5.95 ug/ml
RT: 4.840 min Scan# 604
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:105 Resp: 34398

Ion	Ratio	Lower	Upper
105	100		
122	80.7	62.6	93.8
77	75.9	59.1	88.7

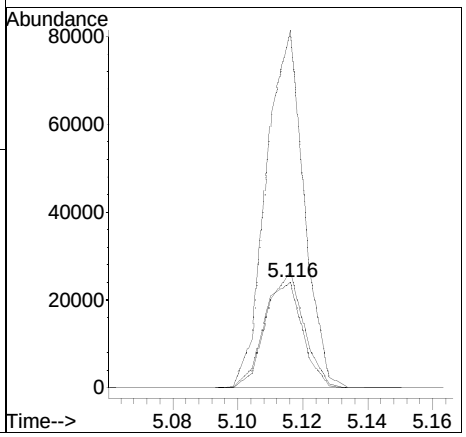


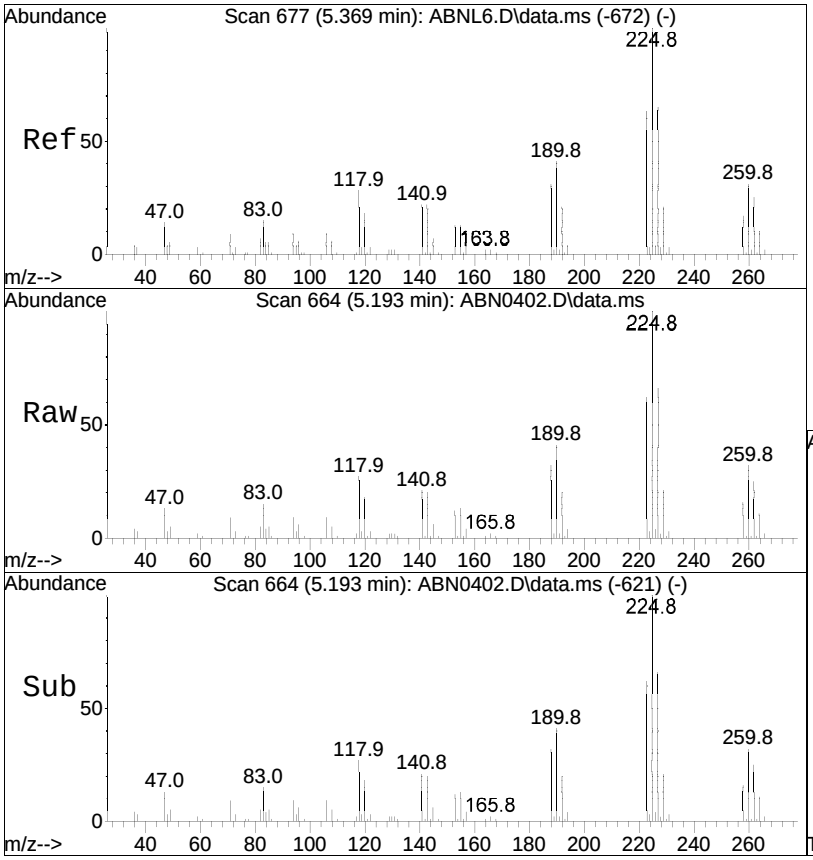


#38
4-Chloroaniline
Concen: 5.42 ug/ml
RT: 5.116 min Scan# 651
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 65 Resp: 20024

Ion	Ratio	Lower	Upper
65	100		
127	325.1	266.2	399.4
129	105.6	85.0	127.4

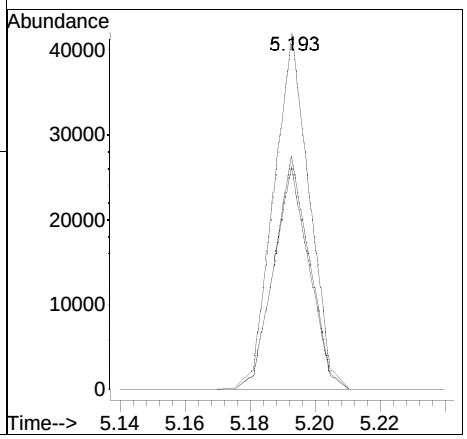


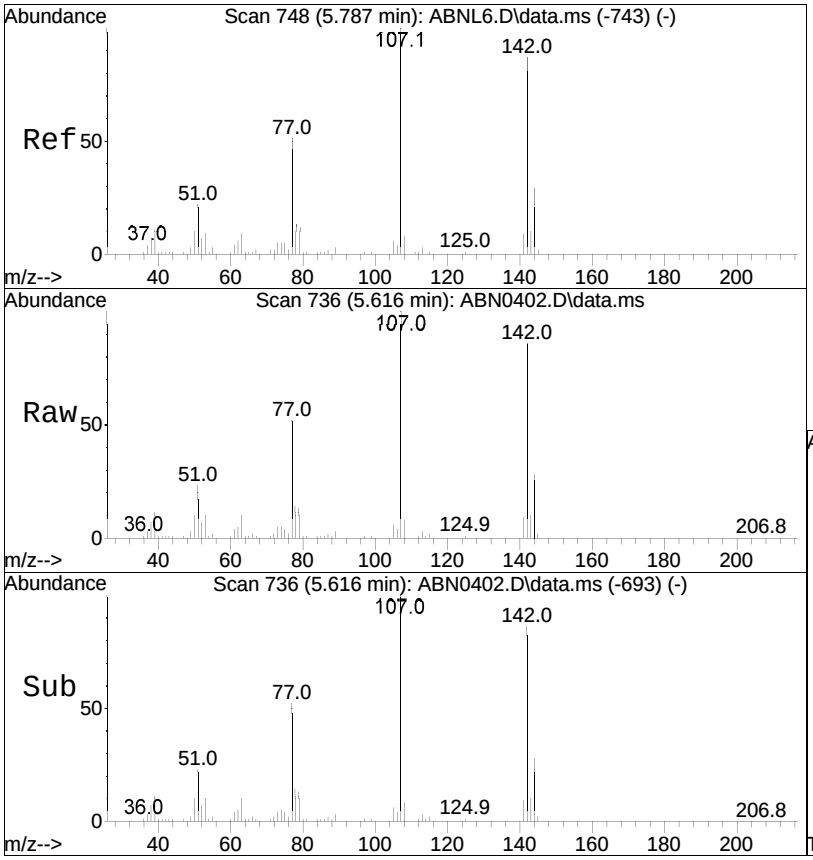


#39
Hexachlorobutadiene
Concen: 4.64 ug/ml
RT: 5.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:225 Resp: 31808

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.5	75.7
227	65.6	50.4	75.6

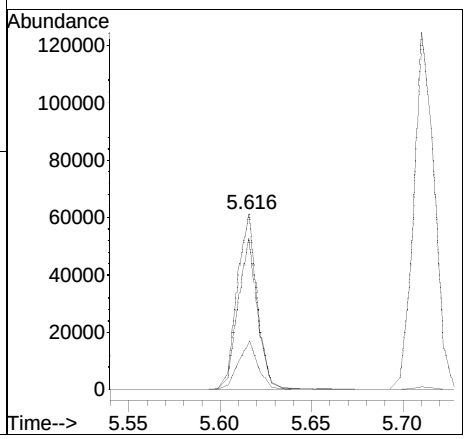


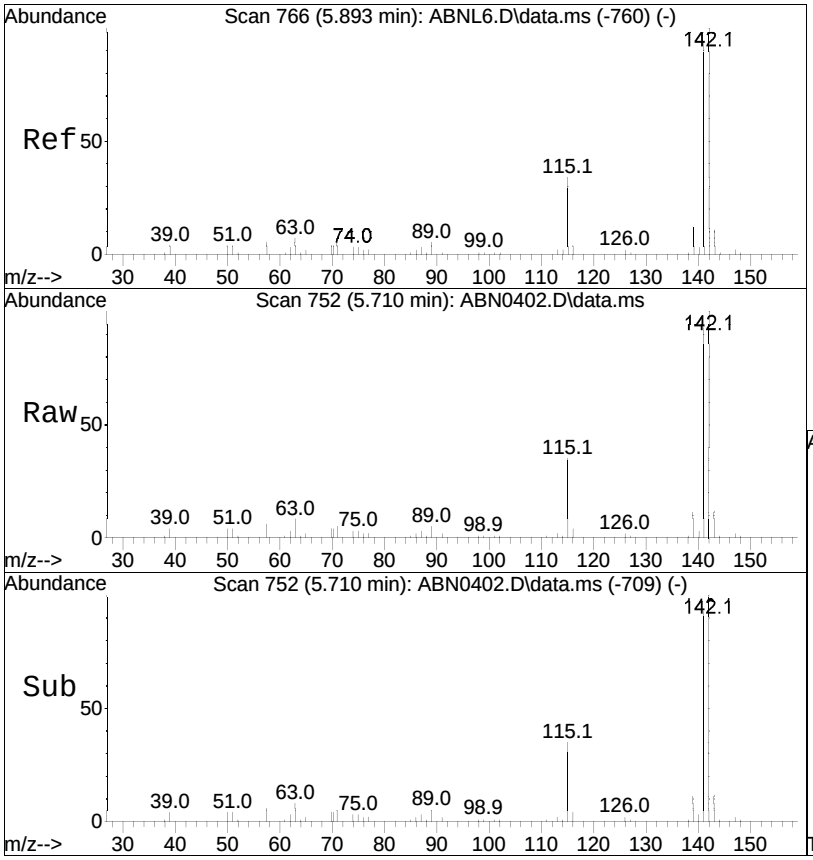


#40
p-Chloro-m-cresol
Concen: 5.65 ug/ml
RT: 5.616 min Scan# 736
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:107 Resp: 46893

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.3	30.5
142	83.7	63.8	95.6

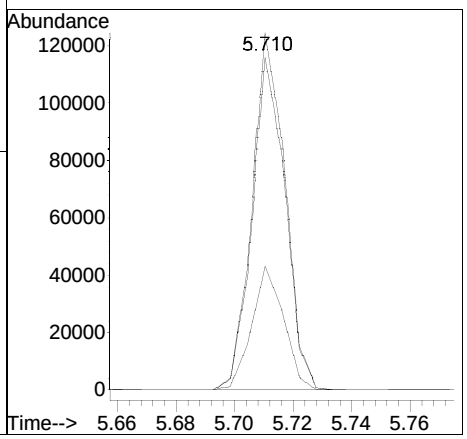


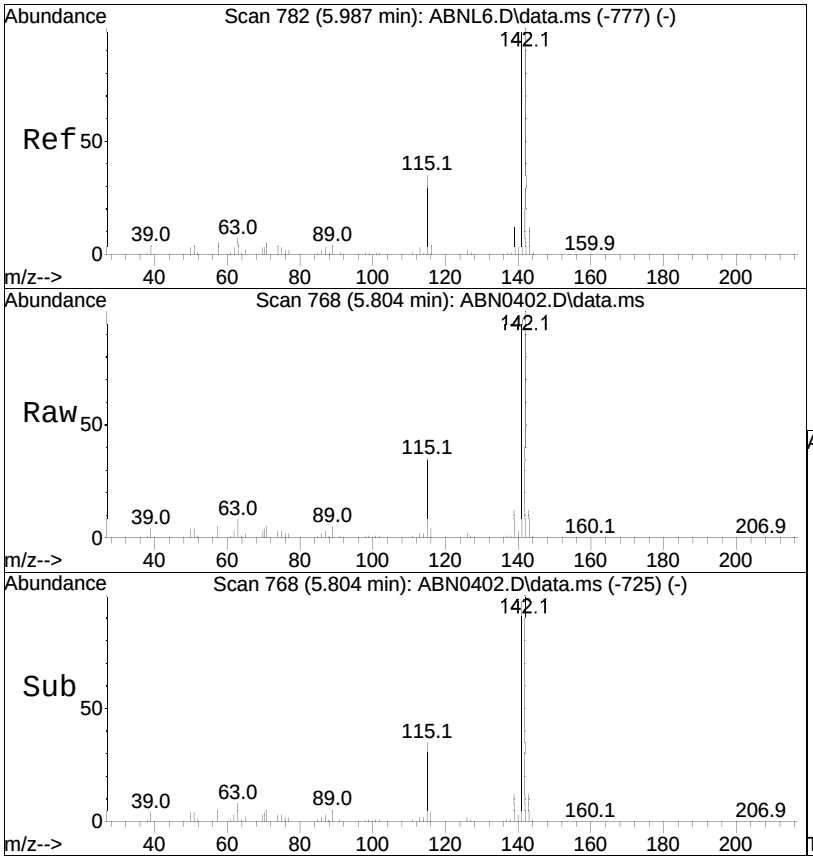


#41
2-Methylnaphthalene
Concen: 5.11 ug/ml
RT: 5.710 min Scan# 752
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:142 Resp: 96897

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.2	108.4
115	33.7	27.8	41.6

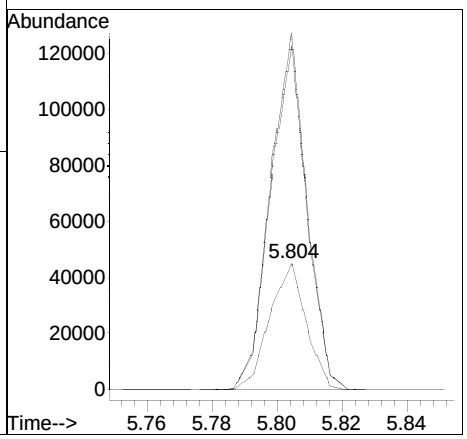


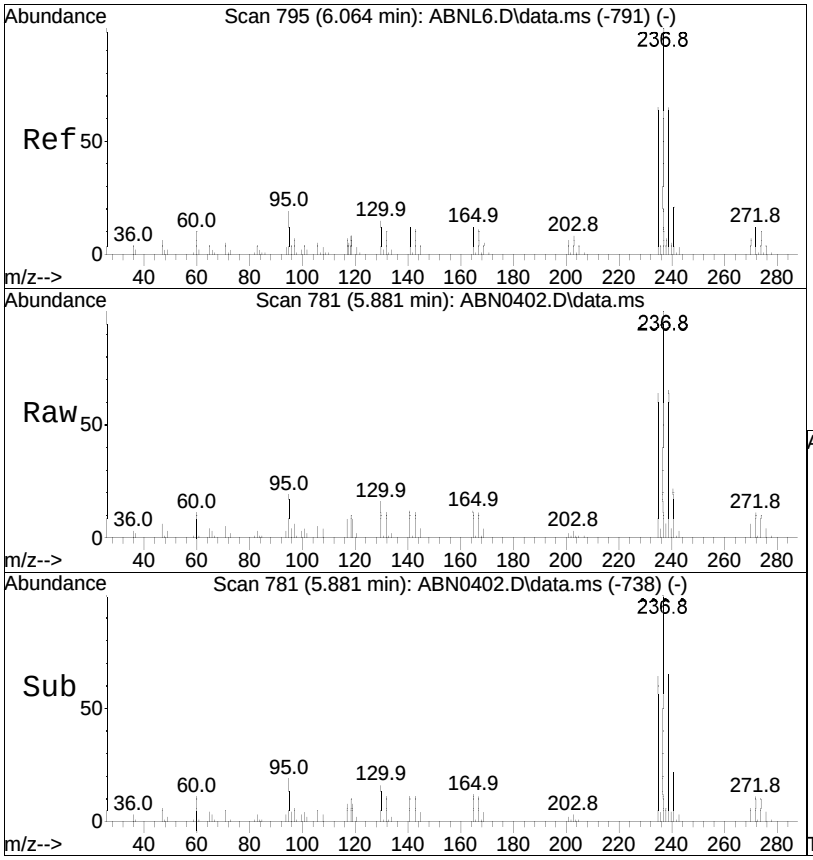


#42
1-Methylnaphthalene
Concen: 5.15 ug/ml
RT: 5.804 min Scan# 768
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:115 Resp: 35336

Ion	Ratio	Lower	Upper
115	100		
141	269.1	205.4	308.2
142	280.2	220.2	330.4

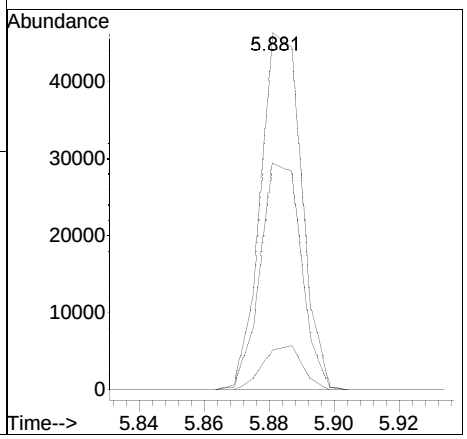


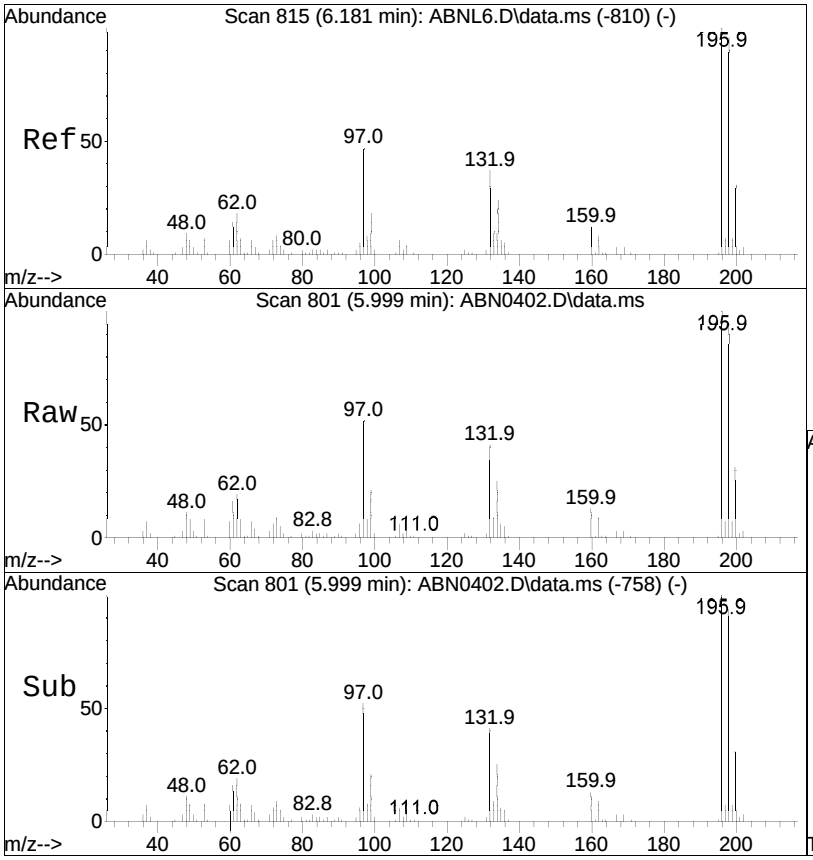


#43
Hexachlorocyclopentadiene
Concen: 5.12 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:237 Resp: 40598

Ion	Ratio	Lower	Upper
237	100		
235	63.6	50.9	76.3
272	12.1	10.1	15.1

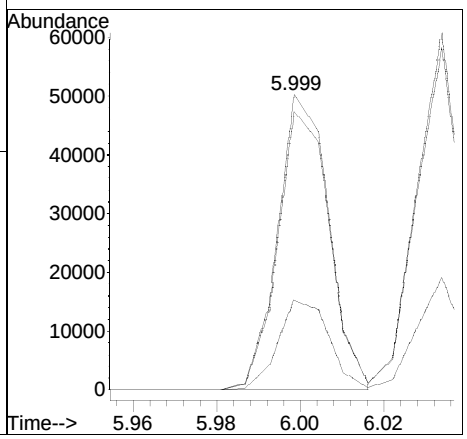


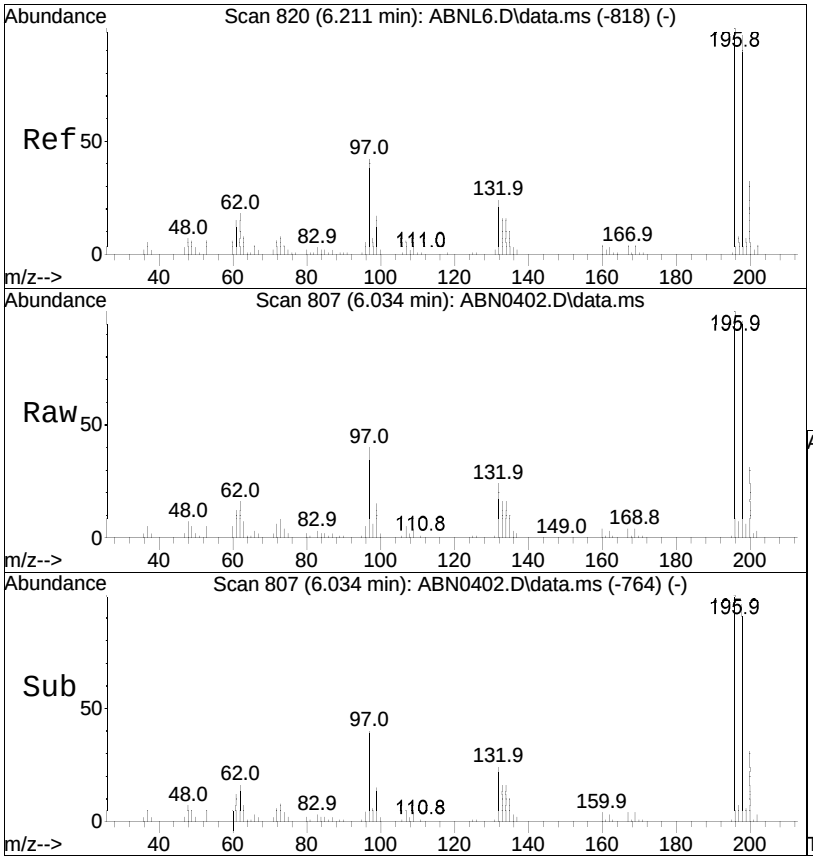


#44
2,4,6-Trichlorophenol
Concen: 5.68 ug/ml
RT: 5.999 min Scan# 801
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:196 Resp: 42701

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.4	114.6
200	30.4	24.4	36.6

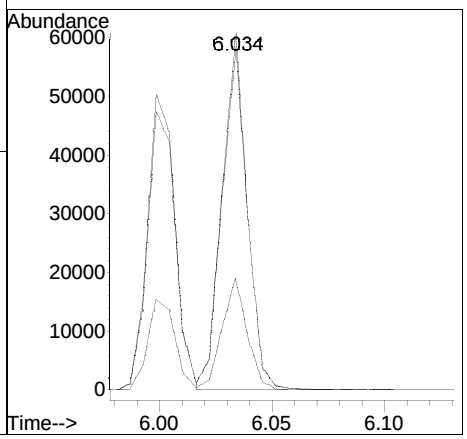


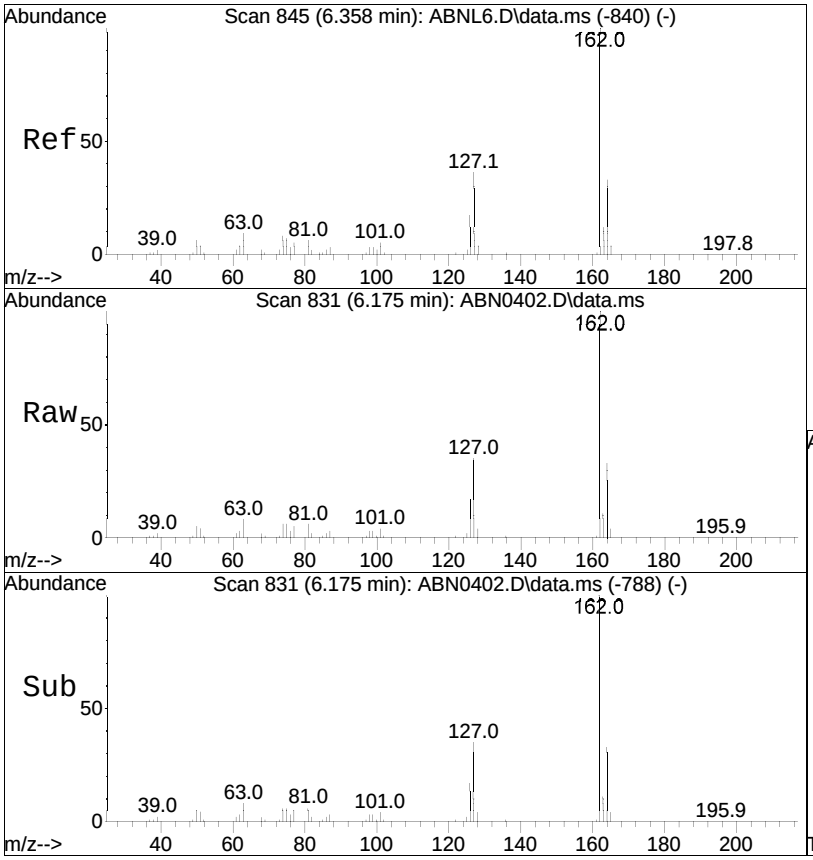


#45
2,4,5-Trichlorophenol
Concen: 5.84 ug/ml
RT: 6.034 min Scan# 807
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:196 Resp: 47009

Ion	Ratio	Lower	Upper
196	100		
200	31.2	24.2	36.4
198	96.9	76.2	114.2

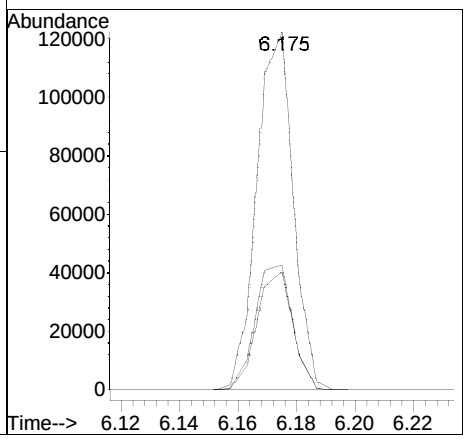


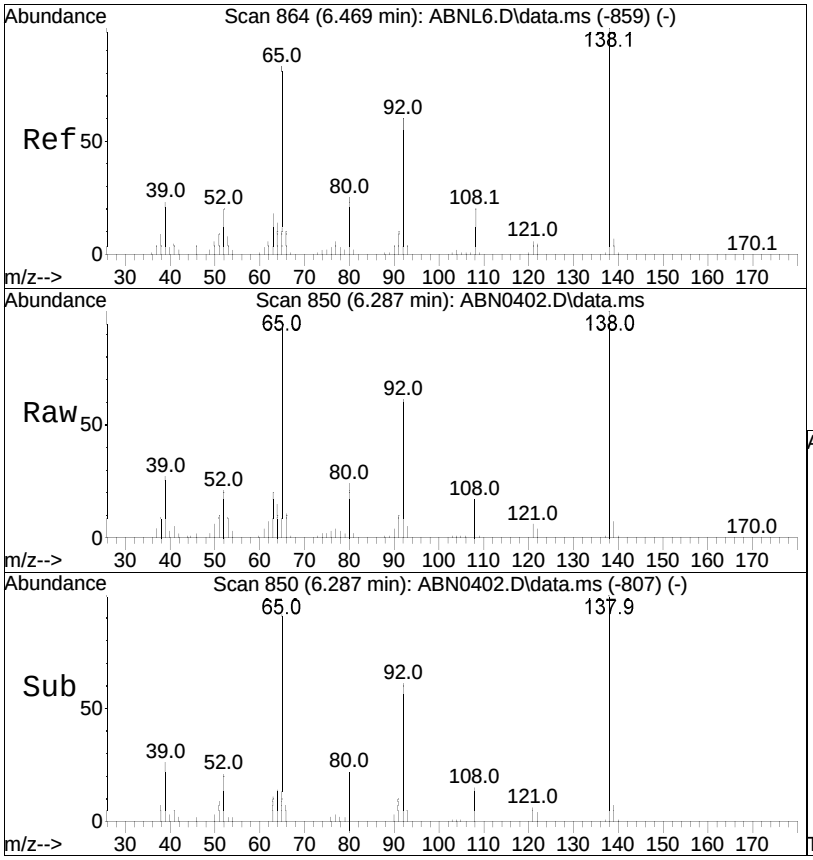


#47
2-Chloronaphthalene
Concen: 4.76 ug/ml
RT: 6.175 min Scan# 831
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:162 Resp: 104690

Ion	Ratio	Lower	Upper
162	100		
127	36.1	33.8	50.6
164	32.8	25.8	38.6

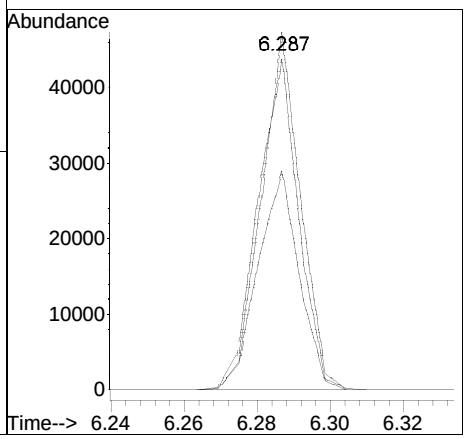


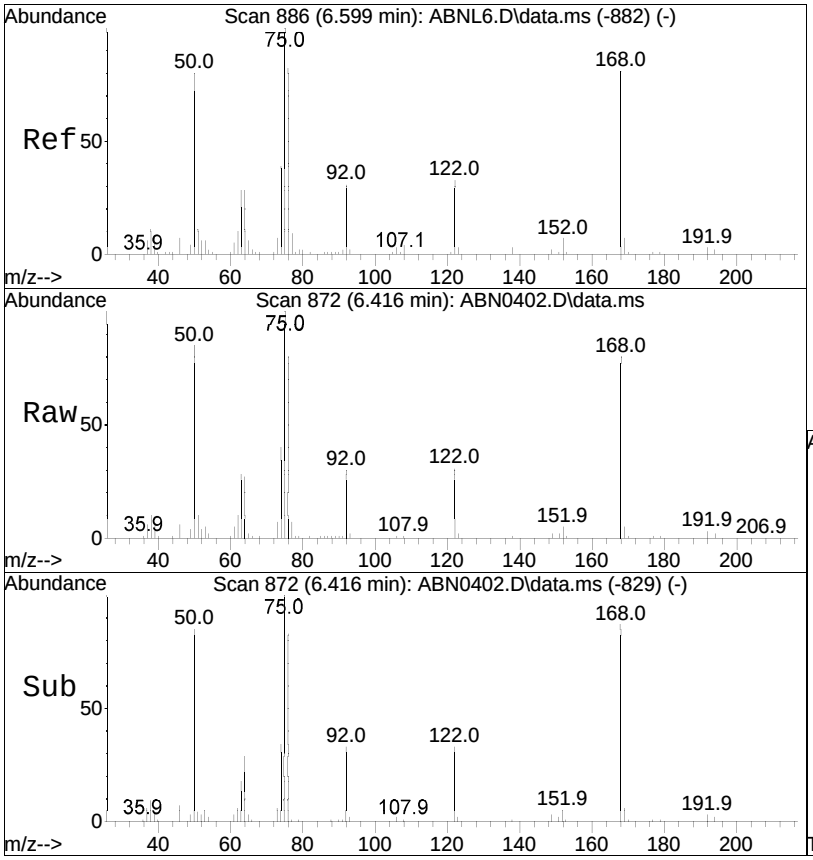


#48
2-Nitroaniline
Concen: 6.59 ug/ml
RT: 6.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:138 Resp: 34817

Ion	Ratio	Lower	Upper
138	100		
92	64.6	52.1	78.1
65	96.3	75.9	113.9

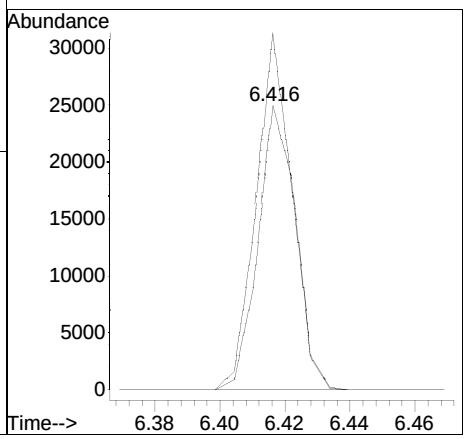


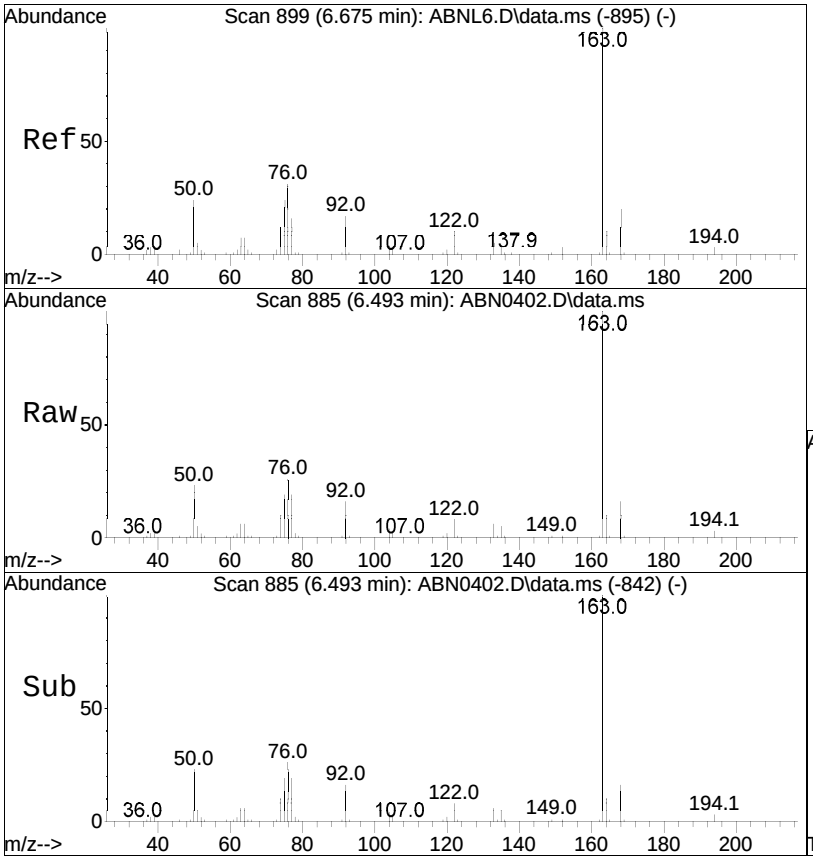


#49
1,4-Dinitrobenzene
Concen: 7.75 ug/ml
RT: 6.416 min Scan# 872
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:168 Resp: 20025

Ion	Ratio	Lower	Upper
168	100		
75	119.3	111.0	166.4

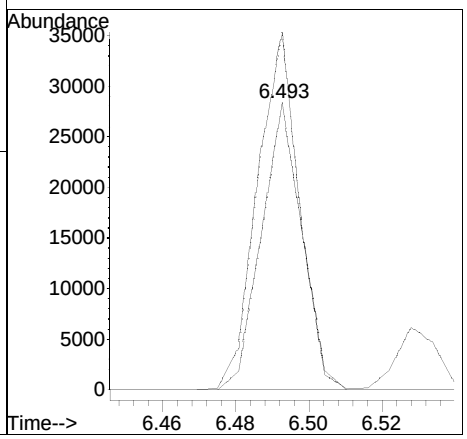


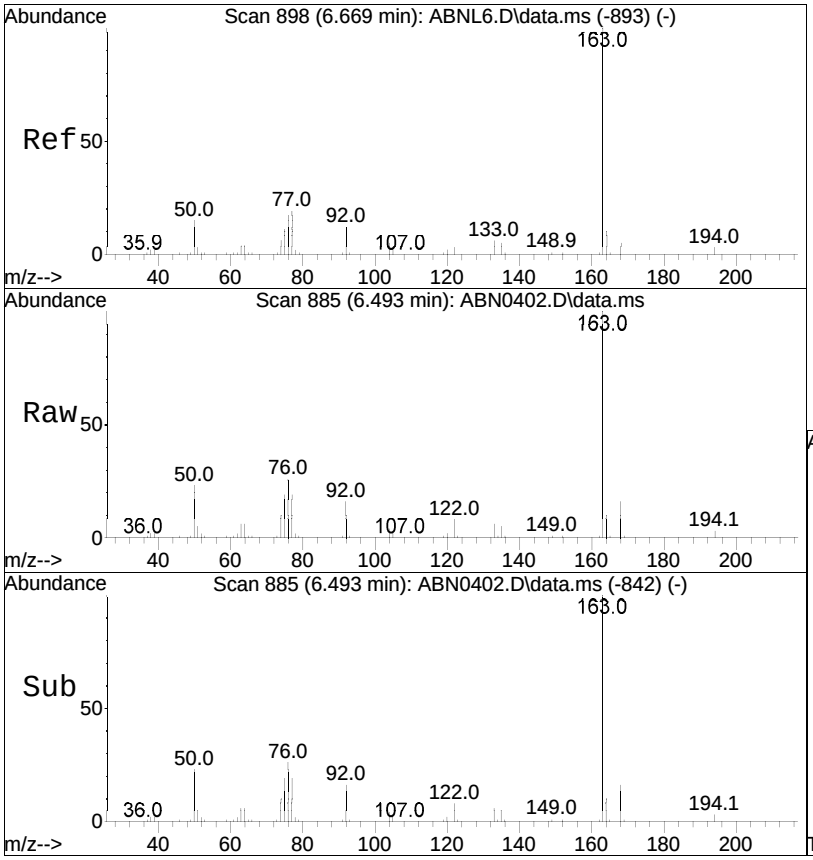


#50
1,3-Dinitrobenzene
Concen: 6.94 ug/ml
RT: 6.493 min Scan# 885
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:168 Resp: 21650

Ion	Ratio	Lower	Upper
168	100		
75	128.2	116.4	174.6

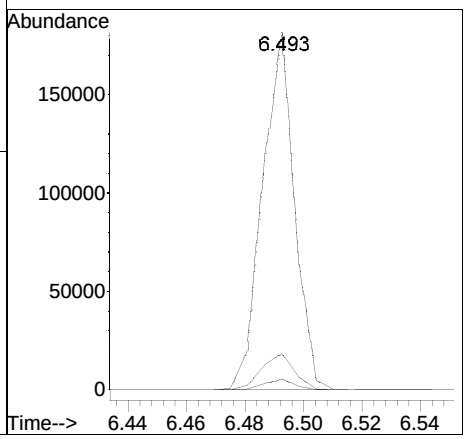


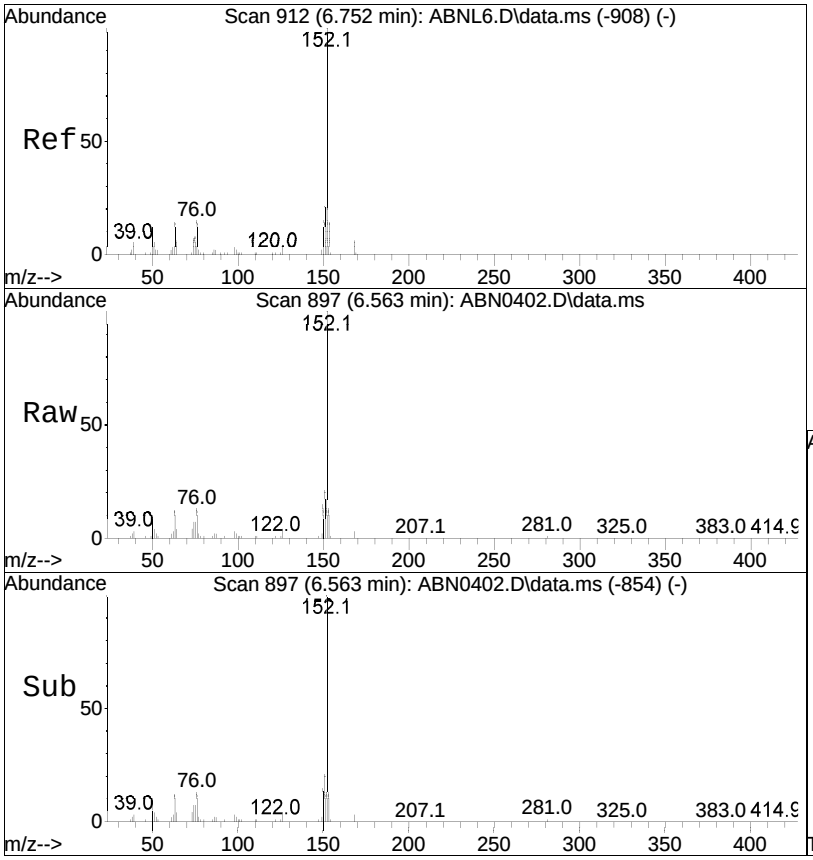


#51
Dimethyl phthalate
Concen: 4.81 ug/ml
RT: 6.493 min Scan# 885
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:163 Resp: 136062

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.3	3.5
164	10.5	8.2	12.2

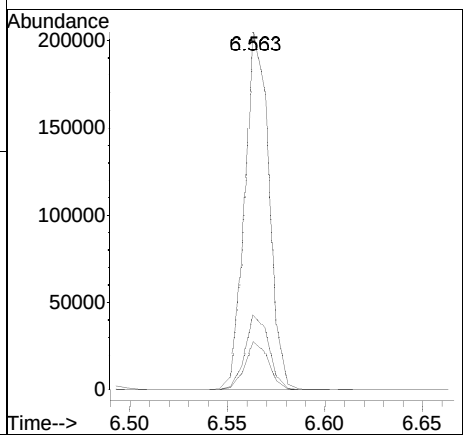


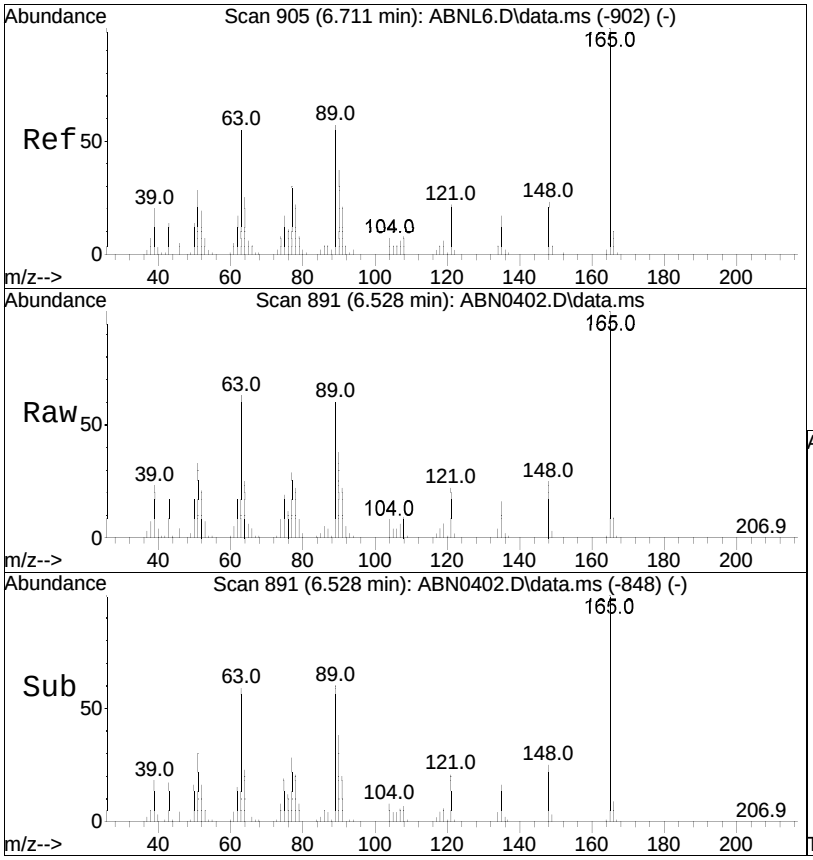


#52
Acenaphthylene
Concen: 4.95 ug/ml
RT: 6.563 min Scan# 897
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:152 Resp: 174951

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.2	10.5	15.7

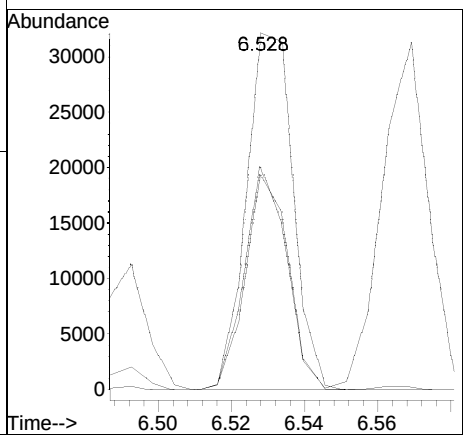


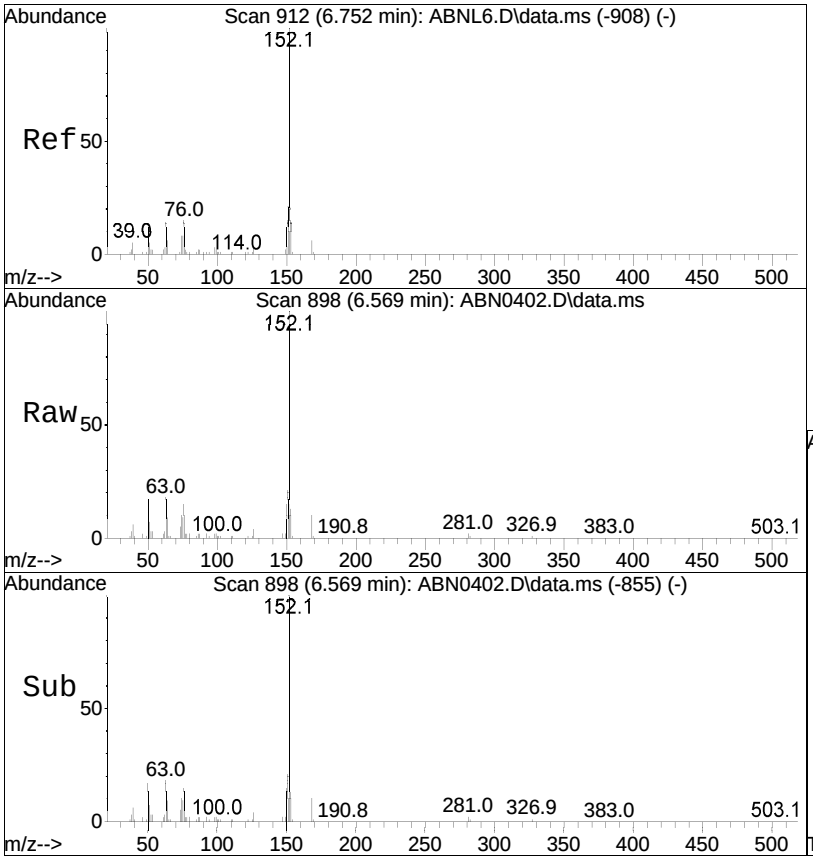


#53
2,6-Dinitrotoluene
Concen: 5.93 ug/ml
RT: 6.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:165 Resp: 28579

Ion	Ratio	Lower	Upper
165	100		
89	55.4	48.8	73.2
63	56.5	50.5	75.7

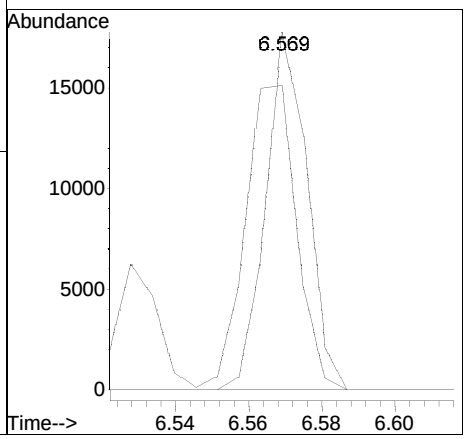


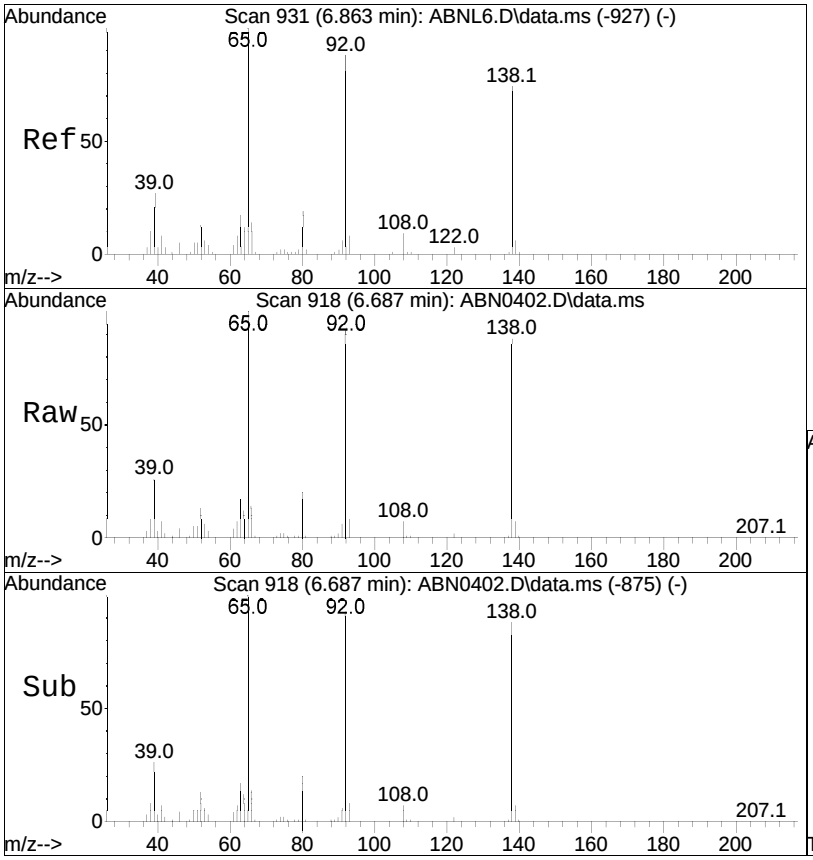


#54
1,2-Dinitrobenzene
Concen: 6.70 ug/ml
RT: 6.569 min Scan# 898
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:168 Resp: 13941

Ion	Ratio	Lower	Upper
168	100		
75	105.1	32.2	48.2#

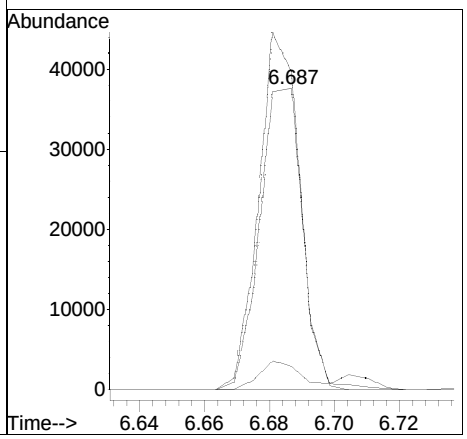


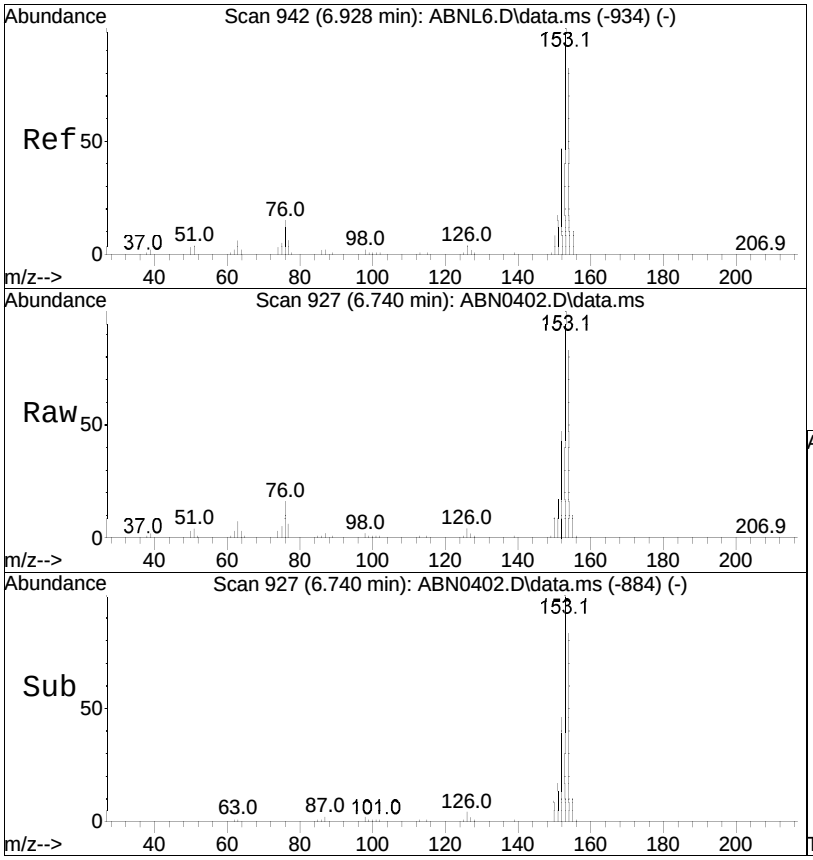


#64
3-Nitroaniline
Concen: 6.19 ug/ml
RT: 6.687 min Scan# 918
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:138 Resp: 33975

Ion	Ratio	Lower	Upper
138	100		
92	114.5	92.8	139.2
108	9.9	7.9	11.9

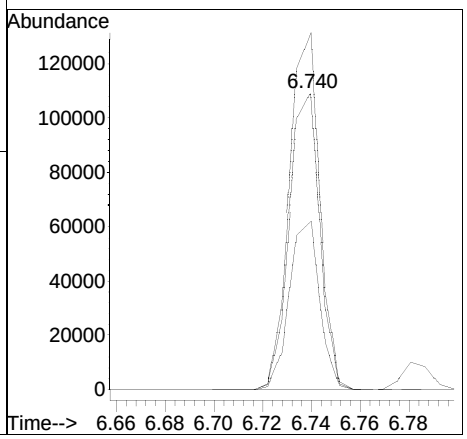


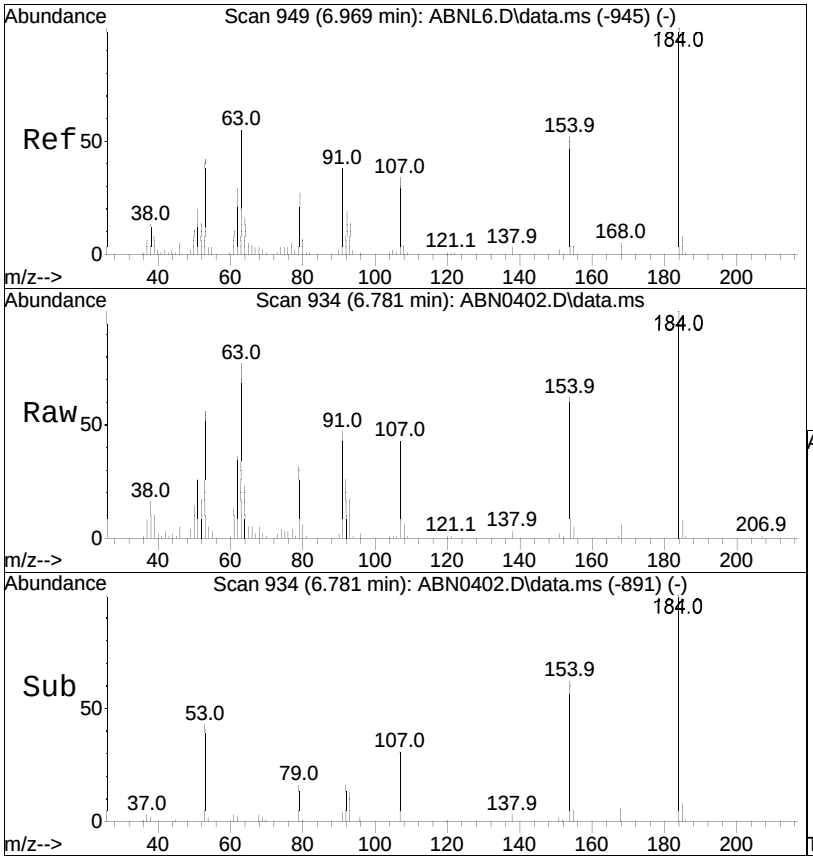


#65
Acenaphthene
Concen: 4.52 ug/ml
RT: 6.740 min Scan# 927
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:154 Resp: 95315

Ion	Ratio	Lower	Upper
154	100		
153	119.5	93.0	139.4
152	56.7	43.3	64.9

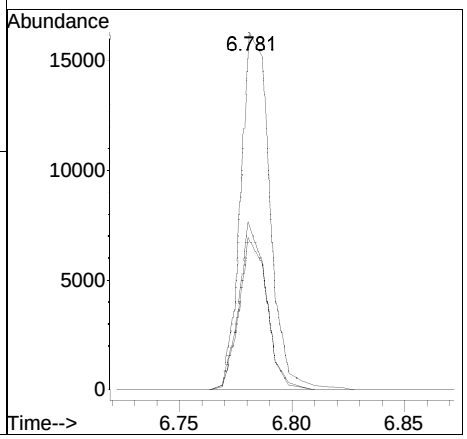


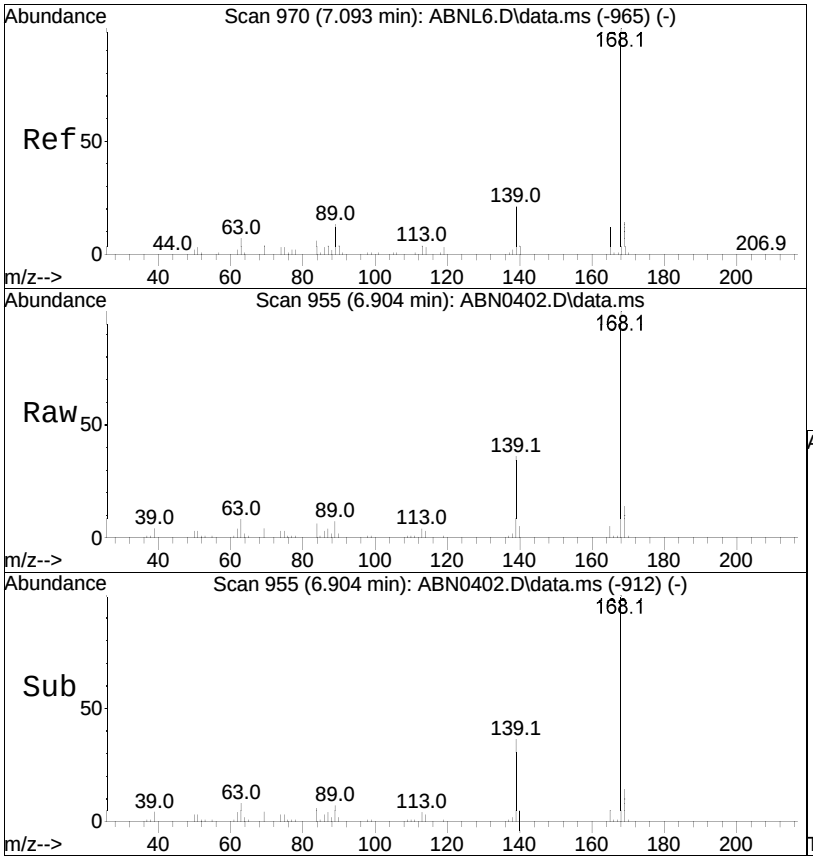


#66
2,4-Dinitrophenol
Concen: 5.57 ug/ml
RT: 6.781 min Scan# 934
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:184 Resp: 14607

Ion	Ratio	Lower	Upper
184	100		
107	40.7	41.8	62.6#
91	43.5	44.2	66.2#

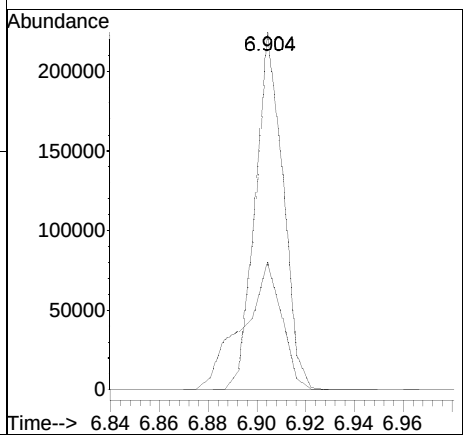


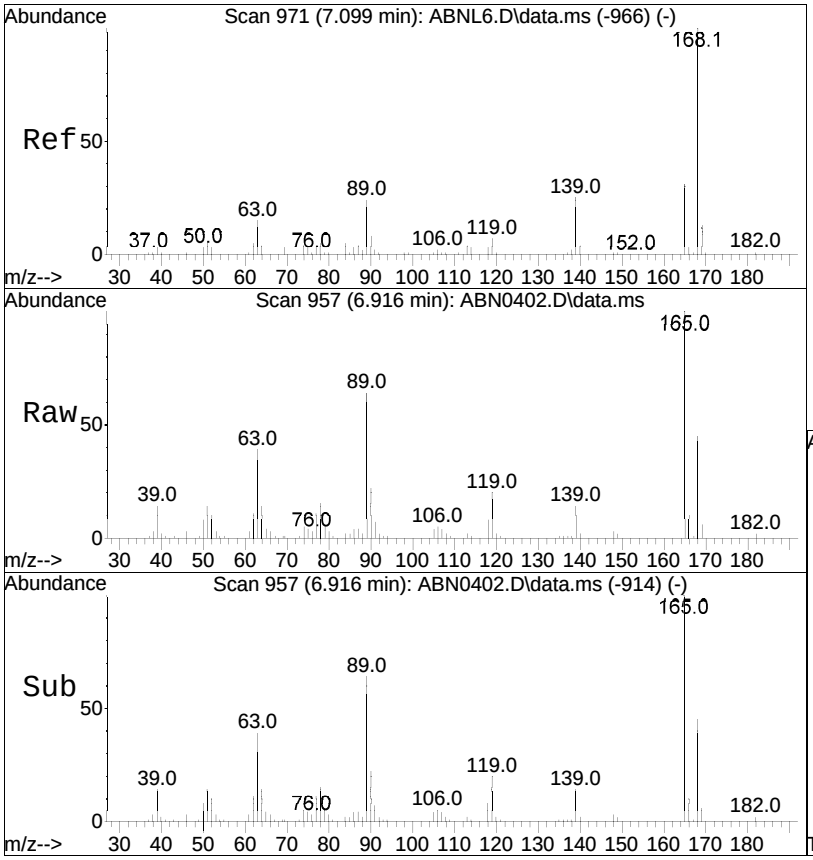


#67
Dibenzofuran
Concen: 4.87 ug/ml
RT: 6.904 min Scan# 955
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:168 Resp: 175348

Ion	Ratio	Lower	Upper
168	100		
139	51.5	32.3	48.5#

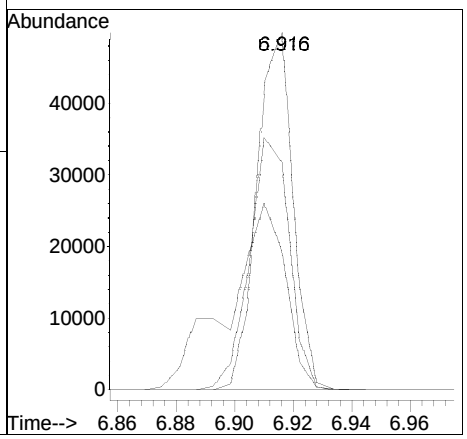


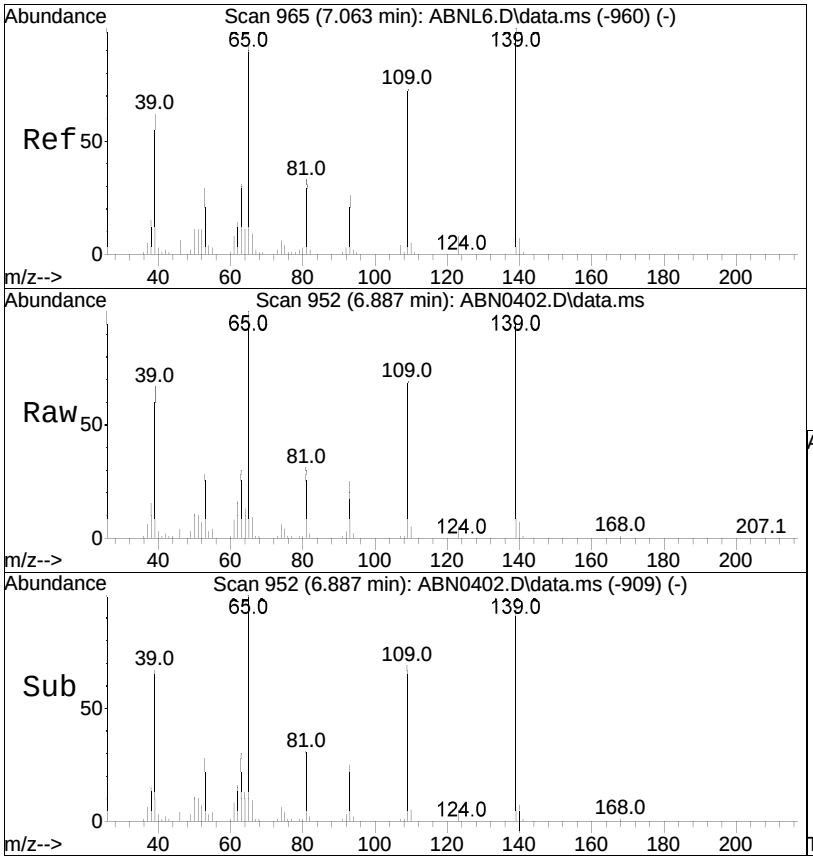


#68
2,4-Dinitrotoluene
Concen: 6.15 ug/ml
RT: 6.916 min Scan# 957
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:165 Resp: 42540

Ion	Ratio	Lower	Upper
165	100		
89	78.2	73.0	109.4
63	82.8	56.3	84.5

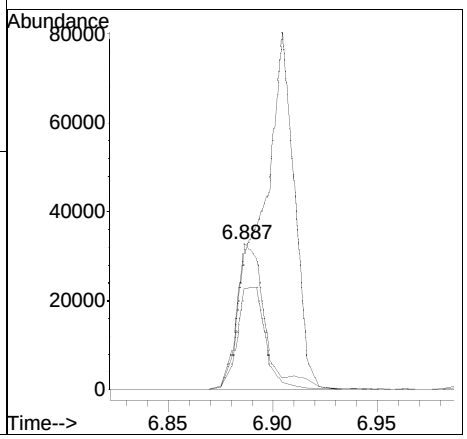


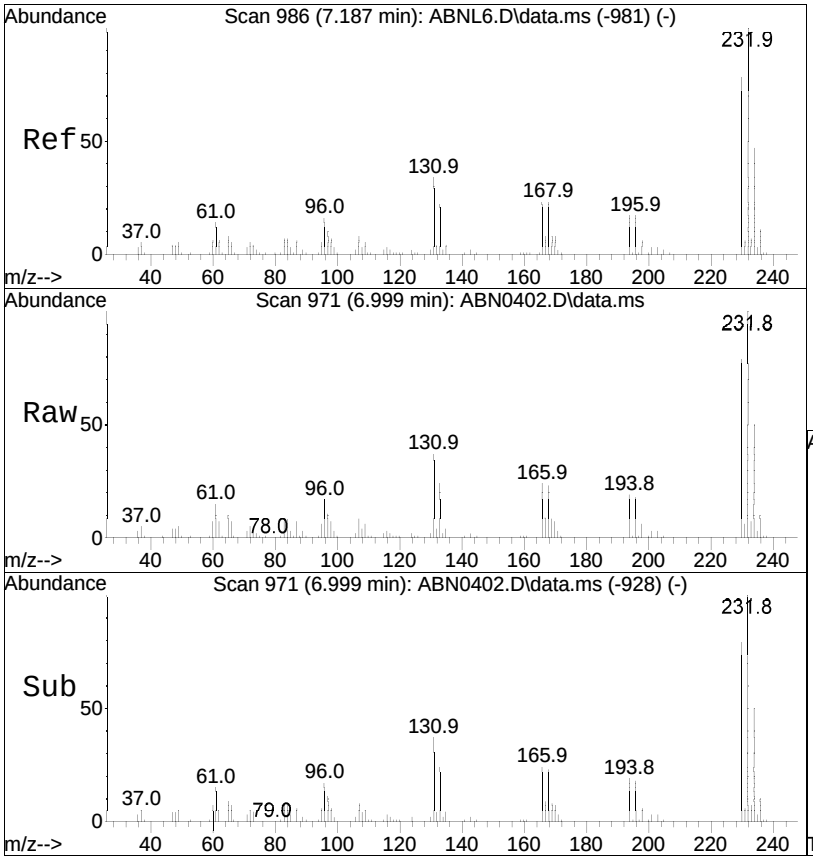


#69
4-Nitrophenol
Concen: 7.45 ug/ml
RT: 6.887 min Scan# 952
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 65 Resp: 31023

Ion	Ratio	Lower	Upper
65	100		
109	68.5	60.2	90.2
139	291.3	81.1	121.7#

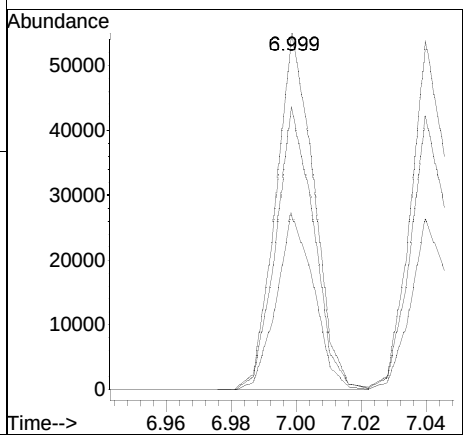


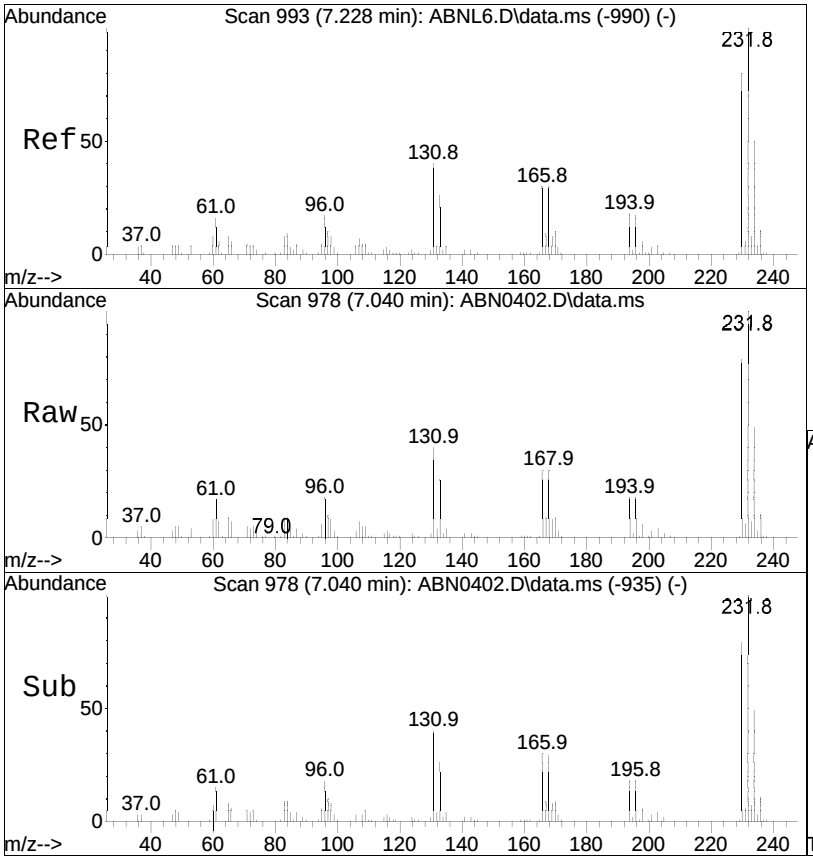


#70
2,3,5,6-Tetrachlorophenol
Concen: 5.87 ug/ml
RT: 6.999 min Scan# 971
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:232 Resp: 44798

Ion	Ratio	Lower	Upper
232	100		
230	78.8	63.8	95.8
234	48.5	38.3	57.5

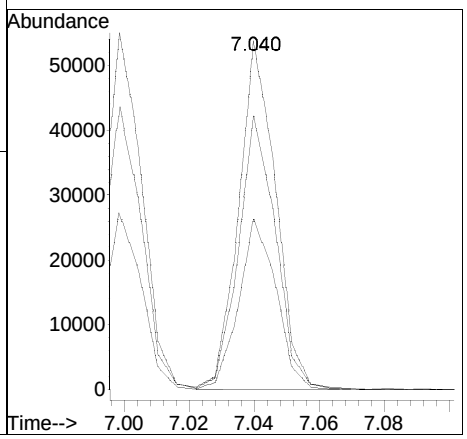


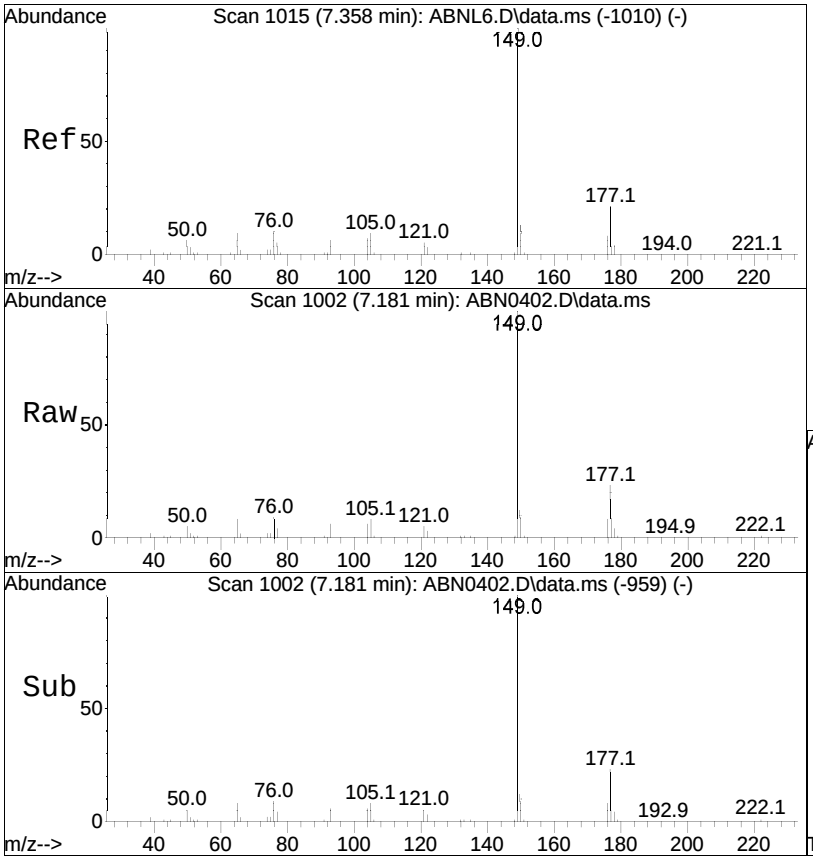


#71
2,3,4,6-Tetrachlorophenol
Concen: 5.62 ug/ml
RT: 7.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:232 Resp: 42281

Ion	Ratio	Lower	Upper
232	100		
230	79.8	63.8	95.8
234	50.2	39.0	58.6

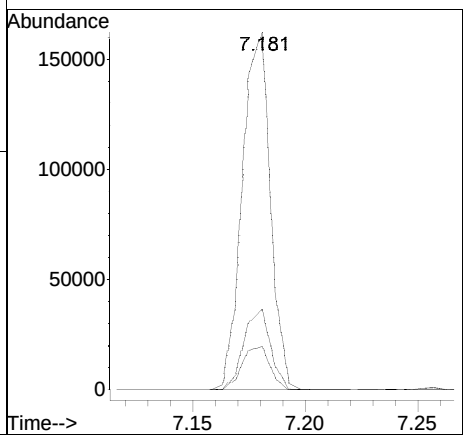


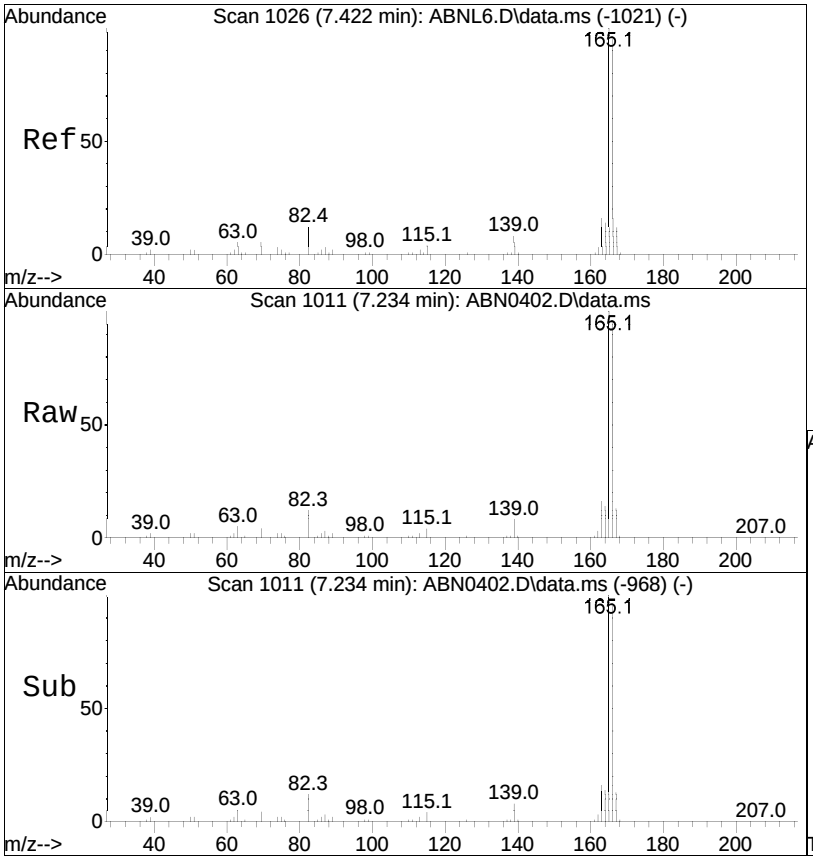


#72
Diethyl phthalate
Concen: 4.57 ug/ml
RT: 7.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:149 Resp: 138706

Ion	Ratio	Lower	Upper
149	100		
177	21.8	15.0	22.6
150	12.3	9.8	14.6

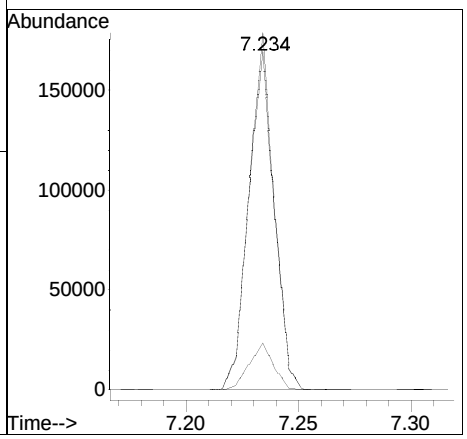


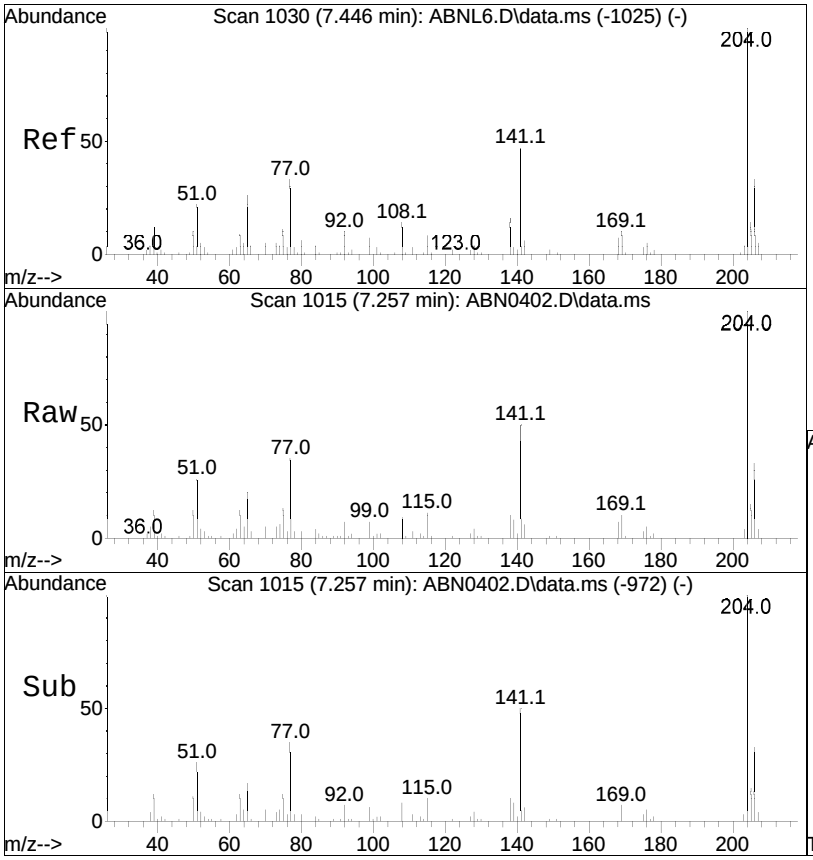


#73
Fluorene
Concen: 4.57 ug/ml
RT: 7.234 min Scan# 1011
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:166 Resp: 133557

Ion	Ratio	Lower	Upper
166	100		
165	103.7	80.0	120.0
167	13.6	10.7	16.1

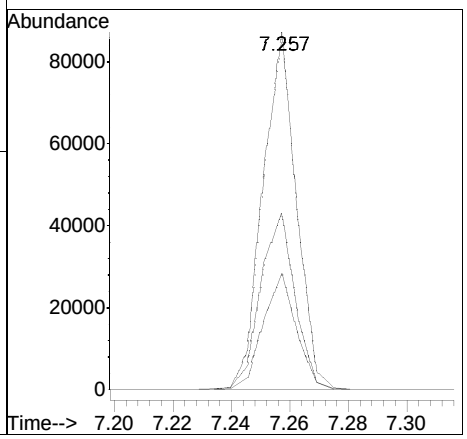


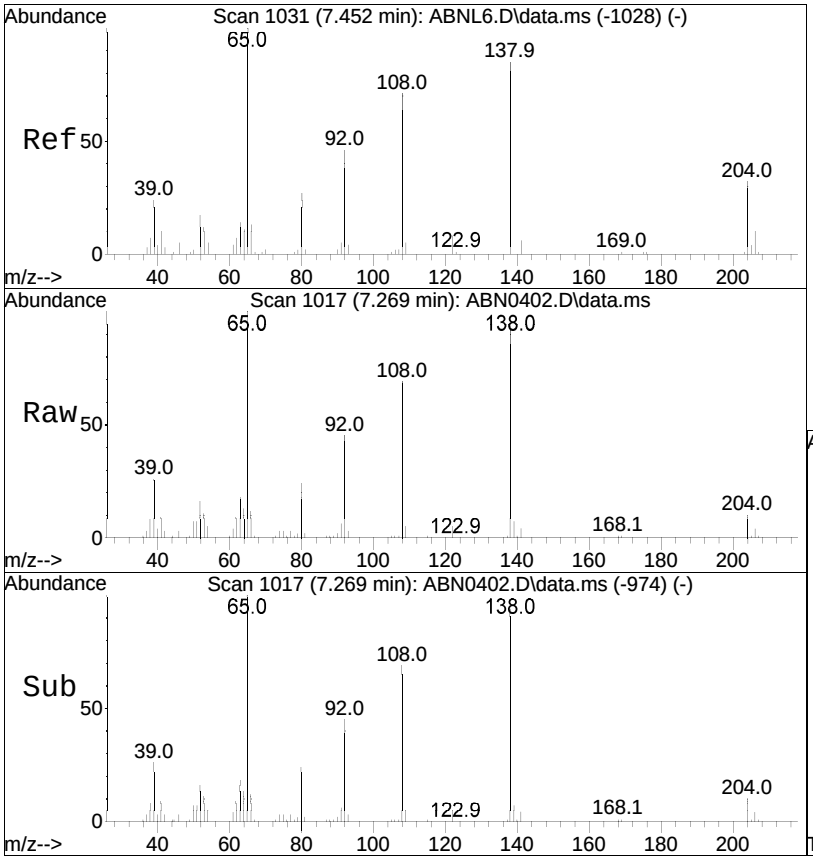


#74
4-Chlorophenyl phenyl ether
Concen: 4.57 ug/ml
RT: 7.257 min Scan# 1015
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:204 Resp: 68571

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.3	39.5
141	51.0	58.4	87.6#

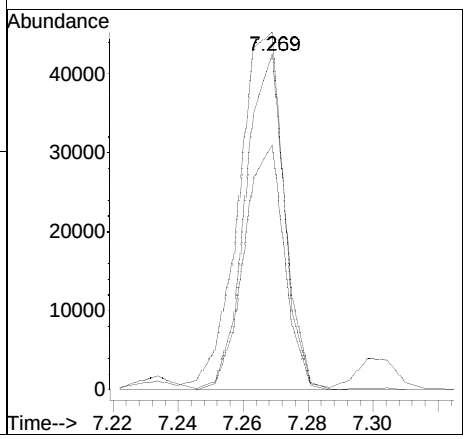


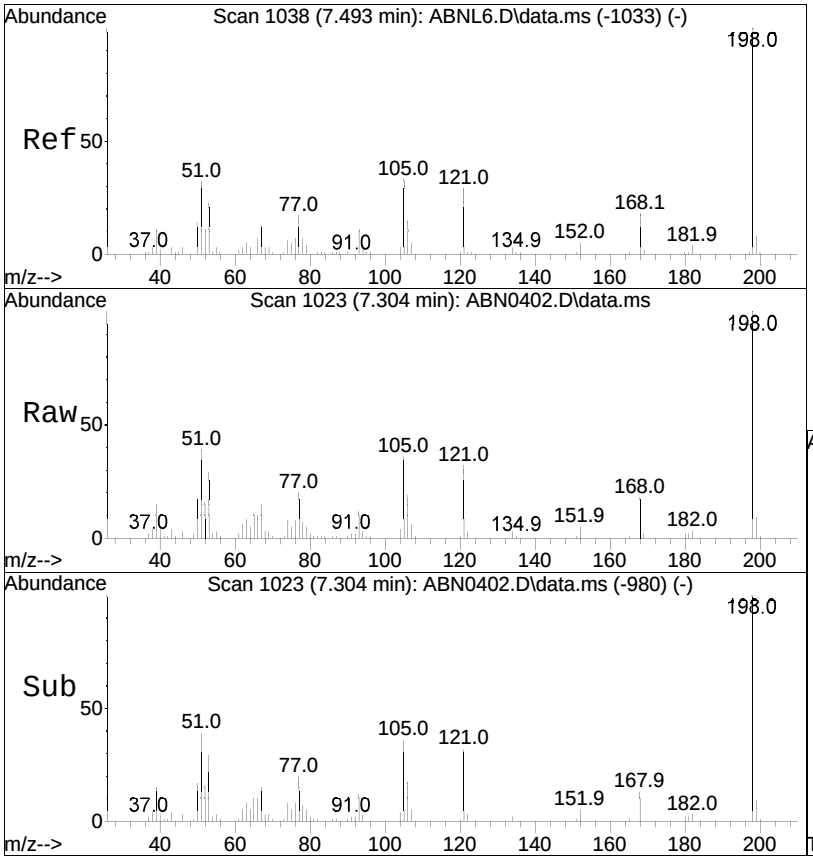


#75
4-Nitroaniline
Concen: 6.40 ug/ml
RT: 7.269 min Scan# 1017
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:138 Resp: 35446

Ion	Ratio	Lower	Upper
138	100		
108	74.9	59.2	88.8
65	125.1	97.6	146.4

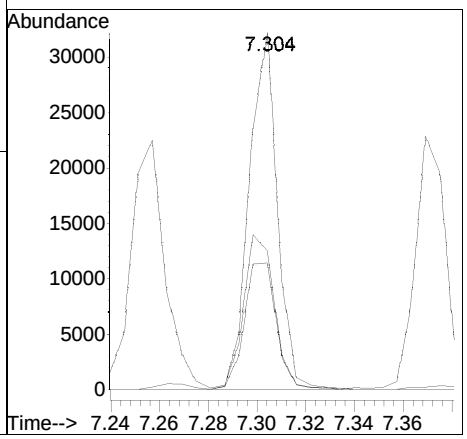


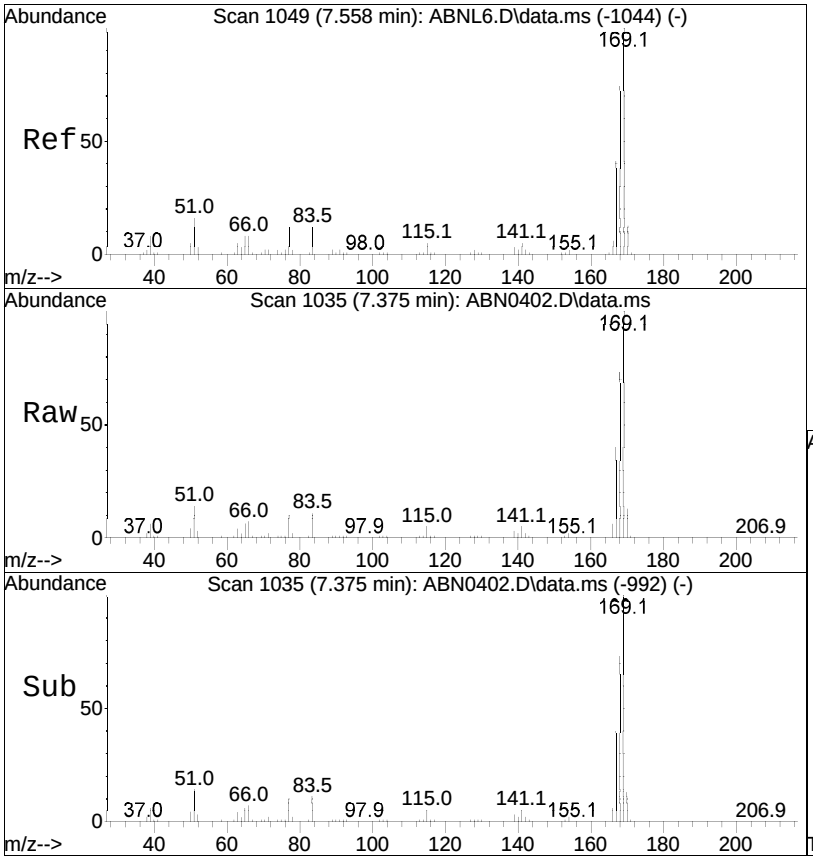


#76
4,6-Dinitro-o-cresol
Concen: 6.97 ug/ml
RT: 7.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:198 Resp: 25766

Ion	Ratio	Lower	Upper
198	100		
51	47.9	49.9	74.9#
105	40.6	45.8	68.6#

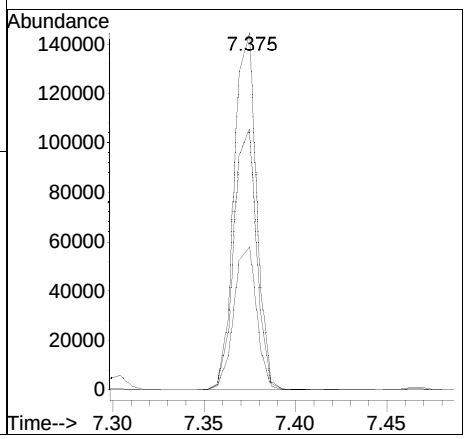


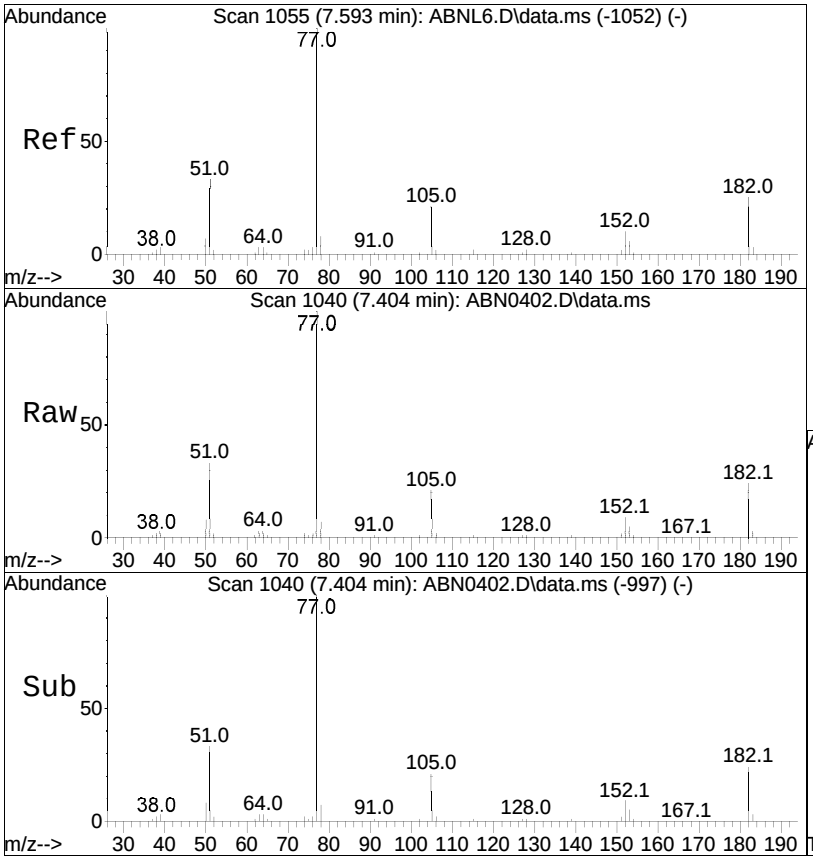


#77
NDPA/DPA
Concen: 4.92 ug/ml
RT: 7.375 min Scan# 1035
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:169 Resp: 123617

Ion	Ratio	Lower	Upper
169	100		
168	74.0	55.2	82.8
167	41.0	30.4	45.6

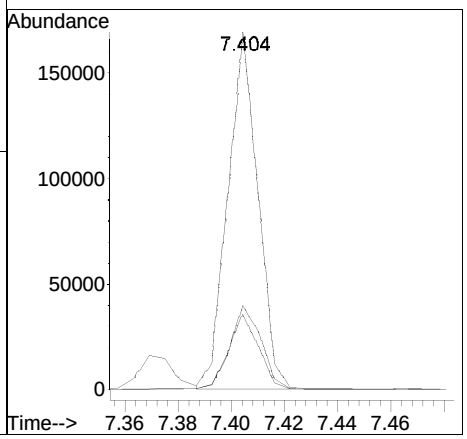


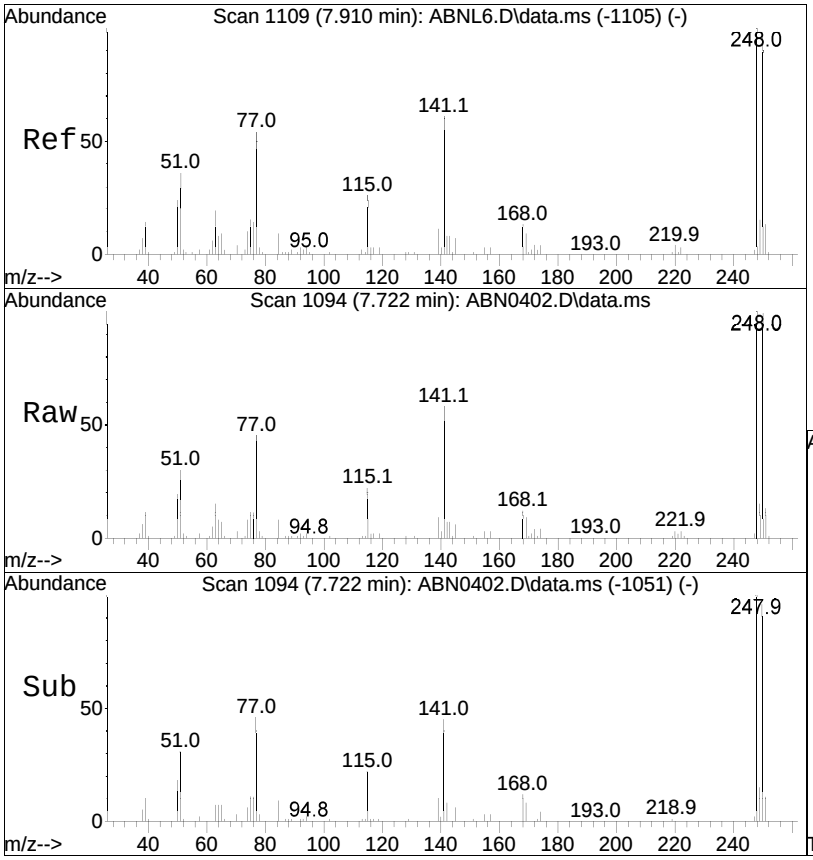


#78
Azobenzene
Concen: 5.02 ug/ml
RT: 7.404 min Scan# 1040
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion: 77 Resp: 131801

Ion	Ratio	Lower	Upper
77	100		
182	24.6	16.2	24.2#
105	21.6	17.9	26.9

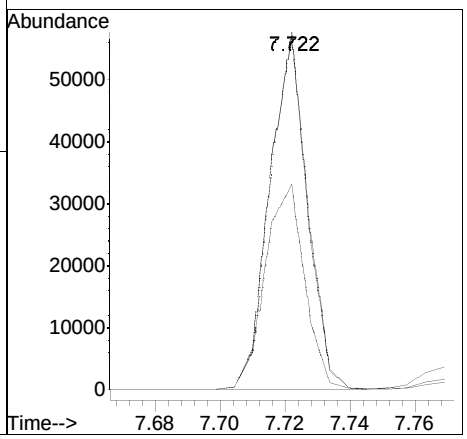


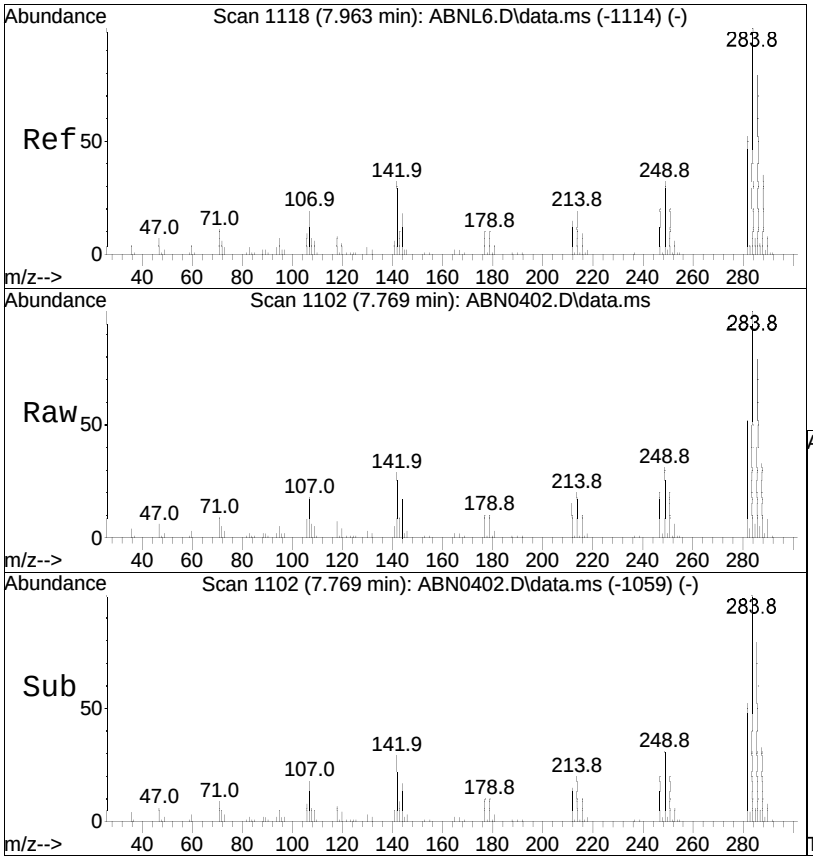


#80
4-Bromophenyl phenyl ether
Concen: 4.54 ug/ml
RT: 7.722 min Scan# 1094
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:248 Resp: 46067

Ion	Ratio	Lower	Upper
248	100		
141	60.3	74.6	111.8#
250	98.0	76.9	115.3

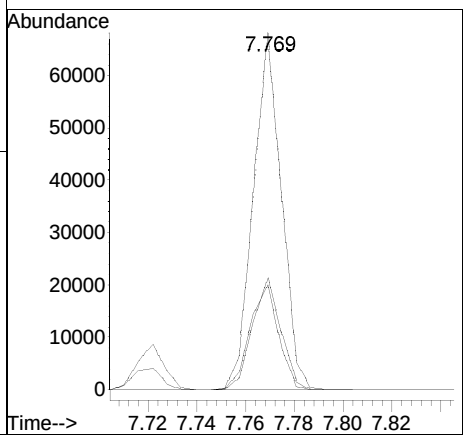


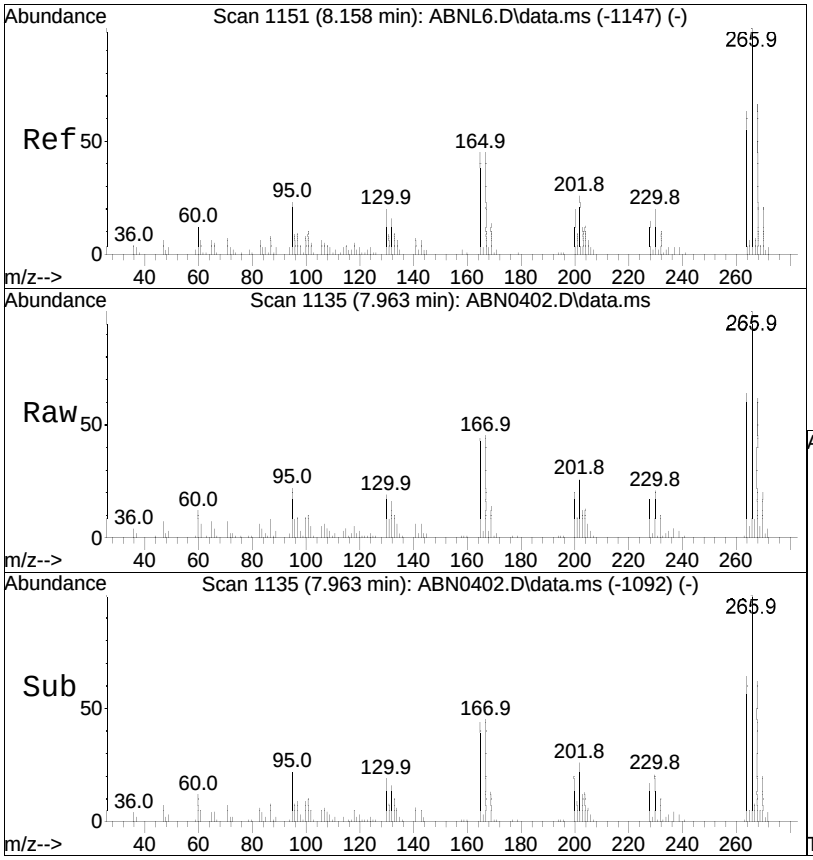


#81
Hexachlorobenzene
Concen: 4.38 ug/ml
RT: 7.769 min Scan# 1102
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:284 Resp: 54285

Ion	Ratio	Lower	Upper
284	100		
142	30.2	37.6	56.4#
249	31.9	25.4	38.2

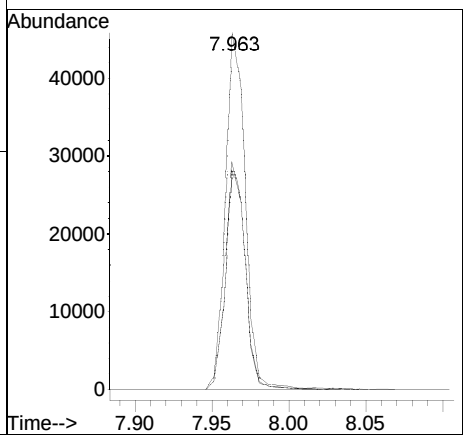


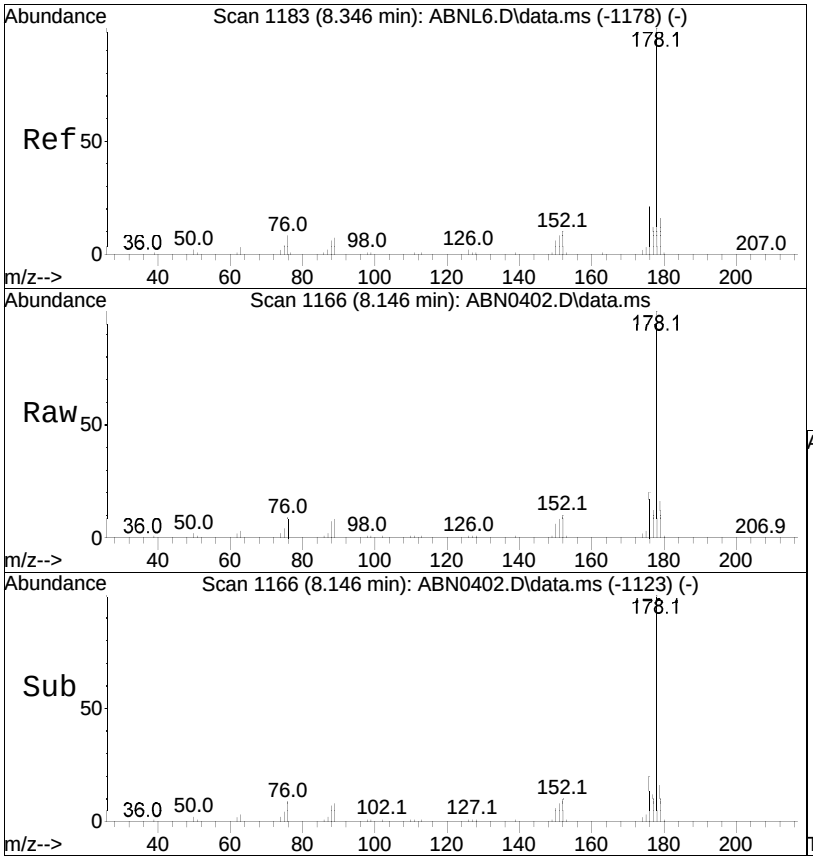


#82
Pentachlorophenol
Concen: 6.26 ug/ml
RT: 7.963 min Scan# 1135
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:266 Resp: 40914

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.7	76.1
268	62.4	52.5	78.7

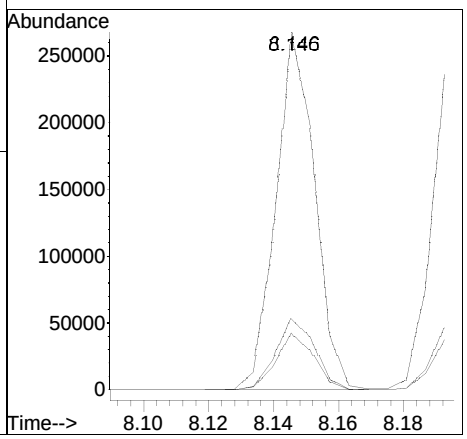


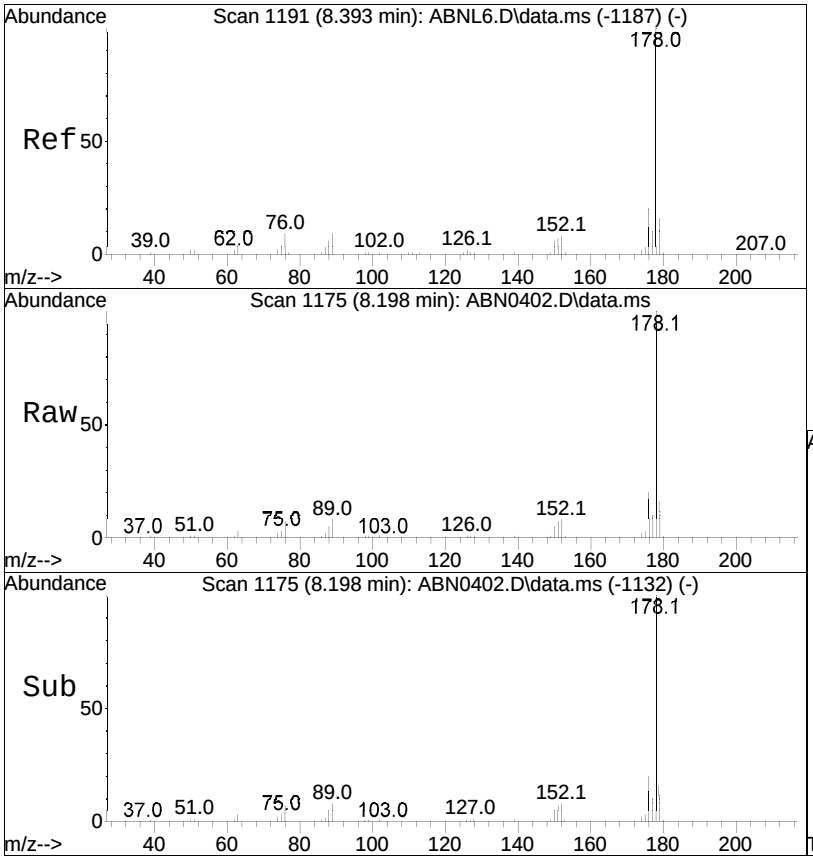


#89
Phenanthrene
Concen: 4.69 ug/ml
RT: 8.146 min Scan# 1166
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:178 Resp: 221282

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	20.1	15.4	23.2

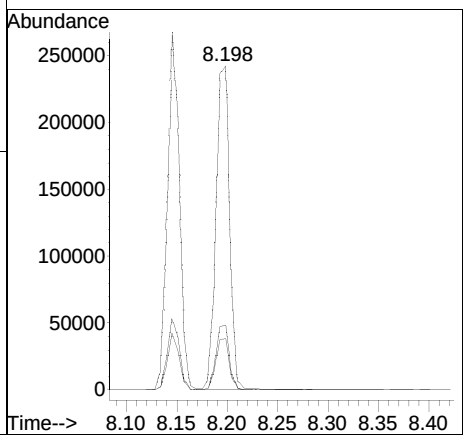


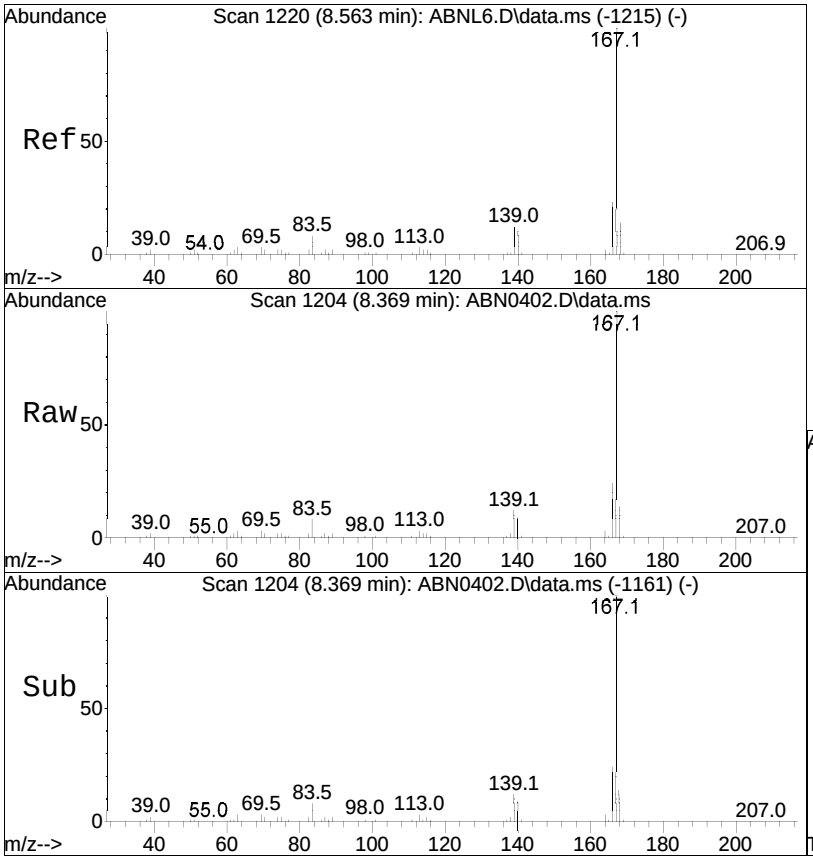


#90
Anthracene
Concen: 4.78 ug/ml
RT: 8.198 min Scan# 1175
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:178 Resp: 227810

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	19.7	15.1	22.7

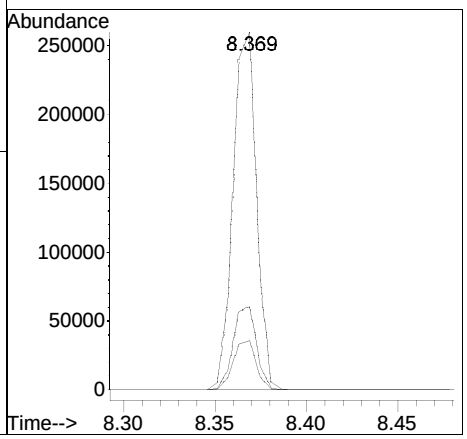


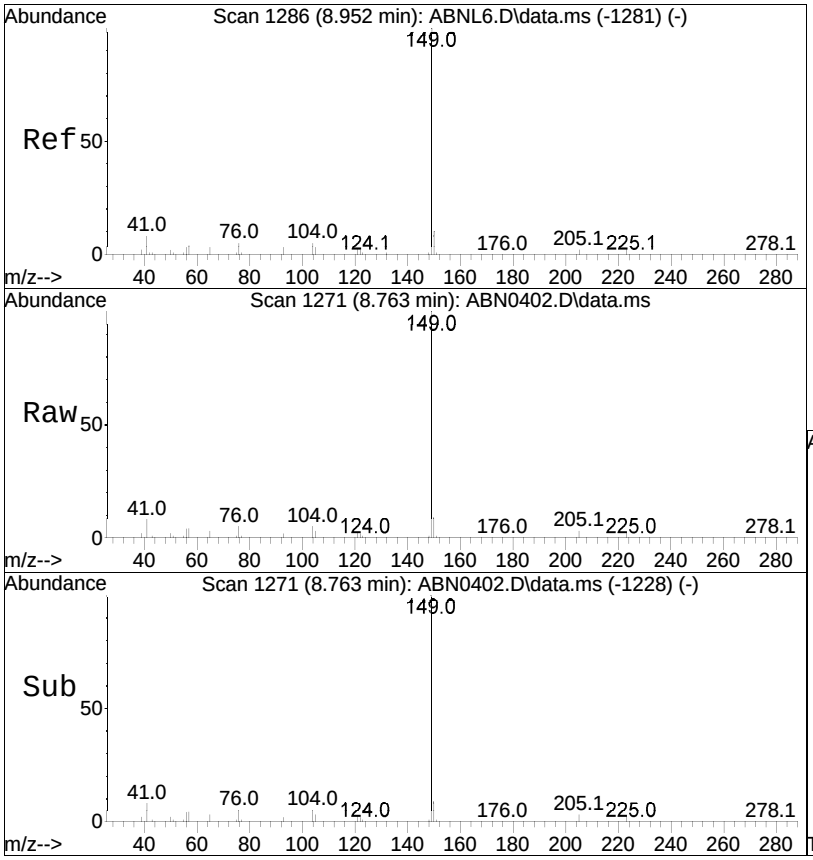


#91
Carbazole
Concen: 5.15 ug/ml
RT: 8.369 min Scan# 1204
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:167 Resp: 230088

Ion	Ratio	Lower	Upper
167	100		
168	13.7	10.8	16.2
166	23.3	17.7	26.5

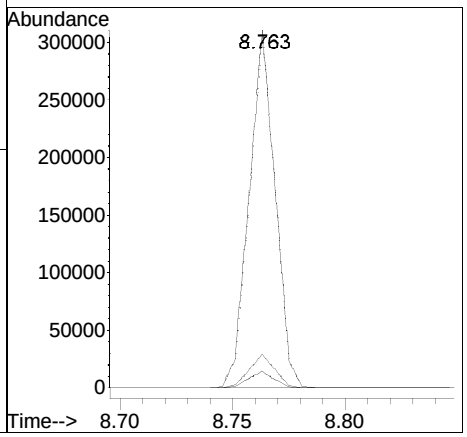


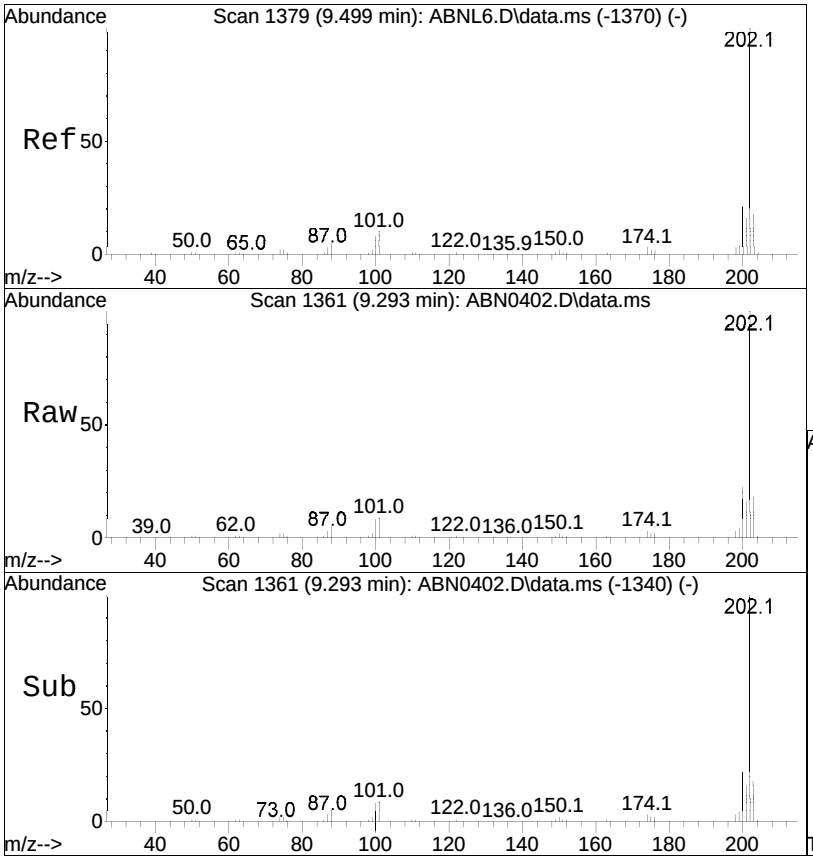


#92
Di-n-butylphthalate
Concen: 4.93 ug/ml
RT: 8.763 min Scan# 1271
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:149 Resp: 244365

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.7	4.0	6.0

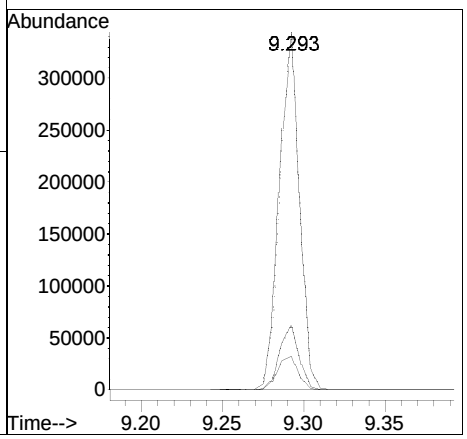


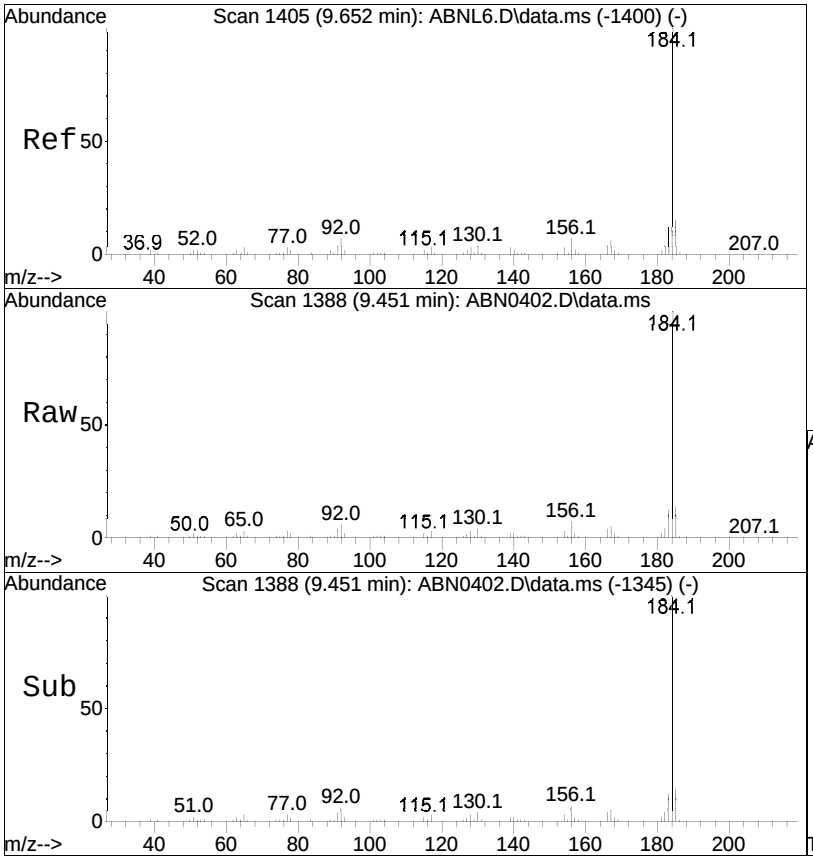


#93
Fluoranthene
Concen: 4.96 ug/ml
RT: 9.293 min Scan# 1361
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:202 Resp: 291025

Ion	Ratio	Lower	Upper
202	100		
101	10.0	11.2	16.8#
203	17.9	13.7	20.5

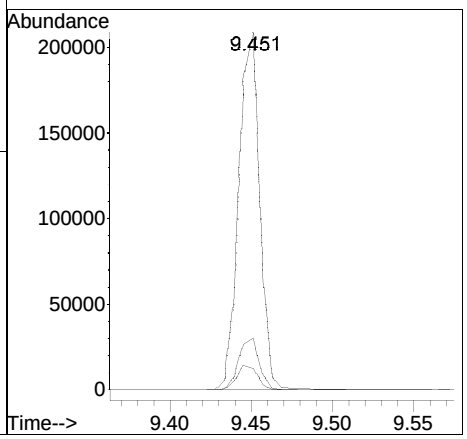


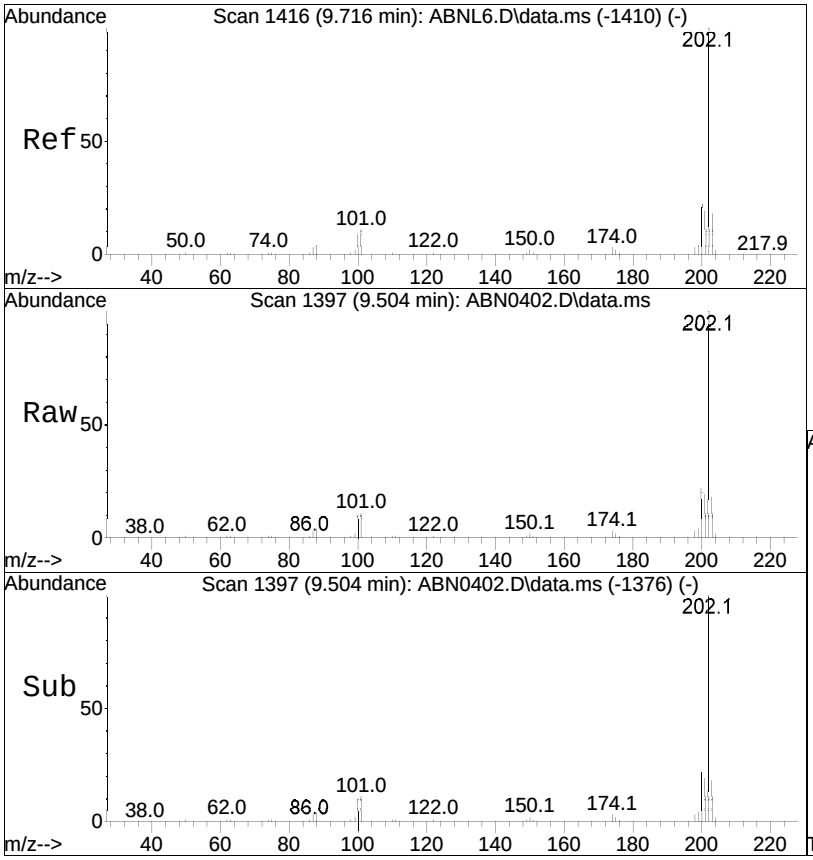


#94
Benzidine
Concen: 5.07 ug/ml
RT: 9.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:184 Resp: 185605

Ion	Ratio	Lower	Upper
184	100		
92	7.0	7.3	10.9#
185	14.3	11.8	17.8

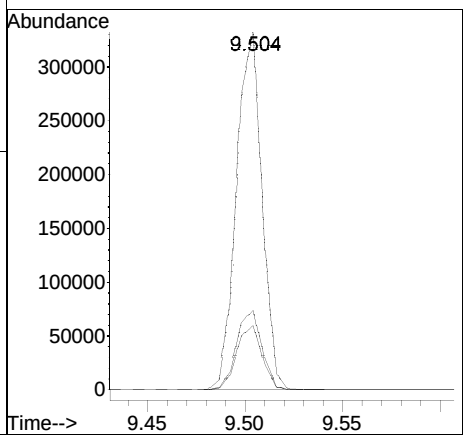


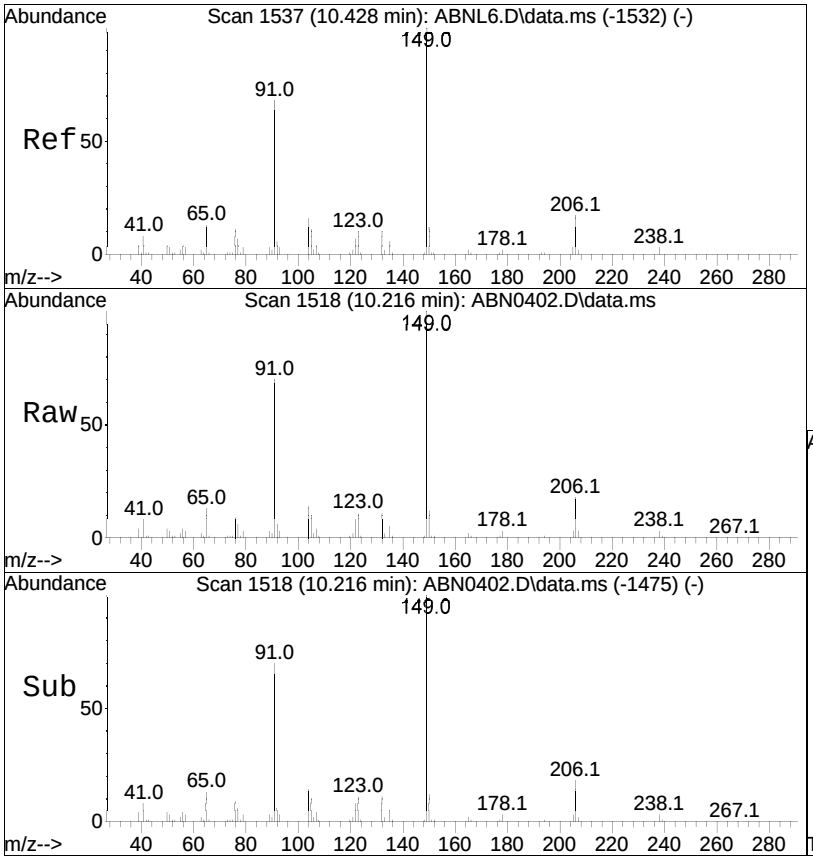


#95
Pyrene
Concen: 4.88 ug/ml
RT: 9.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:202 Resp: 300313

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	17.9	14.3	21.5

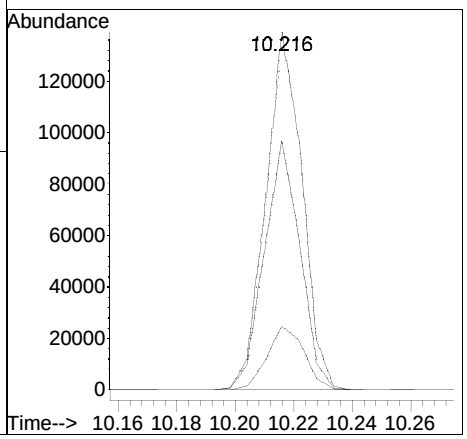


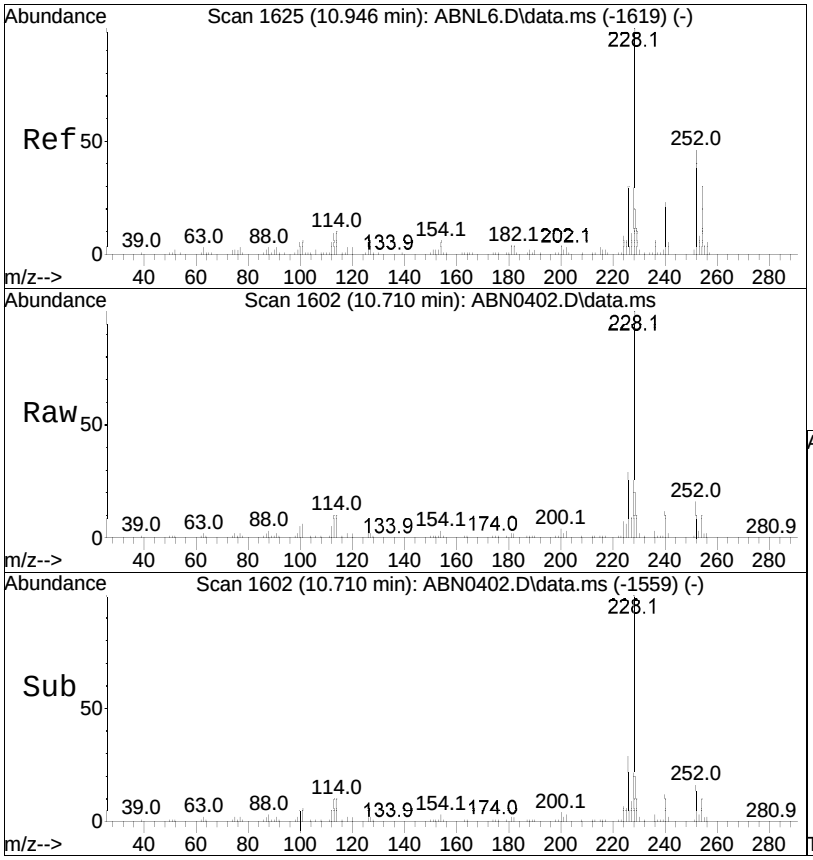


#97
Butyl benzyl phthalate
Concen: 6.03 ug/ml
RT: 10.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:149 Resp: 118762

Ion	Ratio	Lower	Upper
149	100		
91	68.6	57.9	86.9
206	18.2	11.9	17.9#

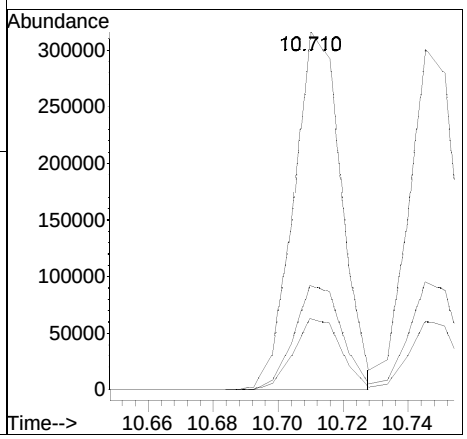


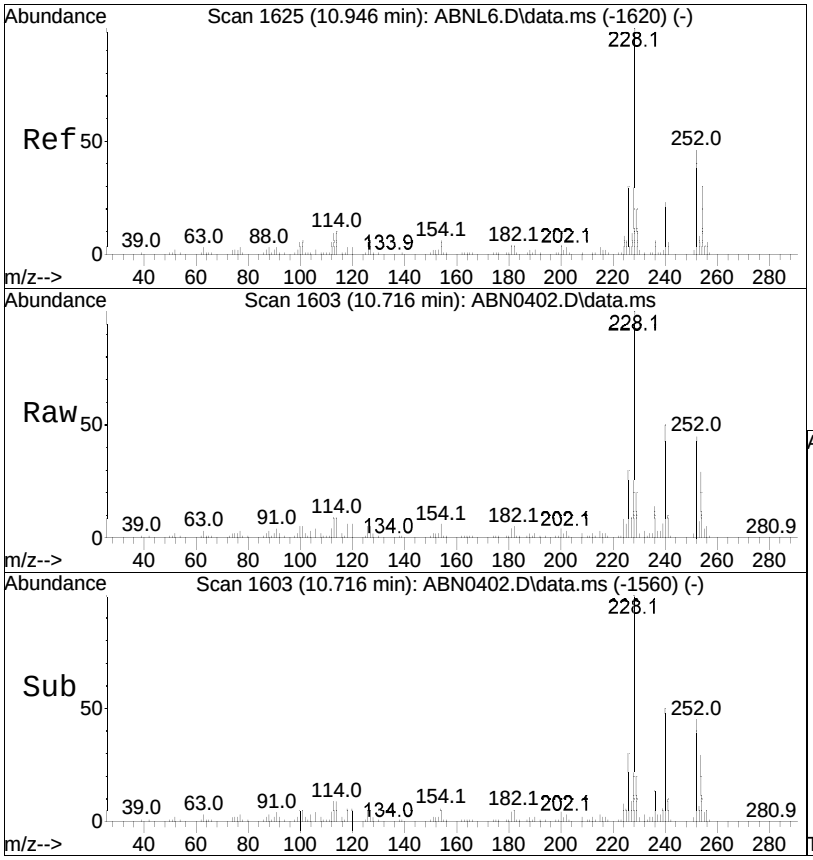


#105
Benzo(a)anthracene
Concen: 4.98 ug/ml
RT: 10.710 min Scan# 1602
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:228 Resp: 322307

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	20.0	15.8	23.6

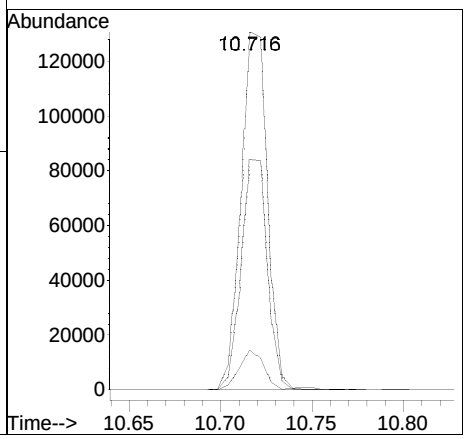


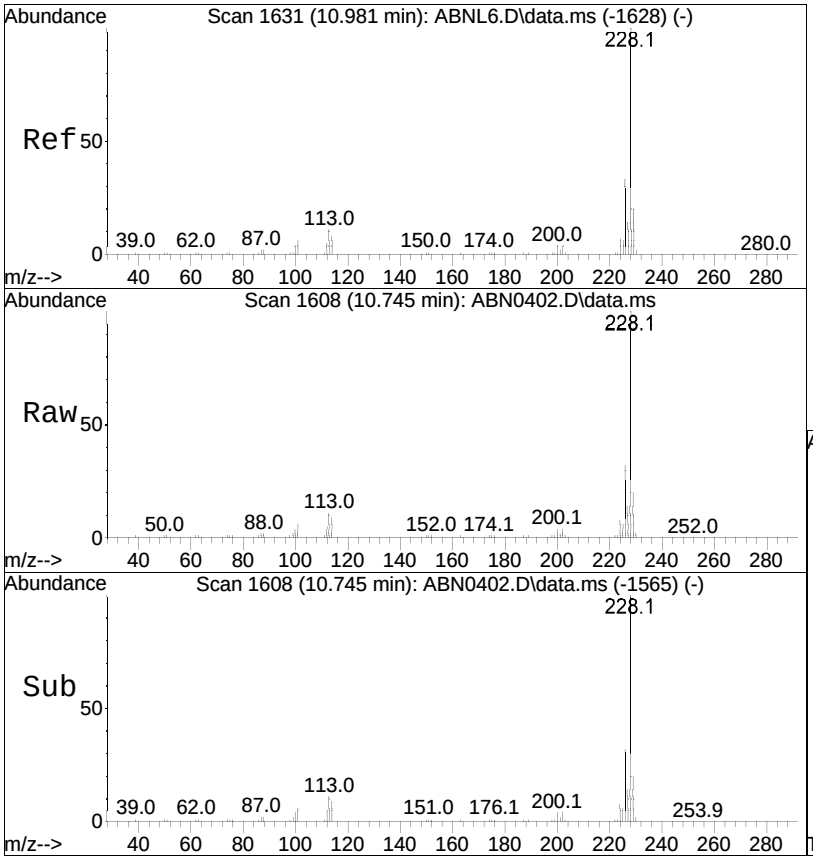


#106
3,3'-Dichlorobenzidine
Concen: 5.19 ug/ml
RT: 10.716 min Scan# 1603
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:252 Resp: 130488

Ion	Ratio	Lower	Upper
252	100		
126	10.9	12.6	19.0#
254	63.8	51.1	76.7

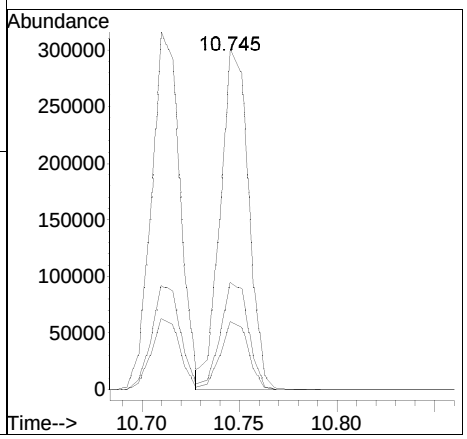


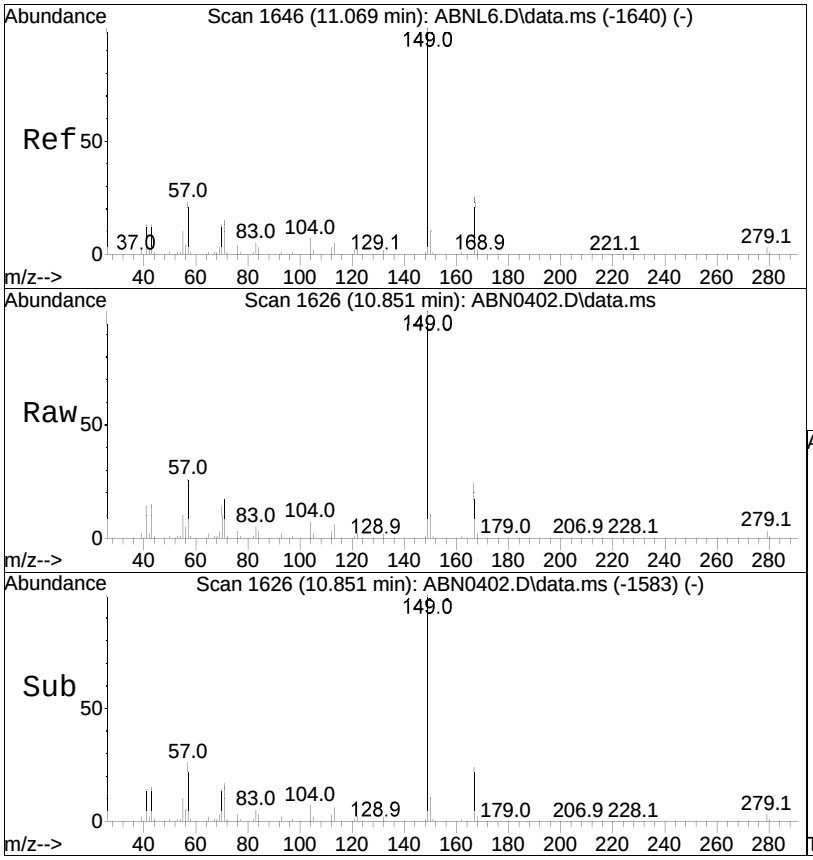


#107
Chrysene
Concen: 5.04 ug/ml
RT: 10.745 min Scan# 1608
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:228 Resp: 302363

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	20.0	15.5	23.3

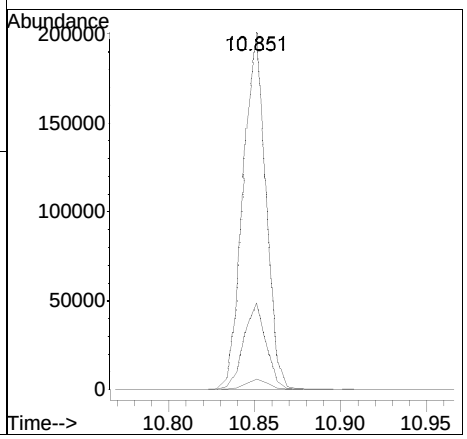


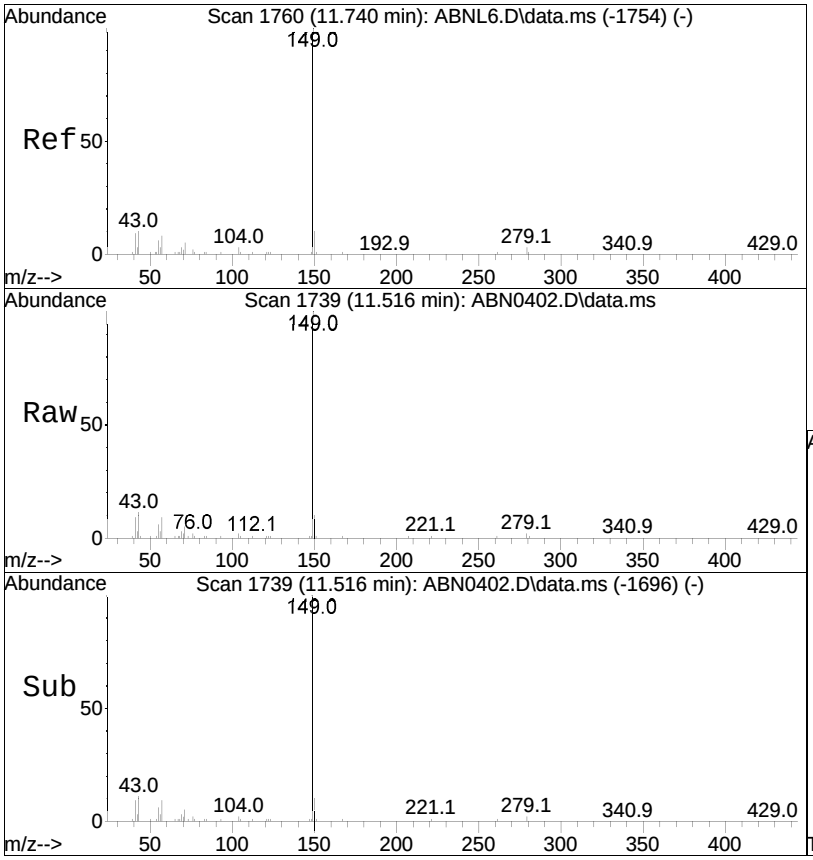


#108
Bis(2-ethylhexyl)phthalate
Concen: 5.87 ug/ml
RT: 10.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:149 Resp: 182819

Ion	Ratio	Lower	Upper
149	100		
167	24.0	18.4	27.6
279	2.7	1.7	2.5#

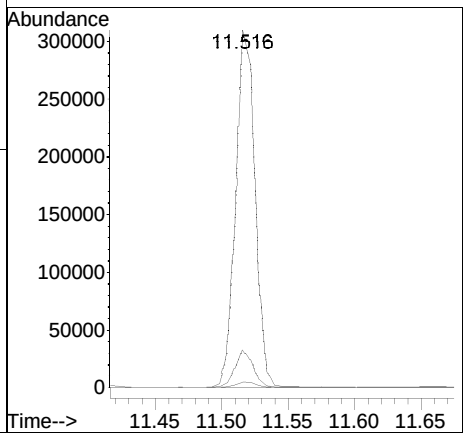


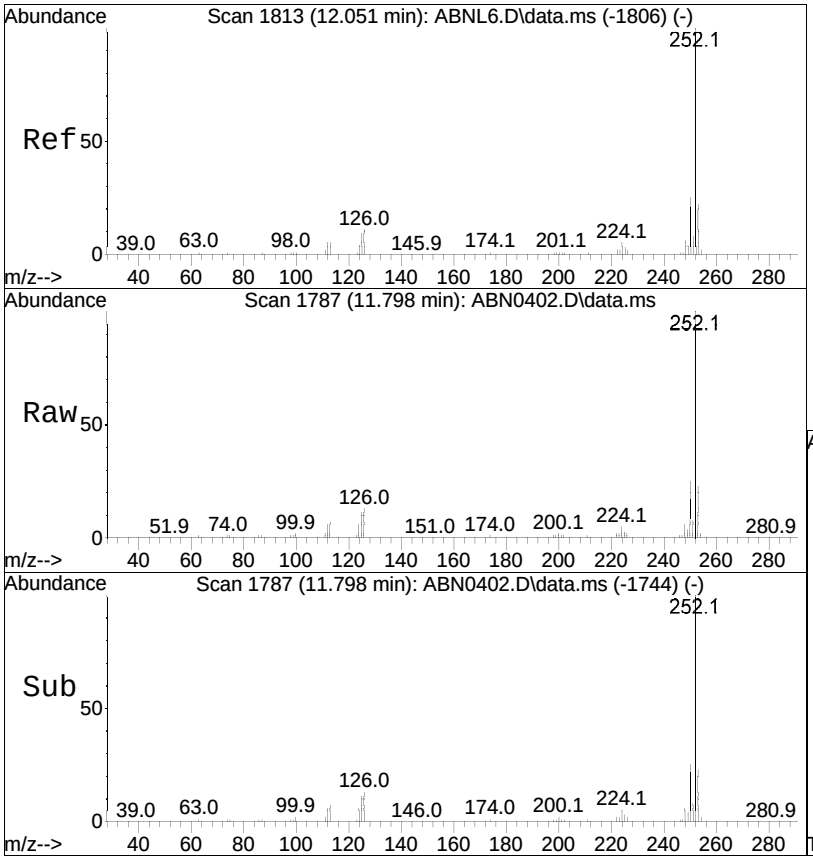


#109
Di-n-octylphthalate
Concen: 5.94 ug/ml
RT: 11.516 min Scan# 1739
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:149 Resp: 309183

Ion	Ratio	Lower	Upper
149	100		
43	10.0	8.2	12.2
167	1.4	1.1	1.7

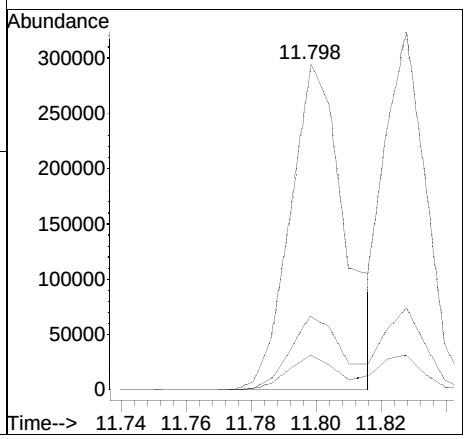


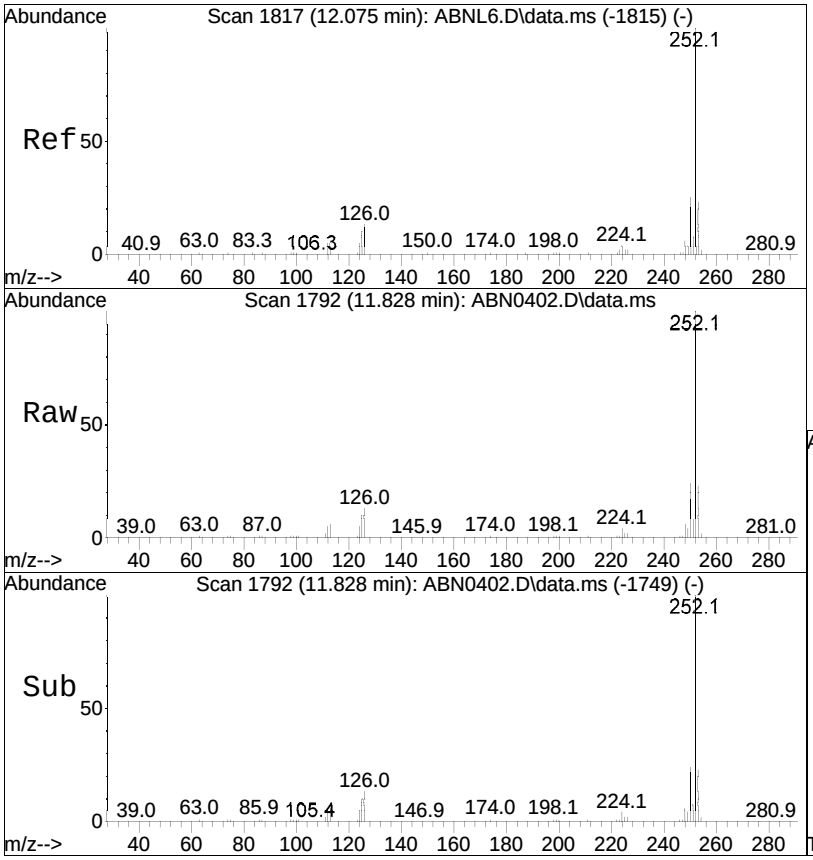


#110
Benzo(b)fluoranthene
Concen: 5.24 ug/ml
RT: 11.798 min Scan# 1787
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:252 Resp: 347686

Ion	Ratio	Lower	Upper
252	100		
125	9.2	11.3	16.9#
253	22.4	17.8	26.8

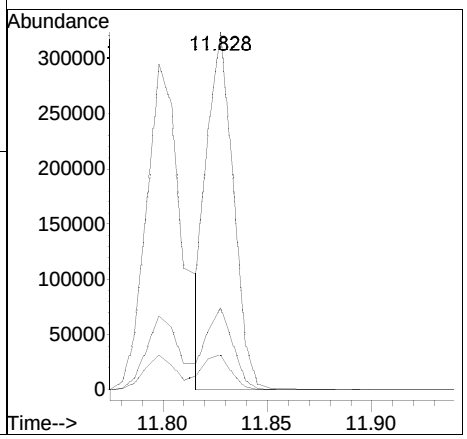


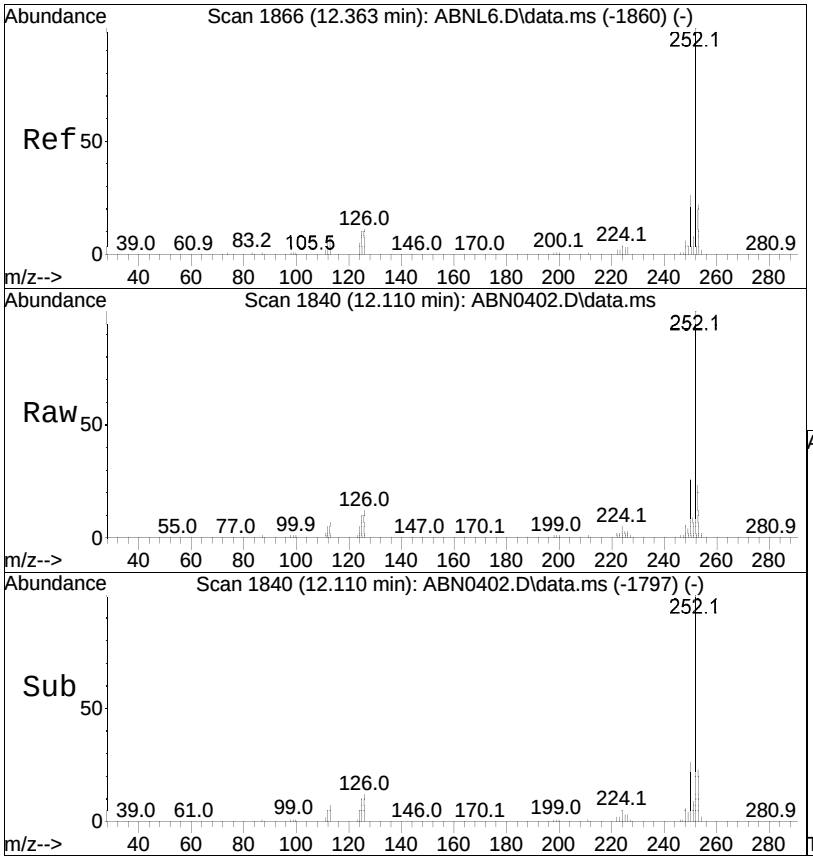


#111
Benzo(k)fluoranthene
Concen: 4.48 ug/ml M3
RT: 11.828 min Scan# 1792
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:252 Resp: 283471

Ion	Ratio	Lower	Upper
252	100		
125	11.3	11.5	17.3#
253	27.5	17.6	26.4#

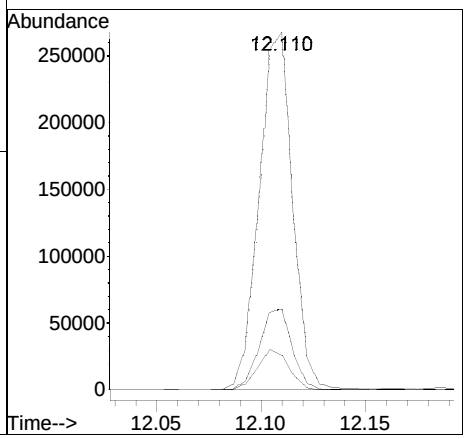


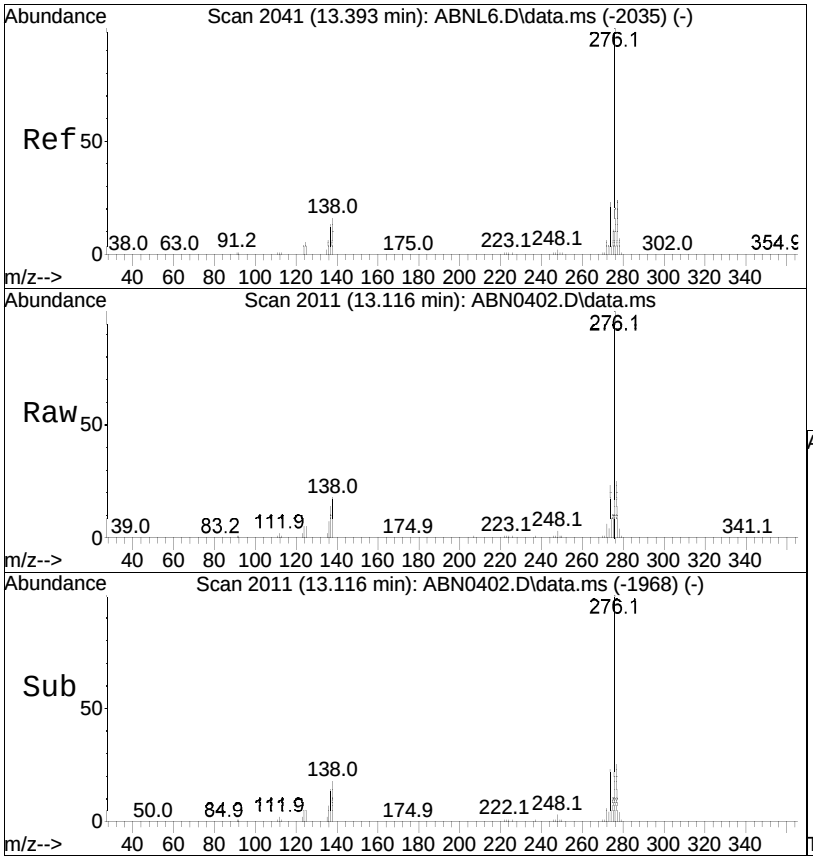


#112
Benzo(a)pyrene
Concen: 4.74 ug/ml
RT: 12.110 min Scan# 1840
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:252 Resp: 294168

Ion	Ratio	Lower	Upper
252	100		
125	10.9	12.6	18.8#
253	22.4	17.5	26.3

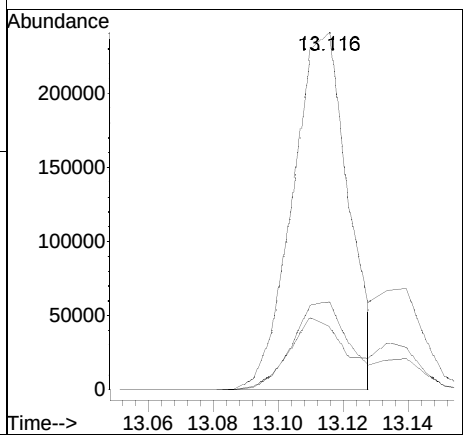


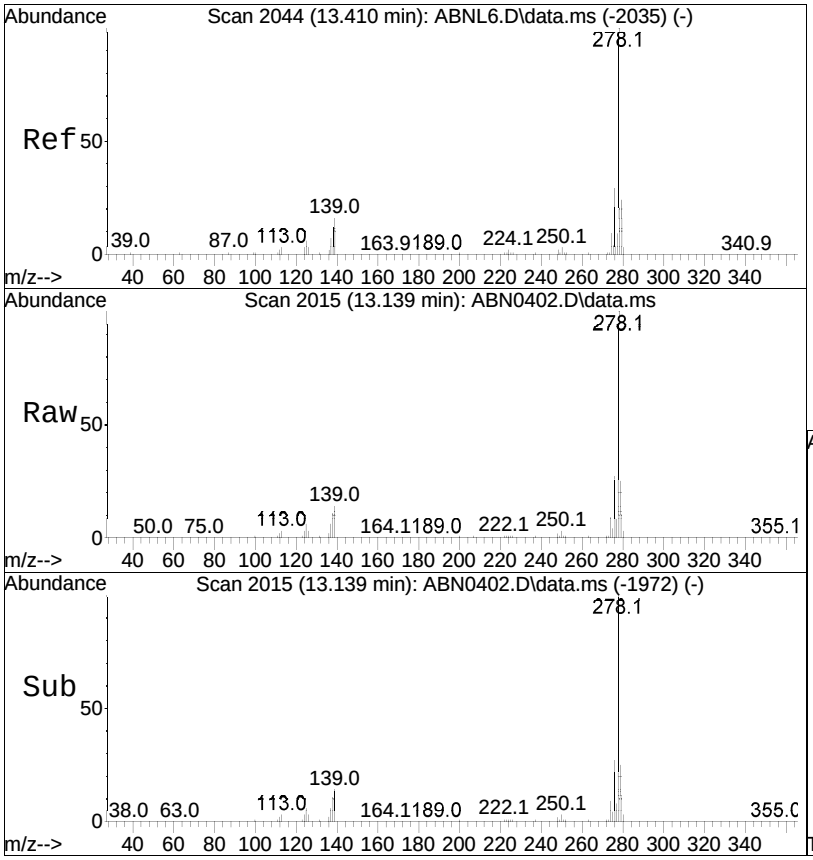


#114
Indeno(1,2,3-cd)pyrene
Concen: 4.20 ug/mL M6
RT: 13.116 min Scan# 2011
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:276 Resp: 289951

Ion	Ratio	Lower	Upper
276	100		
138	21.5	22.1	33.1#
277	32.0	19.0	28.6#

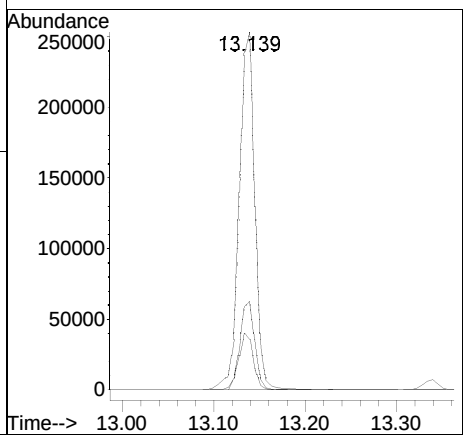


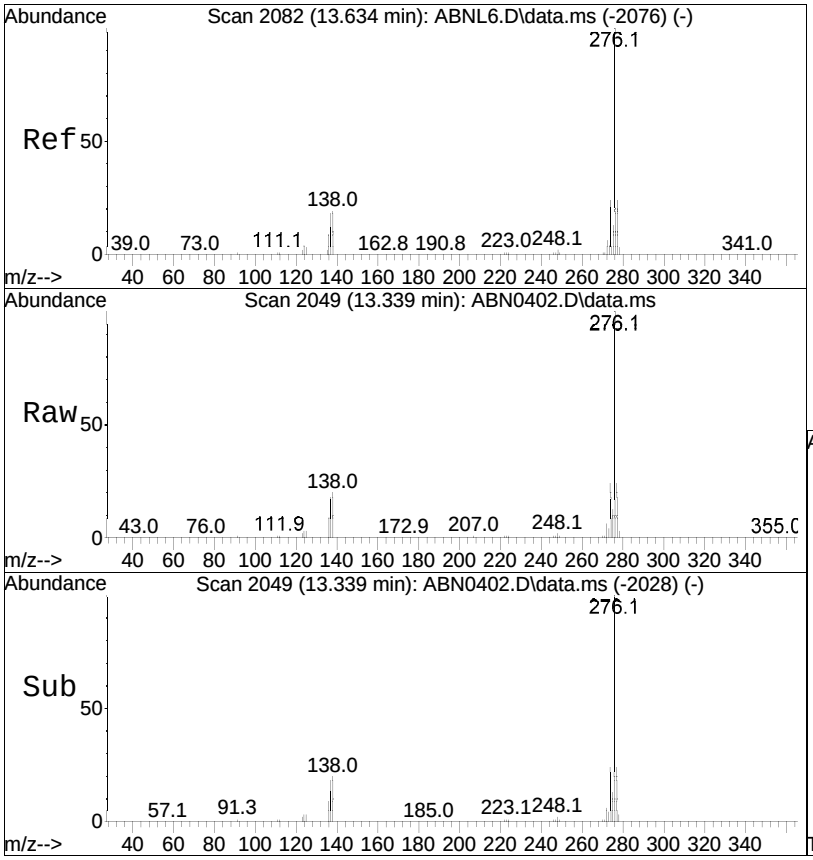


#115
Dibenzo(a,h)anthracene
Concen: 4.66 ug/ml
RT: 13.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:278 Resp: 297441

Ion	Ratio	Lower	Upper
278	100		
139	15.0	17.8	26.8#
279	24.0	19.2	28.8

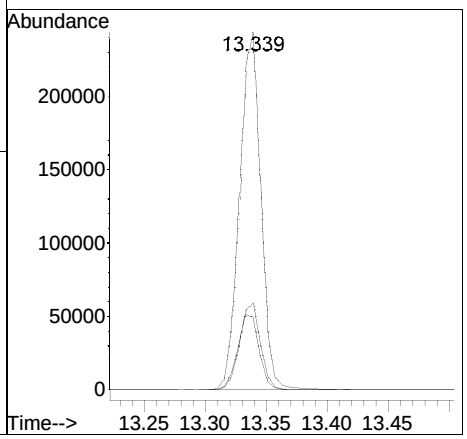




#116
Benzo(ghi)perylene
Concen: 4.61 ug/ml
RT: 13.339 min Scan# 2049
Delta R.T. 0.000 min
Lab File: ABN0402.D
Acq: 02 Apr 2026 11:25 am

Tgt Ion:276 Resp: 293154

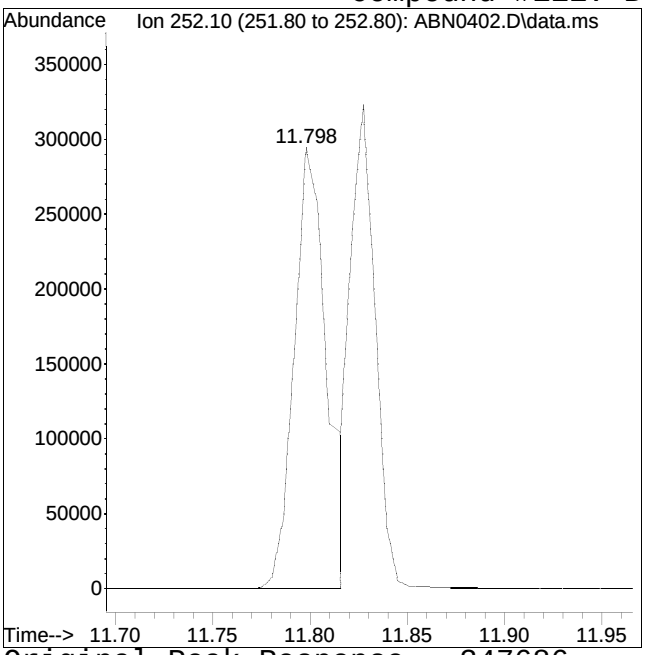
Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.9	32.9#
277	24.0	18.4	27.6

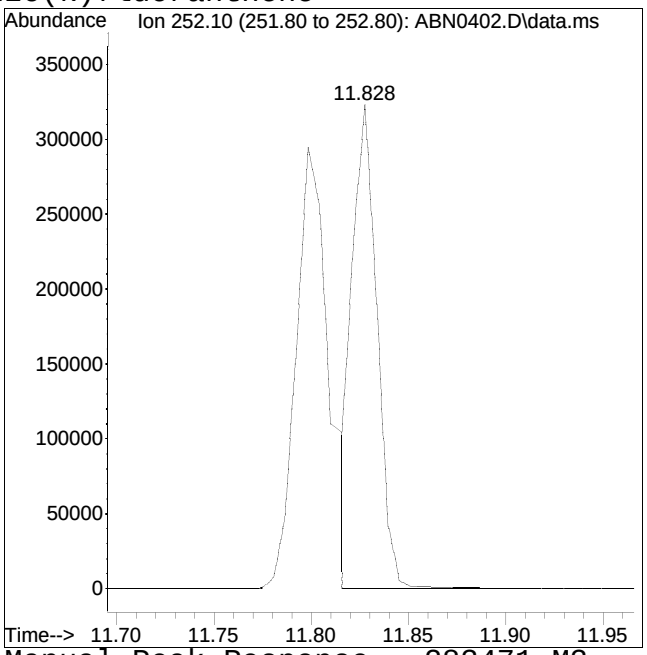


Manual Integration Report

Data Path : I:\8270\SV112\260402RVT\ QMethod : FS260206SV112RVT.m
Data File : ABN0402.D Operator : SV112:jg
Date Inj'd : 4/2/2026 11:25 am Instrument : SV112
Sample : WG2193052-3,32,,ABN 12287 Quant Date : 4/2/2026 12:11 pm

Compound #111: Benzo(k)fluoranthene



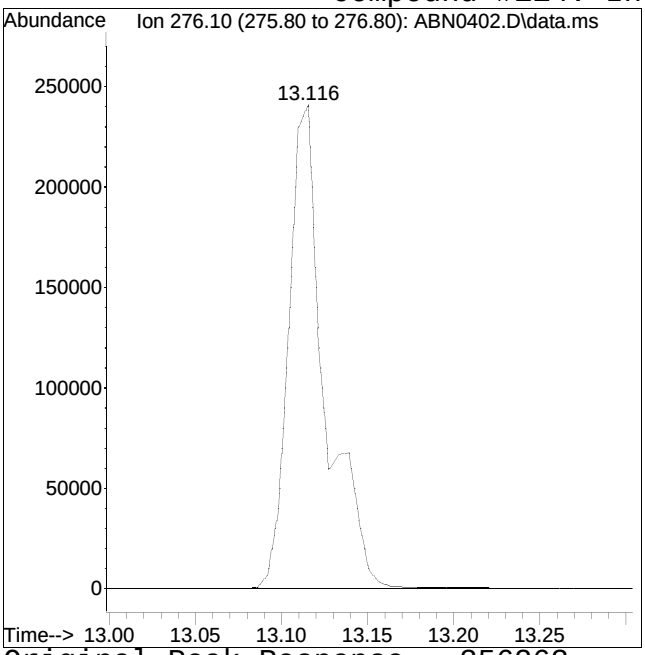


Original Peak Response = 347686 Manual Peak Response = 283471 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

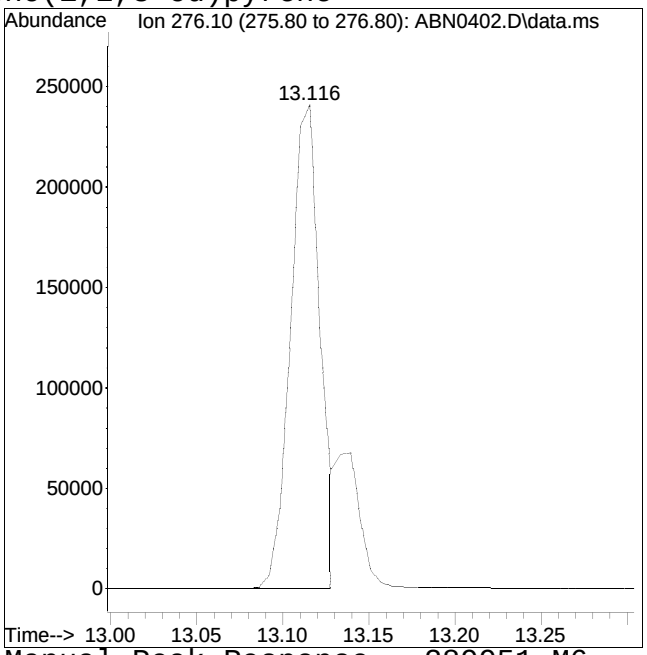
Manual Integration Report

Data Path : I:\8270\SV112\260402RVT\ QMethod : FS260206SV112RVT.m
Data File : ABN0402.D Operator : SV112:jg
Date Inj'd : 4/2/2026 11:25 am Instrument : SV112
Sample : WG2193052-3,32,,ABN 12287 Quant Date : 4/2/2026 12:11 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 356263



Manual Peak Response = 289951 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260402RVT\
Data File : AP90402.D
Acq On : 02 Apr 2026 11:44 am
Operator : SV112:jg
Sample : WG2193052-4,32,,AP9 12162 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Apr 02 12:11:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:11:55 2026
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)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	129	0.00
28	T	Benzaldehyde	0.992	1.076	-8.5	135	0.00
29	T	Acetophenone	1.732	1.904	-9.9	133	0.00
30	T	m-Toluidine	1.646	1.843	-12.0	133	0.00
31	T	2-Chloroaniline	1.535	1.689	-10.0	134	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	133	0.00
56	T	a-Terpineol	0.245	0.310	-26.5#	161	0.00
57	T	3-Chloroaniline	0.140	0.158	-12.9	141	0.00
58	T	2,6-Dichlorophenol	0.285	0.335	-17.5	143	0.00
59	T	1-chloro-2-nitrobenzene	0.116	0.152	-31.0#	172	0.00
60	T	Caprolactam	0.155	0.185	-19.4	162	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.423	0.446	-5.4	134	0.00
62	T	Biphenyl	0.911	0.961	-5.5	133	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	136	0.00
84	T	Dichloran	0.159	0.222	-39.6#	193	0.00
85	T	Pentachloronitrobenzene	0.179	0.229	-27.9#	167	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	129	0.00
99	T	Diphenamid	0.473	0.505	-6.8	126	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : AP90402.D
Acq On : 02 Apr 2026 11:44 am
Operator : SV112:jg
Sample : WG2193052-4,32,,AP9 12162 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Apr 02 12:11:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:11:55 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.828	152	25830	4.000	ug/ml	0.00
55) IS2_Naphthalene-d8	5.022	136	101110	4.000	ug/ml	0.00
83) IS2_Acenaphthene-d10	6.705	164	67555	4.000	ug/ml	0.00
98) IS2_Phenanthrene-d10	8.122	188	153381	4.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.422	105	34734	5.420	ug/ml	99
29) Acetophenone	4.211	105	61490	5.497	ug/ml	98
30) m-Toluidine	4.287	106	59515	5.600	ug/ml	98
31) 2-Chloroaniline	4.640	127	54526	5.500	ug/ml	100
56) a-Terpineol	5.081	59	39144	6.308	ug/ml	97
57) 3-Chloroaniline	5.093	65	19934	5.621	ug/ml	95
58) 2,6-Dichlorophenol	5.122	162	42397	5.890	ug/ml	92
59) 1-chloro-2-nitrobenzene	5.369	111	19245	6.580	ug/ml	95
60) Caprolactam	5.405	55	23386	5.972	ug/ml	97
61) 1,2,4,5-Tetrachloroben...	5.881	216	56356	5.269	ug/ml	96
62) Biphenyl	6.169	154	121469	5.278	ug/ml	98
84) Dichloran	7.828	206	18721	6.959	ug/ml#	65
85) Pentachloronitrobenzene	7.981	237	19314	6.378	ug/ml#	79
99) Diphenamid	9.034	167	96831	5.336	ug/ml	88

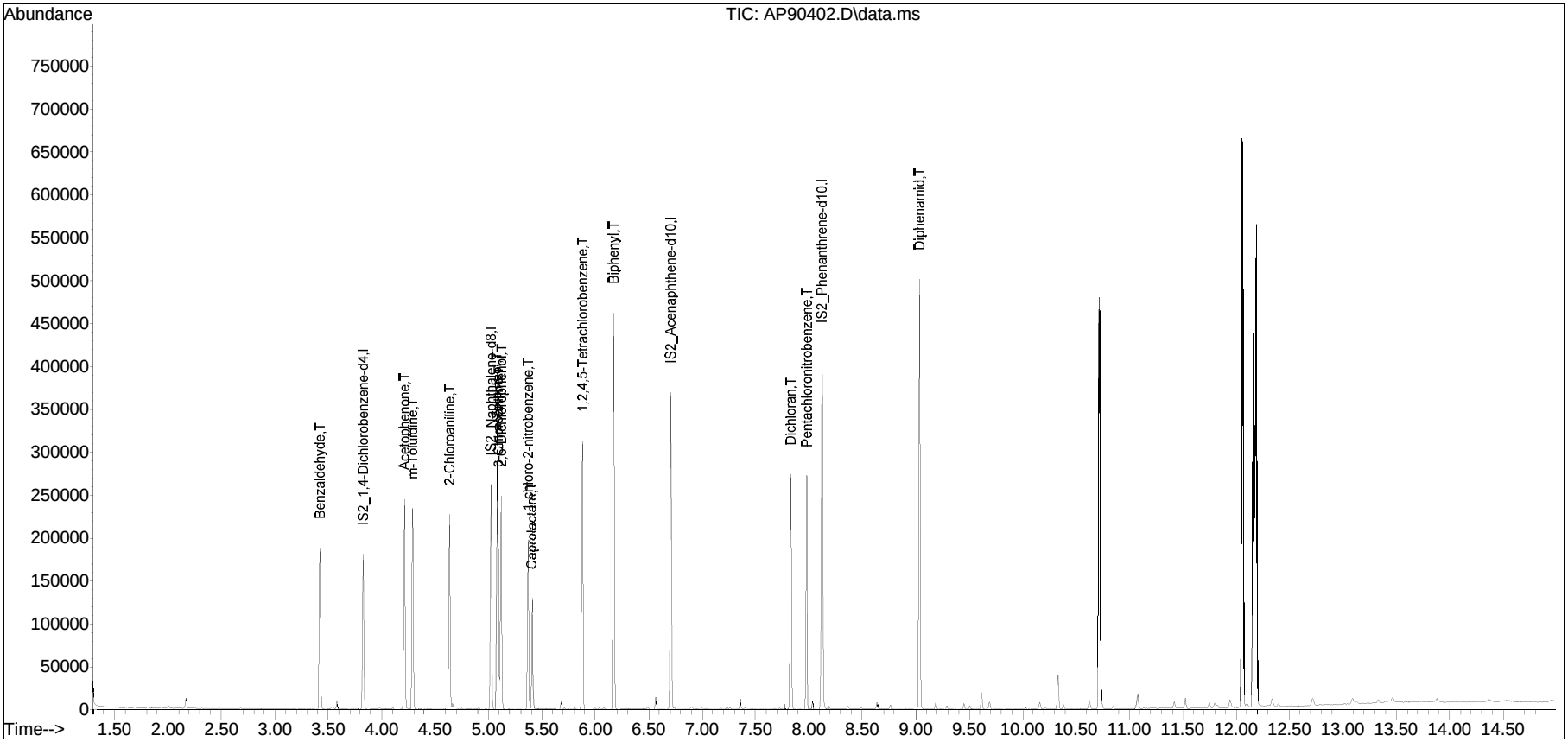
(#) = qualifier out of range (m) = manual integration (+) = signals summed

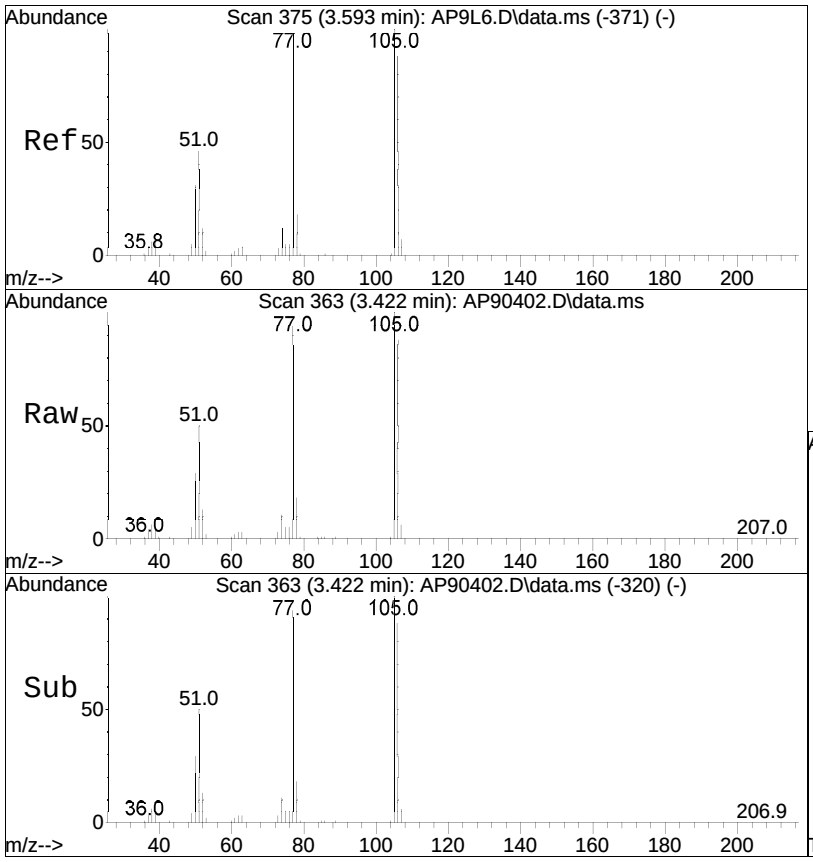
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : AP90402.D
Acq On : 02 Apr 2026 11:44 am
Operator : SV112:jg
Sample : WG2193052-4,32,,AP9 12162 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Apr 02 12:11:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:11:55 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

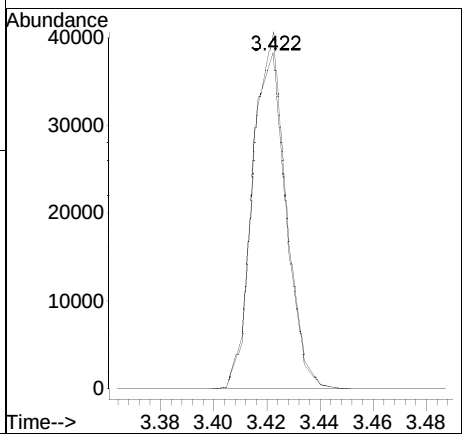


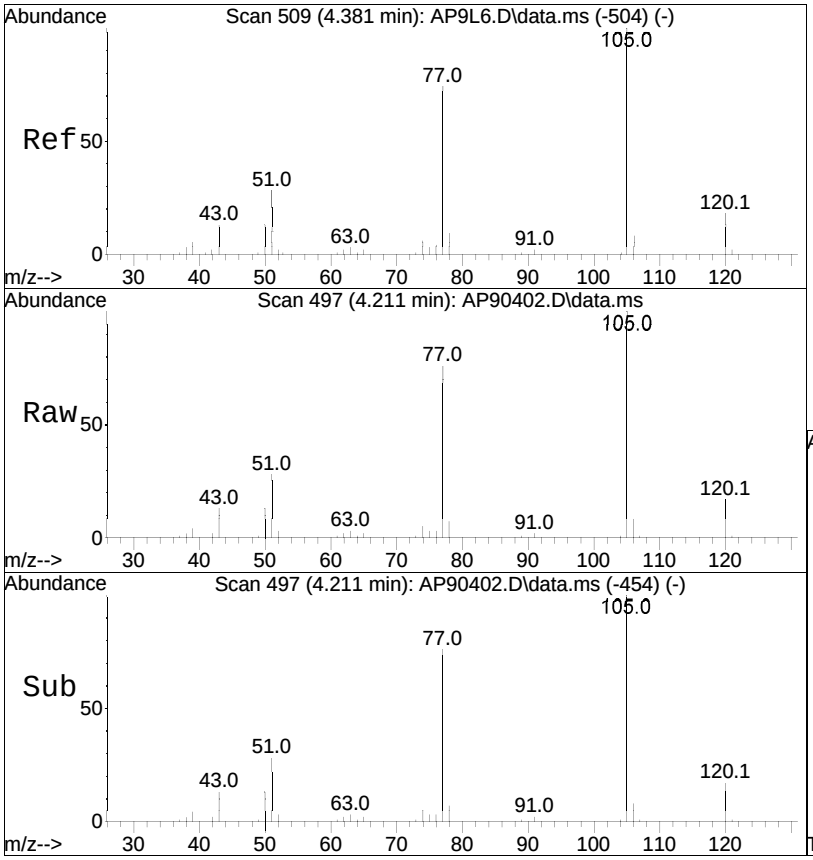


#28
Benzaldehyde
Concen: 5.42 ug/ml
RT: 3.422 min Scan# 363
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:105 Resp: 34734

Ion	Ratio	Lower	Upper
105	100		
77	97.5	77.0	115.6

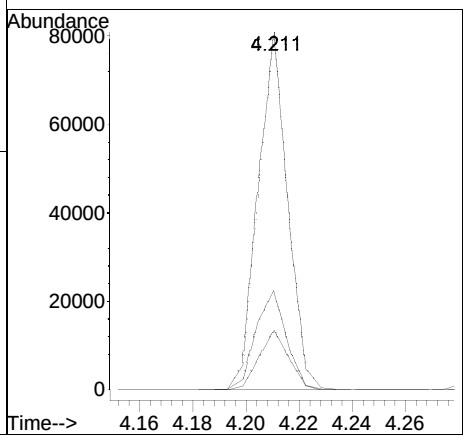


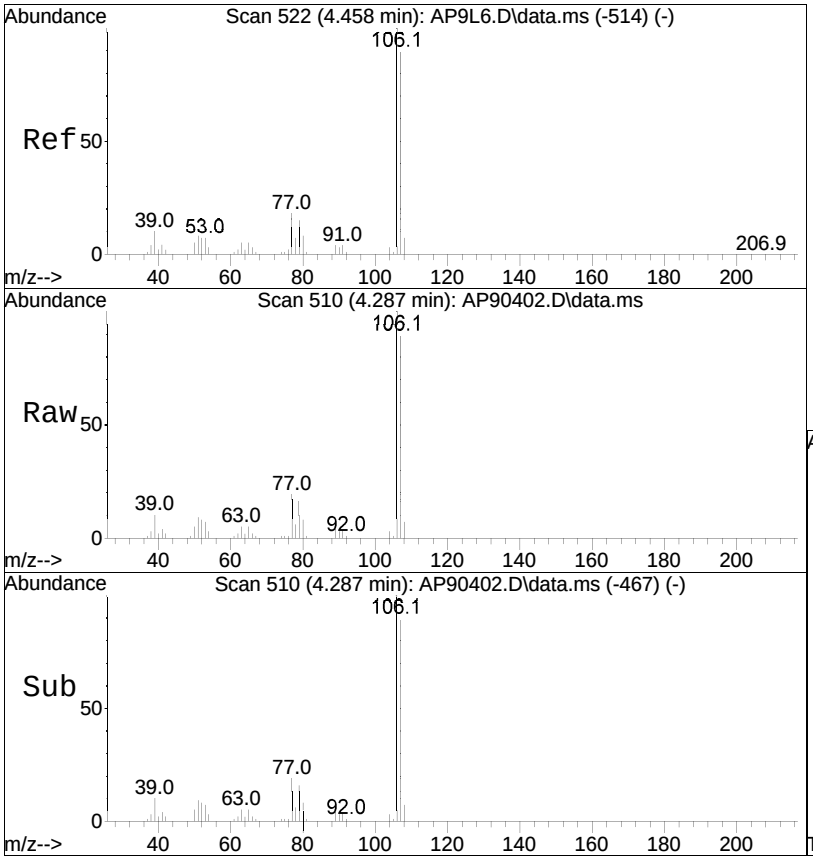


#29
Acetophenone
Concen: 5.50 ug/ml
RT: 4.211 min Scan# 497
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:105 Resp: 61490

Ion	Ratio	Lower	Upper
105	100		
120	16.8	15.2	22.8
51	29.1	23.1	34.7

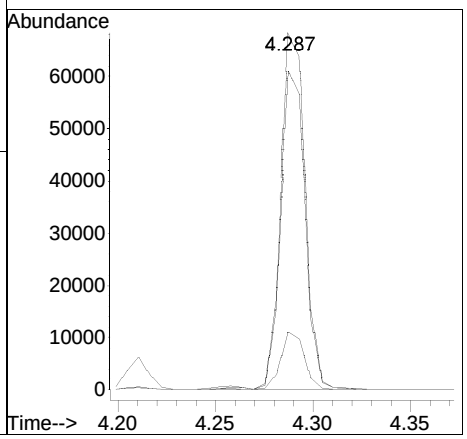


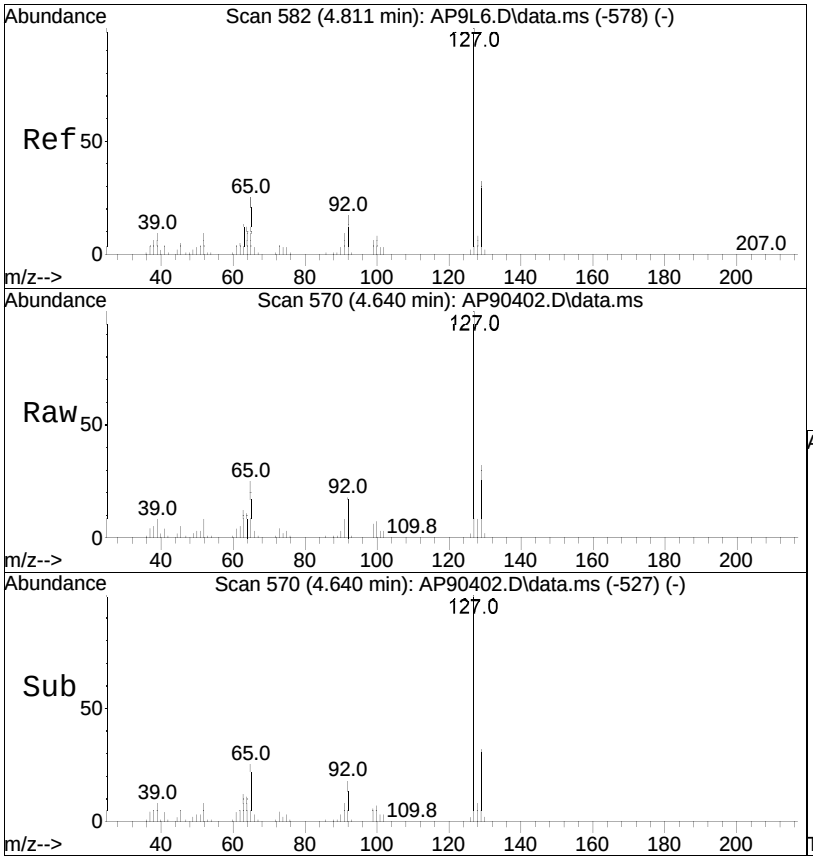


#30
m-Toluidine
Concen: 5.60 ug/ml
RT: 4.287 min Scan# 510
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:106 Resp: 59515

Ion	Ratio	Lower	Upper
106	100		
107	88.5	72.3	108.5
79	15.4	12.2	18.2

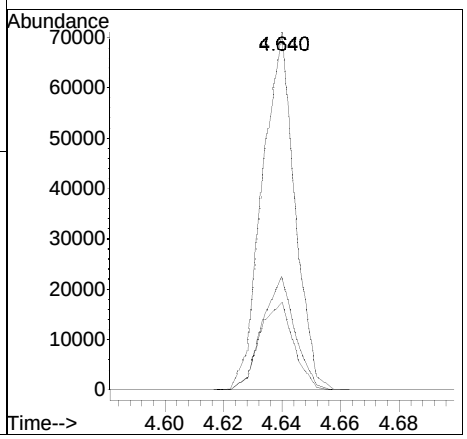


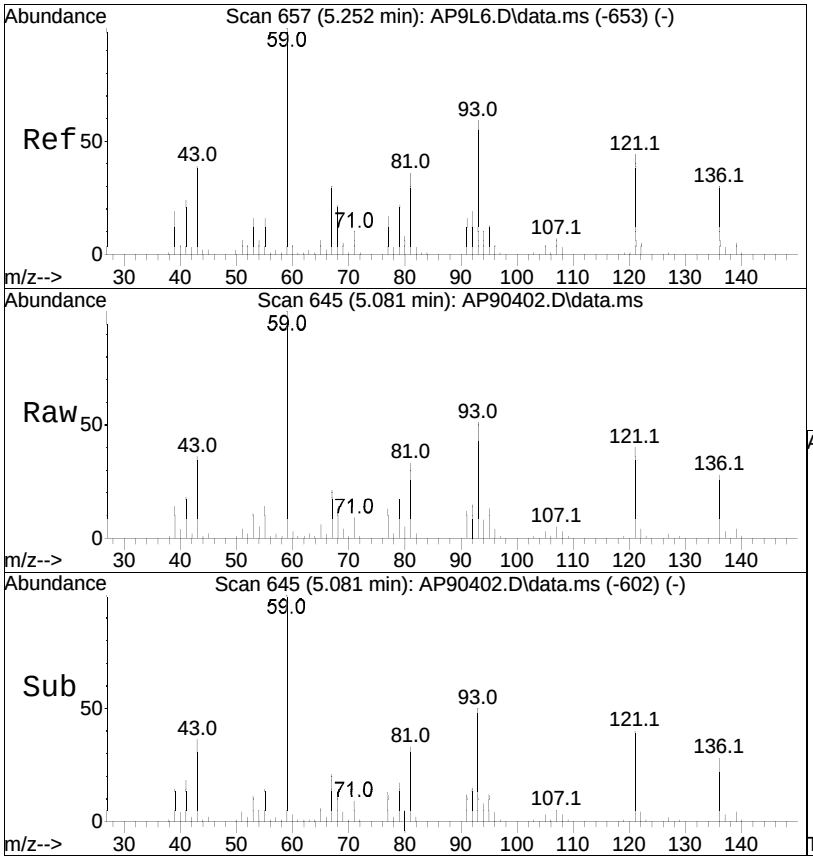


#31
2-Chloroaniline
Concen: 5.50 ug/ml
RT: 4.640 min Scan# 570
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:127 Resp: 54526

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	26.0	20.5	30.7

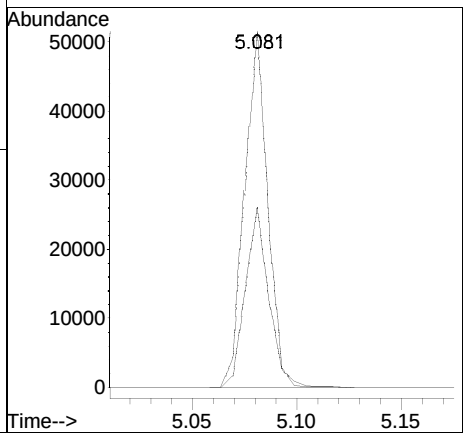


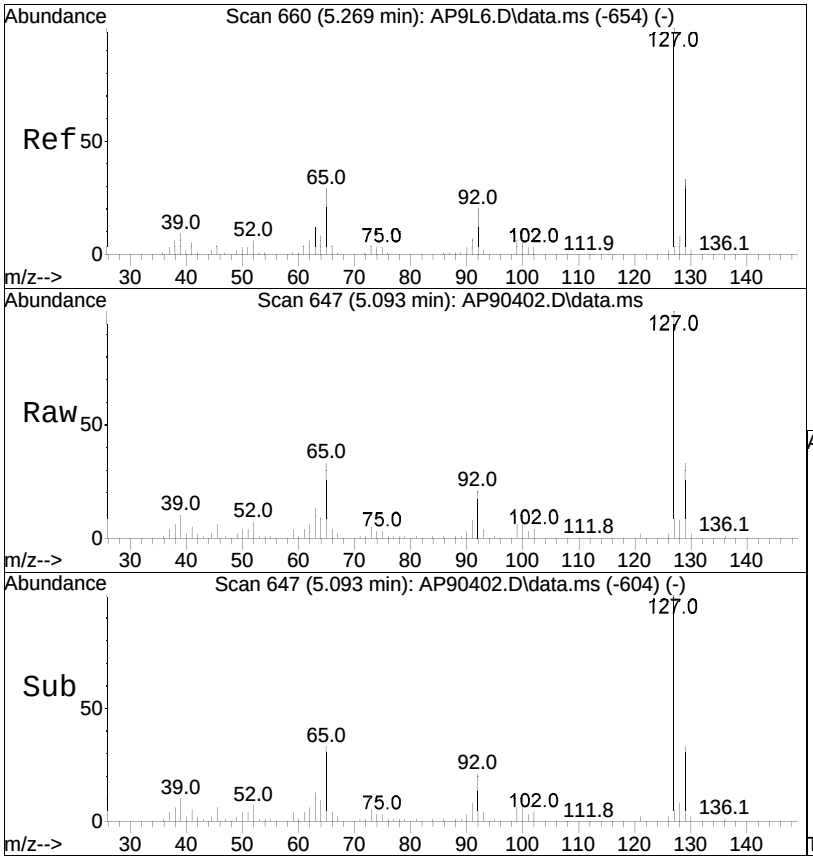


#56
a-Terpineol
Concen: 6.31 ug/ml
RT: 5.081 min Scan# 645
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion: 59 Resp: 39144

Ion	Ratio	Lower	Upper
59	100		
93	52.1	43.5	65.3

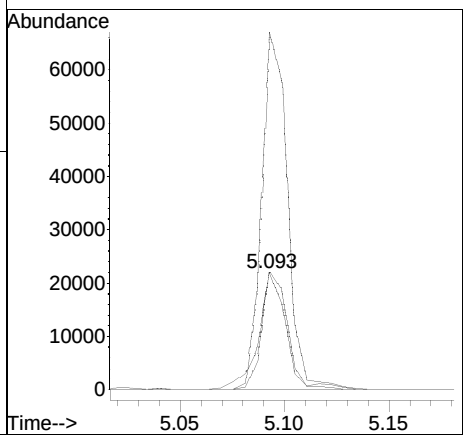


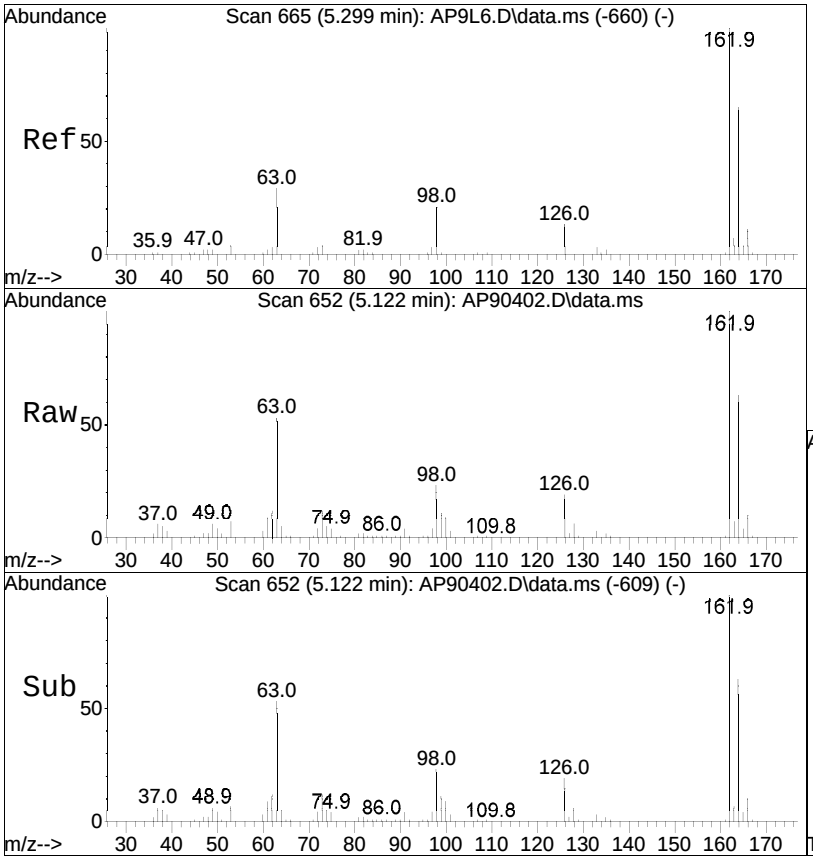


#57
3-Chloroaniline
Concen: 5.62 ug/ml
RT: 5.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion: 65 Resp: 19934

Ion	Ratio	Lower	Upper
65	100		
127	284.2	236.6	355.0
129	93.0	76.6	115.0

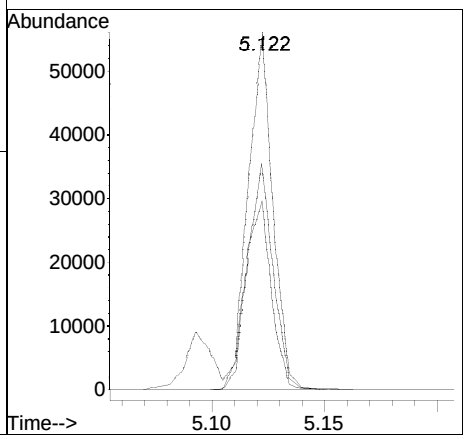


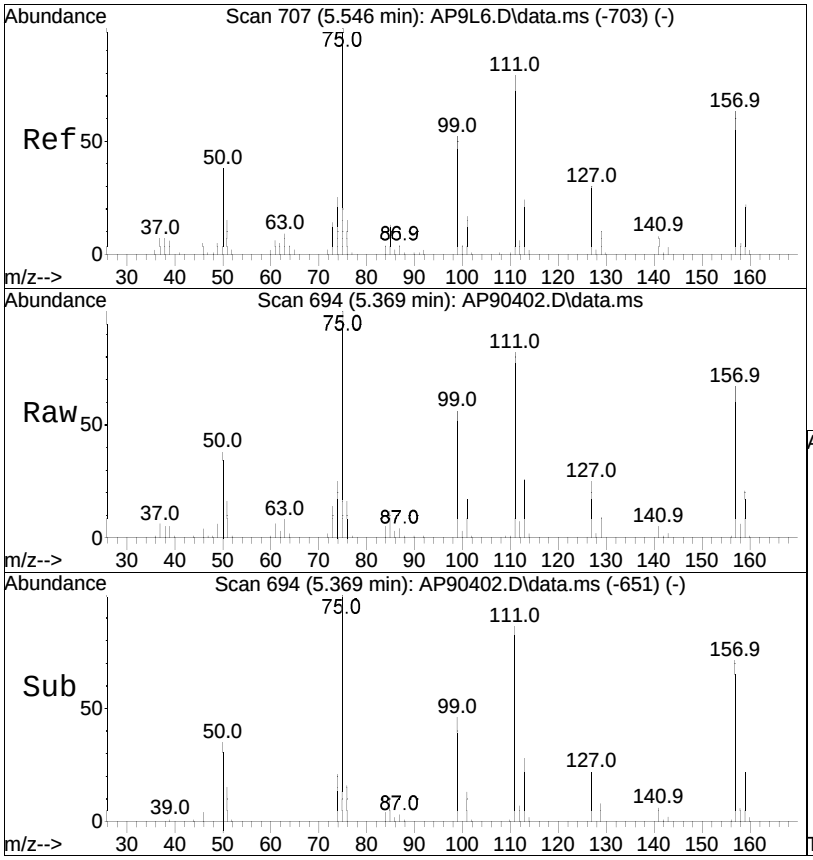


#58
2,6-Dichlorophenol
Concen: 5.89 ug/ml
RT: 5.122 min Scan# 652
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:162 Resp: 42397

Ion	Ratio	Lower	Upper
162	100		
164	64.7	50.8	76.2
63	56.1	53.6	80.4

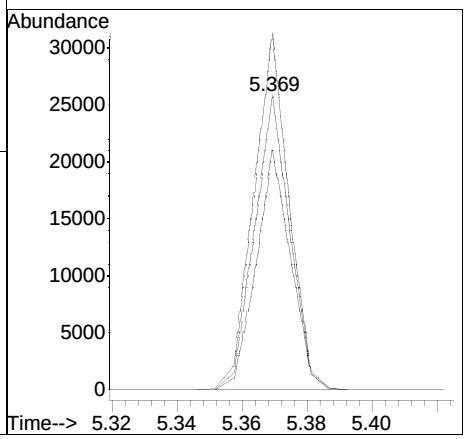


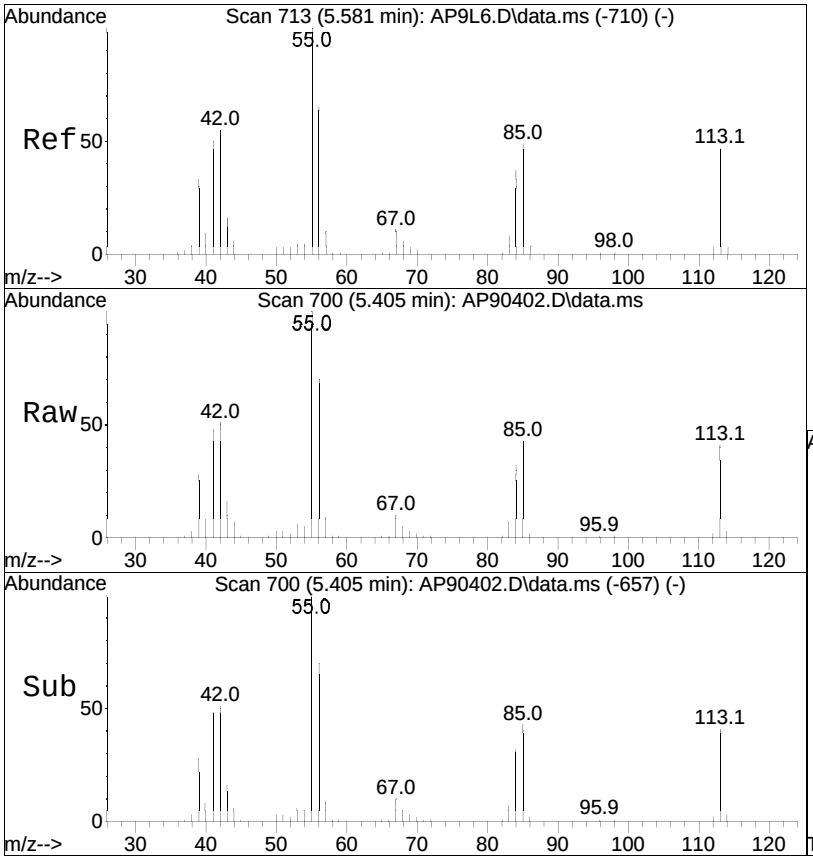


#59
1-chloro-2-nitrobenzene
Concen: 6.58 ug/ml
RT: 5.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:111 Resp: 19245

Ion	Ratio	Lower	Upper
111	100		
157	80.1	56.2	84.2
75	121.1	97.8	146.6

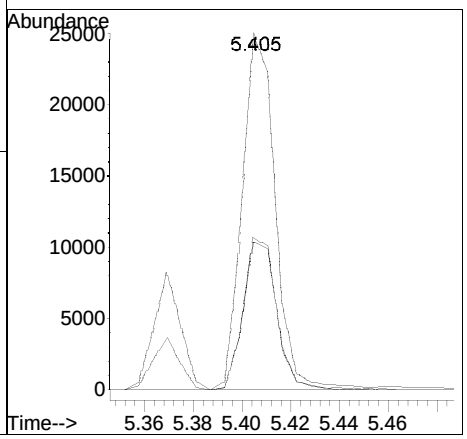


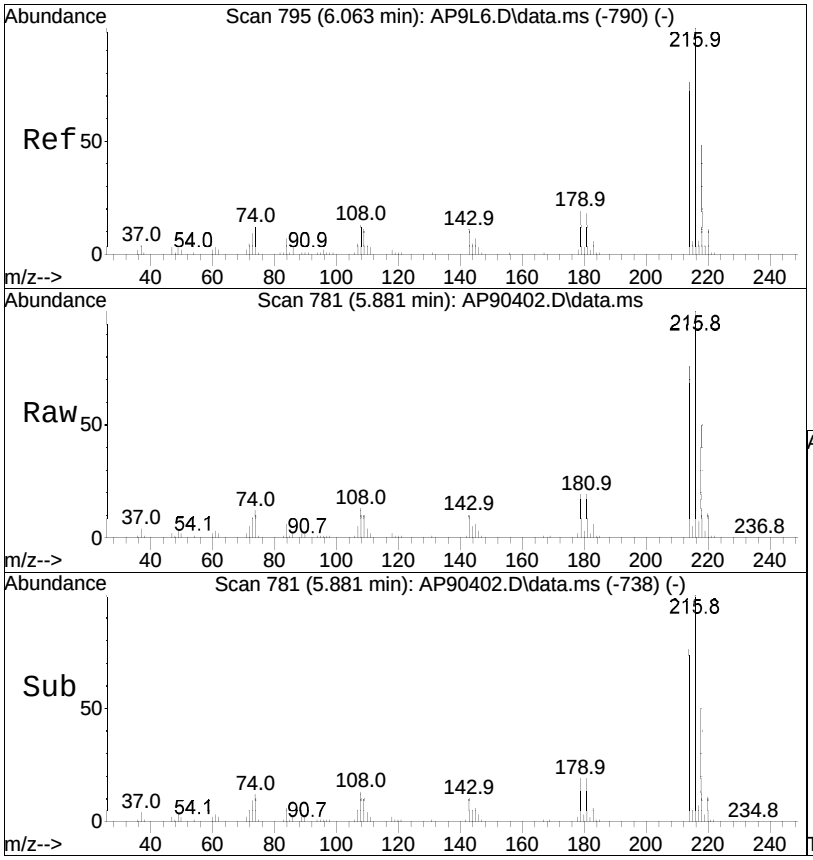


#60
Caprolactam
Concen: 5.97 ug/ml
RT: 5.405 min Scan# 700
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion: 55 Resp: 23386

Ion	Ratio	Lower	Upper
55	100		
85	43.1	35.2	52.8
113	42.8	36.6	55.0

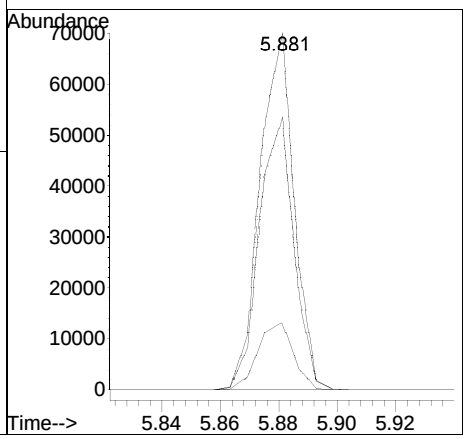


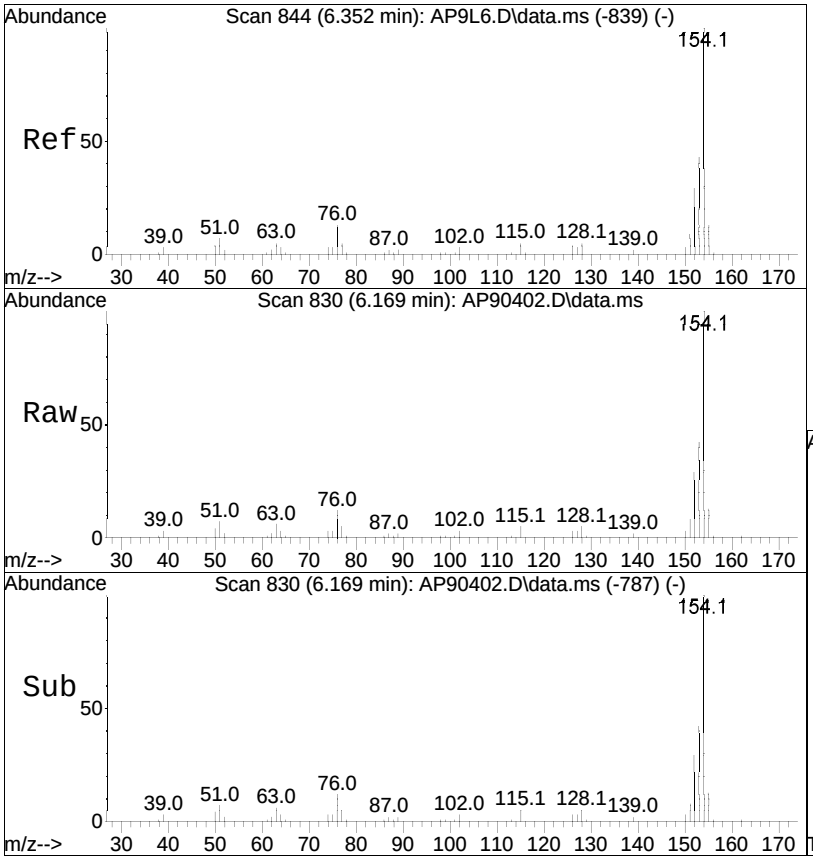


#61
1,2,4,5-Tetrachlorobenzene
Concen: 5.27 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:216 Resp: 56356

Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.0	96.0
179	19.8	18.7	28.1

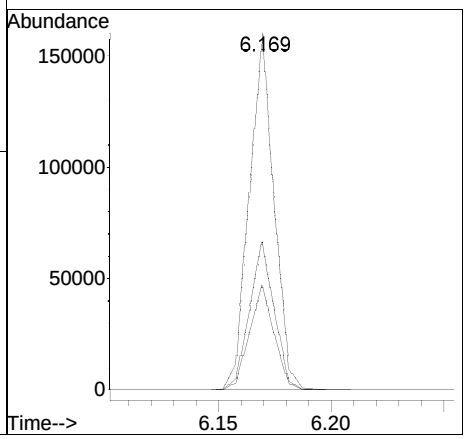


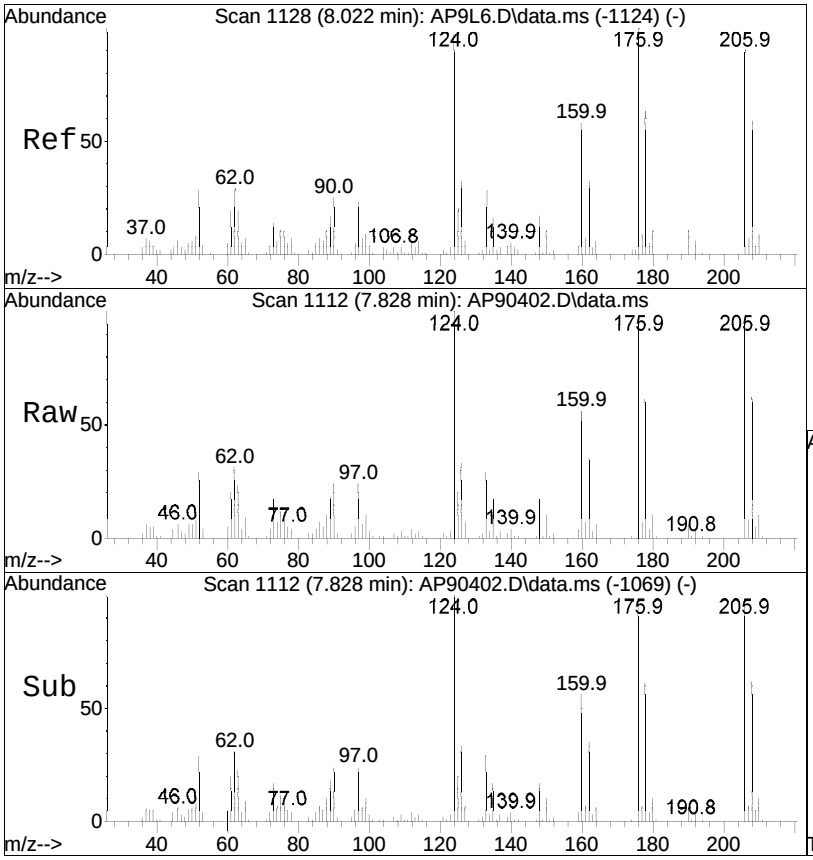


#62
Biphenyl
Concen: 5.28 ug/ml
RT: 6.169 min Scan# 830
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:154 Resp: 121469

Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.5	48.7
152	29.3	22.6	34.0

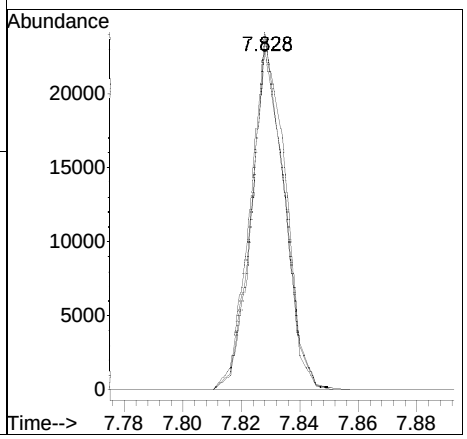


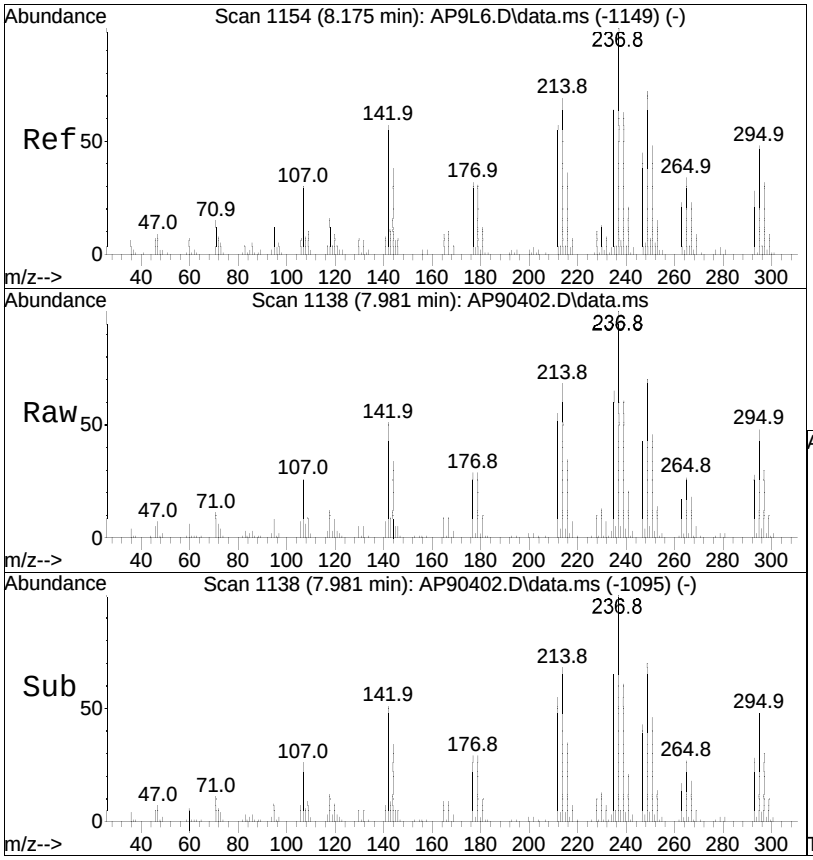


#84
Dichloran
Concen: 6.96 ug/ml
RT: 7.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:206 Resp: 18721

Ion	Ratio	Lower	Upper
206	100		
176	96.6	98.8	148.2#
124	99.6	125.8	188.6#

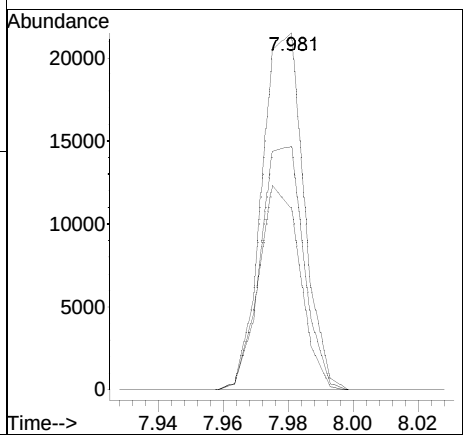


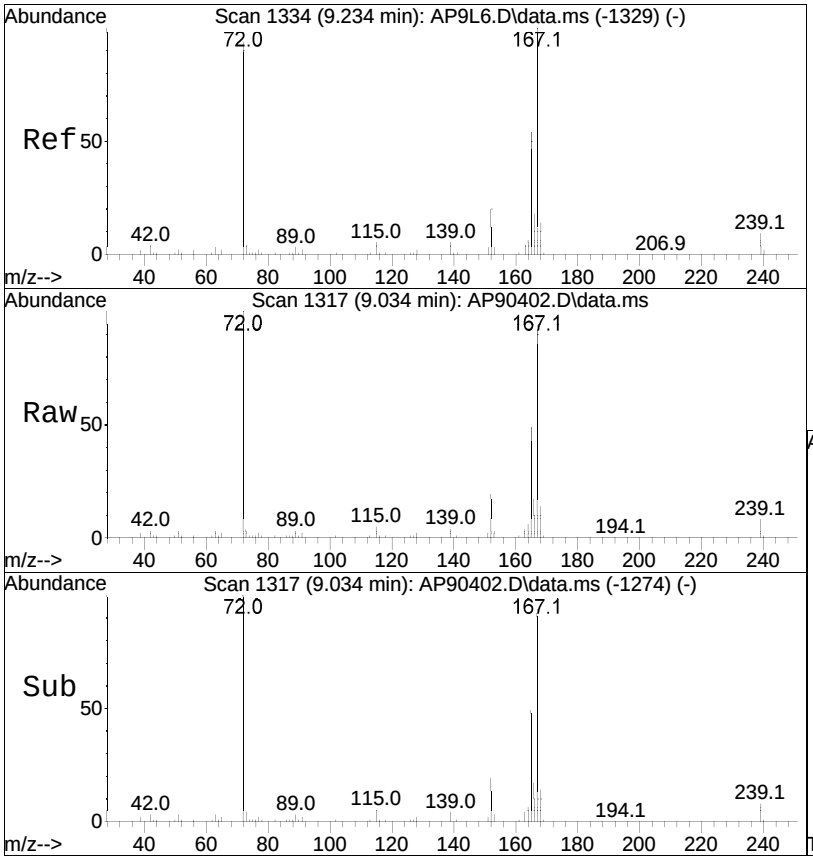


#85
Pentachloronitrobenzene
Concen: 6.38 ug/ml
RT: 7.981 min Scan# 1138
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:237 Resp: 19314

Ion	Ratio	Lower	Upper
237	100		
142	56.7	70.3	105.5#
214	69.9	59.4	89.2

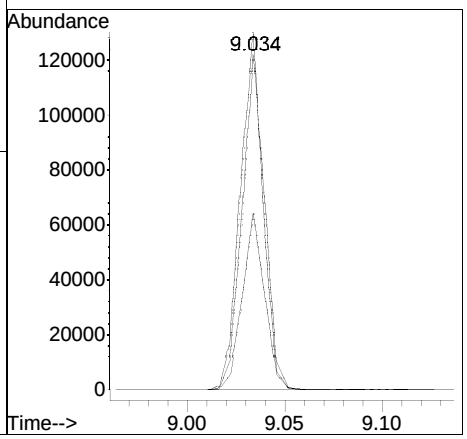




#99
Diphenamid
Concen: 5.34 ug/ml
RT: 9.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: AP90402.D
Acq: 02 Apr 2026 11:44 am

Tgt Ion:167 Resp: 96831

Ion	Ratio	Lower	Upper
167	100		
72	106.4	98.9	148.3
165	53.0	40.4	60.6



Manual Integration Report

Data Path	: I:\8270\SV112\260402RVT\	QMethod	: FS260206SV112RVT.m
Data File	: AP90402.D	Operator	: SV112:jg
Date Inj'd	: 4/2/2026 11:44 am	Instrument	: SV112
Sample	: WG2193052-4,32,,AP9 12162	Quant Date	: 4/2/2026 12:12 pm

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

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260402RVT\
Data File : ADP0402.D
Acq On : 02 Apr 2026 12:03 pm
Operator : SV112:jg
Sample : WG2193052-5,32,,ADP 12057 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Apr 02 12:26:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:55 2026
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)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	123	0.00
33	T	1,4-Dioxane		0.422	0.493	-16.8	146	0.00
34	T	n-Decane		1.225	1.402	-14.4	139	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	122	0.00
87	T	Atrazine		0.465	0.471	-1.3	118	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	120	0.00
101	T	n-Octadecane		0.385	0.392	-1.8	123	0.00
102	T	Parathion	*	5.000	5.810	-16.2	158	0.00
103	T	3,3'-Dimethylbenzidine		0.750	0.808	-7.7	114	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : ADP0402.D
Acq On : 02 Apr 2026 12:03 pm
Operator : SV112:jg
Sample : WG2193052-5,32,,ADP 12057 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Apr 02 12:26:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:55 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
32) IS3_1,4-Dichlorobenzen...	3.828	152	26378	4.000	ug/ml		0.00
86) IS3_Acenaphthene-d10	6.704	164	63794	4.000	ug/ml		0.00
100) IS3_Phenanthrene-d10	8.122	188	153098	4.000	ug/ml	#	0.00
System Monitoring Compounds							
Target Compounds							Qvalue
33) 1,4-Dioxane	1.428	88	16241	5.830	ug/ml	#	79
34) n-Decane	3.722	57	46237	5.723	ug/ml		95
87) Atrazine	7.910	200	37521	5.062	ug/ml		99
101) n-Octadecane	8.122	57	74942	5.086	ug/ml		97
102) Parathion	8.916	109	18899	5.810	ug/ml	#	87
103) 3,3'-Dimethylbenzidine	10.175	212	154633	5.390	ug/ml		99

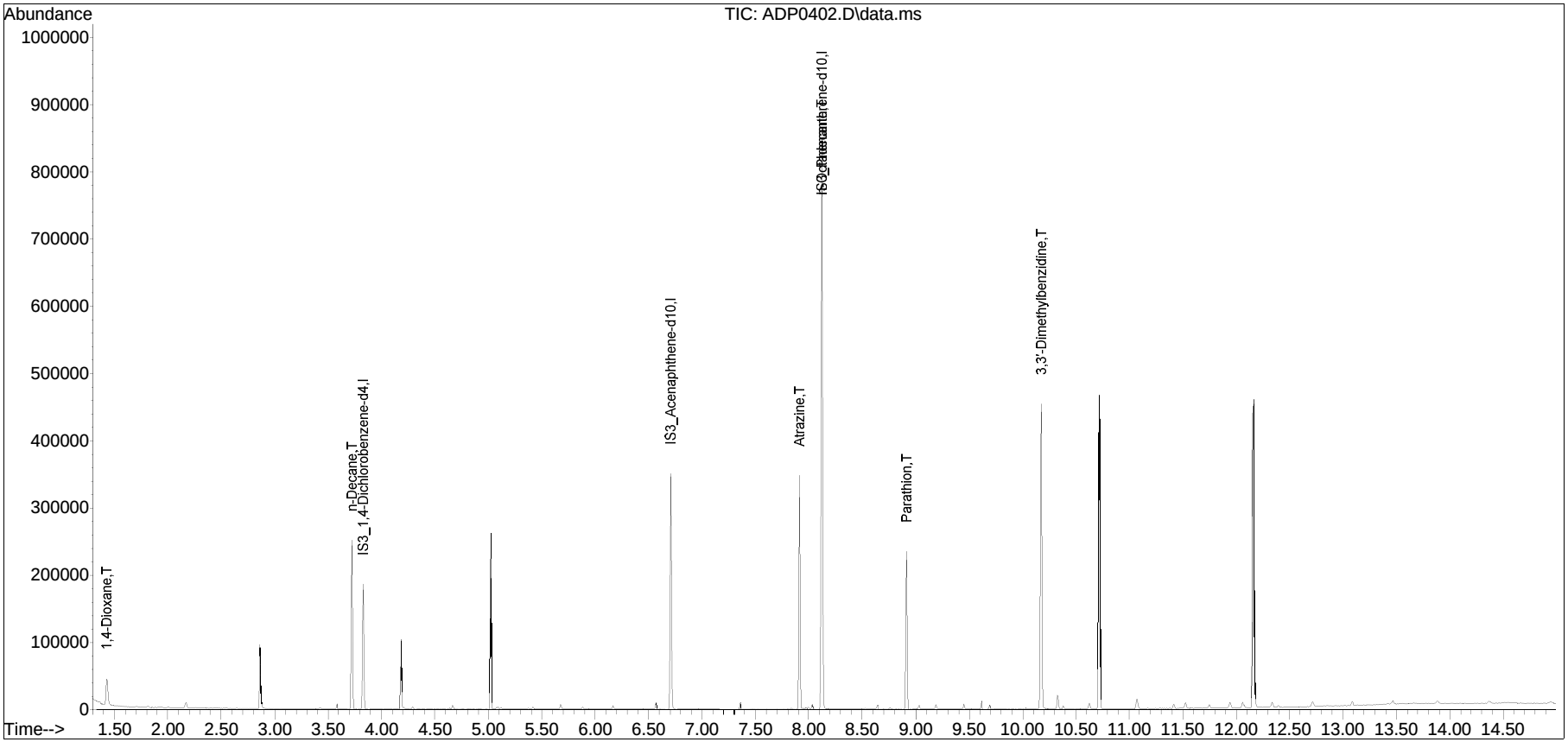
(#) = qualifier out of range (m) = manual integration (+) = signals summed

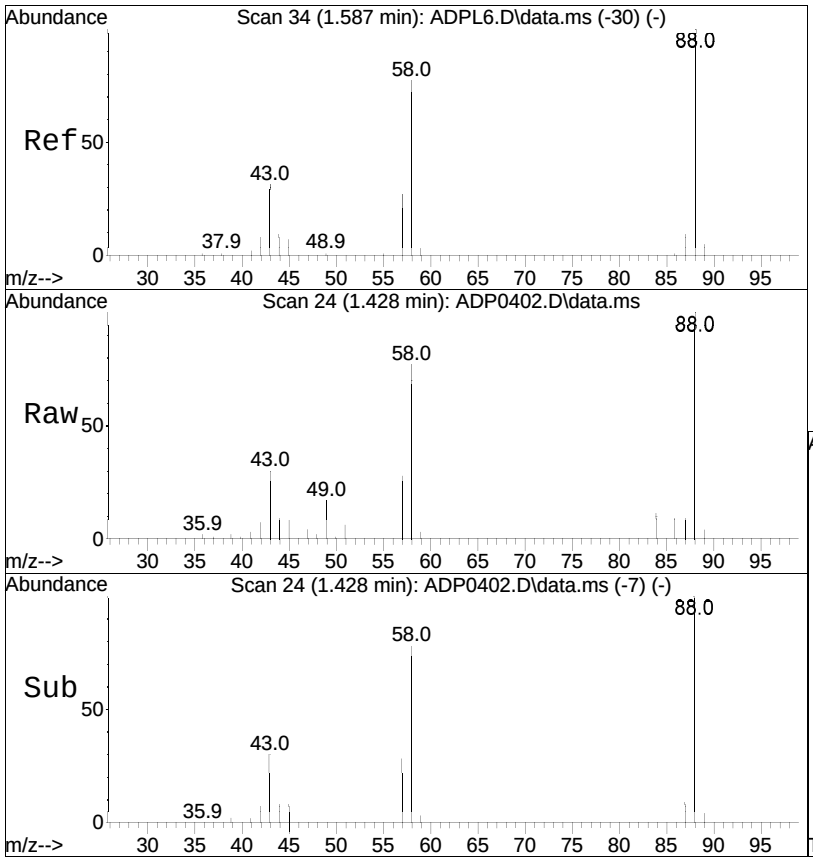
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : ADP0402.D
Acq On : 02 Apr 2026 12:03 pm
Operator : SV112:jg
Sample : WG2193052-5,32,,ADP 12057 smc0329A
Misc : WG2193052,,ical23047
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Apr 02 12:26:34 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:55 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

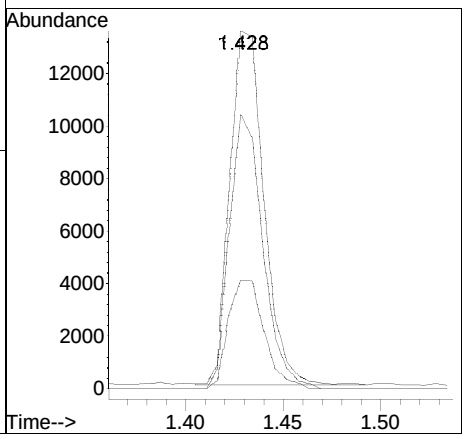


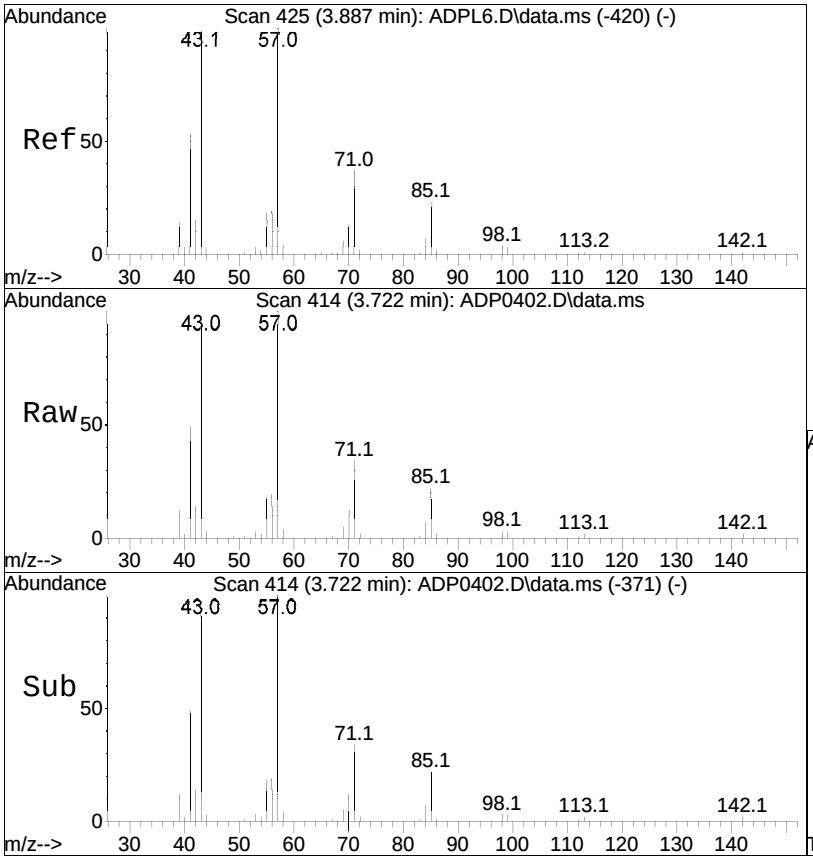


#33
1,4-Dioxane
Concen: 5.83 ug/ml
RT: 1.428 min Scan# 24
Delta R.T. 0.000 min
Lab File: ADP0402.D
Acq: 02 Apr 2026 12:03 pm

Tgt Ion: 88 Resp: 16241

Ion	Ratio	Lower	Upper
88	100		
58	75.9	44.8	67.2#
43	32.4	22.4	33.6

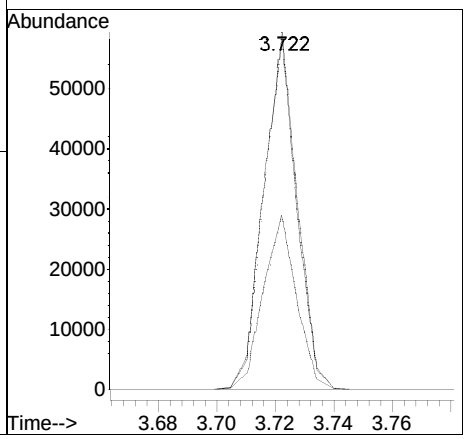


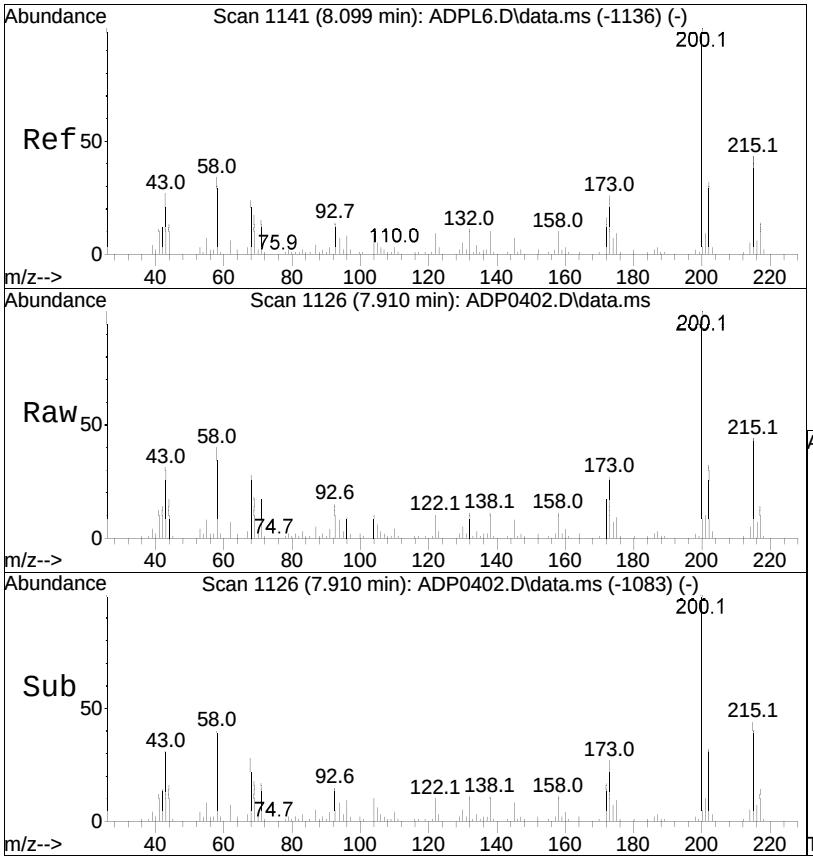


#34
n-Decane
Concen: 5.72 ug/ml
RT: 3.722 min Scan# 414
Delta R.T. 0.000 min
Lab File: ADP0402.D
Acq: 02 Apr 2026 12:03 pm

Tgt Ion: 57 Resp: 46237

Ion	Ratio	Lower	Upper
57	100		
43	97.8	75.4	113.2
41	49.1	35.0	52.6

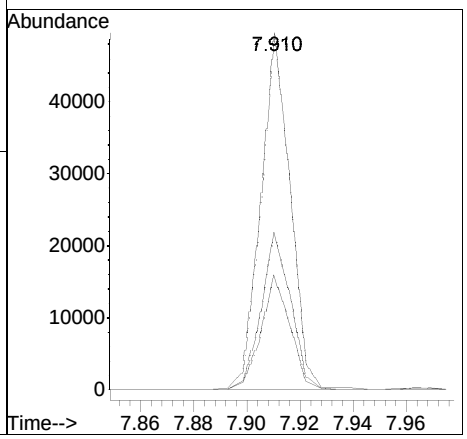


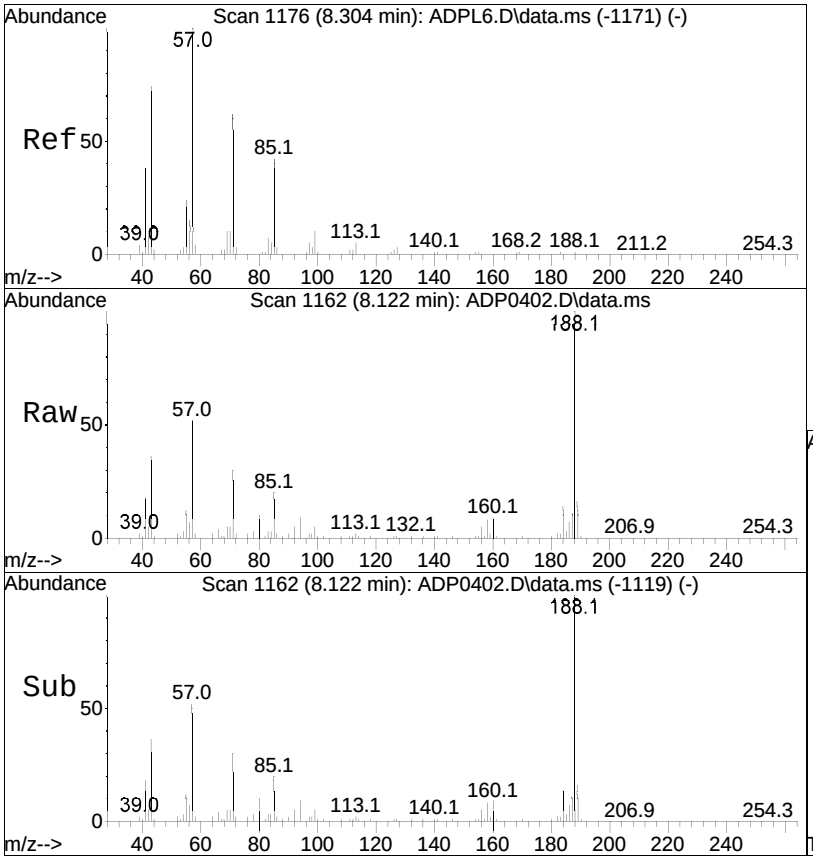


#87
Atrazine
Concen: 5.06 ug/ml
RT: 7.910 min Scan# 1126
Delta R.T. 0.000 min
Lab File: ADP0402.D
Acq: 02 Apr 2026 12:03 pm

Tgt Ion:200 Resp: 37521

Ion	Ratio	Lower	Upper
200	100		
202	31.8	25.0	37.6
215	44.2	34.5	51.7

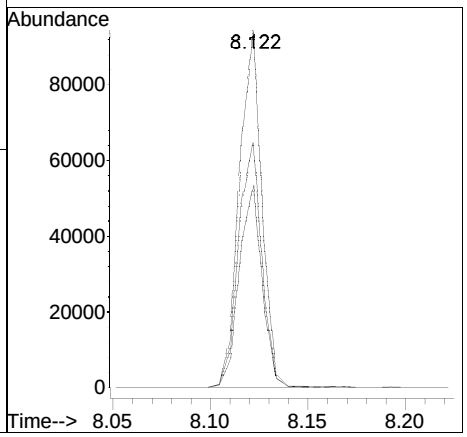


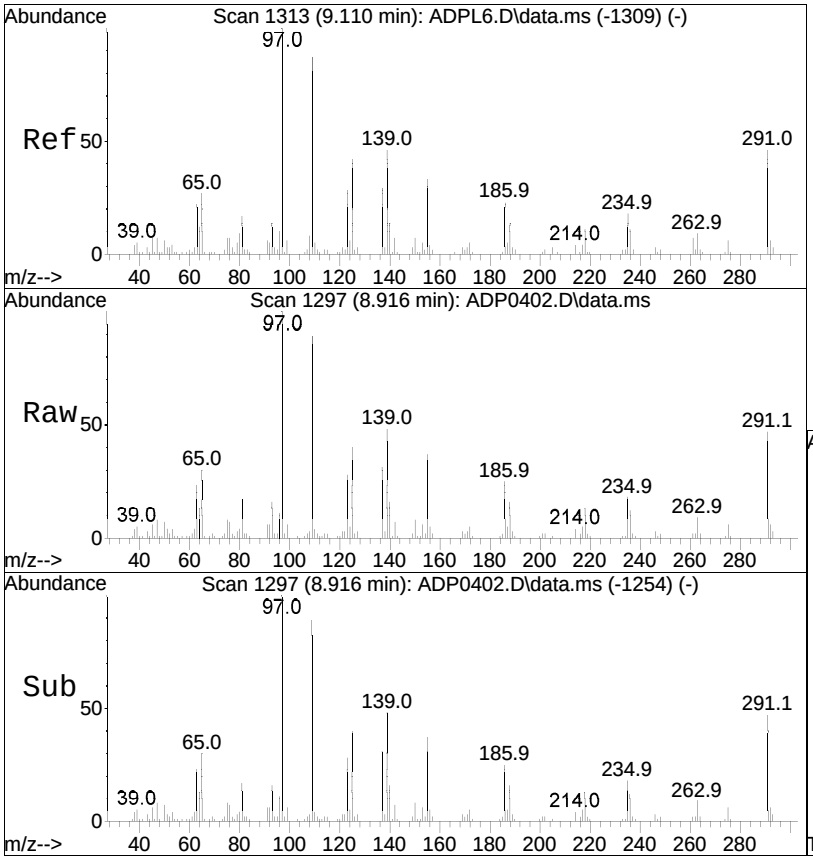


#101
n-Octadecane
Concen: 5.09 ug/ml
RT: 8.122 min Scan# 1162
Delta R.T. 0.000 min
Lab File: ADP0402.D
Acq: 02 Apr 2026 12:03 pm

Tgt Ion: 57 Resp: 74942

Ion	Ratio	Lower	Upper
57	100		
43	71.0	54.3	81.5
71	57.5	45.1	67.7

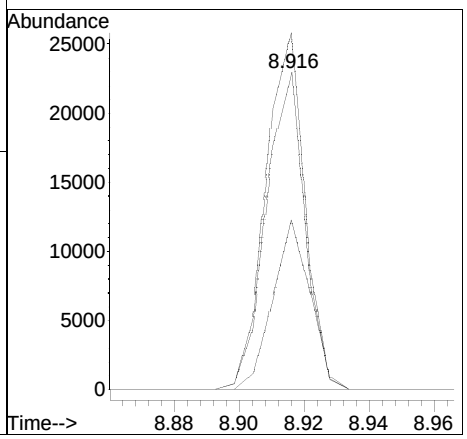


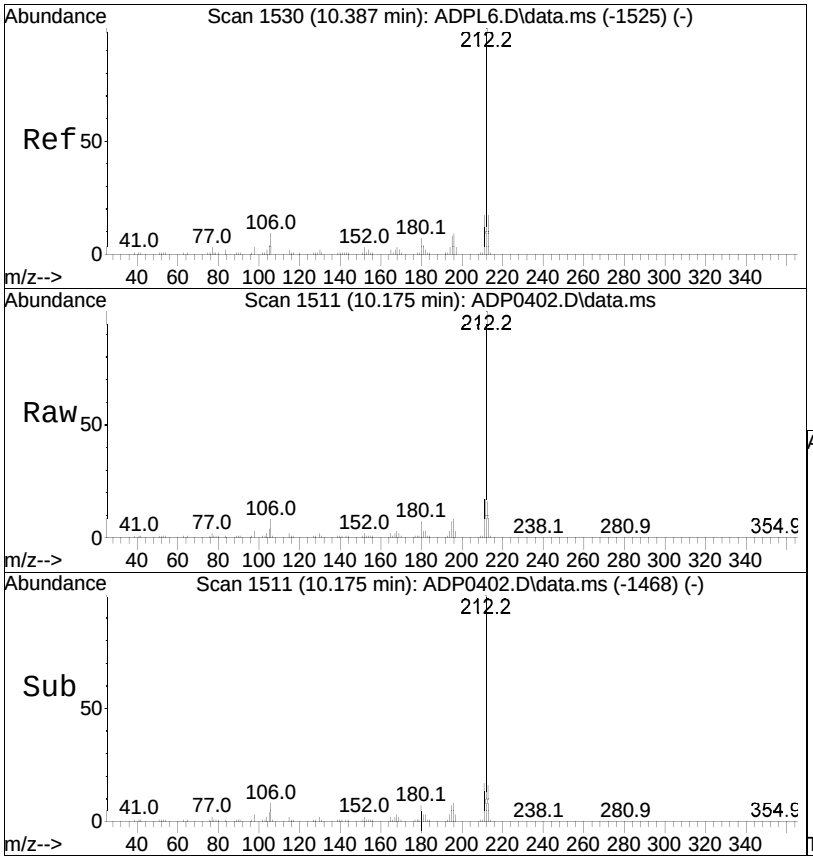


#102
Parathion
Concen: 5.81 ug/ml
RT: 8.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: ADP0402.D
Acq: 02 Apr 2026 12:03 pm

Tgt Ion:109 Resp: 18899

Ion	Ratio	Lower	Upper
109	100		
97	113.5	85.4	128.2
291	51.6	25.4	38.2#

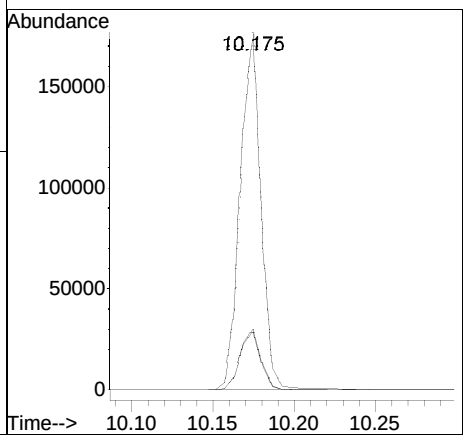




#103
3,3'-Dimethylbenzidine
Concen: 5.39 ug/ml
RT: 10.175 min Scan# 1511
Delta R.T. 0.000 min
Lab File: ADP0402.D
Acq: 02 Apr 2026 12:03 pm

Tgt Ion:212 Resp: 154633

Ion	Ratio	Lower	Upper
212	100		
211	17.1	13.3	19.9
213	16.5	13.4	20.2



Manual Integration Report

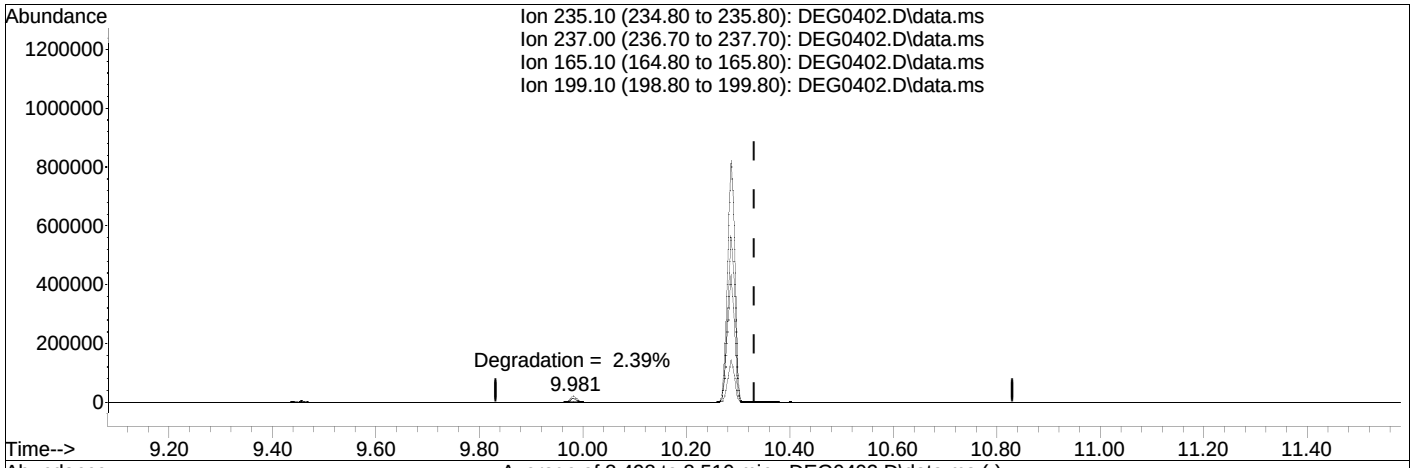
Data Path	: I:\8270\SV112\260402RVT\	QMethod	: FS260206SV112RVT.m
Data File	: ADP0402.D	Operator	: SV112:jg
Date Inj'd	: 4/2/2026 12:03 pm	Instrument	: SV112
Sample	: WG2193052-5,32,,ADP 12057	Quant Date	: 4/2/2026 12:27 pm

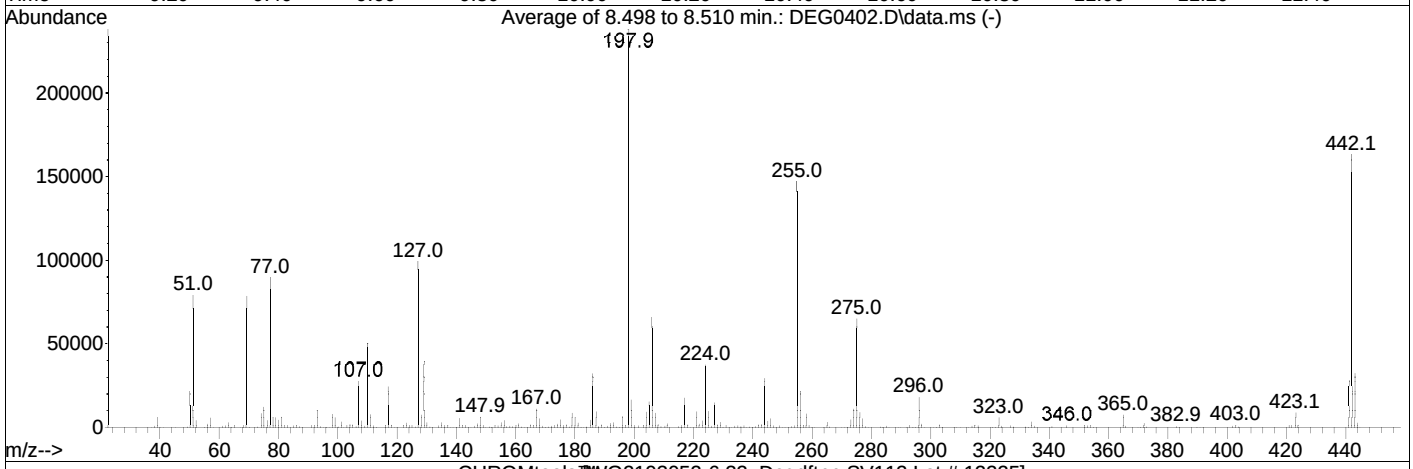
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260402RVT\
Data File : DEG0402.D
Acq On : 02 Apr 2026 11:05 am
Operator : SV112:jg
Sample : WG2193052-2,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193052,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Apr 02 11:30:06 2026
Quant Method : I:\8270\SV112\260402RVT\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools [WG2193052-6,32,,Degdftpp SV112 Lot # 12225]

(6) DDT (T)

10.287min (-0.044) 0.00

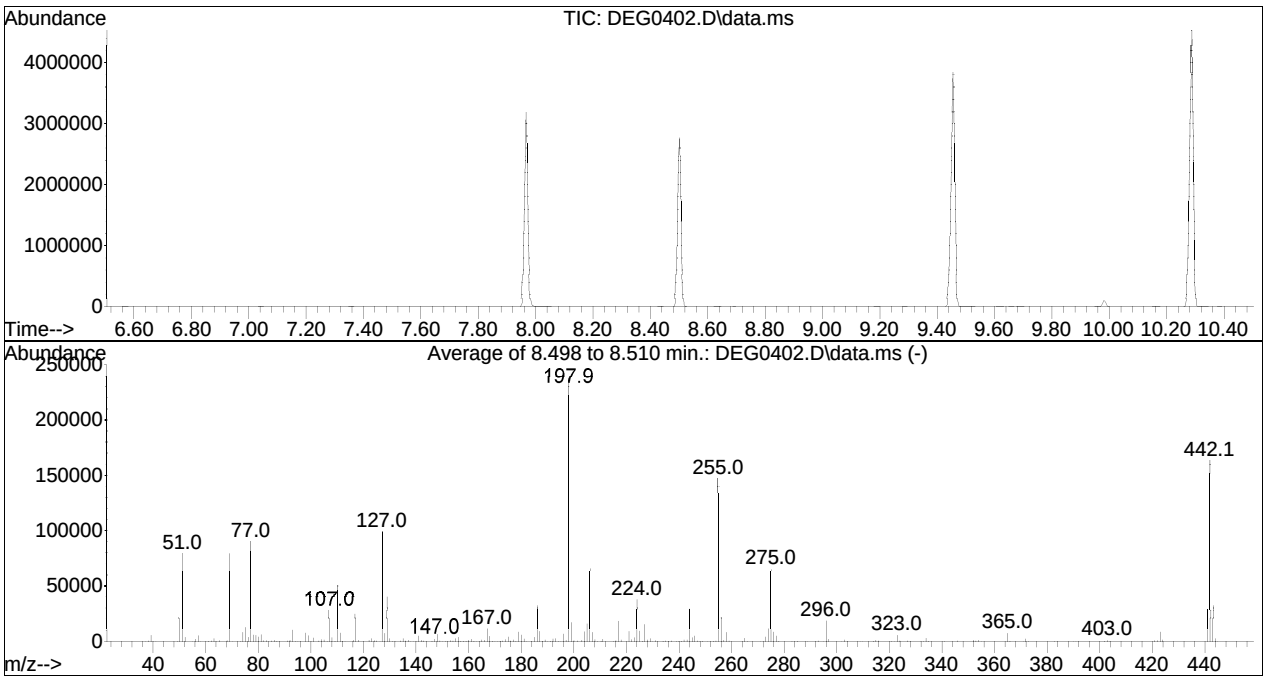
response 781242

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	71.30	67.71
165.10	47.10	49.61
199.10	16.40	16.24

Data Path : I:\8270\SV112\260402RVT\
Data File : DEG0402.D
Acq On : 02 Apr 2026 11:05 am
Operator : SV112:smc
Sample : WG2193052-1,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193052,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Apr 02 12:11:53 2026



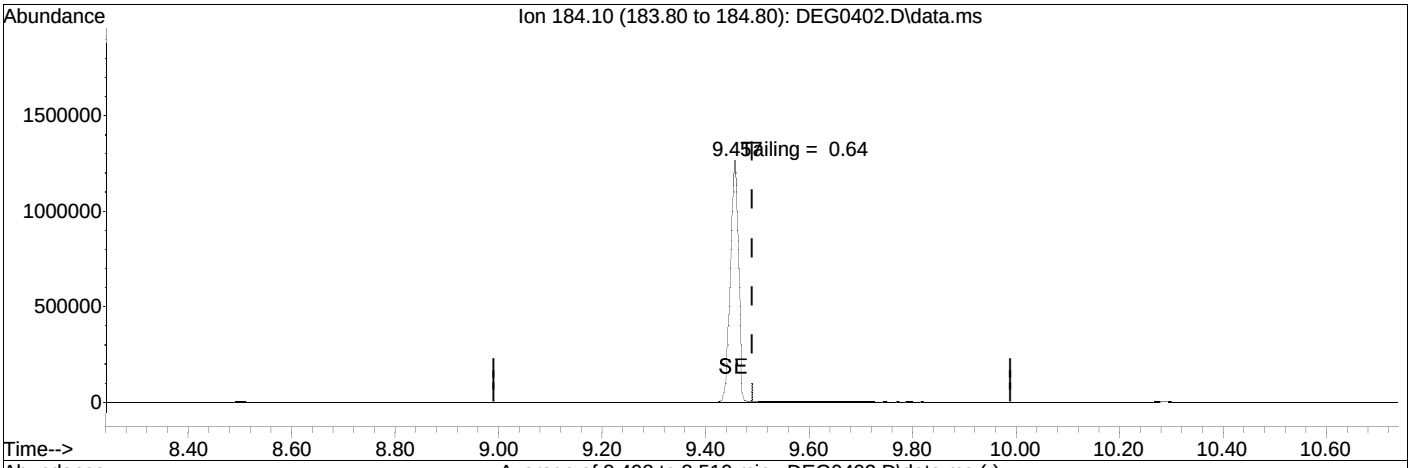
Spectrum Information: Average of 8.498 to 8.510 min.

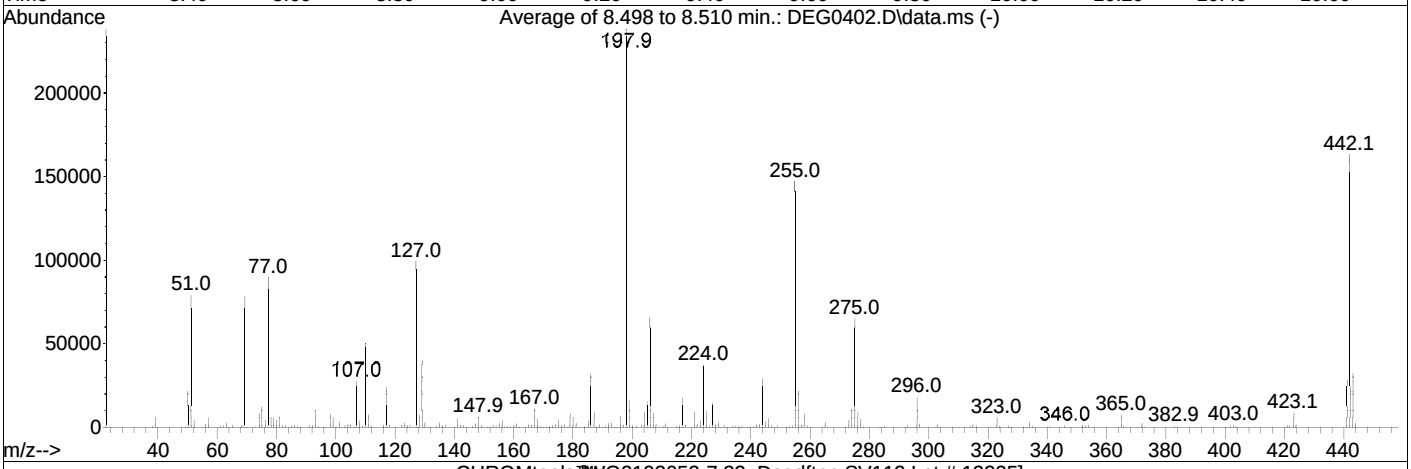
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.2	79052	PASS
68	69	0.00	2	1.8	1377	PASS
69	69	100	100	100.0	78661	PASS
70	69	0.00	2	0.5	432	PASS
127	198	10	80	41.6	98968	PASS
197	198	0.00	2	0.7	1669	PASS
198	198	100	100	100.0	238147	PASS
199	198	5	9	7.0	16646	PASS
275	198	10	60	27.2	64864	PASS
365	198	1	100	3.2	7503	PASS
441	442	0.01	24	17.4	28360	PASS
442	198	50	100	68.4	162851	PASS
443	442	15	24	19.9	32376	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260402RVT\
Data File : DEG0402.D
Acq On : 02 Apr 2026 11:05 am
Operator : SV112:jg
Sample : WG2193052-6,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193052,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Apr 02 11:30:06 2026
Quant Method : I:\8270\SV112\260402RVT\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools [WG2193052-7,32,,Degdftpp SV112 Lot # 12225]

(3) Benzidine (T)

9.457min (-0.033) 0.00

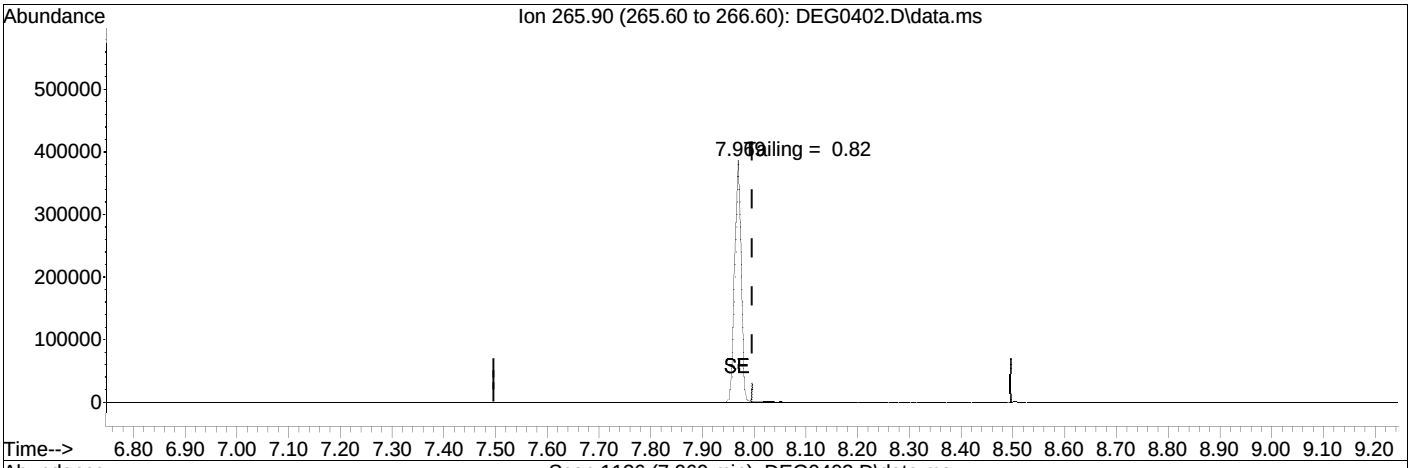
response 1313380

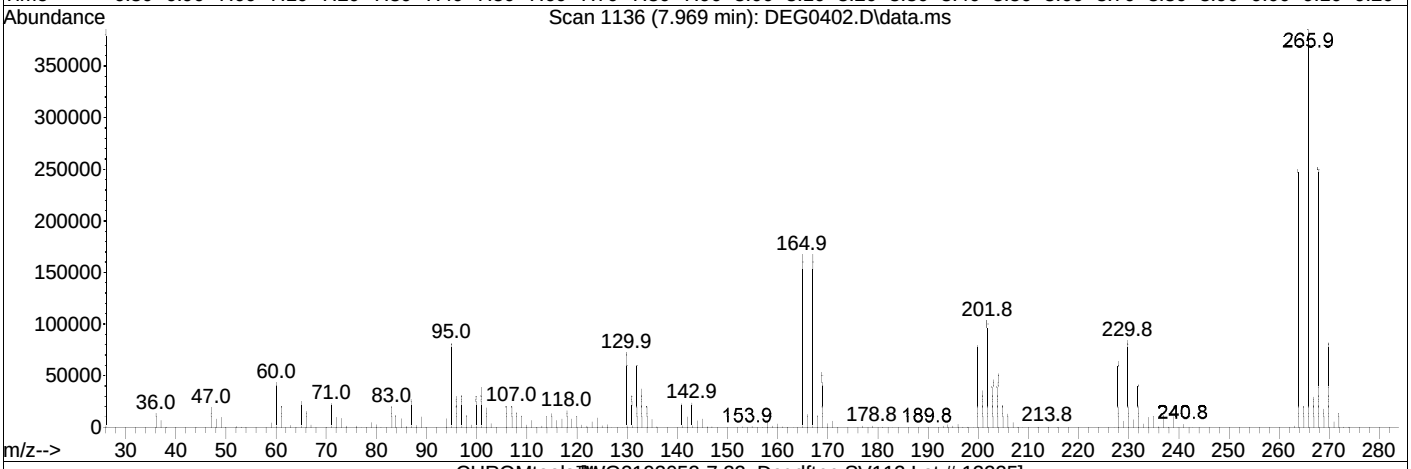
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260402RVT\
Data File : DEG0402.D
Acq On : 02 Apr 2026 11:05 am
Operator : SV112:jg
Sample : WG2193052-7,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193052,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Apr 02 11:30:06 2026
Quant Method : I:\8270\SV112\260402RVT\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools [WG2193052-7,32,,Degdftpp SV112 Lot # 12225]

(1) Pentachlorophenol (T)

7.969min (-0.027) 0.00

response 319898

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/02/26 11:25	
Lab File ID	: ABN0402		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193052-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	106	0
n-Nitrosodimethylamine	0.687	0.803	-	-16.9	20	114	0
Pyridine	1.096	1.304	-	-19	20	124	0
2-Fluorophenol	0.997	1.115	-	-11.8	20	120	0
Aniline	1.859	2.007	-	-8	20	109	0
2-Chlorophenol	1.181	1.265	-	-7.1	20	111	0
Phenol-d6	1.329	1.383	-	-4.1	20	106	0
Phenol	1.529	1.73	-	-13.1	20	112	0
Bis(2-chloroethyl)ether	1.126	1.151	-	-2.2	20	104	0
1,3-Dichlorobenzene	1.422	1.471	-	-3.4	20	109	0
1,4-Dichlorobenzene	1.454	1.498	-	-3	20	108	0
1,2-Dichlorobenzene	1.389	1.464	-	-5.4	20	112	0
Benzyl alcohol	0.981	1.078	-	-9.9	20	109	0
Bis(2-chloroisopropyl)ethe	1.675	1.796	-	-7.2	20	110	0
2-Methylphenol	1.037	1.186	-	-14.4	20	114	0
Hexachloroethane	0.522	0.519	-	0.6	20	104	0
n-Nitrosodi-n-propylamine	0.894	0.964	-	-7.8	20	106	0
3-Methylphenol/4-Methylphe	1.112	1.254	-	-12.8	20	112	0
Nitrobenzene-d5	1.142	1.393	-	-22*	20	124	0
Nitrobenzene	1.172	1.364	-	-16.4	20	113	0
Isophorone	2.548	2.471	-	3	20	97	0
2-Nitrophenol	0.511	0.736	-	-44*	20	147	0
2,4-Dimethylphenol	1.225	1.376	-	-12.3	20	115	0
Bis(2-chloroethoxy)methane	1.578	1.607	-	-1.8	20	103	0
2,4-Dichlorophenol	1.159	1.278	-	-10.3	20	110	0
1,2,4-Trichlorobenzene	1.442	1.481	-	-2.7	20	109	0
IS1_Naphthalene-d8	1	1	-	0	20	108	0
Naphthalene	0.971	0.934	-	3.8	20	102	0
Benzoic Acid	0.2	0.238	-	-19	20	141	0
4-Chloroaniline	0.128	0.139	-	-8.6	20	113	0
Hexachlorobutadiene	0.237	0.22	-	7.2	20	101	0
p-Chloro-m-cresol	0.287	0.325	-	-13.2	20	113	0
2-Methylnaphthalene	0.657	0.671	-	-2.1	20	109	0
1-Methylnaphthalene	0.238	0.245	-	-2.9	20	109	0
Hexachlorocyclopentadiene	0.275	0.281	-	-2.2	20	107	0
2,4,6-Trichlorophenol	0.26	0.296	-	-13.8	20	115	0
2,4,5-Trichlorophenol	0.279	0.326	-	-16.8	20	119	0
2-Fluorobiphenyl	0.908	0.897	-	1.2	20	106	0
2-Chloronaphthalene	0.761	0.725	-	4.7	20	101	0
2-Nitroaniline	0.183	0.241	-	-31.7*	20	130	0
1,4-Dinitrobenzene	0.089	0.139	-	-56.2*	20	159	0
1,3-Dinitrobenzene	0.108	0.15	-	-38.9*	20	143	0
Dimethyl phthalate	0.979	0.942	-	3.8	20	98	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/02/26 11:25	
Lab File ID	: ABN0402		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193052-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.224	1.212	-	1	20	103	0
2,6-Dinitrotoluene	0.167	0.198	-	-18.6	20	113	0
1,2-Dinitrobenzene	0.072	0.097	-	-34.7*	20	134	0
IS1_Acenaphthene-d10	1	1	-	0	20	112	0
3-Nitroaniline	0.273	0.338	-	-23.8*	20	126	0
Acenaphthene	1.05	0.948	-	9.7	20	102	0
2,4-Dinitrophenol	0.13	0.145	-	-11.5	20	119	0
Dibenzofuran	1.793	1.745	-	2.7	20	109	0
2,4-Dinitrotoluene	0.344	0.423	-	-23*	20	125	0
4-Nitrophenol	0.207	0.309	-	-49.3*	20	153	0
2,3,5,6-Tetrachlorophenol	0.38	0.446	-	-17.4	20	125	0
2,3,4,6-Tetrachlorophenol	0.374	0.421	-	-12.6	20	118	0
Diethyl phthalate	1.51	1.38	-	8.6	20	99	0
Fluorene	1.453	1.329	-	8.5	20	102	0
4-Chlorophenyl phenyl ethe	0.747	0.682	-	8.7	20	105	0
4-Nitroaniline	0.275	0.353	-	-28.4*	20	128	0
4,6-Dinitro-o-cresol	0.184	0.256	-	-39.1*	20	148	0
NDPA/DPA	1.25	1.23	-	1.6	20	109	0
Azobenzene	1.307	1.312	-	-0.4	20	109	0
2,4,6-Tribromophenol	0.254	0.255	-	-0.4	20	107	0
4-Bromophenyl phenyl ether	0.505	0.458	-	9.3	20	102	0
Hexachlorobenzene	0.617	0.54	-	12.5	20	100	0
Pentachlorophenol	0.325	0.407	-	-25.2*	20	129	0
IS1_Phenanthrene-d10	1	1	-	0	20	112	0
Phenanthrene	1.012	0.949	-	6.2	20	103	0
Anthracene	1.022	0.977	-	4.4	20	103	0
Carbazole	0.958	0.987	-	-3	20	111	0
Di-n-butylphthalate	1.062	1.048	-	1.3	20	99	0
Fluoranthene	1.26	1.249	-	0.9	20	106	0
Benzidine	0.785	0.796	-	-1.4	20	102	0
Pyrene	1.321	1.288	-	2.5	20	105	0
4-Terphenyl-d14	1.039	1.048	-	-0.9	20	111	0
Butyl benzyl phthalate	0.422	0.51	-	-20.9*	20	118	0
IS1_Chrysene-d12	1	1	-	0	20	108	0
Benzo(a)anthracene	1.232	1.228	-	0.3	20	107	0
3,3'-Dichlorobenzidine	0.479	0.497	-	-3.8	20	103	0
Chrysene	1.144	1.152	-	-0.7	20	109	0
Bis(2-ethylhexyl)phthalate	0.594	0.697	-	-17.3	20	111	0
Di-n-octylphthalate	0.991	1.178	-	-18.9	20	108	0
Benzo(b)fluoranthene	1.265	1.325	-	-4.7	20	107	0
Benzo(k)fluoranthene	1.205	1.08	-	10.4	20	98	0
Benzo(a)pyrene	1.183	1.121	-	5.2	20	99	0
IS1_Perylene-d12	1	1	-	0	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV112	**Calibration Date**	: 04/02/26 11:25
Lab File ID	: ABN0402	**Init. Calib. Date(s)**	: 02/07/26 02/07/26
Sample No	: WG2193052-3	**Init. Calib. Times**	: 00:29 09:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.15	0.966	-	16	20	91	0
Dibenzo(a,h)anthracene	1.064	0.991	-	6.9	20	98	0
Benzo(ghi)perylene	1.058	0.976	-	7.8	20	99	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/02/26 11:44	
Lab File ID	: AP90402		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193052-4		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	129	0
Benzaldehyde	0.992	1.076	-	-8.5	20	135	0
Acetophenone	1.732	1.904	-	-9.9	20	133	0
m-Toluidine	1.646	1.843	-	-12	20	133	0
2-Chloroaniline	1.535	1.689	-	-10	20	134	0
IS2_Naphthalene-d8	1	1	-	0	20	133	0
a-Terpineol	0.245	0.31	-	-26.5*	20	161	0
3-Chloroaniline	0.14	0.158	-	-12.9	20	141	0
2,6-Dichlorophenol	0.285	0.335	-	-17.5	20	143	0
1-chloro-2-nitrobenzene	0.116	0.152	-	-31*	20	172	0
Caprolactam	0.155	0.185	-	-19.4	20	162	0
1,2,4,5-Tetrachlorobenzene	0.423	0.446	-	-5.4	20	134	0
Biphenyl	0.911	0.961	-	-5.5	20	133	0
IS2_Acenaphthene-d10	1	1	-	0	20	136	0
Dichloran	0.159	0.222	-	-39.6*	20	193	0
Pentachloronitrobenzene	0.179	0.229	-	-27.9*	20	167	0
IS2_Phenanthrene-d10	1	1	-	0	20	129	0
Diphenamid	0.473	0.505	-	-6.8	20	126	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/02/26 12:03	
Lab File ID	: ADP0402		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193052-5		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	123	0
1,4-Dioxane	0.422	0.493	-	-16.8	20	146	0
n-Decane	1.225	1.402	-	-14.4	20	139	0
IS3_Acenaphthene-d10	1	1	-	0	20	122	0
Atrazine	0.465	0.471	-	-1.3	20	118	0
IS3_Phenanthrene-d10	1	1	-	0	20	120	0
n-Octadecane	0.385	0.392	-	-1.8	20	123	0
Parathion	5	5.81	-	-16.2	20	158	0
3,3'-Dimethylbenzidine	0.75	0.808	-	-7.7	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/04/26 08:20	
Lab File ID	: ABN0404		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193904-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
n-Nitrosodimethylamine	0.687	0.773	-	-12.5	20	77	0
Pyridine	1.096	1.311	-	-19.6	20	88	0
2-Fluorophenol	0.997	1.089	-	-9.2	20	82	0
Aniline	1.859	1.848	-	0.6	20	71	0
2-Chlorophenol	1.181	1.222	-	-3.5	20	76	0
Phenol-d6	1.329	1.279	-	3.8	20	69	0
Phenol	1.529	1.617	-	-5.8	20	74	0
Bis(2-chloroethyl)ether	1.126	1.108	-	1.6	20	71	0
1,3-Dichlorobenzene	1.422	1.453	-	-2.2	20	76	0
1,4-Dichlorobenzene	1.454	1.474	-	-1.4	20	75	0
1,2-Dichlorobenzene	1.389	1.439	-	-3.6	20	77	0
Benzyl alcohol	0.981	0.965	-	1.6	20	69	0
Bis(2-chloroisopropyl)ethe	1.675	1.784	-	-6.5	20	77	0
2-Methylphenol	1.037	1.08	-	-4.1	20	73	0
Hexachloroethane	0.522	0.502	-	3.8	20	71	0
n-Nitrosodi-n-propylamine	0.894	0.874	-	2.2	20	67	0
3-Methylphenol/4-Methylphe	1.112	1.18	-	-6.1	20	74	0
Nitrobenzene-d5	1.142	1.272	-	-11.4	20	80	0
Nitrobenzene	1.172	1.207	-	-3	20	70	0
Isophorone	2.548	2.208	-	13.3	20	61	0
2-Nitrophenol	0.511	0.627	-	-22.7*	20	88	0
2,4-Dimethylphenol	1.225	1.269	-	-3.6	20	75	0
Bis(2-chloroethoxy)methane	1.578	1.519	-	3.7	20	68	0
2,4-Dichlorophenol	1.159	1.186	-	-2.3	20	72	0
1,2,4-Trichlorobenzene	1.442	1.379	-	4.4	20	71	0
IS1_Naphthalene-d8	1	1	-	0	20	71	0
Naphthalene	0.971	0.934	-	3.8	20	68	0
Benzoic Acid	0.2	0.194	-	3	20	76	0
4-Chloroaniline	0.128	0.132	-	-3.1	20	72	0
Hexachlorobutadiene	0.237	0.226	-	4.6	20	69	0
p-Chloro-m-cresol	0.287	0.304	-	-5.9	20	70	0
2-Methylnaphthalene	0.657	0.649	-	1.2	20	70	0
1-Methylnaphthalene	0.238	0.236	-	0.8	20	70	0
Hexachlorocyclopentadiene	0.275	0.277	-	-0.7	20	70	0
2,4,6-Trichlorophenol	0.26	0.274	-	-5.4	20	71	0
2,4,5-Trichlorophenol	0.279	0.303	-	-8.6	20	73	0
2-Fluorobiphenyl	0.908	0.886	-	2.4	20	70	0
2-Chloronaphthalene	0.761	0.694	-	8.8	20	64	0
2-Nitroaniline	0.183	0.215	-	-17.5	20	77	0
1,4-Dinitrobenzene	0.089	0.114	-	-28.1*	20	87	0
1,3-Dinitrobenzene	0.108	0.13	-	-20.4*	20	82	0
Dimethyl phthalate	0.979	0.894	-	8.7	20	62	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV112		Calibration Date	: 04/04/26 08:20	
Lab File ID	: ABN0404		Init. Calib. Date(s)	: 02/07/26	02/07/26
Sample No	: WG2193904-3		Init. Calib. Times	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.224	1.159	-	5.3	20	66	0
2,6-Dinitrotoluene	0.167	0.184	-	-10.2	20	70	0
1,2-Dinitrobenzene	0.072	0.086	-	-19.4	20	79	0
IS1_Acenaphthene-d10	1	1	-	0	20	67	0
3-Nitroaniline	0.273	0.326	-	-19.4	20	73	0
Acenaphthene	1.05	1.002	-	4.6	20	65	0
2,4-Dinitrophenol	0.13	0.138	-	-6.2	20	68	0
Dibenzofuran	1.793	1.803	-	-0.6	20	68	0
2,4-Dinitrotoluene	0.344	0.415	-	-20.6*	20	74	0
4-Nitrophenol	0.207	0.284	-	-37.2*	20	85	0
2,3,5,6-Tetrachlorophenol	0.38	0.452	-	-18.9	20	76	0
2,3,4,6-Tetrachlorophenol	0.374	0.439	-	-17.4	20	74	0
Diethyl phthalate	1.51	1.421	-	5.9	20	61	0
Fluorene	1.453	1.358	-	6.5	20	62	0
4-Chlorophenyl phenyl ethe	0.747	0.721	-	3.5	20	67	0
4-Nitroaniline	0.275	0.333	-	-21.1*	20	73	0
4,6-Dinitro-o-cresol	0.184	0.249	-	-35.3*	20	86	0
NDPA/DPA	1.25	1.266	-	-1.3	20	67	0
Azobenzene	1.307	1.355	-	-3.7	20	68	0
2,4,6-Tribromophenol	0.254	0.254	-	0	20	64	0
4-Bromophenyl phenyl ether	0.505	0.469	-	7.1	20	63	0
Hexachlorobenzene	0.617	0.557	-	9.7	20	62	0
Pentachlorophenol	0.325	0.401	-	-23.4*	20	76	0
IS1_Phenanthrene-d10	1	1	-	0	20	66	0
Phenanthrene	1.012	0.974	-	3.8	20	63	0
Anthracene	1.022	0.995	-	2.6	20	62	0
Carbazole	0.958	0.979	-	-2.2	20	65	0
Di-n-butylphthalate	1.062	1.094	-	-3	20	61	0
Fluoranthene	1.26	1.248	-	1	20	63	0
Benzidine	0.785	0.854	-	-8.8	20	65	0
Pyrene	1.321	1.315	-	0.5	20	63	0
4-Terphenyl-d14	1.039	1.082	-	-4.1	20	68	0
Butyl benzyl phthalate	0.422	0.507	-	-20.1*	20	69	0
IS1_Chrysene-d12	1	1	-	0	20	69	0
Benzo(a)anthracene	1.232	1.163	-	5.6	20	64	0
3,3'-Dichlorobenzidine	0.479	0.462	-	3.5	20	61	0
Chrysene	1.144	1.111	-	2.9	20	67	0
Bis(2-ethylhexyl)phthalate	0.594	0.666	-	-12.1	20	67	0
Di-n-octylphthalate	0.991	1.119	-	-12.9	20	65	0
Benzo(b)fluoranthene	1.265	1.199	-	5.2	20	61	0
Benzo(k)fluoranthene	1.205	1.169	-	3	20	68	0
Benzo(a)pyrene	1.183	1.082	-	8.5	20	61	0
IS1_Perylene-d12	1	1	-	0	20	66	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/04/26 08:20	
Lab File ID	: ABN0404		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193904-3		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.15	1.008	-	12.3	20	58	0
Dibenzo(a,h)anthracene	1.064	1.012	-	4.9	20	60	0
Benzo(ghi)perylene	1.058	1.006	-	4.9	20	62	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/04/26 08:40	
Lab File ID	: AP90404		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193904-4		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	104	0
Benzaldehyde	0.992	1.019	-	-2.7	20	104	0
Acetophenone	1.732	1.784	-	-3	20	101	0
m-Toluidine	1.646	1.722	-	-4.6	20	101	0
2-Chloroaniline	1.535	1.552	-	-1.1	20	100	0
IS2_Naphthalene-d8	1	1	-	0	20	103	0
a-Terpineol	0.245	0.301	-	-22.9*	20	121	0
3-Chloroaniline	0.14	0.154	-	-10	20	106	0
2,6-Dichlorophenol	0.285	0.318	-	-11.6	20	104	0
1-chloro-2-nitrobenzene	0.116	0.148	-	-27.6*	20	129	0
Caprolactam	0.155	0.165	-	-6.5	20	111	0
1,2,4,5-Tetrachlorobenzene	0.423	0.452	-	-6.9	20	105	0
Biphenyl	0.911	0.931	-	-2.2	20	100	0
IS2_Acenaphthene-d10	1	1	-	0	20	96	0
Dichloran	0.159	0.211	-	-32.7*	20	130	0
Pentachloronitrobenzene	0.179	0.228	-	-27.4*	20	118	0
IS2_Phenanthrene-d10	1	1	-	0	20	96	0
Diphenamid	0.473	0.492	-	-4	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		**Lab Number**	: L2617421	
Project Name	: 2026 BROWN MFG PRR		**Project Number**	: 119.431.042	
Instrument ID	: SV112		**Calibration Date**	: 04/04/26 08:59	
Lab File ID	: ADP0404		**Init. Calib. Date(s)**	: 02/07/26	02/07/26
Sample No	: WG2193904-5		**Init. Calib. Times**	: 00:29	09:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
1,4-Dioxane	0.422	0.468	-	-10.9	20	105	0
n-Decane	1.225	1.375	-	-12.2	20	102	0
IS3_Acenaphthene-d10	1	1	-	0	20	87	0
Atrazine	0.465	0.466	-	-0.2	20	83	0
IS3_Phenanthrene-d10	1	1	-	0	20	87	0
n-Octadecane	0.385	0.412	-	-7	20	94	0
Parathion	5	5.614	-	-12.3	20	111	0
3,3'-Dimethylbenzidine	0.75	0.827	-	-10.3	20	85	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260404RVT\
Data File : ABN0404.D
Acq On : 04 Apr 2026 08:20 am
Operator : SV112:jg
Sample : WG2193904-3,32,,ABN 12287 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 04 10:06:42 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:07:05 2026
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	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
2	T	n-Nitrosodimethylamine	0.687	0.773	-12.5	77	0.00
3	T	Pyridine	1.096	1.311	-19.6	88	0.00
4	S	2-Fluorophenol	0.997	1.089	-9.2	82	0.00
5	T	Aniline	1.859	1.848	0.6	71	0.00
6	T	2-Chlorophenol	1.181	1.222	-3.5	76	0.00
7	S	Phenol-d6	1.329	1.279	3.8	69	0.00
8	T	Phenol	1.529	1.617	-5.8	74	0.00
9	T	Bis(2-chloroethyl)ether	1.126	1.108	1.6	71	0.00
10	T	1,3-Dichlorobenzene	1.422	1.453	-2.2	76	0.00
11	T	1,4-Dichlorobenzene	1.454	1.474	-1.4	75	0.00
12	T	1,2-Dichlorobenzene	1.389	1.439	-3.6	77	0.00
13	T	Benzyl alcohol	0.981	0.965	1.6	69	0.00
14	T	Bis(2-chloroisopropyl)ether	1.675	1.784	-6.5	77	0.00
15	T	2-Methylphenol	1.037	1.080	-4.1	73	0.00
16	T	Hexachloroethane	0.522	0.502	3.8	71	0.00
17	T	n-Nitrosodi-n-propylamine	0.894	0.874	2.2	67	0.00
18	T	3-Methylphenol/4-Methylphen	1.112	1.180	-6.1	74	0.00
19	S	Nitrobenzene-d5	1.142	1.272	-11.4	80	0.00
20	T	Nitrobenzene	1.172	1.207	-3.0	70	0.00
21	T	Isophorone	2.548	2.208	13.3	61	0.00
22	T	2-Nitrophenol	0.511	0.627	-22.7#	88	0.00
23	T	2,4-Dimethylphenol	1.225	1.269	-3.6	75	0.00
24	T	Bis(2-chloroethoxy)methane	1.578	1.519	3.7	68	0.00
25	T	2,4-Dichlorophenol	1.159	1.186	-2.3	72	0.00
26	T	1,2,4-Trichlorobenzene	1.442	1.379	4.4	71	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	71	0.00
36	T	Naphthalene	0.971	0.934	3.8	68	0.00
37	T	Benzoic Acid	0.200	0.194	3.0	76	0.00
38	T	4-Chloroaniline	0.128	0.132	-3.1	72	0.00
39	T	Hexachlorobutadiene	0.237	0.226	4.6	69	0.00
40	T	p-Chloro-m-cresol	0.287	0.304	-5.9	70	0.00
41	T	2-Methylnaphthalene	0.657	0.649	1.2	70	0.00
42	T	1-Methylnaphthalene	0.238	0.236	0.8	70	0.00
43	T	Hexachlorocyclopentadiene	0.275	0.277	-0.7	70	0.00
44	T	2,4,6-Trichlorophenol	0.260	0.274	-5.4	71	0.00
45	T	2,4,5-Trichlorophenol	0.279	0.303	-8.6	73	0.00
46	S	2-Fluorobiphenyl	0.908	0.886	2.4	70	0.00

Data Path : I:\8270\SV112\260404RVT\
Data File : ABN0404.D
Acq On : 04 Apr 2026 08:20 am
Operator : SV112:jg
Sample : WG2193904-3,32,,ABN 12287 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 04 10:06:42 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:07:05 2026
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)
47	T	2-Chloronaphthalene	0.761	0.694	8.8	64	0.00
48	T	2-Nitroaniline	0.183	0.215	-17.5	77	0.00
49	T	1,4-Dinitrobenzene	0.089	0.114	-28.1#	87	0.00
50	T	1,3-Dinitrobenzene	0.108	0.130	-20.4#	82	0.00
51	T	Dimethyl phthalate	0.979	0.894	8.7	62	0.00
52	T	Acenaphthylene	1.224	1.159	5.3	66	0.00
53	T	2,6-Dinitrotoluene	0.167	0.184	-10.2	70	0.00
54	T	1,2-Dinitrobenzene	0.072	0.086	-19.4	79	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	67	0.00
64	T	3-Nitroaniline	0.273	0.326	-19.4	73	0.00
65	T	Acenaphthene	1.050	1.002	4.6	65	0.00
66	T	2,4-Dinitrophenol	0.130	0.138	-6.2	68	0.00
67	T	Dibenzofuran	1.793	1.803	-0.6	68	0.00
68	T	2,4-Dinitrotoluene	0.344	0.415	-20.6#	74	0.00
69	T	4-Nitrophenol	0.207	0.284	-37.2#	85	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.380	0.452	-18.9	76	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.374	0.439	-17.4	74	0.00
72	T	Diethyl phthalate	1.510	1.421	5.9	61	0.00
73	T	Fluorene	1.453	1.358	6.5	62	0.00
74	T	4-Chlorophenyl phenyl ether	0.747	0.721	3.5	67	0.00
75	T	4-Nitroaniline	0.275	0.333	-21.1#	73	0.00
76	T	4,6-Dinitro-o-cresol	0.184	0.249	-35.3#	86	0.00
77	T	NDPA/DPA	1.250	1.266	-1.3	67	0.00
78	T	Azobenzene	1.307	1.355	-3.7	68	0.00
79	S	2,4,6-Tribromophenol	0.254	0.254	0.0	64	0.00
80	T	4-Bromophenyl phenyl ether	0.505	0.469	7.1	63	0.00
81	T	Hexachlorobenzene	0.617	0.557	9.7	62	0.00
82	T	Pentachlorophenol	0.325	0.401	-23.4#	76	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	66	0.00
89	T	Phenanthrene	1.012	0.974	3.8	63	0.00
90	T	Anthracene	1.022	0.995	2.6	62	0.00
91	T	Carbazole	0.958	0.979	-2.2	65	0.00
92	T	Di-n-butylphthalate	1.062	1.094	-3.0	61	0.00
93	T	Fluoranthene	1.260	1.248	1.0	63	0.00
94	T	Benzidine	0.785	0.854	-8.8	65	0.00
95	T	Pyrene	1.321	1.315	0.5	63	0.00
96	S	4-Terphenyl-d14	1.039	1.082	-4.1	68	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260404RVT\
Data File : ABN0404.D
Acq On : 04 Apr 2026 08:20 am
Operator : SV112:jg
Sample : WG2193904-3,32,,ABN 12287 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 04 10:06:42 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:07:05 2026
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)
97	T	Butyl benzyl phthalate	0.422	0.507	-20.1#	69	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	69	0.00
105	T	Benzo(a)anthracene	1.232	1.163	5.6	64	0.00
106	T	3,3'-Dichlorobenzidine	0.479	0.462	3.5	61	0.00
107	T	Chrysene	1.144	1.111	2.9	67	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.594	0.666	-12.1	67	0.00
109	T	Di-n-octylphthalate	0.991	1.119	-12.9	65	0.00
110	T	Benzo(b)fluoranthene	1.265	1.199	5.2	61	0.00
111	T	Benzo(k)fluoranthene	1.205	1.169	3.0	68	0.00
112	T	Benzo(a)pyrene	1.183	1.082	8.5	61	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	66	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.150	1.008	12.3	58	0.00
115	T	Dibenzo(a,h)anthracene	1.064	1.012	4.9	60	0.00
116	T	Benzo(ghi)perylene	1.058	1.006	4.9	62	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : ABN0404.D
Acq On : 04 Apr 2026 08:20 am
Operator : SV112:jg
Sample : WG2193904-3,32,,ABN 12287 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 04 10:06:42 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:07:05 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	20342	4.000	ug/ml		0.00
35) IS1_Naphthalene-d8	5.022	136	76705	4.000	ug/ml		0.00
63) IS1_Acenaphthene-d10	6.705	164	48351	4.000	ug/ml		0.00
88) IS1_Phenanthrene-d10	8.122	188	110399	4.000	ug/ml	#	0.00
104) IS1_Chrysene-d12	10.722	240	133417	4.000	ug/ml	#	0.00
113) IS1_Perylene-d12	12.163	264	145451	4.000	ug/ml		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	27682	5.458	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 272.90%#				
7) Phenol-d6	3.534	99	32524	4.810	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 240.50%#				
19) Nitrobenzene-d5	4.346	82	32342	5.568	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 556.80%#				
46) 2-Fluorobiphenyl	6.081	172	84932	4.879	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 487.90%#				
79) 2,4,6-Tribromophenol	7.469	330	15337	4.991	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 249.55%#				
96) 4-Terphenyl-d14	9.698	244	149297	5.209	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 520.90%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.611	74	19662	5.631	ug/ml#		96
3) Pyridine	1.640	79	33341	5.983	ug/ml		99
5) Aniline	3.528	93	46995	4.970	ug/ml#		48
6) 2-Chlorophenol	3.640	128	31072	5.175	ug/ml		99
8) Phenol	3.546	94	41116	5.287	ug/ml#		44
9) Bis(2-chloroethyl)ether	3.599	93	28184	4.922	ug/ml		98
10) 1,3-Dichlorobenzene	3.775	146	36956	5.110	ug/ml		97
11) 1,4-Dichlorobenzene	3.840	146	37468	5.066	ug/ml		97
12) 1,2-Dichlorobenzene	3.981	146	36595	5.179	ug/ml		96
13) Benzyl alcohol	3.975	79	24543	4.919	ug/ml		98
14) Bis(2-chloroisopropyl)...	4.105	45	45368	5.324	ug/ml#		71
15) 2-Methylphenol	4.105	108	27469	5.208	ug/ml		97
16) Hexachloroethane	4.299	117	12773	4.812	ug/ml#		59
17) n-Nitrosodi-n-propylamine	4.228	70	22214	4.883	ug/ml		95
18) 3-Methylphenol/4-Methy...	4.252	108	30012	5.309	ug/ml		97
20) Nitrobenzene	4.364	77	30697	5.152	ug/ml		99
21) Isophorone	4.599	82	56138	4.332	ug/ml		99
22) 2-Nitrophenol	4.669	139	15940	6.130	ug/ml		99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : ABN0404.D
Acq On : 04 Apr 2026 08:20 am
Operator : SV112:jg
Sample : WG2193904-3,32,,ABN 12287 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 04 10:06:42 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:07:05 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	4.752	107	32278	5.181	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.828	93	38612	4.813	ug/ml	99
25) 2,4-Dichlorophenol	4.911	162	30150	5.117	ug/ml	94
26) 1,2,4-Trichlorobenzene	4.981	180	35073	4.782	ug/ml	95
36) Naphthalene	5.040	128	89571	4.811	ug/ml	99
37) Benzoic Acid	4.822	105	18648	4.861	ug/ml	99
38) 4-Chloroaniline	5.116	65	12693	5.178	ug/ml	97
39) Hexachlorobutadiene	5.193	225	21715	4.773	ug/ml	98
40) p-Chloro-m-cresol	5.616	107	29111	5.281	ug/ml	99
41) 2-Methylnaphthalene	5.710	142	62210	4.941	ug/ml	99
42) 1-Methylnaphthalene	5.805	115	22630	4.964	ug/ml	93
43) Hexachlorocyclopentadiene	5.881	237	26603	5.050	ug/ml	97
44) 2,4,6-Trichlorophenol	5.999	196	26290	5.269	ug/ml	99
45) 2,4,5-Trichlorophenol	6.034	196	29039	5.435	ug/ml	98
47) 2-Chloronaphthalene	6.169	162	66535	4.559	ug/ml	94
48) 2-Nitroaniline	6.287	138	20582	5.870	ug/ml	99
49) 1,4-Dinitrobenzene	6.416	168	10975	6.395	ug/ml	90
50) 1,3-Dinitrobenzene	6.493	168	12428	5.998	ug/ml	85
51) Dimethyl phthalate	6.493	163	85689	4.563	ug/ml	99
52) Acenaphthylene	6.563	152	111169	4.737	ug/ml	99
53) 2,6-Dinitrotoluene	6.528	165	17616	5.509	ug/ml	89
54) 1,2-Dinitrobenzene	6.569	168	8220	5.952	ug/ml#	1
64) 3-Nitroaniline	6.681	138	19729	5.975	ug/ml	99
65) Acenaphthene	6.734	154	60561	4.772	ug/ml	97
66) 2,4-Dinitrophenol	6.781	184	8351	5.297	ug/ml#	83
67) Dibenzofuran	6.905	168	108987	5.030	ug/ml#	86
68) 2,4-Dinitrotoluene	6.910	165	25096	6.031	ug/ml	86
69) 4-Nitrophenol	6.887	65	17158	6.854	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.999	232	27335	5.951	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.040	232	26520	5.864	ug/ml	97
72) Diethyl phthalate	7.175	149	85878	4.706	ug/ml	96
73) Fluorene	7.234	166	82050	4.671	ug/ml	95
74) 4-Chlorophenyl phenyl ...	7.257	204	43592	4.829	ug/ml#	82
75) 4-Nitroaniline	7.263	138	20132	6.048	ug/ml	94
76) 4,6-Dinitro-o-cresol	7.299	198	15061	6.776	ug/ml#	78
77) NDPA/DPA	7.369	169	76513	5.065	ug/ml	96
78) Azobenzene	7.404	77	81924	5.184	ug/ml	95
80) 4-Bromophenyl phenyl e...	7.722	248	28323	4.643	ug/ml#	83
81) Hexachlorobenzene	7.769	284	33674	4.517	ug/ml#	85
82) Pentachlorophenol	7.963	266	24217	6.162	ug/ml	98
89) Phenanthrene	8.146	178	134458	4.815	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : ABN0404.D
Acq On : 04 Apr 2026 08:20 am
Operator : SV112:jg
Sample : WG2193904-3,32,,ABN 12287 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 04 10:06:42 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:07:05 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Anthracene	8.193	178	137368	4.869	ug/ml	99
91)	Carbazole	8.369	167	135106	5.108	ug/ml	99
92)	Di-n-butylphthalate	8.763	149	150947	5.148	ug/ml	99
93)	Fluoranthene	9.293	202	172174	4.951	ug/ml#	95
94)	Benzidine	9.446	184	117787	5.438	ug/ml#	97
95)	Pyrene	9.499	202	181467	4.978	ug/ml	99
97)	Butyl benzyl phthalate	10.216	149	69996	6.006	ug/ml	96
105)	Benzo(a)anthracene	10.710	228	194009	4.720	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.716	252	77098	4.823	ug/ml#	97
107)	Chrysene	10.746	228	185242	4.857	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	10.851	149	111098	5.608	ug/ml	99
109)	Di-n-octylphthalate	11.516	149	186636	5.646	ug/ml	99
110)	Benzo(b)fluoranthene	11.798	252	199877	4.737	ug/ml#	96
111)	Benzo(k)fluoranthene	11.828	252	194940M3	4.851	ug/ml	
112)	Benzo(a)pyrene	12.104	252	180375	4.573	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	13.110	276	183203M6	4.380	ug/mL	
115)	Dibenzo(a,h)anthracene	13.134	278	183965	4.755	ug/ml#	92
116)	Benzo(ghi)perylene	13.334	276	182934	4.754	ug/ml#	92

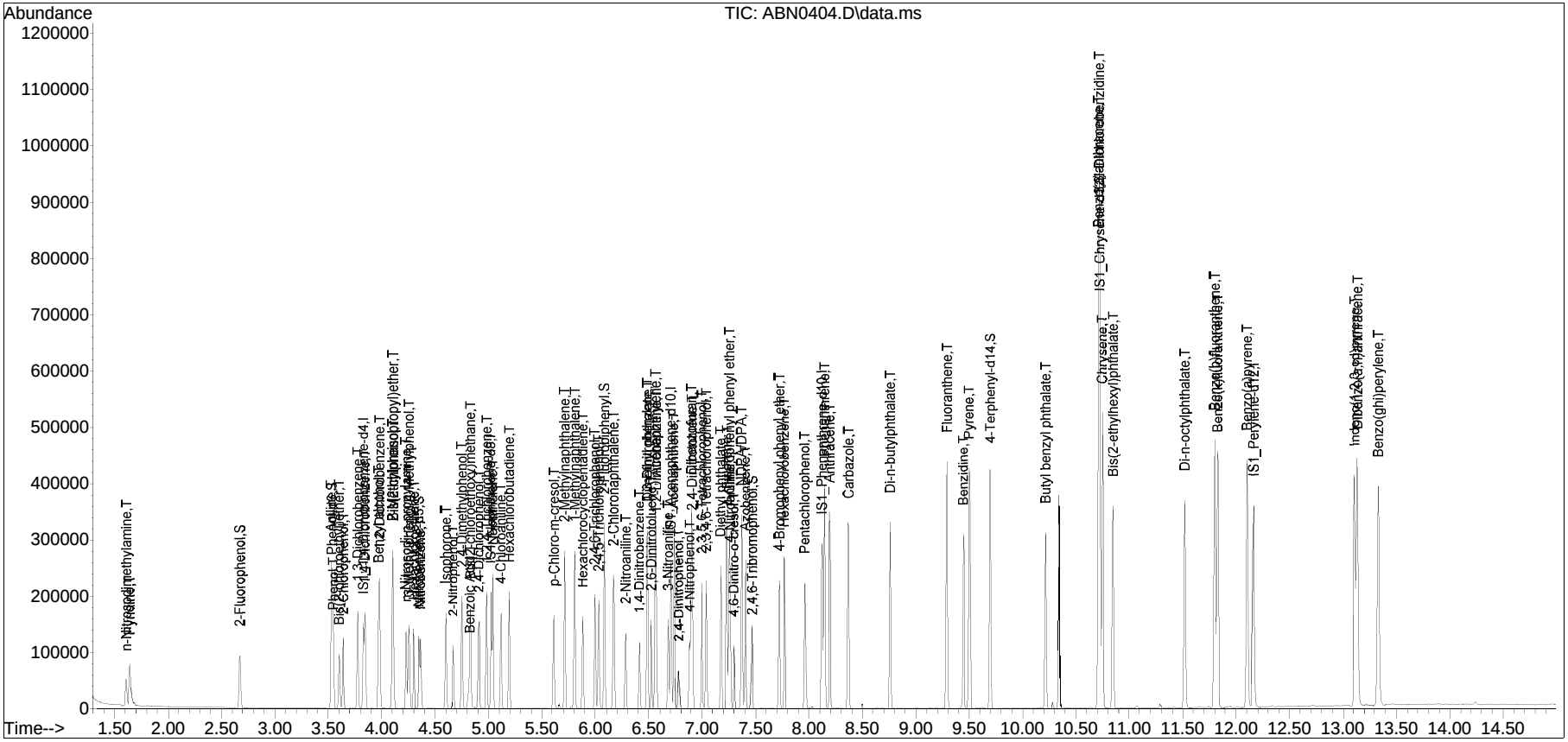
(#) = qualifier out of range (m) = manual integration (+) = signals summed

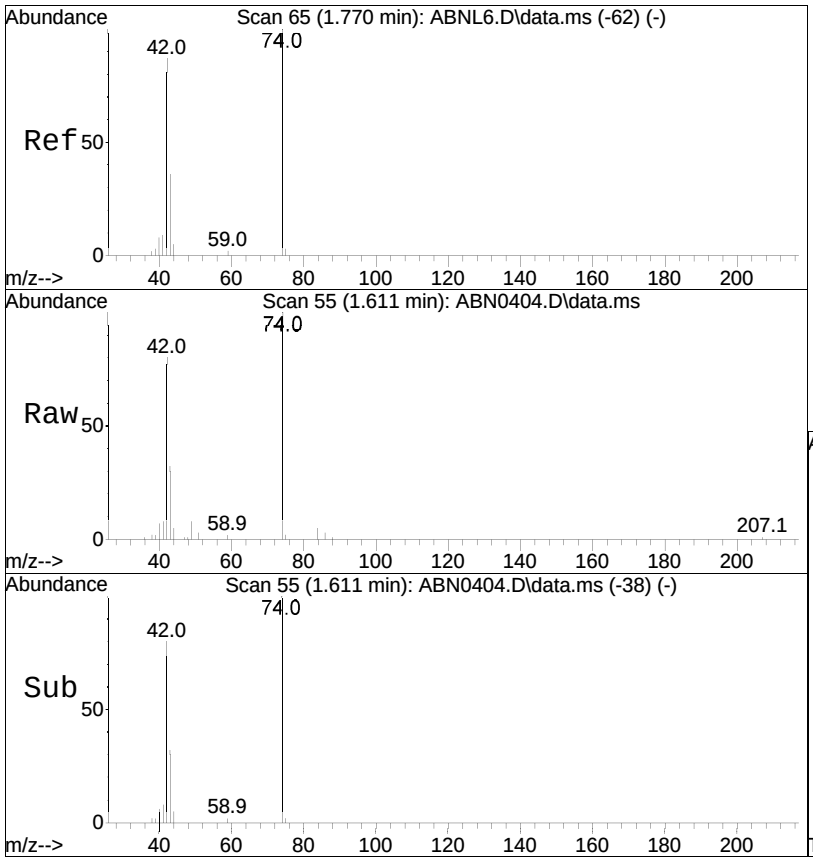
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : ABN0404.D
Acq On : 04 Apr 2026 08:20 am
Operator : SV112:jg
Sample : WG2193904-3,32,,ABN 12287 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Apr 04 10:06:42 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:07:05 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

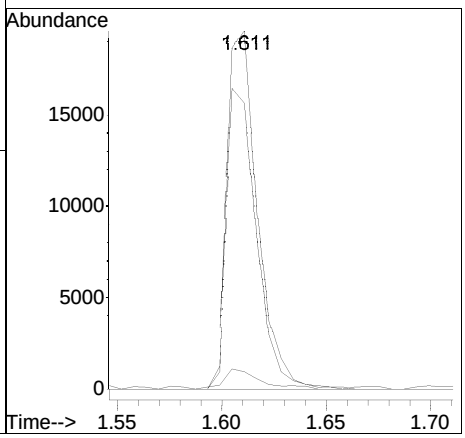


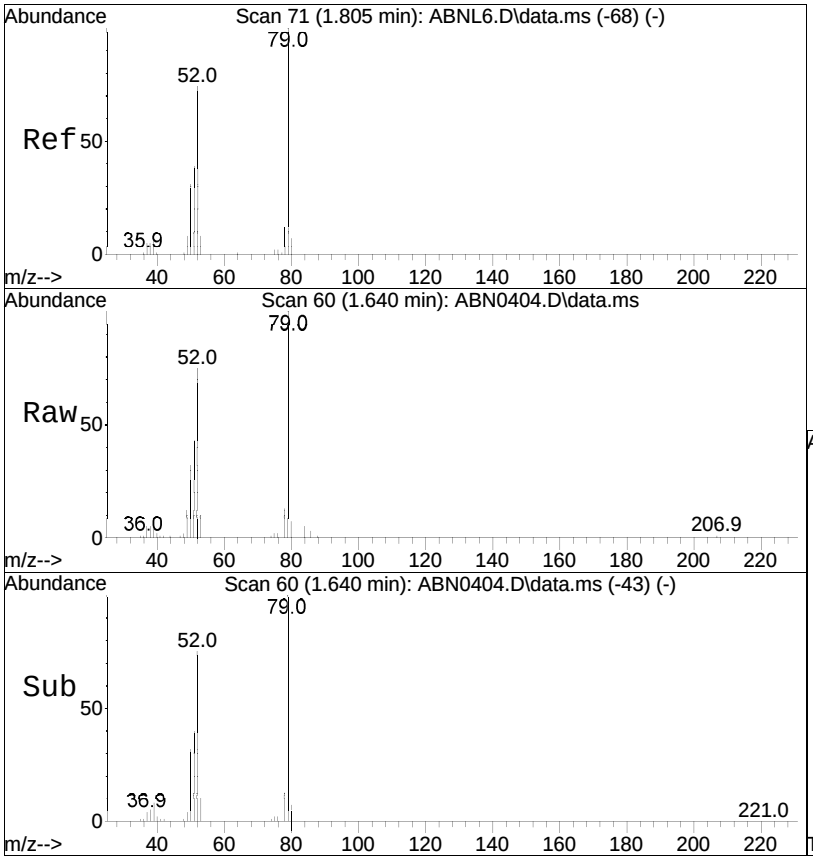


#2
n-Nitrosodimethylamine
Concen: 5.63 ug/ml
RT: 1.611 min Scan# 55
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 74 Resp: 19662

Ion	Ratio	Lower	Upper
74	100		
42	83.5	63.8	95.8
44	6.6	4.3	6.5#

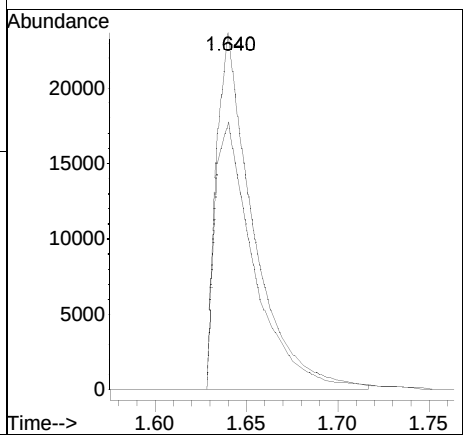


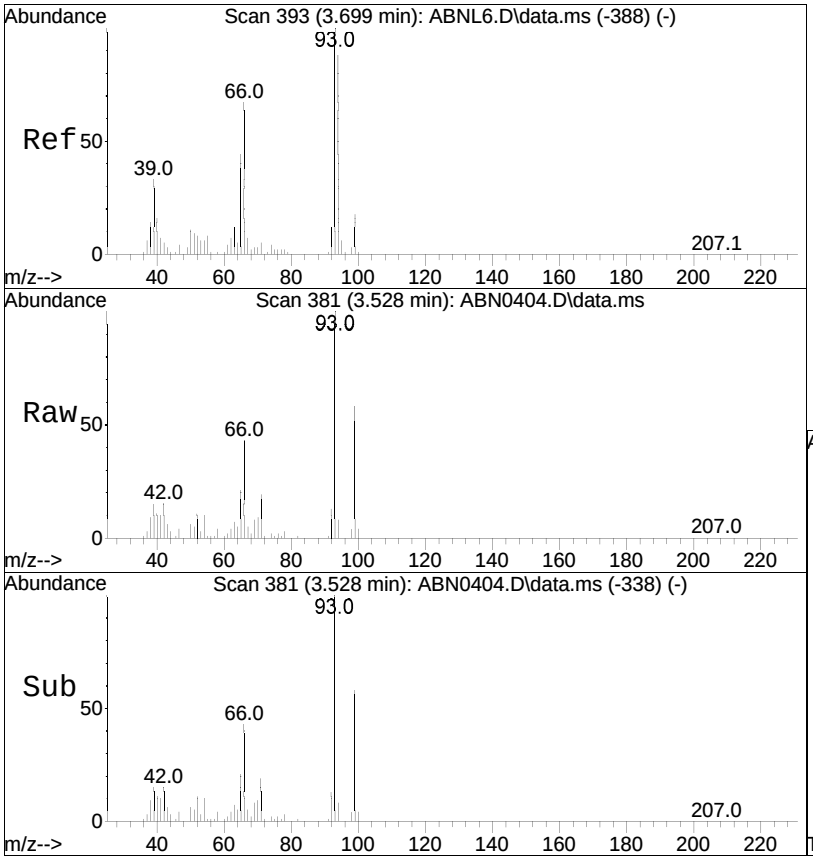


#3
Pyridine
Concen: 5.98 ug/ml
RT: 1.640 min Scan# 60
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 79 Resp: 33341

Ion	Ratio	Lower	Upper
79	100		
52	79.8	64.6	96.8

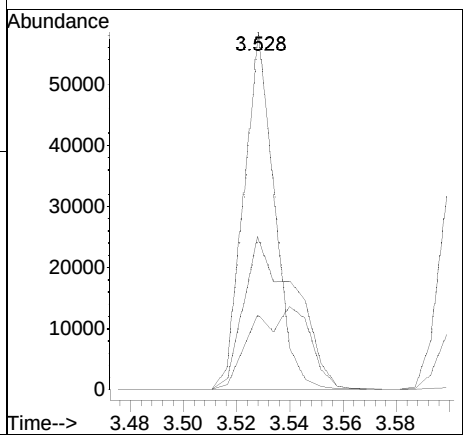


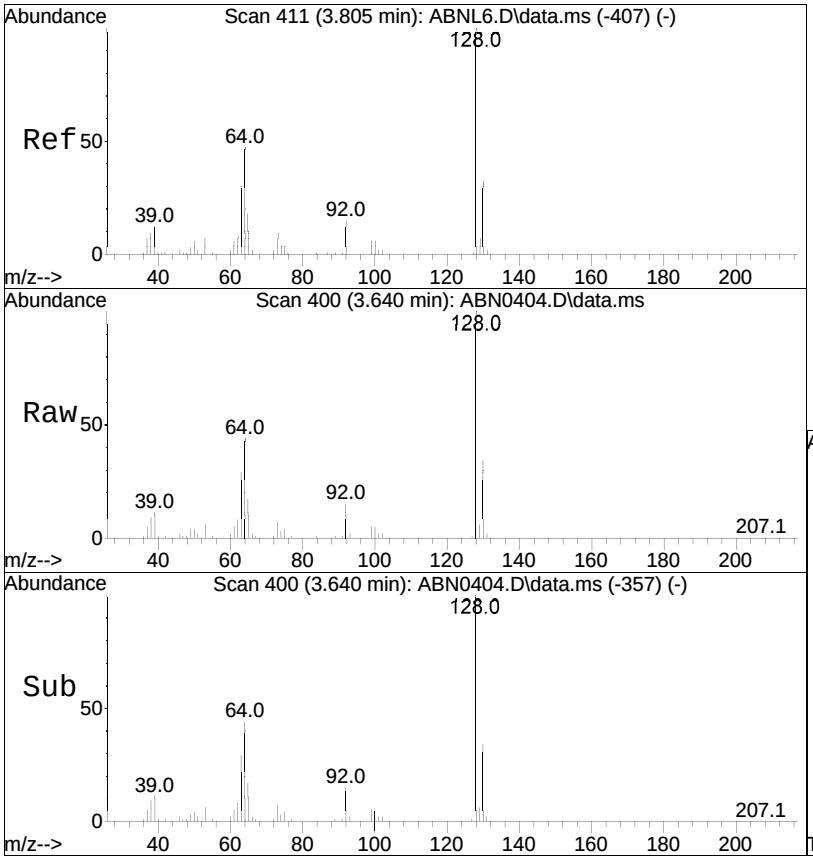


#5
Aniline
Concen: 4.97 ug/ml
RT: 3.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 93 Resp: 46995

Ion	Ratio	Lower	Upper
93	100		
66	71.6	31.3	46.9#
65	43.9	16.6	25.0#

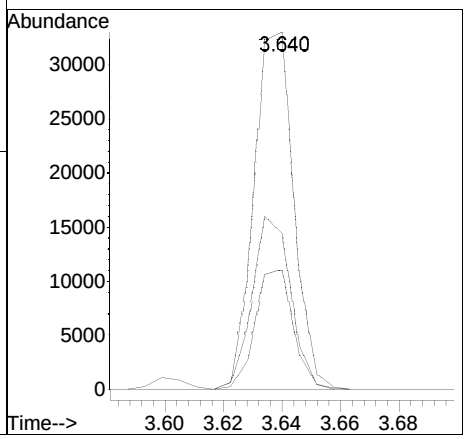


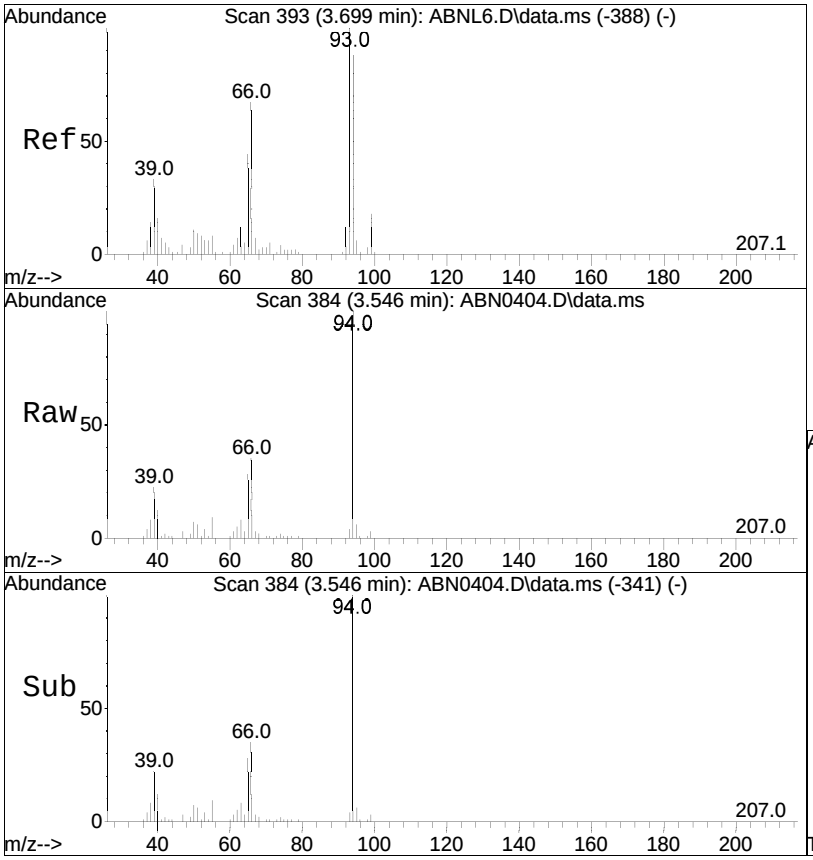


#6
2-Chlorophenol
Concen: 5.17 ug/ml
RT: 3.640 min Scan# 400
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:128 Resp: 31072

Ion	Ratio	Lower	Upper
128	100		
64	46.9	38.2	57.4
130	32.4	26.2	39.2

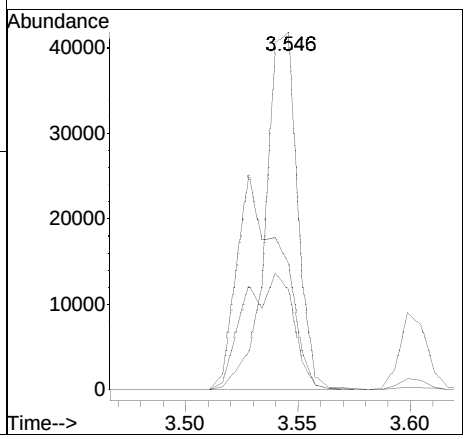


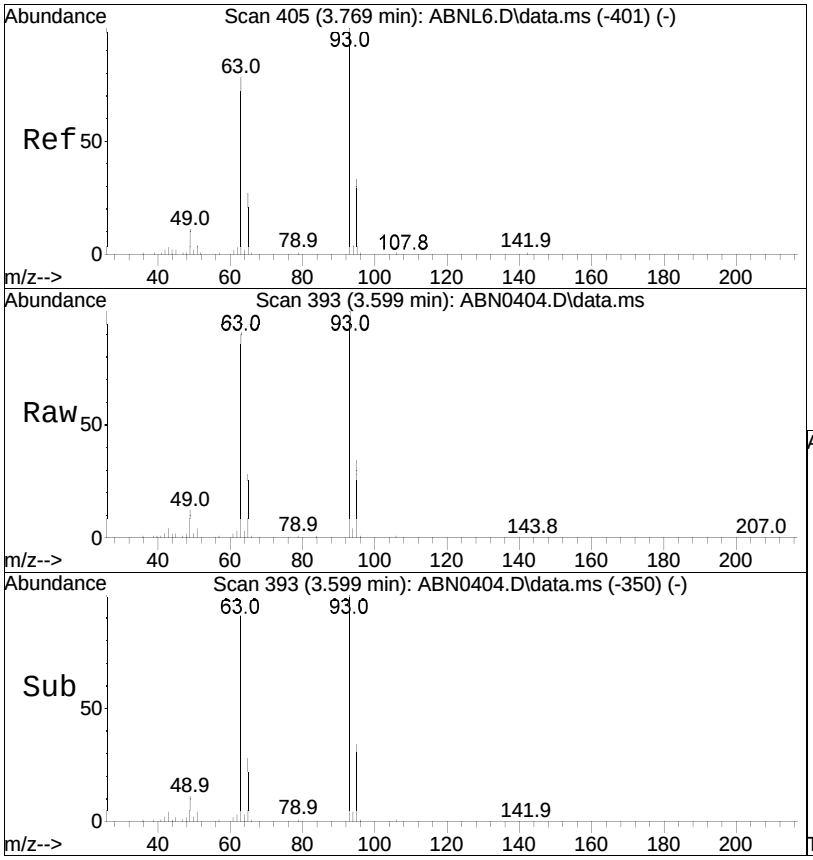


#8
Phenol
Concen: 5.29 ug/ml
RT: 3.546 min Scan# 384
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 94 Resp: 41116

Ion	Ratio	Lower	Upper
94	100		
65	50.1	23.0	34.6#
66	81.9	32.1	48.1#

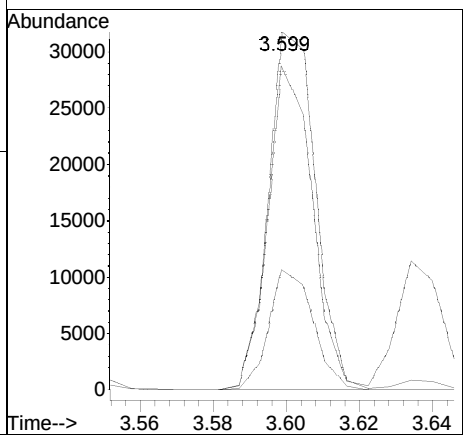


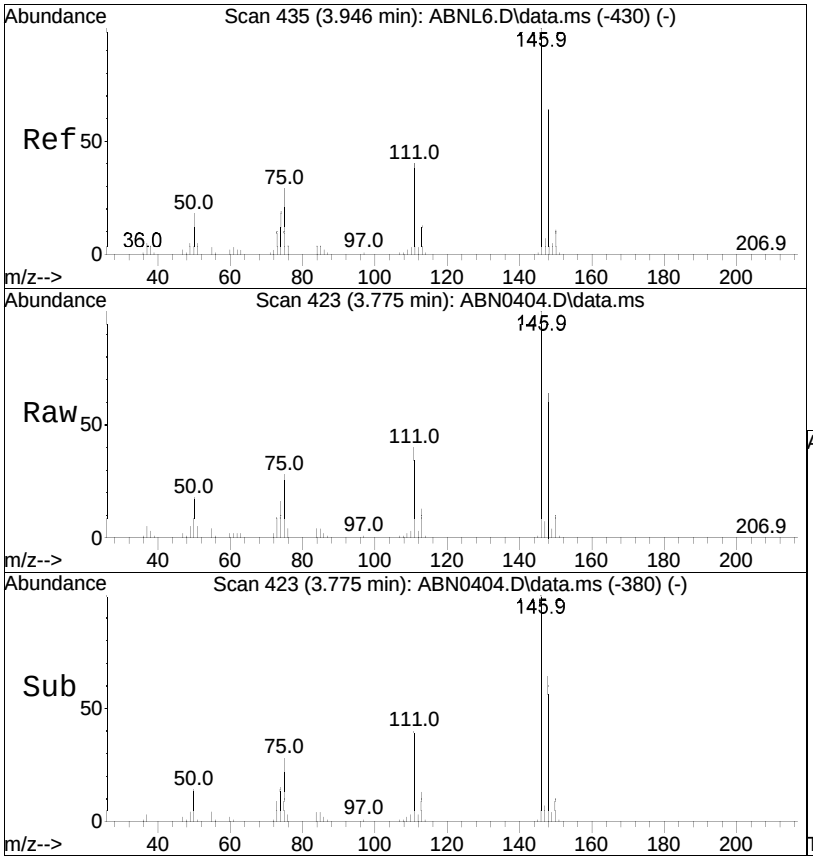


#9
Bis(2-chloroethyl)ether
Concen: 4.92 ug/ml
RT: 3.599 min Scan# 393
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 93 Resp: 28184

Ion	Ratio	Lower	Upper
93	100		
63	85.9	67.0	100.4
95	31.9	26.1	39.1

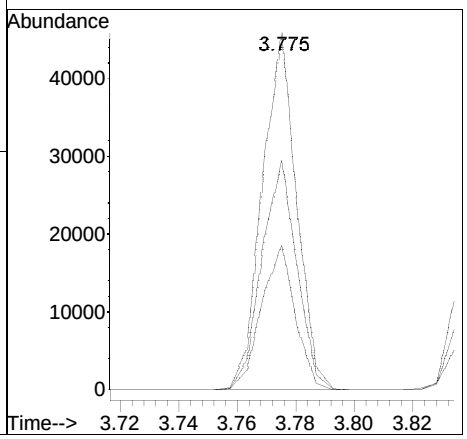


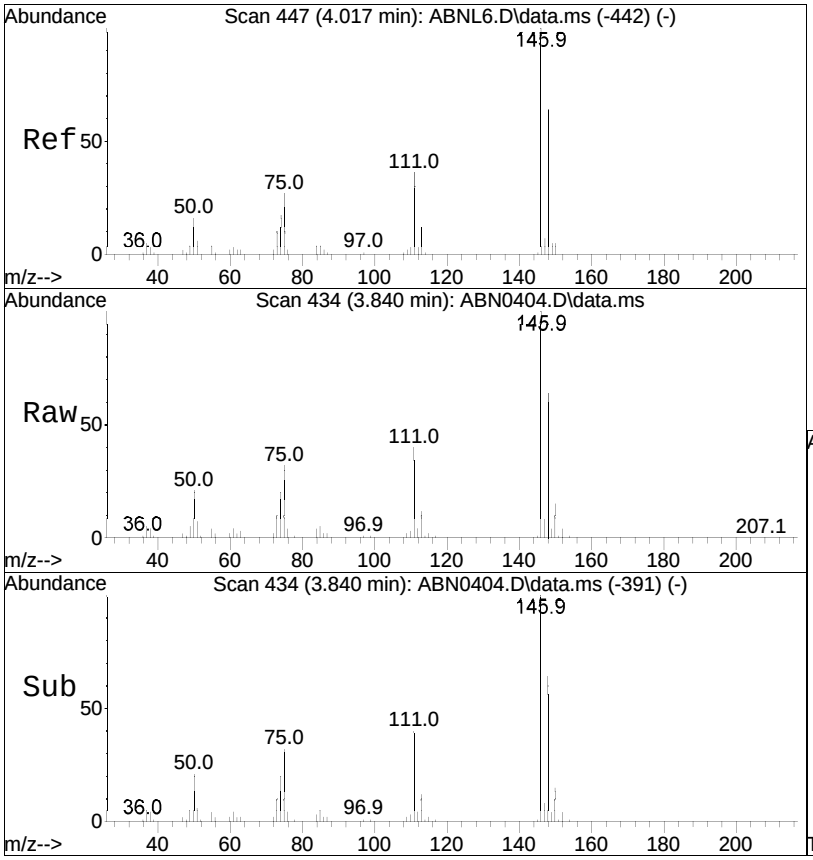


#10
1,3-Dichlorobenzene
Concen: 5.11 ug/ml
RT: 3.775 min Scan# 423
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:146 Resp: 36956

Ion	Ratio	Lower	Upper
146	100		
111	40.2	35.0	52.4
148	65.7	51.3	76.9

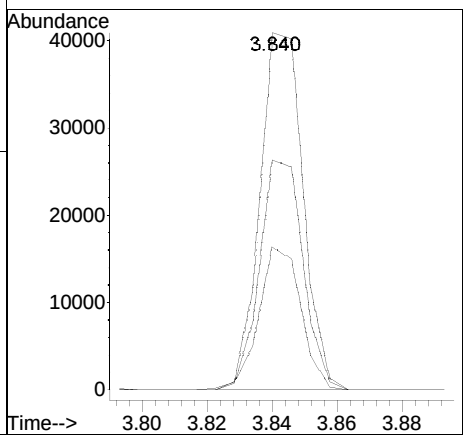


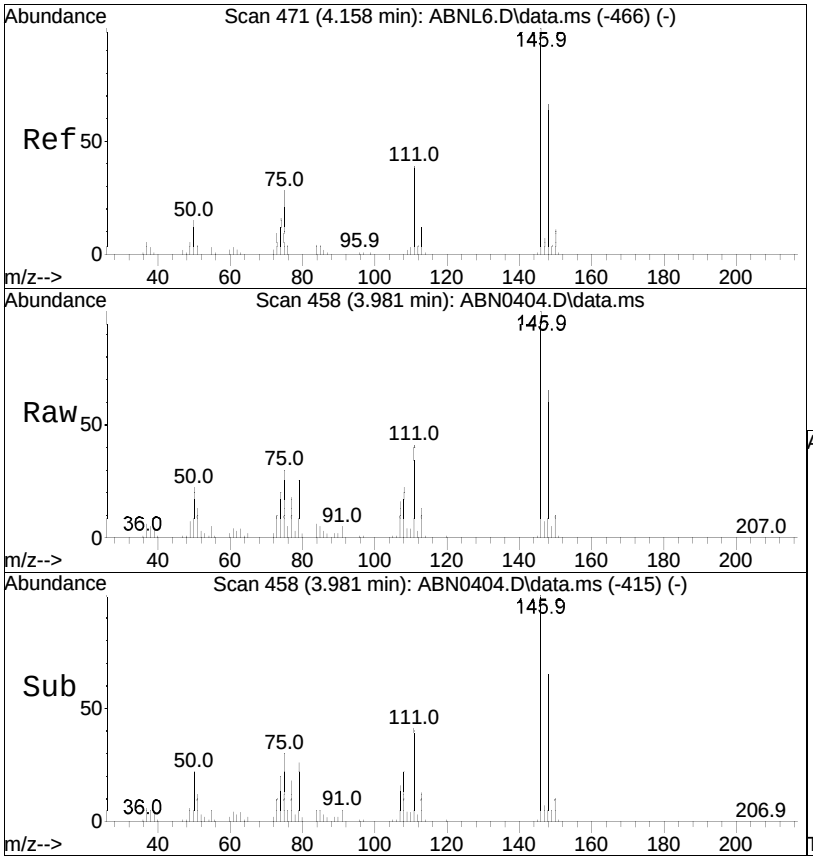


#11
1,4-Dichlorobenzene
Concen: 5.07 ug/ml
RT: 3.840 min Scan# 434
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:146 Resp: 37468

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	39.2	34.4	51.6

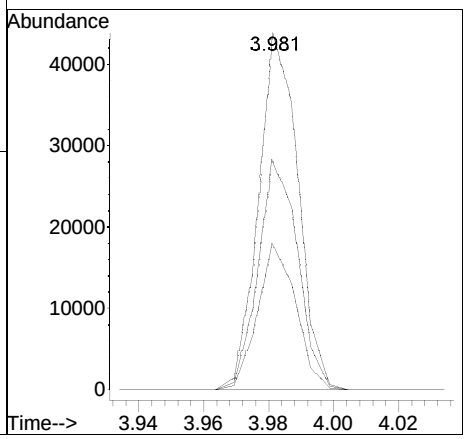


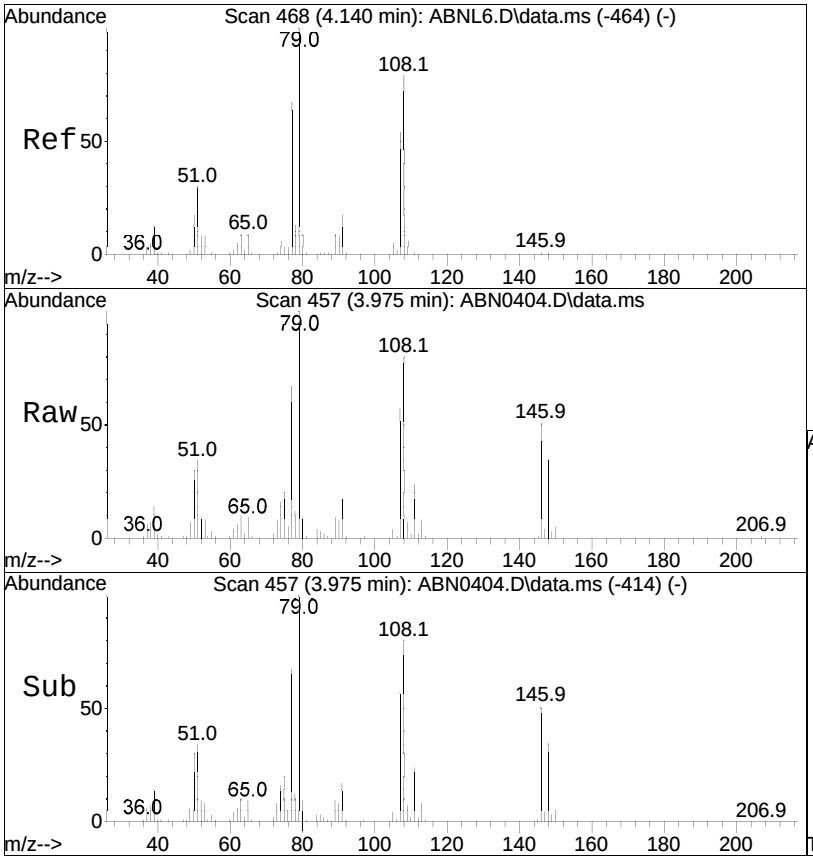


#12
1,2-Dichlorobenzene
Concen: 5.18 ug/ml
RT: 3.981 min Scan# 458
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:146 Resp: 36595

Ion	Ratio	Lower	Upper
146	100		
111	39.9	35.5	53.3
148	64.9	50.6	76.0

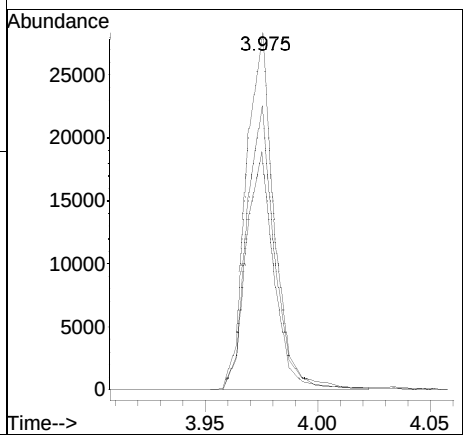


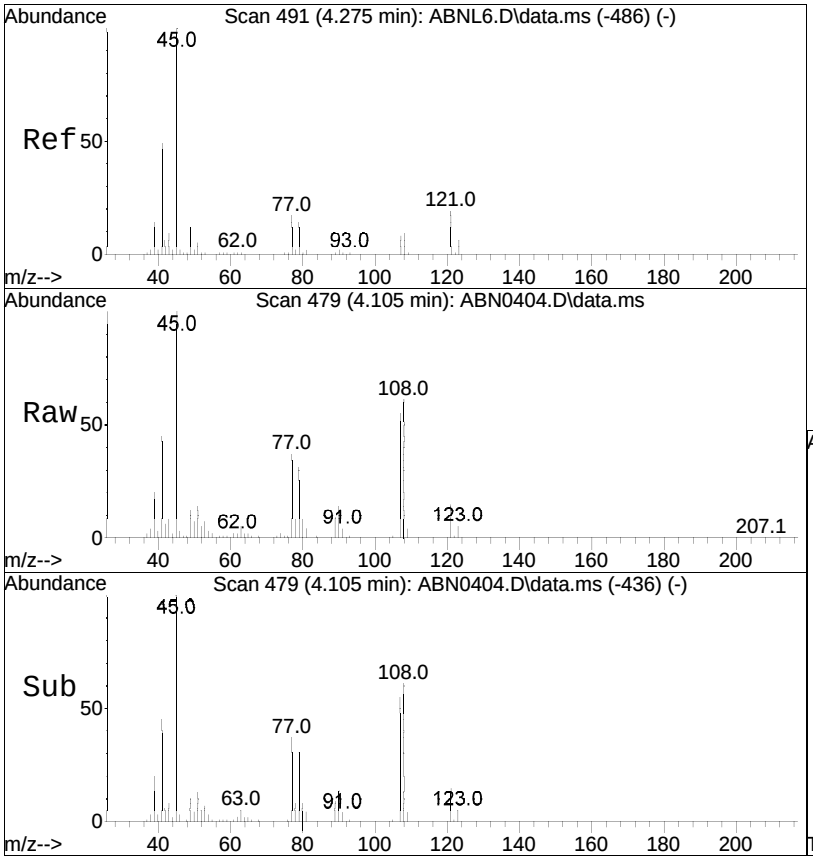


#13
Benzyl alcohol
Concen: 4.92 ug/ml
RT: 3.975 min Scan# 457
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 79 Resp: 24543

Ion	Ratio	Lower	Upper
79	100		
77	67.2	51.8	77.6
108	79.4	63.9	95.9

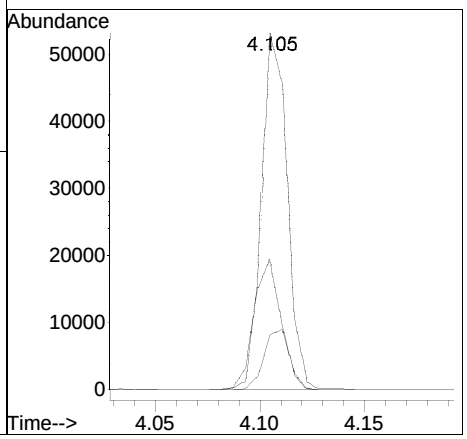


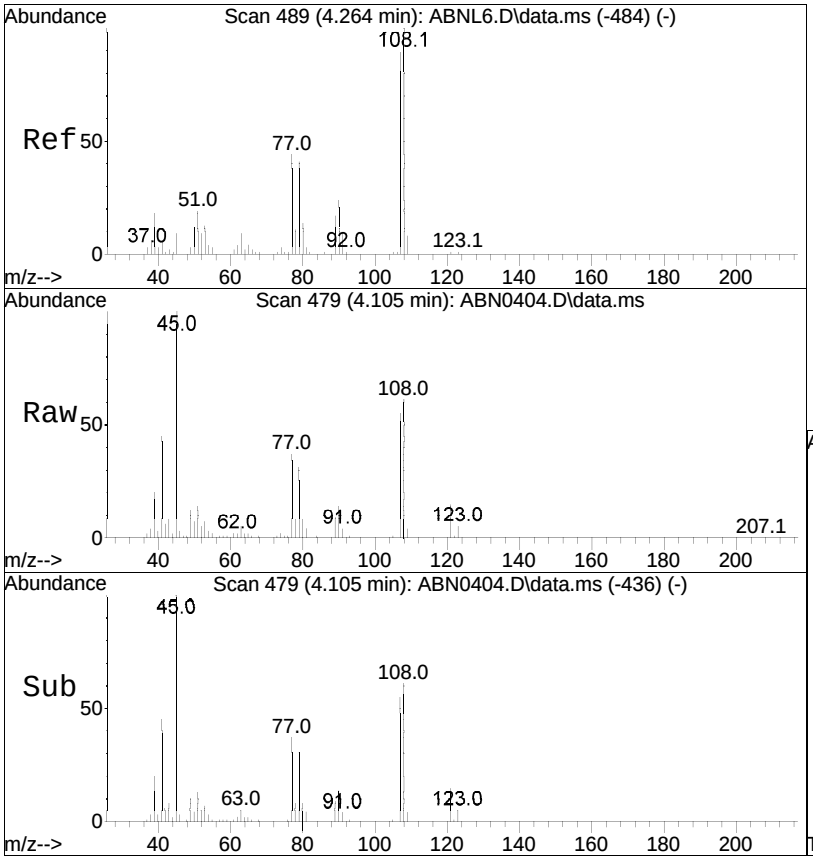


#14
Bis(2-chloroisopropyl)ether
Concen: 5.32 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 45 Resp: 45368

Ion	Ratio	Lower	Upper
45	100		
121	17.1	14.8	22.2
77	38.9	10.5	15.7#

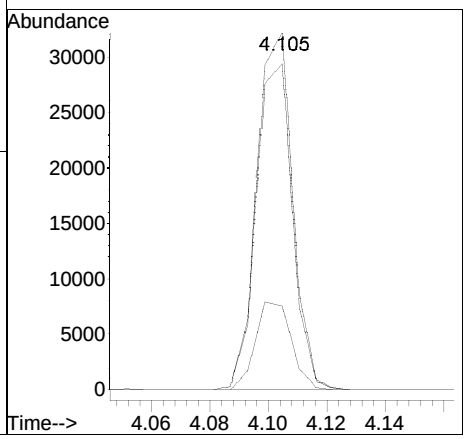


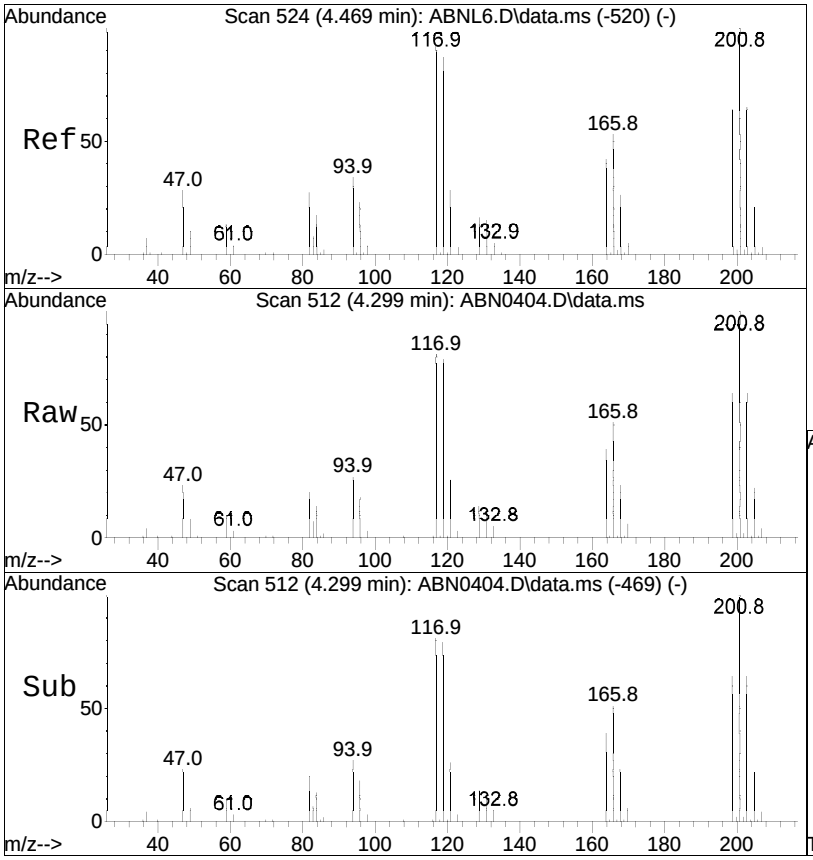


#15
2-Methylphenol
Concen: 5.21 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:108 Resp: 27469

Ion	Ratio	Lower	Upper
108	100		
107	92.1	71.0	106.4
90	24.8	19.7	29.5

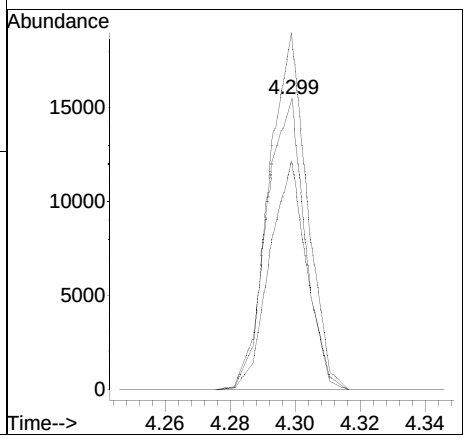


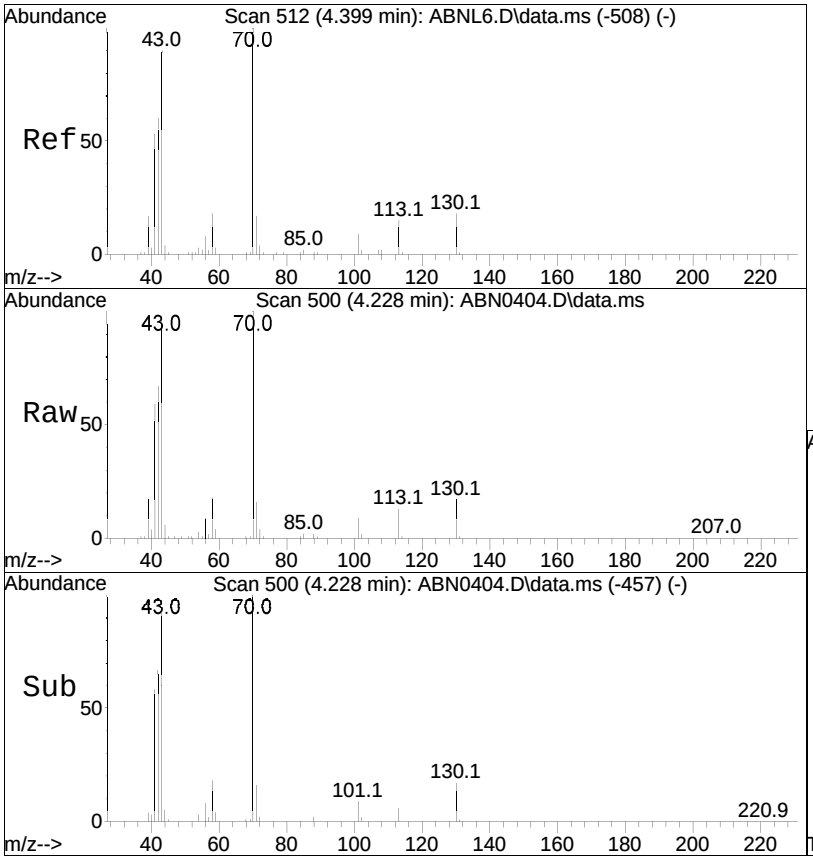


#16
Hexachloroethane
Concen: 4.81 ug/ml
RT: 4.299 min Scan# 512
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:117 Resp: 12773

Ion	Ratio	Lower	Upper
117	100		
201	120.3	64.4	96.6#
199	75.3	40.5	60.7#

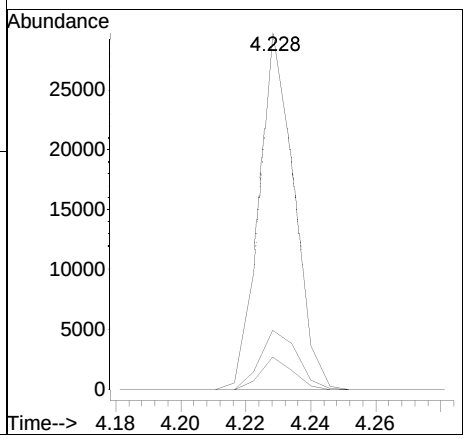


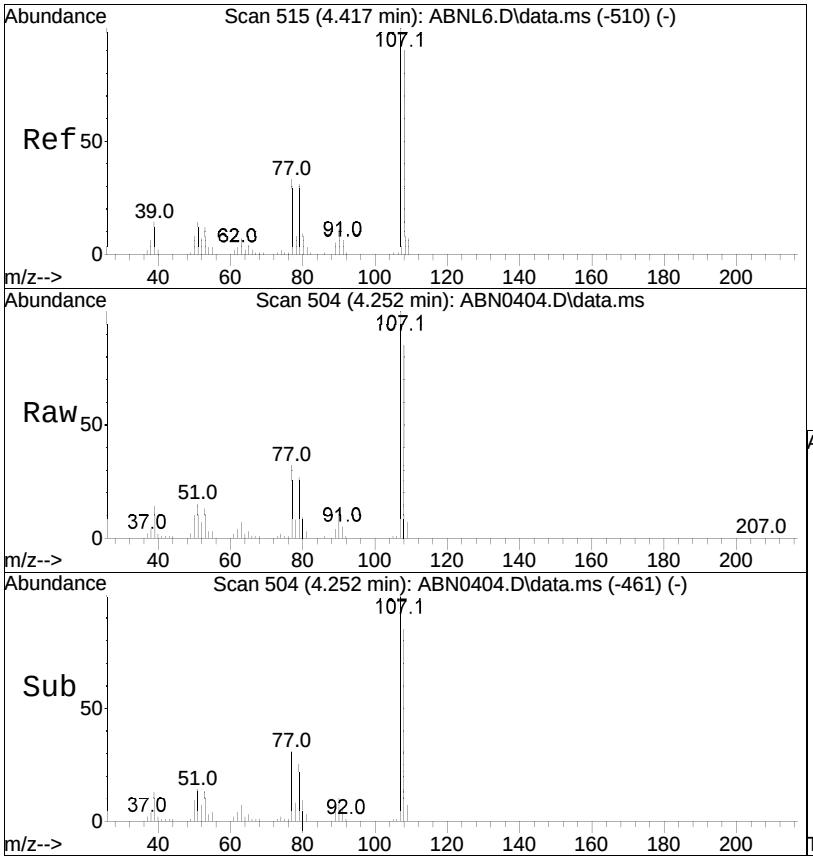


#17
n-Nitrosodi-n-propylamine
Concen: 4.88 ug/ml
RT: 4.228 min Scan# 500
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 70 Resp: 22214

Ion	Ratio	Lower	Upper
70	100		
130	17.7	16.2	24.4
101	8.5	7.6	11.4

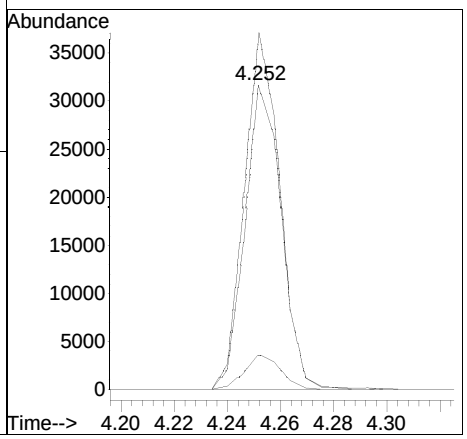


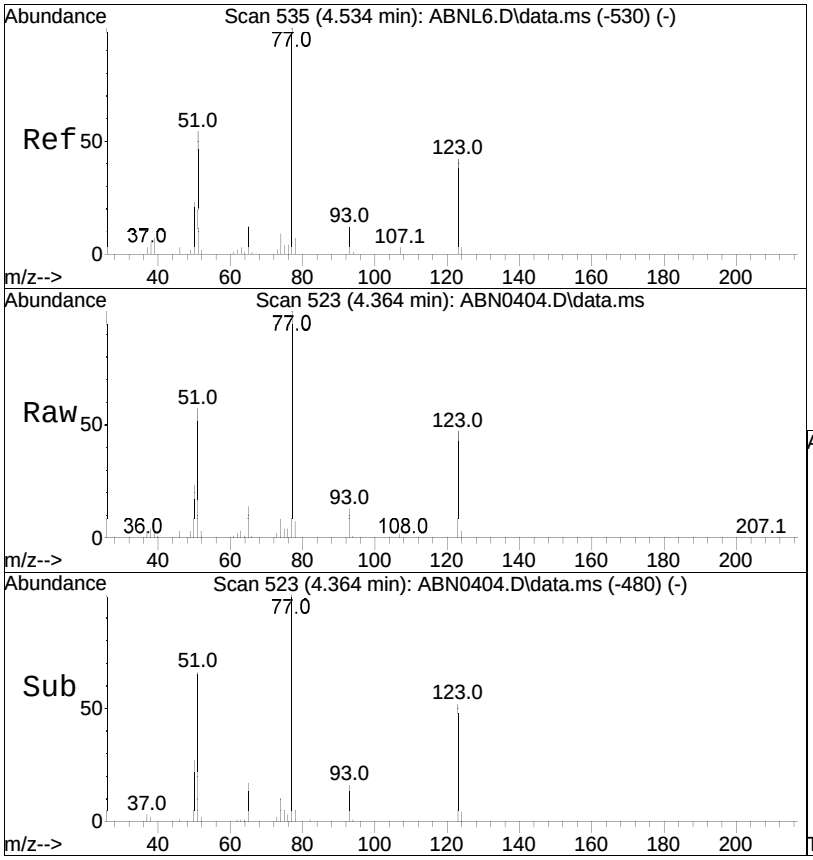


#18
3-Methylphenol/4-Methylphenol
Concen: 5.31 ug/ml
RT: 4.252 min Scan# 504
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:108 Resp: 30012

Ion	Ratio	Lower	Upper
108	100		
107	114.3	88.8	133.2
90	11.3	9.0	13.6

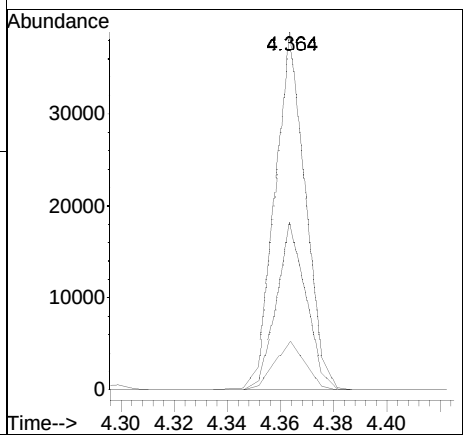


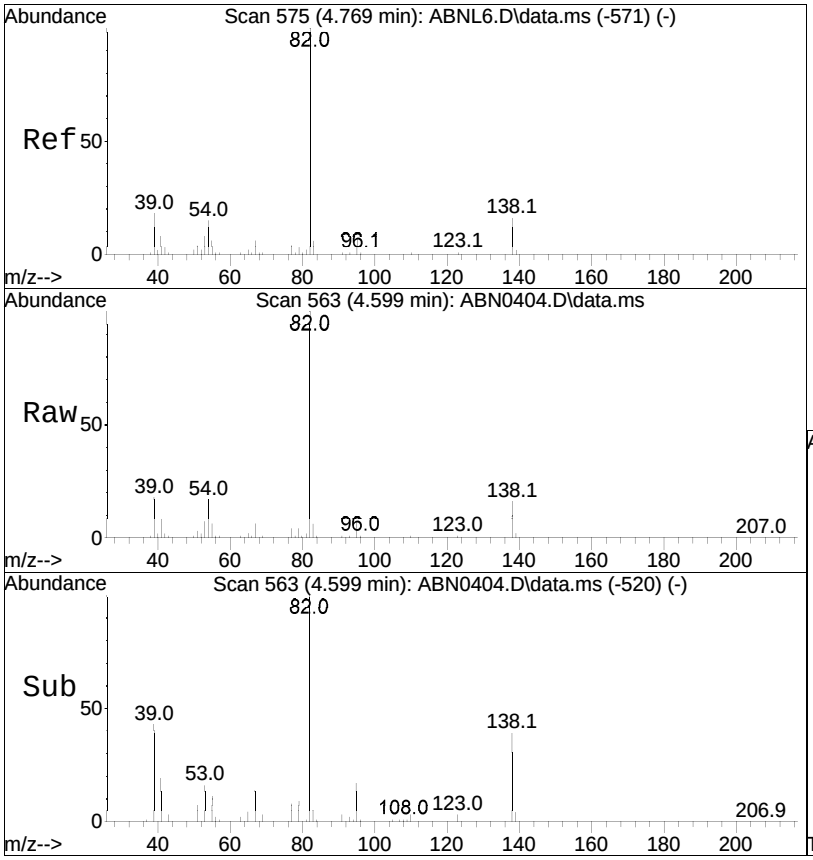


#20
Nitrobenzene
Concen: 5.15 ug/ml
RT: 4.364 min Scan# 523
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 77 Resp: 30697

Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.3	55.9
65	13.8	10.9	16.3

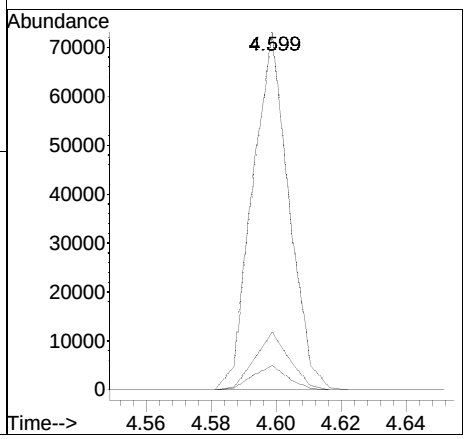


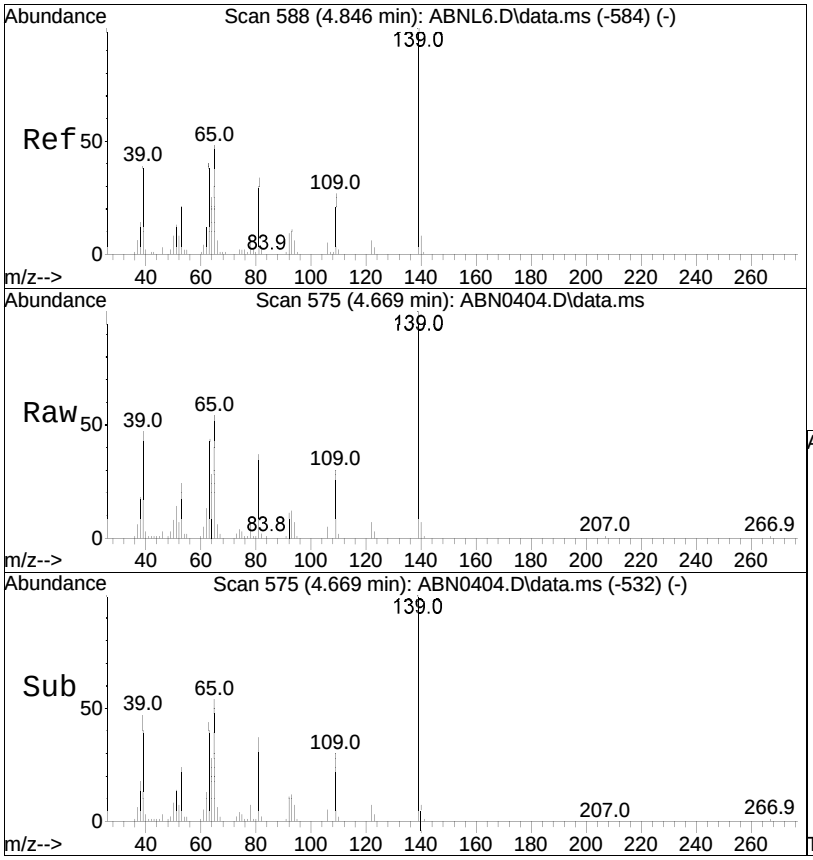


#21
Isophorone
Concen: 4.33 ug/ml
RT: 4.599 min Scan# 563
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 82 Resp: 56138

Ion	Ratio	Lower	Upper
82	100		
138	15.5	13.0	19.4
95	6.7	5.5	8.3

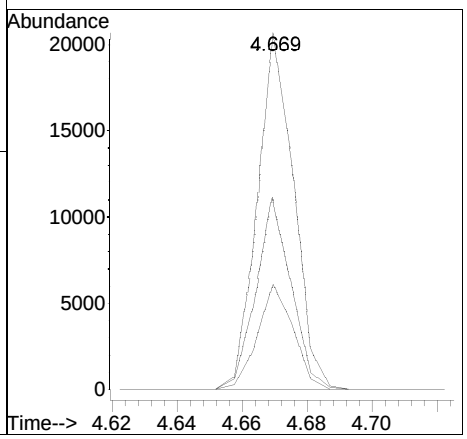


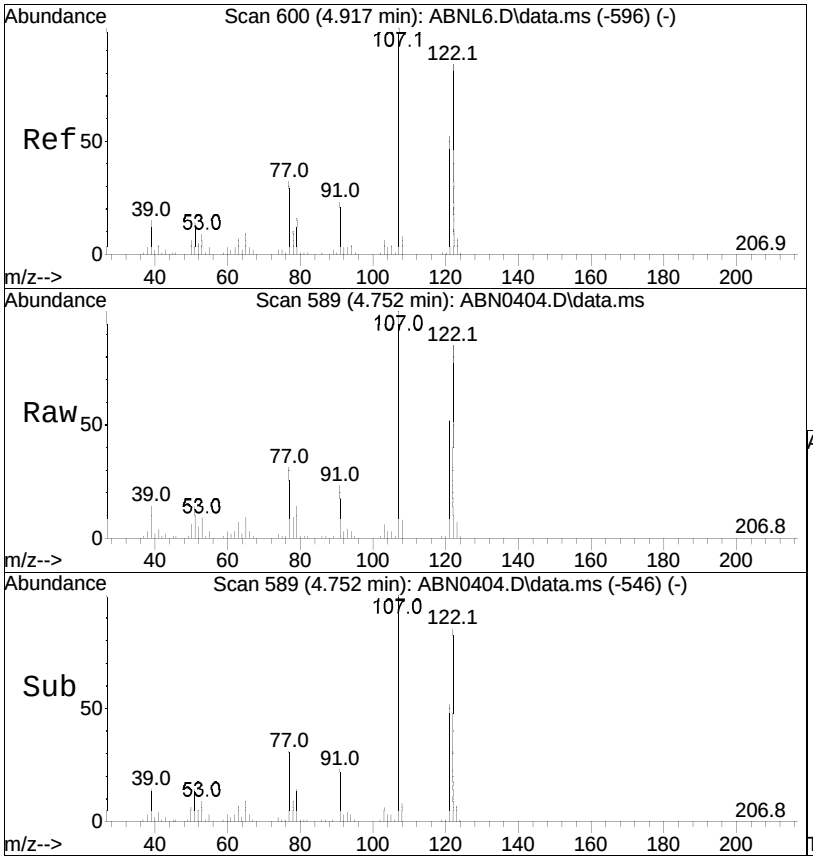


#22
2-Nitrophenol
Concen: 6.13 ug/ml
RT: 4.669 min Scan# 575
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:139 Resp: 15940

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.1	34.7
65	52.3	41.4	62.2

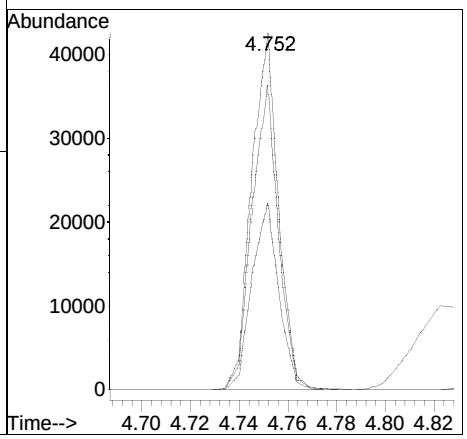


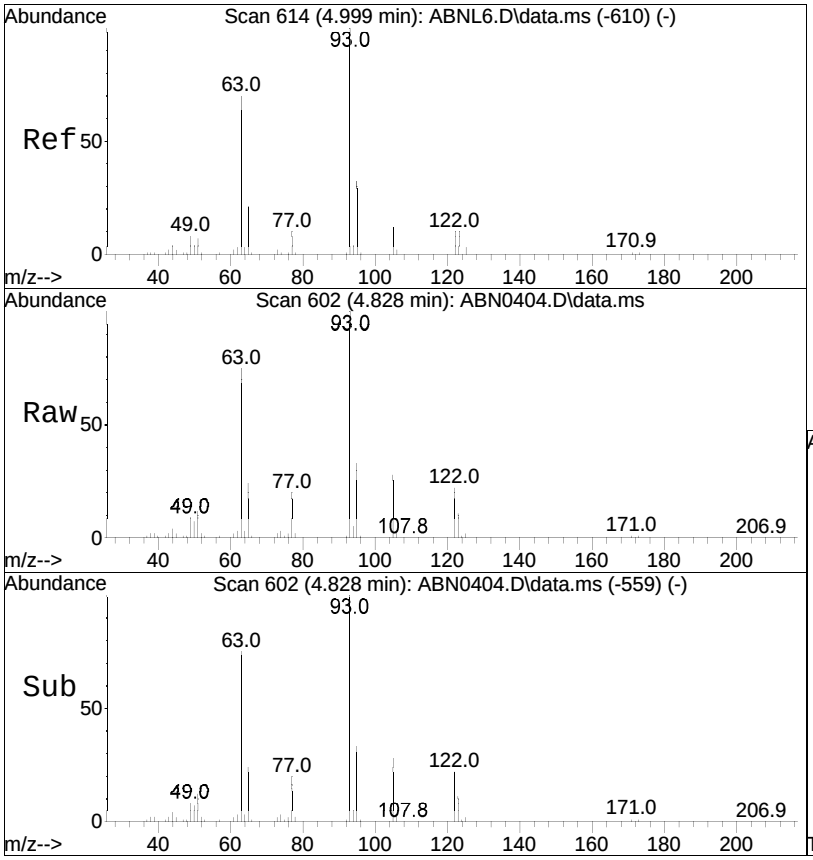


#23
2,4-Dimethylphenol
Concen: 5.18 ug/ml
RT: 4.752 min Scan# 589
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:107 Resp: 32278

Ion	Ratio	Lower	Upper
107	100		
121	52.6	41.3	61.9
122	84.3	69.3	103.9

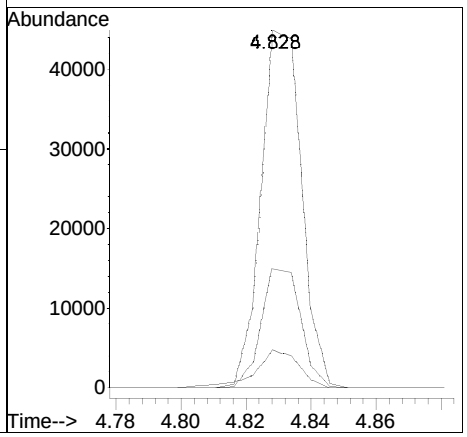


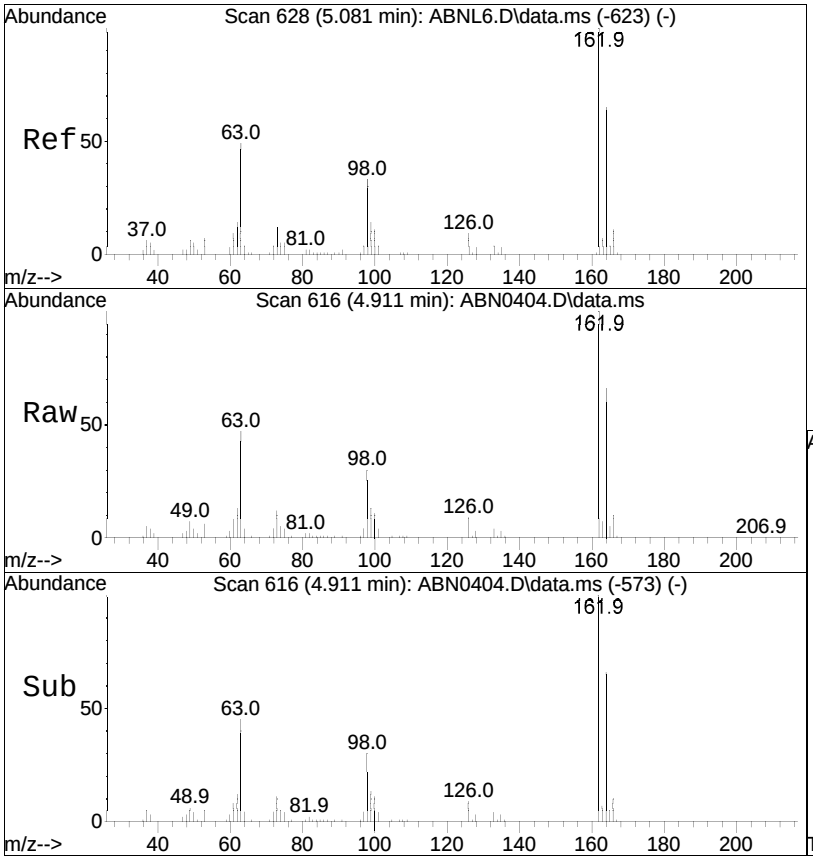


#24
Bis(2-chloroethoxy)methane
Concen: 4.81 ug/ml
RT: 4.828 min Scan# 602
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 93 Resp: 38612

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.8
123	11.6	9.6	14.4

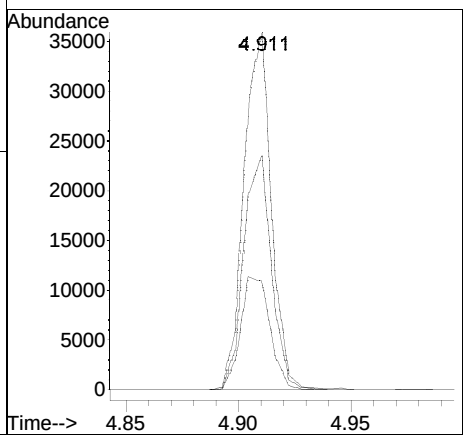


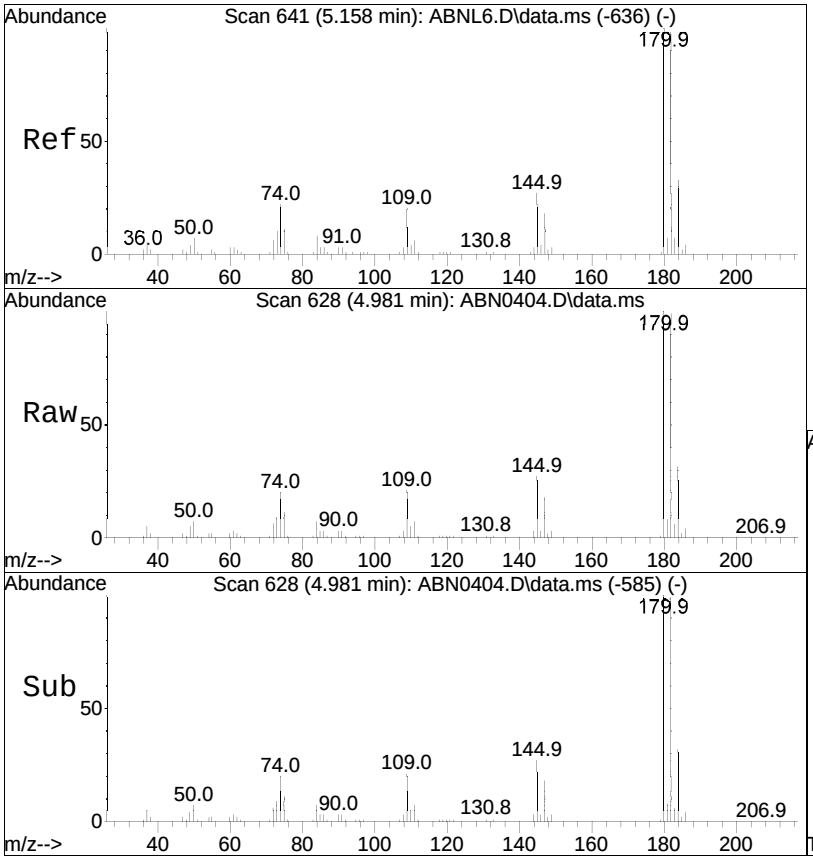


#25
2,4-Dichlorophenol
Concen: 5.12 ug/ml
RT: 4.911 min Scan# 616
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:162 Resp: 30150

Ion	Ratio	Lower	Upper
162	100		
164	66.3	51.1	76.7
98	34.2	32.2	48.2

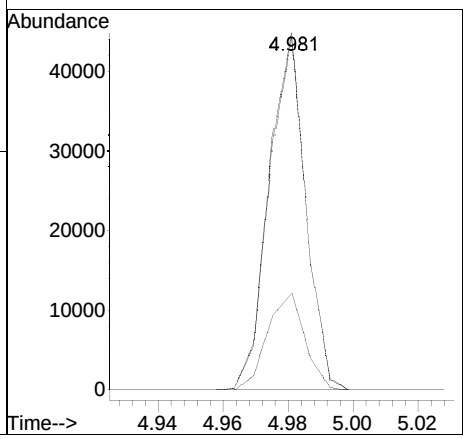


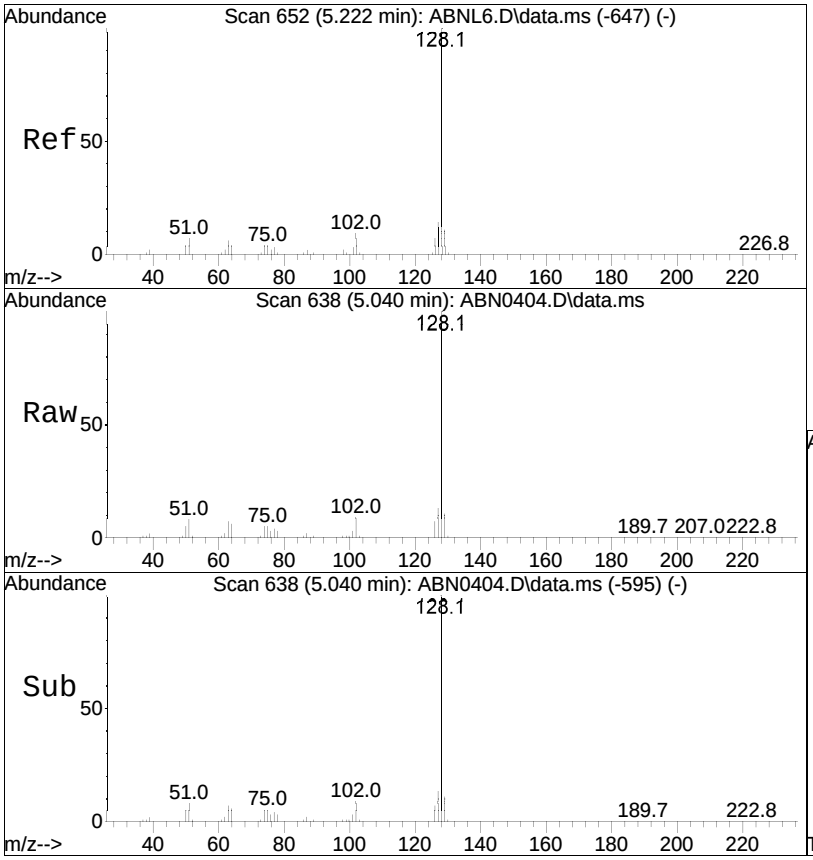


#26
1,2,4-Trichlorobenzene
Concen: 4.78 ug/ml
RT: 4.981 min Scan# 628
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:180 Resp: 35073

Ion	Ratio	Lower	Upper
180	100		
182	98.2	75.8	113.8
145	27.6	26.3	39.5

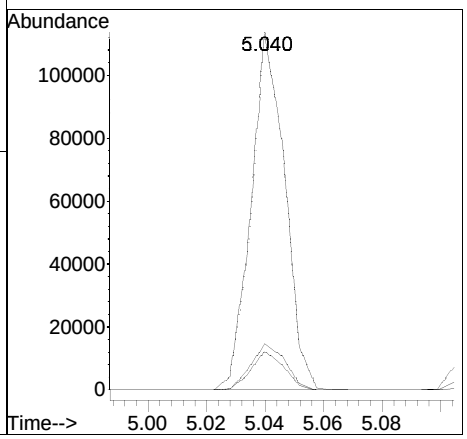


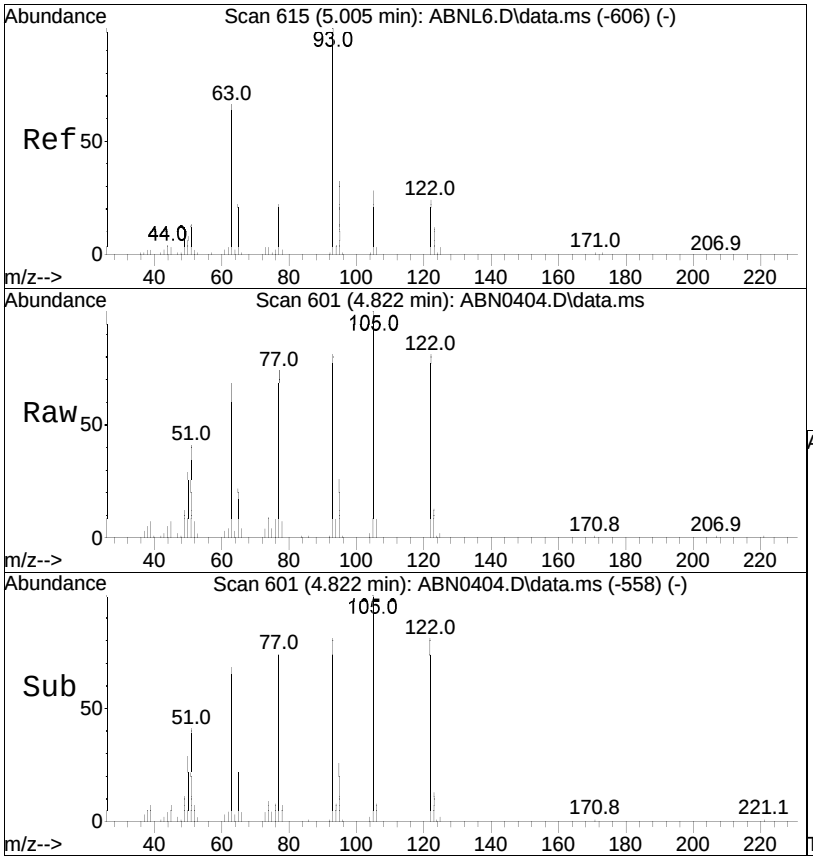


#36
Naphthalene
Concen: 4.81 ug/ml
RT: 5.040 min Scan# 638
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:128 Resp: 89571

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.4	10.6	15.8

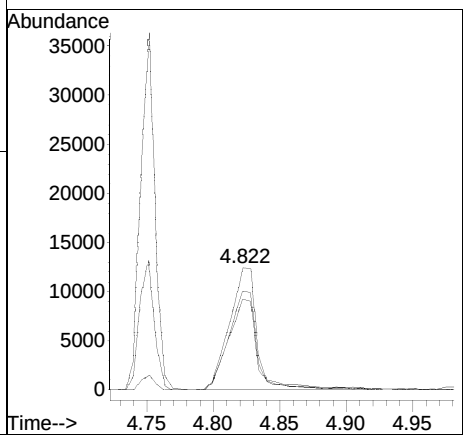


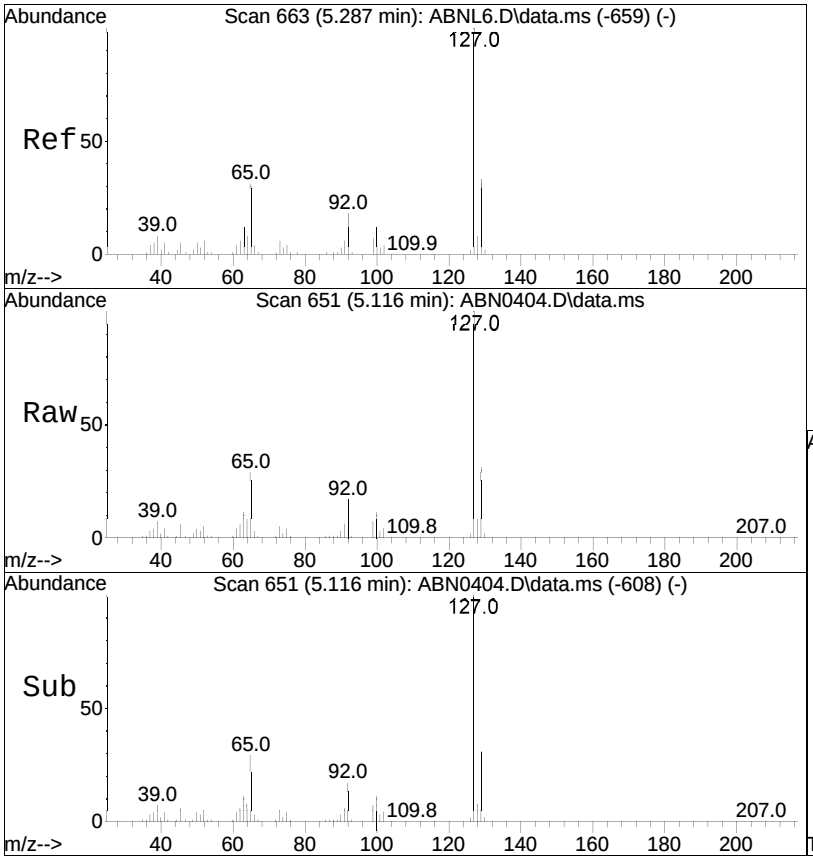


#37
Benzoic Acid
Concen: 4.86 ug/ml
RT: 4.822 min Scan# 601
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:105 Resp: 18648

Ion	Ratio	Lower	Upper
105	100		
122	79.1	62.6	93.8
77	74.4	59.1	88.7

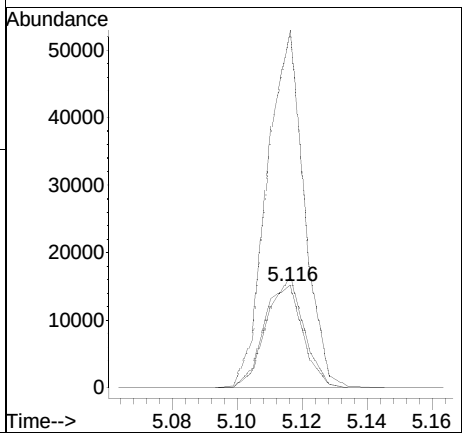


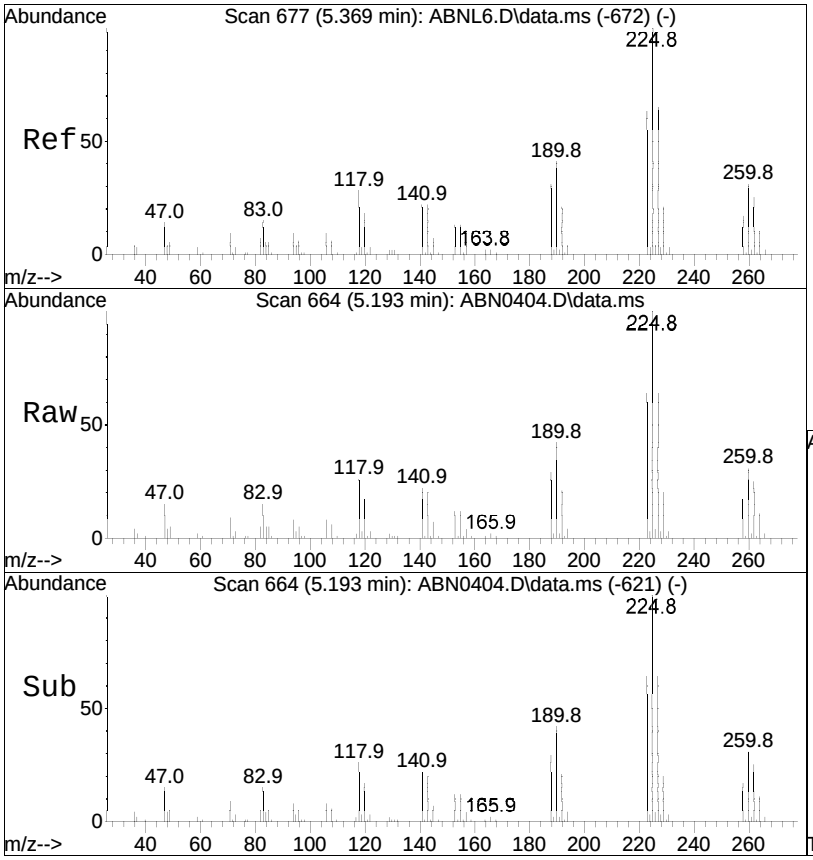


#38
4-Chloroaniline
Concen: 5.18 ug/ml
RT: 5.116 min Scan# 651
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 65 Resp: 12693

Ion	Ratio	Lower	Upper
65	100		
127	327.8	266.2	399.4
129	102.7	85.0	127.4

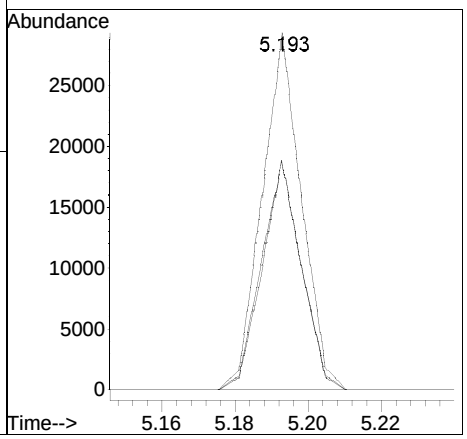


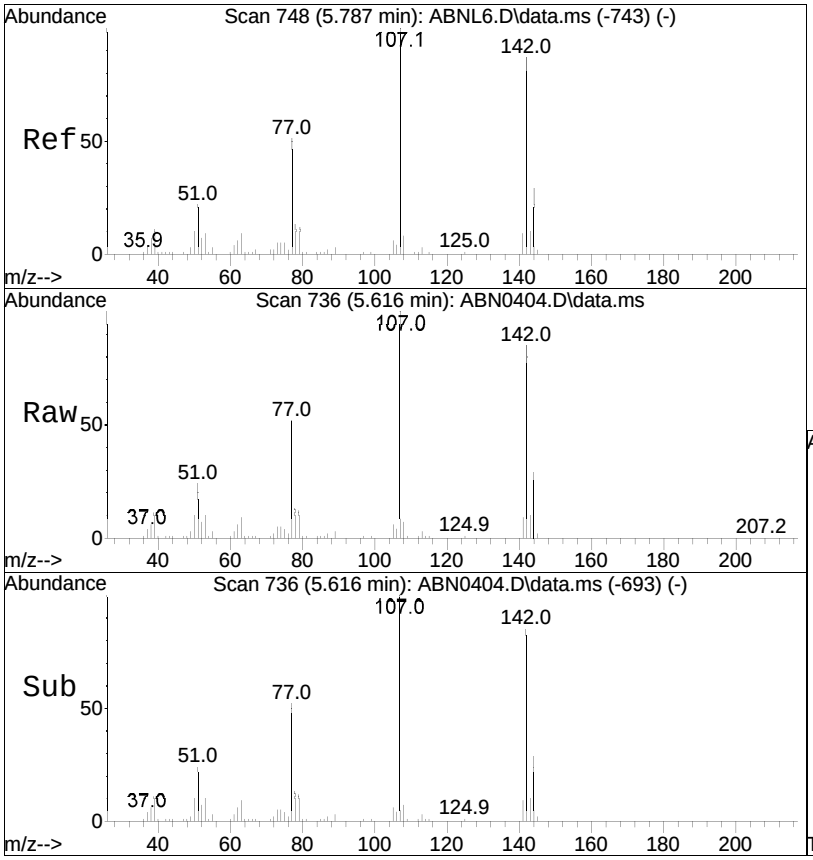


#39
Hexachlorobutadiene
Concen: 4.77 ug/ml
RT: 5.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:225 Resp: 21715

Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.5	75.7
227	64.1	50.4	75.6

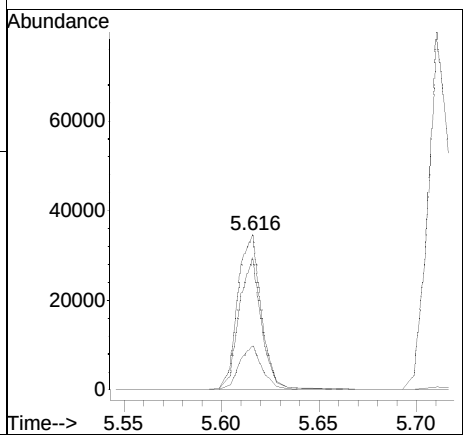


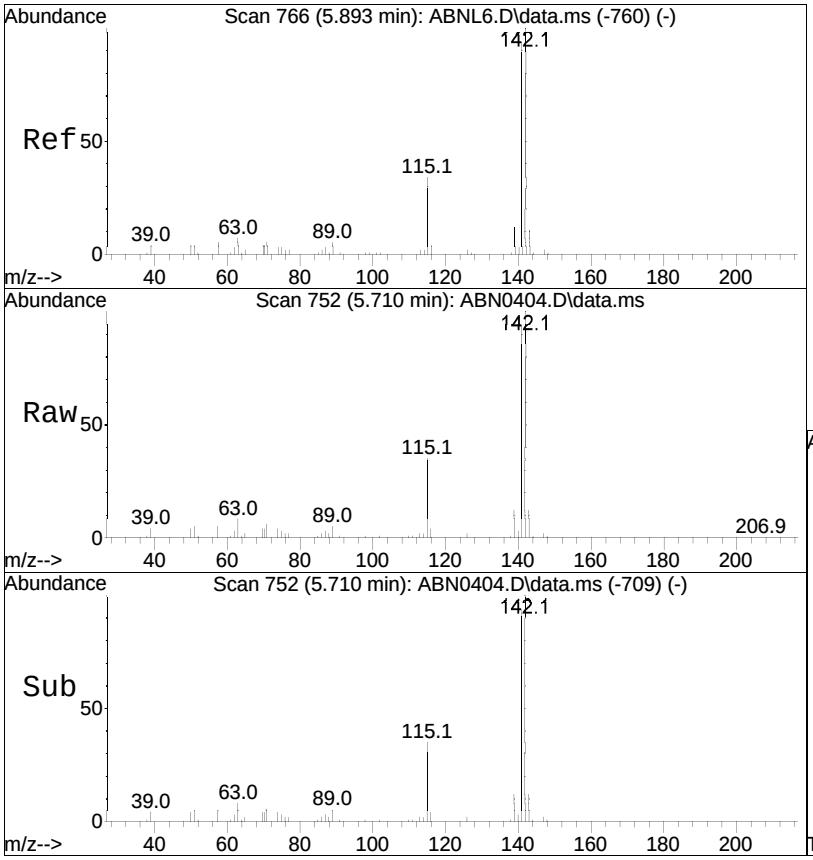


#40
p-Chloro-m-cresol
Concen: 5.28 ug/ml
RT: 5.616 min Scan# 736
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:107 Resp: 29111

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.3	30.5
142	80.5	63.8	95.6

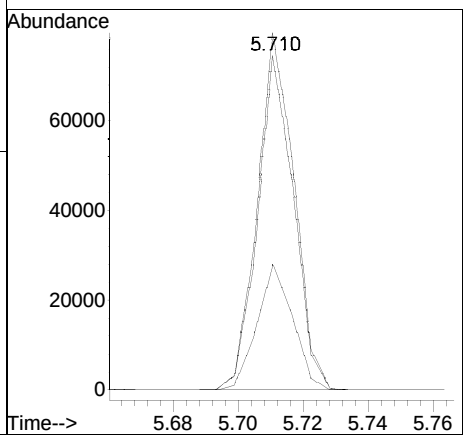


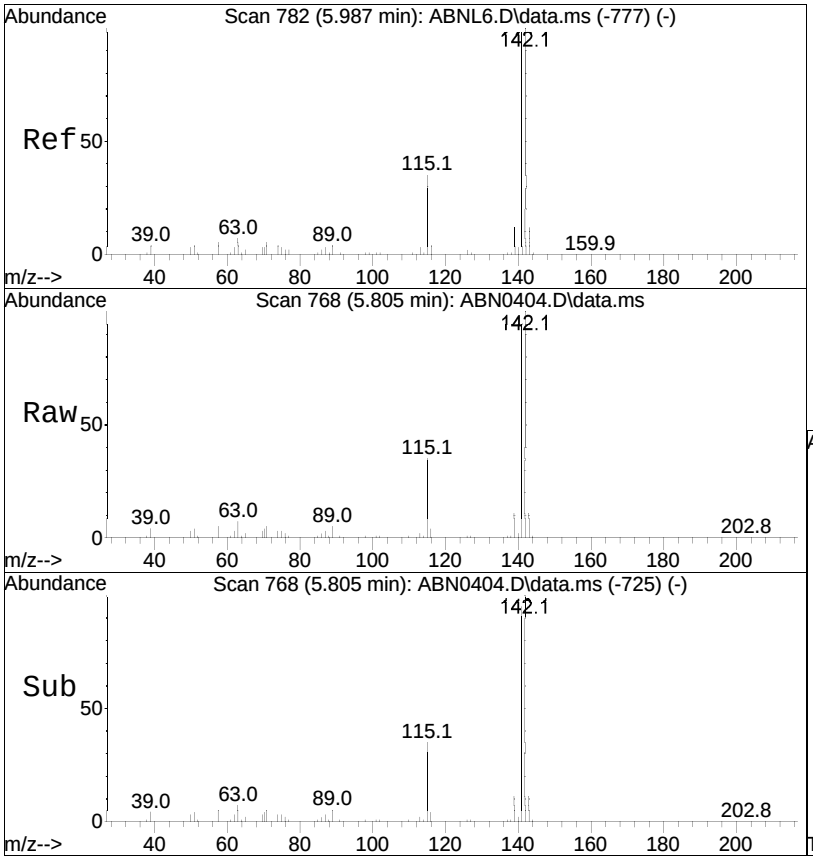


#41
2-Methylnaphthalene
Concen: 4.94 ug/ml
RT: 5.710 min Scan# 752
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:142 Resp: 62210

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.2	108.4
115	34.3	27.8	41.6

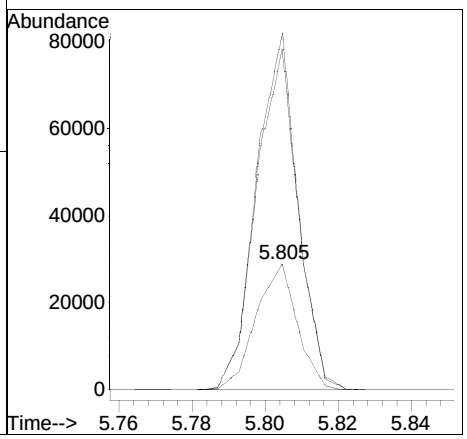


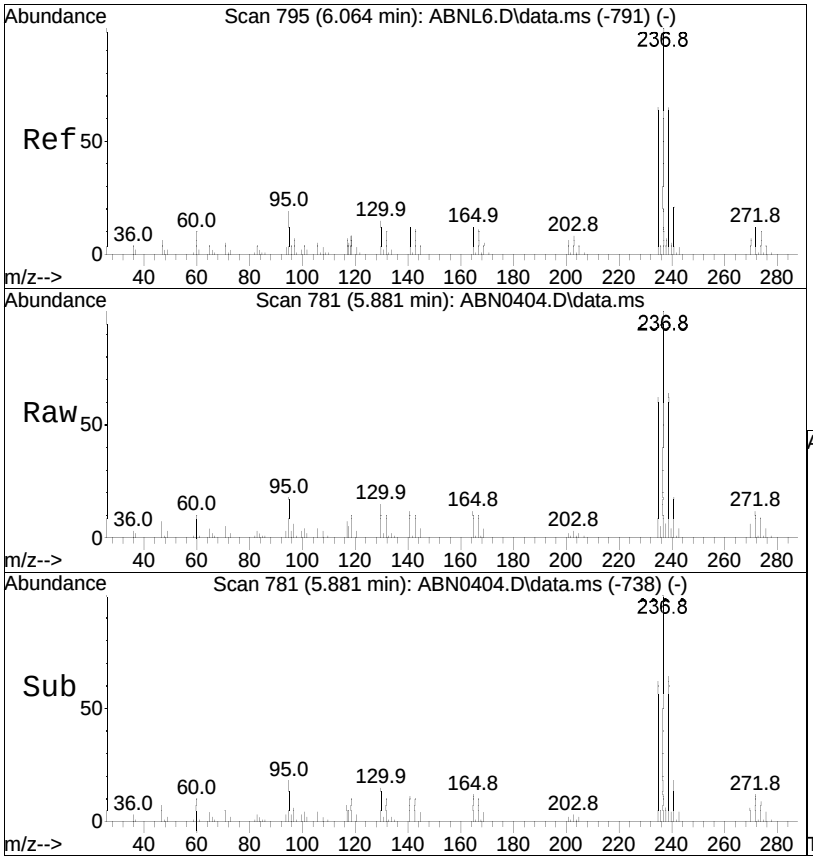


#42
1-Methylnaphthalene
Concen: 4.96 ug/ml
RT: 5.805 min Scan# 768
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:115 Resp: 22630

Ion	Ratio	Lower	Upper
115	100		
141	273.6	205.4	308.2
142	284.7	220.2	330.4

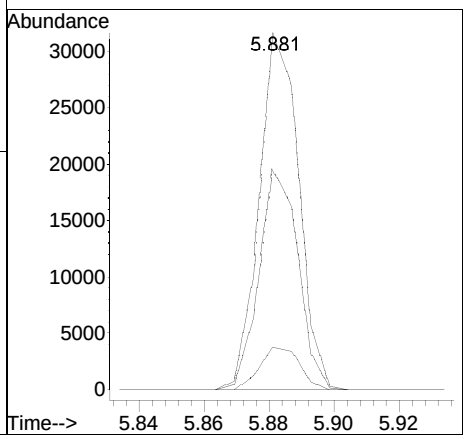


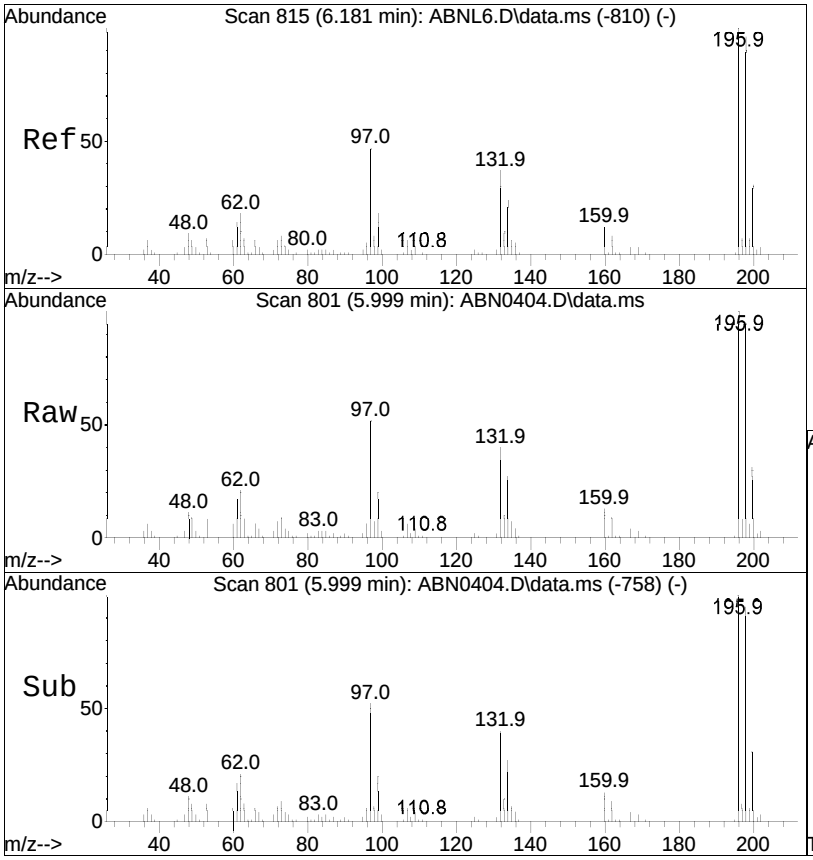


#43
Hexachlorocyclopentadiene
Concen: 5.05 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:237 Resp: 26603

Ion	Ratio	Lower	Upper
237	100		
235	61.1	50.9	76.3
272	12.2	10.1	15.1

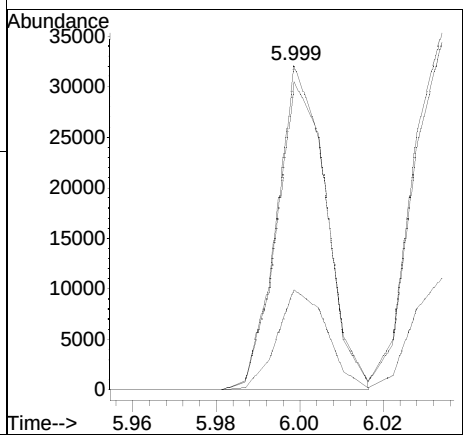


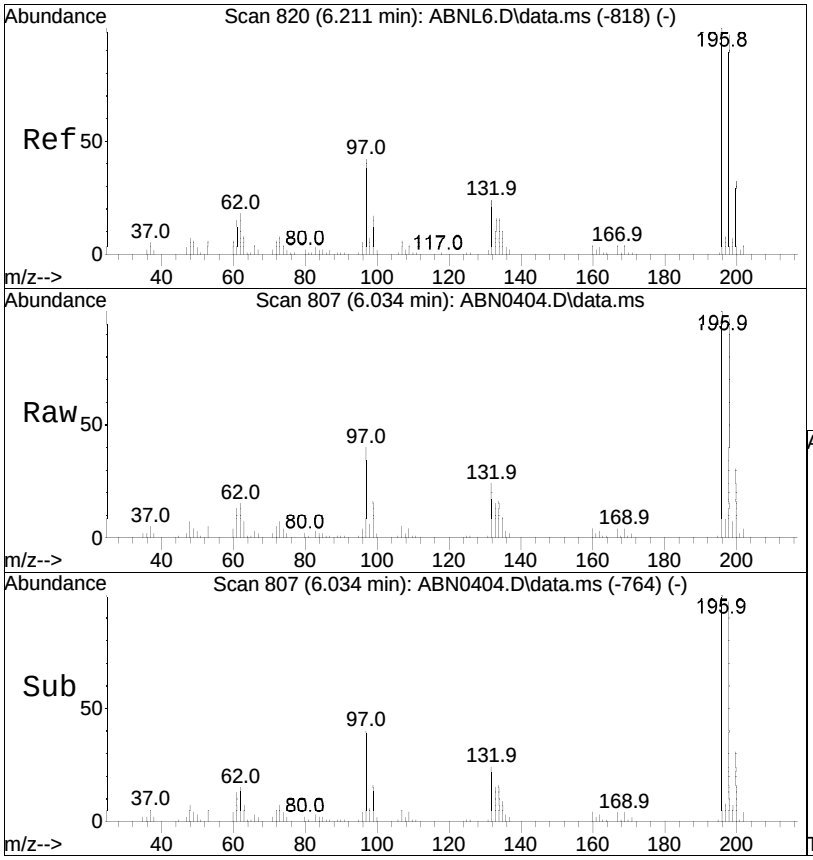


#44
2,4,6-Trichlorophenol
Concen: 5.27 ug/ml
RT: 5.999 min Scan# 801
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:196 Resp: 26290

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.4	114.6
200	31.4	24.4	36.6

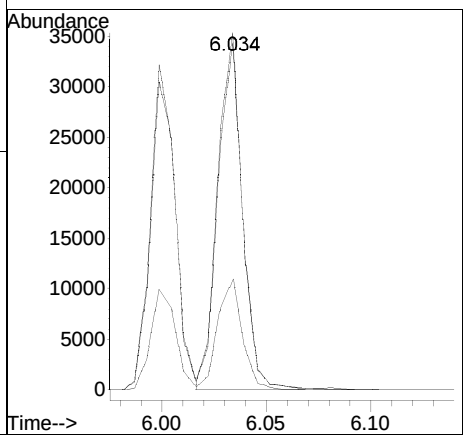


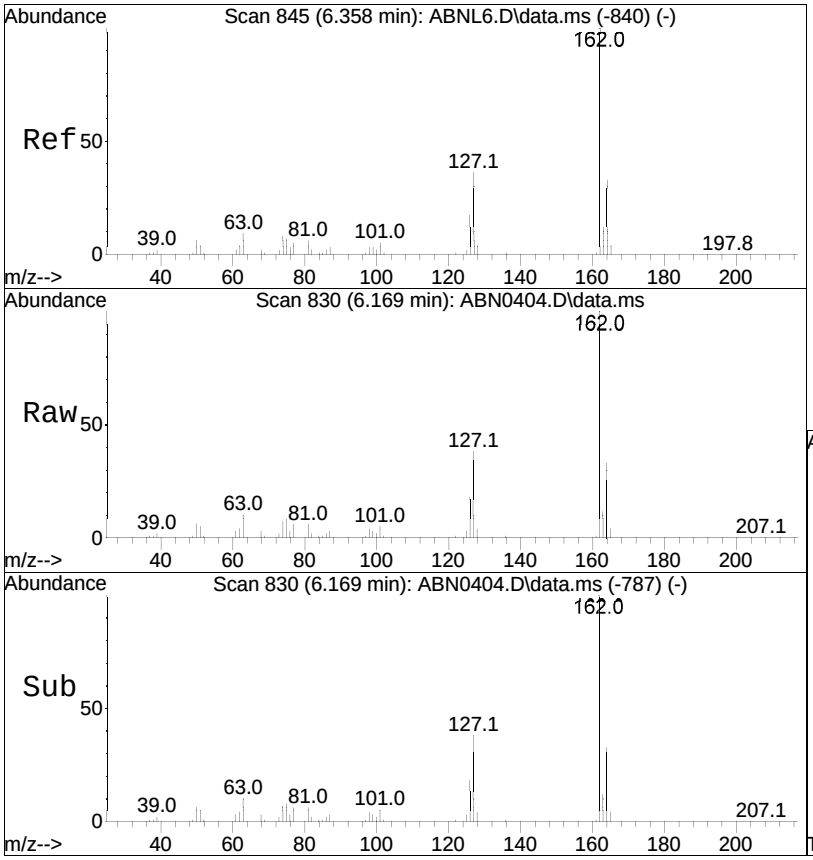


#45
2,4,5-Trichlorophenol
Concen: 5.43 ug/ml
RT: 6.034 min Scan# 807
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:196 Resp: 29039

Ion	Ratio	Lower	Upper
196	100		
200	31.2	24.2	36.4
198	97.7	76.2	114.2

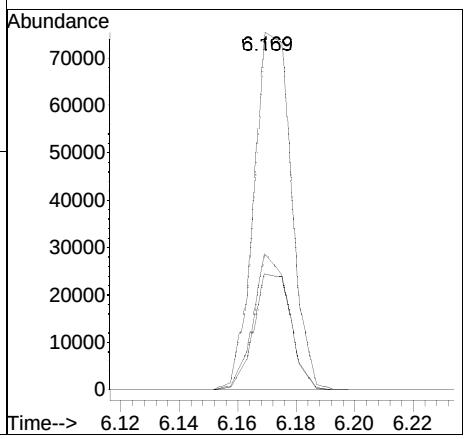


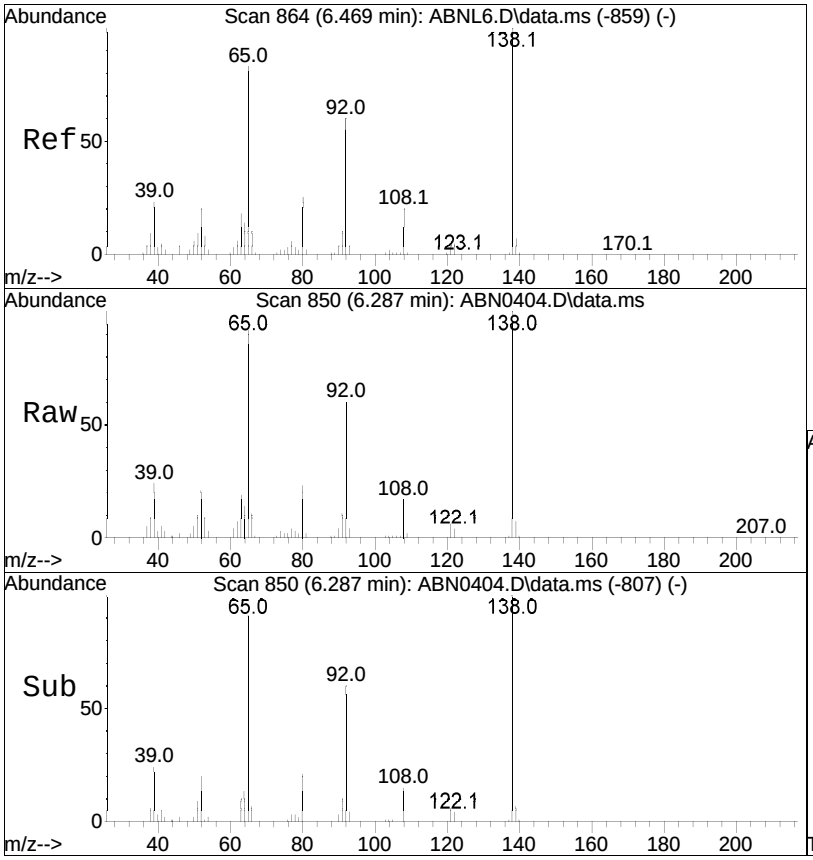


#47
2-Chloronaphthalene
Concen: 4.56 ug/ml
RT: 6.169 min Scan# 830
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:162 Resp: 66535

Ion	Ratio	Lower	Upper
162	100		
127	35.9	33.8	50.6
164	32.6	25.8	38.6

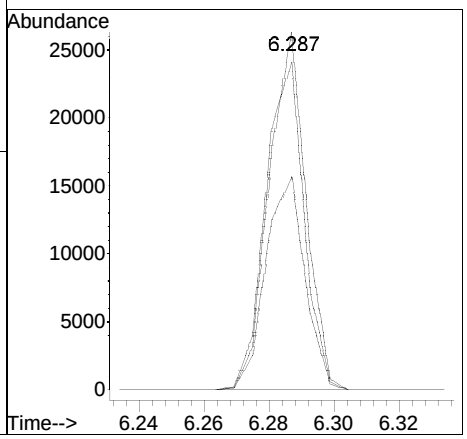


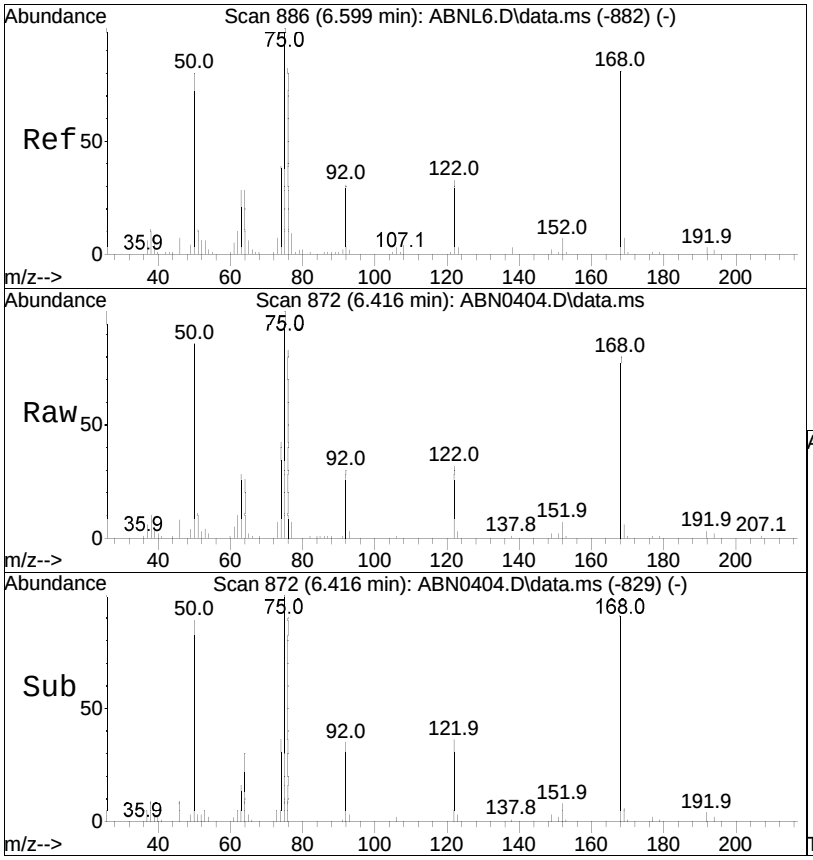


#48
2-Nitroaniline
Concen: 5.87 ug/ml
RT: 6.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:138 Resp: 20582

Ion	Ratio	Lower	Upper
138	100		
92	63.3	52.1	78.1
65	95.3	75.9	113.9

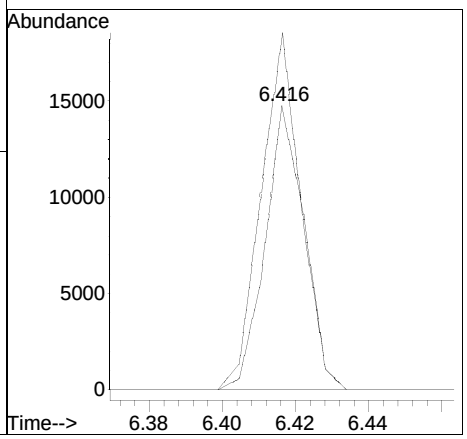


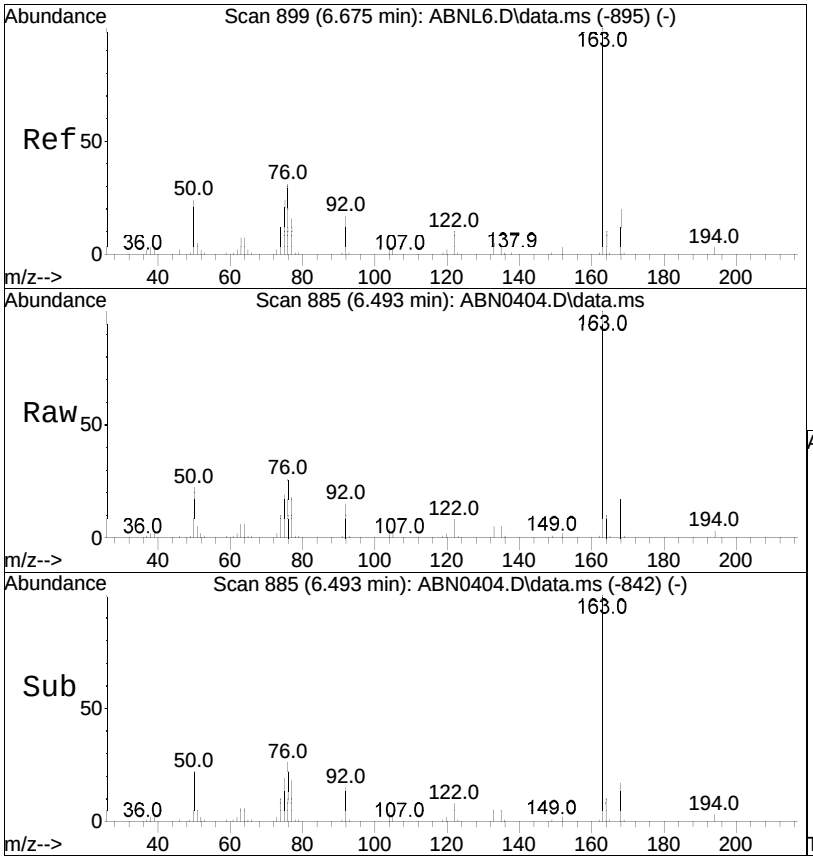


#49
1,4-Dinitrobenzene
Concen: 6.40 ug/ml
RT: 6.416 min Scan# 872
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:168 Resp: 10975

Ion	Ratio	Lower	Upper
168	100		
75	126.9	111.0	166.4

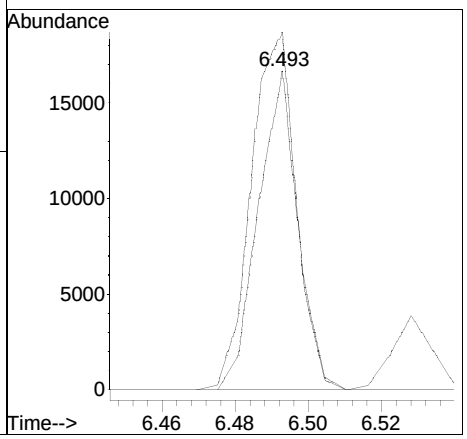


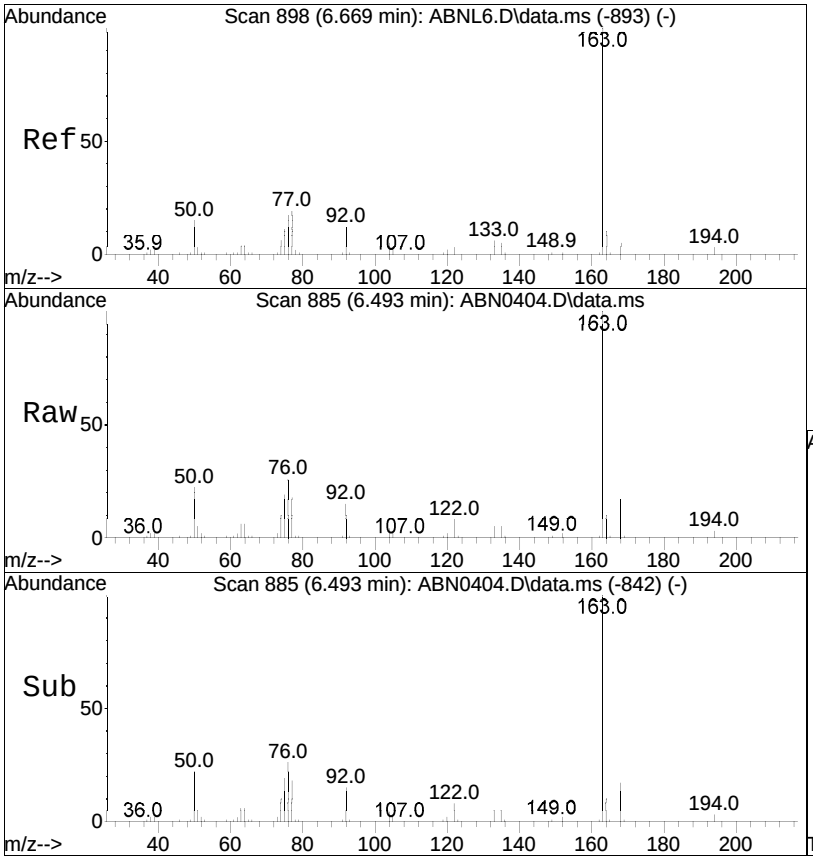


#50
1,3-Dinitrobenzene
Concen: 6.00 ug/ml
RT: 6.493 min Scan# 885
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:168 Resp: 12428

Ion	Ratio	Lower	Upper
168	100		
75	127.1	116.4	174.6

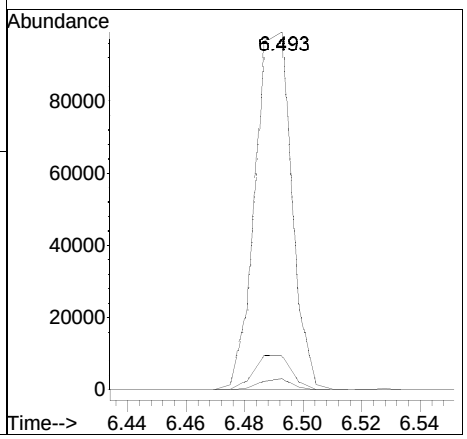


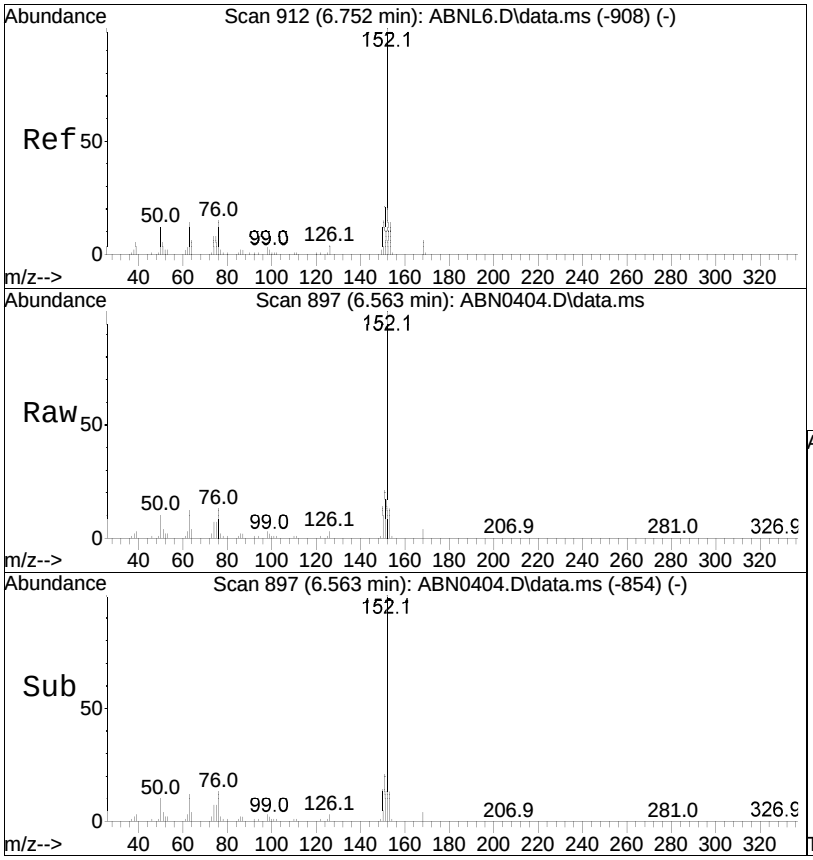


#51
Dimethyl phthalate
Concen: 4.56 ug/ml
RT: 6.493 min Scan# 885
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:163 Resp: 85689

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.3	3.5
164	9.9	8.2	12.2

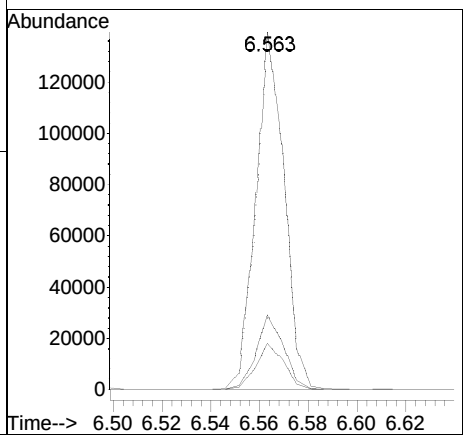


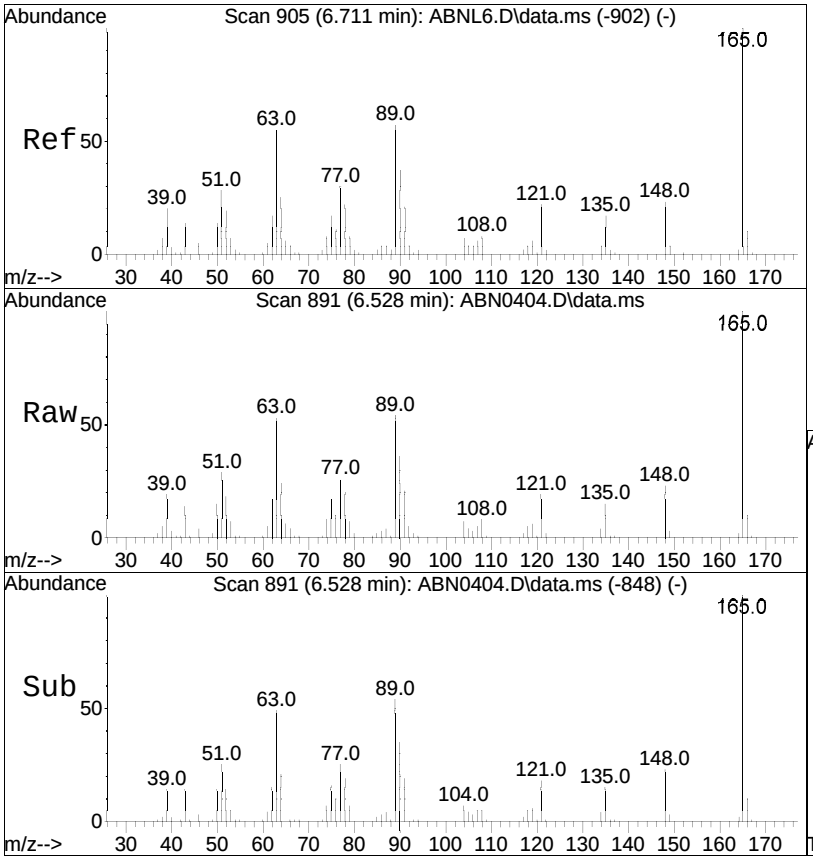


#52
Acenaphthylene
Concen: 4.74 ug/ml
RT: 6.563 min Scan# 897
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:152 Resp: 111169

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	12.9	10.5	15.7

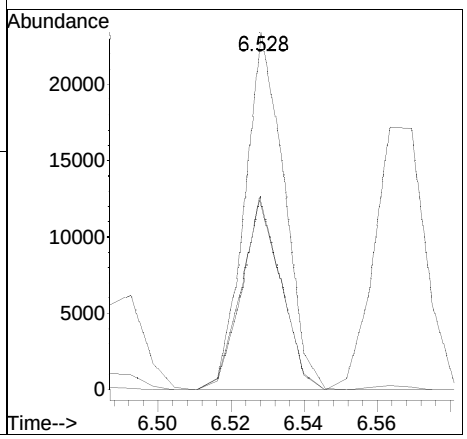


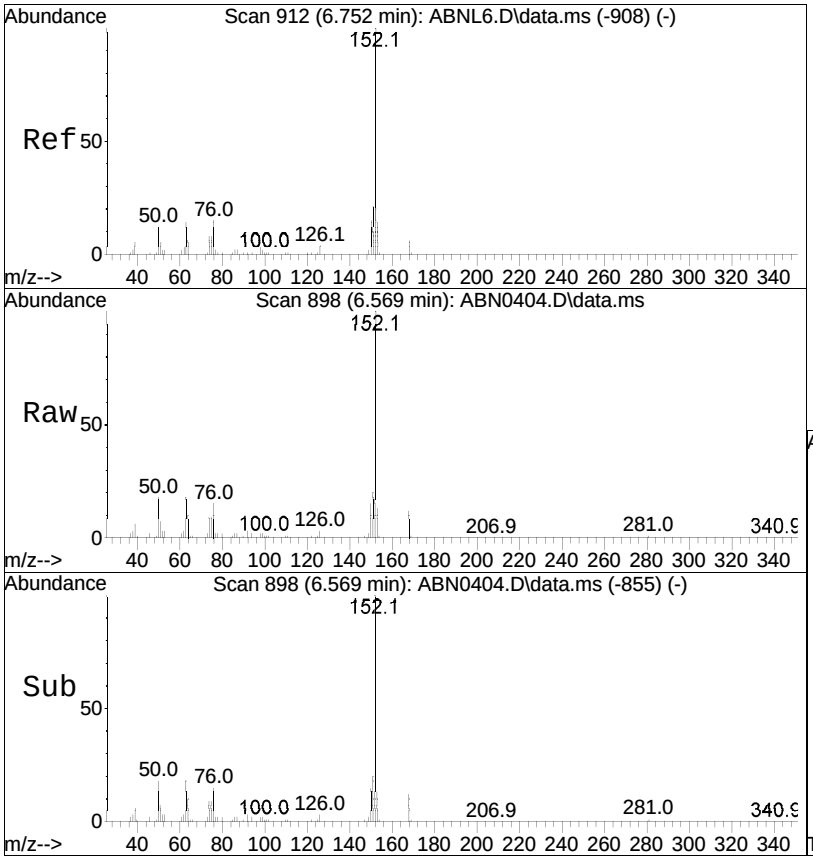


#53
2,6-Dinitrotoluene
Concen: 5.51 ug/ml
RT: 6.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:165 Resp: 17616

Ion	Ratio	Lower	Upper
165	100		
89	53.3	48.8	73.2
63	54.0	50.5	75.7

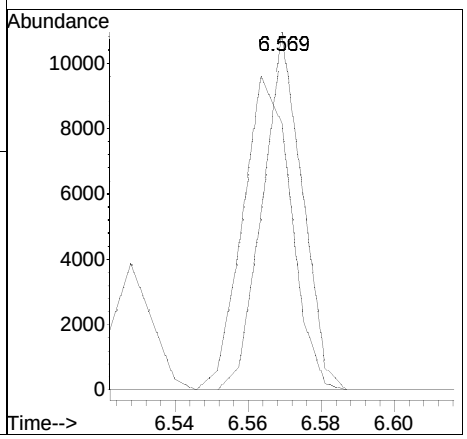


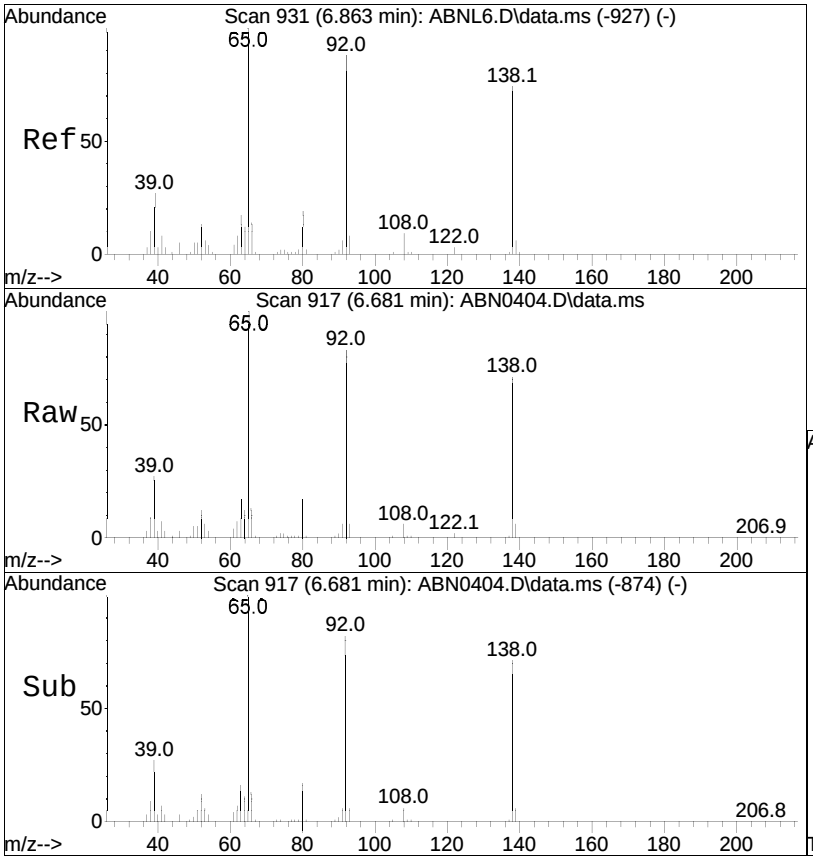


#54
1,2-Dinitrobenzene
Concen: 5.95 ug/ml
RT: 6.569 min Scan# 898
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:168 Resp: 8220

Ion	Ratio	Lower	Upper
168	100		
75	106.7	32.2	48.2#

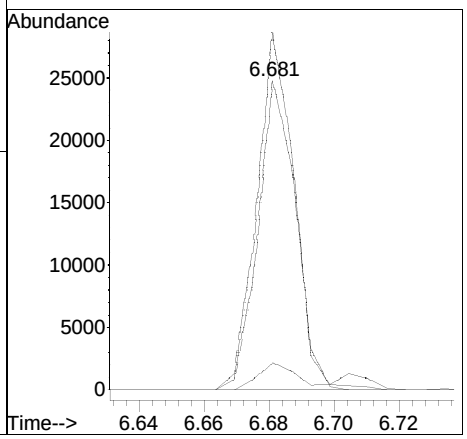


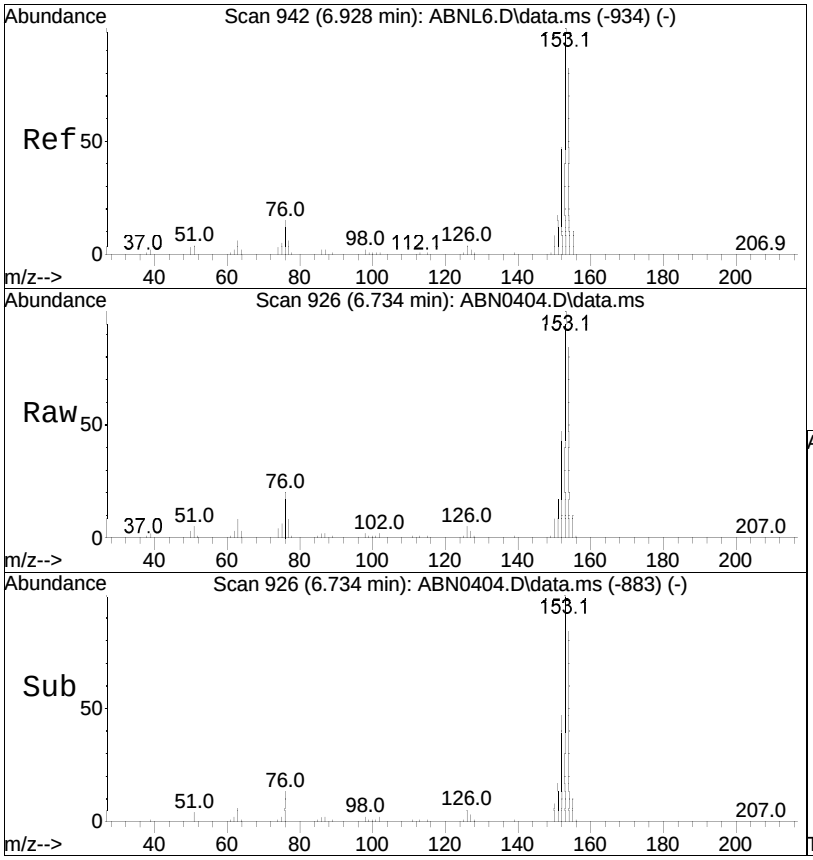


#64
3-Nitroaniline
Concen: 5.97 ug/ml
RT: 6.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:138 Resp: 19729

Ion	Ratio	Lower	Upper
138	100		
92	115.1	92.8	139.2
108	8.8	7.9	11.9

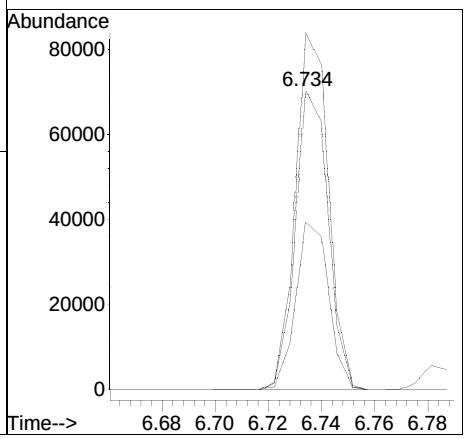


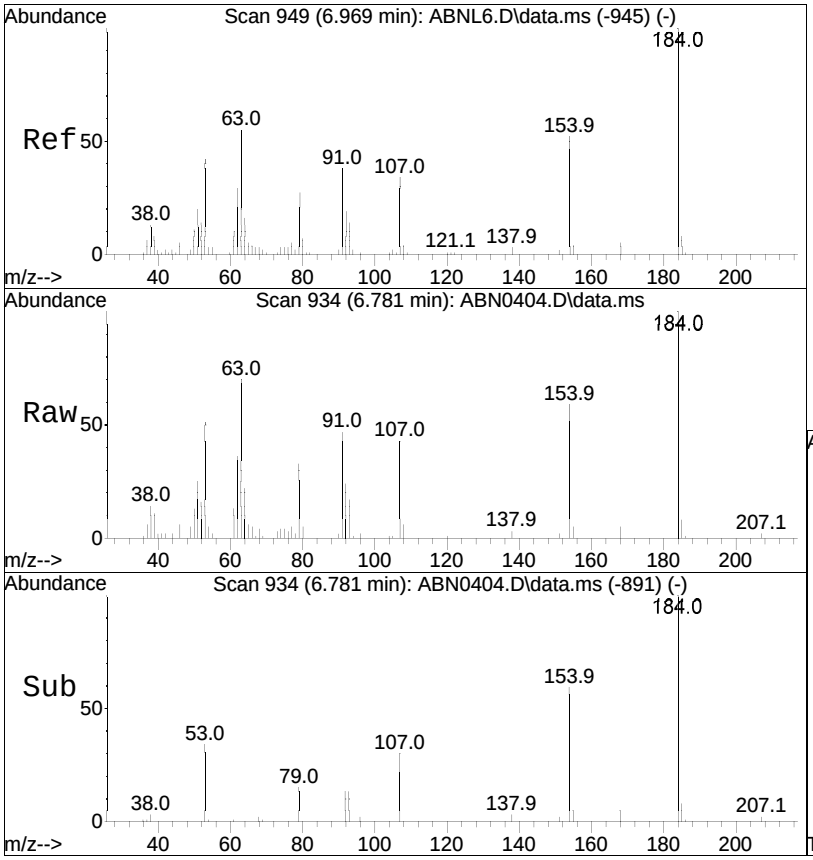


#65
Acenaphthene
Concen: 4.77 ug/ml
RT: 6.734 min Scan# 926
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:154 Resp: 60561

Ion	Ratio	Lower	Upper
154	100		
153	120.0	93.0	139.4
152	56.3	43.3	64.9

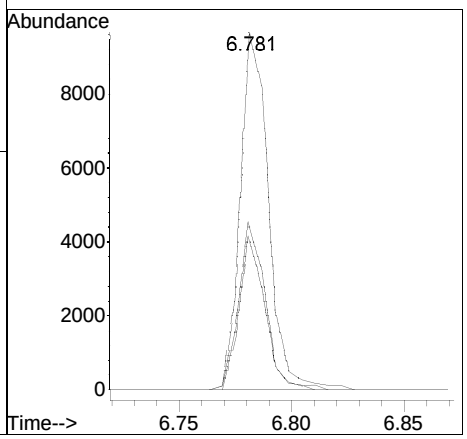


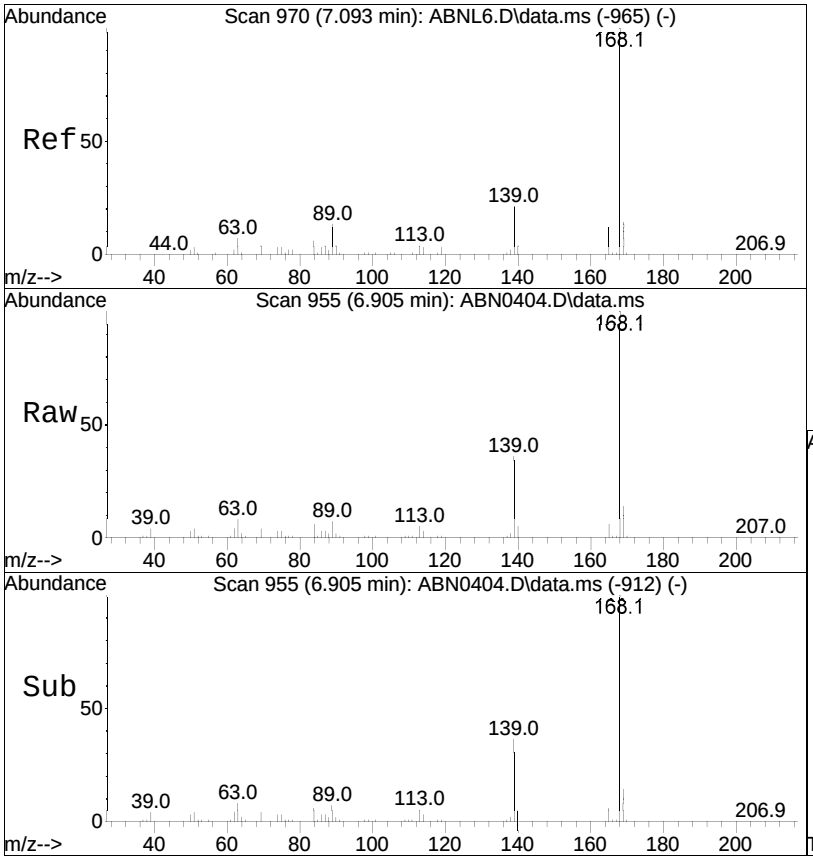


#66
2,4-Dinitrophenol
Concen: 5.30 ug/ml
RT: 6.781 min Scan# 934
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:184 Resp: 8351

Ion	Ratio	Lower	Upper
184	100		
107	39.0	41.8	62.6#
91	44.6	44.2	66.2

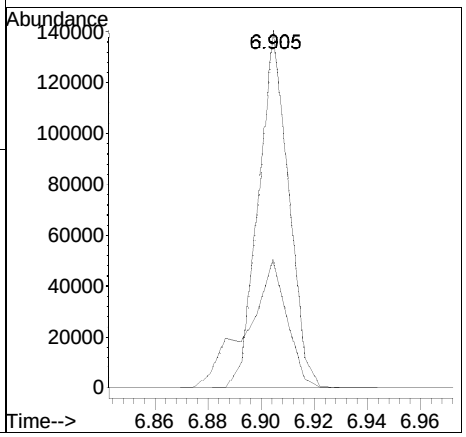


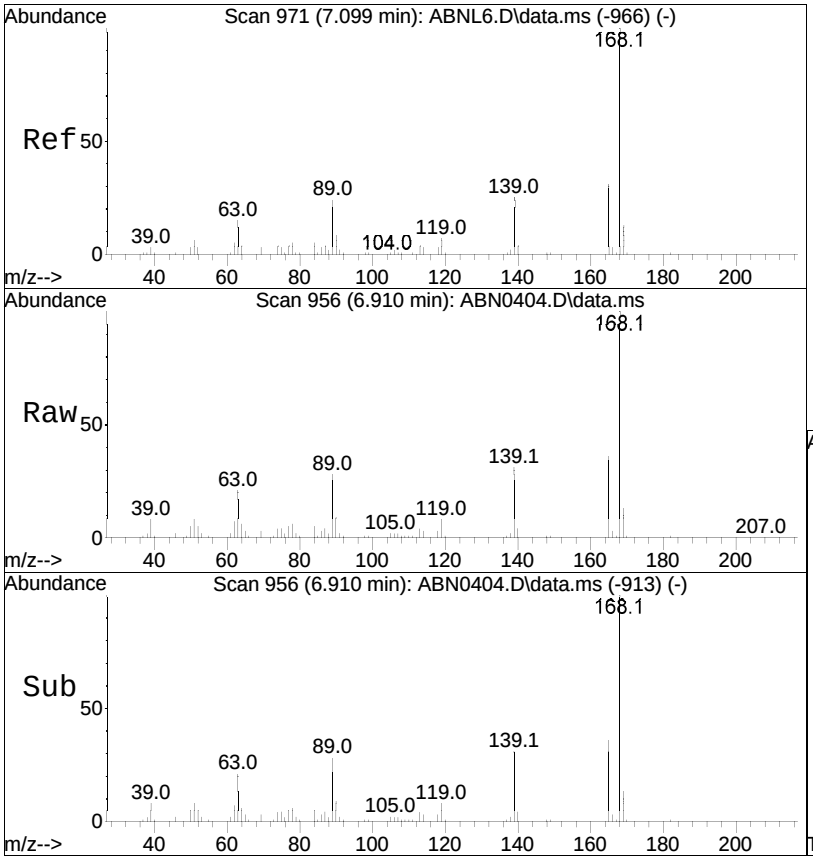


#67
Dibenzofuran
Concen: 5.03 ug/ml
RT: 6.905 min Scan# 955
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:168 Resp: 108987

Ion	Ratio	Lower	Upper
168	100		
139	49.2	32.3	48.5#

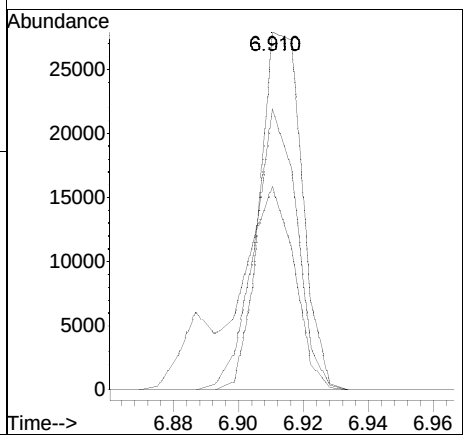


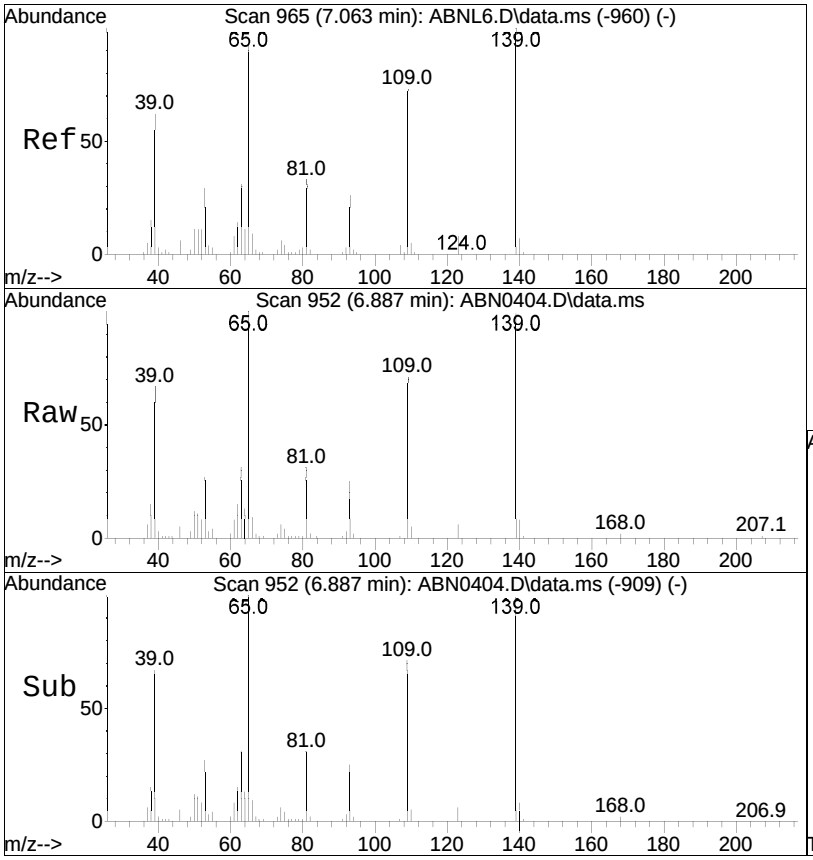


#68
2,4-Dinitrotoluene
Concen: 6.03 ug/ml
RT: 6.910 min Scan# 956
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:165 Resp: 25096

Ion	Ratio	Lower	Upper
165	100		
89	78.9	73.0	109.4
63	83.4	56.3	84.5

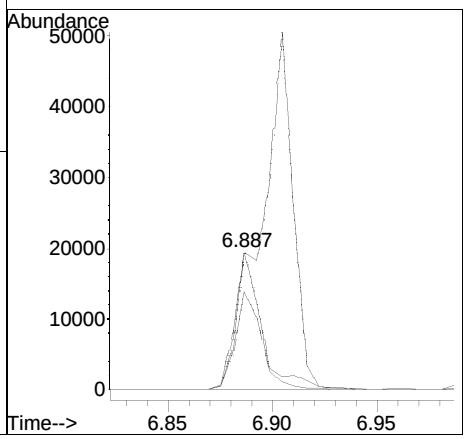


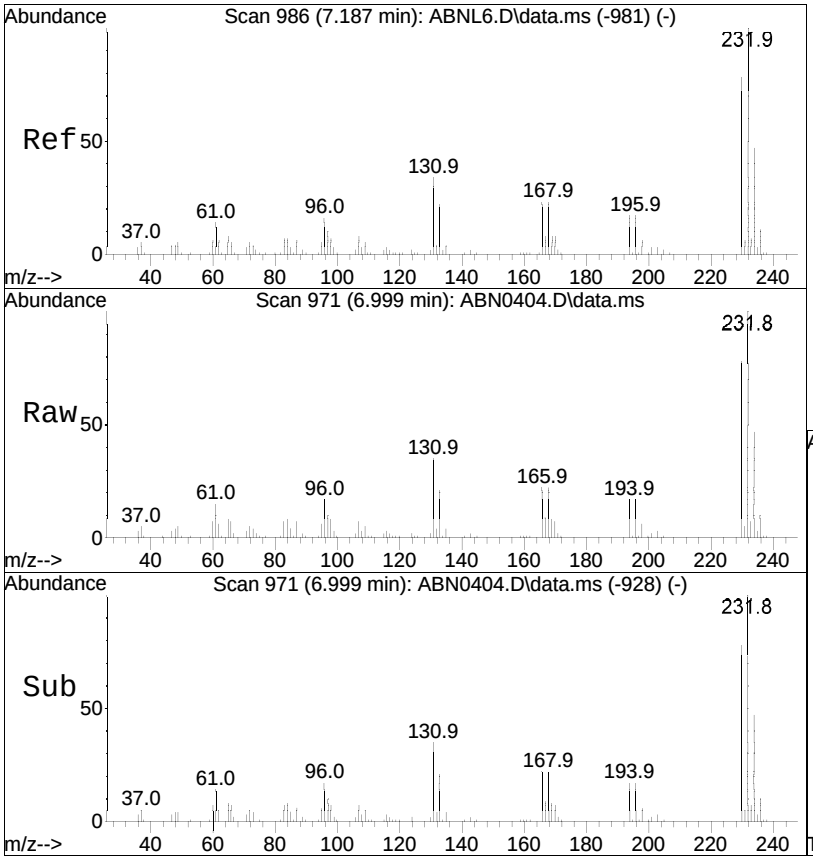


#69
4-Nitrophenol
Concen: 6.85 ug/ml
RT: 6.887 min Scan# 952
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 65 Resp: 17158

Ion	Ratio	Lower	Upper
65	100		
109	69.4	60.2	90.2
139	312.4	81.1	121.7#

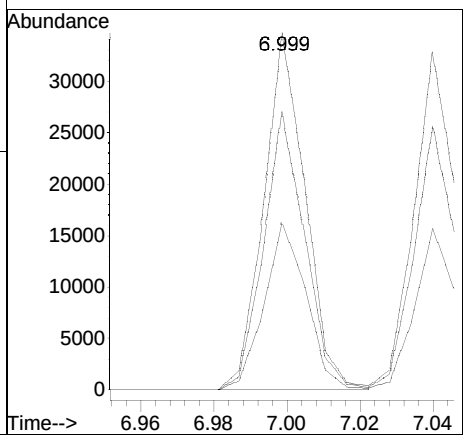


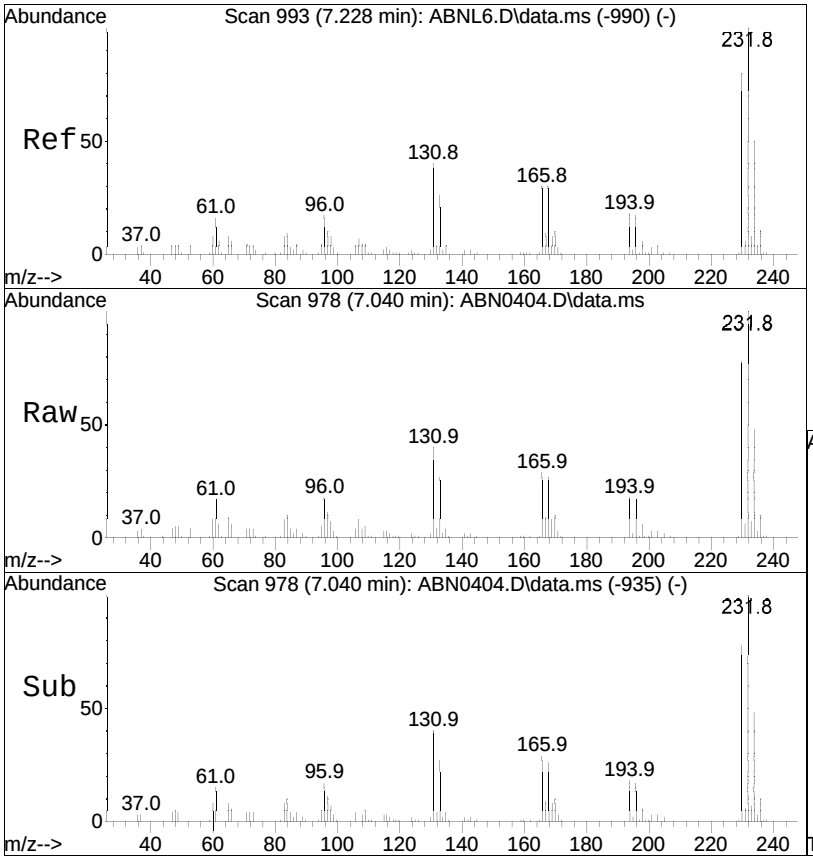


#70
2,3,5,6-Tetrachlorophenol
Concen: 5.95 ug/ml
RT: 6.999 min Scan# 971
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:232 Resp: 27335

Ion	Ratio	Lower	Upper
232	100		
230	77.5	63.8	95.8
234	47.6	38.3	57.5

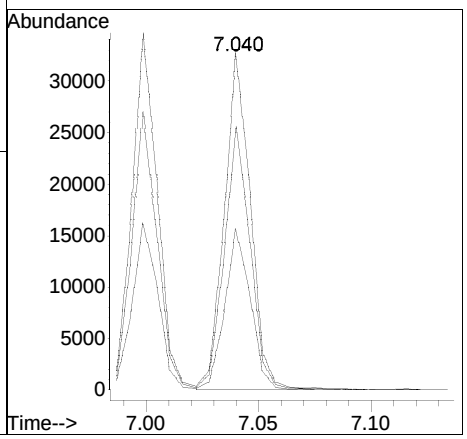


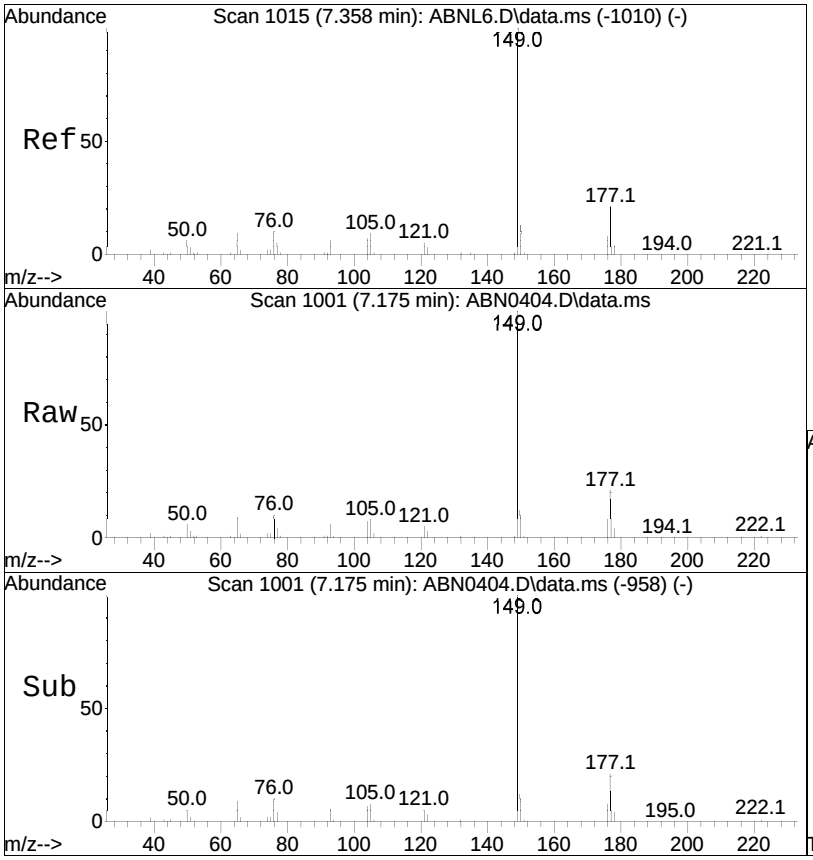


#71
2,3,4,6-Tetrachlorophenol
Concen: 5.86 ug/ml
RT: 7.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:232 Resp: 26520

Ion	Ratio	Lower	Upper
232	100		
230	77.4	63.8	95.8
234	46.8	39.0	58.6

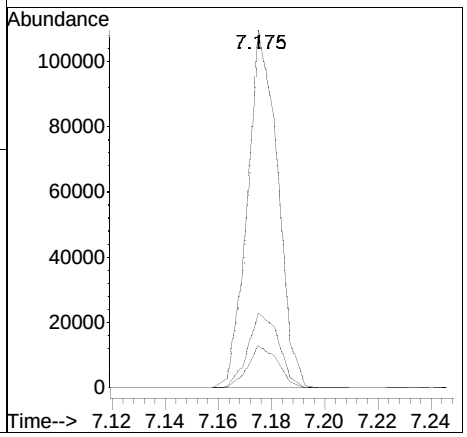


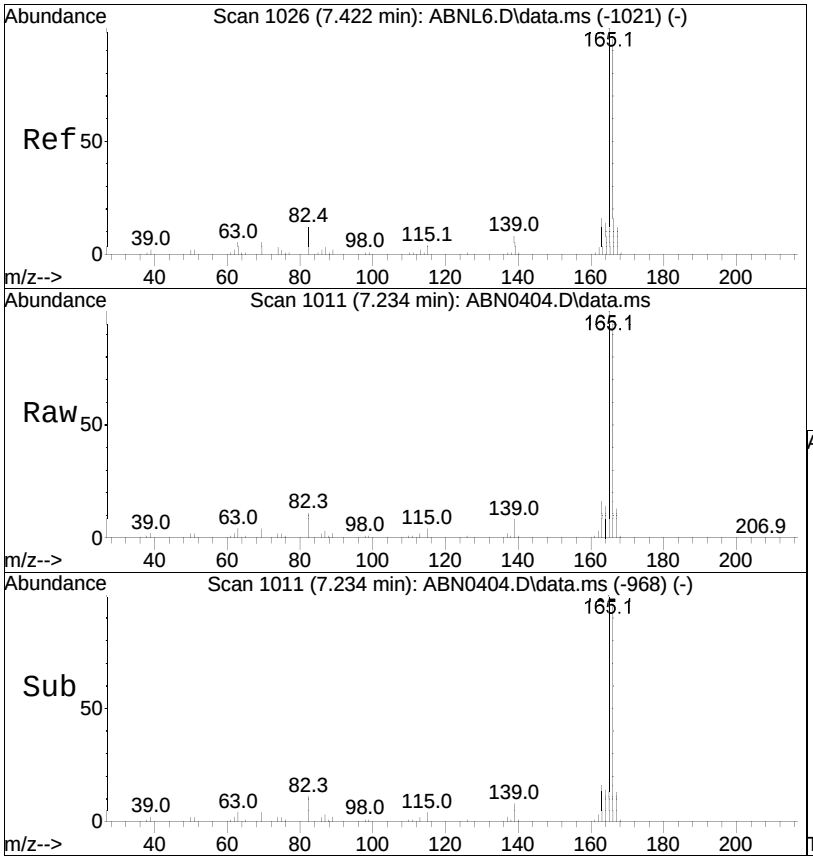


#72
Diethyl phthalate
Concen: 4.71 ug/ml
RT: 7.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:149 Resp: 85878

Ion	Ratio	Lower	Upper
149	100		
177	21.6	15.0	22.6
150	12.0	9.8	14.6

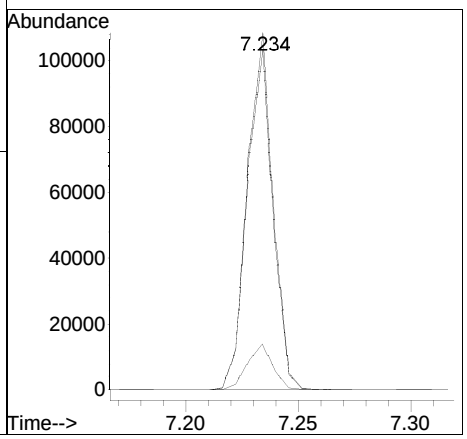


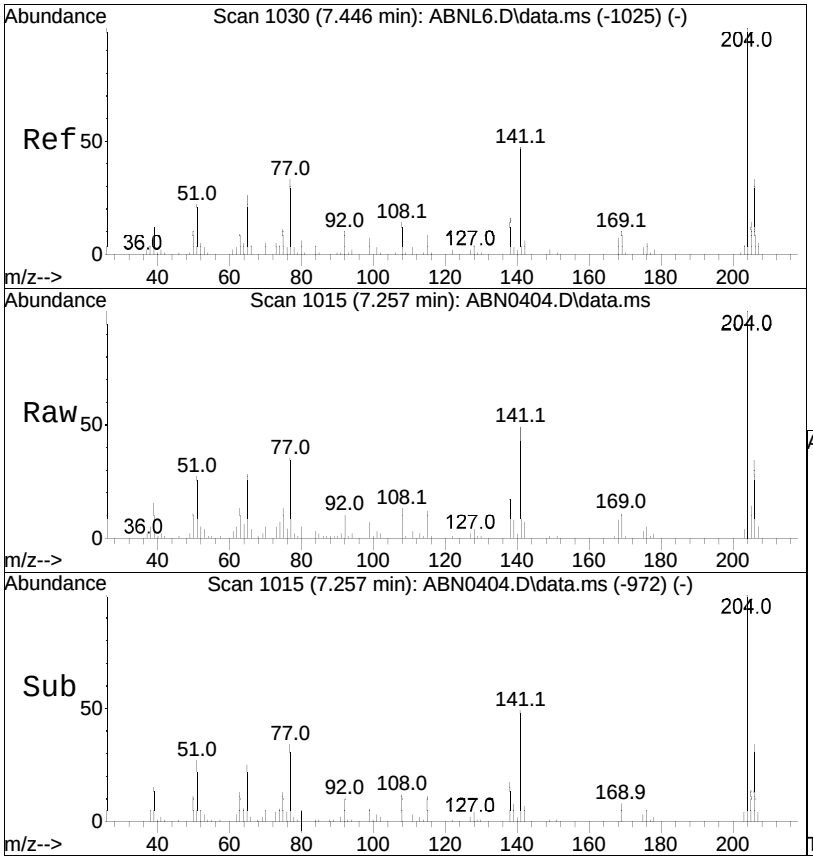


#73
Fluorene
Concen: 4.67 ug/ml
RT: 7.234 min Scan# 1011
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:166 Resp: 82050

Ion	Ratio	Lower	Upper
166	100		
165	105.2	80.0	120.0
167	13.6	10.7	16.1

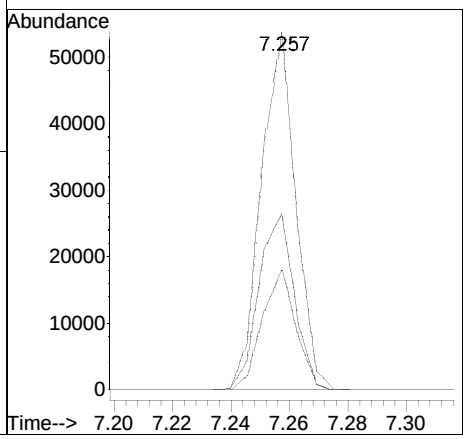


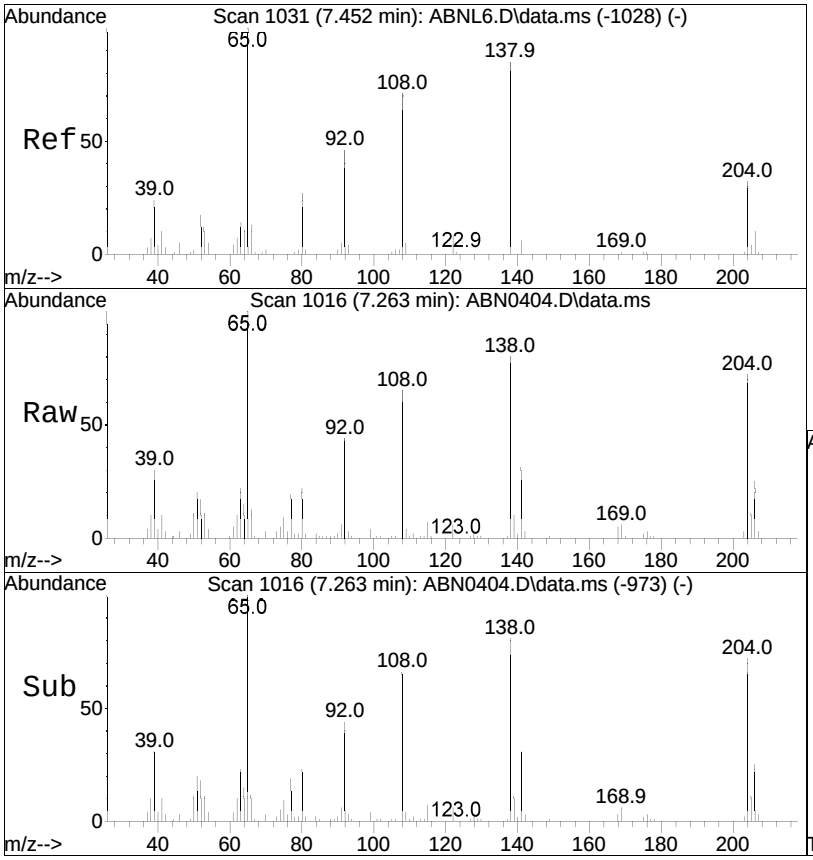


#74
4-Chlorophenyl phenyl ether
Concen: 4.83 ug/ml
RT: 7.257 min Scan# 1015
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:204 Resp: 43592

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	50.8	58.4	87.6#

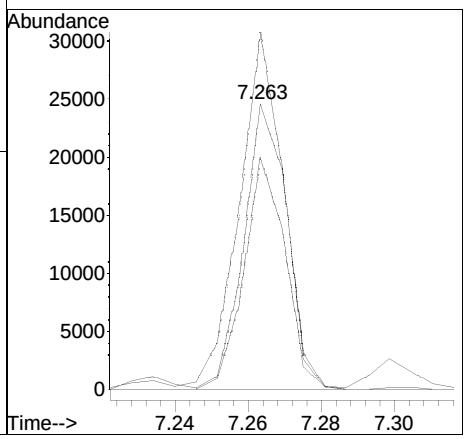


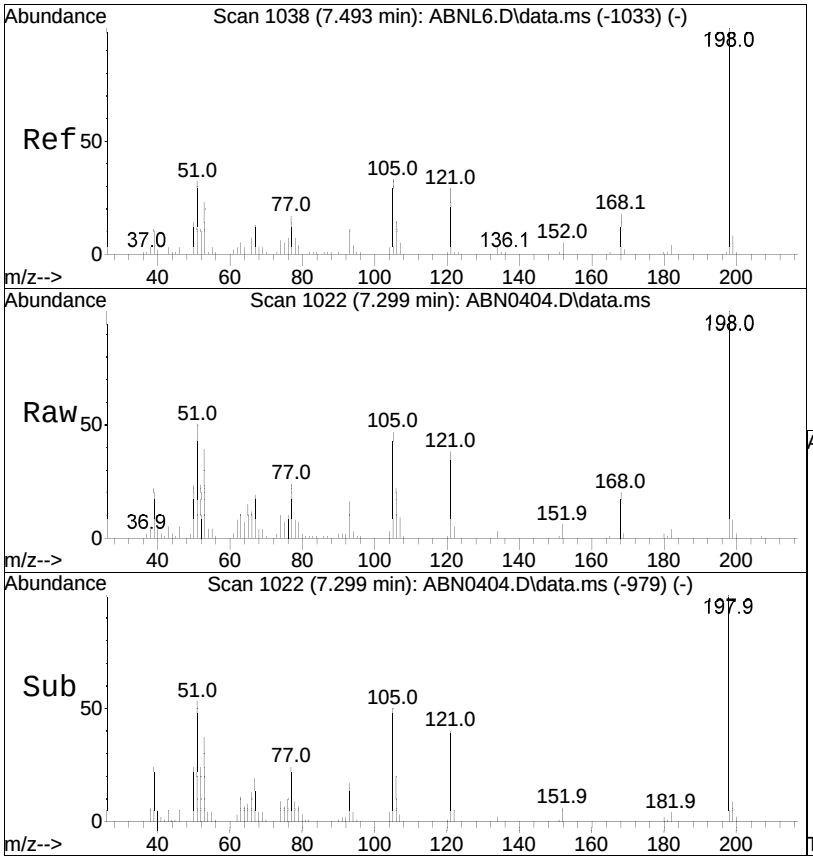


#75
4-Nitroaniline
Concen: 6.05 ug/ml
RT: 7.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:138 Resp: 20132

Ion	Ratio	Lower	Upper
138	100		
108	77.3	59.2	88.8
65	130.1	97.6	146.4

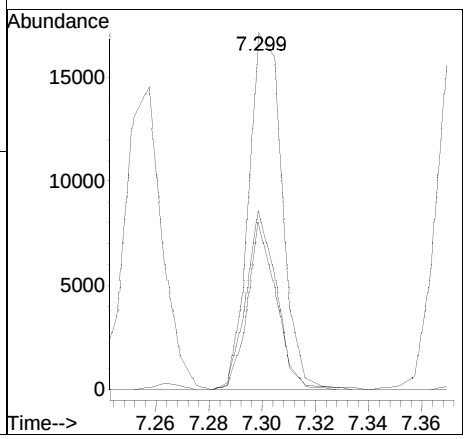


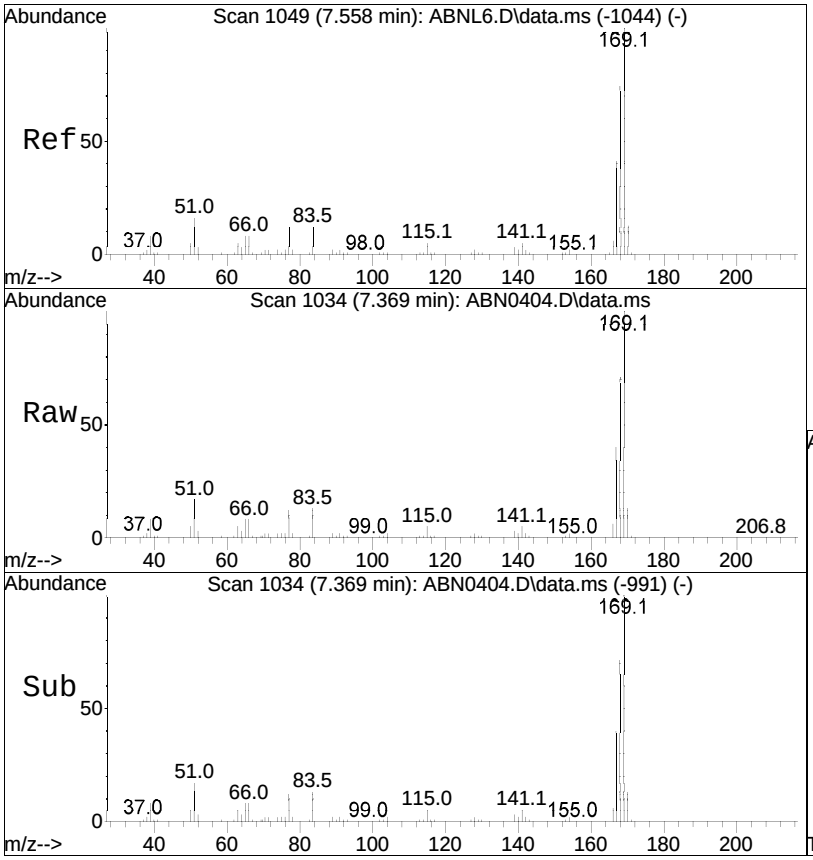


#76
4,6-Dinitro-o-cresol
Concen: 6.78 ug/ml
RT: 7.299 min Scan# 1022
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:198 Resp: 15061

Ion	Ratio	Lower	Upper
198	100		
51	46.4	49.9	74.9#
105	40.3	45.8	68.6#

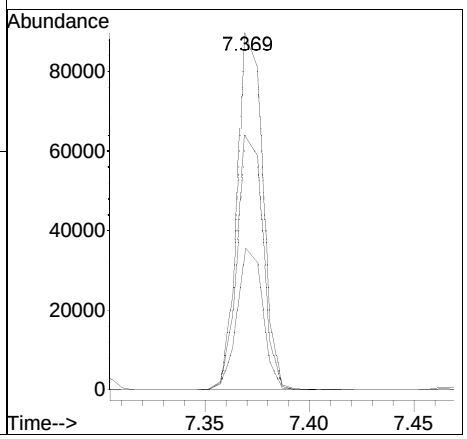


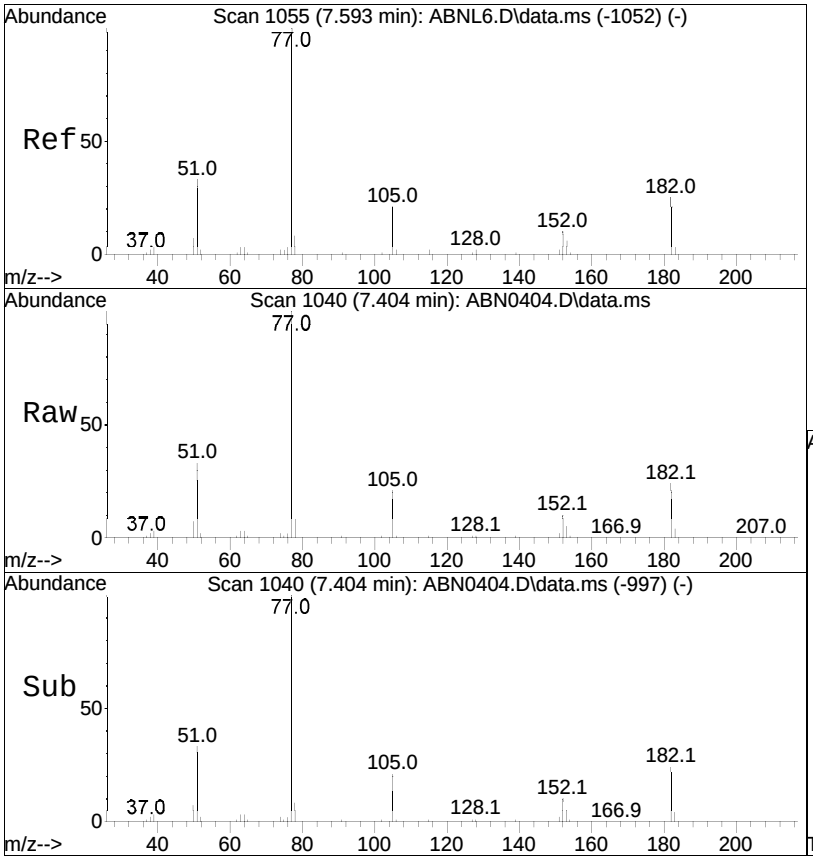


#77
NDPA/DPA
Concen: 5.06 ug/ml
RT: 7.369 min Scan# 1034
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:169 Resp: 76513

Ion	Ratio	Lower	Upper
169	100		
168	72.6	55.2	82.8
167	40.3	30.4	45.6

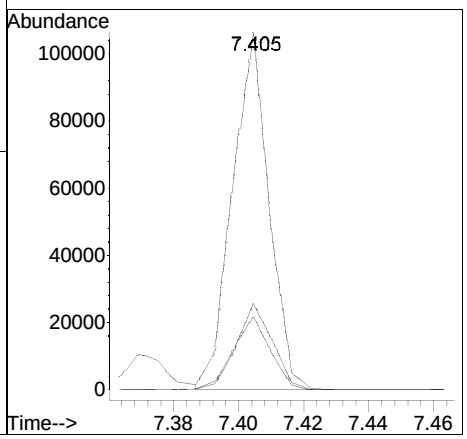


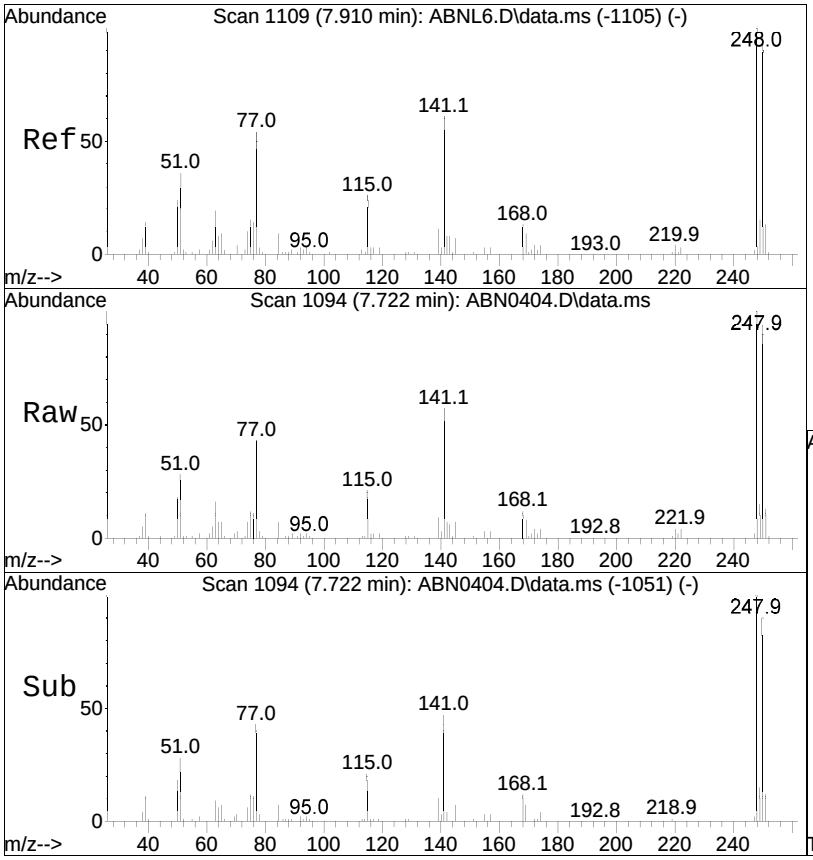


#78
Azobenzene
Concen: 5.18 ug/ml
RT: 7.404 min Scan# 1040
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion: 77 Resp: 81924

Ion	Ratio	Lower	Upper
77	100		
182	24.2	16.2	24.2
105	21.3	17.9	26.9

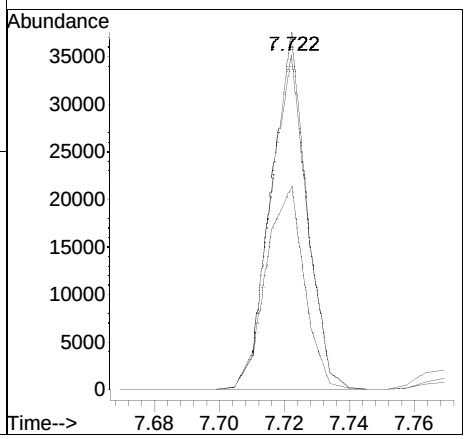


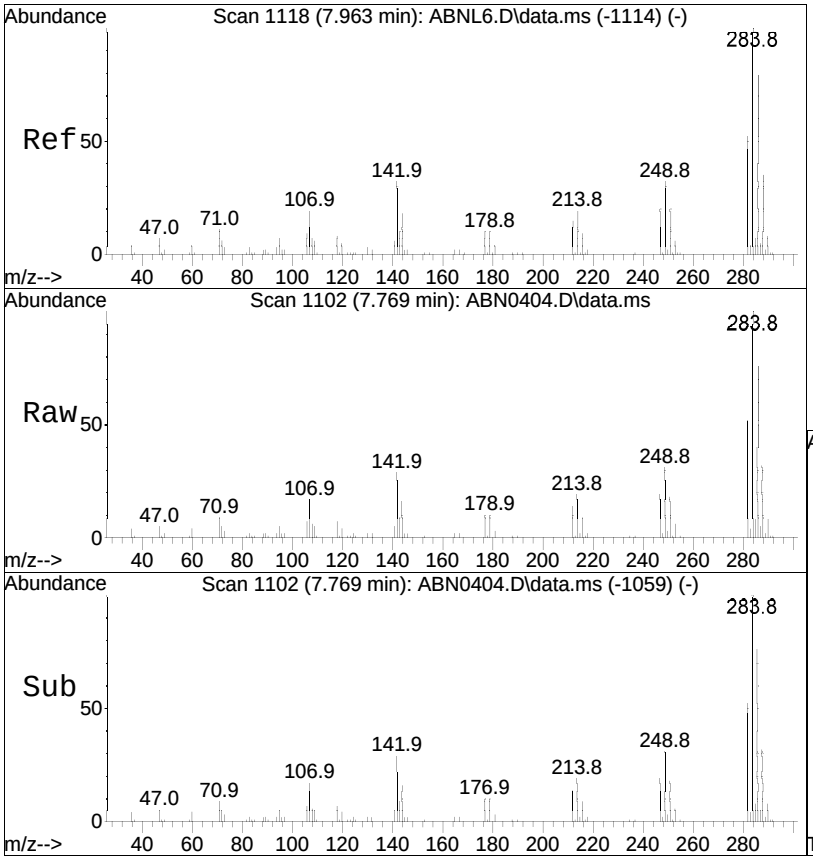


#80
4-Bromophenyl phenyl ether
Concen: 4.64 ug/ml
RT: 7.722 min Scan# 1094
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:248 Resp: 28323

Ion	Ratio	Lower	Upper
248	100		
141	61.6	74.6	111.8#
250	96.9	76.9	115.3

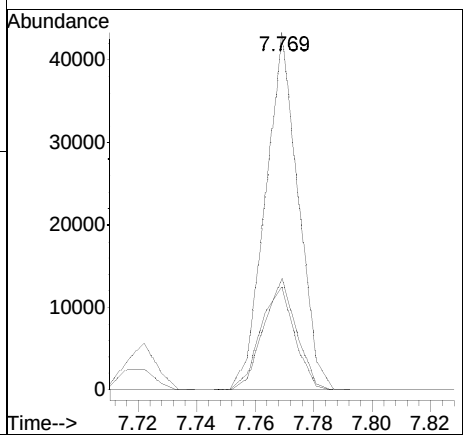


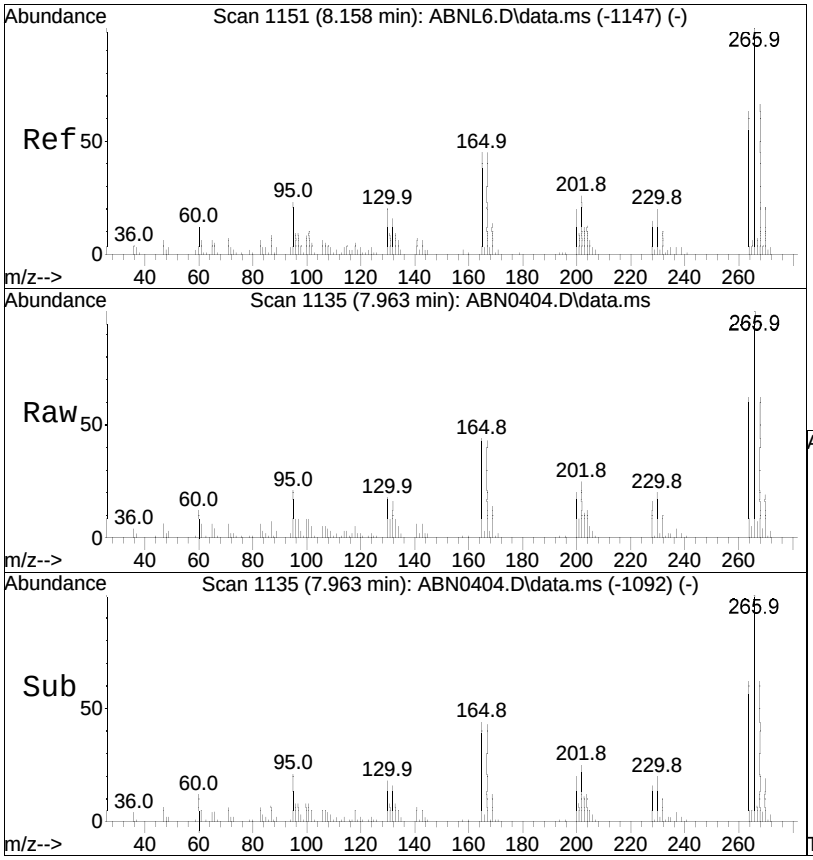


#81
Hexachlorobenzene
Concen: 4.52 ug/ml
RT: 7.769 min Scan# 1102
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:284 Resp: 33674

Ion	Ratio	Lower	Upper
284	100		
142	30.3	37.6	56.4#
249	31.3	25.4	38.2

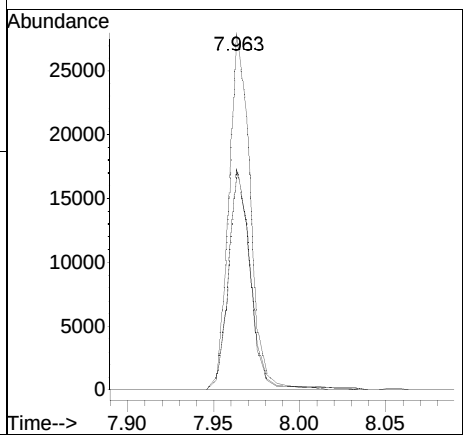


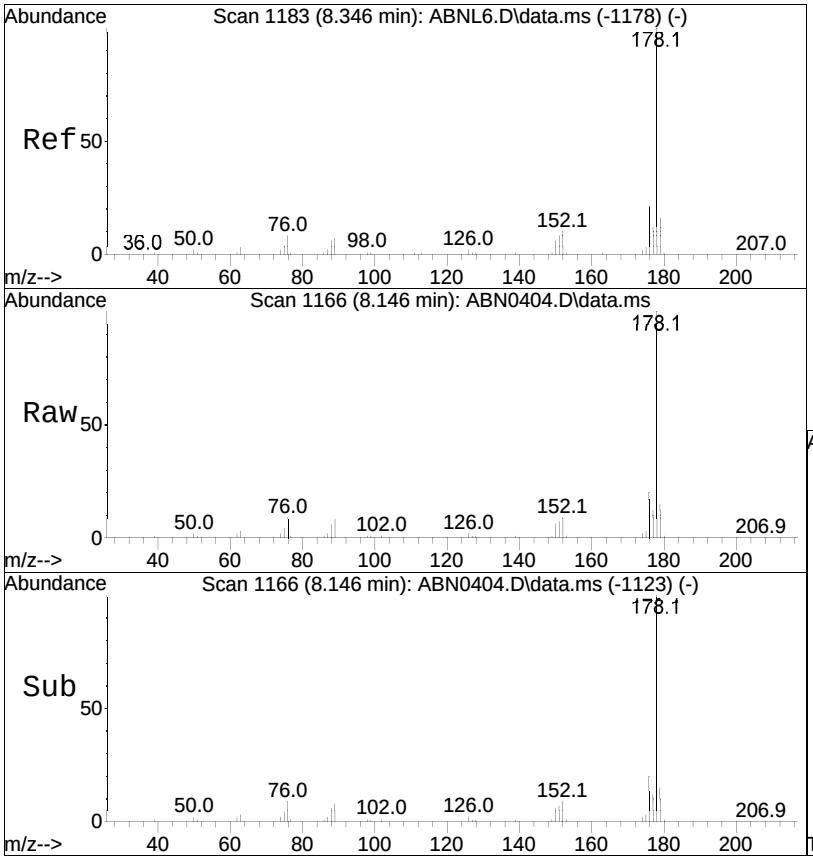


#82
Pentachlorophenol
Concen: 6.16 ug/ml
RT: 7.963 min Scan# 1135
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:266 Resp: 24217

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.7	76.1
268	63.7	52.5	78.7

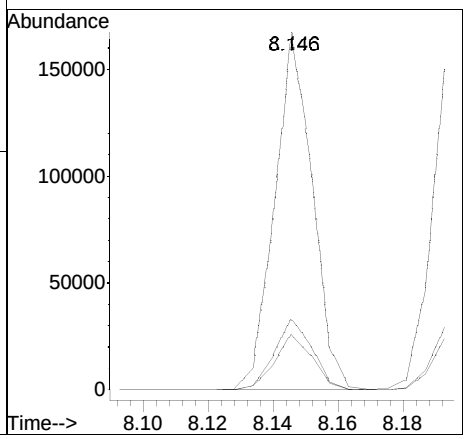


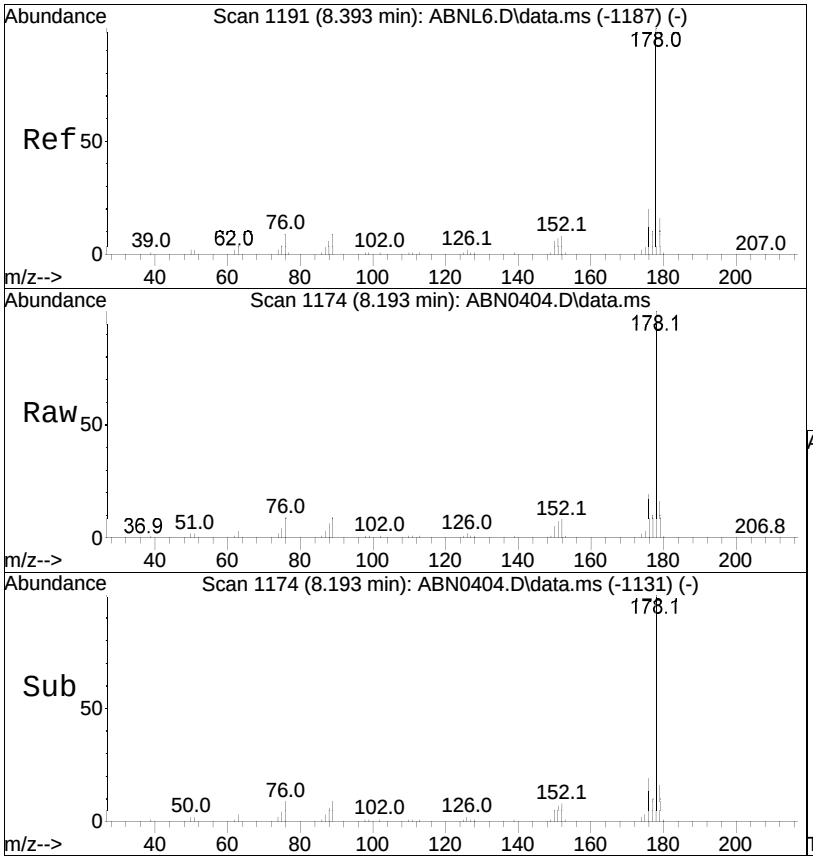


#89
Phenanthrene
Concen: 4.82 ug/ml
RT: 8.146 min Scan# 1166
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:178 Resp: 134458

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.9	15.4	23.2

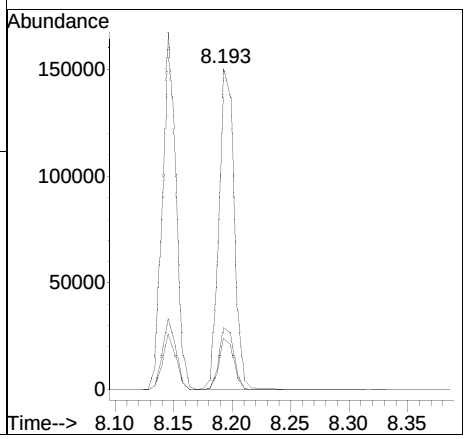


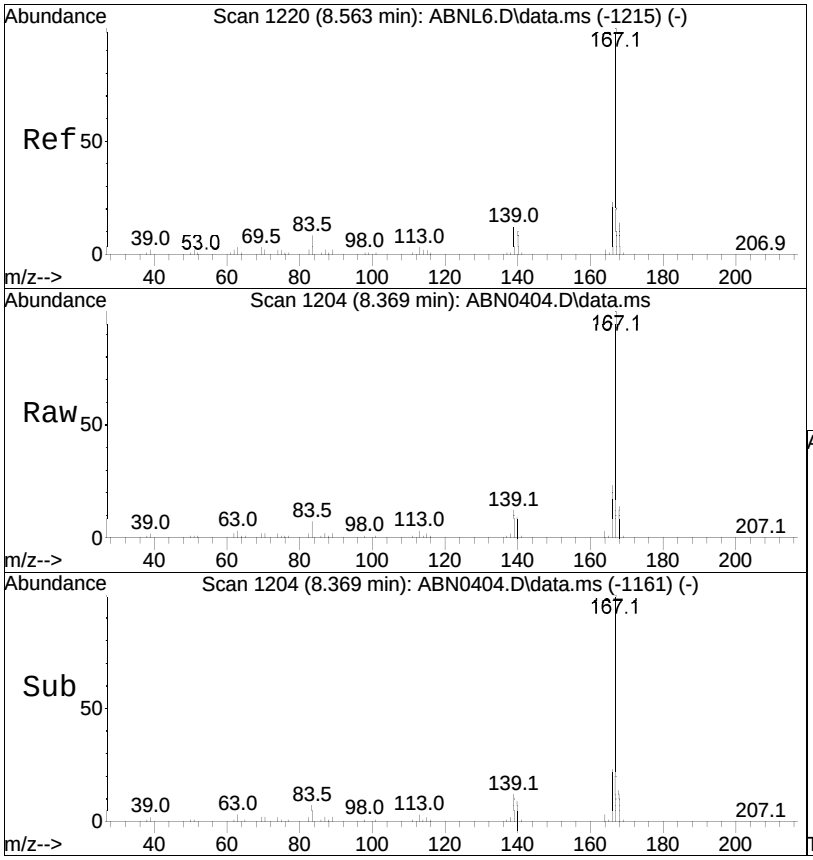


#90
Anthracene
Concen: 4.87 ug/ml
RT: 8.193 min Scan# 1174
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:178 Resp: 137368

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	15.1	22.7

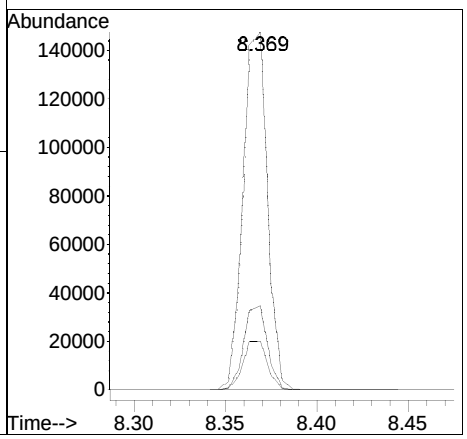


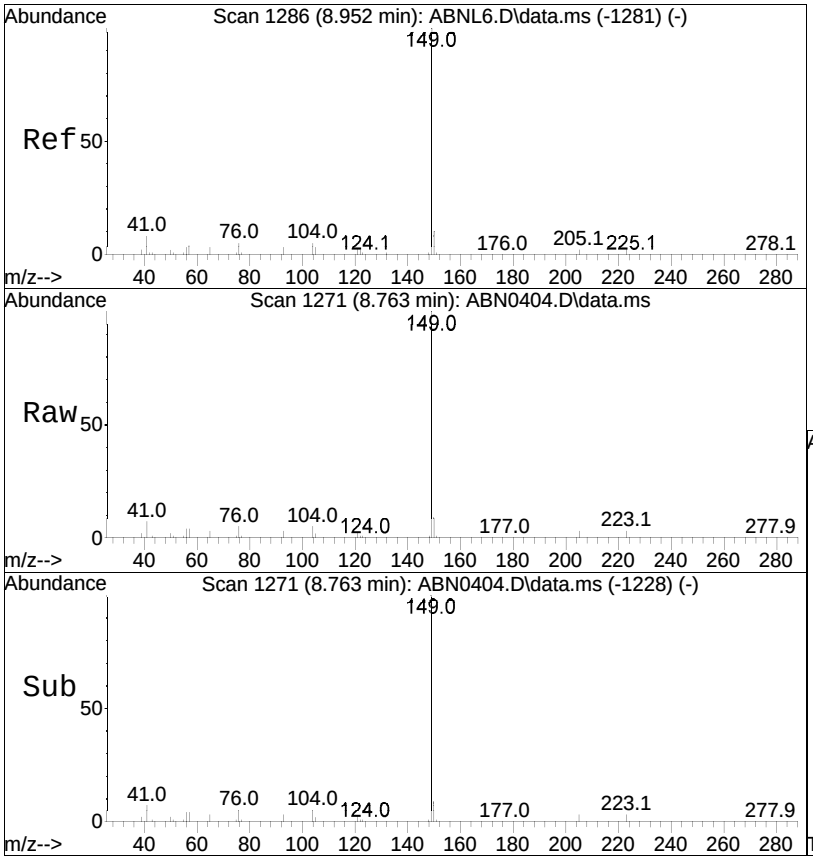


#91
Carbazole
Concen: 5.11 ug/ml
RT: 8.369 min Scan# 1204
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:167 Resp: 135106

Ion	Ratio	Lower	Upper
167	100		
168	13.8	10.8	16.2
166	23.0	17.7	26.5

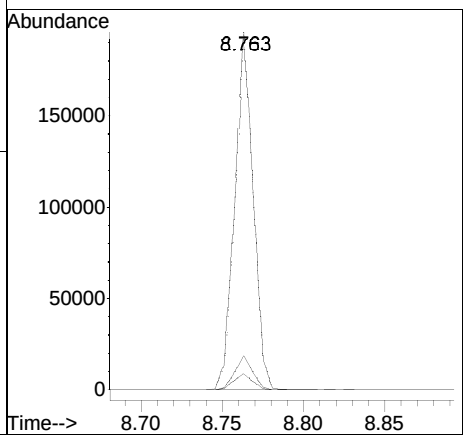


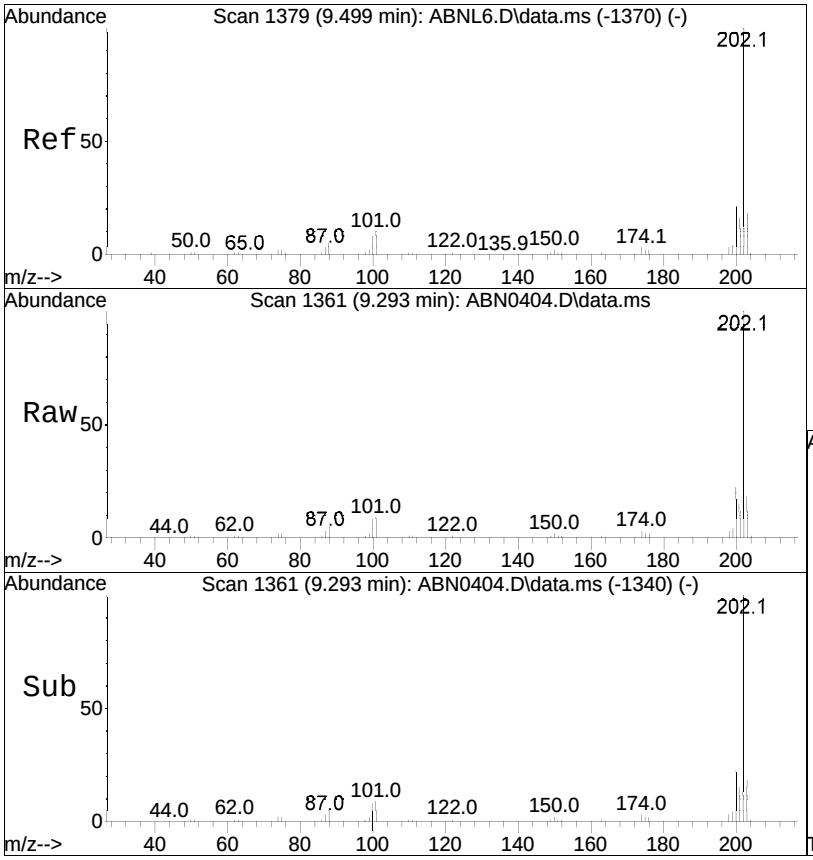


#92
Di-n-butylphthalate
Concen: 5.15 ug/ml
RT: 8.763 min Scan# 1271
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:149 Resp: 150947

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	4.0	6.0

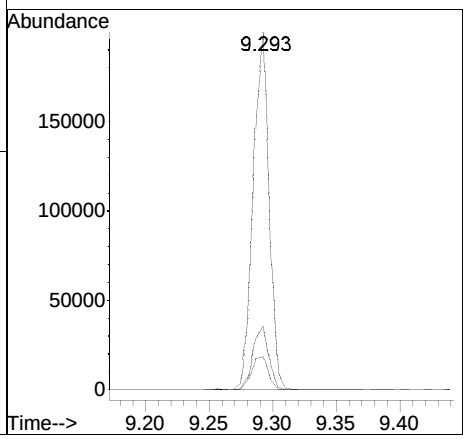


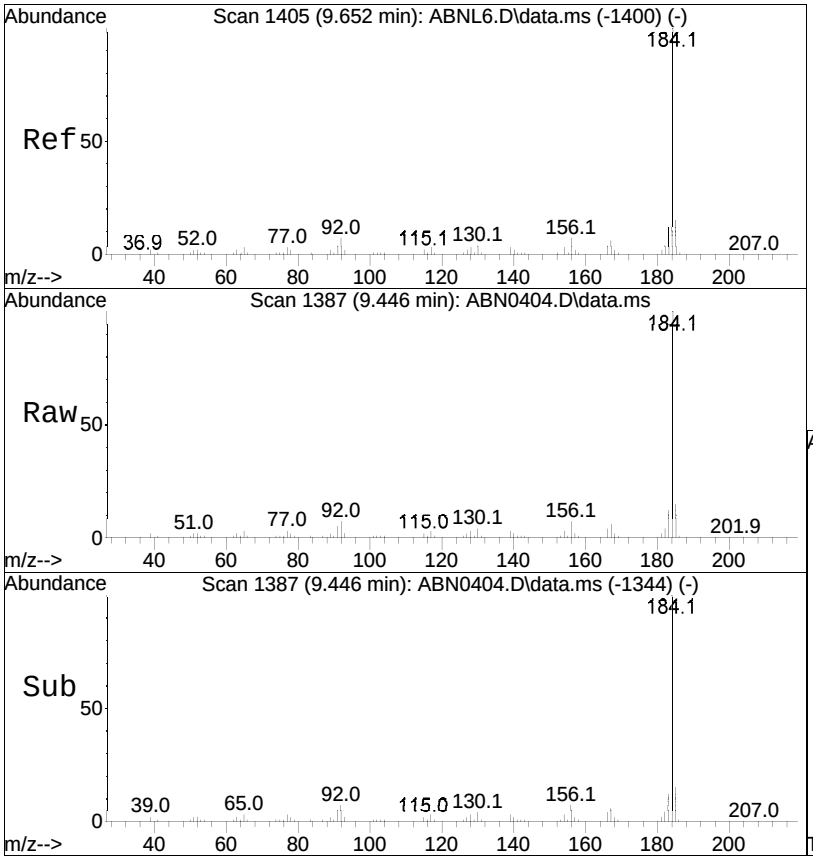


#93
Fluoranthene
Concen: 4.95 ug/ml
RT: 9.293 min Scan# 1361
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:202 Resp: 172174

Ion	Ratio	Lower	Upper
202	100		
101	10.0	11.2	16.8#
203	17.8	13.7	20.5

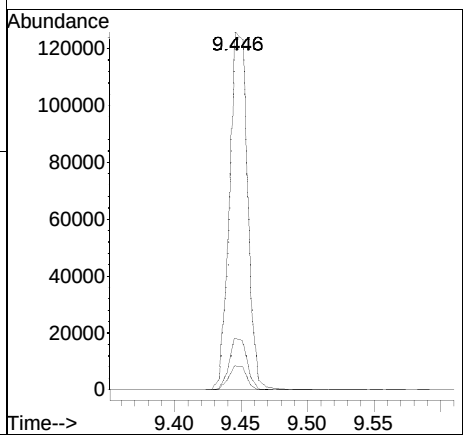


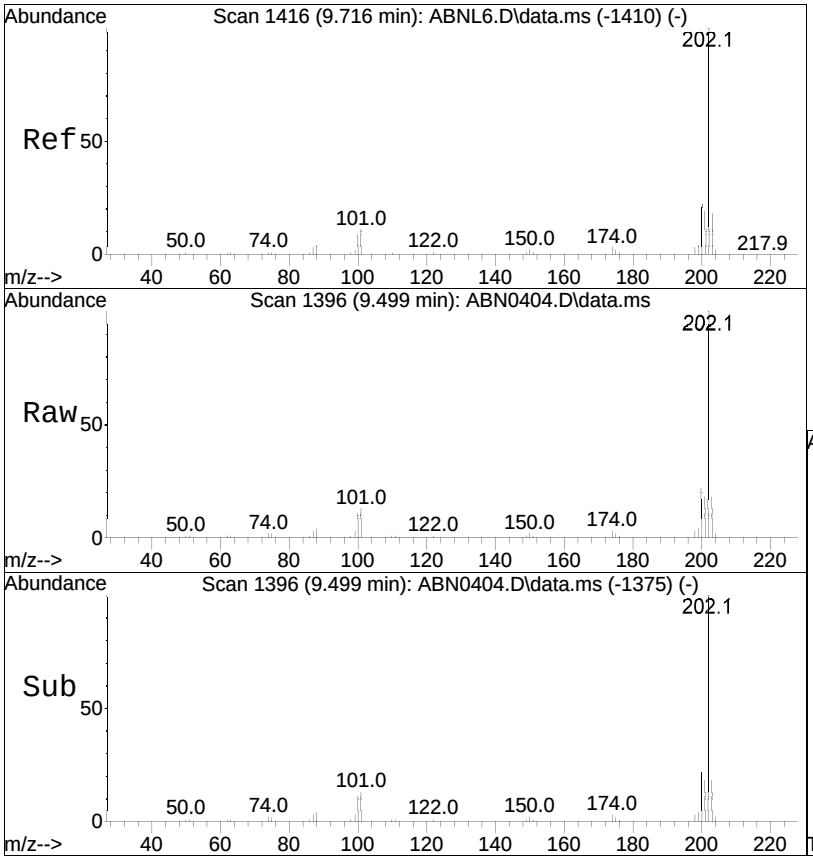


#94
Benzidine
Concen: 5.44 ug/ml
RT: 9.446 min Scan# 1387
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:184 Resp: 117787

Ion	Ratio	Lower	Upper
184	100		
92	6.7	7.3	10.9#
185	14.3	11.8	17.8

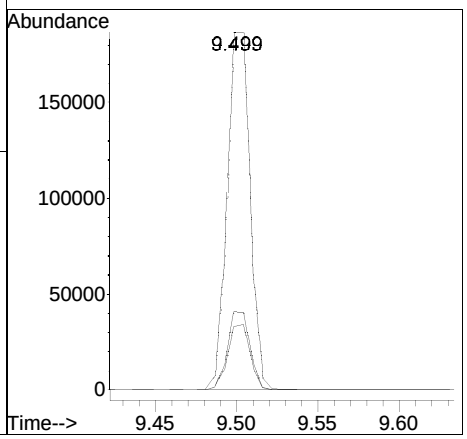


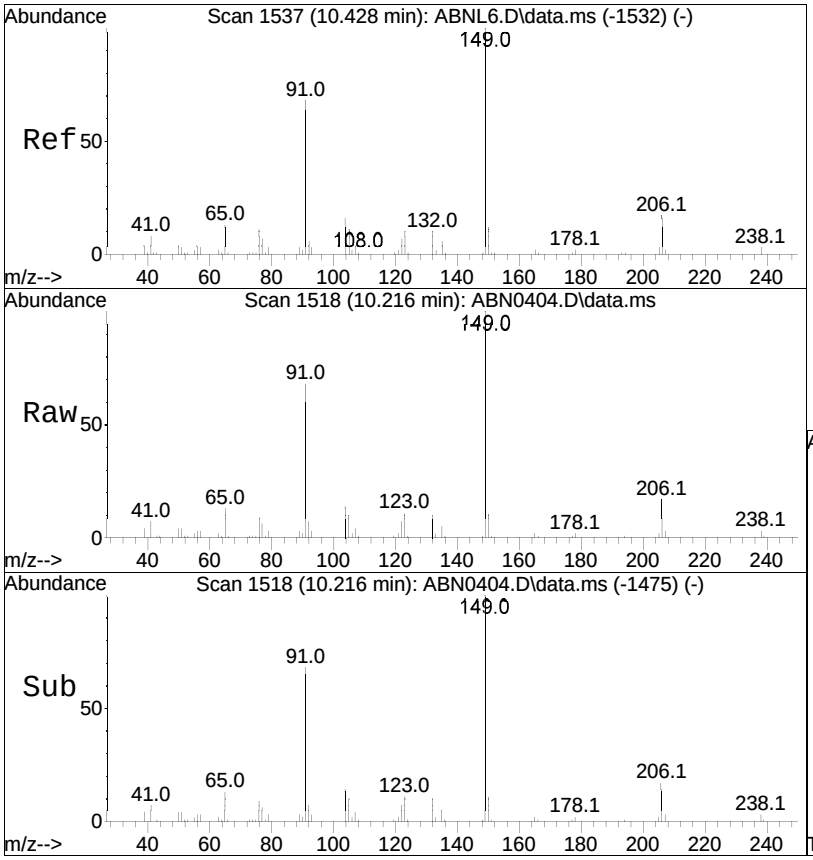


#95
Pyrene
Concen: 4.98 ug/ml
RT: 9.499 min Scan# 1396
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:202 Resp: 181467

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.1	14.3	21.5

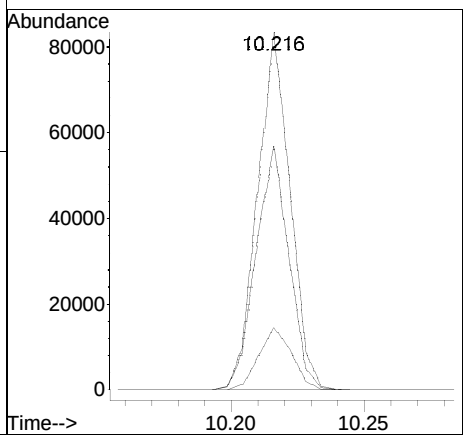


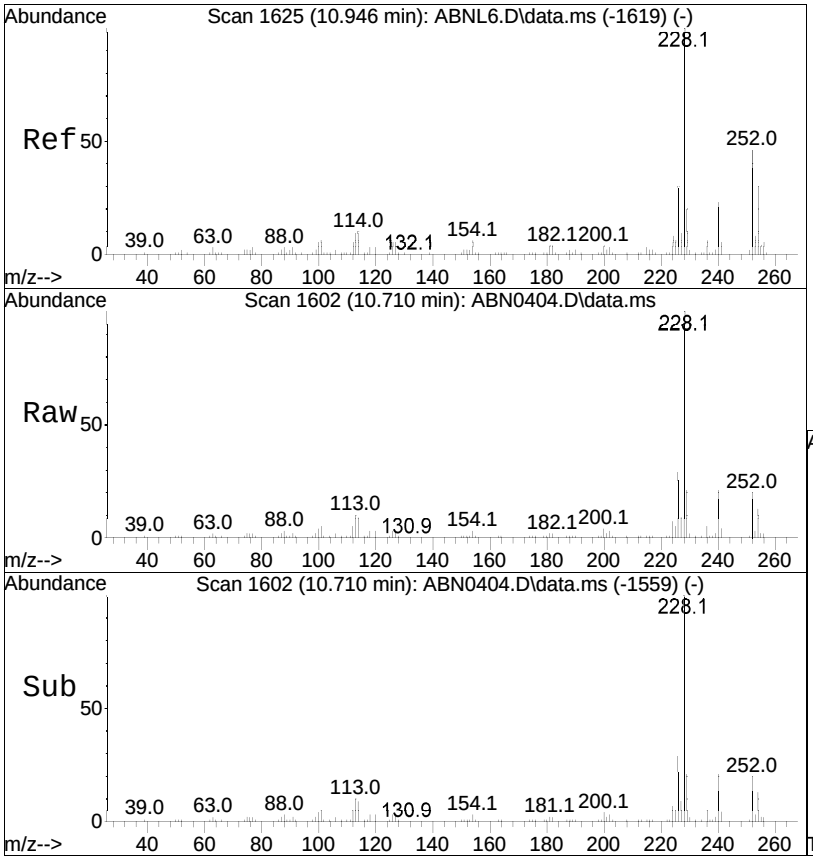


#97
Butyl benzyl phthalate
Concen: 6.01 ug/ml
RT: 10.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:149 Resp: 69996

Ion	Ratio	Lower	Upper
149	100		
91	69.2	57.9	86.9
206	17.7	11.9	17.9

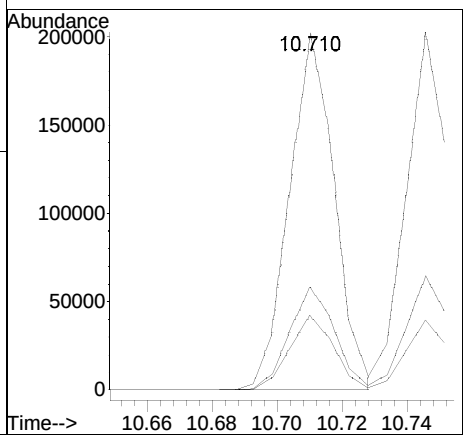


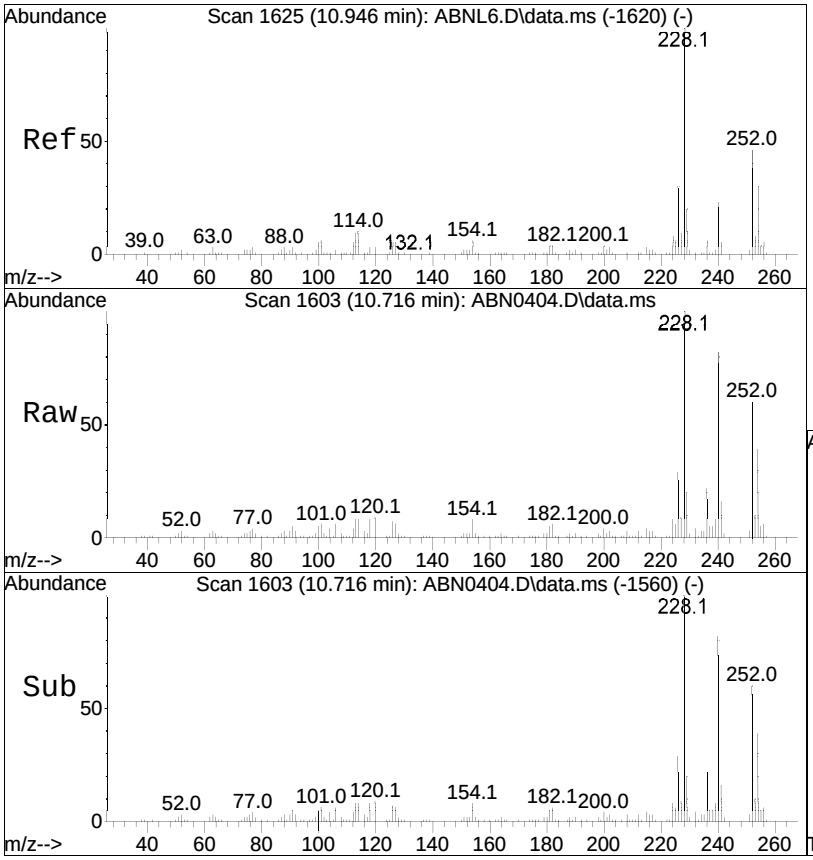


#105
Benzo(a)anthracene
Concen: 4.72 ug/ml
RT: 10.710 min Scan# 1602
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:228 Resp: 194009

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	20.6	15.8	23.6

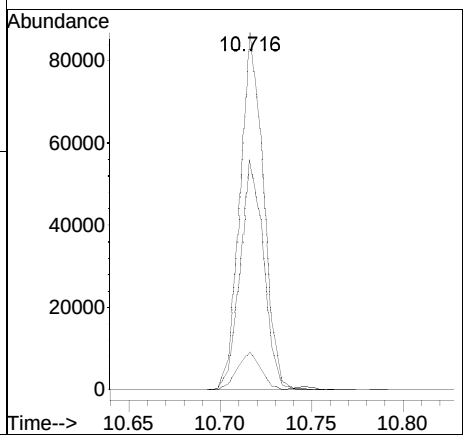


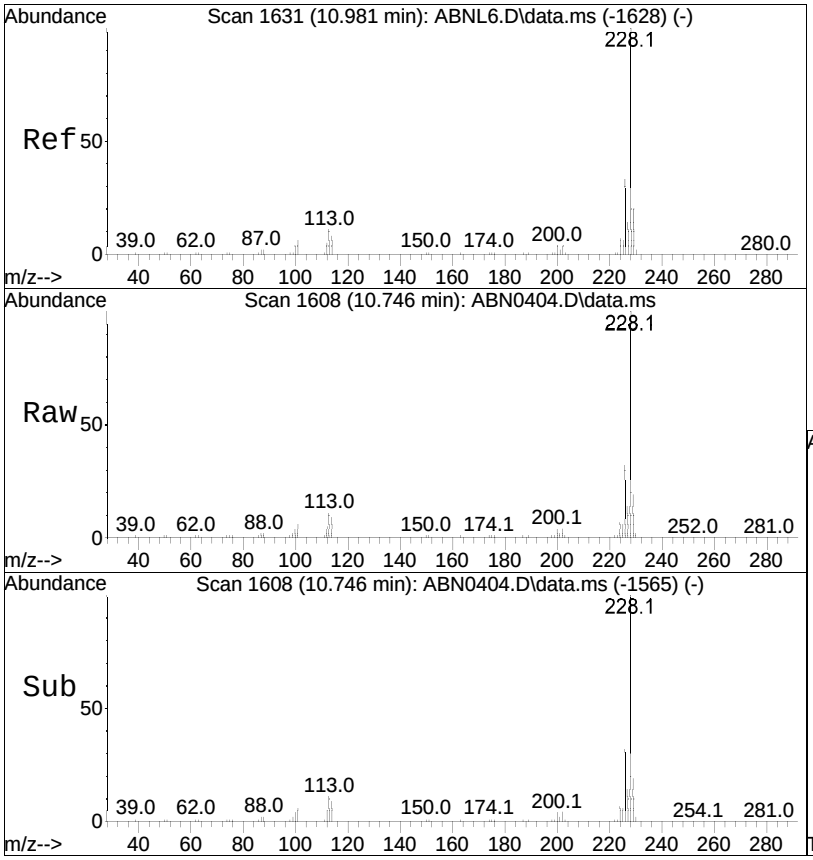


#106
3,3'-Dichlorobenzidine
Concen: 4.82 ug/ml
RT: 10.716 min Scan# 1603
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:252 Resp: 77098

Ion	Ratio	Lower	Upper
252	100		
126	10.7	12.6	19.0#
254	64.3	51.1	76.7

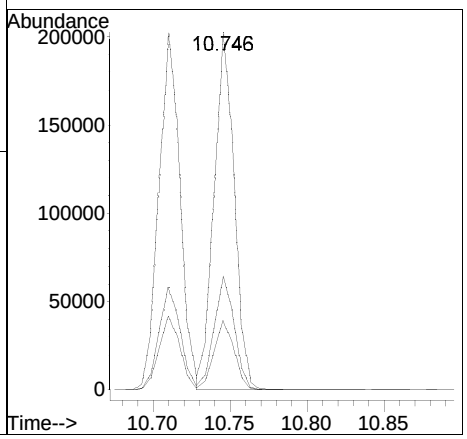


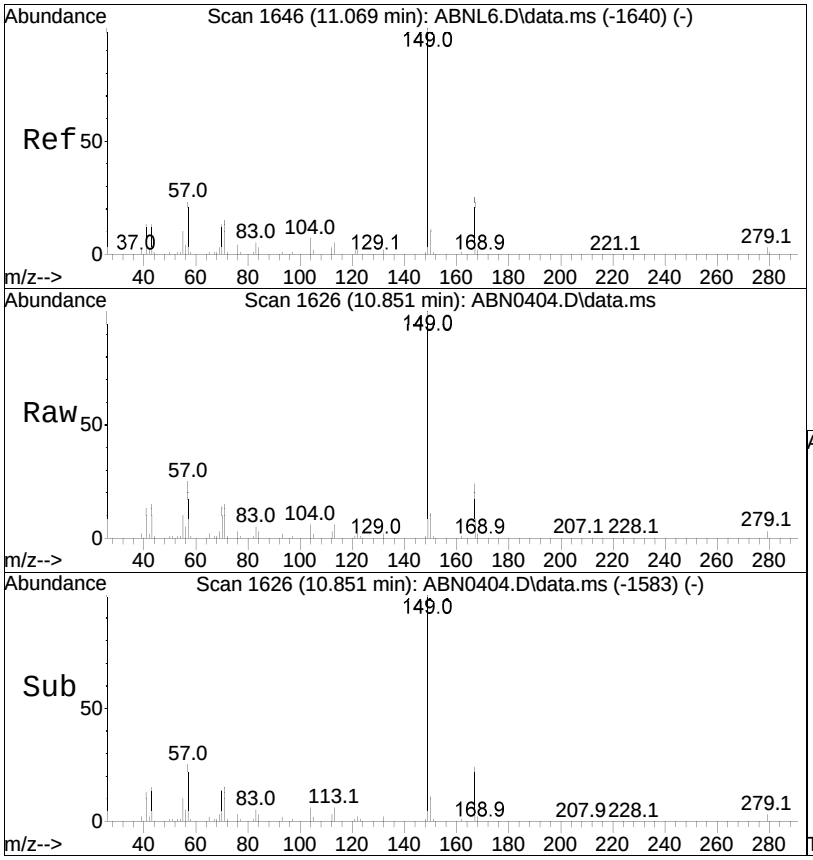


#107
Chrysene
Concen: 4.86 ug/ml
RT: 10.746 min Scan# 1608
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:228 Resp: 185242

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	19.3	15.5	23.3

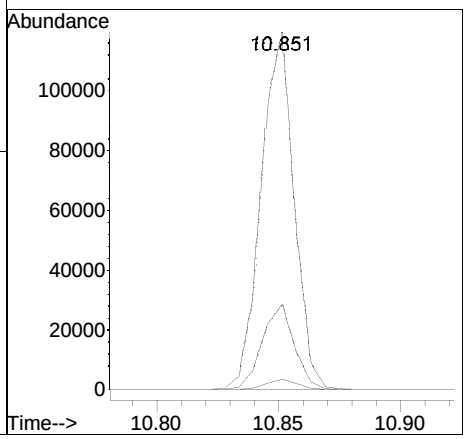


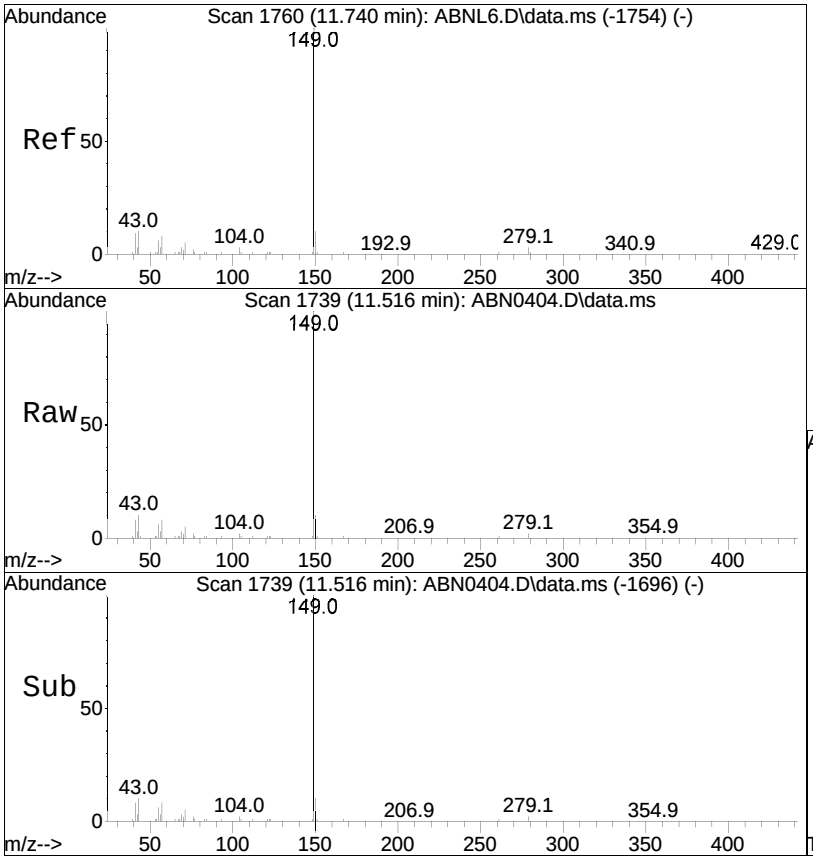


#108
Bis(2-ethylhexyl)phthalate
Concen: 5.61 ug/ml
RT: 10.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:149 Resp: 111098

Ion	Ratio	Lower	Upper
149	100		
167	23.3	18.4	27.6
279	2.5	1.7	2.5

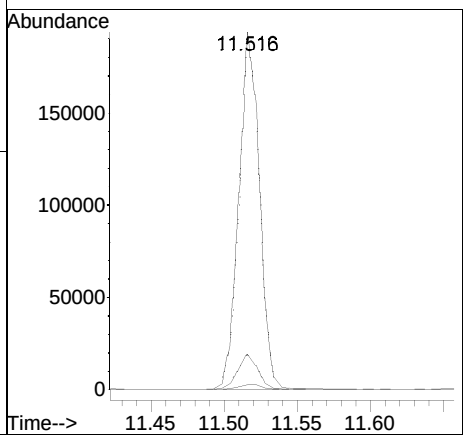


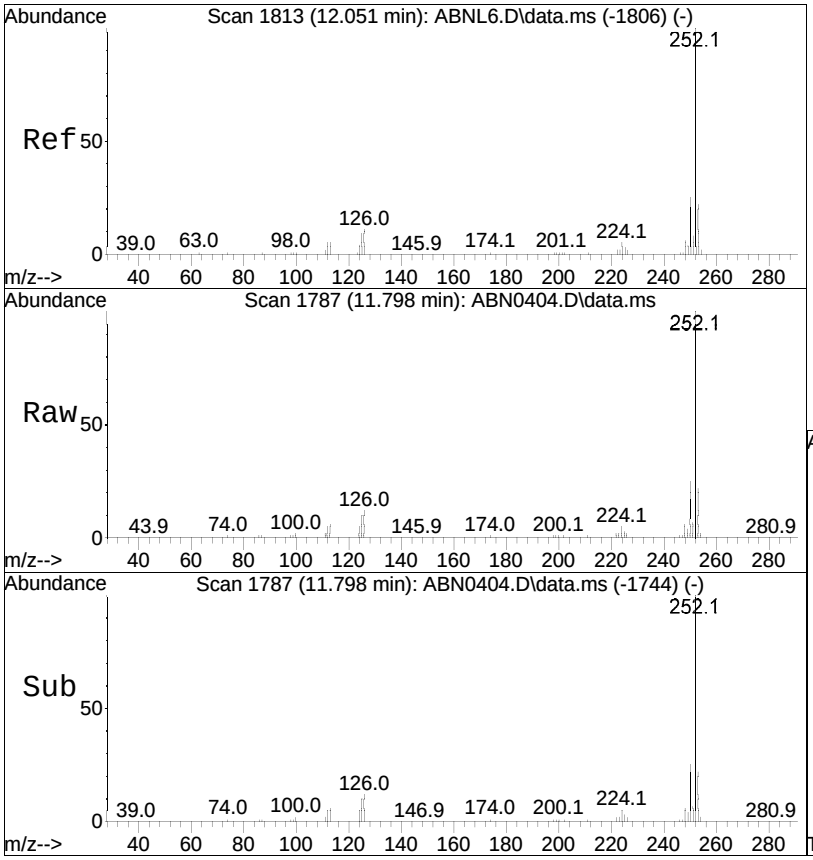


#109
Di-n-octylphthalate
Concen: 5.65 ug/ml
RT: 11.516 min Scan# 1739
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:149 Resp: 186636

Ion	Ratio	Lower	Upper
149	100		
43	9.8	8.2	12.2
167	1.4	1.1	1.7

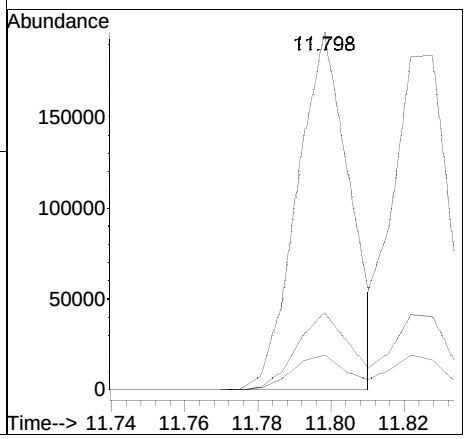


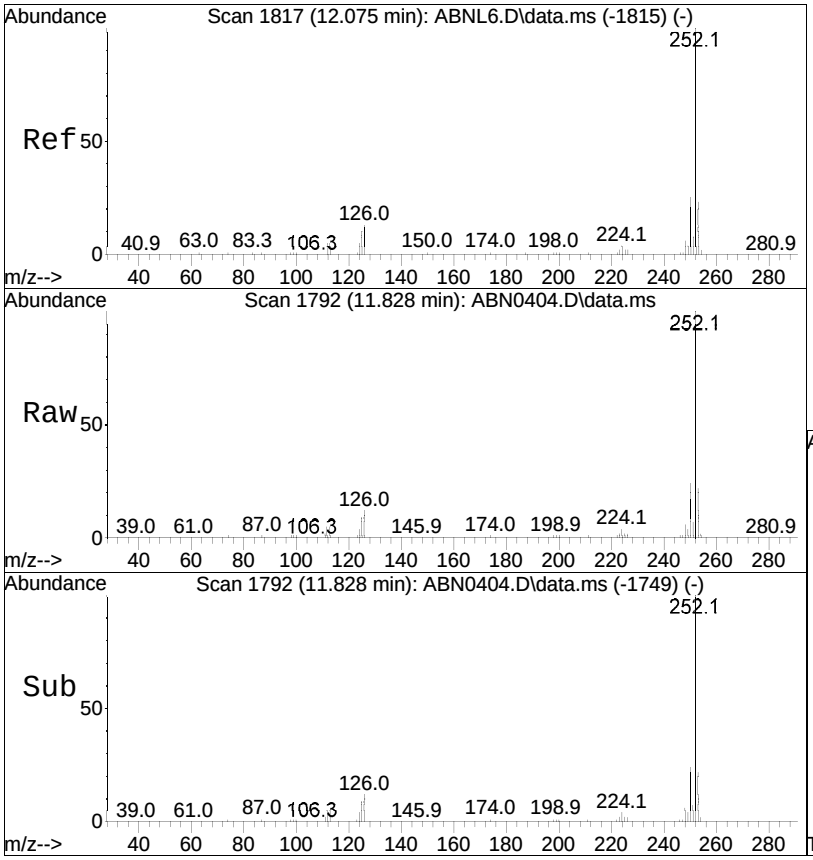


#110
Benzo(b)fluoranthene
Concen: 4.74 ug/ml
RT: 11.798 min Scan# 1787
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:252 Resp: 199877

Ion	Ratio	Lower	Upper
252	100		
125	10.2	11.3	16.9#
253	21.9	17.8	26.8

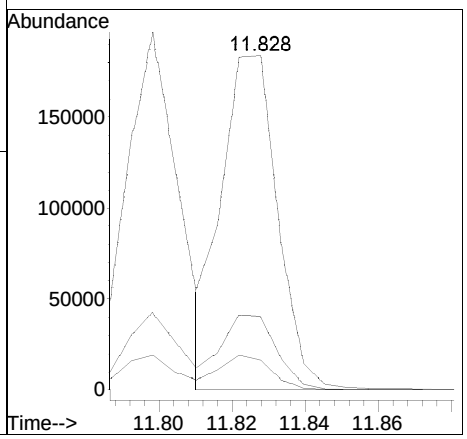


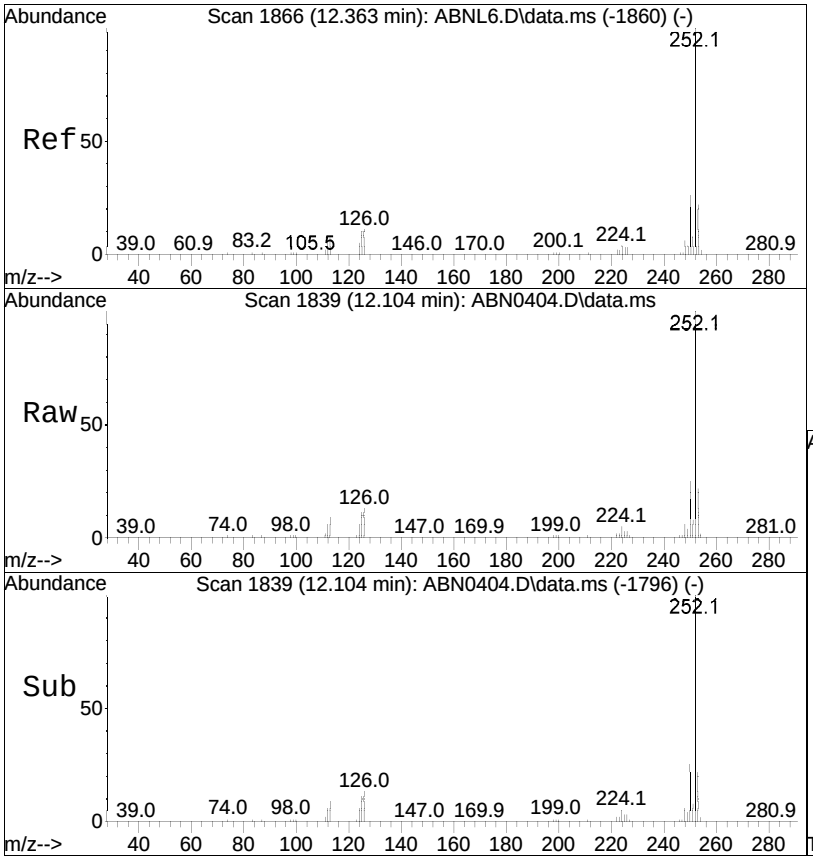


#111
Benzo(k)fluoranthene
Concen: 4.85 ug/ml M3
RT: 11.828 min Scan# 1792
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:252 Resp: 194940

Ion	Ratio	Lower	Upper
252	100		
125	10.5	11.5	17.3#
253	22.4	17.6	26.4

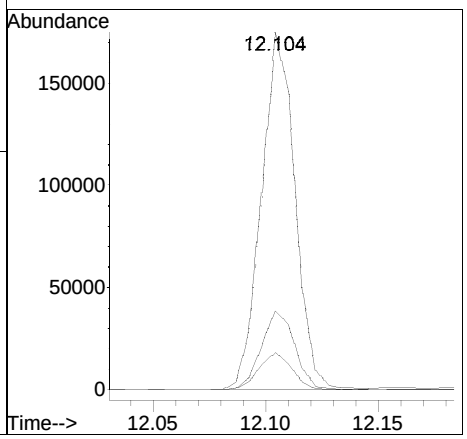


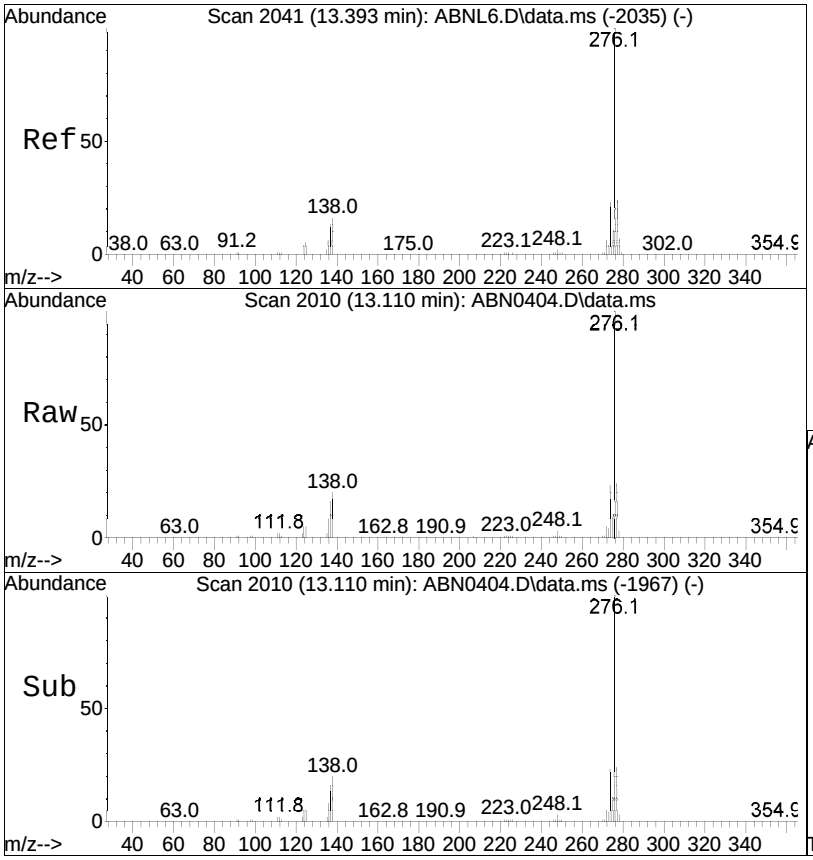


#112
Benzo(a)pyrene
Concen: 4.57 ug/ml
RT: 12.104 min Scan# 1839
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:252 Resp: 180375

Ion	Ratio	Lower	Upper
252	100		
125	10.5	12.6	18.8#
253	22.2	17.5	26.3

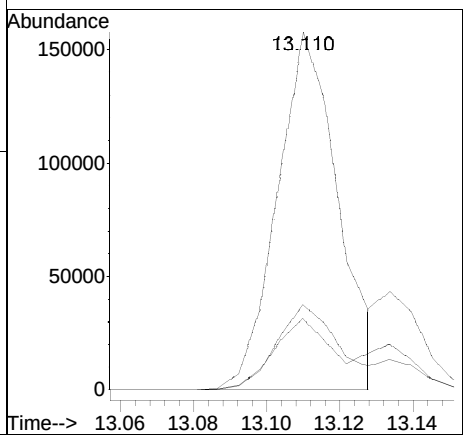


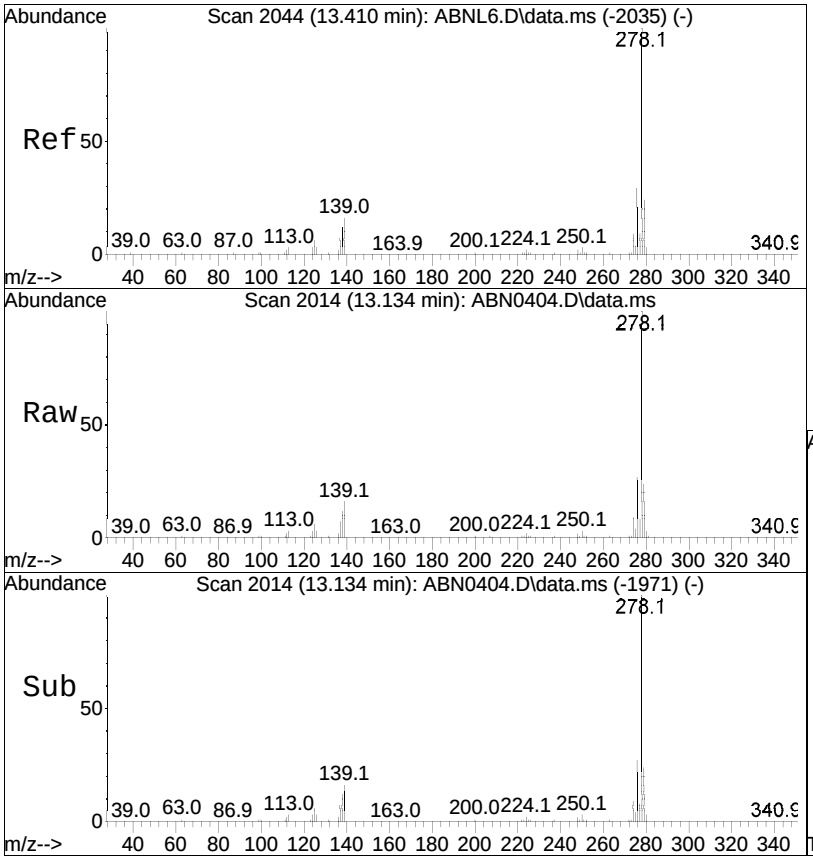


#114
Indeno(1,2,3-cd)pyrene
Concen: 4.38 ug/mL M6
RT: 13.110 min Scan# 2010
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:276 Resp: 183203

Ion	Ratio	Lower	Upper
276	100		
138	19.0	22.1	33.1#
277	30.4	19.0	28.6#

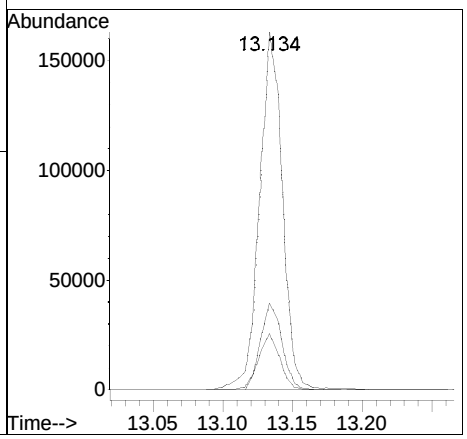


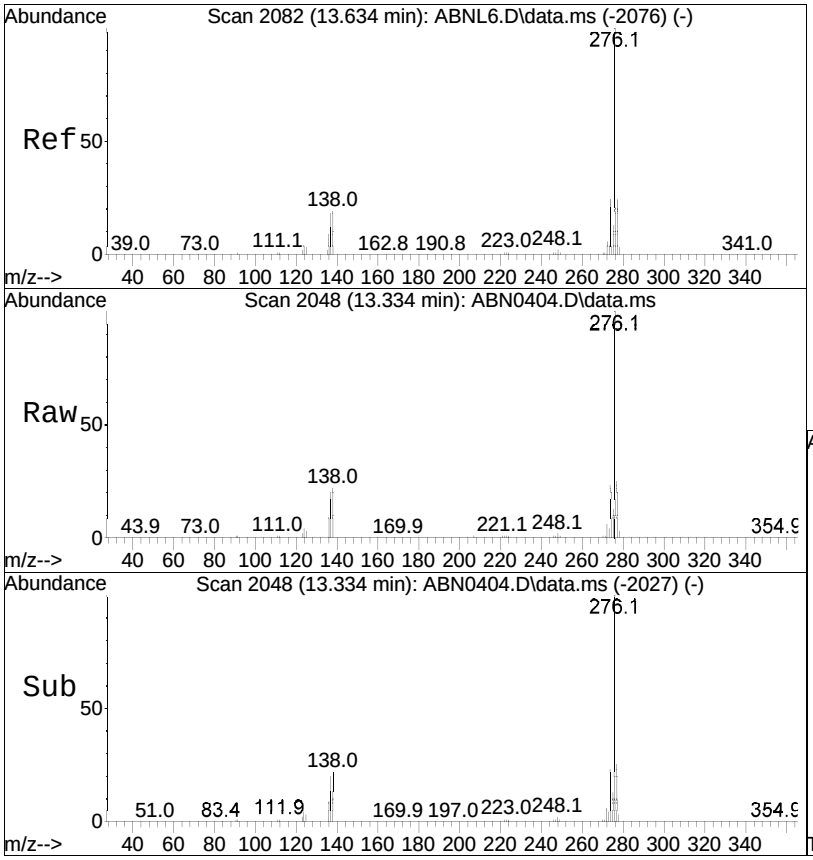


#115
Dibenzo(a,h)anthracene
Concen: 4.76 ug/ml
RT: 13.134 min Scan# 2014
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:278 Resp: 183965

Ion	Ratio	Lower	Upper
278	100		
139	14.6	17.8	26.8#
279	23.6	19.2	28.8

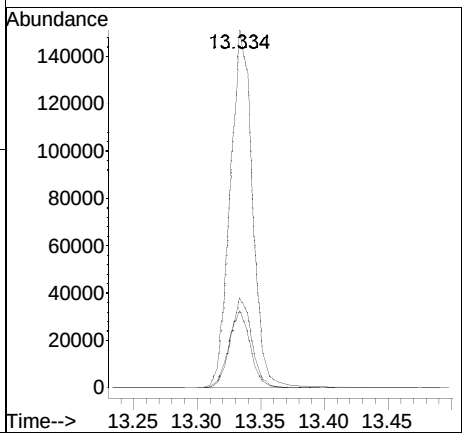




#116
Benzo(ghi)perylene
Concen: 4.75 ug/ml
RT: 13.334 min Scan# 2048
Delta R.T. 0.000 min
Lab File: ABN0404.D
Acq: 04 Apr 2026 08:20 am

Tgt Ion:276 Resp: 182934

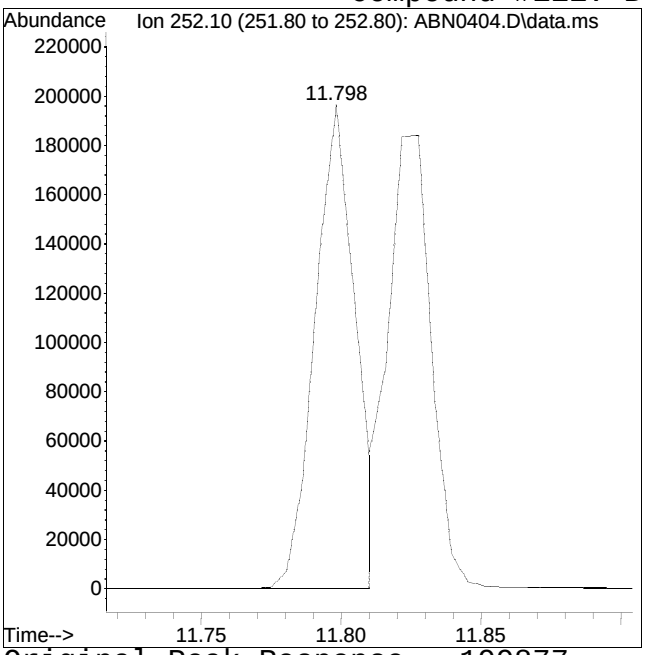
Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.9	32.9#
277	24.0	18.4	27.6

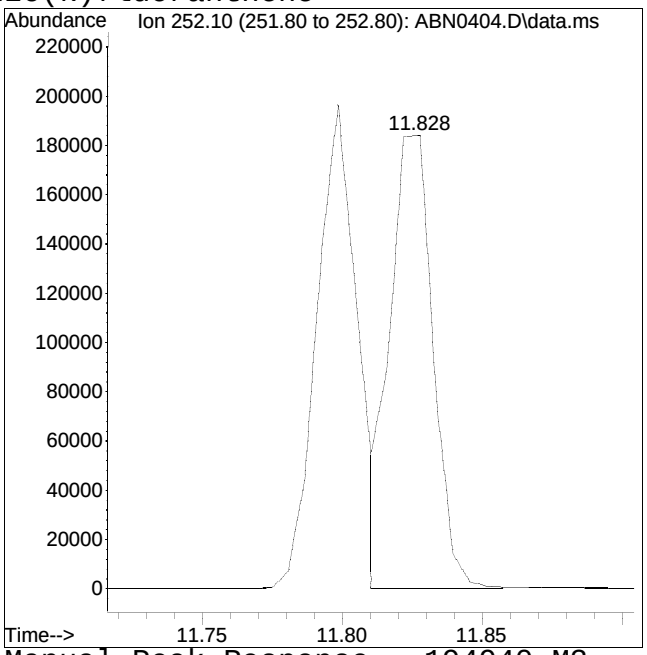


Manual Integration Report

Data Path : I:\8270\SV112\260404RVT\ QMethod : FS260206SV112RVT.m
Data File : ABN0404.D Operator : SV112:jg
Date Inj'd : 4/4/2026 8:20 am Instrument : SV112
Sample : WG2193904-3,32,,ABN 12287 Quant Date : 4/4/2026 10:07 am

Compound #111: Benzo(k)fluoranthene



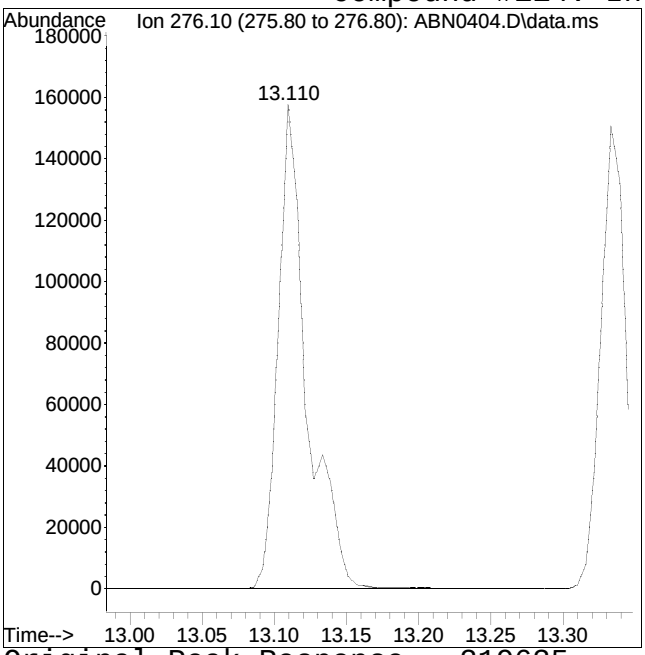


Original Peak Response = 199877 Manual Peak Response = 194940 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

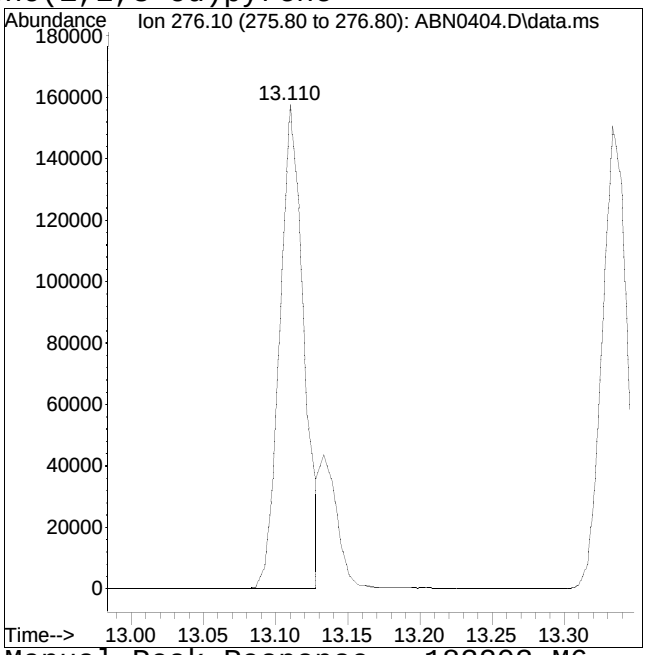
Manual Integration Report

Data Path : I:\8270\SV112\260404RVT\ QMethod : FS260206SV112RVT.m
Data File : ABN0404.D Operator : SV112:jg
Date Inj'd : 4/4/2026 8:20 am Instrument : SV112
Sample : WG2193904-3,32,,ABN 12287 Quant Date : 4/4/2026 10:07 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 219635



Manual Peak Response = 183203 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260404RVT\
Data File : AP90404.D
Acq On : 04 Apr 2026 08:40 am
Operator : SV112:jg
Sample : WG2193904-4,32,,AP9 12162 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Apr 04 10:08:17 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:08:37 2026
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)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
28	T	Benzaldehyde	0.992	1.019	-2.7	104	0.00
29	T	Acetophenone	1.732	1.784	-3.0	101	0.00
30	T	m-Toluidine	1.646	1.722	-4.6	101	0.00
31	T	2-Chloroaniline	1.535	1.552	-1.1	100	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	103	0.00
56	T	a-Terpineol	0.245	0.301	-22.9#	121	0.00
57	T	3-Chloroaniline	0.140	0.154	-10.0	106	0.00
58	T	2,6-Dichlorophenol	0.285	0.318	-11.6	104	0.00
59	T	1-chloro-2-nitrobenzene	0.116	0.148	-27.6#	129	0.00
60	T	Caprolactam	0.155	0.165	-6.5	111	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.423	0.452	-6.9	105	0.00
62	T	Biphenyl	0.911	0.931	-2.2	100	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	96	0.00
84	T	Dichloran	0.159	0.211	-32.7#	130	0.00
85	T	Pentachloronitrobenzene	0.179	0.228	-27.4#	118	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	96	0.00
99	T	Diphenamid	0.473	0.492	-4.0	91	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : AP90404.D
Acq On : 04 Apr 2026 08:40 am
Operator : SV112:jg
Sample : WG2193904-4,32,,AP9 12162 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Apr 04 10:08:17 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:08:37 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	3.828	152	20934	4.000	ug/ml		0.00
55) IS2_Naphthalene-d8	5.022	136	78037	4.000	ug/ml		0.00
83) IS2_Acenaphthene-d10	6.705	164	48003	4.000	ug/ml		0.00
98) IS2_Phenanthrene-d10	8.122	188	113768	4.000	ug/ml	#	0.00
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.422	105	26667	5.134	ug/ml		98
29) Acetophenone	4.211	105	46670	5.148	ug/ml		98
30) m-Toluidine	4.287	106	45067	5.232	ug/ml		99
31) 2-Chloroaniline	4.640	127	40624	5.056	ug/ml		99
56) a-Terpineol	5.081	59	29322	6.123	ug/ml		98
57) 3-Chloroaniline	5.093	65	15028	5.490	ug/ml		91
58) 2,6-Dichlorophenol	5.122	162	31036	5.587	ug/ml		92
59) 1-chloro-2-nitrobenzene	5.369	111	14481	6.415	ug/ml		94
60) Caprolactam	5.405	55	16098	5.327	ug/ml		98
61) 1,2,4,5-Tetrachloroben...	5.881	216	44117	5.344	ug/ml	#	95
62) Biphenyl	6.169	154	90792	5.111	ug/ml		98
84) Dichloran	7.828	206	12667	6.627	ug/ml	#	66
85) Pentachloronitrobenzene	7.981	237	13692	6.363	ug/ml	#	81
99) Diphenamid	9.034	167	69977	5.199	ug/ml		87

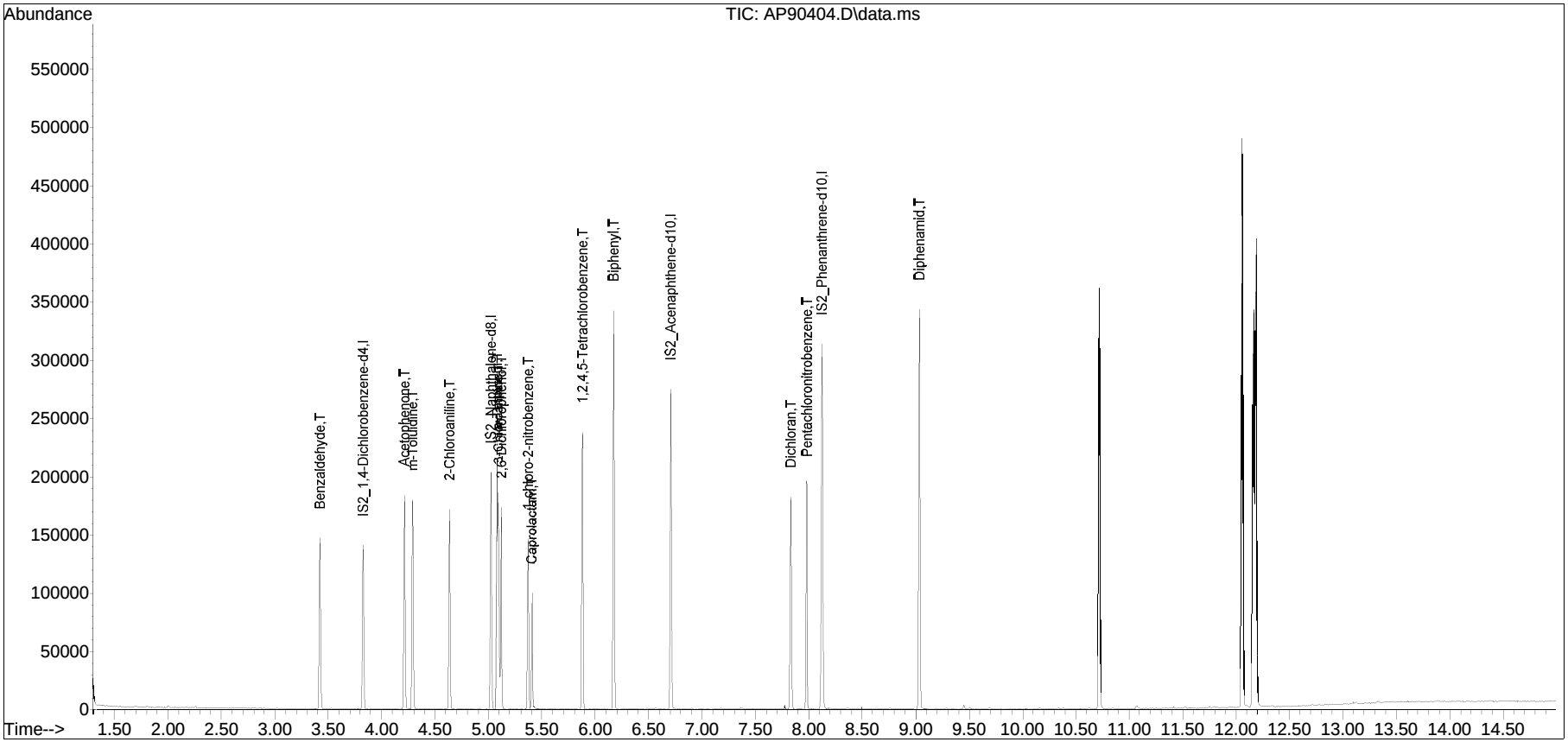
(#) = qualifier out of range (m) = manual integration (+) = signals summed

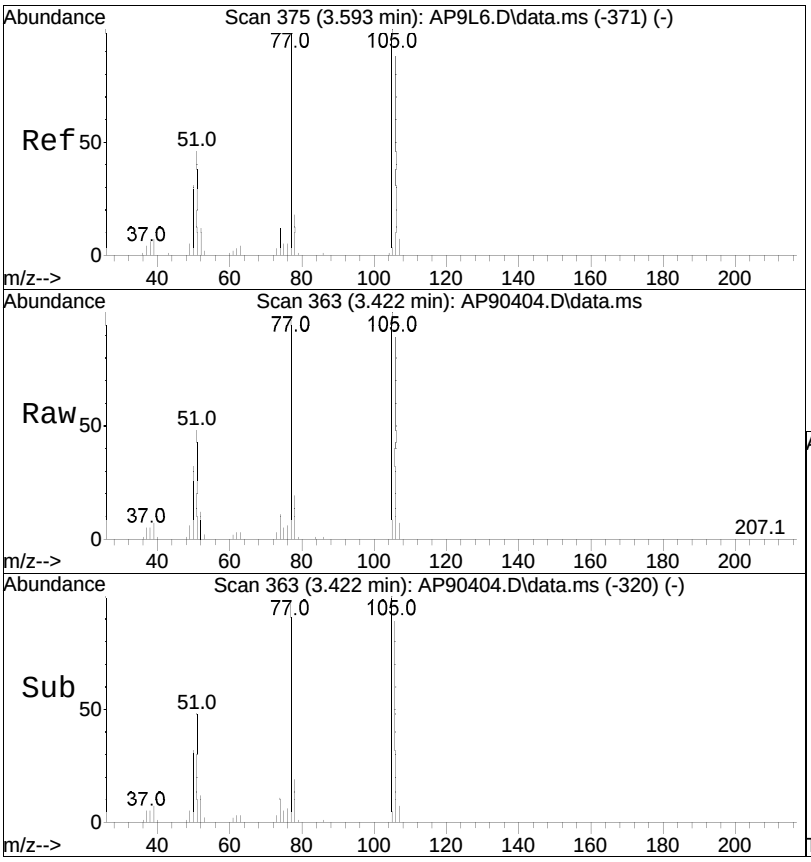
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : AP90404.D
Acq On : 04 Apr 2026 08:40 am
Operator : SV112:jg
Sample : WG2193904-4,32,,AP9 12162 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Apr 04 10:08:17 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:08:37 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

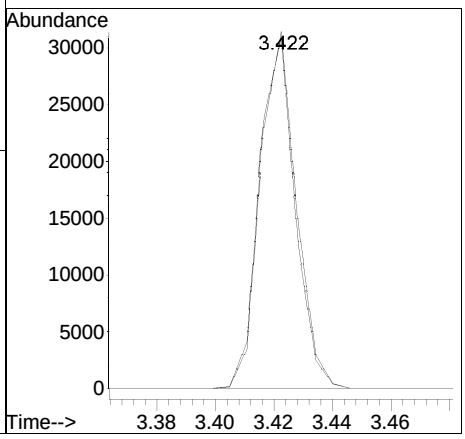


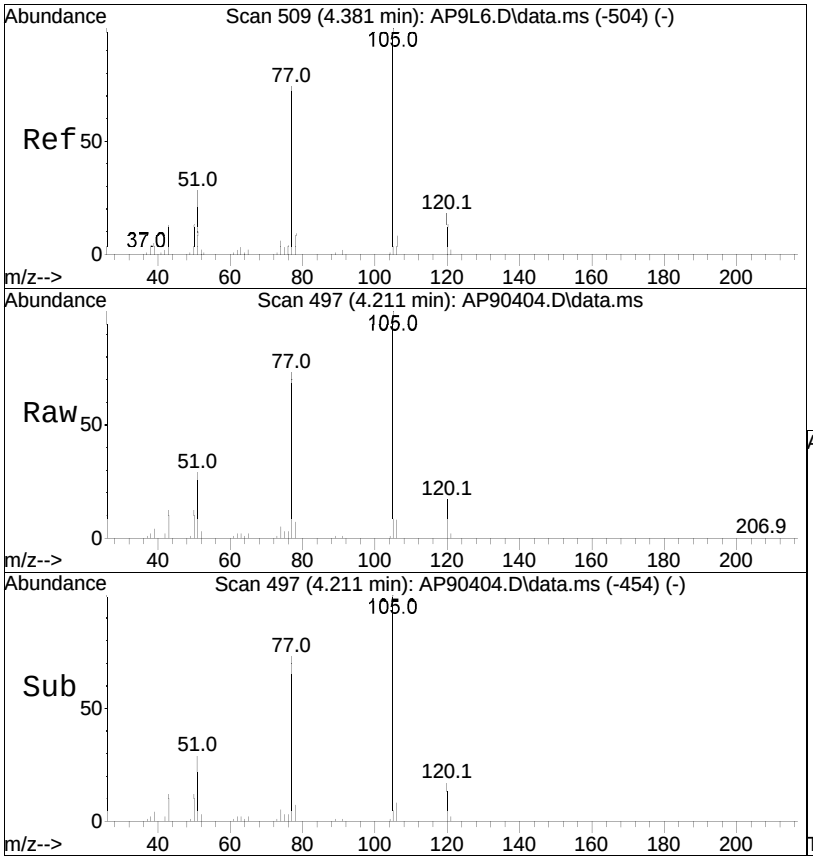


#28
Benzaldehyde
Concen: 5.13 ug/ml
RT: 3.422 min Scan# 363
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:105 Resp: 26667

Ion	Ratio	Lower	Upper
105	100		
77	98.3	77.0	115.6

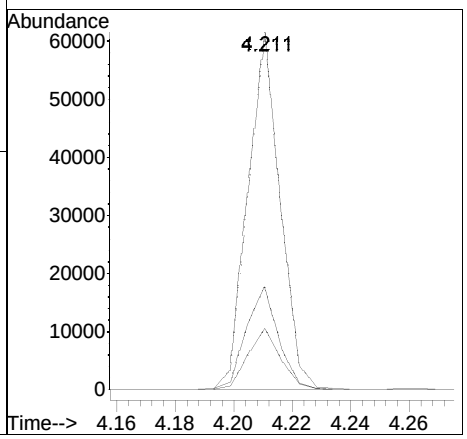


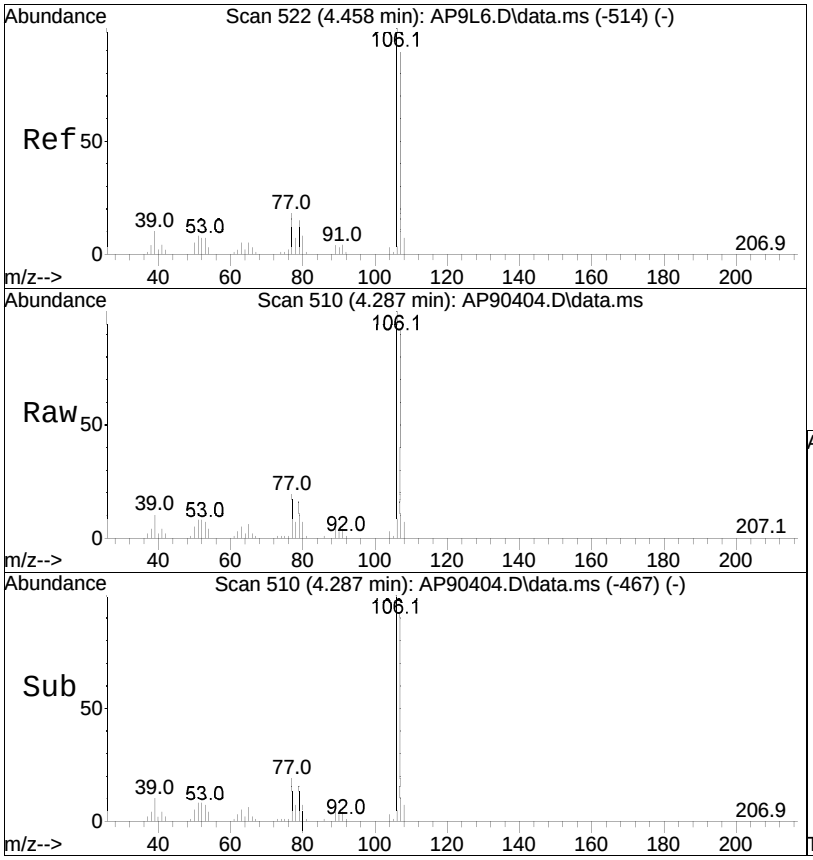


#29
Acetophenone
Concen: 5.15 ug/ml
RT: 4.211 min Scan# 497
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:105 Resp: 46670

Ion	Ratio	Lower	Upper
105	100		
120	17.5	15.2	22.8
51	29.1	23.1	34.7

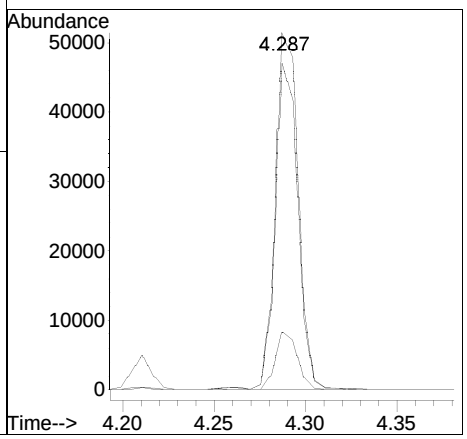


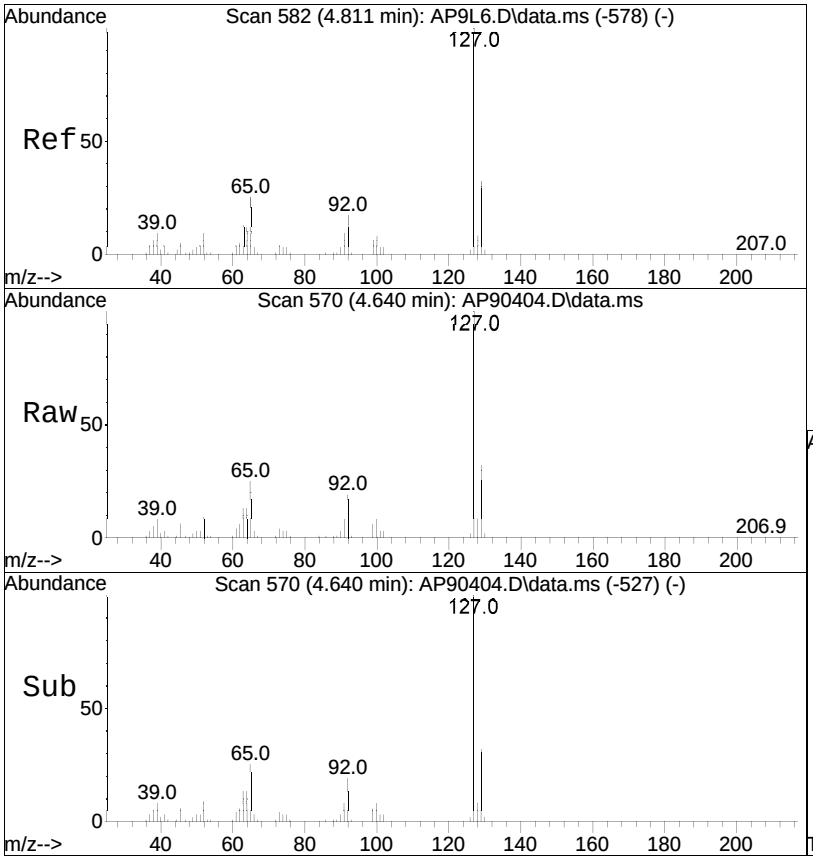


#30
m-Toluidine
Concen: 5.23 ug/ml
RT: 4.287 min Scan# 510
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:106 Resp: 45067

Ion	Ratio	Lower	Upper
106	100		
107	89.3	72.3	108.5
79	15.3	12.2	18.2

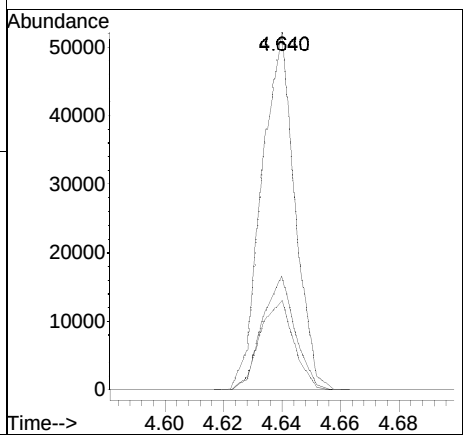


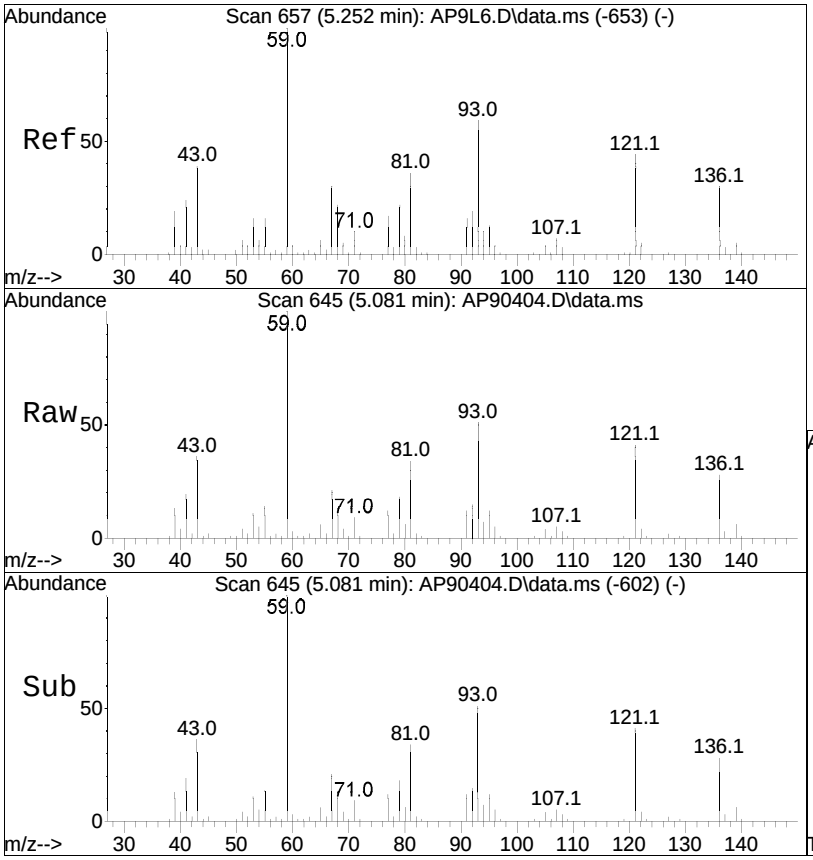


#31
2-Chloroaniline
Concen: 5.06 ug/ml
RT: 4.640 min Scan# 570
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:127 Resp: 40624

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	26.0	20.5	30.7

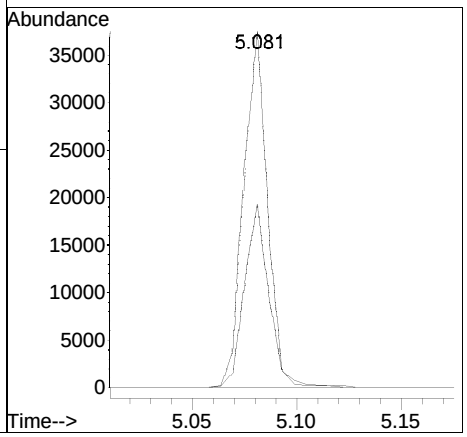


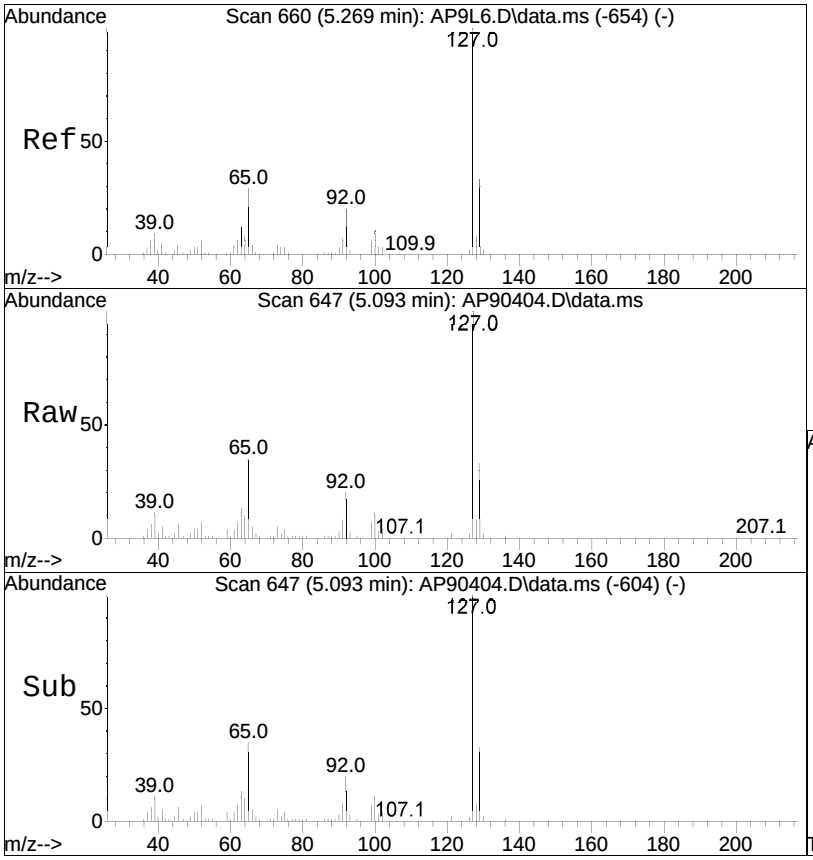


#56
a-Terpineol
Concen: 6.12 ug/ml
RT: 5.081 min Scan# 645
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion: 59 Resp: 29322

Ion	Ratio	Lower	Upper
59	100		
93	53.3	43.5	65.3

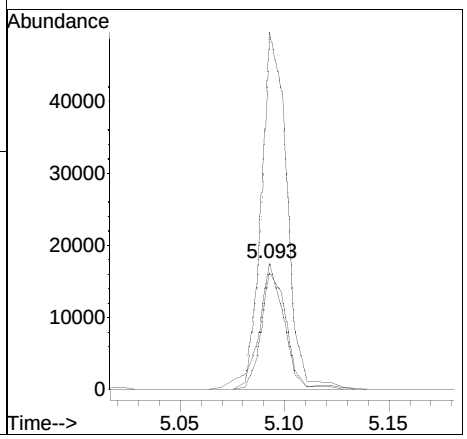


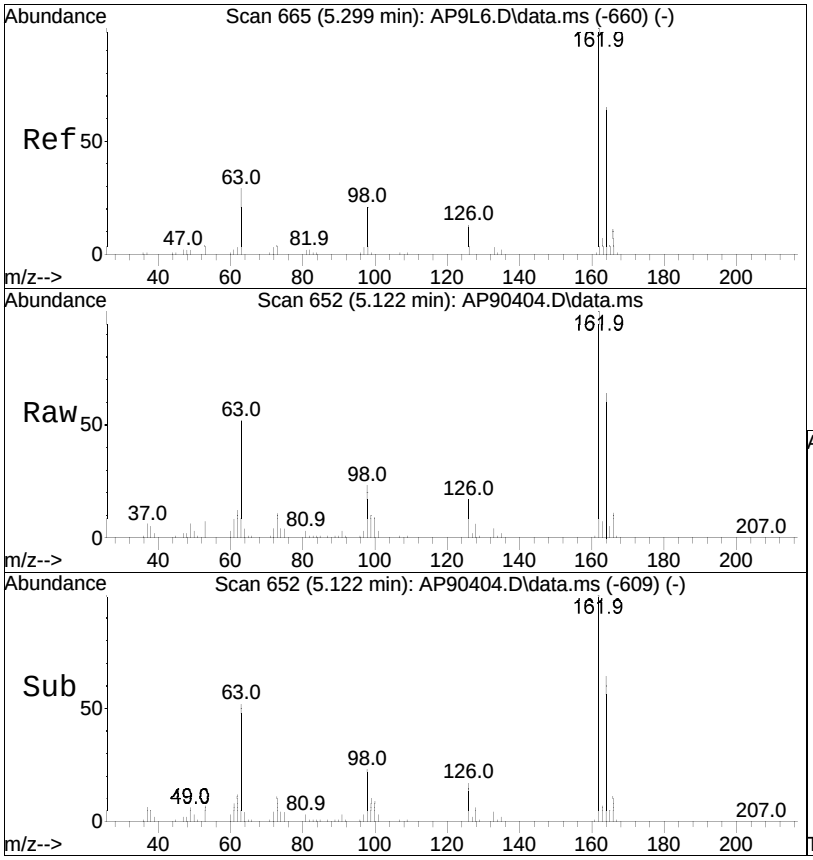


#57
3-Chloroaniline
Concen: 5.49 ug/ml
RT: 5.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion: 65 Resp: 15028

Ion	Ratio	Lower	Upper
65	100		
127	275.8	236.6	355.0
129	90.1	76.6	115.0

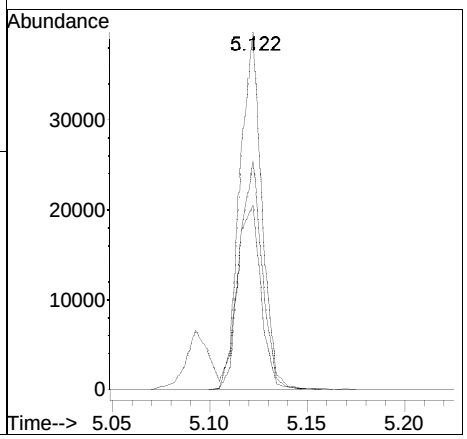


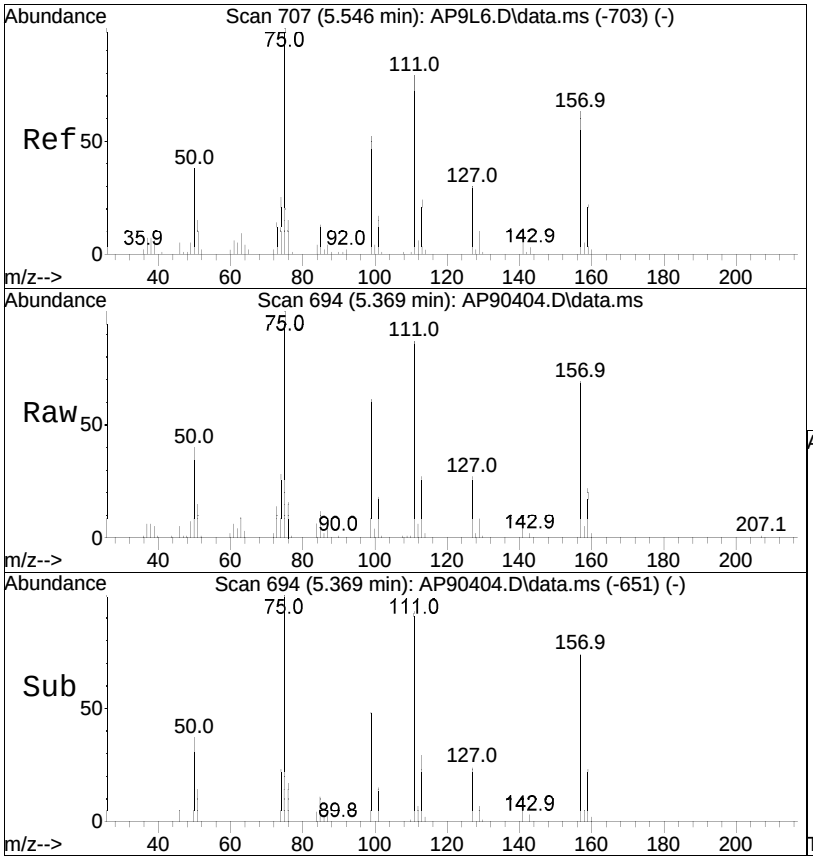


#58
2,6-Dichlorophenol
Concen: 5.59 ug/ml
RT: 5.122 min Scan# 652
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:162 Resp: 31036

Ion	Ratio	Lower	Upper
162	100		
164	65.0	50.8	76.2
63	56.2	53.6	80.4

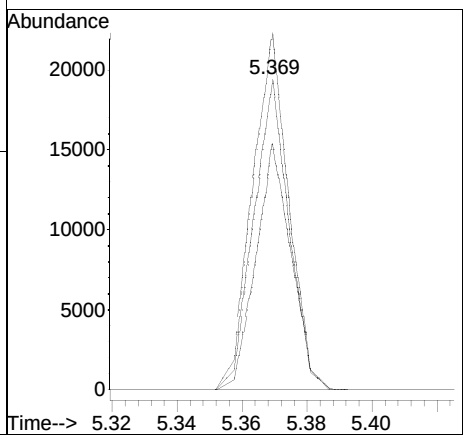


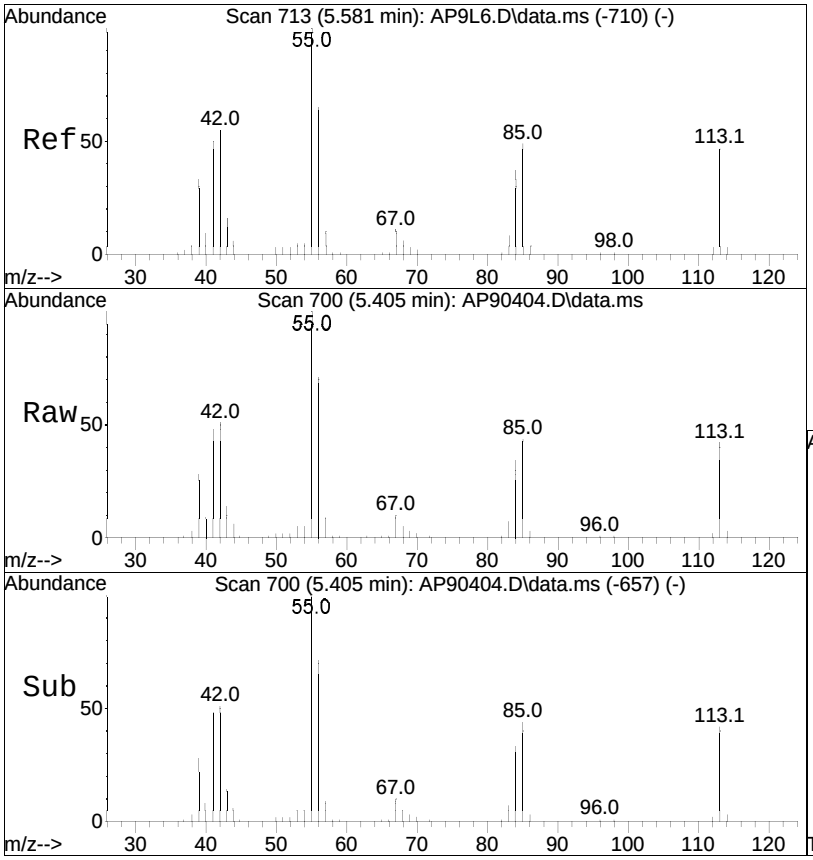


#59
1-chloro-2-nitrobenzene
Concen: 6.42 ug/ml
RT: 5.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:111 Resp: 14481

Ion	Ratio	Lower	Upper
111	100		
157	79.1	56.2	84.2
75	118.5	97.8	146.6

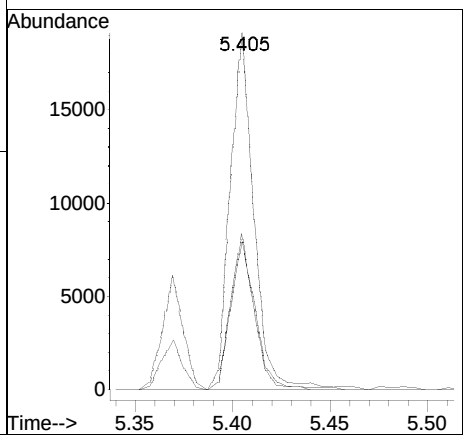


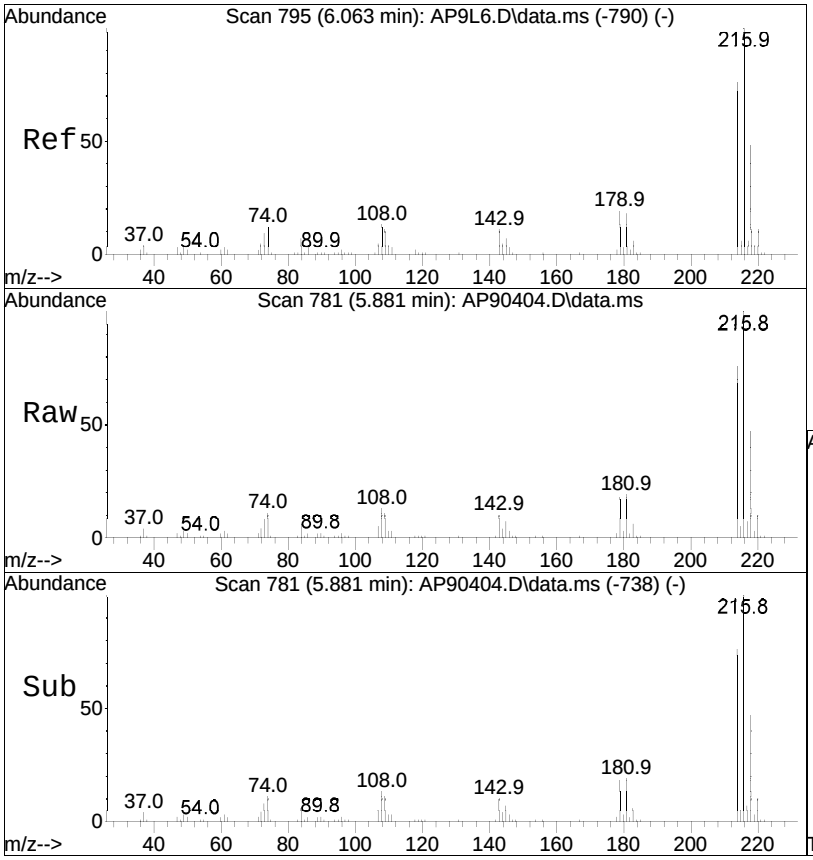


#60
Caprolactam
Concen: 5.33 ug/ml
RT: 5.405 min Scan# 700
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion: 55 Resp: 16098

Ion	Ratio	Lower	Upper
55	100		
85	43.8	35.2	52.8
113	43.2	36.6	55.0

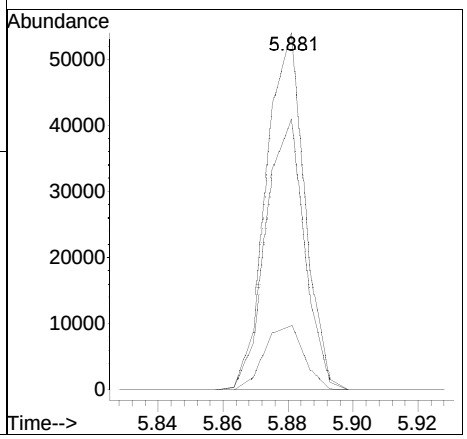


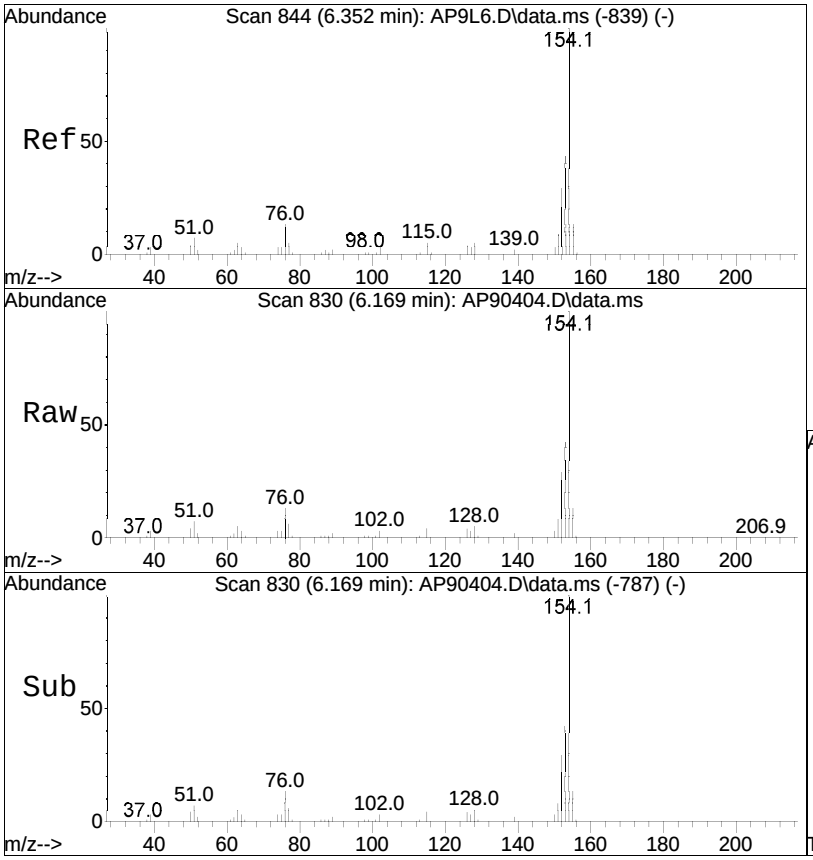


#61
1,2,4,5-Tetrachlorobenzene
Concen: 5.34 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:216 Resp: 44117

Ion	Ratio	Lower	Upper
216	100		
214	76.5	64.0	96.0
179	18.7	18.7	28.1#

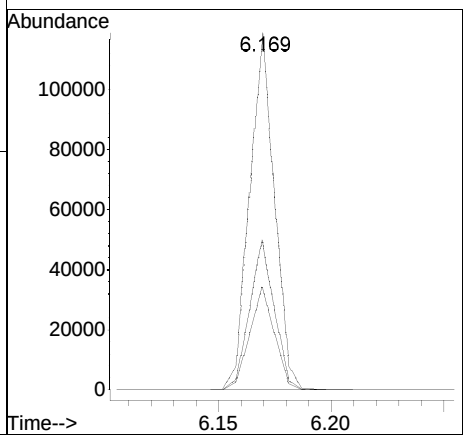


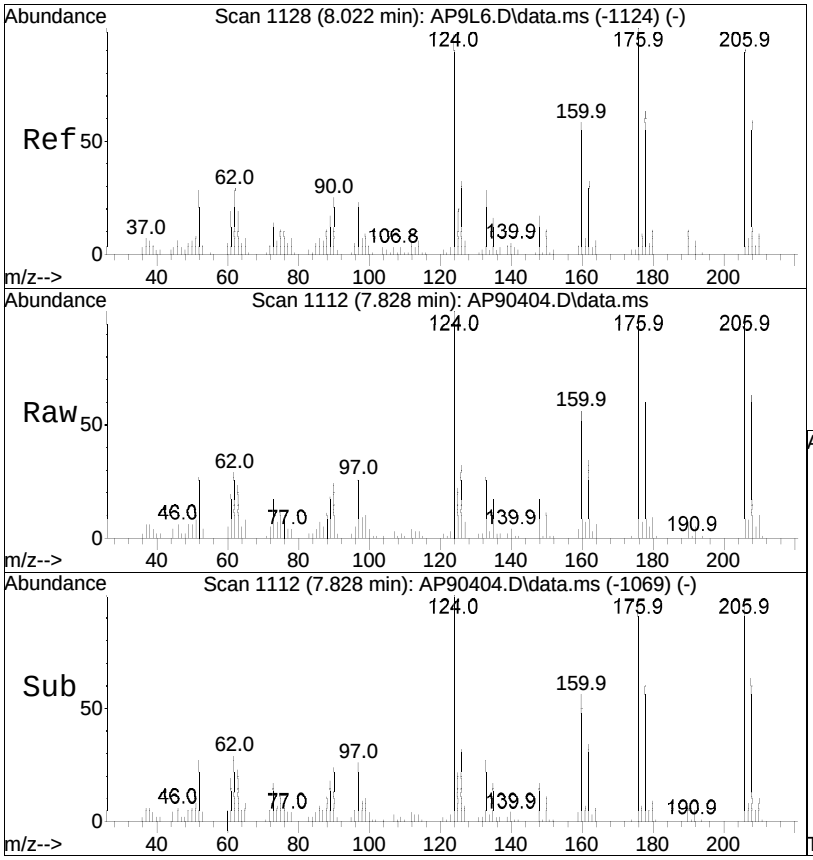


#62
Biphenyl
Concen: 5.11 ug/ml
RT: 6.169 min Scan# 830
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:154 Resp: 90792

Ion	Ratio	Lower	Upper
154	100		
153	41.8	32.5	48.7
152	29.0	22.6	34.0

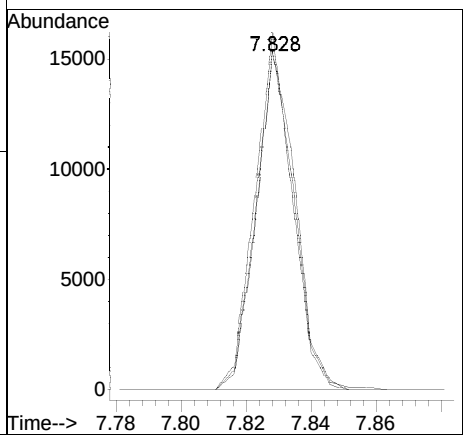


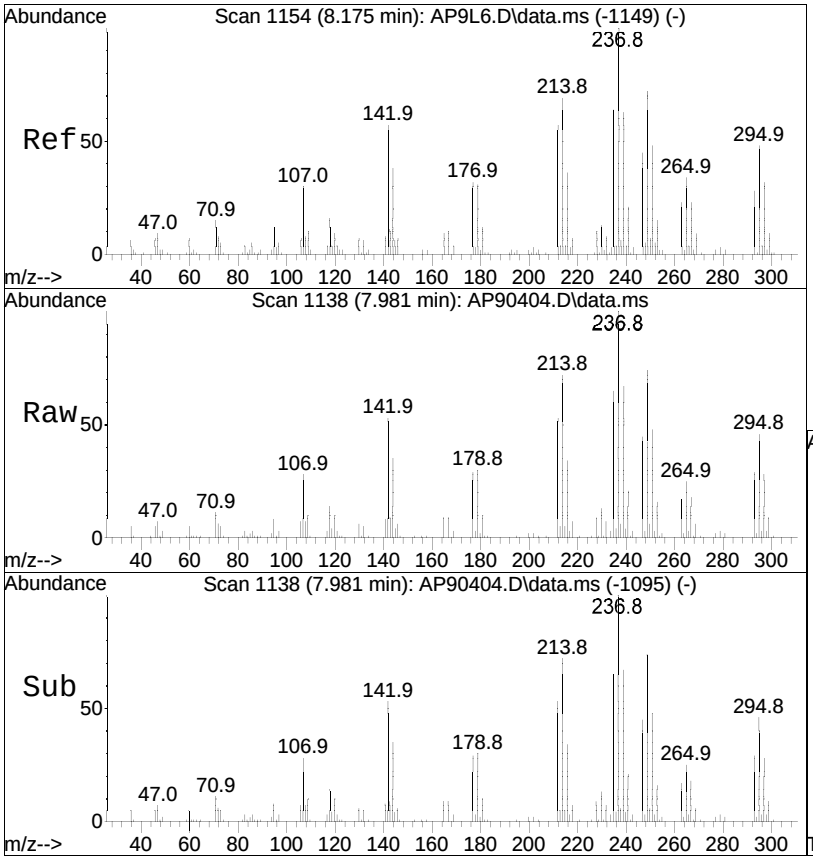


#84
Dichloran
Concen: 6.63 ug/ml
RT: 7.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:206 Resp: 12667

Ion	Ratio	Lower	Upper
206	100		
176	98.6	98.8	148.2#
124	100.9	125.8	188.6#

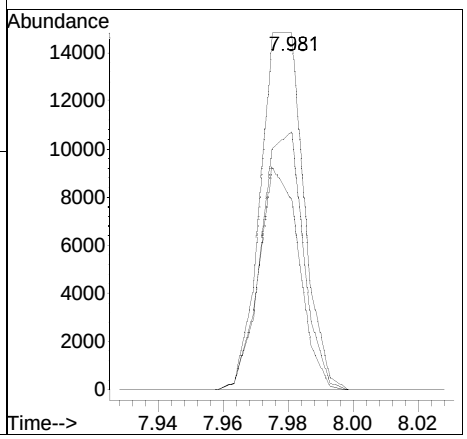


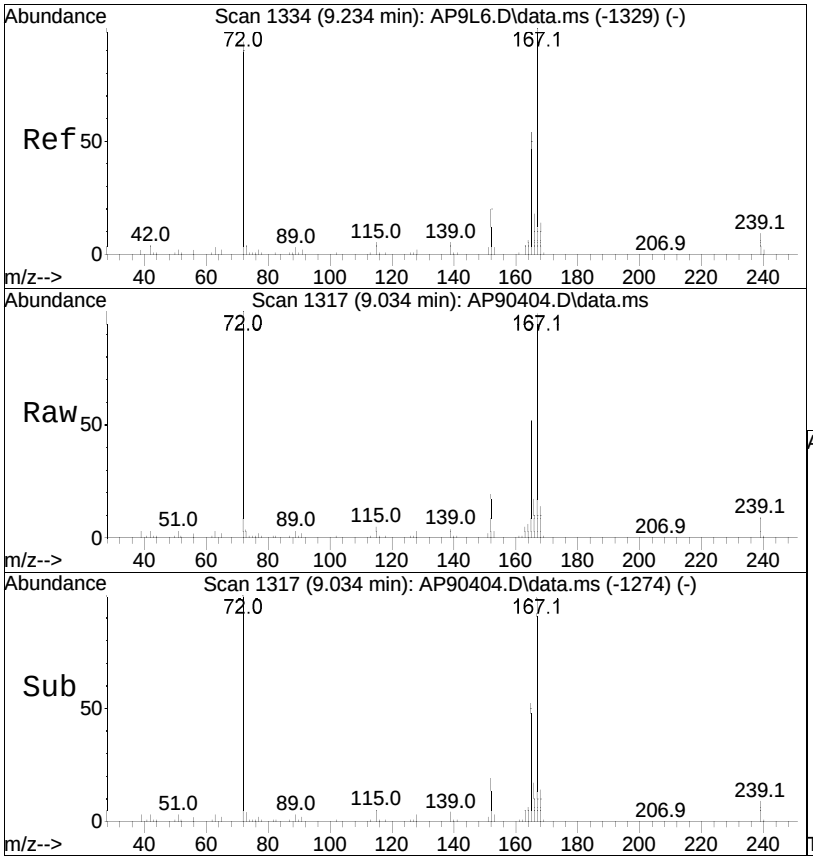


#85
Pentachloronitrobenzene
Concen: 6.36 ug/ml
RT: 7.981 min Scan# 1138
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:237 Resp: 13692

Ion	Ratio	Lower	Upper
237	100		
142	58.4	70.3	105.5#
214	70.2	59.4	89.2

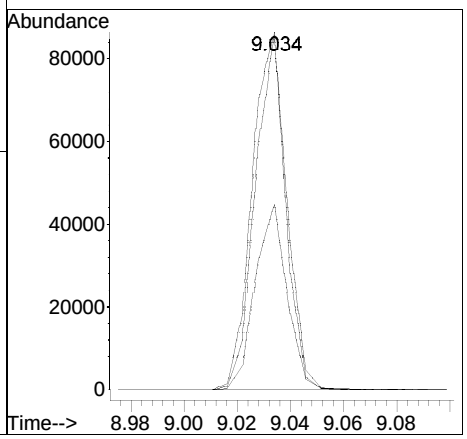




#99
Diphenamid
Concen: 5.20 ug/ml
RT: 9.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: AP90404.D
Acq: 04 Apr 2026 08:40 am

Tgt Ion:167 Resp: 69977

Ion	Ratio	Lower	Upper
167	100		
72	105.5	98.9	148.3
165	53.5	40.4	60.6



Manual Integration Report

Data Path	: I:\8270\SV112\260404RVT\	QMethod	: FS260206SV112RVT.m
Data File	: AP90404.D	Operator	: SV112:jg
Date Inj'd	: 4/4/2026 8:40 am	Instrument	: SV112
Sample	: WG2193904-4,32,,AP9 12162	Quant Date	: 4/4/2026 10:08 am

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

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\260404RVT\
Data File : ADP0404.D
Acq On : 04 Apr 2026 08:59 am
Operator : SV112:jg
Sample : WG2193904-5,32,,ADP 12294 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Apr 04 10:09:50 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:13 2026
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)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	93	0.00
33	T	1,4-Dioxane		0.422	0.468	-10.9	105	0.00
34	T	n-Decane		1.225	1.375	-12.2	102	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	87	0.00
87	T	Atrazine		0.465	0.466	-0.2	83	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	87	0.00
101	T	n-Octadecane		0.385	0.412	-7.0	94	0.00
102	T	Parathion	*	5.000	5.614	-12.3	111	0.00
103	T	3,3'-Dimethylbenzidine		0.750	0.827	-10.3	85	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : ADP0404.D
Acq On : 04 Apr 2026 08:59 am
Operator : SV112:jg
Sample : WG2193904-5,32,,ADP 12294 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Apr 04 10:09:50 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:13 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
32) IS3_1,4-Dichlorobenzen...	3.828	152	19854	4.000	ug/ml		0.00
86) IS3_Acenaphthene-d10	6.704	164	45459	4.000	ug/ml		0.00
100) IS3_Phenanthrene-d10	8.122	188	111052	4.000	ug/ml	#	0.00
System Monitoring Compounds							
Target Compounds							Qvalue
33) 1,4-Dioxane	1.422	88	11625	5.544	ug/ml	#	77
34) n-Decane	3.722	57	34124	5.612	ug/ml		95
87) Atrazine	7.910	200	26489	5.015	ug/ml		99
101) n-Octadecane	8.122	57	57209	5.352	ug/ml		97
102) Parathion	8.916	109	13194	5.614	ug/ml	#	87
103) 3,3'-Dimethylbenzidine	10.175	212	114796	5.516	ug/ml		99

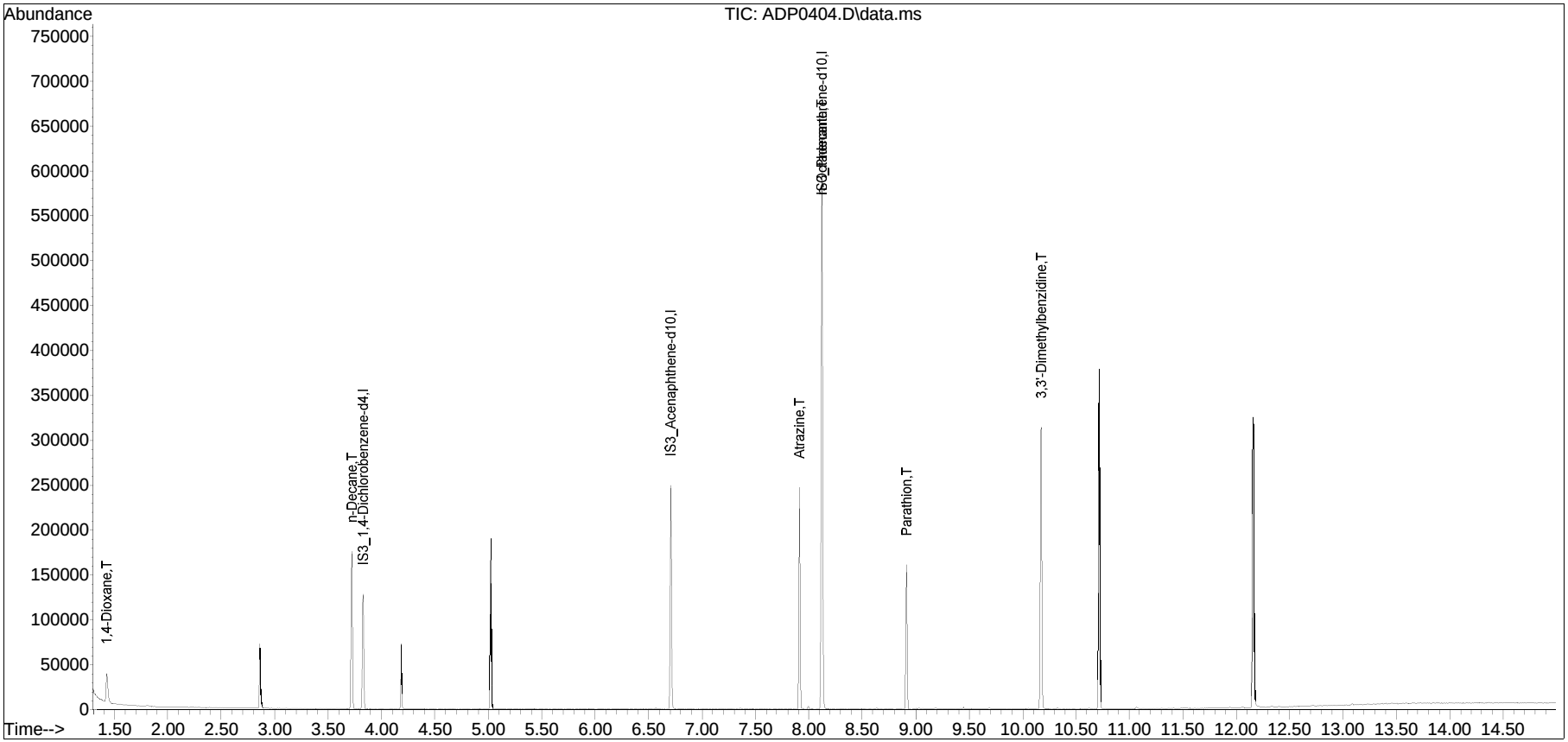
(#) = qualifier out of range (m) = manual integration (+) = signals summed

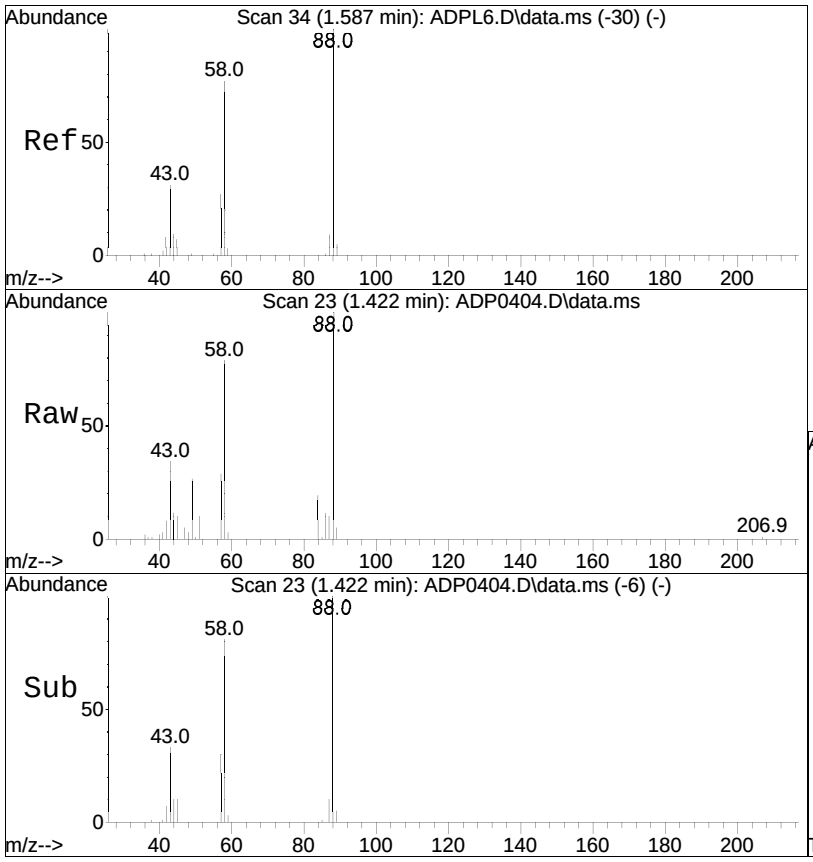
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404RVT\
Data File : ADP0404.D
Acq On : 04 Apr 2026 08:59 am
Operator : SV112:jg
Sample : WG2193904-5,32,,ADP 12294 gmr0404A
Misc : WG2193904,,ical23047
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Apr 04 10:09:50 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:13 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

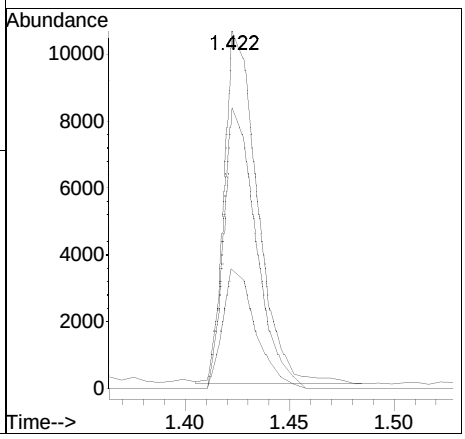


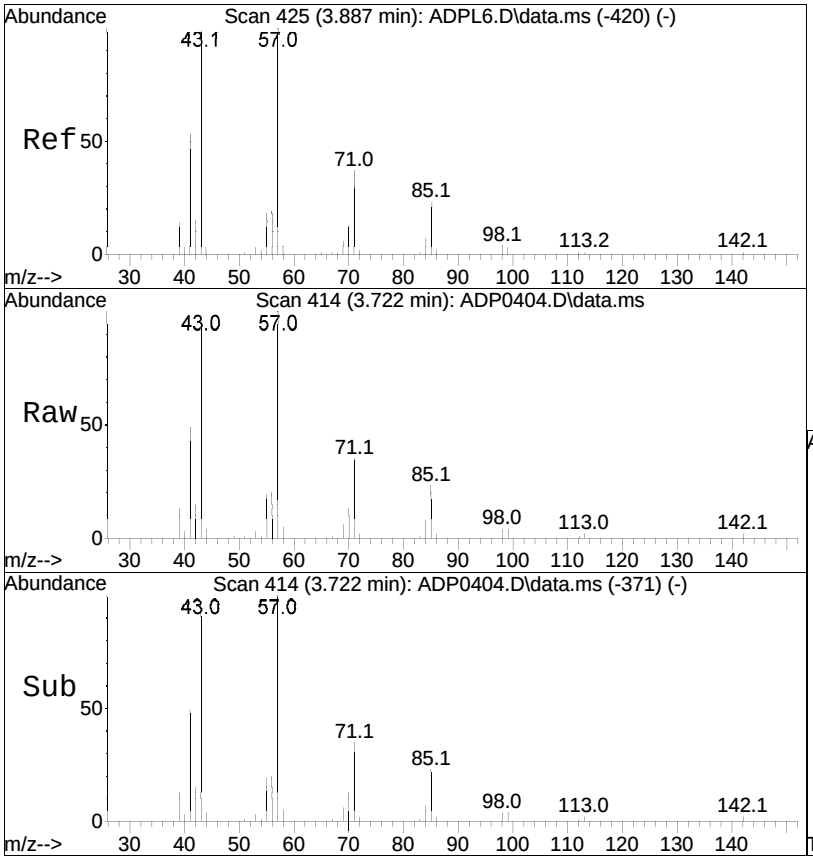


#33
1,4-Dioxane
Concen: 5.54 ug/ml
RT: 1.422 min Scan# 23
Delta R.T. 0.000 min
Lab File: ADP0404.D
Acq: 04 Apr 2026 08:59 am

Tgt Ion: 88 Resp: 11625

Ion	Ratio	Lower	Upper
88	100		
58	77.2	44.8	67.2#
43	33.6	22.4	33.6#

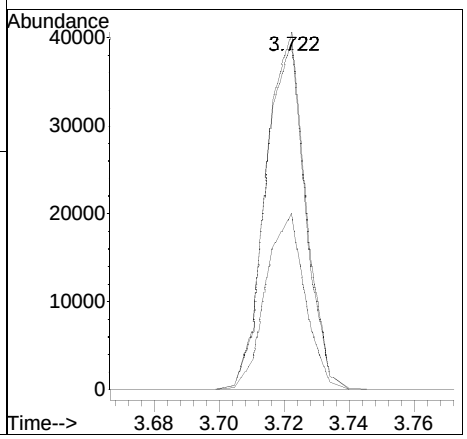


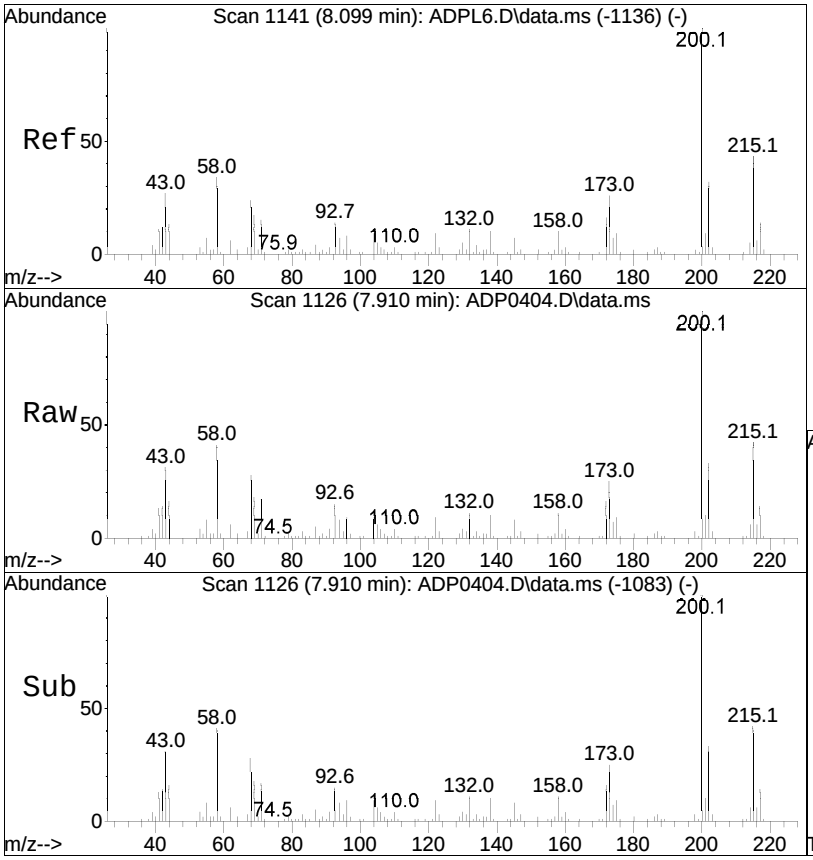


#34
n-Decane
Concen: 5.61 ug/ml
RT: 3.722 min Scan# 414
Delta R.T. 0.000 min
Lab File: ADP0404.D
Acq: 04 Apr 2026 08:59 am

Tgt Ion: 57 Resp: 34124

Ion	Ratio	Lower	Upper
57	100		
43	97.4	75.4	113.2
41	48.9	35.0	52.6

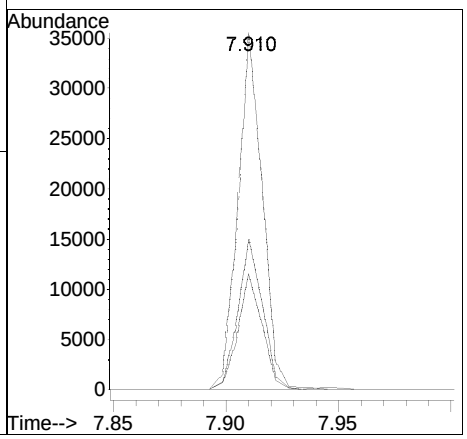


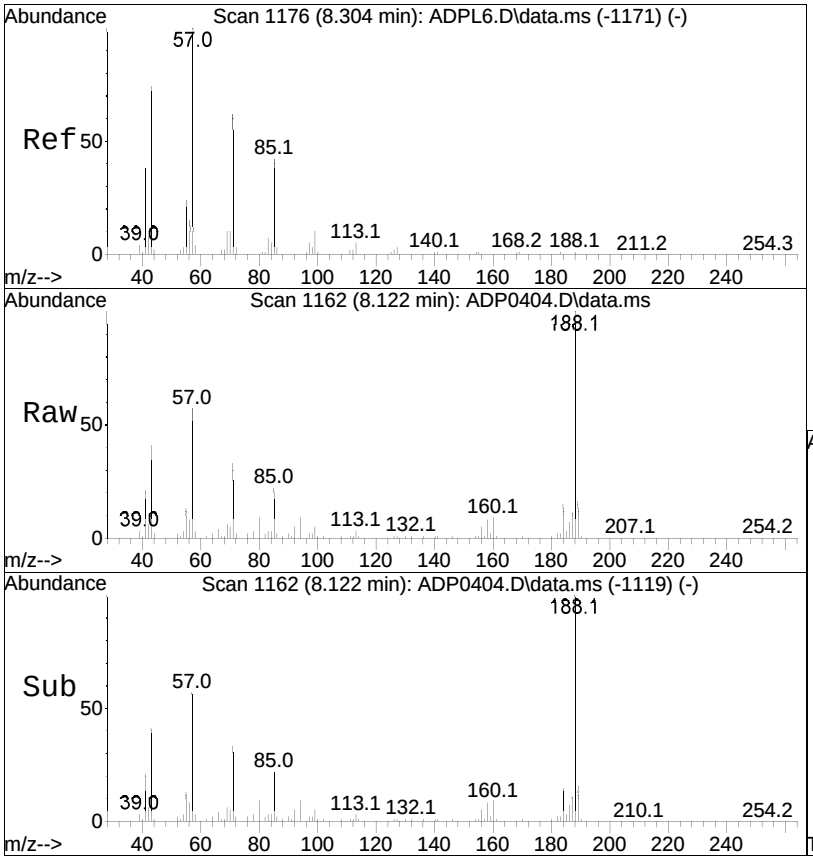


#87
Atrazine
Concen: 5.01 ug/ml
RT: 7.910 min Scan# 1126
Delta R.T. 0.000 min
Lab File: ADP0404.D
Acq: 04 Apr 2026 08:59 am

Tgt Ion:200 Resp: 26489

Ion	Ratio	Lower	Upper
200	100		
202	32.4	25.0	37.6
215	42.8	34.5	51.7

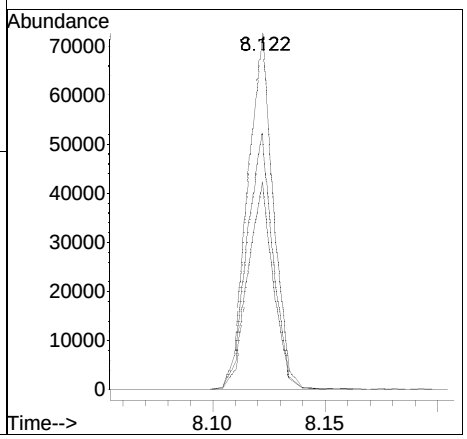


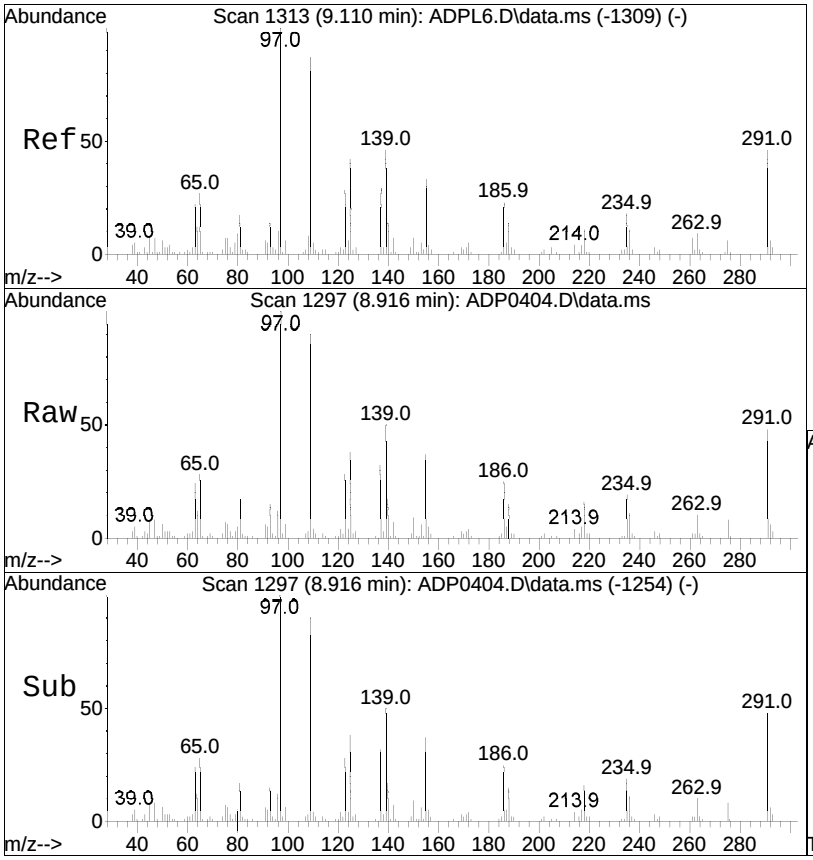


#101
n-Octadecane
Concen: 5.35 ug/ml
RT: 8.122 min Scan# 1162
Delta R.T. 0.000 min
Lab File: ADP0404.D
Acq: 04 Apr 2026 08:59 am

Tgt Ion: 57 Resp: 57209

Ion	Ratio	Lower	Upper
57	100		
43	72.3	54.3	81.5
71	57.2	45.1	67.7

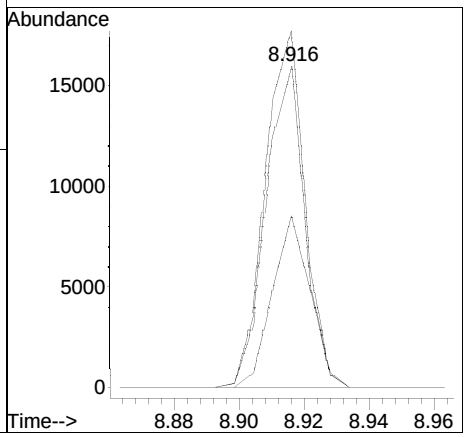


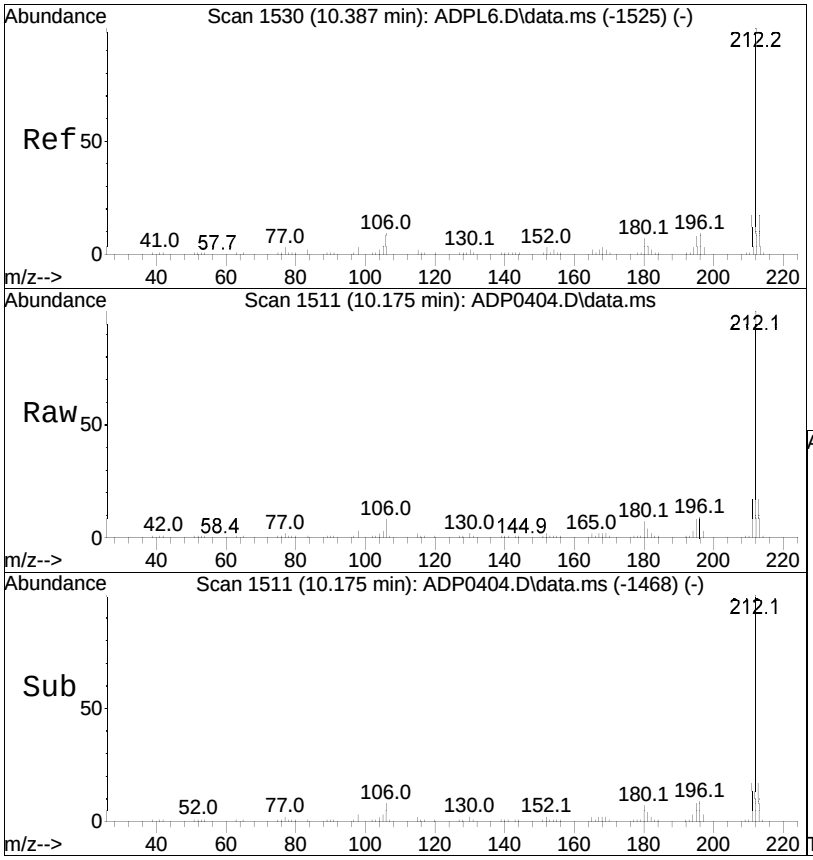


#102
Parathion
Concen: 5.61 ug/ml
RT: 8.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: ADP0404.D
Acq: 04 Apr 2026 08:59 am

Tgt Ion:109 Resp: 13194

Ion	Ratio	Lower	Upper
109	100		
97	113.0	85.4	128.2
291	51.9	25.4	38.2#

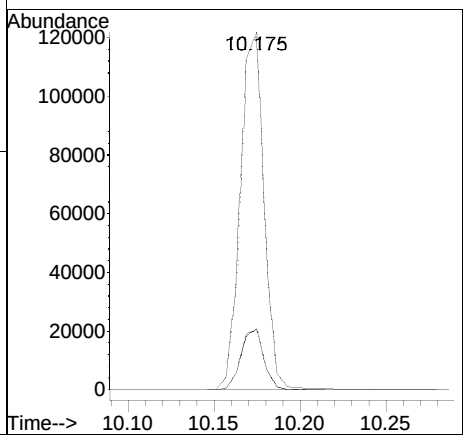




#103
3,3'-Dimethylbenzidine
Concen: 5.52 ug/ml
RT: 10.175 min Scan# 1511
Delta R.T. 0.000 min
Lab File: ADP0404.D
Acq: 04 Apr 2026 08:59 am

Tgt Ion:212 Resp: 114796

Ion	Ratio	Lower	Upper
212	100		
211	16.8	13.3	19.9
213	16.5	13.4	20.2



Manual Integration Report

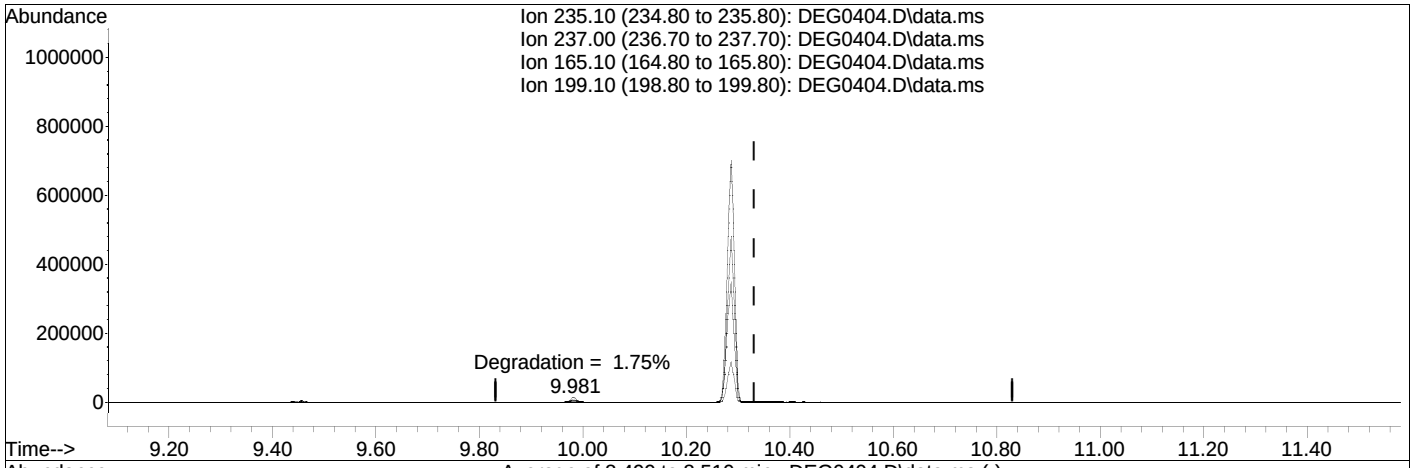
Data Path	: I:\8270\SV112\260404RVT\	QMethod	: FS260206SV112RVT.m
Data File	: ADP0404.D	Operator	: SV112:jg
Date Inj'd	: 4/4/2026 8:59 am	Instrument	: SV112
Sample	: WG2193904-5,32,,ADP 12294	Quant Date	: 4/4/2026 10:10 am

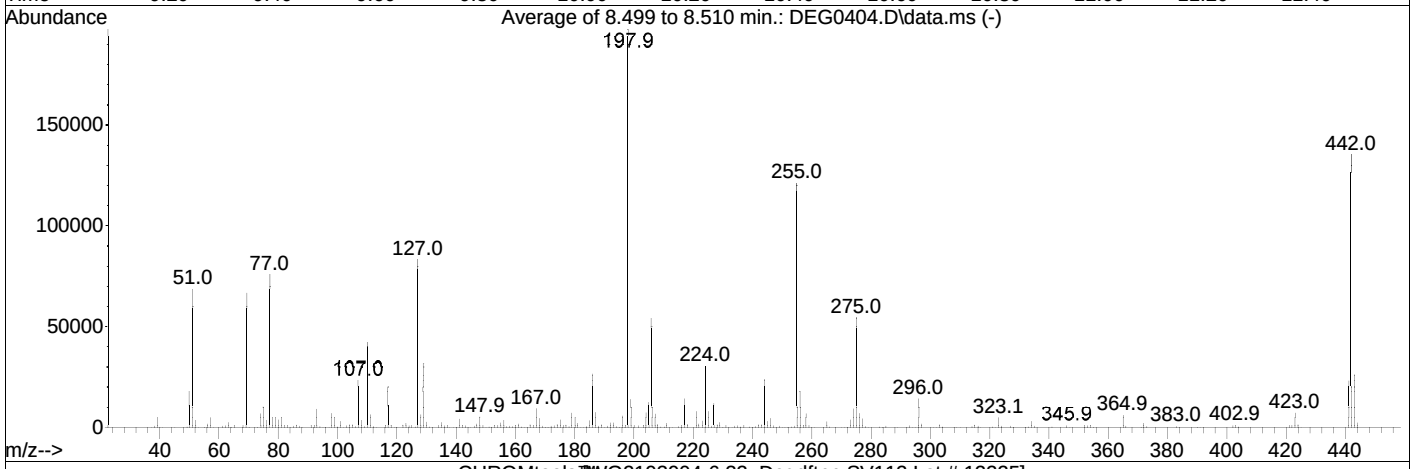
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260404RVT\
Data File : DEG0404.D
Acq On : 04 Apr 2026 08:01 am
Operator : SV112:jg
Sample : WG2193904-2,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193904,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Apr 04 09:55:02 2026
Quant Method : I:\8270\SV112\260404RVT\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools [WG2193904-6,32,,Degdftpp SV112 Lot # 12225]

(6) DDT (T)

10.287min (-0.044) 0.00

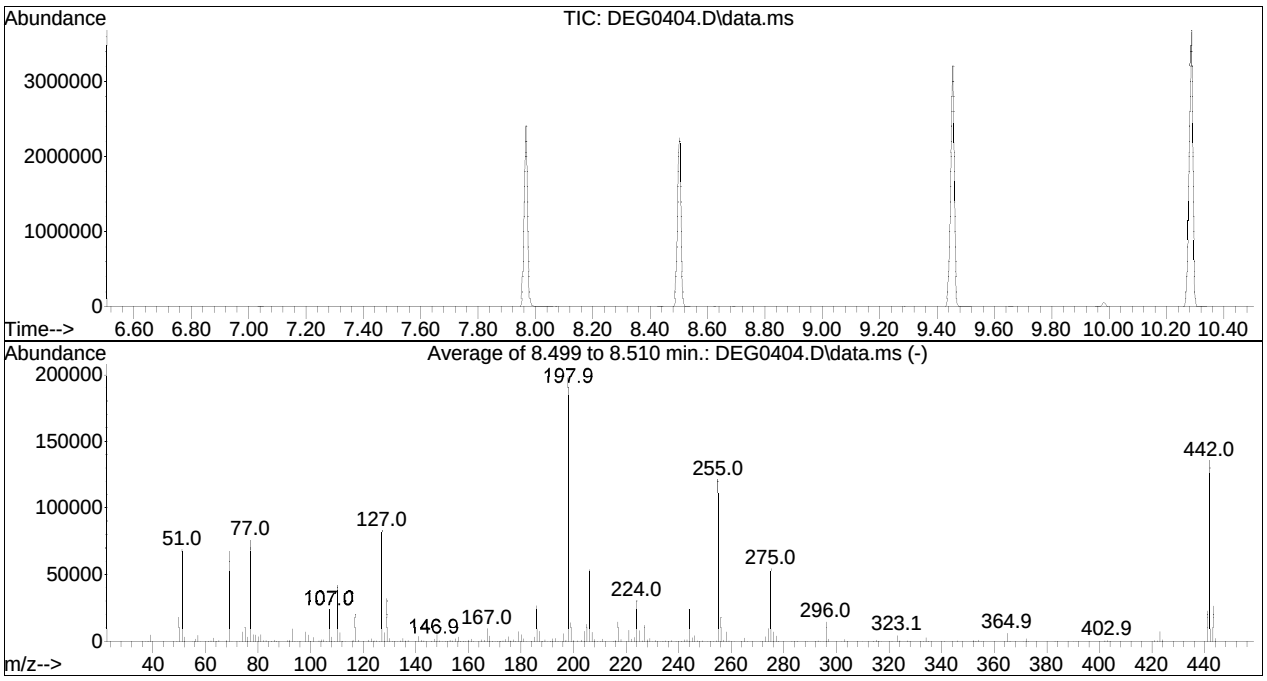
response 644363

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	71.30	67.23
165.10	47.10	48.27
199.10	16.40	15.85

Data Path : I:\8270\SV112\260404RVT\
Data File : DEG0404.D
Acq On : 04 Apr 2026 08:01 am
Operator : SV112:jg
Sample : WG2193904-1,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193904,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Sat Apr 04 10:10:11 2026



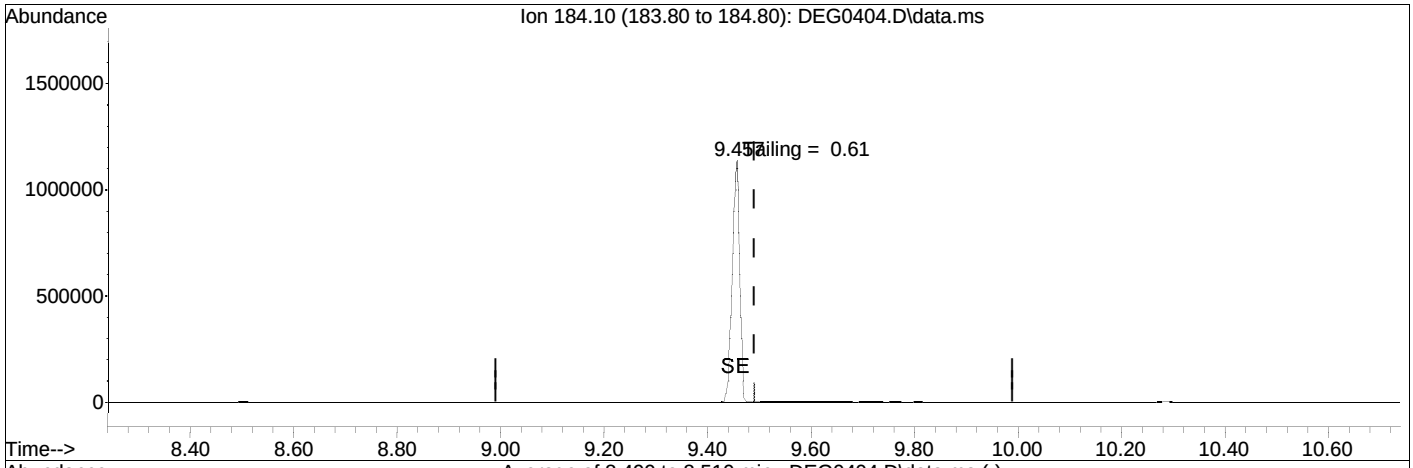
Spectrum Information: Average of 8.499 to 8.510 min.

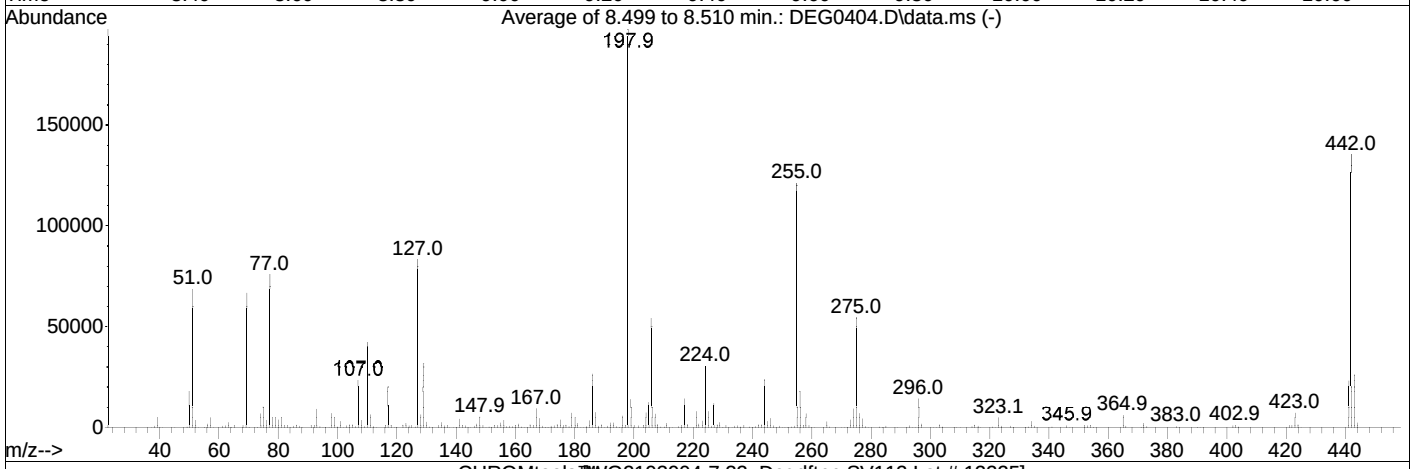
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	34.7	68472	PASS
68	69	0.00	2	1.6	1080	PASS
69	69	100	100	100.0	66766	PASS
70	69	0.00	2	0.5	326	PASS
127	198	10	80	42.1	83192	PASS
197	198	0.00	2	0.7	1397	PASS
198	198	100	100	100.0	197568	PASS
199	198	5	9	7.1	14027	PASS
275	198	10	60	27.6	54565	PASS
365	198	1	100	3.1	6040	PASS
441	442	0.01	24	17.1	23059	PASS
442	198	50	100	68.4	135208	PASS
443	442	15	24	19.6	26501	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260404RVT\
Data File : DEG0404.D
Acq On : 04 Apr 2026 08:01 am
Operator : SV112:jg
Sample : WG2193904-6,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193904,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Apr 04 09:55:02 2026
Quant Method : I:\8270\SV112\260404RVT\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools [WG2193904-7,32,,Degdftpp SV112 Lot # 12225]

(3) Benzidine (T)

9.457min (-0.033) 0.00

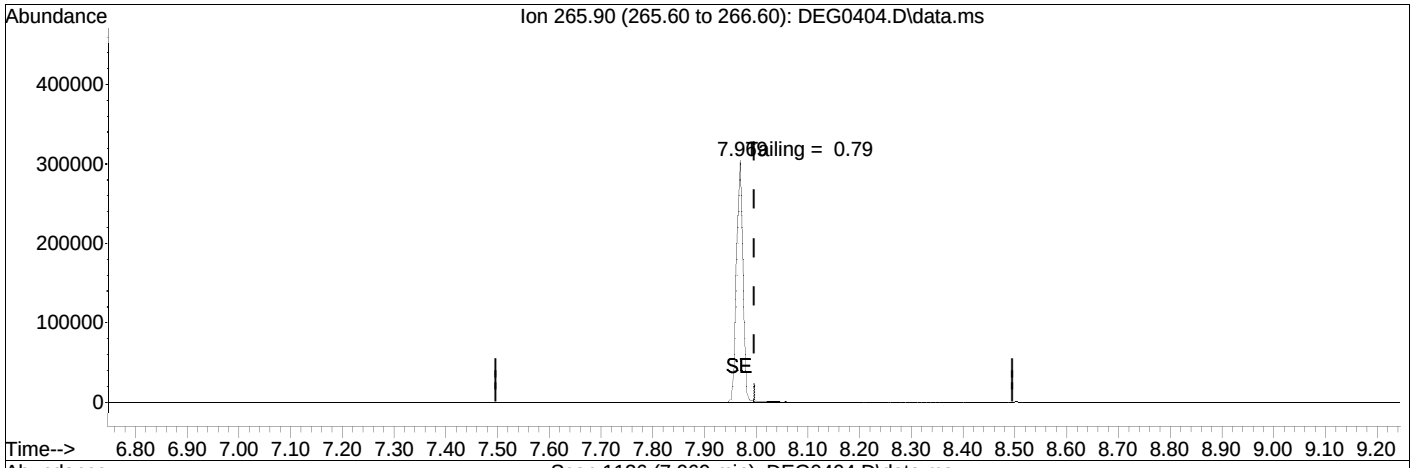
response 1082386

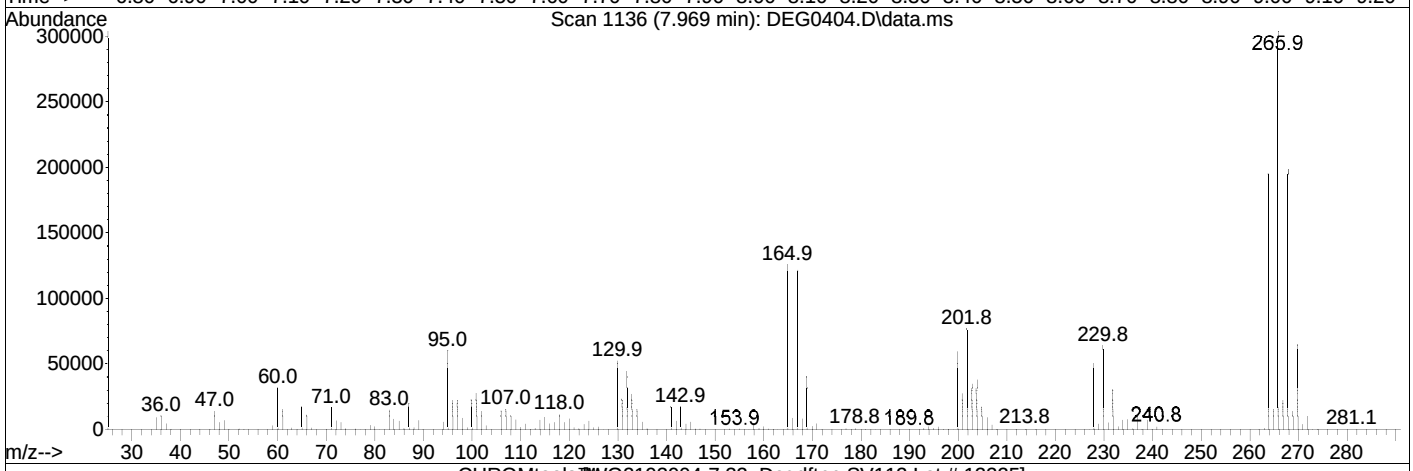
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV112\260404RVT\
Data File : DEG0404.D
Acq On : 04 Apr 2026 08:01 am
Operator : SV112:jg
Sample : WG2193904-7,32,,Degdftpp SV112 Lot # 12225
Misc : WG2193904,,ical23047
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Apr 04 09:55:02 2026
Quant Method : I:\8270\SV112\260404RVT\DftppSV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Feb 26 15:45:52 2025
Response via : Initial Calibration





CHROMtools TM [WG2193904-7,32,,Degdftpp SV112 Lot # 12225]

(1) Pentachlorophenol (T)

7.969min (-0.027) 0.00

response 245434

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Semivolatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 06:35:44 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	18013	4.000	ug/ml		0.00
Standard Area 1 = 28958			Recovery = 62.20%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	18013	4.000	ug/ml		0.00
Standard Area 3 = 25830			Recovery = 69.74%				
32) IS3_1,4-Dichlorobenzen...	3.828	152	18013	4.000	ug/ml		0.00
Standard Area 2 = 26378			Recovery = 68.29%				
35) IS1_Naphthalene-d8	5.022	136	67148	4.000	ug/ml		0.00
Standard Area 1 = 115513			Recovery = 58.13%				
55) IS2_Naphthalene-d8	5.022	136	67148	4.000	ug/ml		0.00
Standard Area 3 = 101110			Recovery = 66.41%				
63) IS1_Acenaphthene-d10	6.705	164	44610	4.000	ug/ml		0.00
Standard Area 1 = 80394			Recovery = 55.49%				
83) IS2_Acenaphthene-d10	6.705	164	44610	4.000	ug/ml		0.00
Standard Area 3 = 67555			Recovery = 66.04%				
86) IS3_Acenaphthene-d10	6.705	164	44610	4.000	ug/ml		0.00
Standard Area 2 = 63794			Recovery = 69.93%				
88) IS1_Phenanthrene-d10	8.122	188	104304	4.000	ug/ml	#	0.00
Standard Area 1 = 186472			Recovery = 55.94%				
100) IS3_Phenanthrene-d10	8.122	188	104304	4.000	ug/ml	#	0.00
Standard Area 2 = 153098			Recovery = 68.13%				
104) IS1_Chrysene-d12	10.716	240	121800	4.000	ug/ml	#	0.00
Standard Area 1 = 209893			Recovery = 58.03%				
113) IS1_Perylene-d12	12.163	264	145997	4.000	ug/ml		0.00
Standard Area 1 = 240171			Recovery = 60.79%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	4853	1.081	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 54.05%				
7) Phenol-d6	3.534	99	4031	0.673	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 33.65%				
19) Nitrobenzene-d5	4.346	82	4470	0.869	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 86.90%				
46) 2-Fluorobiphenyl	6.081	172	11798	0.774	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 77.40%				
79) 2,4,6-Tribromophenol	7.463	330	4326	1.526	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 76.30%				

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 06:35:44 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.693	244	22590	0.834	ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 83.40%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
38) 4-Chloroaniline	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	d
53) 2,6-Dinitrotoluene	0.000	0	N.D.	d
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	
64) 3-Nitroaniline	0.000	0	N.D.	
66) 2,4-Dinitrophenol	0.000	0	N.D.	
67) Dibenzofuran	0.000	0	N.D.	
68) 2,4-Dinitrotoluene	0.000	0	N.D.	d
69) 4-Nitrophenol	0.000	0	N.D.	
71) 2,3,4,6-Tetrachlorophenol	0.000	0	N.D.	
72) Diethyl phthalate	0.000	0	N.D.	

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 06:35:44 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	0.000		0		N.D.	
75)	4-Nitroaniline	0.000		0		N.D.	
76)	4,6-Dinitro-o-cresol	0.000		0		N.D.	
77)	NDPA/DPA	0.000		0		N.D.	
80)	4-Bromophenyl phenyl e...	0.000		0		N.D.	
87)	Atrazine	0.000		0		N.D.	
91)	Carbazole	0.000		0		N.D.	
92)	Di-n-butylphthalate	0.000		0		N.D.	
97)	Butyl benzyl phthalate	0.000		0		N.D.	
106)	3,3'-Dichlorobenzidine	0.000		0		N.D.	
108)	Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	
109)	Di-n-octylphthalate	0.000		0		N.D.	d

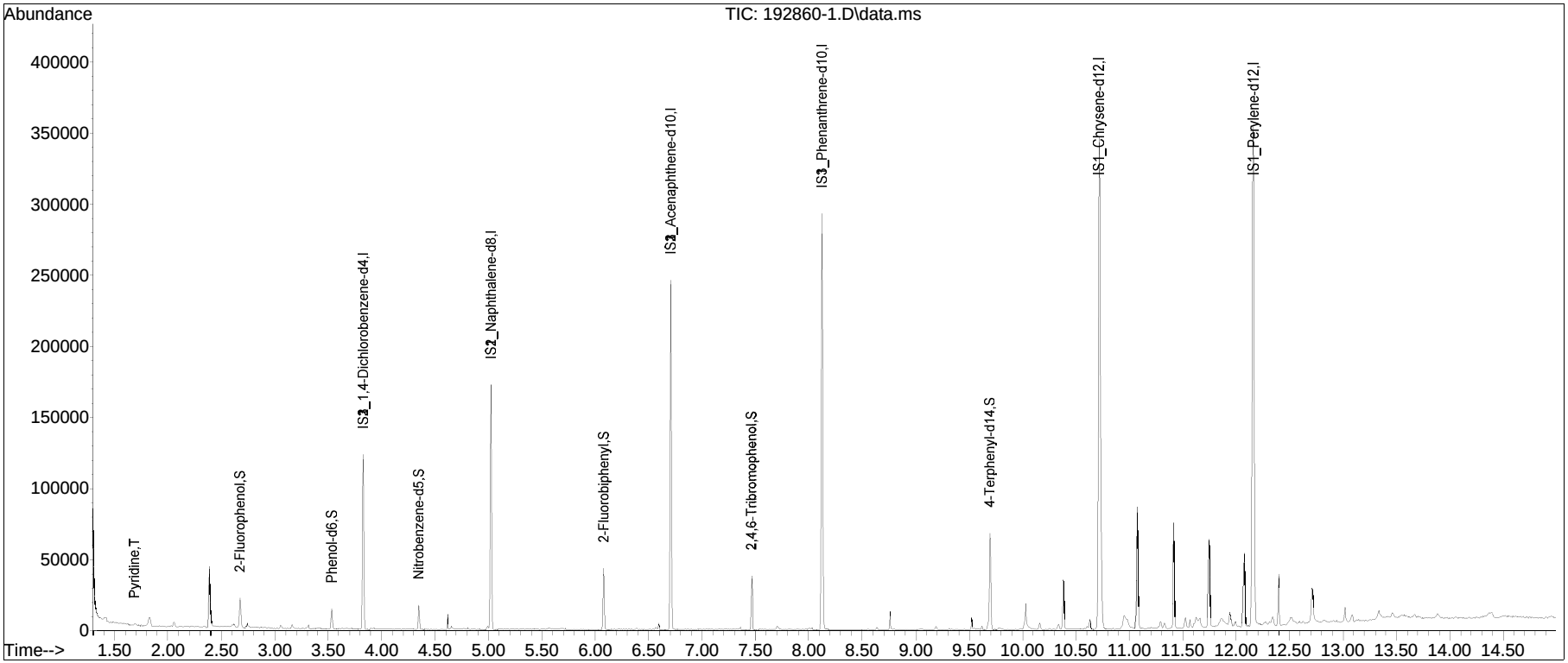
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 06:35:44 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MARVT\AP90402.D•



LSC Area Percent Report

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 192860-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.058	129	131	136	rVB3	3651	4074	1.03%	0.184%
2	2.387	184	187	193	rBV	42435	40047	10.10%	1.806%
3	2.675	233	236	241	rVB2	21032	19561	4.93%	0.882%
4	3.534	379	382	387	rVB	14244	11031	2.78%	0.497%
5	3.828	428	432	435	rVB	122945	104170	26.26%	4.697%
6	4.346	517	520	523	rVB	17203	12910	3.25%	0.582%
7	4.616	563	566	569	rBV	10956	8640	2.18%	0.390%
8	5.022	631	635	638	rVB	171979	137429	34.64%	6.197%
9	6.081	812	815	818	rBV	43018	31166	7.86%	1.405%
10	6.705	917	921	925	rBV	245801	187961	47.38%	8.475%
11	7.463	1047	1050	1054	rBV	38190	29876	7.53%	1.347%
12	8.122	1159	1162	1166	rBV	292779	247796	62.46%	11.173%
13	8.757	1267	1270	1275	rVB2	12650	10564	2.66%	0.476%
14	9.522	1397	1400	1404	rBV3	8638	7736	1.95%	0.349%
15	9.693	1423	1429	1433	rBV	67855	63647	16.04%	2.870%
16	10.028	1481	1486	1496	rBV2	17718	26285	6.63%	1.185%
17	10.163	1505	1509	1513	rVB	4575	4850	1.22%	0.219%
18	10.340	1534	1539	1542	rBV3	3772	4558	1.15%	0.206%
19	10.381	1542	1546	1550	rVV	34541	34332	8.65%	1.548%
20	10.628	1585	1588	1597	rVB2	6840	7798	1.97%	0.352%
21	10.716	1599	1603	1614	rVB	346555	396701	100.00%	17.887%
22	10.951	1636	1643	1647	rBV3	9772	21627	5.45%	0.975%
23	11.075	1660	1664	1670	rVB	85799	83318	21.00%	3.757%
24	11.287	1695	1700	1703	rBV2	4698	5755	1.45%	0.259%
25	11.322	1703	1706	1711	rVB2	3981	4953	1.25%	0.223%
26	11.416	1718	1722	1730	rVB	74771	72970	18.39%	3.290%
27	11.522	1735	1740	1744	rBV	7301	8794	2.22%	0.397%
28	11.563	1744	1747	1752	rVB	5491	6149	1.55%	0.277%

LSC Area Percent Report

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Title : Semivolatiles by GC/MS by modified 8270

29	11.628	1752	1758	1761	rBV4	7199	13744	3.46%	0.620%
30	11.745	1774	1778	1785	rBV	61586	65948	16.62%	2.974%
31	11.940	1808	1811	1816	rVB3	9298	12681	3.20%	0.572%
32	11.993	1816	1820	1824	rVB2	3434	4386	1.11%	0.198%
33	12.075	1830	1834	1839	rBV	51523	52577	13.25%	2.371%
34	12.157	1844	1848	1853	rBV	352321	381608	96.20%	17.207%
35	12.340	1876	1879	1884	rVB	6378	8105	2.04%	0.365%
36	12.398	1885	1889	1893	rVV	35751	37909	9.56%	1.709%
37	12.710	1938	1942	1950	rBV2	23294	34591	8.72%	1.560%
38	13.016	1991	1994	2000	rVB2	9922	11556	2.91%	0.521%

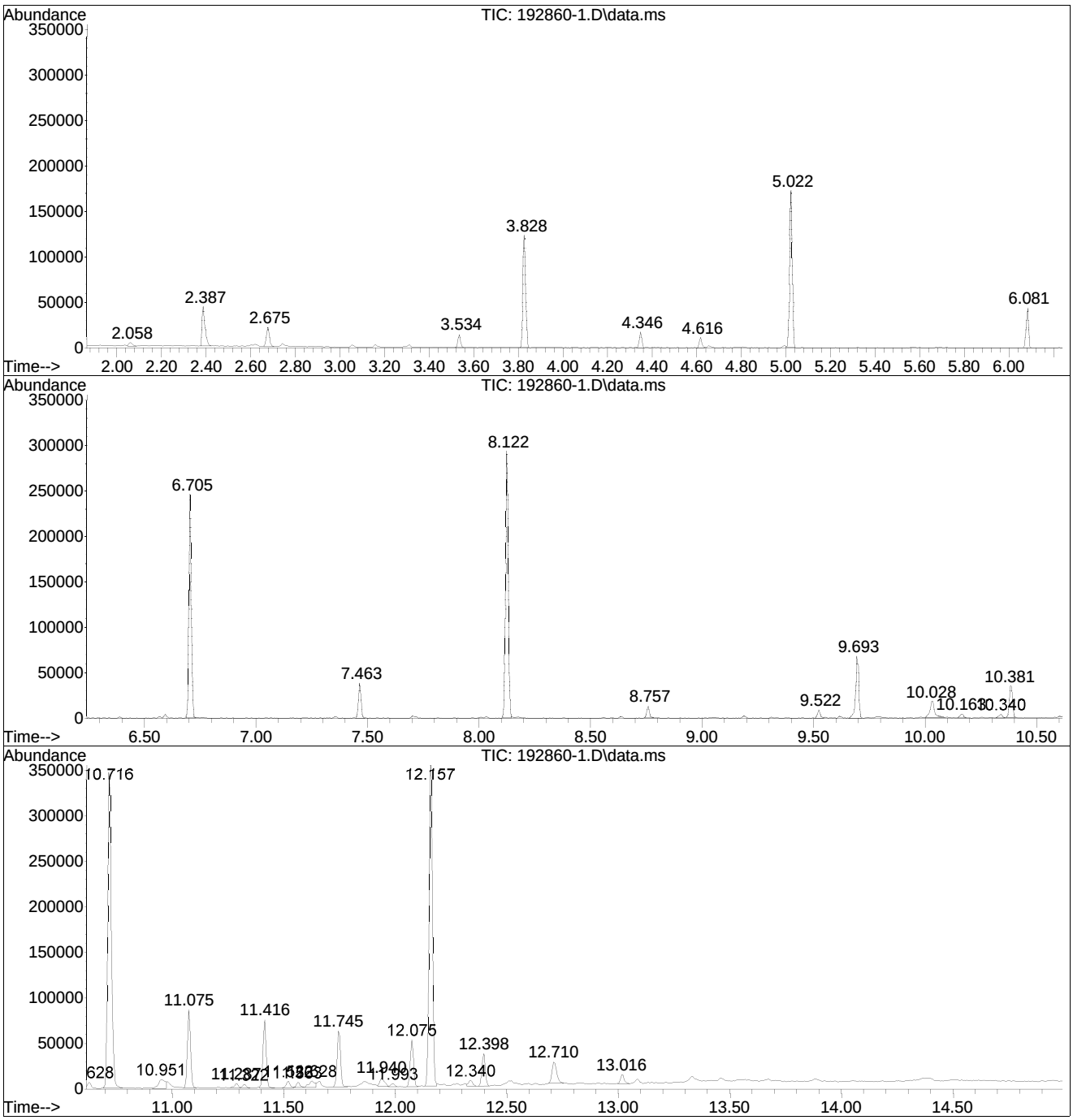
Sum of corrected areas: 2217803

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

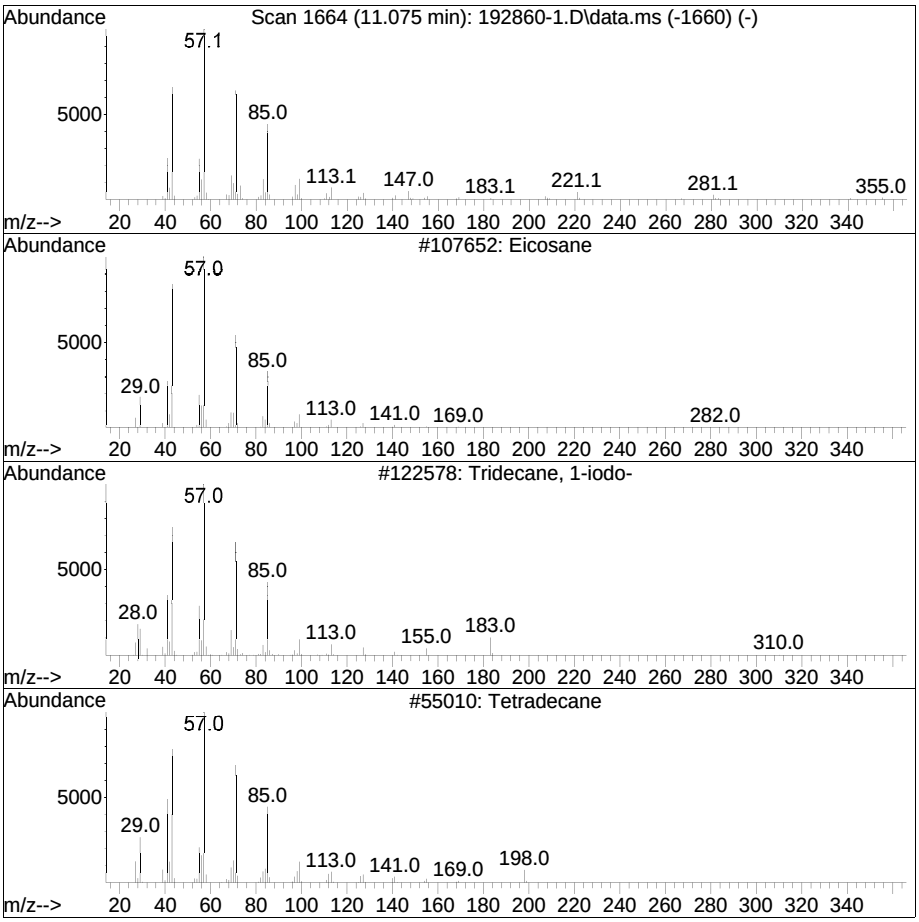
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

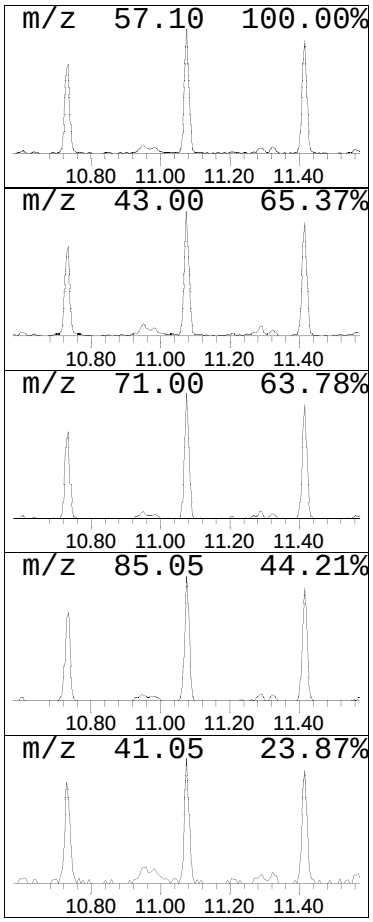
****

Peak Number 2 Unknown Alkane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.075	0.84 ug/ml	83318	IS1_Chrysene-d12	10.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Tetradecane	198	C14H30	000629-59-4	72
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
5	Heptacosane	380	C27H56	000593-49-7	68





Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

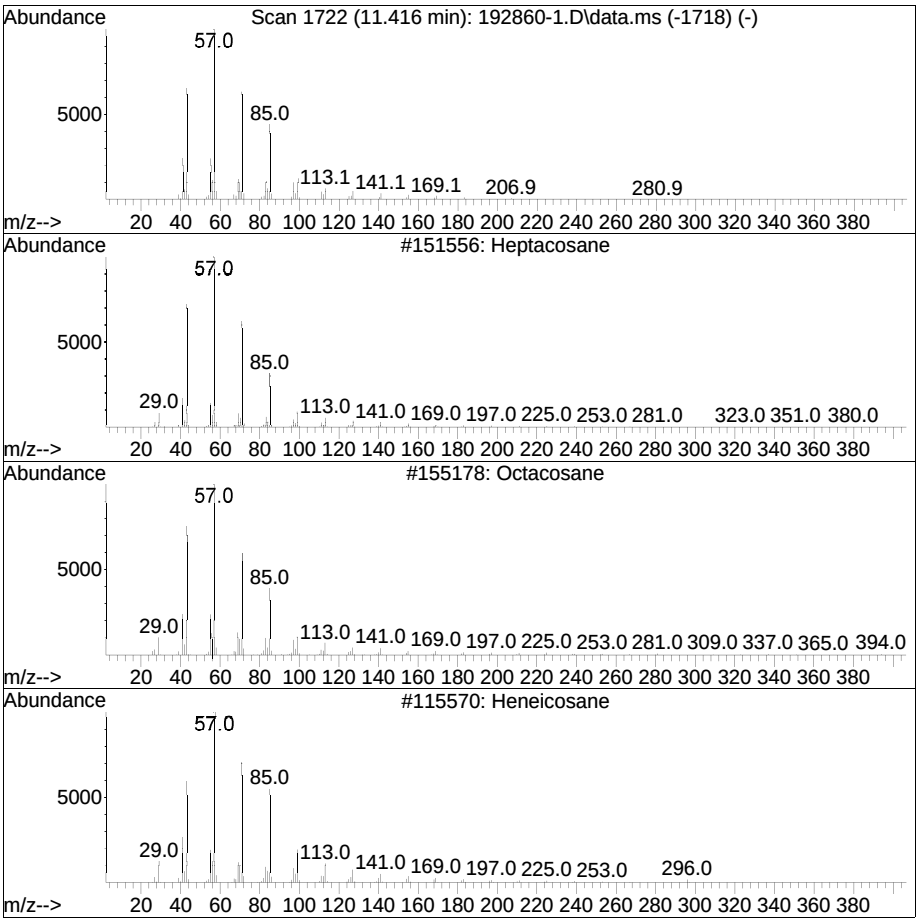
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

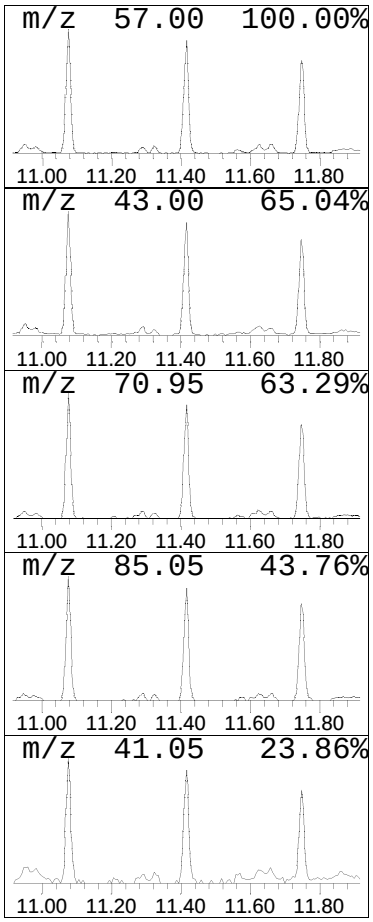
****

Peak Number 3 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	0.74 ug/ml	72970	IS1_Chrysene-d12	10.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86





Library Search Compound Report

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

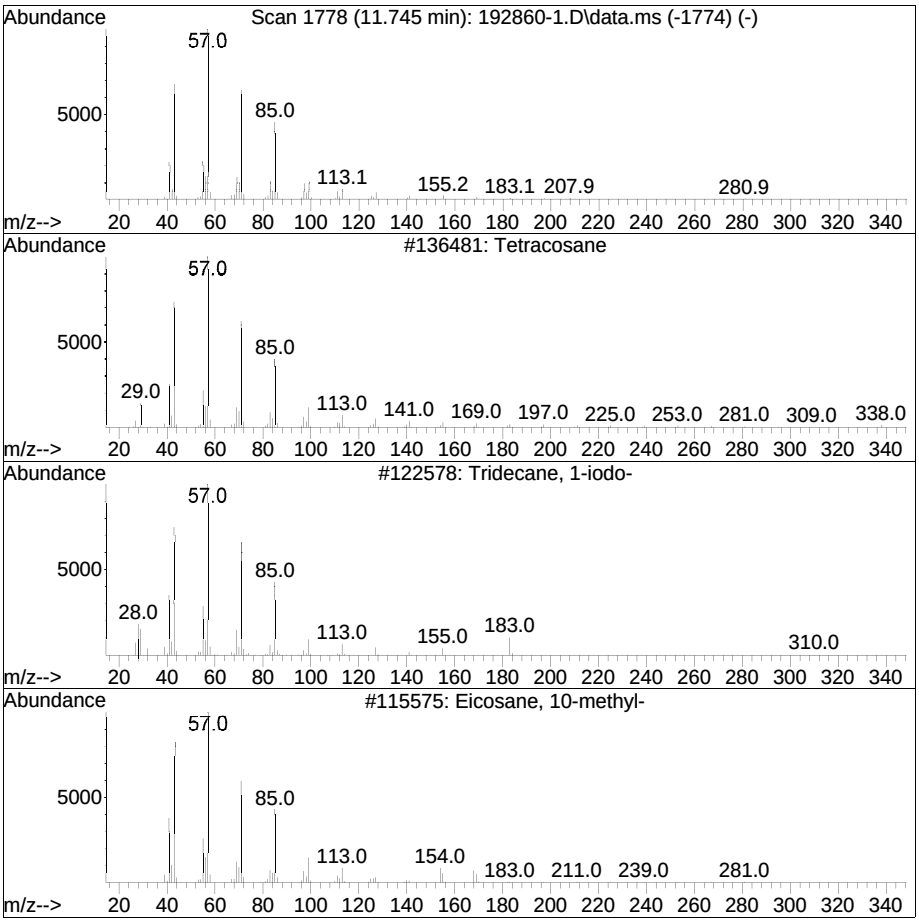
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

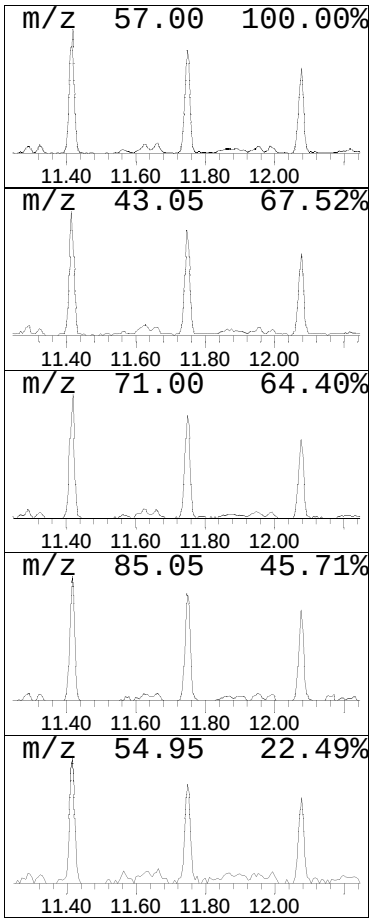
****

Peak Number 4 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.746	0.69 ug/ml	65948	IS1_Perylene-d12	12.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Library Search Compound Report

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

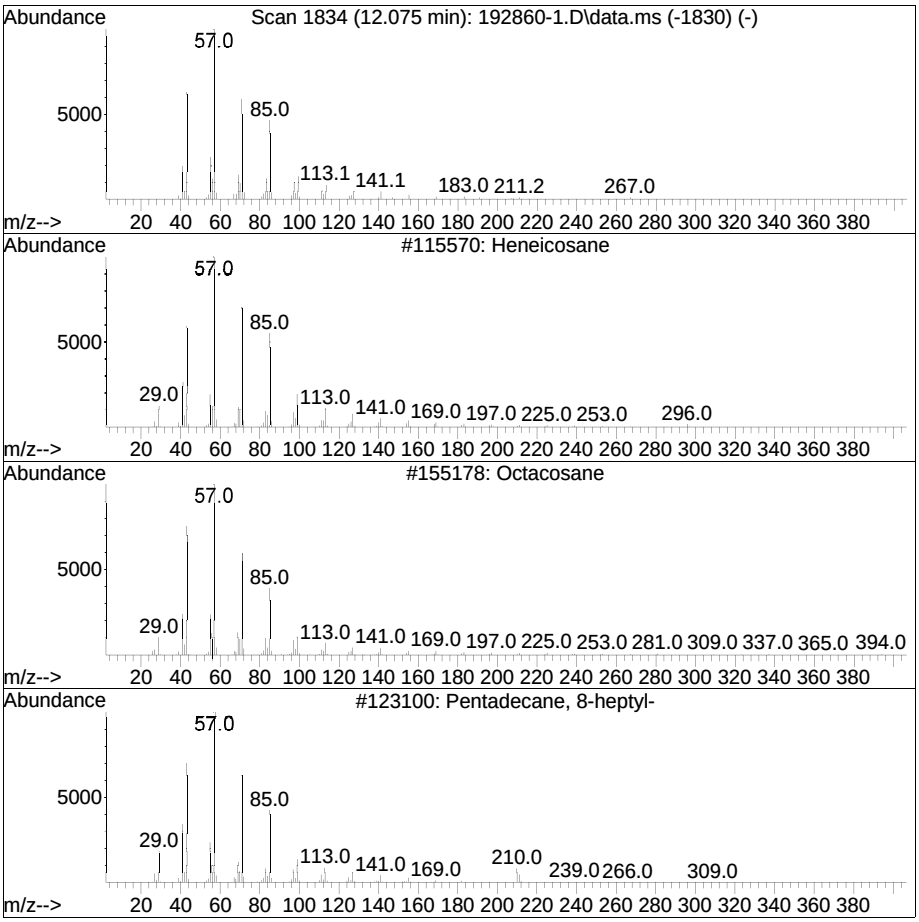
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

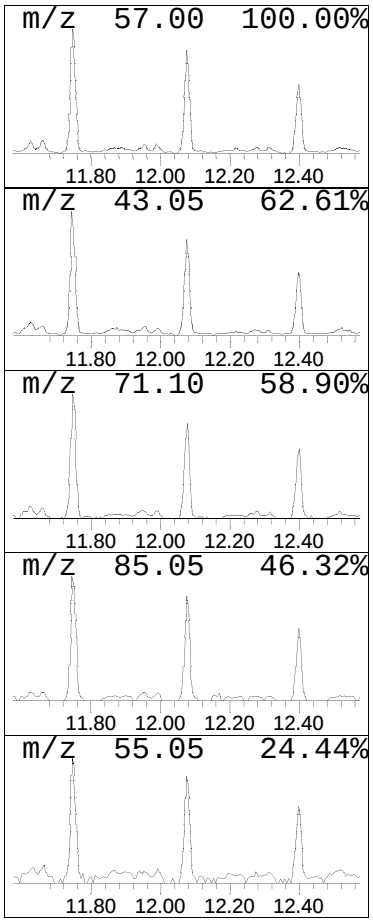
****

Peak Number 5 Unknown Alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	0.55 ug/ml	52577	IS1_Perylene-d12	12.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-1.D
Acq On : 02 Apr 2026 12:22 pm
Operator : SV112:slr
Sample : WG2192860-1,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Alkane	11.075	0.8	ug/ml	83318	12	10.716	396701	4.0
Unknown Alkane	11.416	0.7	ug/ml	72970	12	10.716	396701	4.0
Unknown Alkane	11.746	0.7	ug/ml	65948	13	12.163	381608	4.0
Unknown Alkane	12.075	0.6	ug/ml	52577	13	12.163	381608	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-2.D
Acq On : 02 Apr 2026 12:41 pm
Operator : SV112:slr
Sample : WG2192860-2,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 06:37:55 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	17907	4.000	ug/ml		0.00
Standard Area 1 = 28958			Recovery = 61.84%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	17907	4.000	ug/ml		0.00
Standard Area 3 = 25830			Recovery = 69.33%				
32) IS3_1,4-Dichlorobenzen...	3.828	152	17907	4.000	ug/ml		0.00
Standard Area 2 = 26378			Recovery = 67.89%				
35) IS1_Naphthalene-d8	5.022	136	66955	4.000	ug/ml		0.00
Standard Area 1 = 115513			Recovery = 57.96%				
55) IS2_Naphthalene-d8	5.022	136	66955	4.000	ug/ml		0.00
Standard Area 3 = 101110			Recovery = 66.22%				
63) IS1_Acenaphthene-d10	6.705	164	45235	4.000	ug/ml		0.00
Standard Area 1 = 80394			Recovery = 56.27%				
83) IS2_Acenaphthene-d10	6.705	164	45235	4.000	ug/ml		0.00
Standard Area 3 = 67555			Recovery = 66.96%				
86) IS3_Acenaphthene-d10	6.705	164	45235	4.000	ug/ml		0.00
Standard Area 2 = 63794			Recovery = 70.91%				
88) IS1_Phenanthrene-d10	8.122	188	102803	4.000	ug/ml	#	0.00
Standard Area 1 = 186472			Recovery = 55.13%				
100) IS3_Phenanthrene-d10	8.122	188	102803	4.000	ug/ml	#	0.00
Standard Area 2 = 153098			Recovery = 67.15%				
104) IS1_Chrysene-d12	10.716	240	123728	4.000	ug/ml	#	0.00
Standard Area 1 = 209893			Recovery = 58.95%				
113) IS1_Perylene-d12	12.163	264	146426	4.000	ug/ml		0.00
Standard Area 1 = 240171			Recovery = 60.97%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	5561	1.246	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 62.30%				
7) Phenol-d6	3.534	99	4549	0.764	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 38.20%				
19) Nitrobenzene-d5	4.346	82	4434	0.867	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 86.70%				
46) 2-Fluorobiphenyl	6.081	172	11917	0.784	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 78.40%				
79) 2,4,6-Tribromophenol	7.463	330	4648	1.617	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 80.85%				

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-2.D
Acq On : 02 Apr 2026 12:41 pm
Operator : SV112:slr
Sample : WG2192860-2,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 06:37:55 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.693	244	23560	0.883	ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 88.30%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.640	128	8410	1.591	ug/ml	98
8) Phenol	3.546	94	6155	0.899	ug/ml#	34
9) Bis(2-chloroethyl)ether	3.599	93	8124	1.612	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.105	45	12581	1.677	ug/ml#	74
15) 2-Methylphenol	4.105	108	7416	1.597	ug/ml	96
17) n-Nitrosodi-n-propylamine	4.228	70	6284	1.569	ug/ml#	87
18) 3-Methylphenol/4-Methy...	4.252	108	7682	1.544	ug/ml	96
20) Nitrobenzene	4.364	77	9353	1.783	ug/ml	95
21) Isophorone	4.599	82	16950	1.486	ug/ml	100
22) 2-Nitrophenol	4.669	139	4593	2.007	ug/ml	97
23) 2,4-Dimethylphenol	4.752	107	9019	1.644	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.828	93	10993	1.557	ug/ml	99
25) 2,4-Dichlorophenol	4.911	162	9003	1.736	ug/ml	96
28) Benzaldehyde	3.422	105	7240	1.630	ug/ml	99
29) Acetophenone	4.211	105	12981	1.674	ug/ml	95
38) 4-Chloroaniline	5.111	65	2888M3	1.350	ug/ml	
40) p-Chloro-m-cresol	5.616	107	8668	1.801	ug/ml	96
43) Hexachlorocyclopentadiene	5.881	237	6635	1.443	ug/ml	97
44) 2,4,6-Trichlorophenol	5.999	196	7693	1.766	ug/ml	100
45) 2,4,5-Trichlorophenol	6.034	196	8585	1.841	ug/ml	95
48) 2-Nitroaniline	6.287	138	6287	2.054	ug/ml	97
51) Dimethyl phthalate	6.487	163	26168	1.596	ug/ml	100
53) 2,6-Dinitrotoluene	6.528	165	4980	1.784	ug/ml	95
60) Caprolactam	5.405	55	1636	0.631	ug/ml	92
61) 1,2,4,5-Tetrachloroben...	5.881	216	11162	1.576	ug/ml	97
62) Biphenyl	6.169	154	25166	1.651	ug/ml	97
64) 3-Nitroaniline	6.681	138	5650	1.829	ug/ml	100
66) 2,4-Dinitrophenol	6.781	184	2171	1.472	ug/ml#	80
67) Dibenzofuran	6.905	168	33101	1.633	ug/ml	91
68) 2,4-Dinitrotoluene	6.910	165	7266	1.866	ug/ml	89
69) 4-Nitrophenol	6.887	65	4092	1.747	ug/ml#	1
71) 2,3,4,6-Tetrachlorophenol	7.040	232	8255	1.951	ug/ml	98
72) Diethyl phthalate	7.175	149	26460	1.550	ug/ml	96

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-2.D
Acq On : 02 Apr 2026 12:41 pm
Operator : SV112:slr
Sample : WG2192860-2,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 06:37:55 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	7.258	204	13434	1.591	ug/ml#	83
75)	4-Nitroaniline	7.263	138	6389	2.052	ug/ml	97
76)	4,6-Dinitro-o-cresol	7.299	198	4275	2.056	ug/ml#	79
77)	NDPA/DPA	7.369	169	22587	1.598	ug/ml	97
80)	4-Bromophenyl phenyl e...	7.722	248	9013	1.579	ug/ml#	82
87)	Atrazine	7.910	200	9492	1.806	ug/ml	98
91)	Carbazole	8.363	167	44619	1.811	ug/ml	99
92)	Di-n-butylphthalate	8.763	149	47106	1.725	ug/ml	99
97)	Butyl benzyl phthalate	10.216	149	22657	2.088	ug/ml#	95
106)	3,3'-Dichlorobenzidine	10.716	252	25294	1.706	ug/ml#	95
108)	Bis(2-ethylhexyl)phtha...	10.851	149	36757	2.001	ug/ml	99
109)	Di-n-octylphthalate	11.516	149	64100	2.091	ug/ml	100

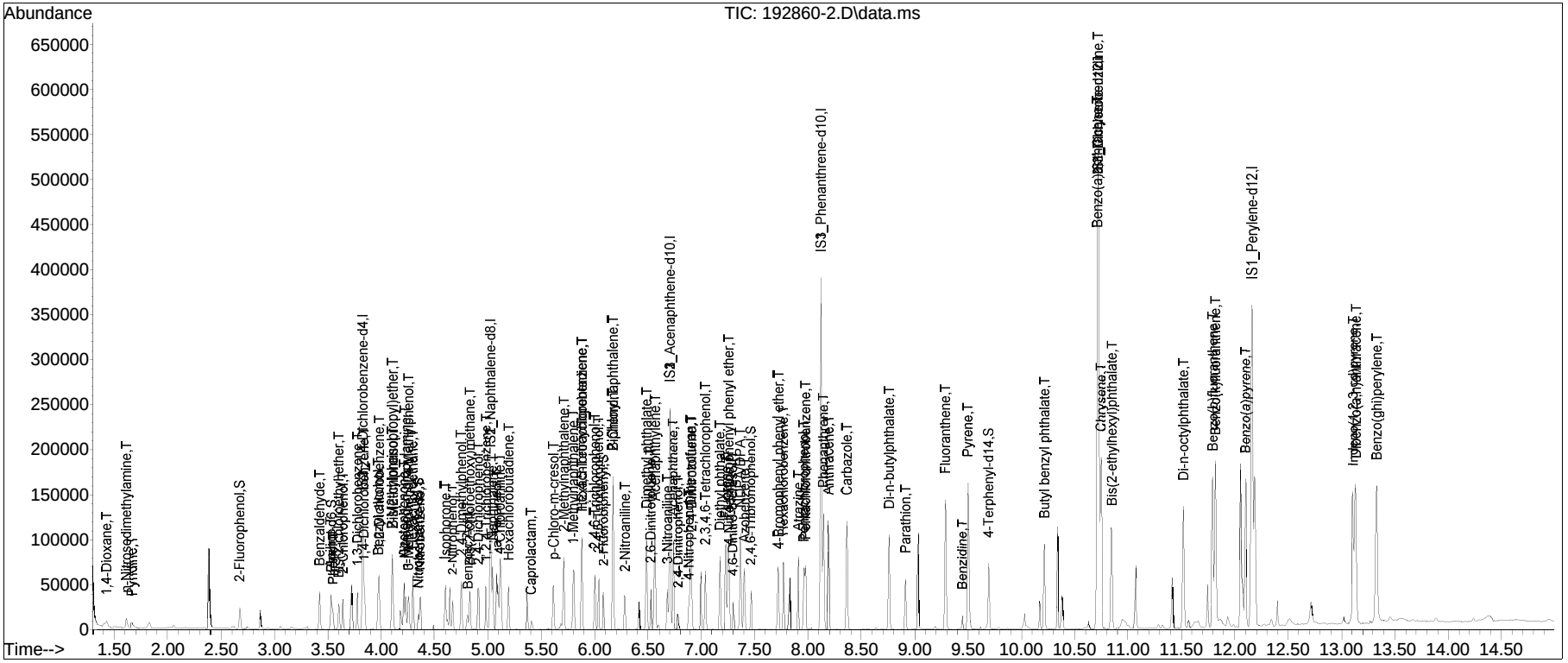
(#) = qualifier out of range (m) = manual integration (+) = signals summed

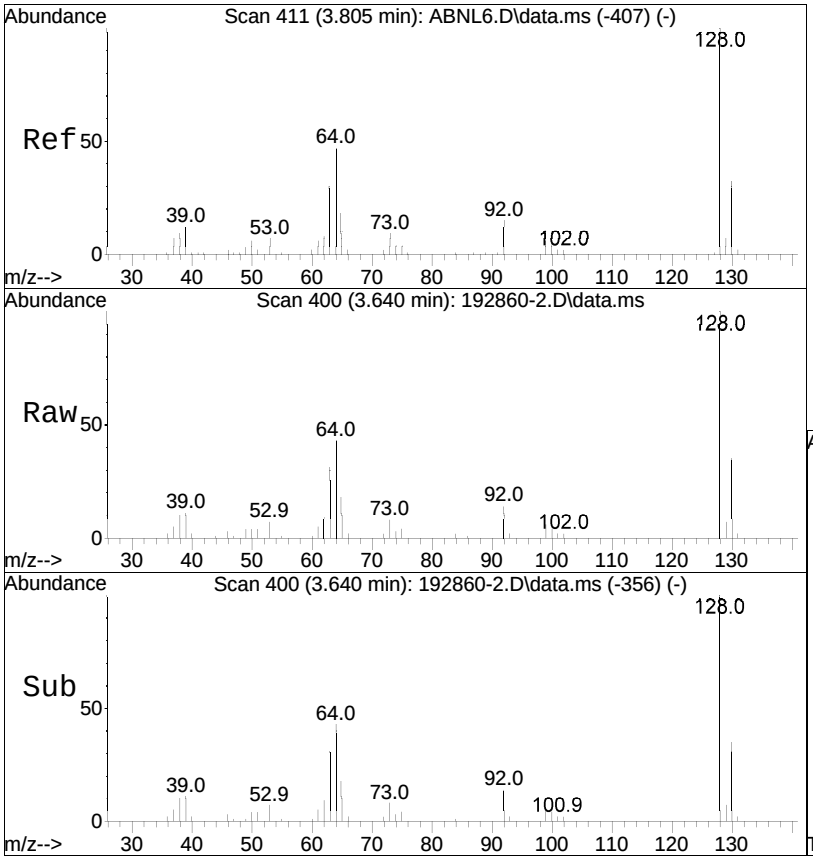
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-2.D
Acq On : 02 Apr 2026 12:41 pm
Operator : SV112:slr
Sample : WG2192860-2,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 06:37:55 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MARVT\AP90402.D•

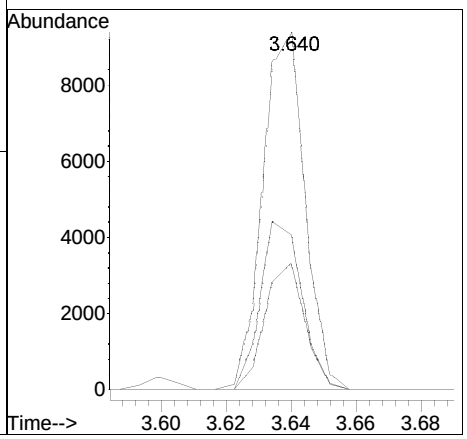


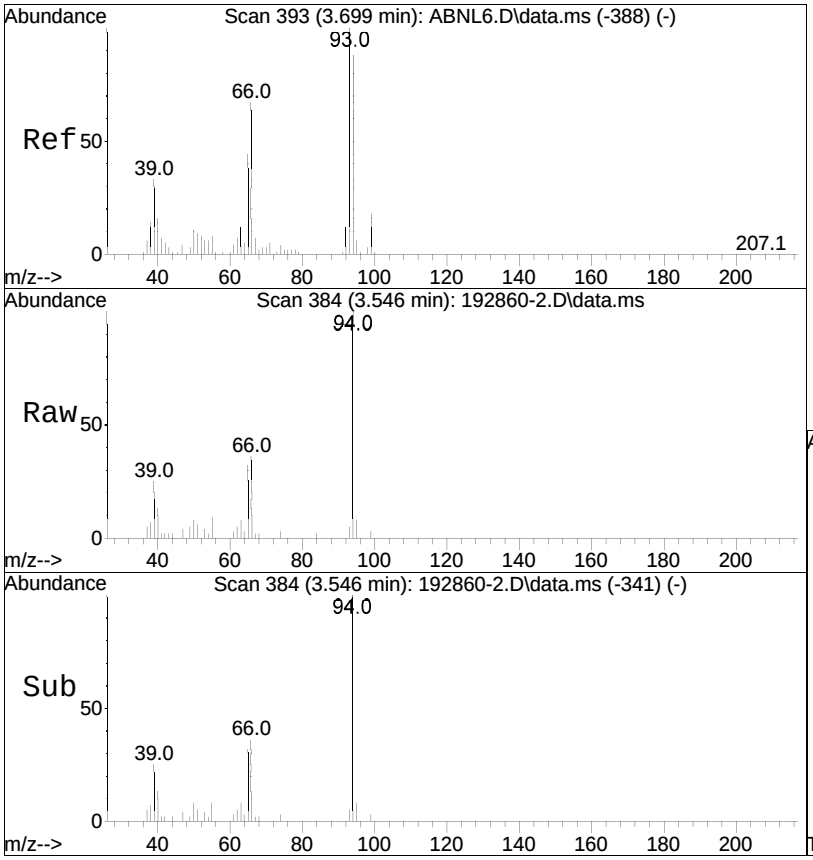


#6
2-Chlorophenol
Concen: 1.59 ug/ml
RT: 3.640 min Scan# 400
Delta R.T. 0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:128 Resp: 8410

Ion	Ratio	Lower	Upper
128	100		
64	46.4	38.2	57.4
130	33.7	26.2	39.2

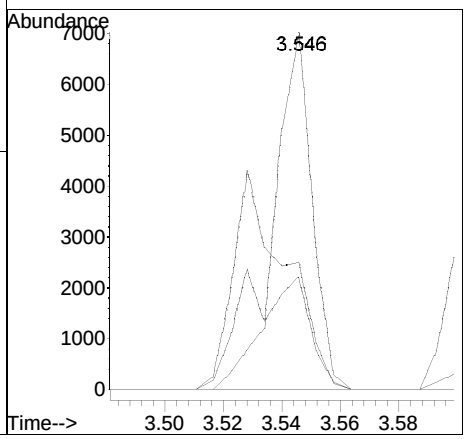


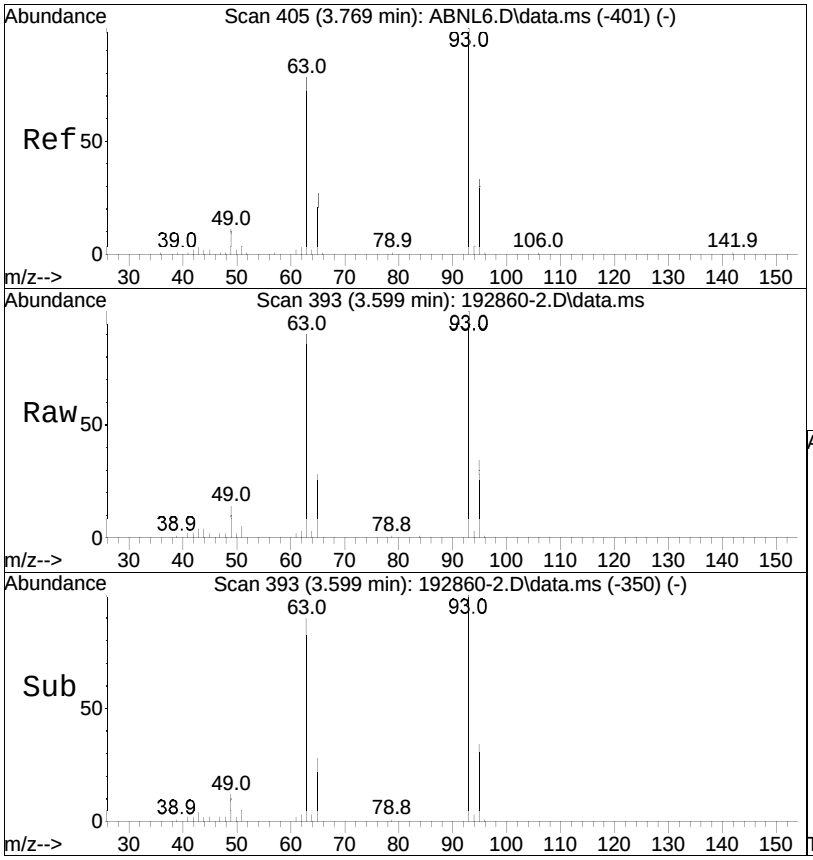


#8
Phenol
Concen: 0.90 ug/ml
RT: 3.546 min Scan# 384
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 94 Resp: 6155

Ion	Ratio	Lower	Upper
94	100		
65	56.7	23.0	34.6#
66	87.1	32.1	48.1#

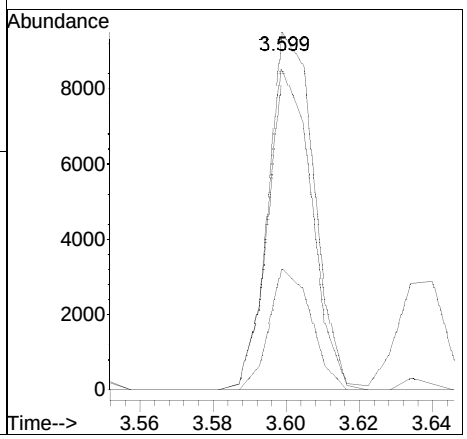


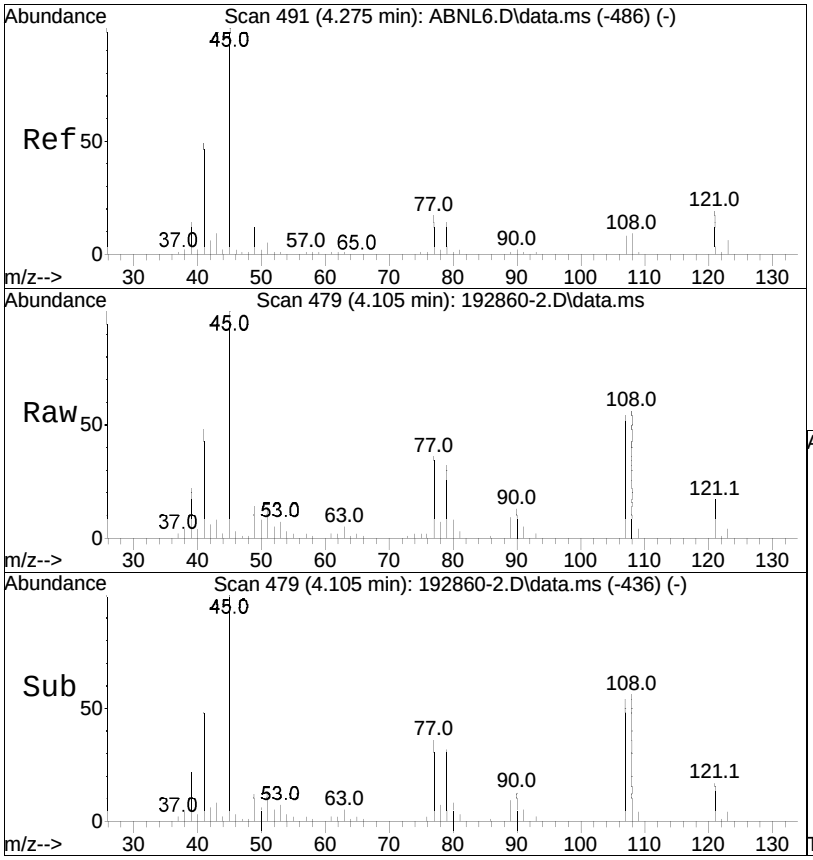


#9
Bis(2-chloroethyl)ether
Concen: 1.61 ug/ml
RT: 3.599 min Scan# 393
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 93 Resp: 8124

Ion	Ratio	Lower	Upper
93	100		
63	87.0	67.0	100.4
95	31.4	26.1	39.1

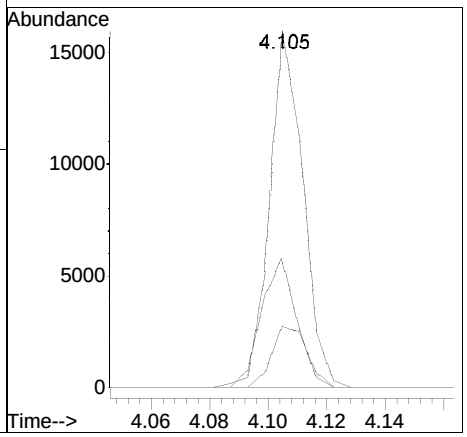


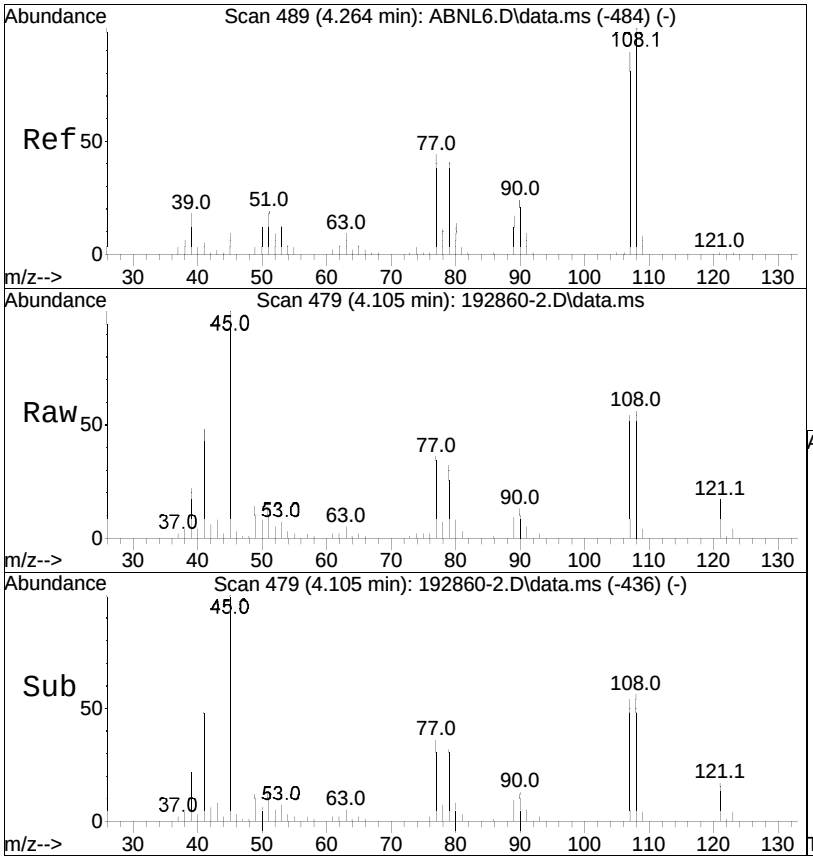


#14
Bis(2-chloroisopropyl)ether
Concen: 1.68 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 45 Resp: 12581

Ion	Ratio	Lower	Upper
45	100		
121	18.4	14.8	22.2
77	38.4	10.5	15.7#

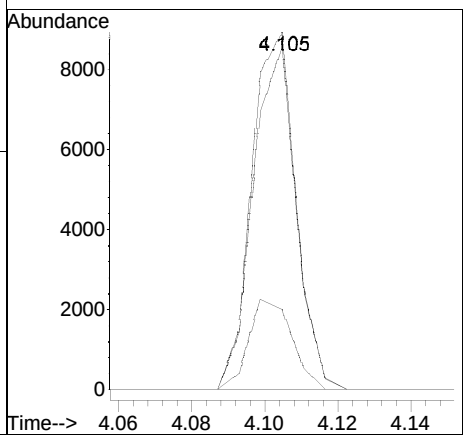


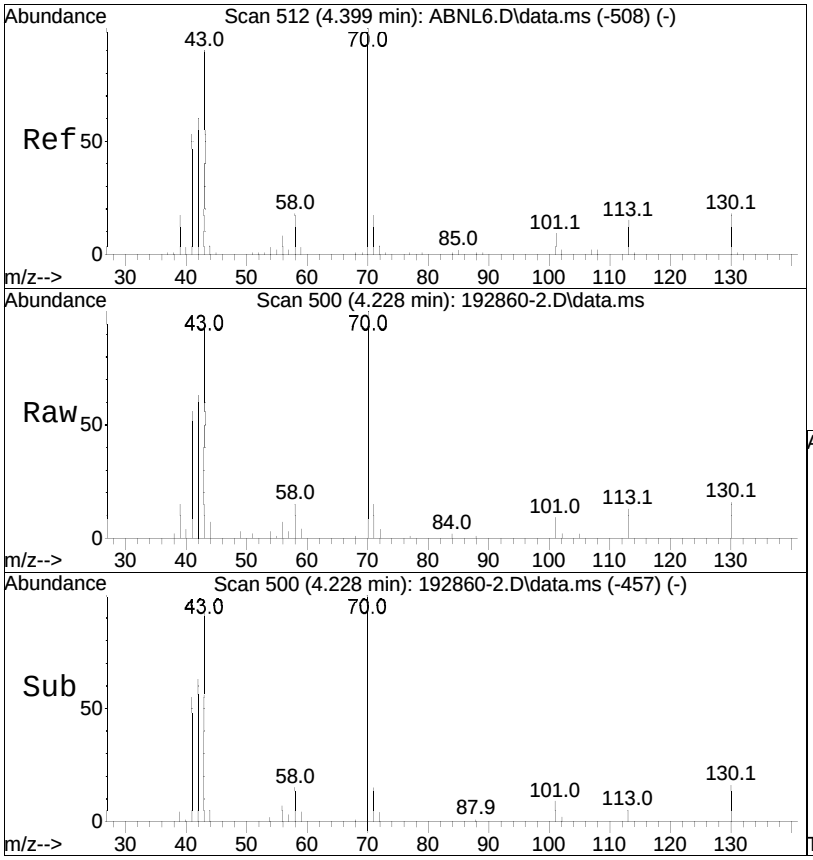


#15
2-Methylphenol
Concen: 1.60 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:108 Resp: 7416

Ion	Ratio	Lower	Upper
108	100		
107	93.9	71.0	106.4
90	24.9	19.7	29.5

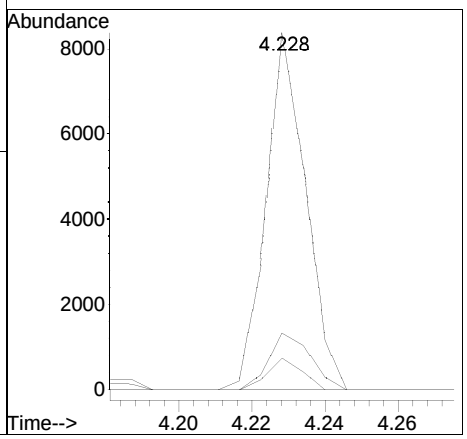


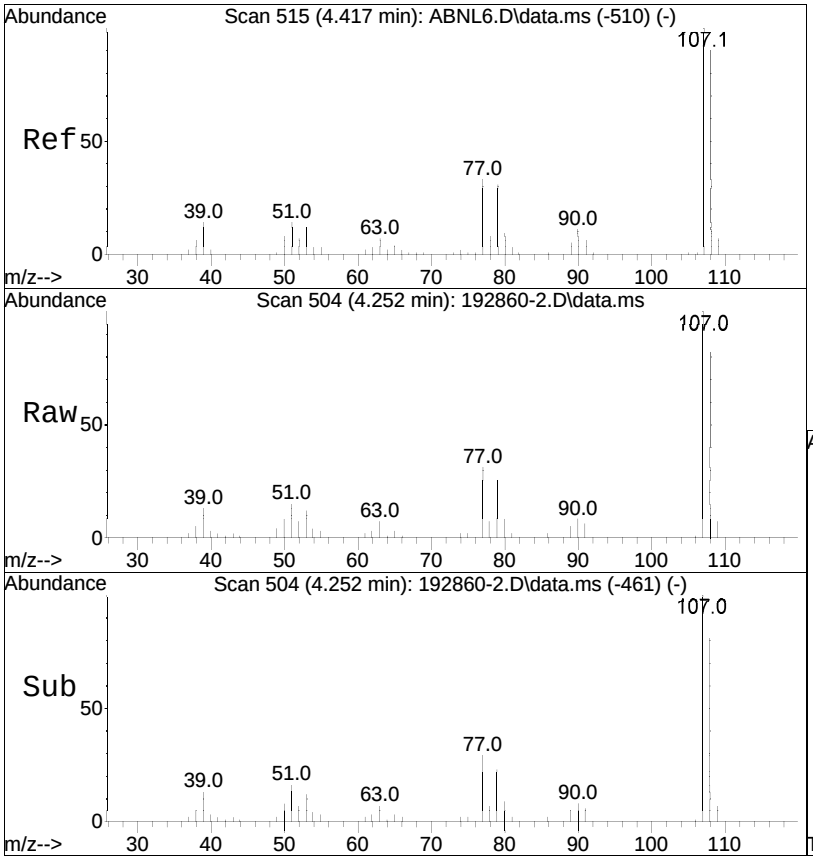


#17
n-Nitrosodi-n-propylamine
Concen: 1.57 ug/ml
RT: 4.228 min Scan# 500
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 70 Resp: 6284

Ion	Ratio	Lower	Upper
70	100		
130	16.8	16.2	24.4
101	0.0	7.6	11.4#

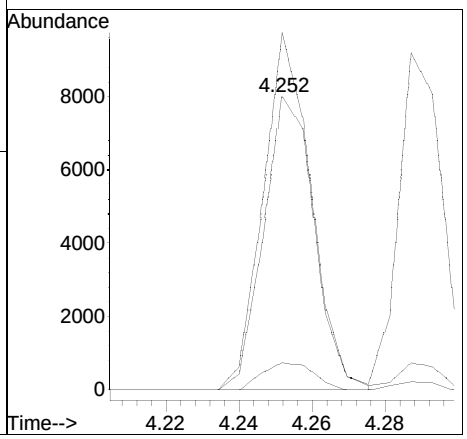


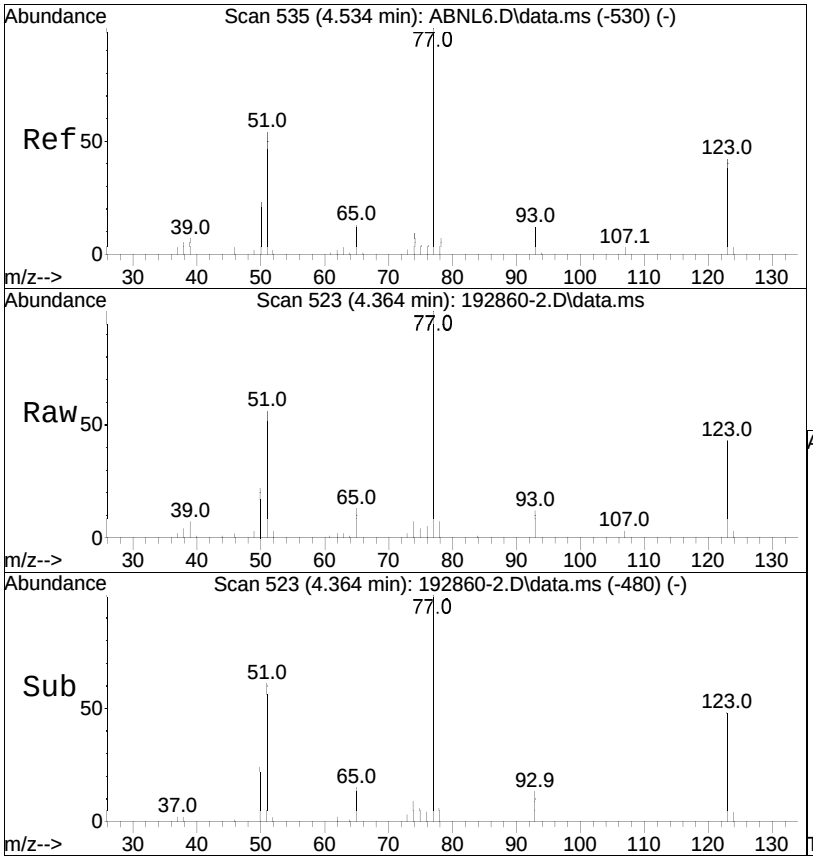


#18
3-Methylphenol/4-Methylphenol
Concen: 1.54 ug/ml
RT: 4.252 min Scan# 504
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:108 Resp: 7682

Ion	Ratio	Lower	Upper
108	100		
107	115.3	88.8	133.2
90	9.6	9.0	13.6

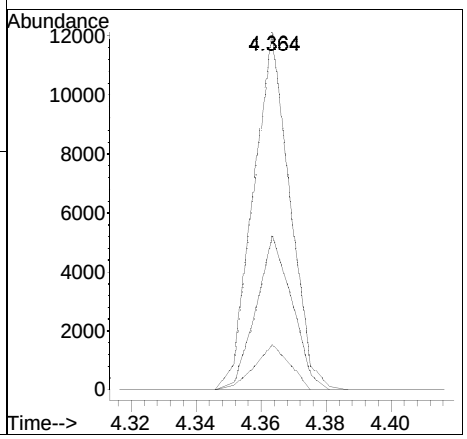


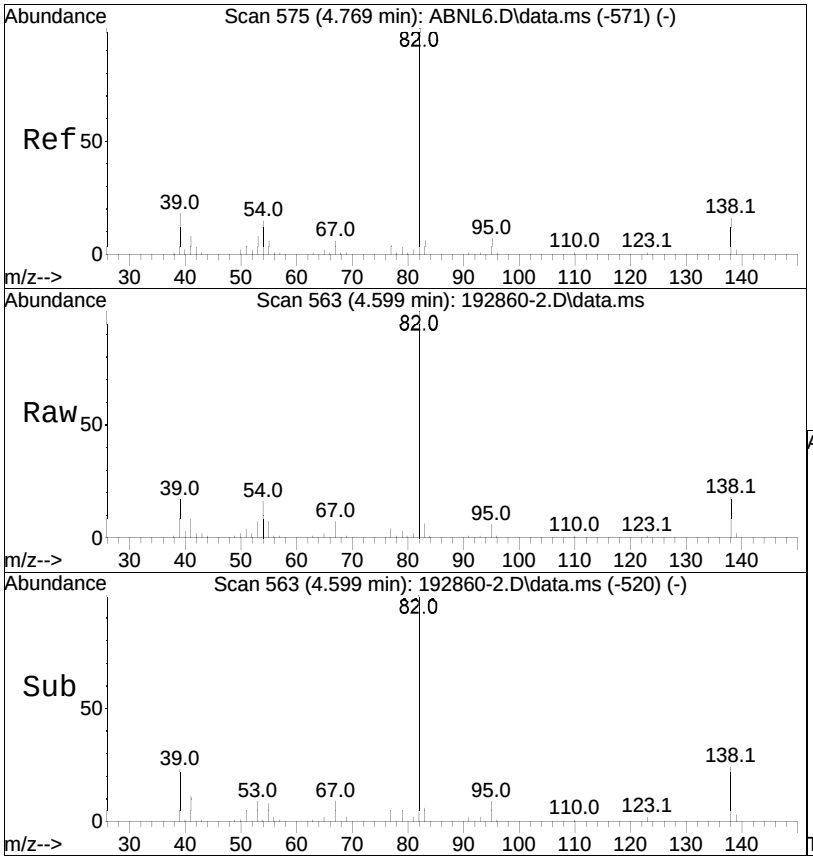


#20
Nitrobenzene
Concen: 1.78 ug/ml
RT: 4.364 min Scan# 523
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 77 Resp: 9353

Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.3	55.9
65	12.3	10.9	16.3

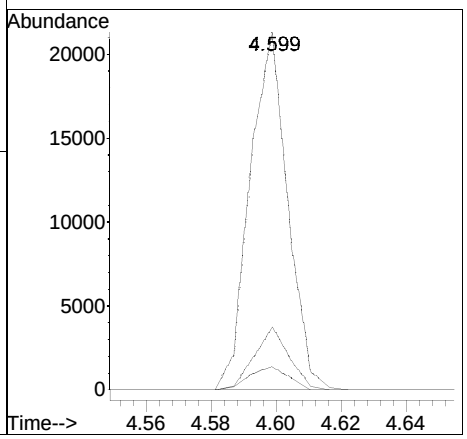


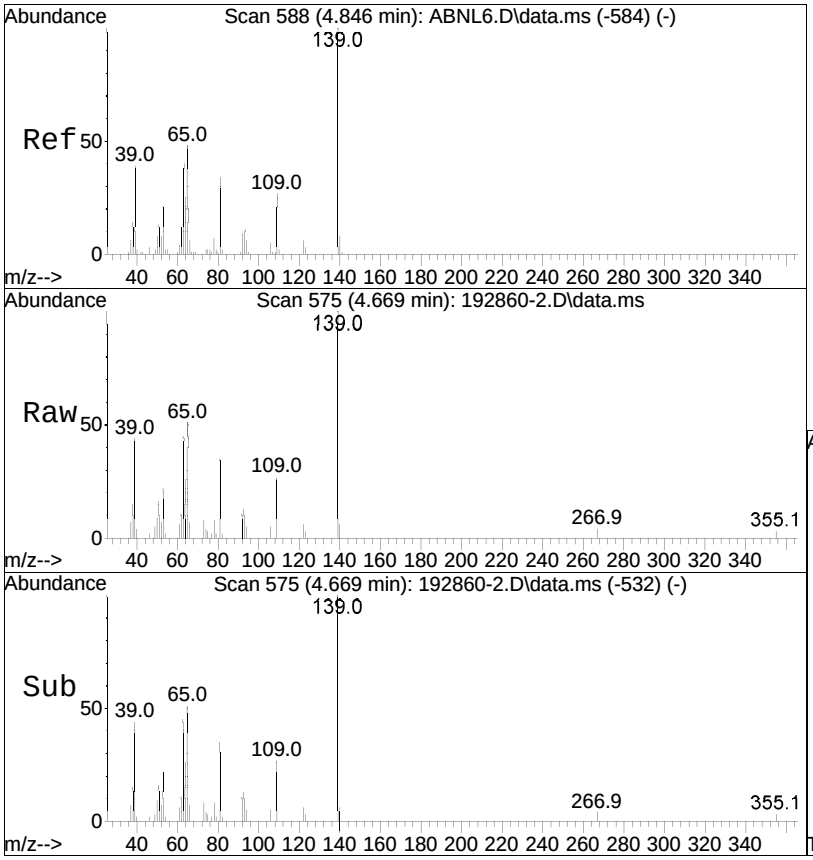


#21
Isophorone
Concen: 1.49 ug/ml
RT: 4.599 min Scan# 563
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 82 Resp: 16950

Ion	Ratio	Lower	Upper
82	100		
138	16.3	13.0	19.4
95	6.8	5.5	8.3

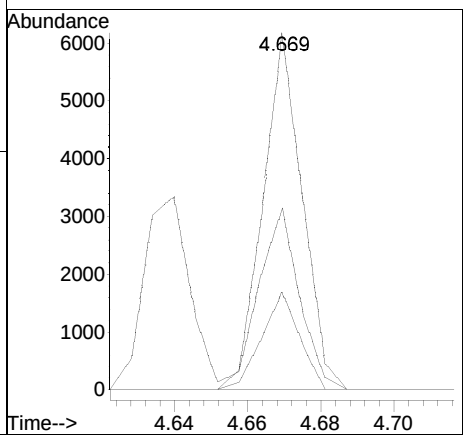


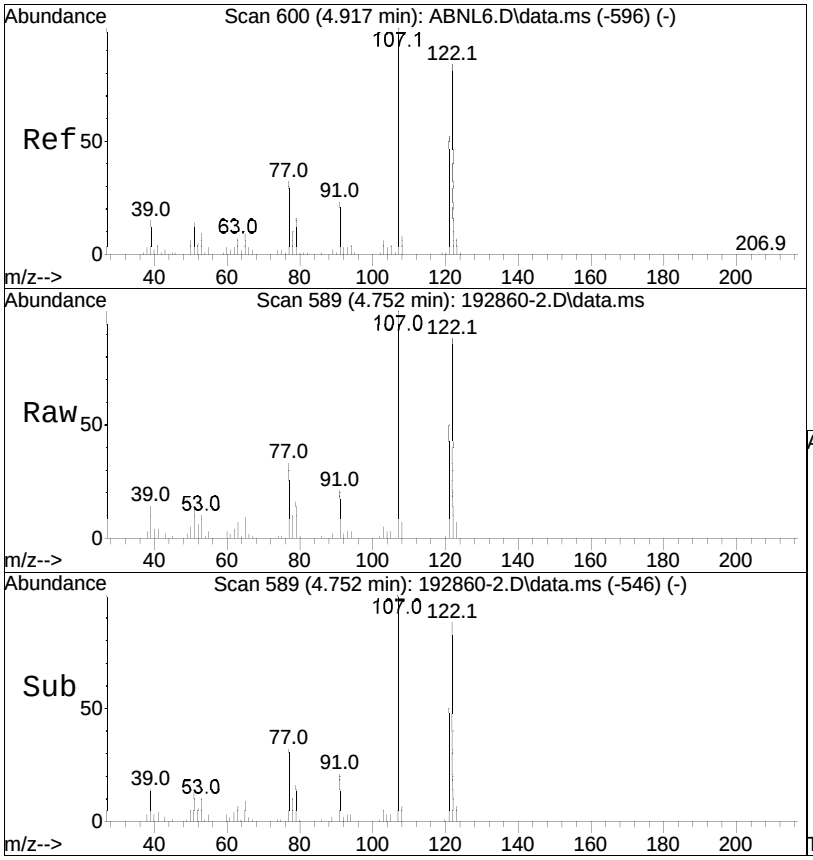


#22
2-Nitrophenol
Concen: 2.01 ug/ml
RT: 4.669 min Scan# 575
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:139 Resp: 4593

Ion	Ratio	Lower	Upper
139	100		
109	26.3	23.1	34.7
65	52.7	41.4	62.2

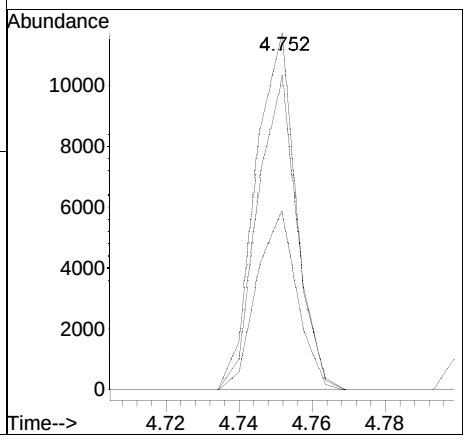


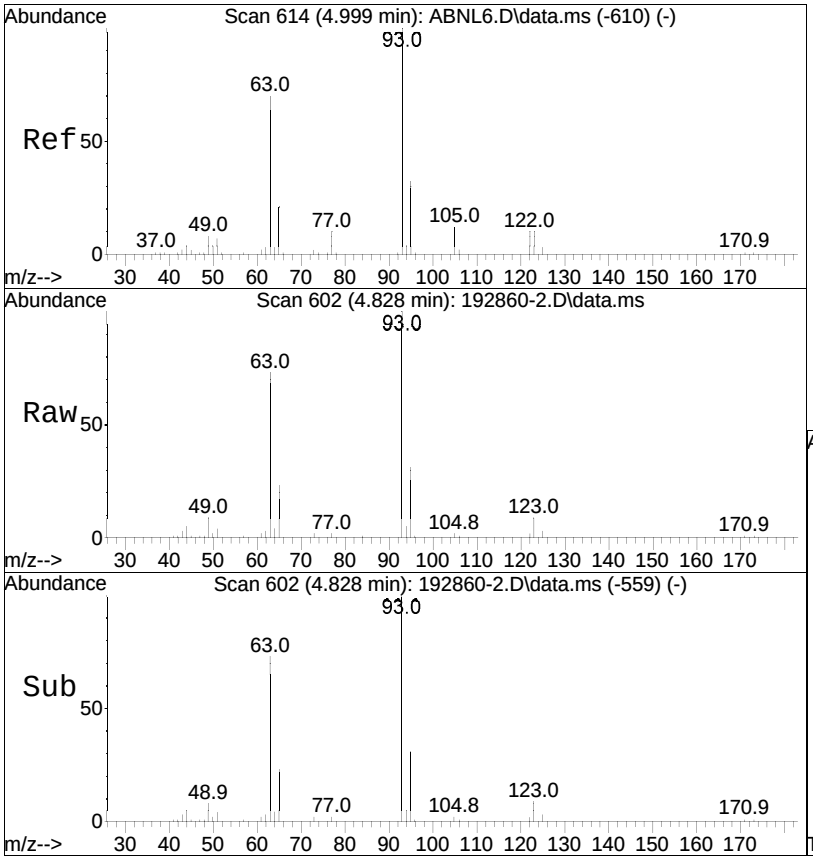


#23
2,4-Dimethylphenol
Concen: 1.64 ug/ml
RT: 4.752 min Scan# 589
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:107 Resp: 9019

Ion	Ratio	Lower	Upper
107	100		
121	50.1	41.3	61.9
122	86.0	69.3	103.9

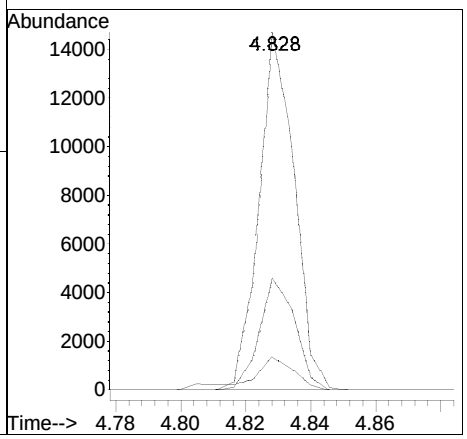


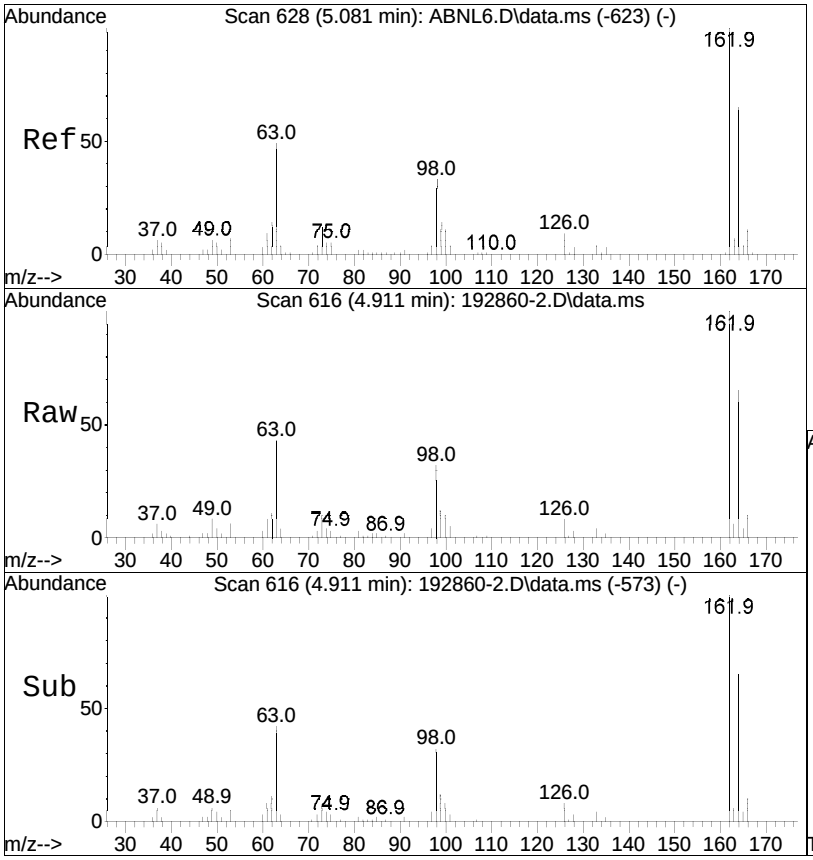


#24
Bis(2-chloroethoxy)methane
Concen: 1.56 ug/ml
RT: 4.828 min Scan# 602
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 93 Resp: 10993

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.8	38.8
123	11.5	9.6	14.4

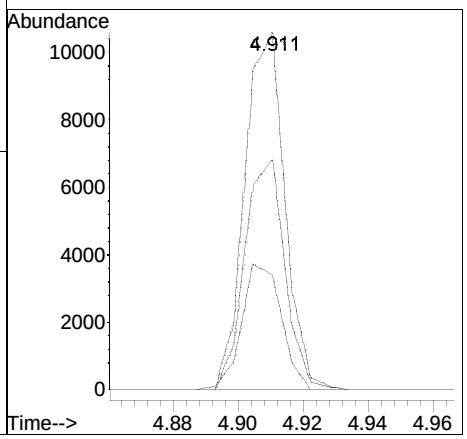


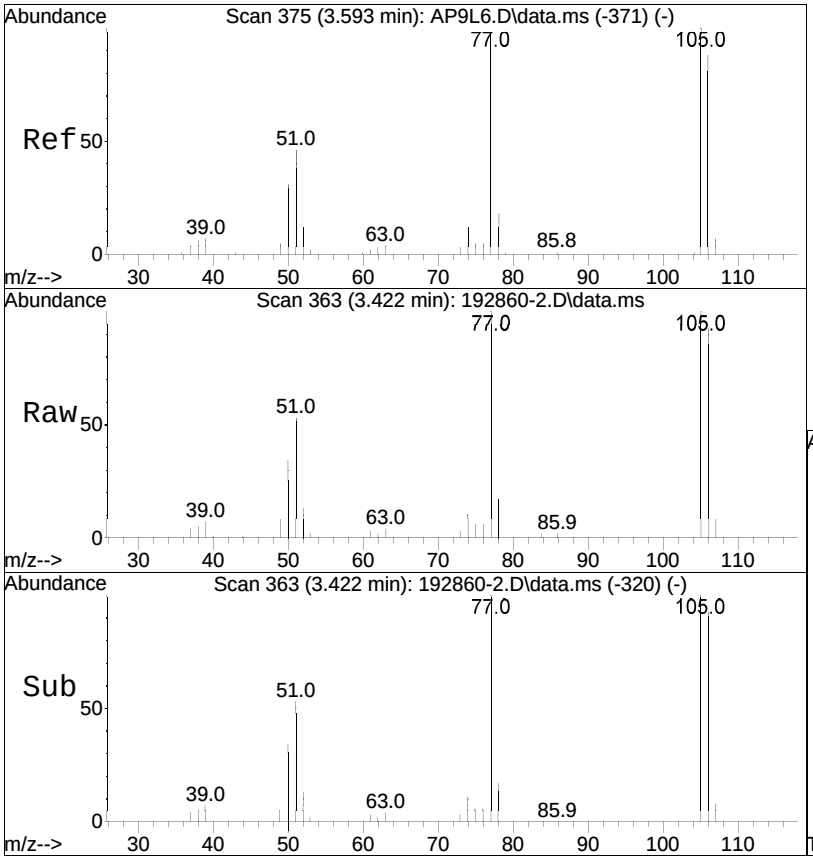


#25
2,4-Dichlorophenol
Concen: 1.74 ug/ml
RT: 4.911 min Scan# 616
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:162 Resp: 9003

Ion	Ratio	Lower	Upper
162	100		
164	64.6	51.1	76.7
98	34.9	32.2	48.2

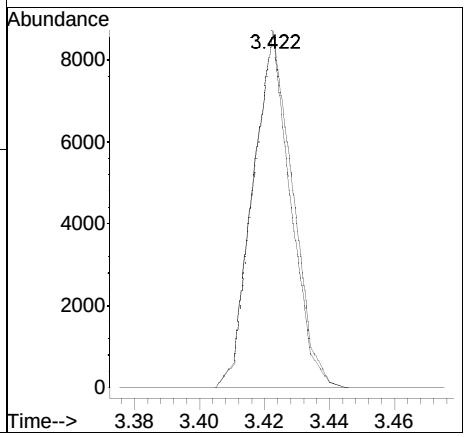


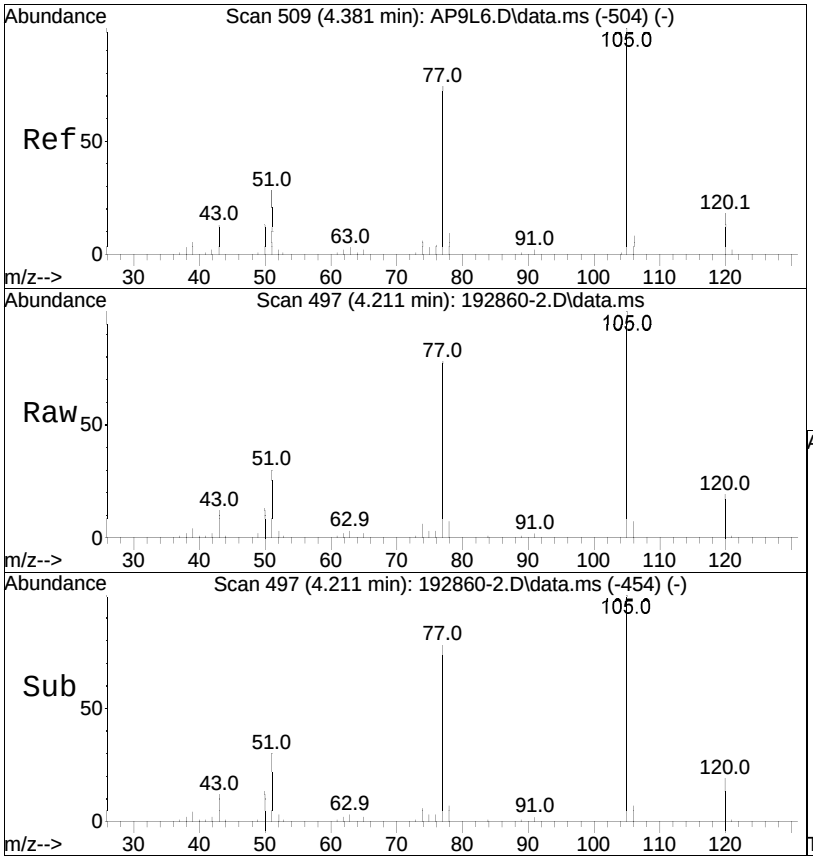


#28
Benzaldehyde
Concen: 1.63 ug/ml
RT: 3.422 min Scan# 363
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:105 Resp: 7240

Ion	Ratio	Lower	Upper
105	100		
77	95.7	77.0	115.6

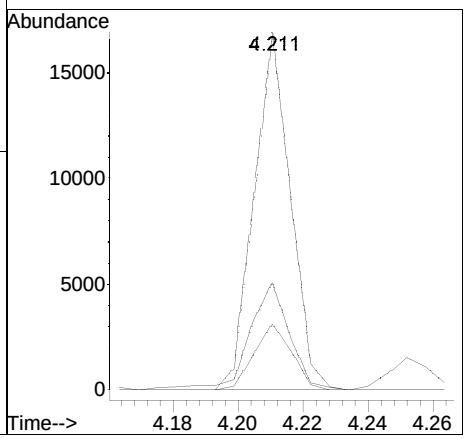


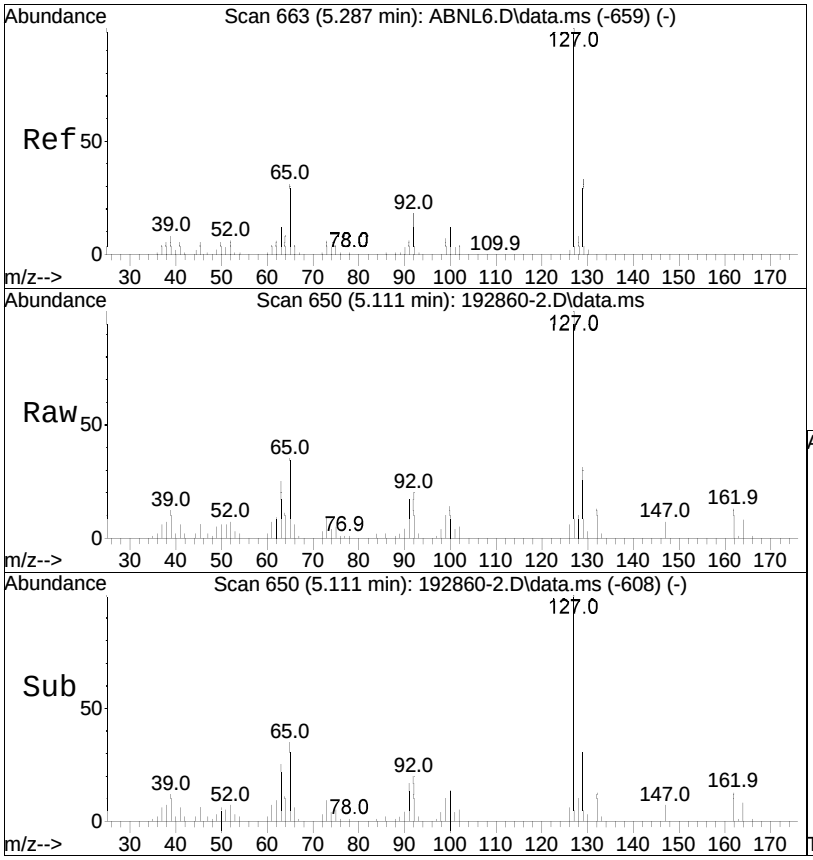


#29
Acetophenone
Concen: 1.67 ug/ml
RT: 4.211 min Scan# 497
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:105 Resp: 12981

Ion	Ratio	Lower	Upper
105	100		
120	19.1	15.2	22.8
51	33.7	23.1	34.7

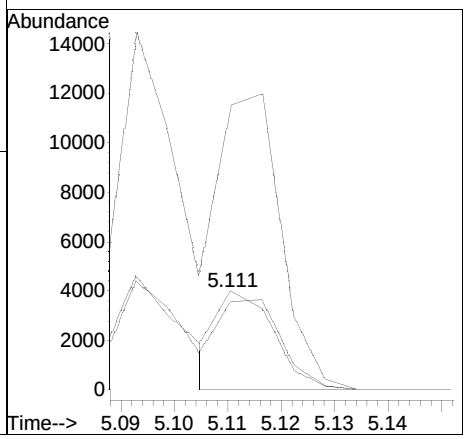


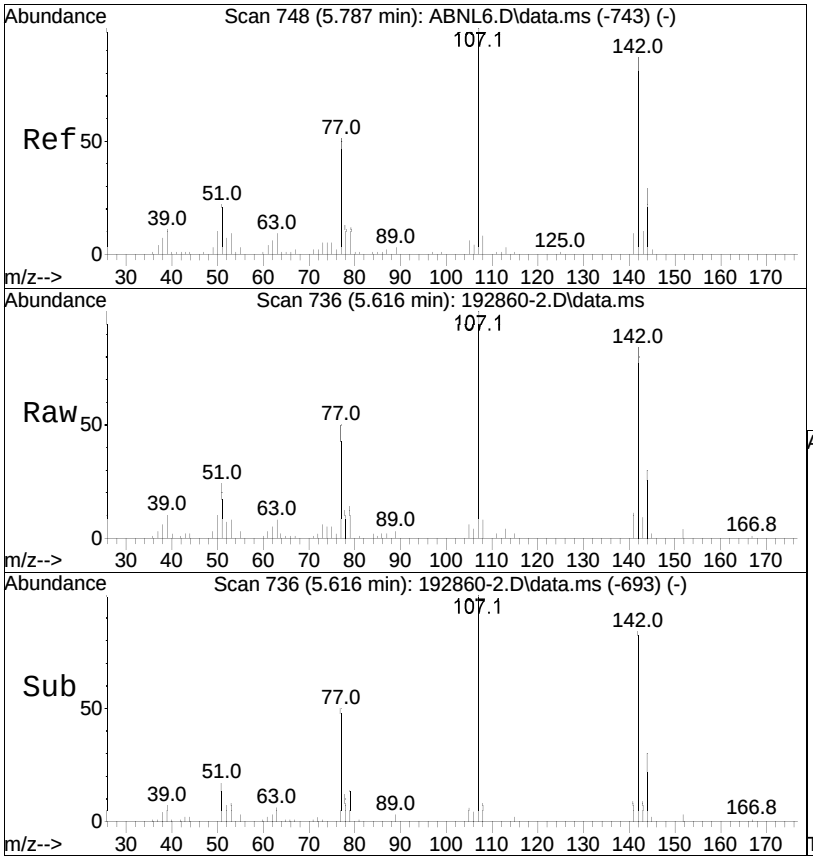


#38
4-Chloroaniline
Concen: 1.35 ug/ml M3
RT: 5.111 min Scan# 650
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 65 Resp: 2888

Ion	Ratio	Lower	Upper
65	100		
127	413.9	266.2	399.4#
129	131.0	85.0	127.4#

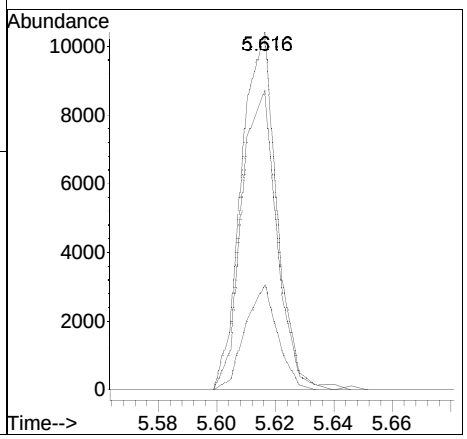


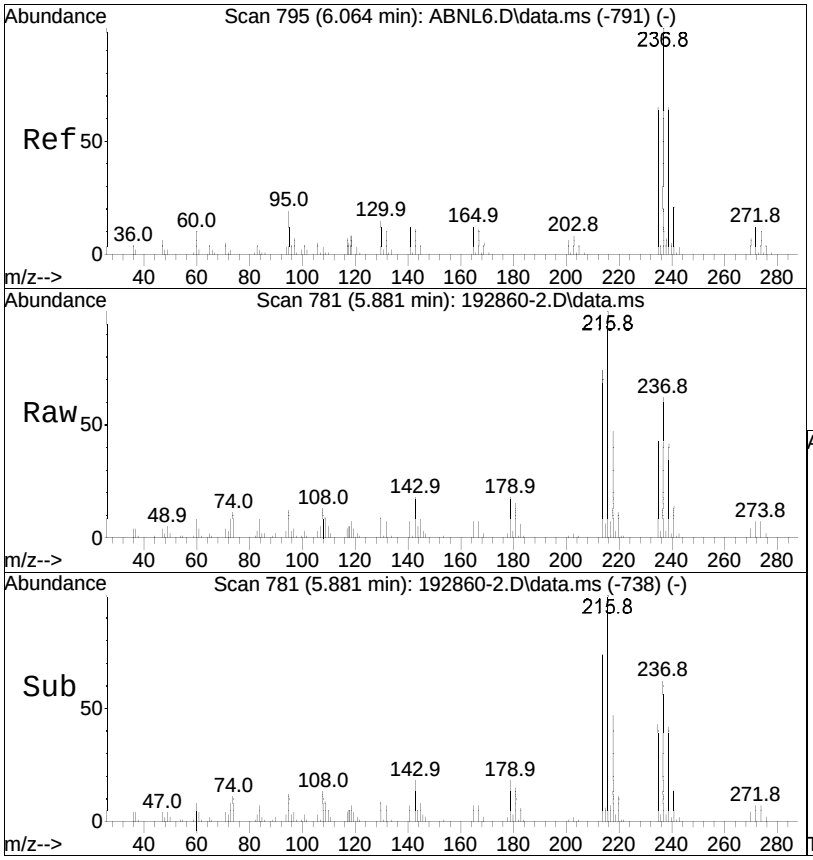


#40
p-Chloro-m-cresol
Concen: 1.80 ug/ml
RT: 5.616 min Scan# 736
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:107 Resp: 8668

Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.3	30.5
142	83.4	63.8	95.6

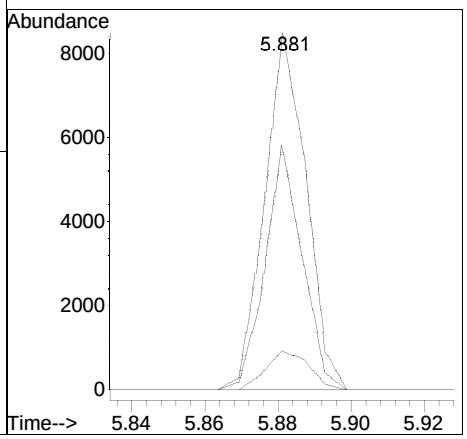


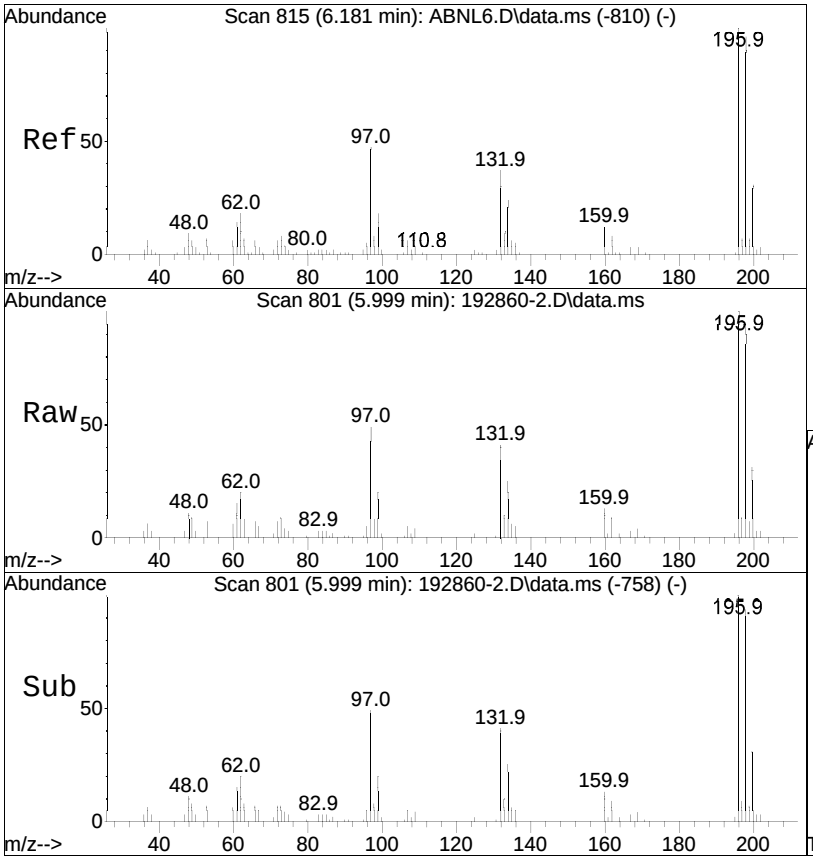


#43
Hexachlorocyclopentadiene
Concen: 1.44 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:237 Resp: 6635

Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.9	76.3
272	11.5	10.1	15.1

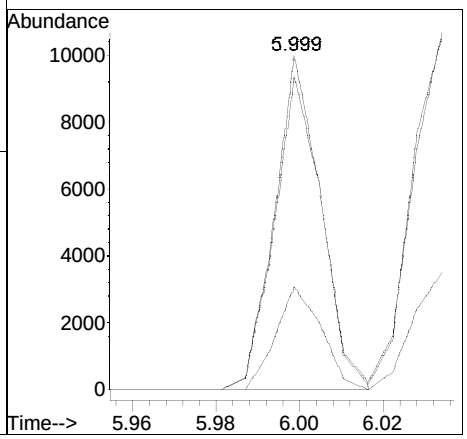


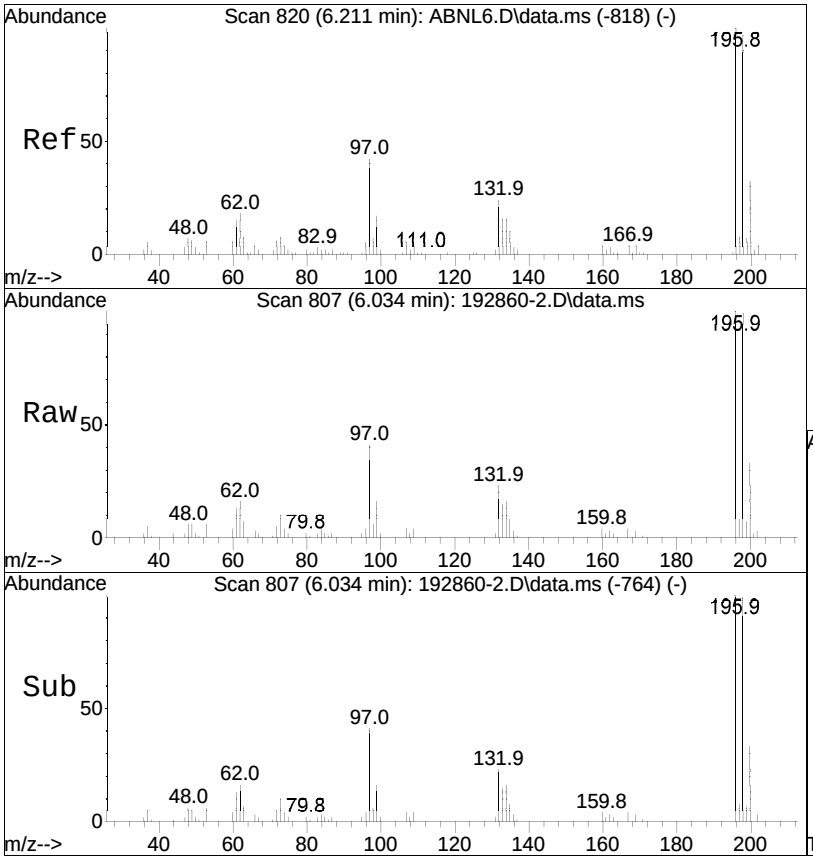


#44
2,4,6-Trichlorophenol
Concen: 1.77 ug/ml
RT: 5.999 min Scan# 801
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:196 Resp: 7693

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.4	114.6
200	30.2	24.4	36.6

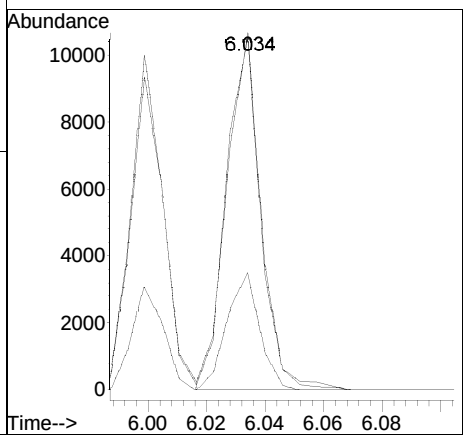


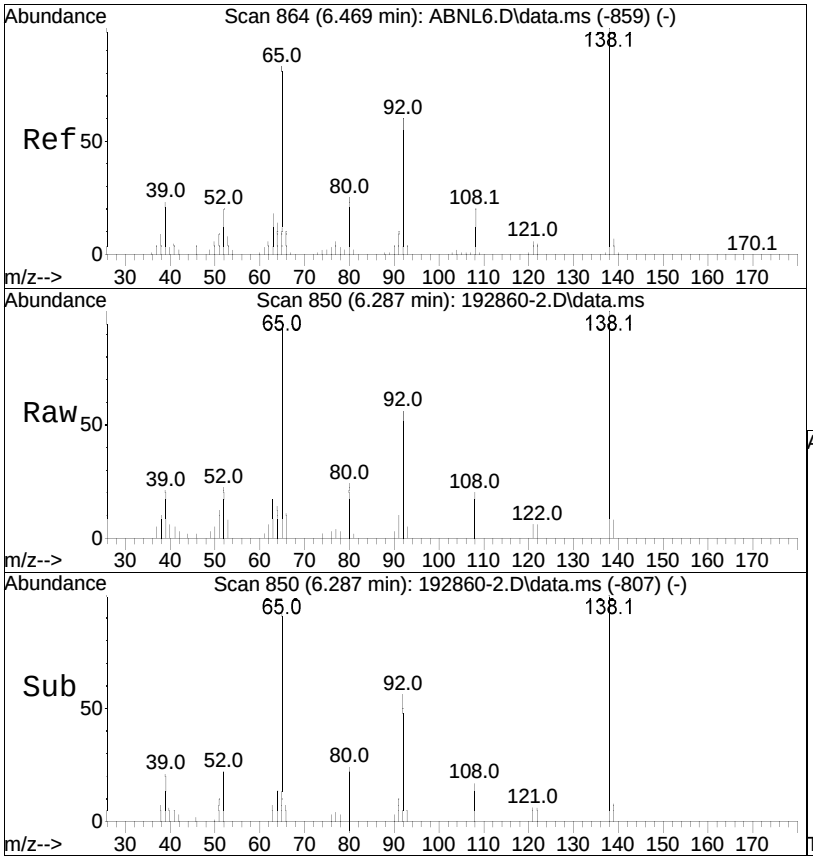


#45
2,4,5-Trichlorophenol
Concen: 1.84 ug/ml
RT: 6.034 min Scan# 807
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:196 Resp: 8585

Ion	Ratio	Lower	Upper
196	100		
200	31.8	24.2	36.4
198	100.5	76.2	114.2

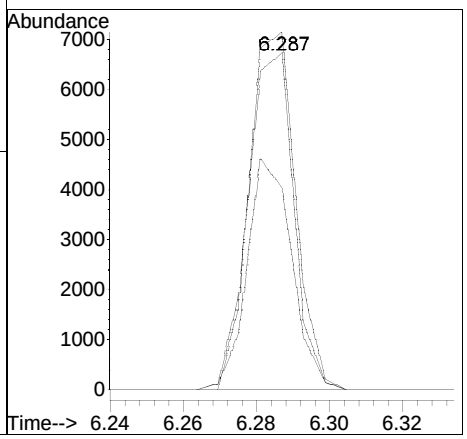


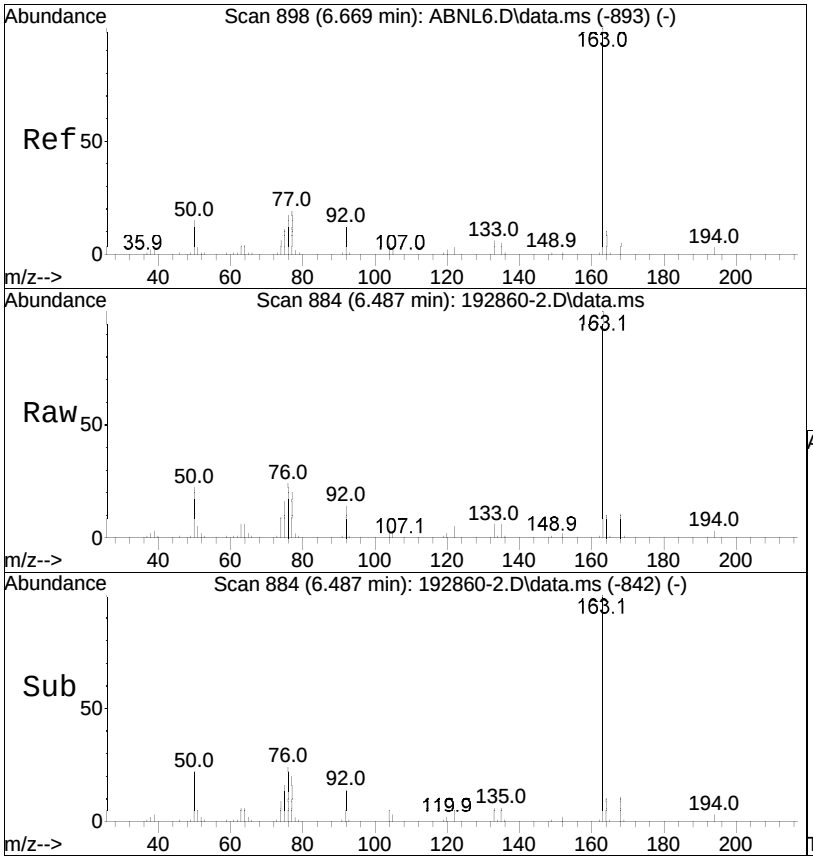


#48
2-Nitroaniline
Concen: 2.05 ug/ml
RT: 6.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:138 Resp: 6287

Ion	Ratio	Lower	Upper
138	100		
92	62.2	52.1	78.1
65	93.0	75.9	113.9

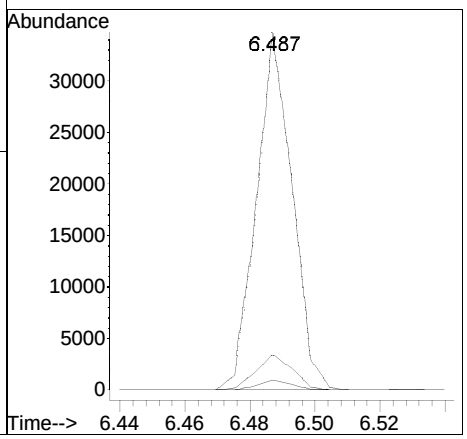


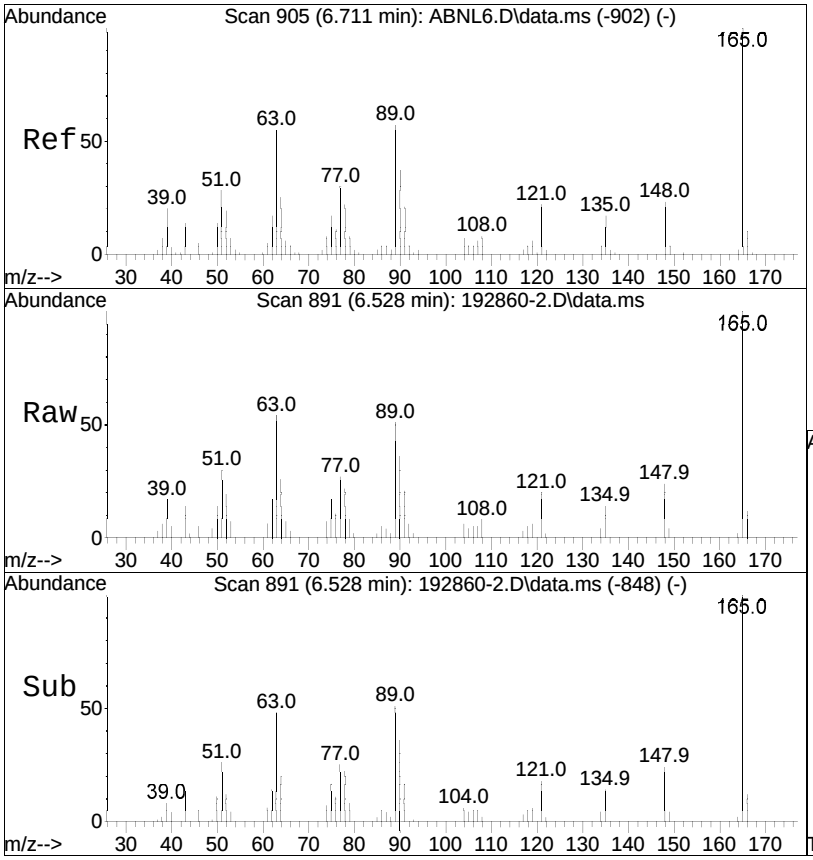


#51
Dimethyl phthalate
Concen: 1.60 ug/ml
RT: 6.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:163 Resp: 26168

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.3	3.5
164	10.3	8.2	12.2

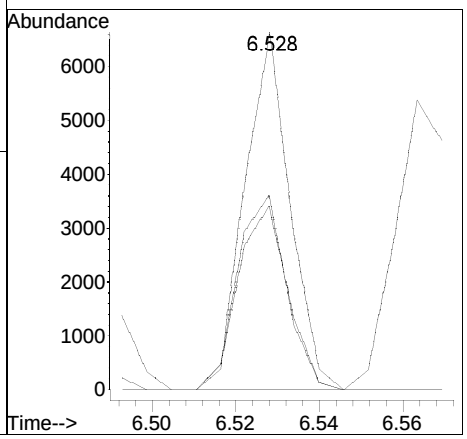


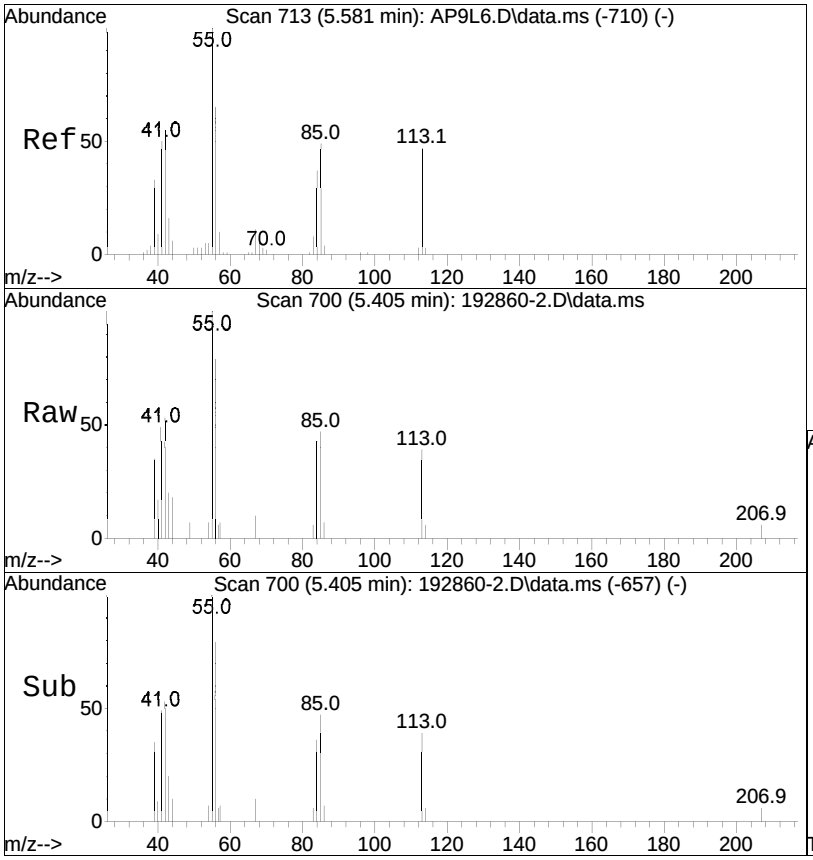


#53
2,6-Dinitrotoluene
Concen: 1.78 ug/ml
RT: 6.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:165 Resp: 4980

Ion	Ratio	Lower	Upper
165	100		
89	56.7	48.8	73.2
63	59.0	50.5	75.7

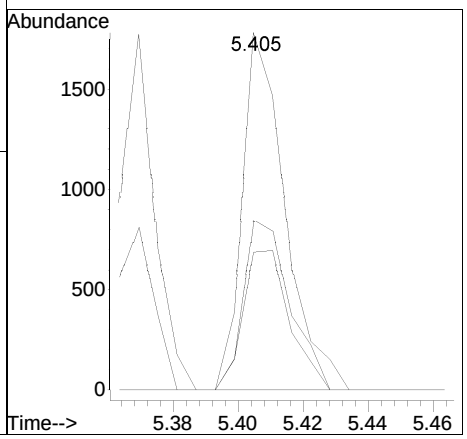


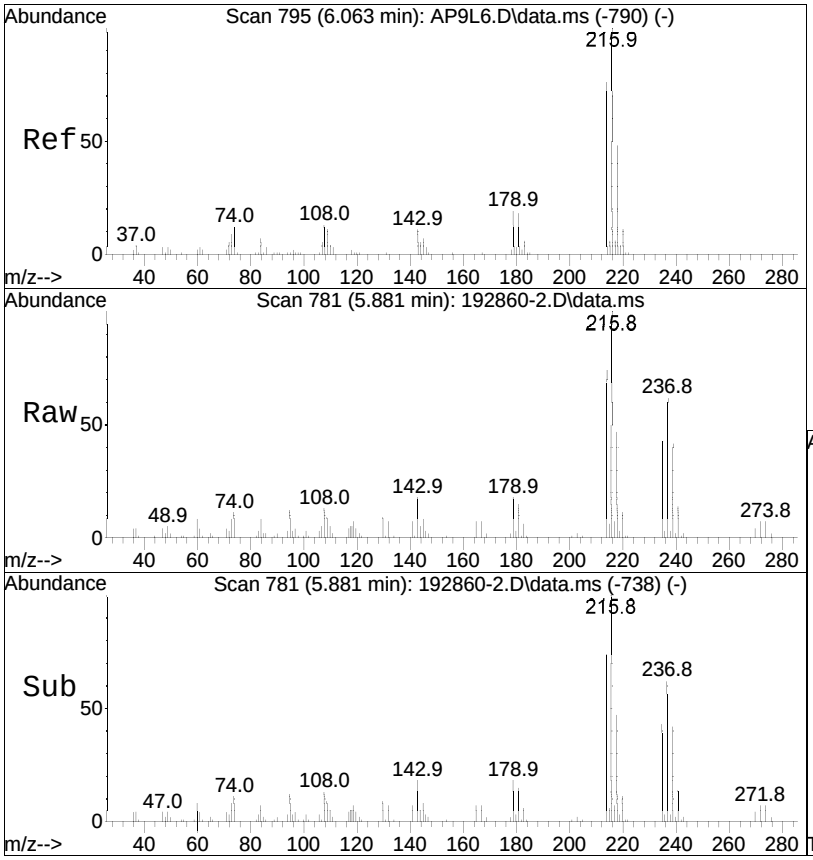


#60
Caprolactam
Concen: 0.63 ug/ml
RT: 5.405 min Scan# 700
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 55 Resp: 1636

Ion	Ratio	Lower	Upper
55	100		
85	51.3	35.2	52.8
113	42.2	36.6	55.0

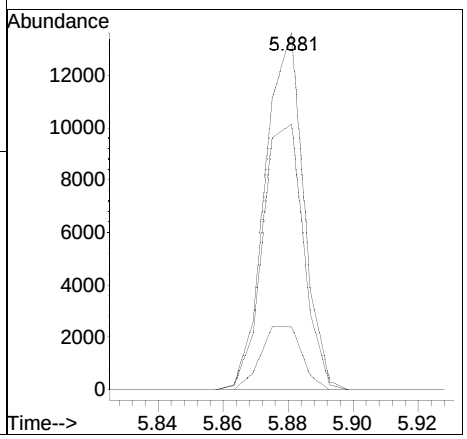


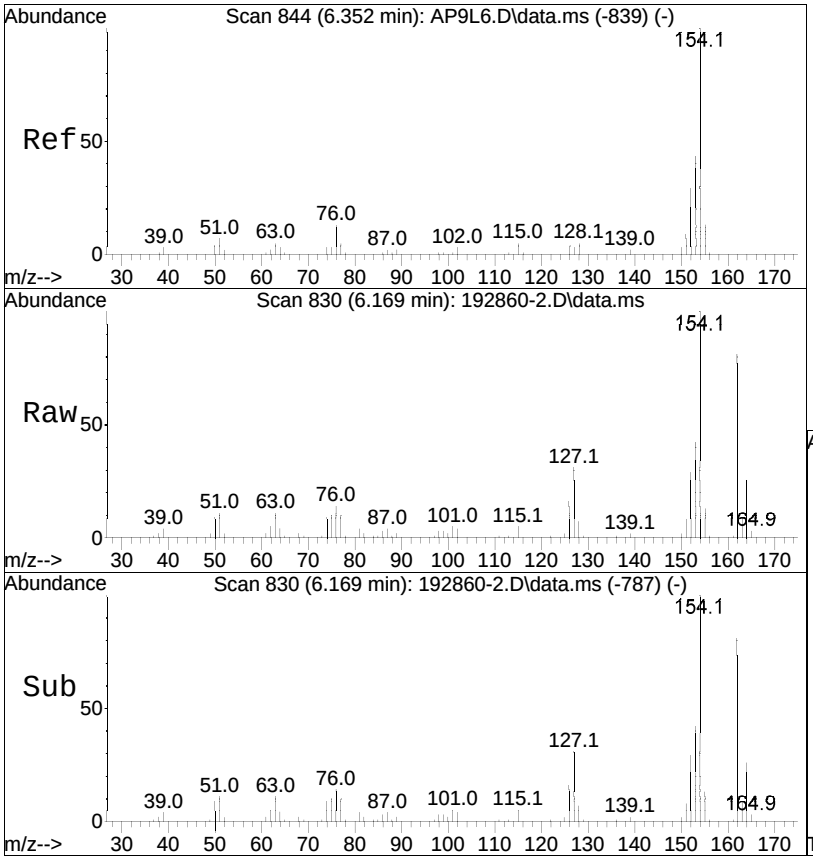


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.58 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:216 Resp: 11162

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.0	96.0
179	19.0	18.7	28.1

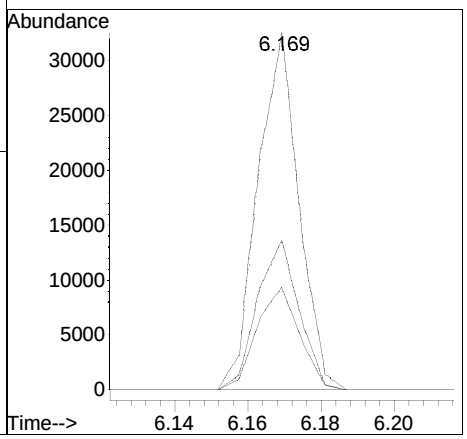


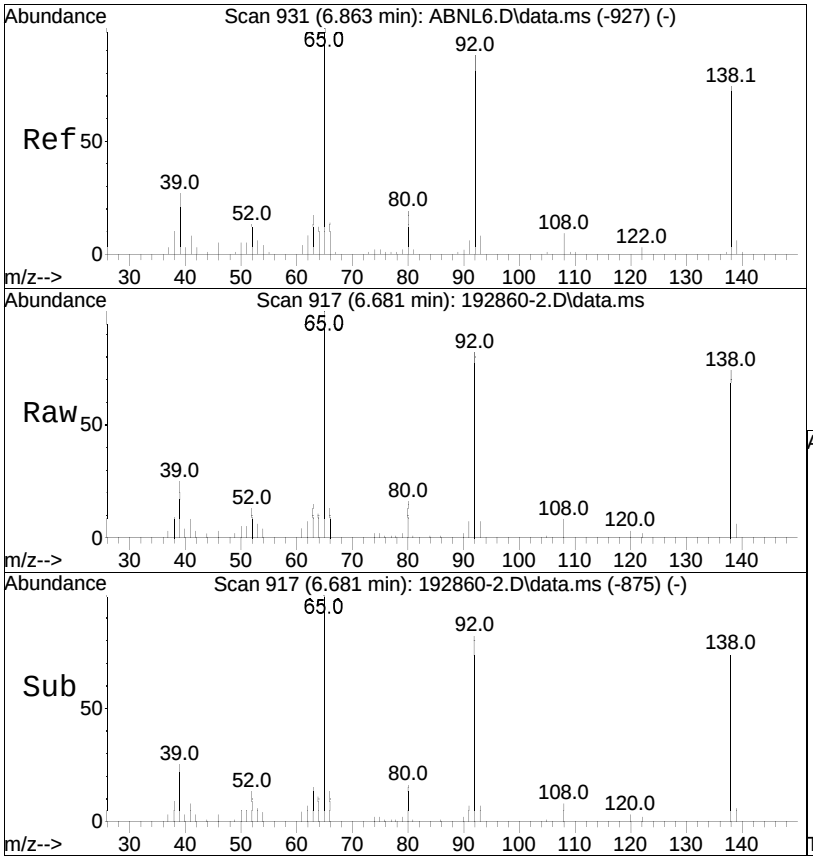


#62
Biphenyl
Concen: 1.65 ug/ml
RT: 6.169 min Scan# 830
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:154 Resp: 25166

Ion	Ratio	Lower	Upper
154	100		
153	42.8	32.5	48.7
152	30.1	22.6	34.0

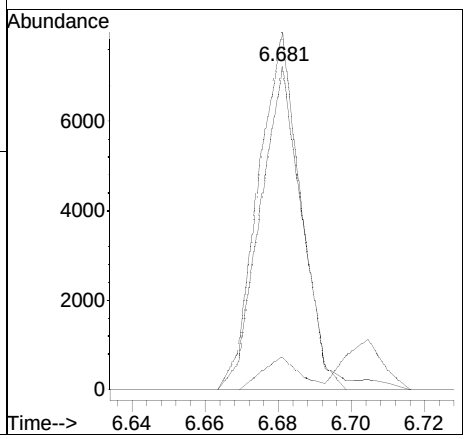


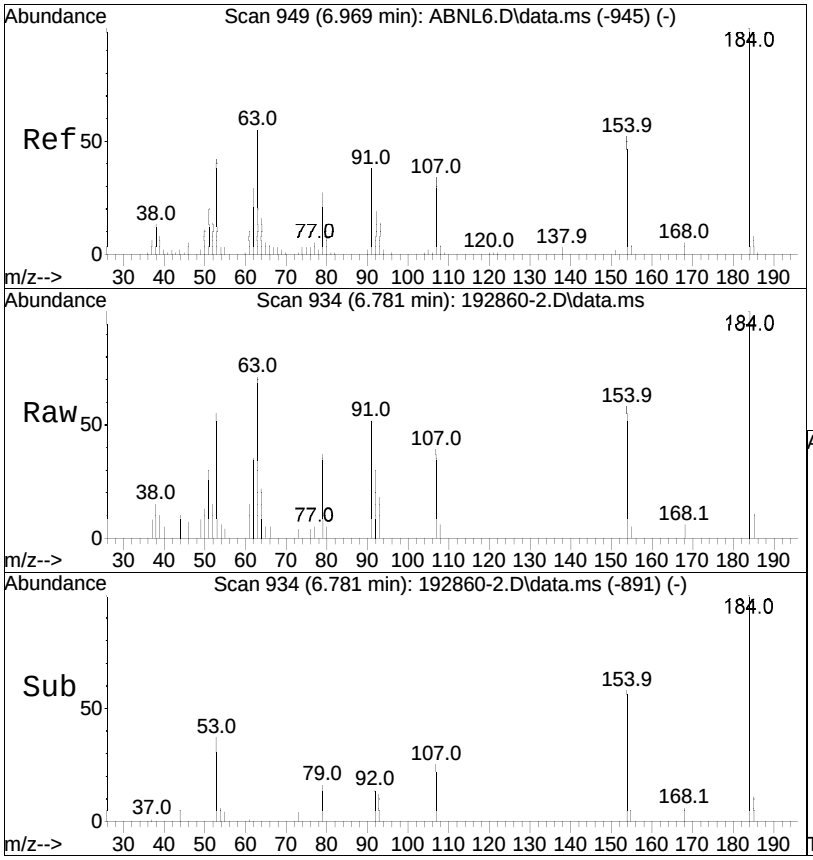


#64
3-Nitroaniline
Concen: 1.83 ug/ml
RT: 6.681 min Scan# 917
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:138 Resp: 5650

Ion	Ratio	Lower	Upper
138	100		
92	116.4	92.8	139.2
108	9.7	7.9	11.9

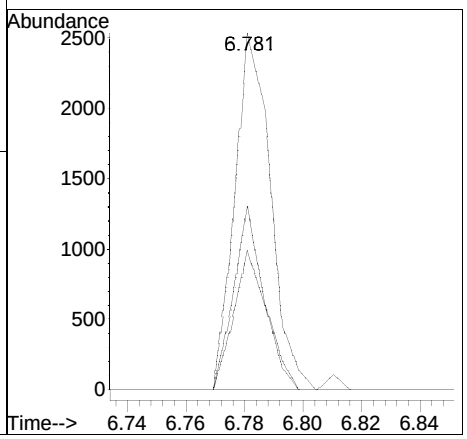


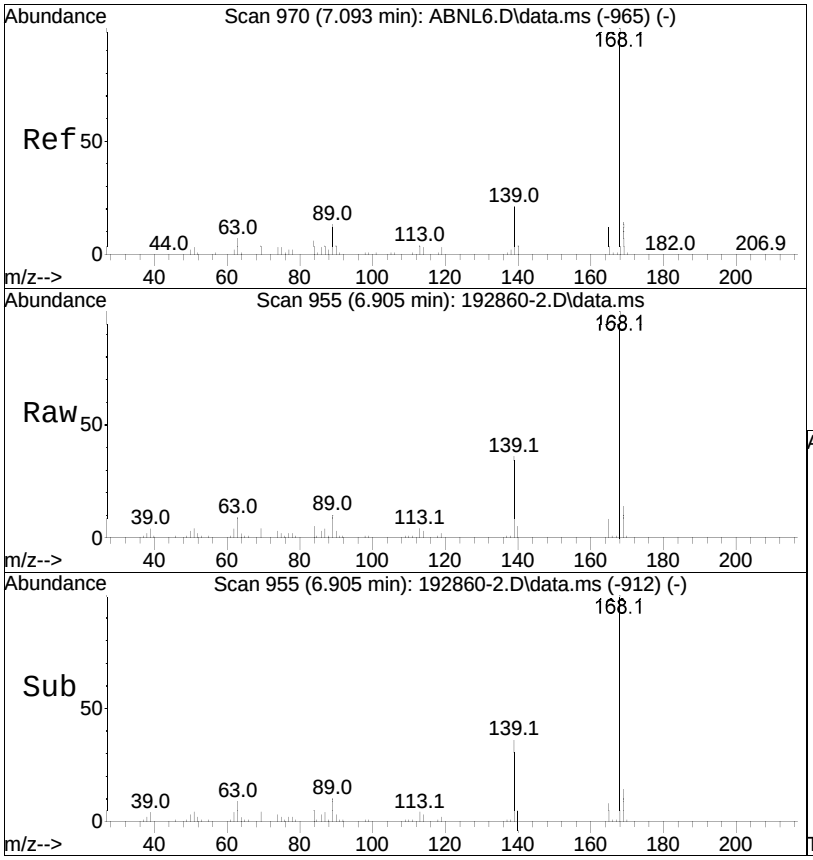


#66
2,4-Dinitrophenol
Concen: 1.47 ug/ml
RT: 6.781 min Scan# 934
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:184 Resp: 2171

Ion	Ratio	Lower	Upper
184	100		
107	35.4	41.8	62.6#
91	43.5	44.2	66.2#

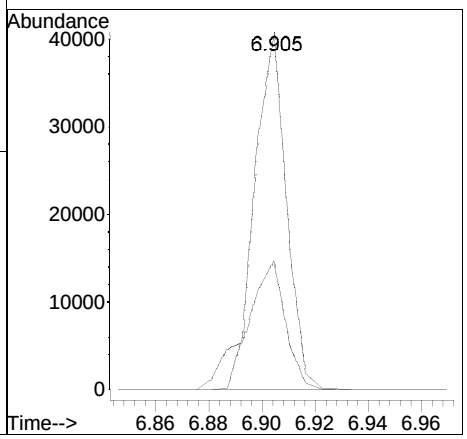


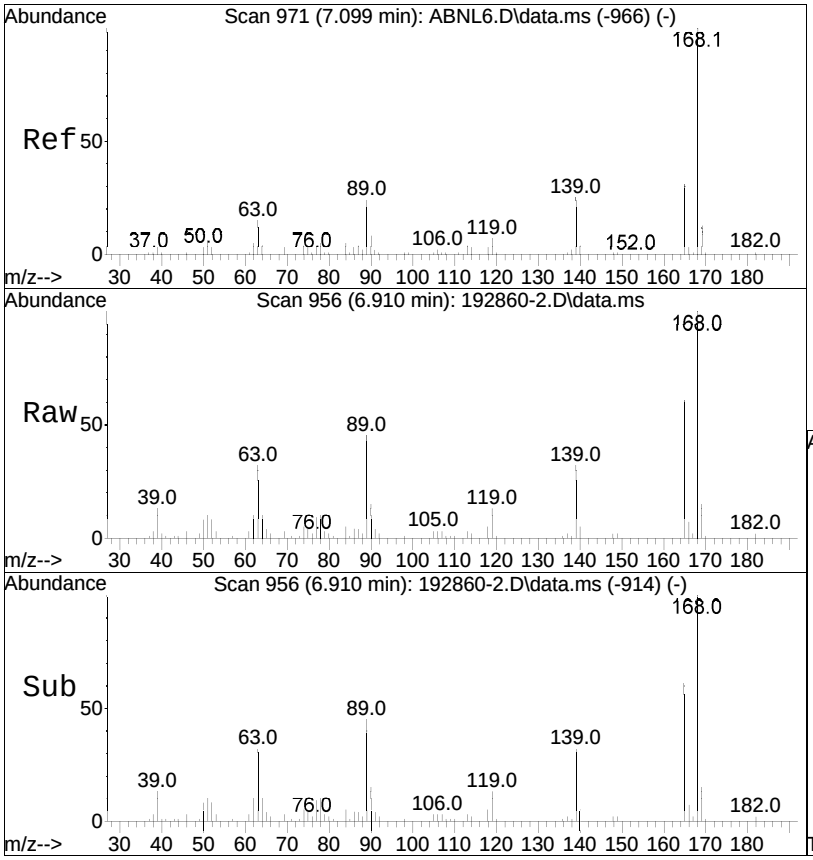


#67
Dibenzofuran
Concen: 1.63 ug/ml
RT: 6.905 min Scan# 955
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:168 Resp: 33101

Ion	Ratio	Lower	Upper
168	100		
139	46.1	32.3	48.5

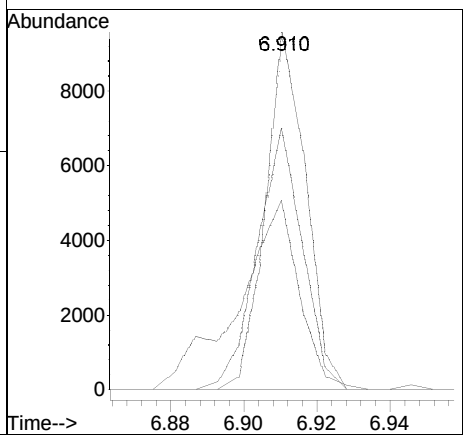


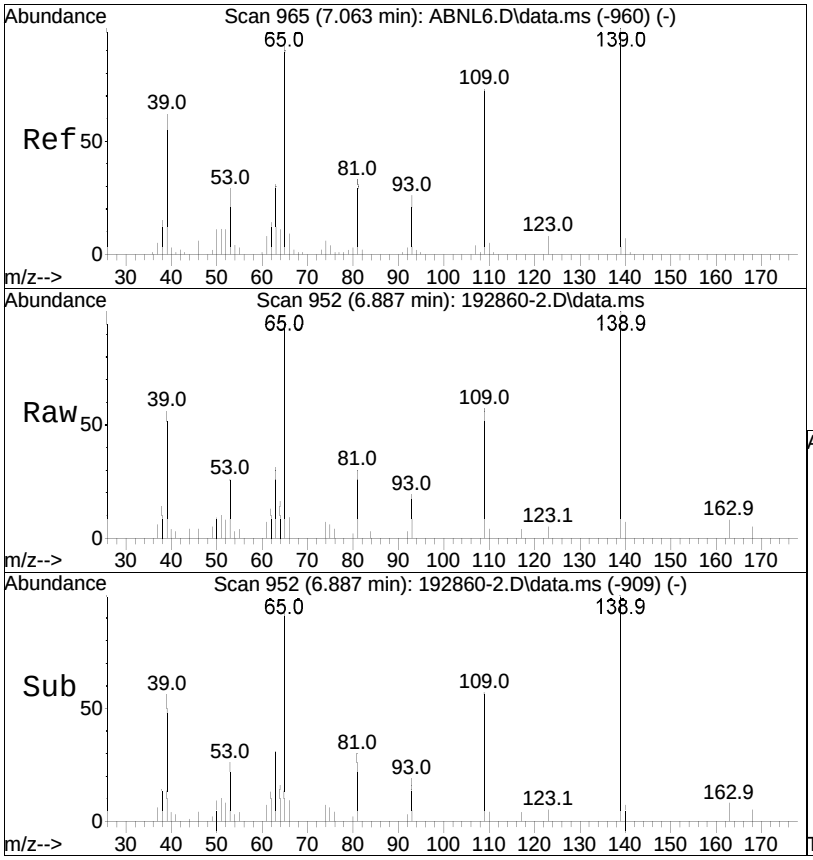


#68
2,4-Dinitrotoluene
Concen: 1.87 ug/ml
RT: 6.910 min Scan# 956
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:165 Resp: 7266

Ion	Ratio	Lower	Upper
165	100		
89	82.1	73.0	109.4
63	80.2	56.3	84.5

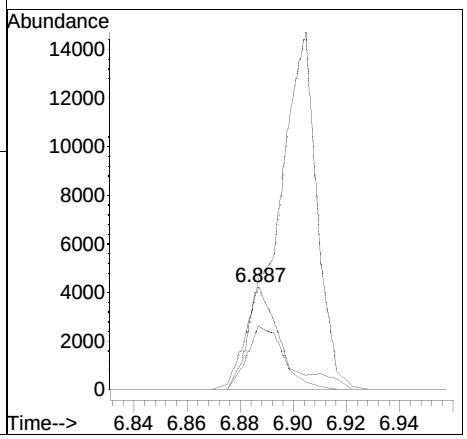


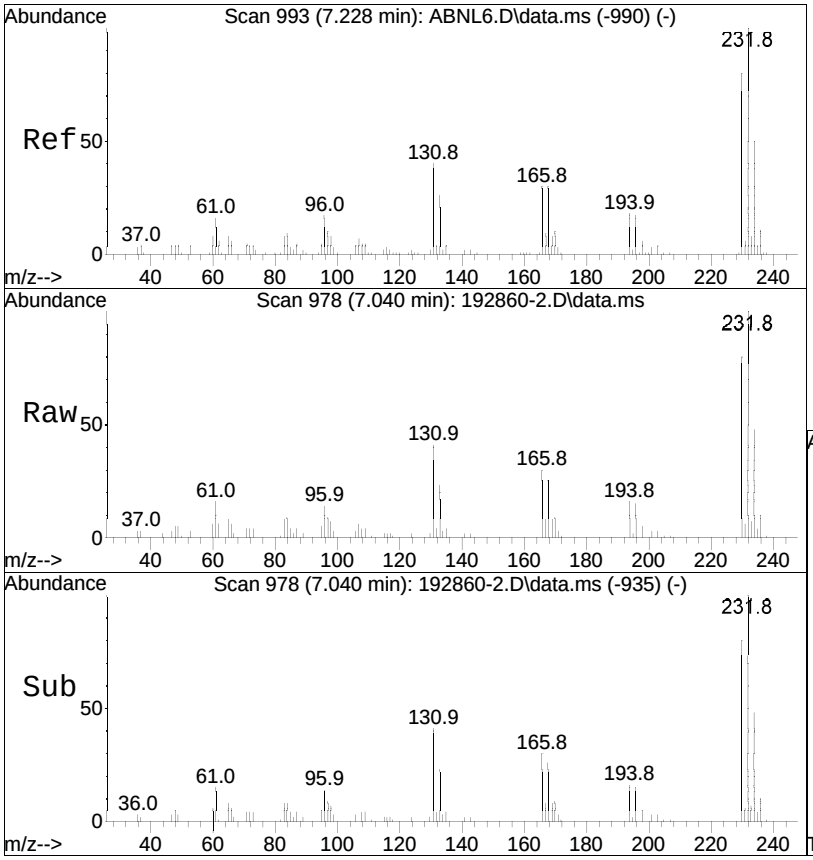


#69
4-Nitrophenol
Concen: 1.75 ug/ml
RT: 6.887 min Scan# 952
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion: 65 Resp: 4092

Ion	Ratio	Lower	Upper
65	100		
109	60.6	60.2	90.2
139	372.9	81.1	121.7#

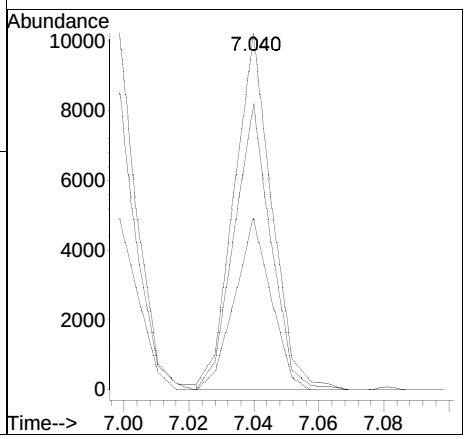


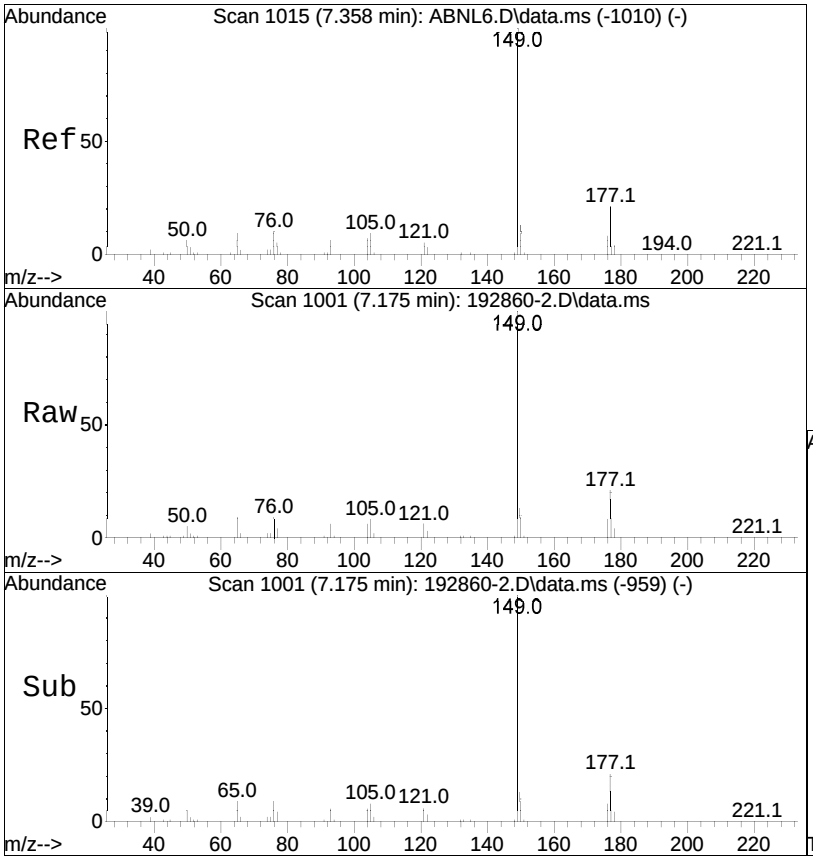


#71
2,3,4,6-Tetrachlorophenol
Concen: 1.95 ug/ml
RT: 7.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:232 Resp: 8255

Ion	Ratio	Lower	Upper
232	100		
230	78.1	63.8	95.8
234	46.4	39.0	58.6

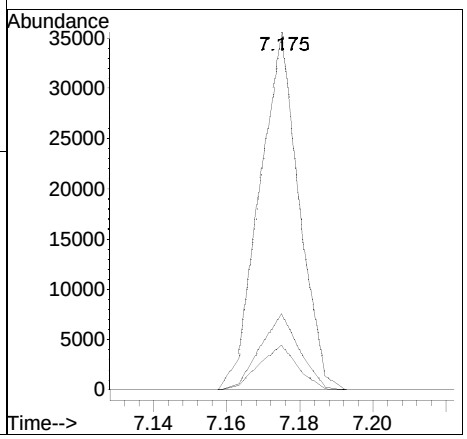


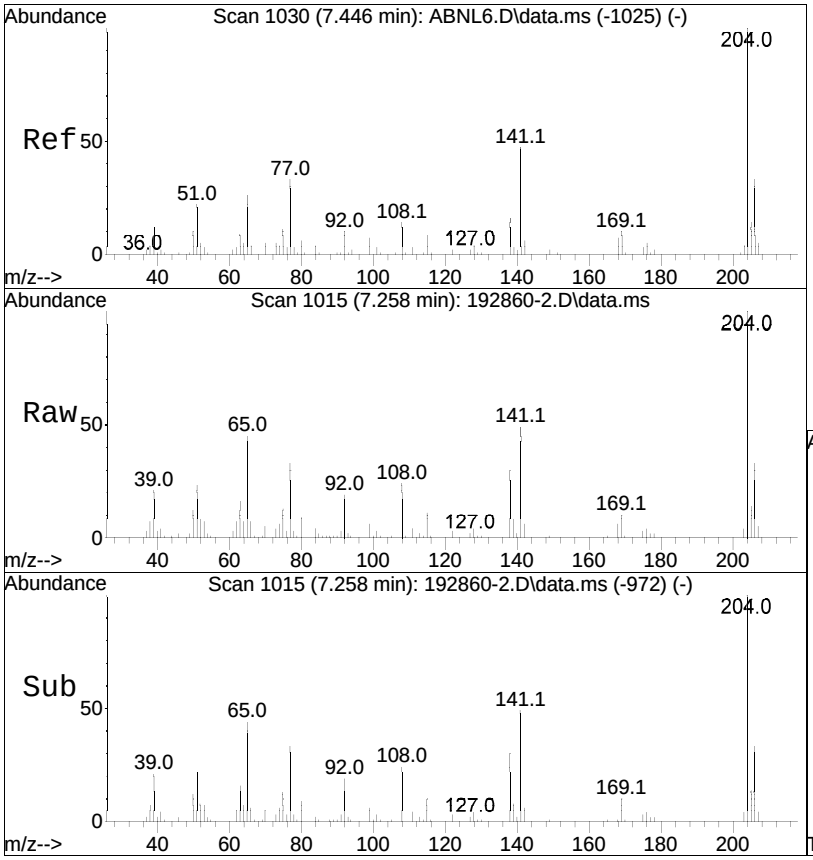


#72
Diethyl phthalate
Concen: 1.55 ug/ml
RT: 7.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:149 Resp: 26460

Ion	Ratio	Lower	Upper
149	100		
177	21.4	15.0	22.6
150	12.6	9.8	14.6

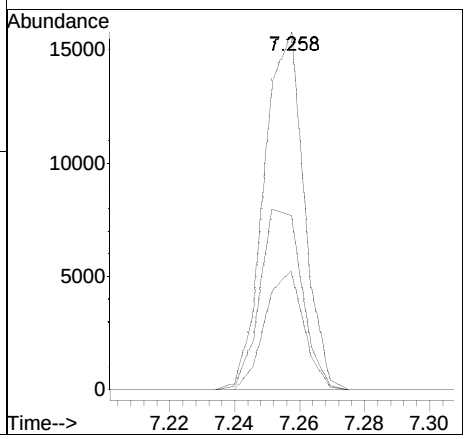


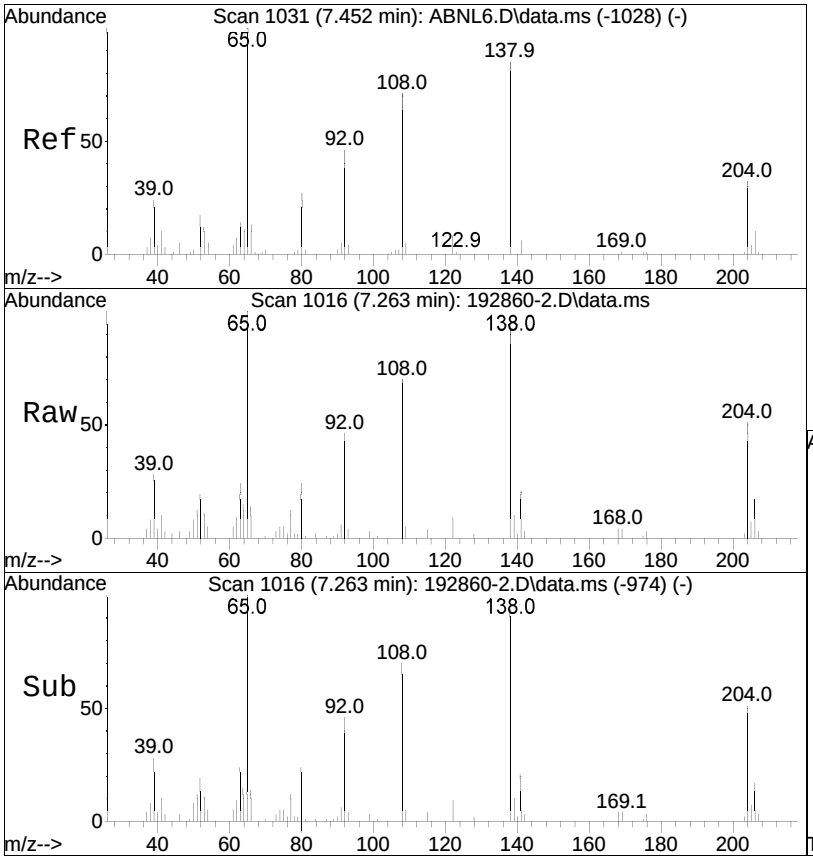


#74
4-Chlorophenyl phenyl ether
Concen: 1.59 ug/ml
RT: 7.258 min Scan# 1015
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:204 Resp: 13434

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.3	39.5
141	52.9	58.4	87.6#

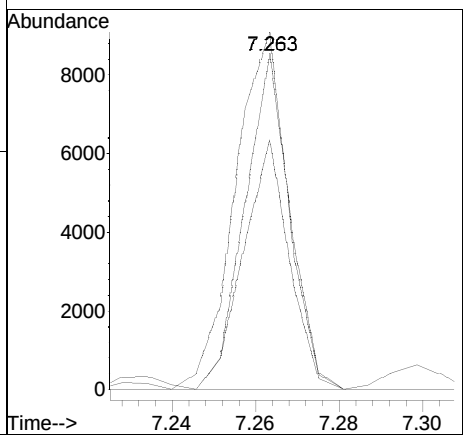


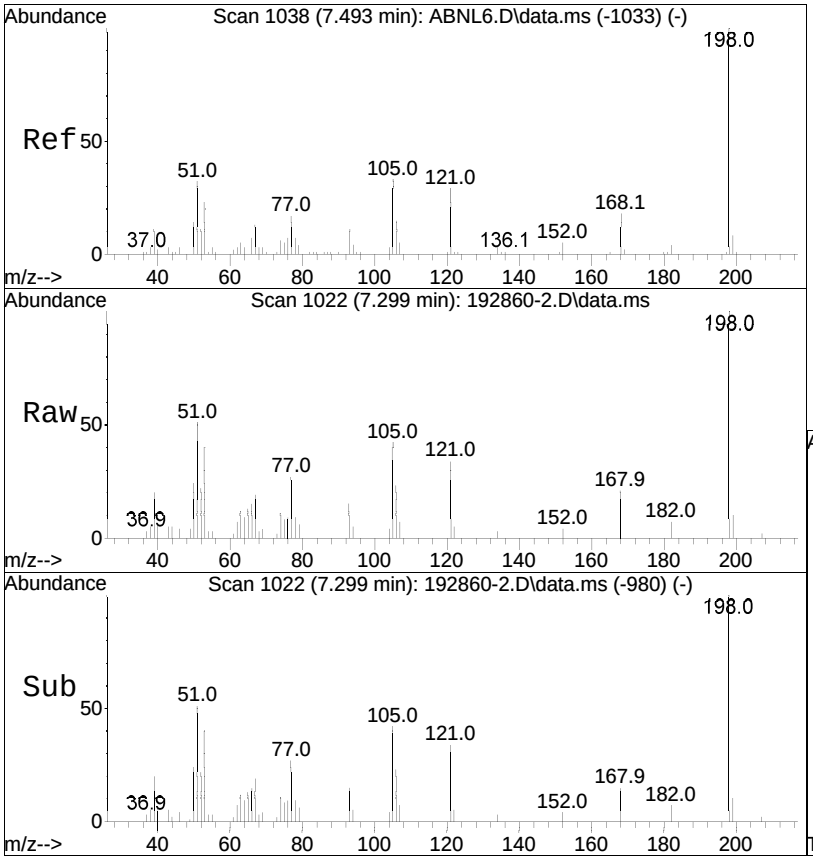


#75
4-Nitroaniline
Concen: 2.05 ug/ml
RT: 7.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:138 Resp: 6389

Ion	Ratio	Lower	Upper
138	100		
108	75.7	59.2	88.8
65	125.8	97.6	146.4

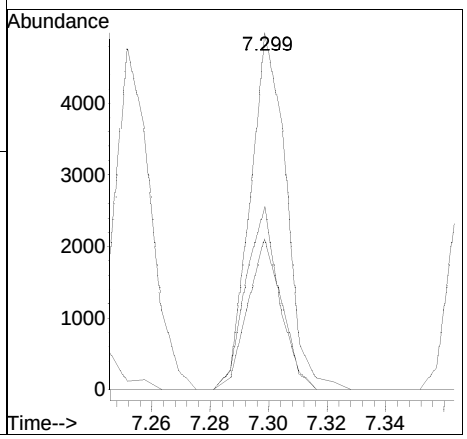


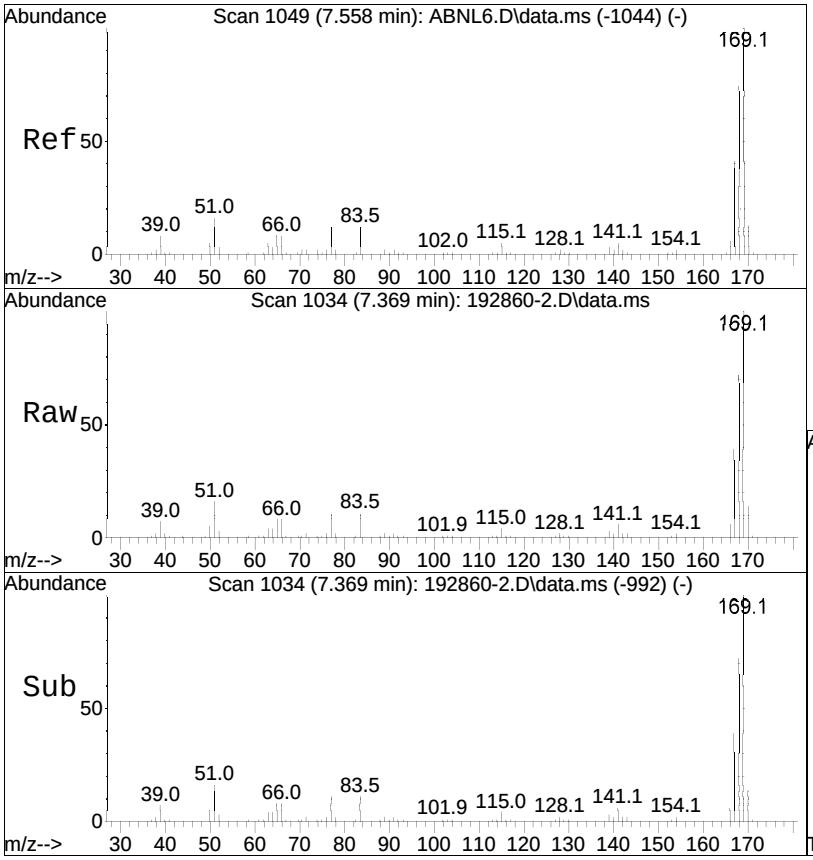


#76
4,6-Dinitro-o-cresol
Concen: 2.06 ug/ml
RT: 7.299 min Scan# 1022
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:198 Resp: 4275

Ion	Ratio	Lower	Upper
198	100		
51	47.8	49.9	74.9#
105	40.4	45.8	68.6#

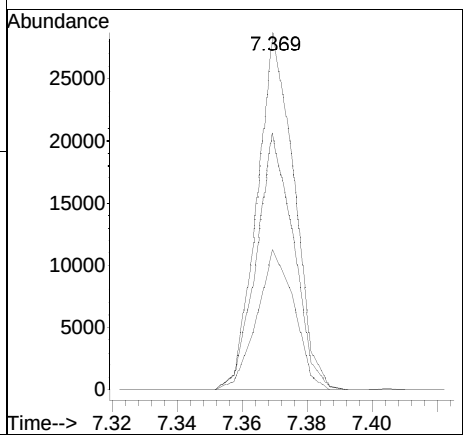


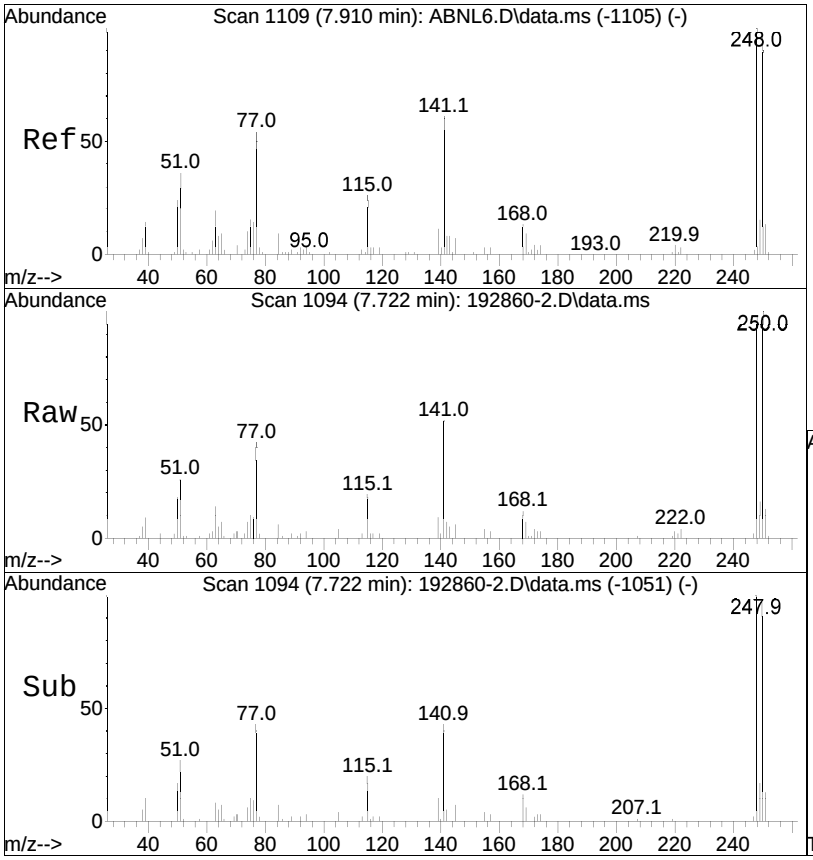


#77
NDPA/DPA
Concen: 1.60 ug/ml
RT: 7.369 min Scan# 1034
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:169 Resp: 22587

Ion	Ratio	Lower	Upper
169	100		
168	72.0	55.2	82.8
167	39.8	30.4	45.6

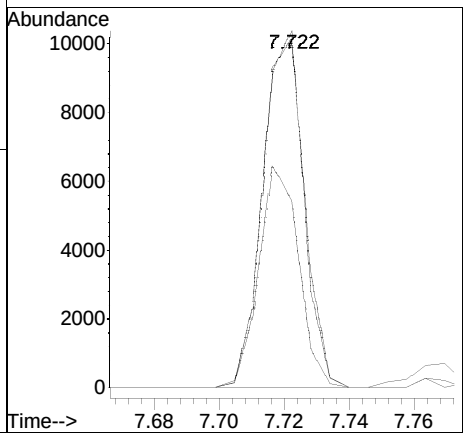


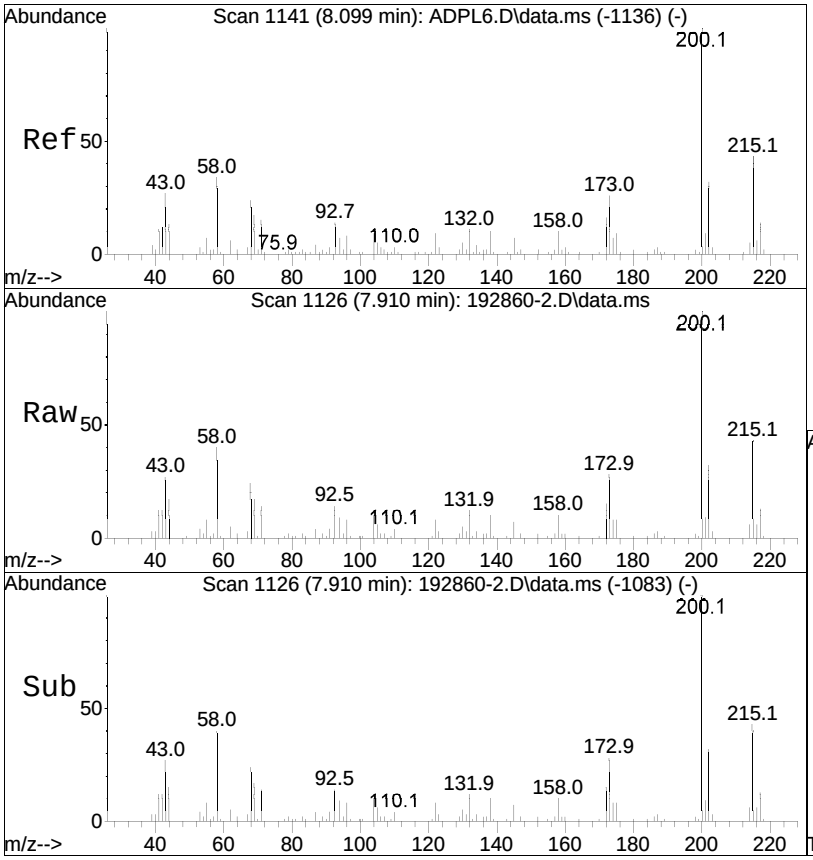


#80
4-Bromophenyl phenyl ether
Concen: 1.58 ug/ml
RT: 7.722 min Scan# 1094
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:248 Resp: 9013

Ion	Ratio	Lower	Upper
248	100		
141	60.1	74.6	111.8#
250	98.5	76.9	115.3

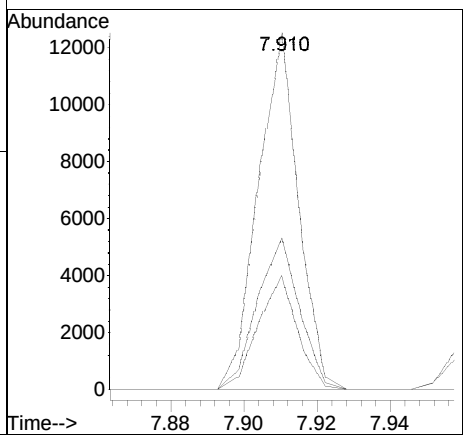


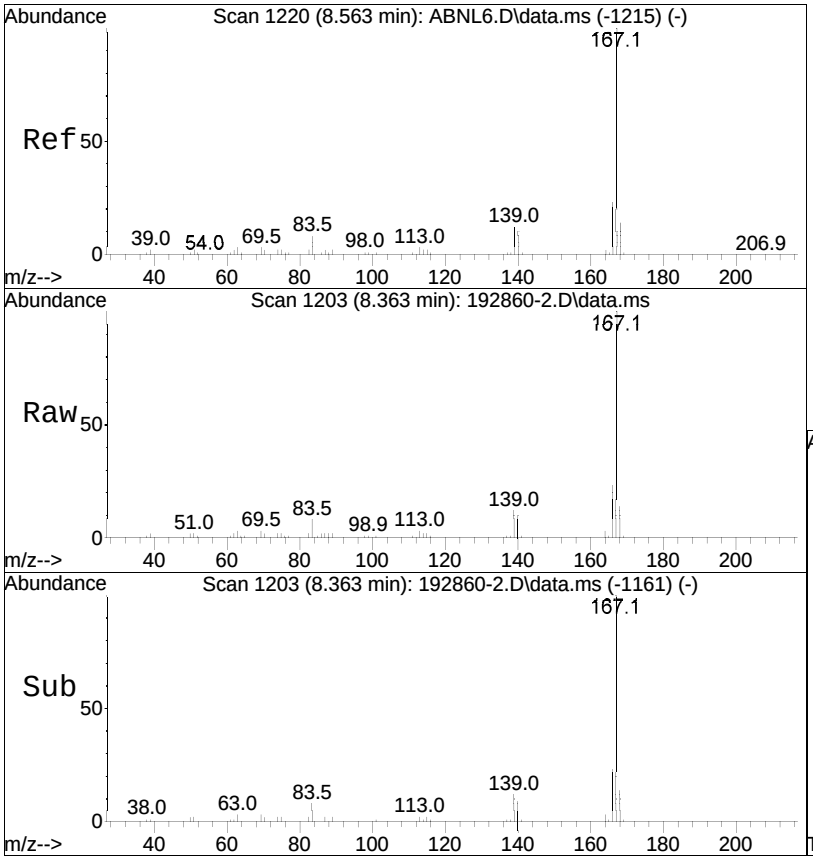


#87
Atrazine
Concen: 1.81 ug/ml
RT: 7.910 min Scan# 1126
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:200 Resp: 9492

Ion	Ratio	Lower	Upper
200	100		
202	31.4	25.0	37.6
215	44.9	34.5	51.7

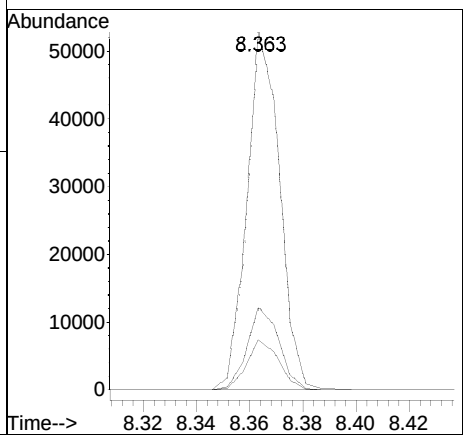


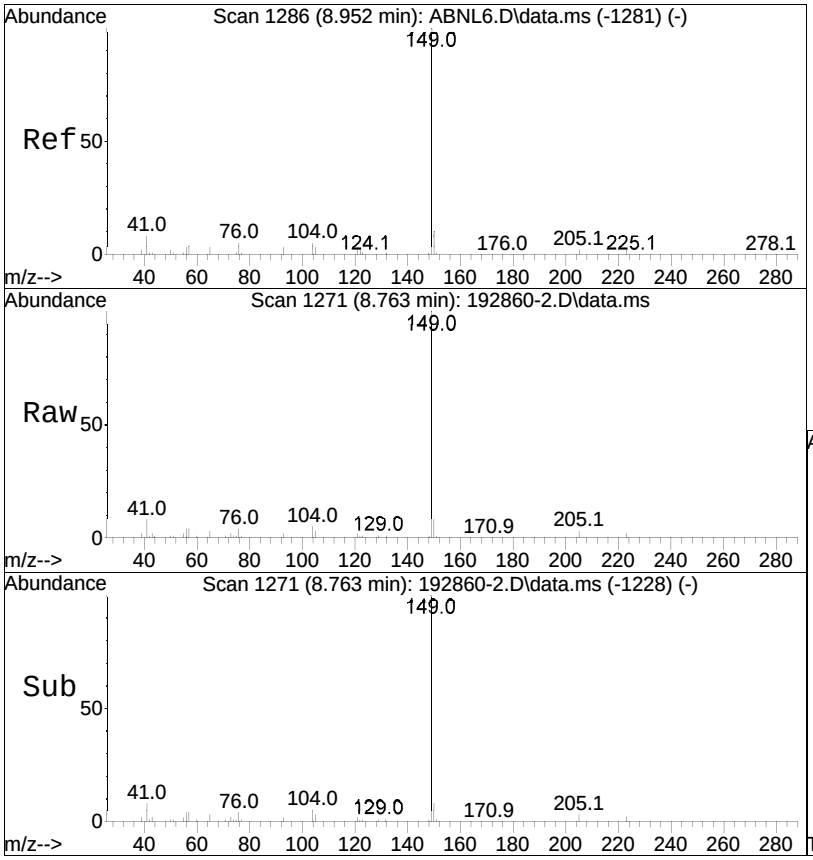


#91
Carbazole
Concen: 1.81 ug/ml
RT: 8.363 min Scan# 1203
Delta R.T. -0.006 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:167 Resp: 44619

Ion	Ratio	Lower	Upper
167	100		
168	13.8	10.8	16.2
166	22.7	17.7	26.5

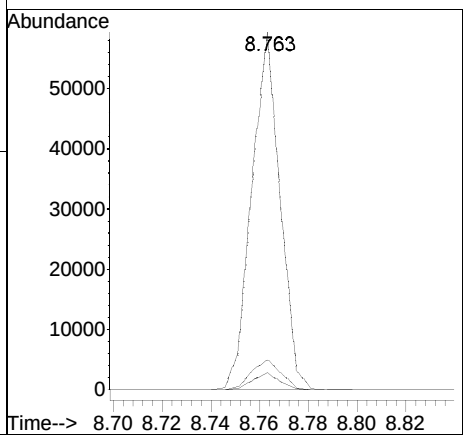


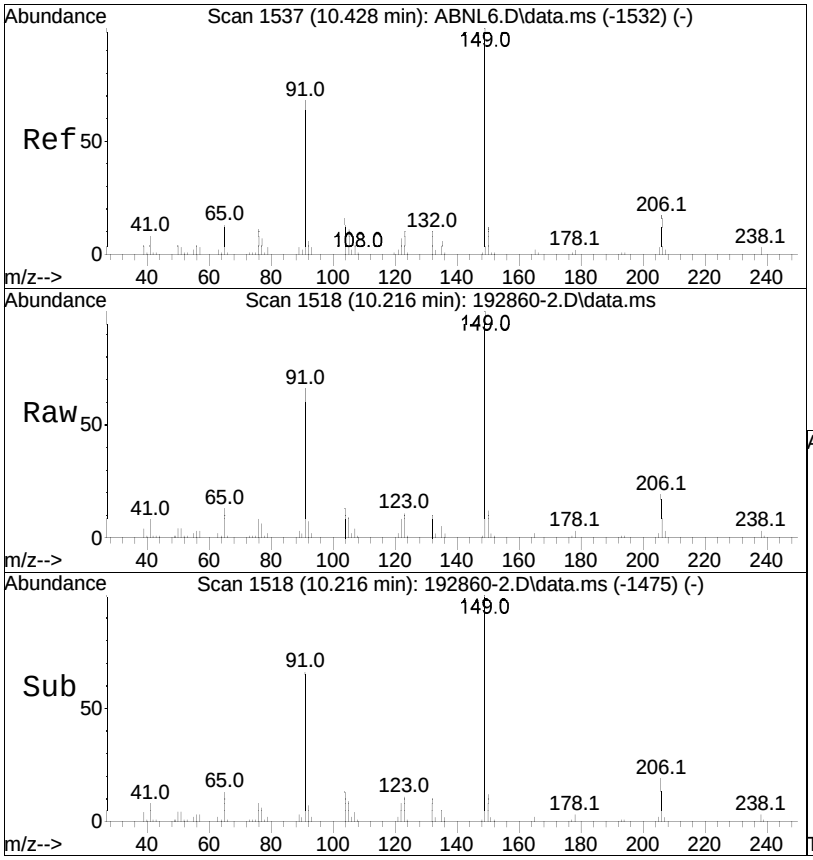


#92
Di-n-butylphthalate
Concen: 1.73 ug/ml
RT: 8.763 min Scan# 1271
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:149 Resp: 47106

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.6	4.0	6.0

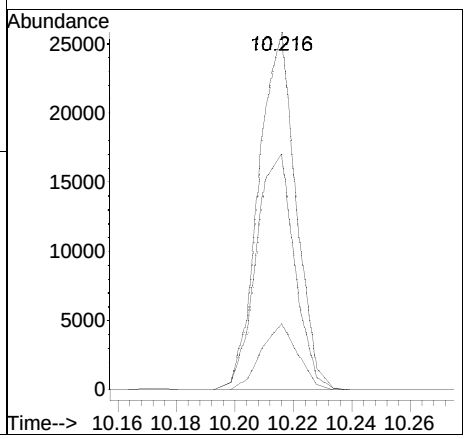


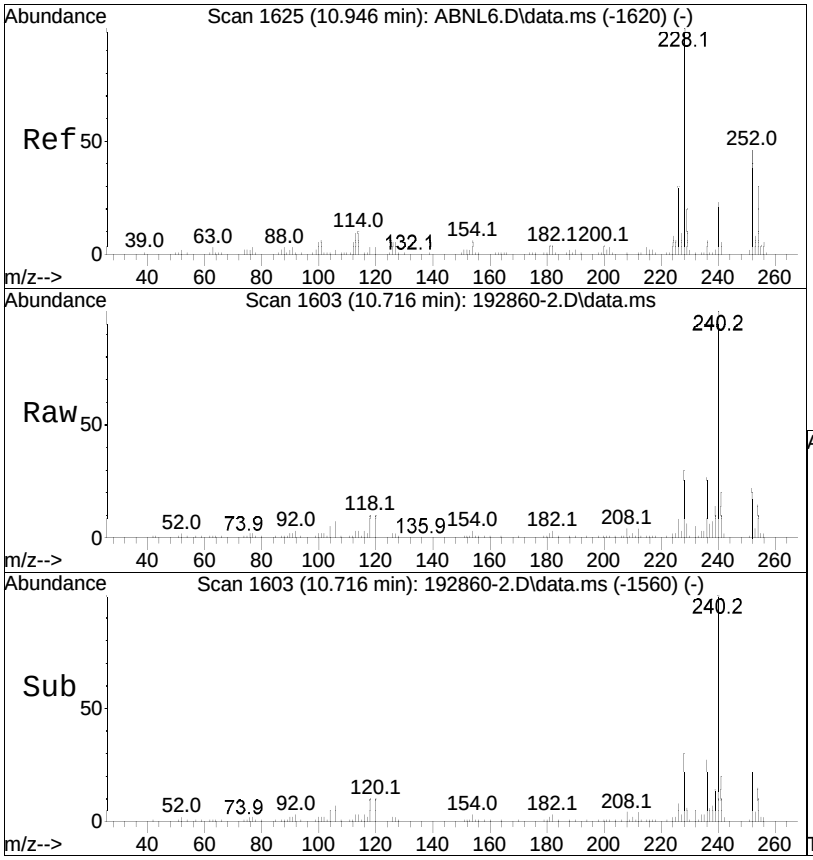


#97
Butyl benzyl phthalate
Concen: 2.09 ug/ml
RT: 10.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:149 Resp: 22657

Ion	Ratio	Lower	Upper
149	100		
91	68.5	57.9	86.9
206	18.2	11.9	17.9#

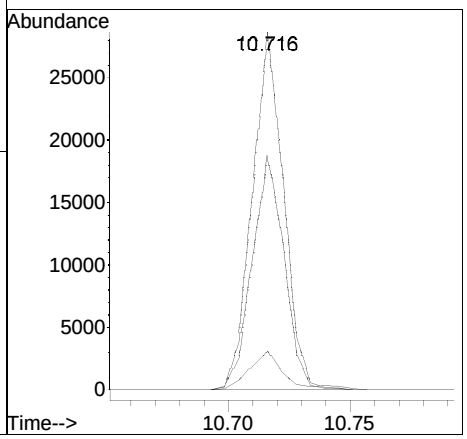


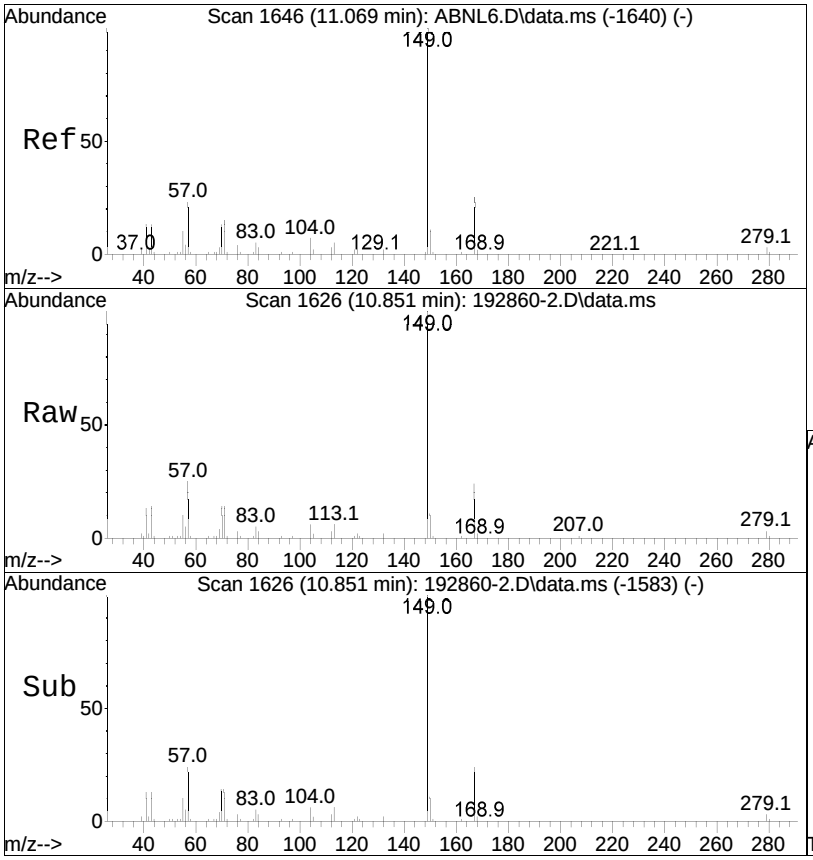


#106
3,3'-Dichlorobenzidine
Concen: 1.71 ug/ml
RT: 10.716 min Scan# 1603
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:252 Resp: 25294

Ion	Ratio	Lower	Upper
252	100		
126	12.3	12.6	19.0#
254	67.0	51.1	76.7

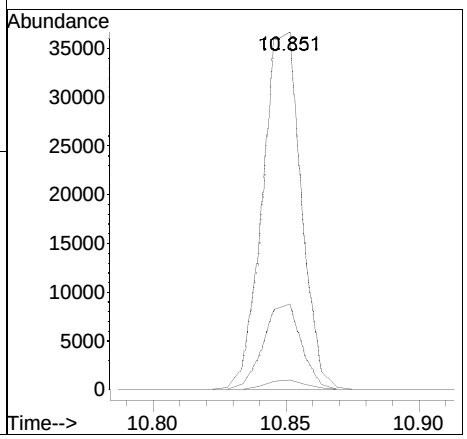


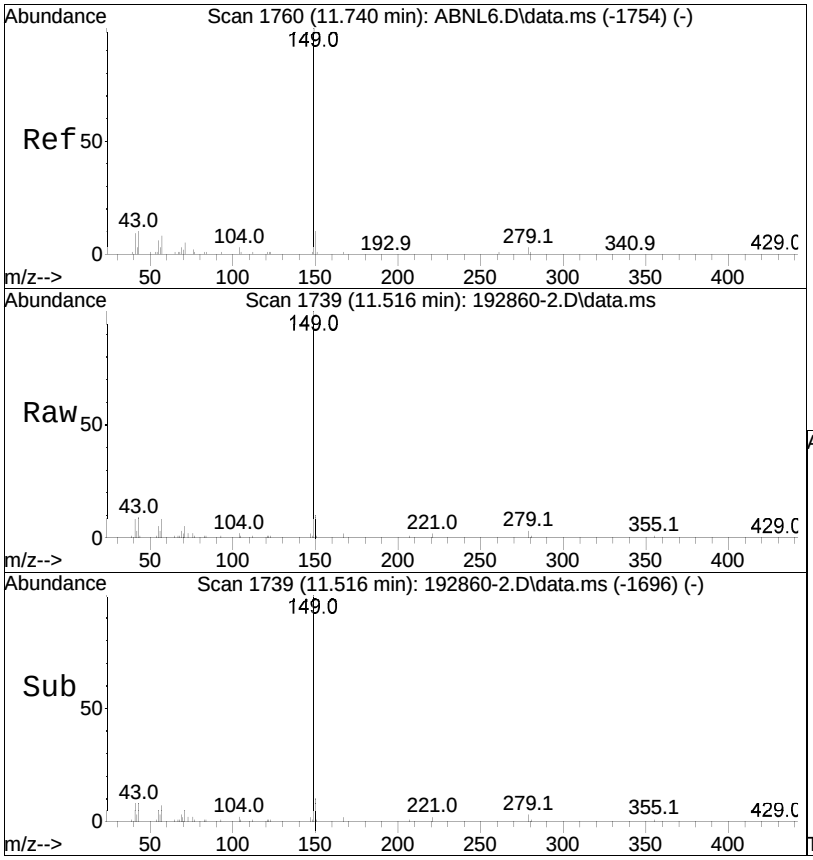


#108
Bis(2-ethylhexyl)phthalate
Concen: 2.00 ug/ml
RT: 10.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:149 Resp: 36757

Ion	Ratio	Lower	Upper
149	100		
167	23.6	18.4	27.6
279	2.5	1.7	2.5

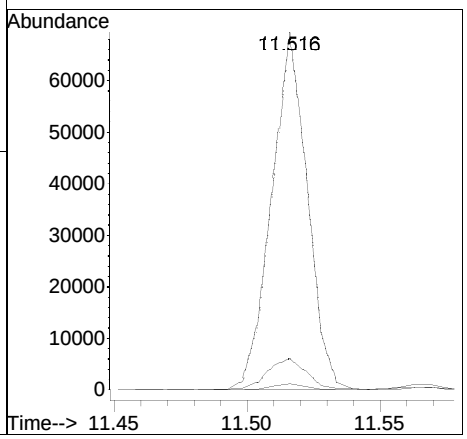




#109
Di-n-octylphthalate
Concen: 2.09 ug/ml
RT: 11.516 min Scan# 1739
Delta R.T. 0.000 min
Lab File: 192860-2.D
Acq: 02 Apr 2026 12:41 pm

Tgt Ion:149 Resp: 64100

Ion	Ratio	Lower	Upper
149	100		
43	10.1	8.2	12.2
167	1.5	1.1	1.7

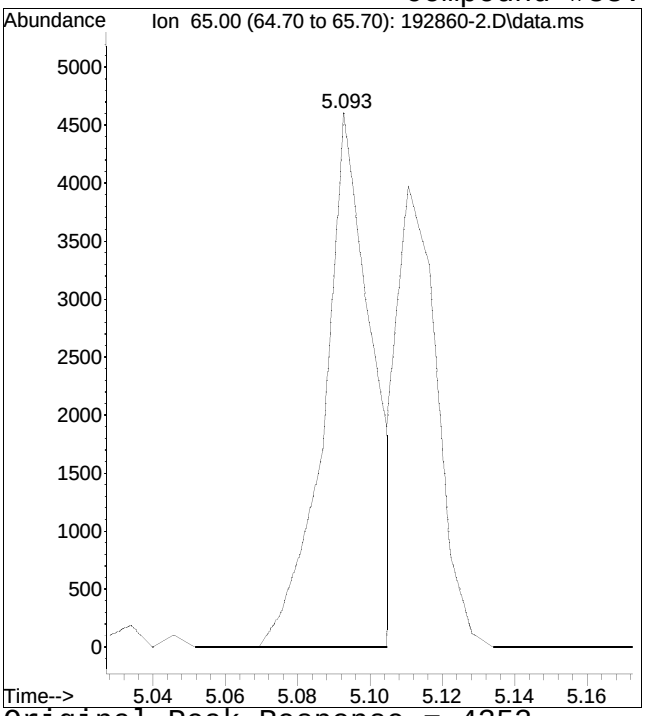


Manual Integration Report

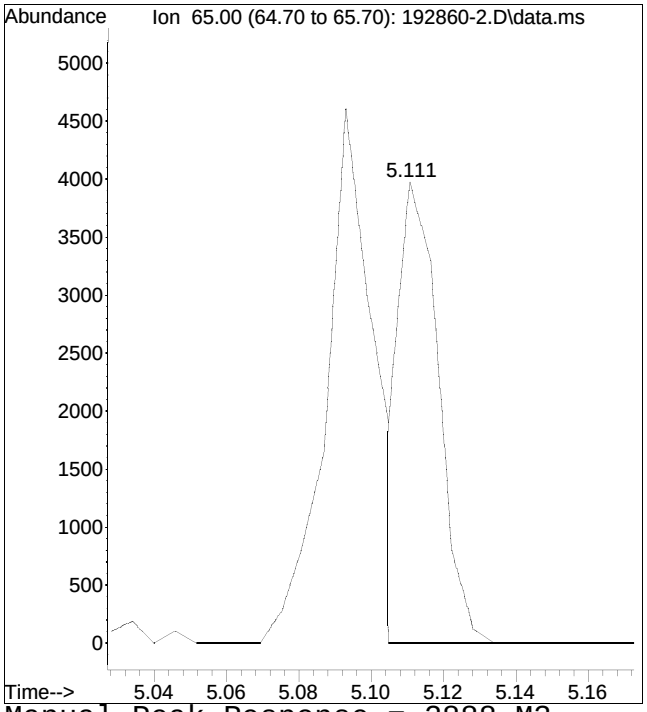
Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-2.D
Date Inj'd : 4/2/2026 12:41 pm
Sample : WG2192860-2,32,,smc

QMethod : FS260206SV112RVT.m
Operator : SV112:slr
Instrument : SV112
Quant Date : 4/2/2026 12:57 pm

Compound #38: 4-Chloroaniline



Original Peak Response = 4353



Manual Peak Response = 2888 M3

M3 = Wrong Peak Identified

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-3.D
Acq On : 02 Apr 2026 01:00 pm
Operator : SV112:slr
Sample : WG2192860-3,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 03 06:39:16 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.828	152	19136	4.000	ug/ml	0.00
Standard Area 1 = 28958			Recovery = 66.08%			
27) IS2_1,4-Dichlorobenzen...	3.828	152	19136	4.000	ug/ml	0.00
Standard Area 3 = 25830			Recovery = 74.08%			
32) IS3_1,4-Dichlorobenzen...	3.828	152	19136	4.000	ug/ml	0.00
Standard Area 2 = 26378			Recovery = 72.55%			
35) IS1_Naphthalene-d8	5.022	136	72137	4.000	ug/ml	0.00
Standard Area 1 = 115513			Recovery = 62.45%			
55) IS2_Naphthalene-d8	5.022	136	72137	4.000	ug/ml	0.00
Standard Area 3 = 101110			Recovery = 71.35%			
63) IS1_Acenaphthene-d10	6.704	164	48634	4.000	ug/ml	0.00
Standard Area 1 = 80394			Recovery = 60.49%			
83) IS2_Acenaphthene-d10	6.704	164	48634	4.000	ug/ml	0.00
Standard Area 3 = 67555			Recovery = 71.99%			
86) IS3_Acenaphthene-d10	6.704	164	48634	4.000	ug/ml	0.00
Standard Area 2 = 63794			Recovery = 76.24%			
88) IS1_Phenanthrene-d10	8.122	188	110745	4.000	ug/ml	# 0.00
Standard Area 1 = 186472			Recovery = 59.39%			
100) IS3_Phenanthrene-d10	8.122	188	110745	4.000	ug/ml	# 0.00
Standard Area 2 = 153098			Recovery = 72.34%			
104) IS1_Chrysene-d12	10.716	240	127751	4.000	ug/ml	# 0.00
Standard Area 1 = 209893			Recovery = 60.86%			
113) IS1_Perylene-d12	12.163	264	148066	4.000	ug/ml	0.00
Standard Area 1 = 240171			Recovery = 61.65%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.675	112	6202	1.300	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 65.00%			
7) Phenol-d6	3.534	99	5338	0.839	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 41.95%			
19) Nitrobenzene-d5	4.346	82	5173	0.947	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 94.70%			
46) 2-Fluorobiphenyl	6.081	172	13244	0.809	ug/ml	0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 80.90%			
79) 2,4,6-Tribromophenol	7.463	330	5308	1.717	ug/ml	0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 85.85%			

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-3.D
Acq On : 02 Apr 2026 01:00 pm
Operator : SV112:slr
Sample : WG2192860-3,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 03 06:39:16 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.698	244	25592	0.890	ug/ml	0.00

Spiked Amount 1.000 Range 30 - 130 Recovery = 89.00%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.640	128	9834	1.741	ug/ml	98
8) Phenol	3.546	94	6940	0.949	ug/ml#	20
9) Bis(2-chloroethyl)ether	3.599	93	9441	1.753	ug/ml	96
14) Bis(2-chloroisopropyl)...	4.105	45	14210	1.773	ug/ml#	71
15) 2-Methylphenol	4.105	108	8380	1.689	ug/ml	100
17) n-Nitrosodi-n-propylamine	4.228	70	7385	1.726	ug/ml	96
18) 3-Methylphenol/4-Methy...	4.252	108	8774	1.650	ug/ml	96
20) Nitrobenzene	4.363	77	10764	1.920	ug/ml	96
21) Isophorone	4.599	82	18743	1.537	ug/ml	99
22) 2-Nitrophenol	4.669	139	5024	2.054	ug/ml	98
23) 2,4-Dimethylphenol	4.752	107	10801	1.843	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.828	93	12910	1.711	ug/ml	98
25) 2,4-Dichlorophenol	4.910	162	10367	1.870	ug/ml#	94
28) Benzaldehyde	3.422	105	8189	1.725	ug/ml	99
29) Acetophenone	4.210	105	14866	1.794	ug/ml	96
38) 4-Chloroaniline	5.110	65	3861M3	1.675	ug/ml	
40) p-Chloro-m-cresol	5.616	107	9474	1.827	ug/ml	95
43) Hexachlorocyclopentadiene	5.881	237	7780	1.570	ug/ml	100
44) 2,4,6-Trichlorophenol	5.999	196	8731	1.861	ug/ml	99
45) 2,4,5-Trichlorophenol	6.034	196	9941	1.978	ug/ml	99
48) 2-Nitroaniline	6.287	138	7243	2.196	ug/ml	96
51) Dimethyl phthalate	6.487	163	29504	1.671	ug/ml	100
53) 2,6-Dinitrotoluene	6.528	165	5670	1.885	ug/ml	93
60) Caprolactam	5.404	55	1922	0.688	ug/ml	95
61) 1,2,4,5-Tetrachloroben...	5.881	216	12937	1.695	ug/ml	96
62) Biphenyl	6.169	154	28680	1.747	ug/ml	98
64) 3-Nitroaniline	6.681	138	6586	1.983	ug/ml	99
66) 2,4-Dinitrophenol	6.781	184	2428	1.531	ug/ml#	86
67) Dibenzofuran	6.904	168	36399	1.670	ug/ml	93
68) 2,4-Dinitrotoluene	6.910	165	8428	2.014	ug/ml	90
69) 4-Nitrophenol	6.887	65	4281	1.700	ug/ml#	1
71) 2,3,4,6-Tetrachlorophenol	7.040	232	8885	1.953	ug/ml	98
72) Diethyl phthalate	7.175	149	29718	1.619	ug/ml	96

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-3.D
Acq On : 02 Apr 2026 01:00 pm
Operator : SV112:slr
Sample : WG2192860-3,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 03 06:39:16 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260402RVT\ABN0402.D
: 2 - I:\8270\SV112\260402RVT\ADP0402.D
: 3 - I:\8270\SV112\260402RVT\AP90402.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74)	4-Chlorophenyl phenyl ...	7.257	204	15164	1.670	ug/ml#	81
75)	4-Nitroaniline	7.263	138	7076	2.113	ug/ml	97
76)	4,6-Dinitro-o-cresol	7.298	198	4457	1.993	ug/ml#	81
77)	NDPA/DPA	7.369	169	24590	1.618	ug/ml	94
80)	4-Bromophenyl phenyl e...	7.722	248	10275	1.675	ug/ml#	82
87)	Atrazine	7.910	200	10575	1.871	ug/ml	100
91)	Carbazole	8.363	167	48117	1.813	ug/ml	99
92)	Di-n-butylphthalate	8.763	149	51077	1.737	ug/ml	100
97)	Butyl benzyl phthalate	10.216	149	24901	2.130	ug/ml#	94
106)	3,3'-Dichlorobenzidine	10.716	252	27560	1.800	ug/ml#	98
108)	Bis(2-ethylhexyl)phtha...	10.851	149	38087	2.008	ug/ml	100
109)	Di-n-octylphthalate	11.516	149	64556	2.039	ug/ml	99

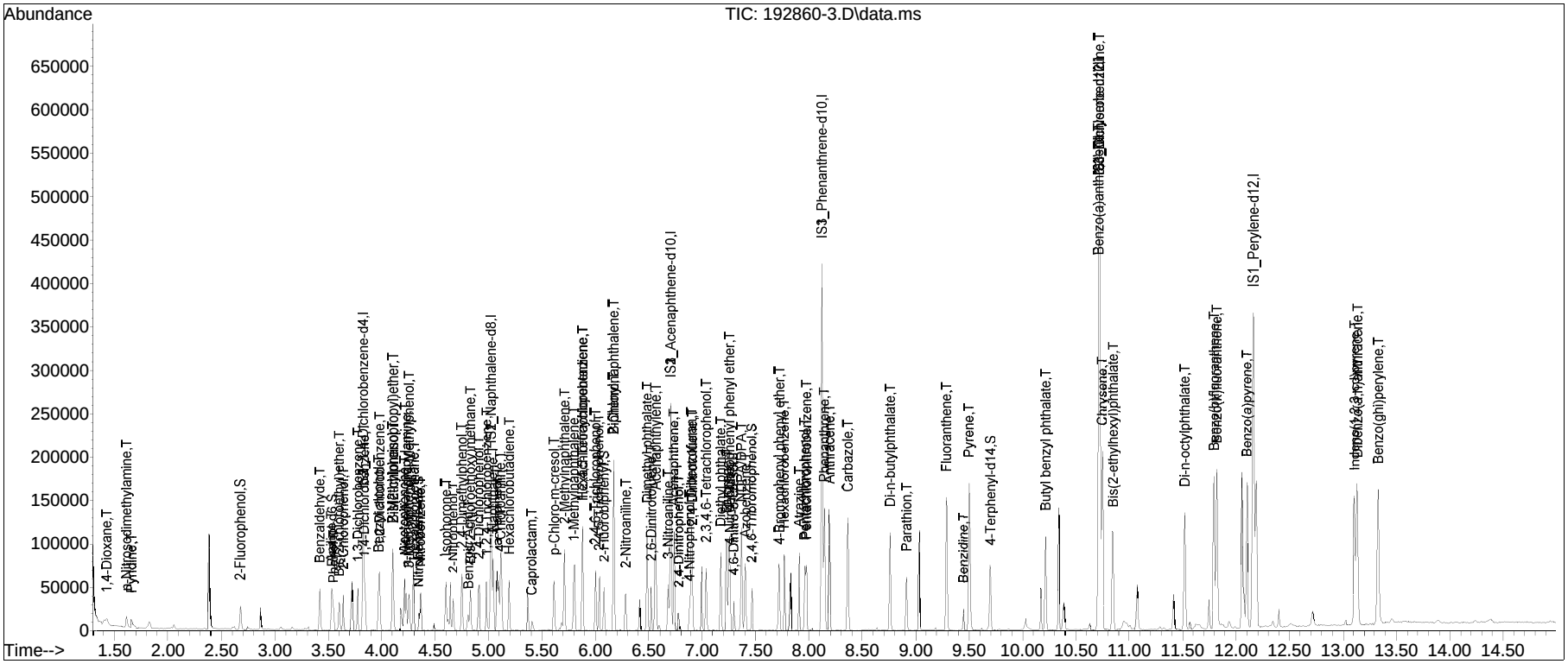
(#) = qualifier out of range (m) = manual integration (+) = signals summed

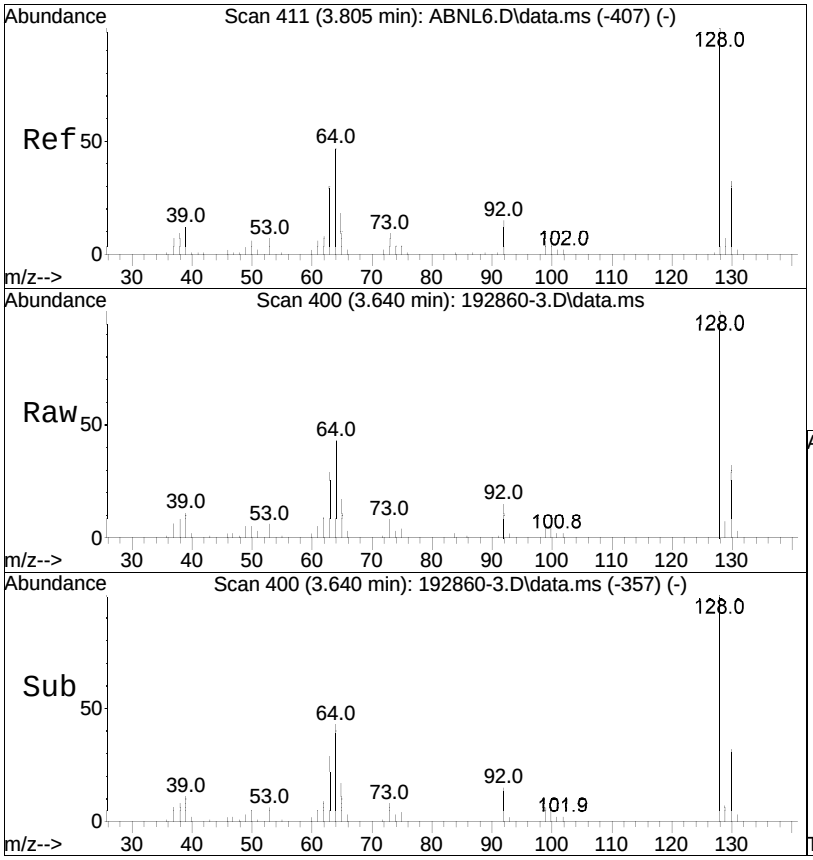
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-3.D
Acq On : 02 Apr 2026 01:00 pm
Operator : SV112:slr
Sample : WG2192860-3,32,,smc
Misc : wg2193052,WG2192860,ical23047
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 03 06:39:16 2026
Quant Method : I:\8270\SV112\260402RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 02 12:26:53 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MARVT\AP90402.D•

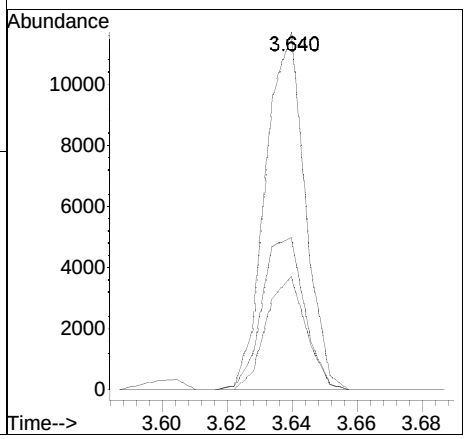


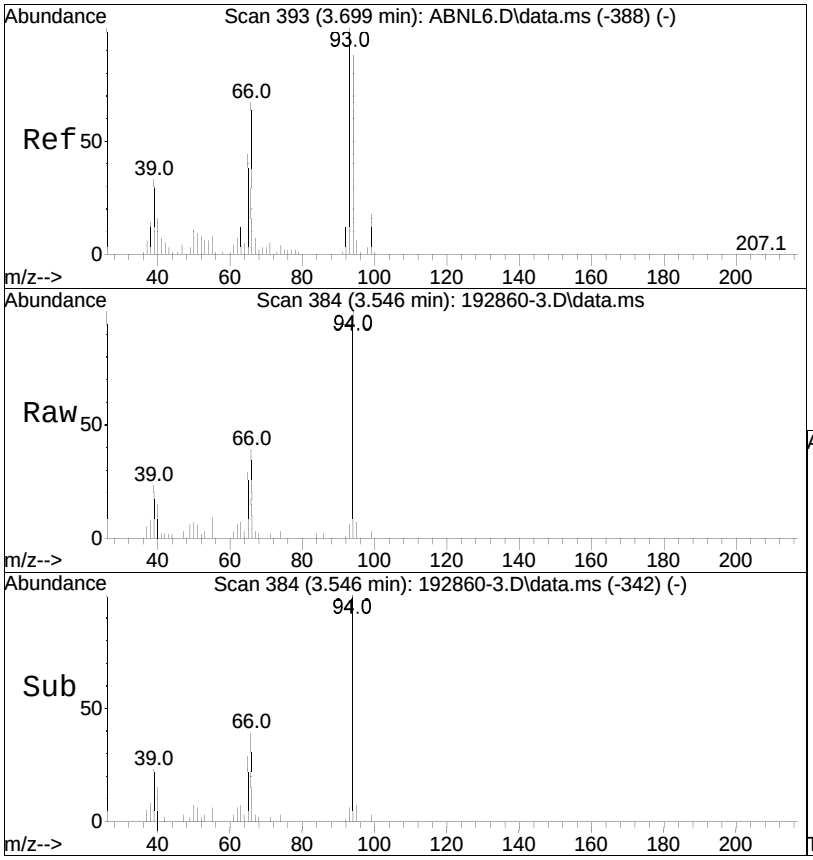


#6
2-Chlorophenol
Concen: 1.74 ug/ml
RT: 3.640 min Scan# 400
Delta R.T. 0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:128 Resp: 9834

Ion	Ratio	Lower	Upper
128	100		
64	45.7	38.2	57.4
130	32.1	26.2	39.2

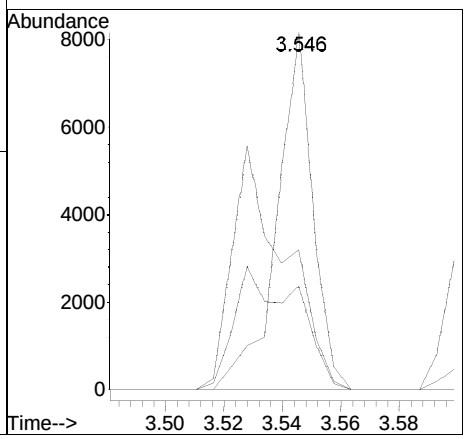


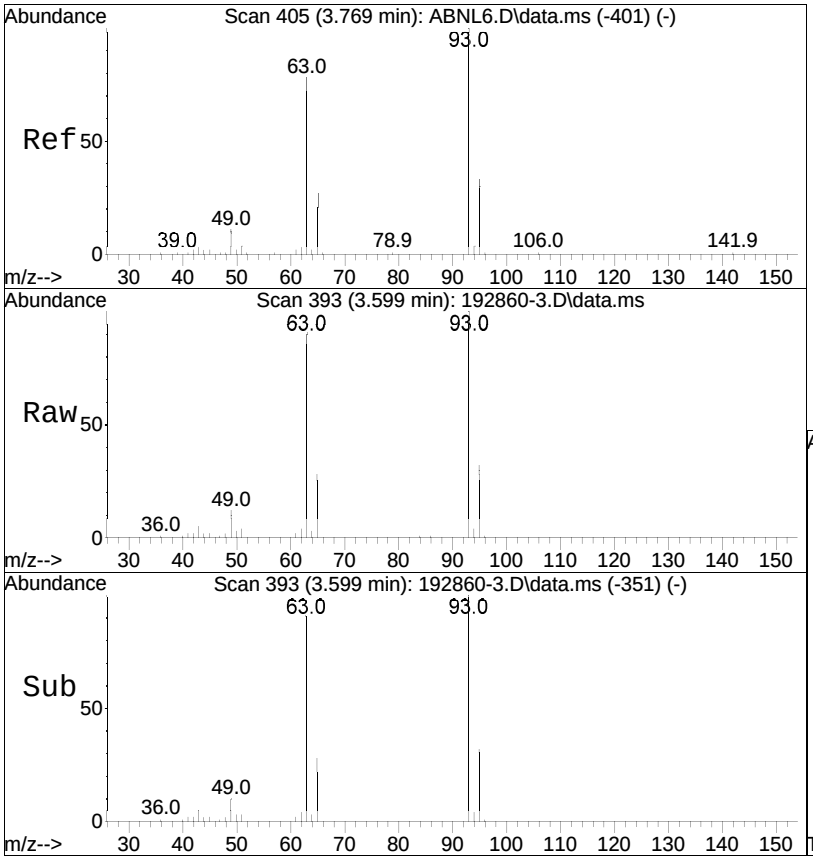


#8
Phenol
Concen: 0.95 ug/ml
RT: 3.546 min Scan# 384
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 94 Resp: 6940

Ion	Ratio	Lower	Upper
94	100		
65	59.5	23.0	34.6#
66	99.5	32.1	48.1#

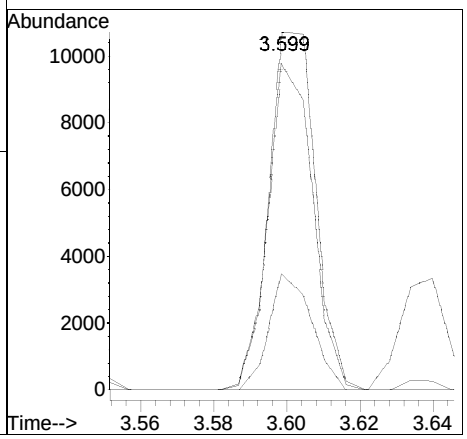


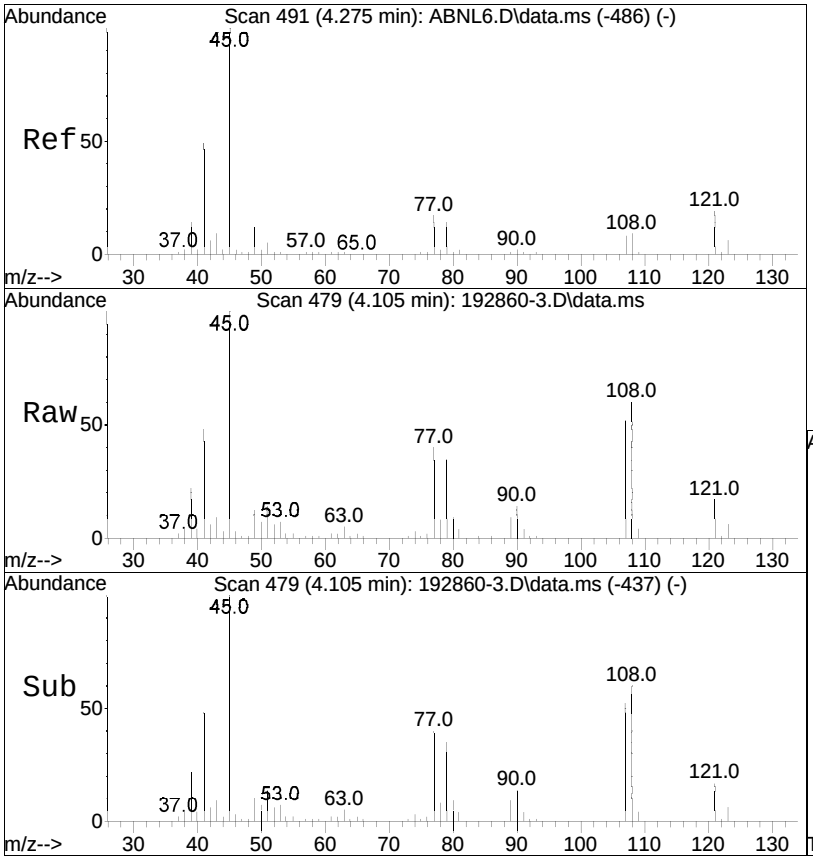


#9
Bis(2-chloroethyl)ether
Concen: 1.75 ug/ml
RT: 3.599 min Scan# 393
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 93 Resp: 9441

Ion	Ratio	Lower	Upper
93	100		
63	87.5	67.0	100.4
95	29.8	26.1	39.1

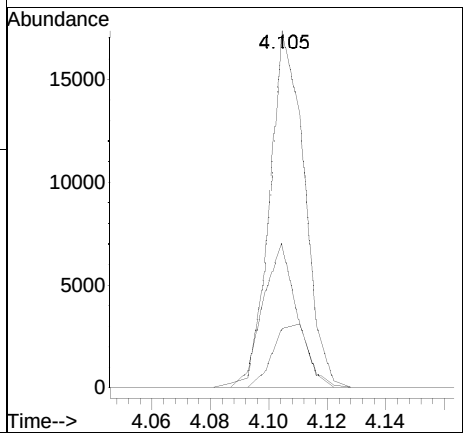


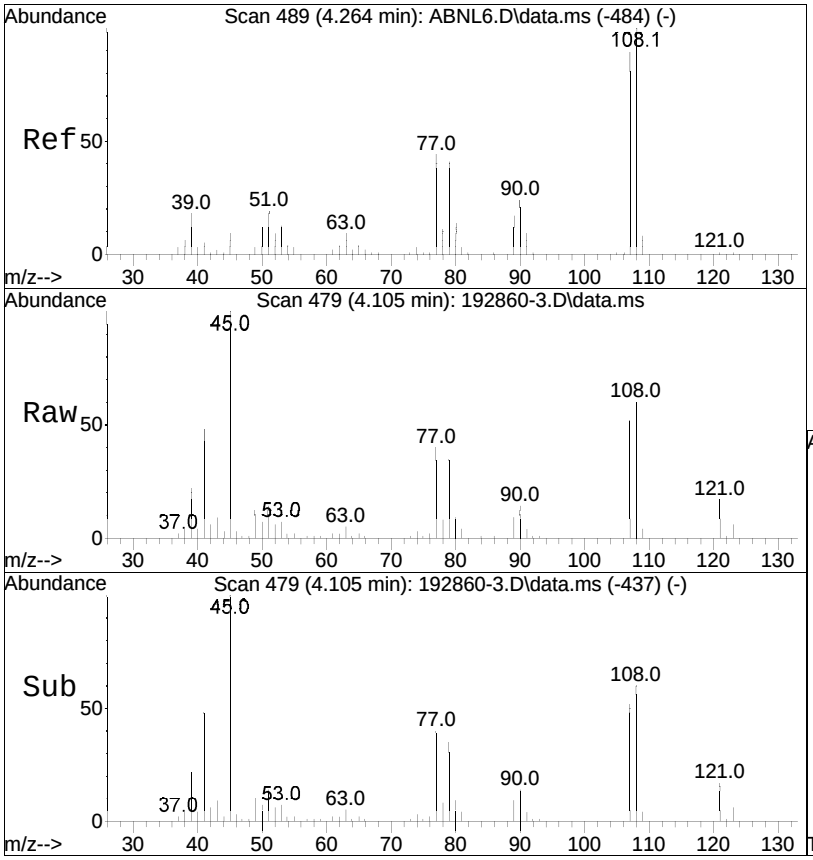


#14
Bis(2-chloroisopropyl)ether
Concen: 1.77 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 45 Resp: 14210

Ion	Ratio	Lower	Upper
45	100		
121	18.9	14.8	22.2
77	40.1	10.5	15.7#

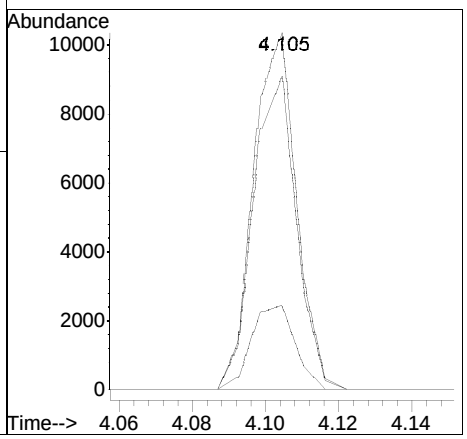


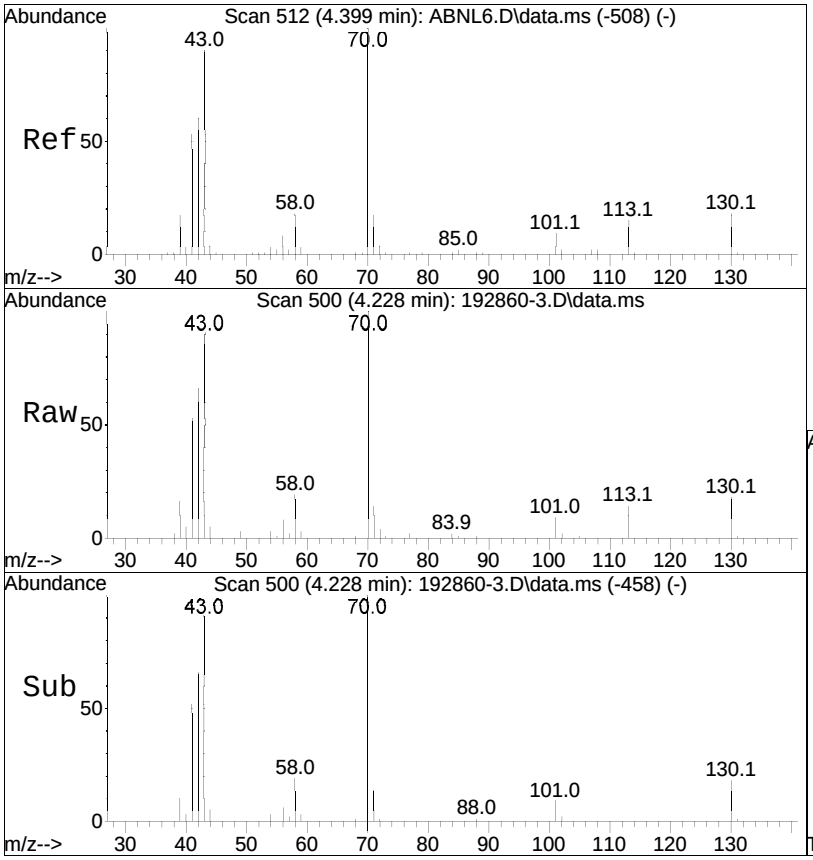


#15
2-Methylphenol
Concen: 1.69 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:108 Resp: 8380

Ion	Ratio	Lower	Upper
108	100		
107	88.4	71.0	106.4
90	24.2	19.7	29.5

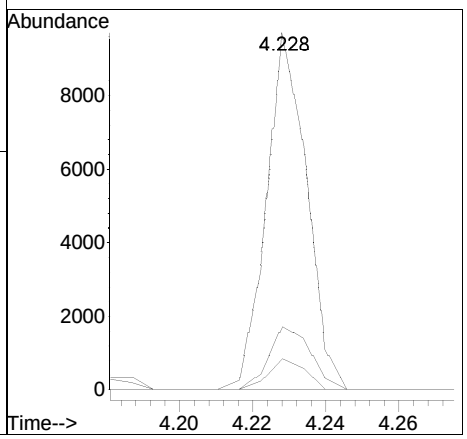


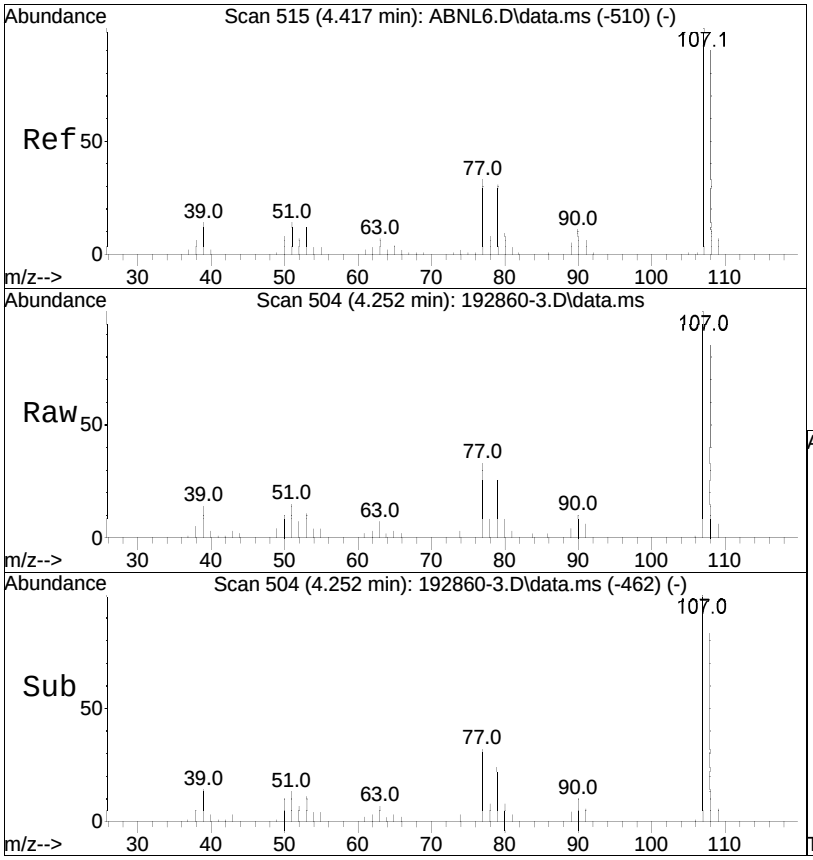


#17
n-Nitrosodi-n-propylamine
Concen: 1.73 ug/ml
RT: 4.228 min Scan# 500
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 70 Resp: 7385

Ion	Ratio	Lower	Upper
70	100		
130	18.3	16.2	24.4
101	7.8	7.6	11.4

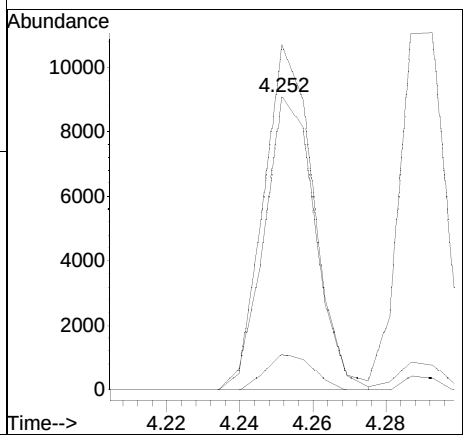


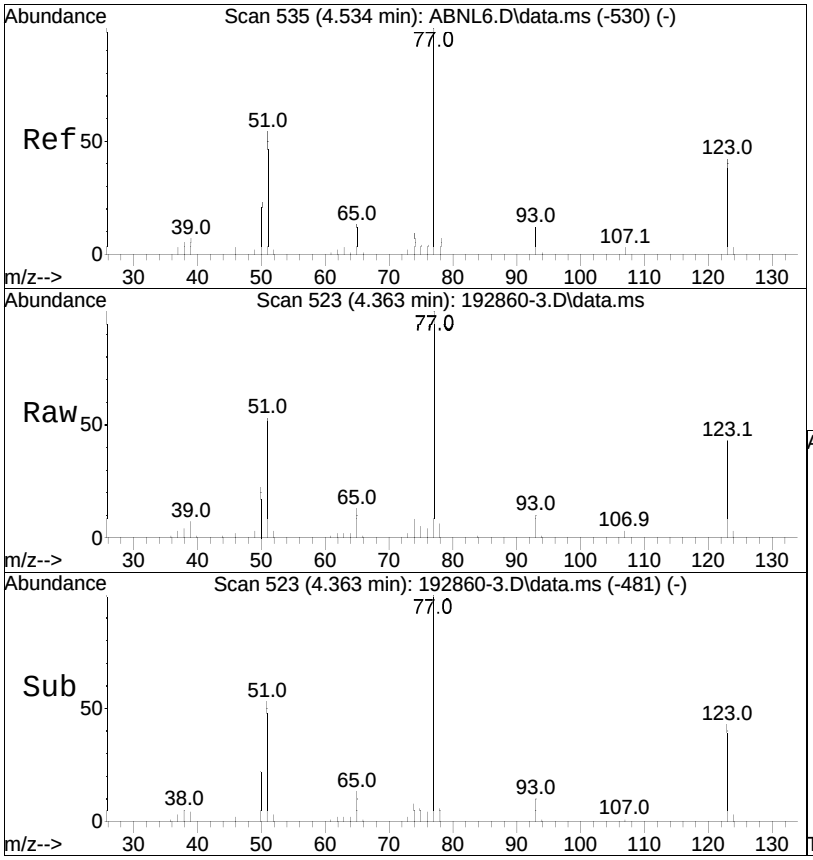


#18
3-Methylphenol/4-Methylphenol
Concen: 1.65 ug/ml
RT: 4.252 min Scan# 504
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:108 Resp: 8774

Ion	Ratio	Lower	Upper
108	100		
107	115.5	88.8	133.2
90	11.2	9.0	13.6

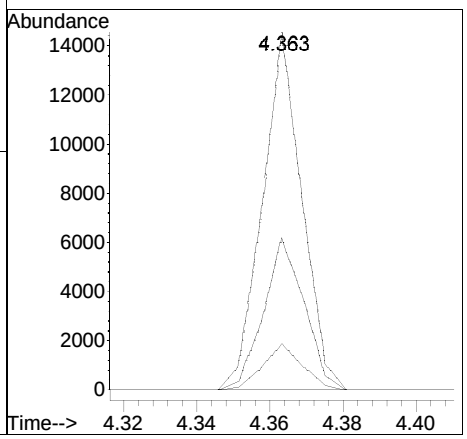


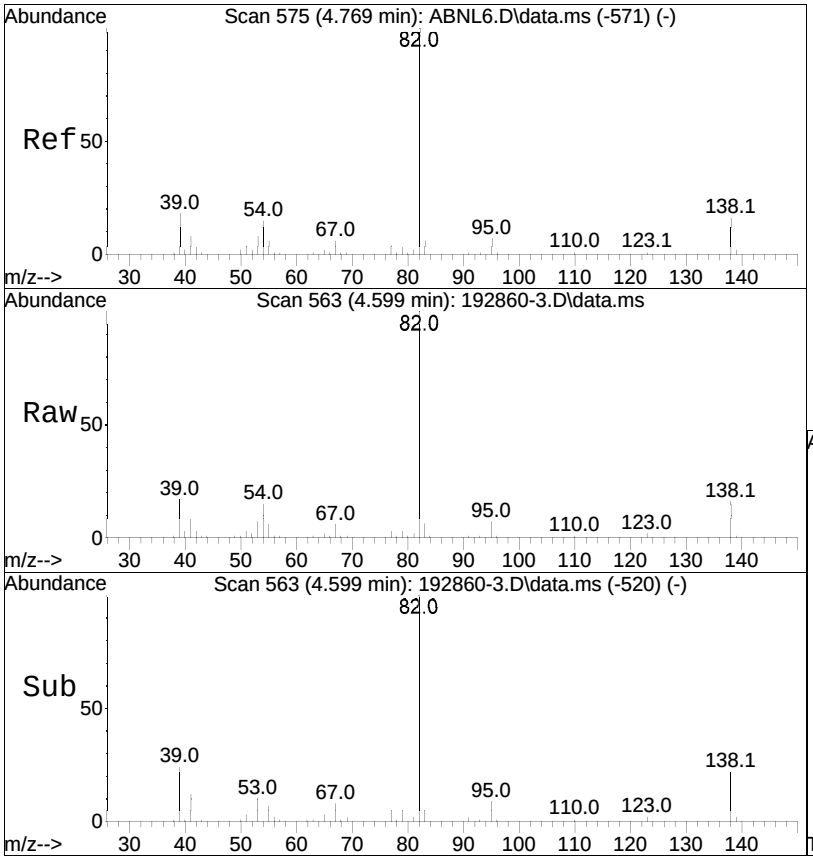


#20
Nitrobenzene
Concen: 1.92 ug/ml
RT: 4.363 min Scan# 523
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 77 Resp: 10764

Ion	Ratio	Lower	Upper
77	100		
123	43.8	37.3	55.9
65	13.1	10.9	16.3

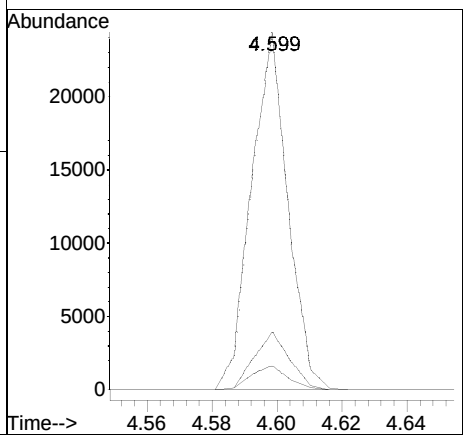


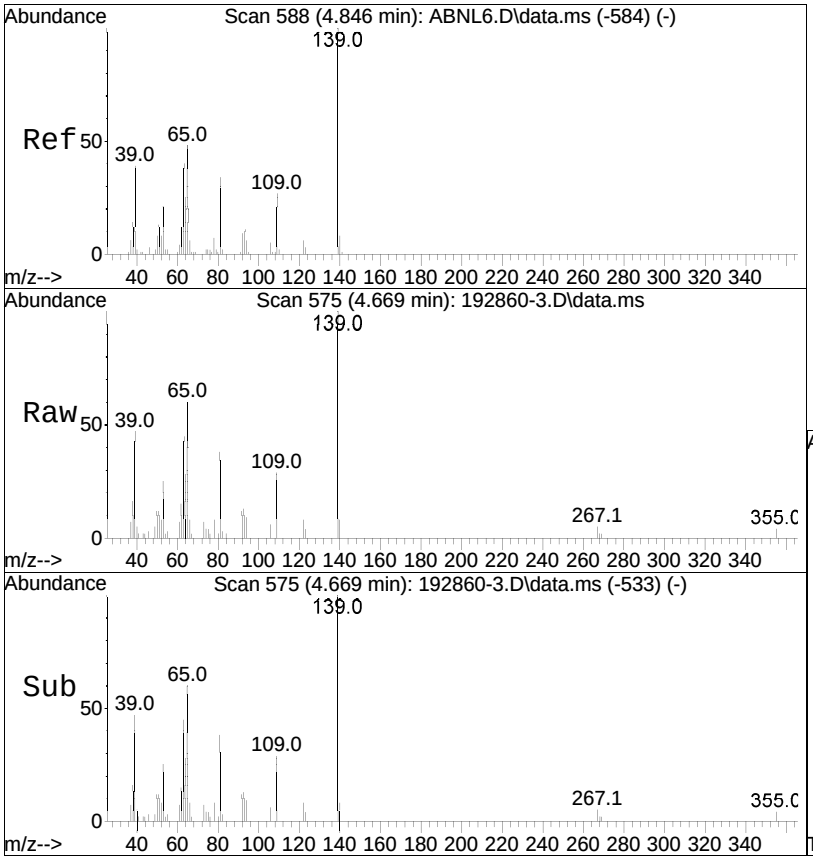


#21
Isophorone
Concen: 1.54 ug/ml
RT: 4.599 min Scan# 563
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 82 Resp: 18743

Ion	Ratio	Lower	Upper
82	100		
138	15.8	13.0	19.4
95	6.9	5.5	8.3

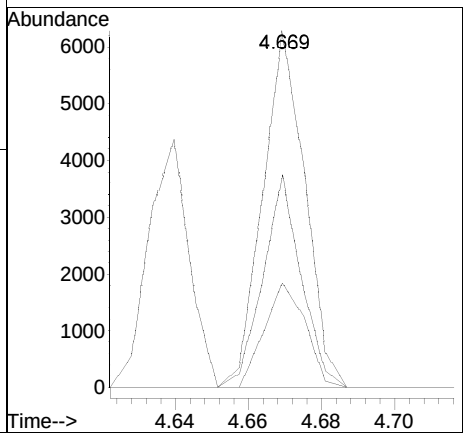


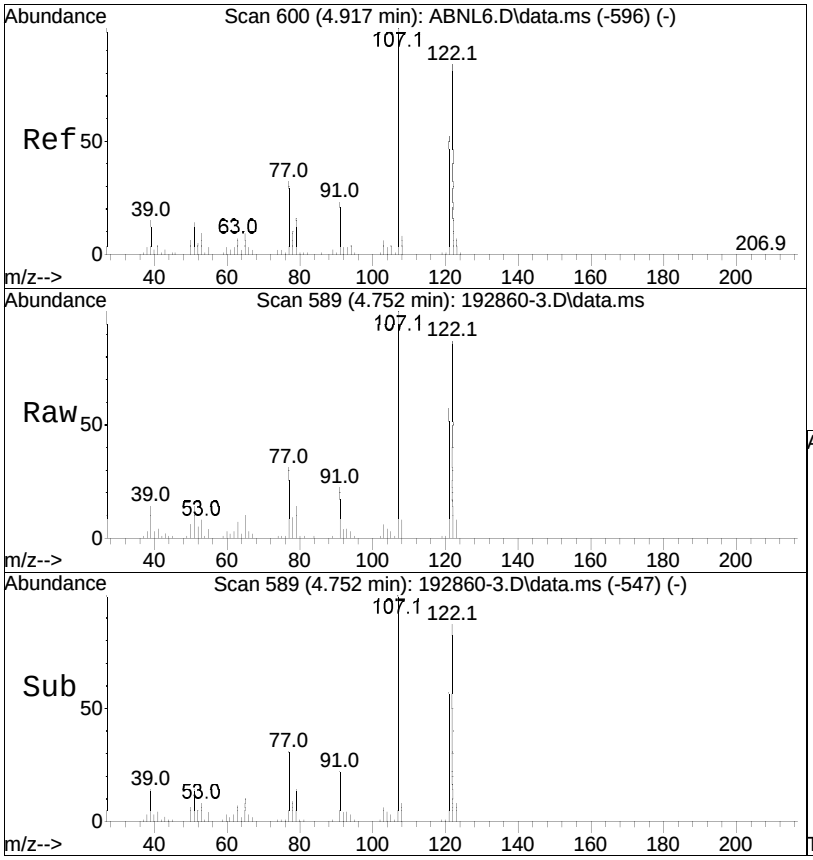


#22
2-Nitrophenol
Concen: 2.05 ug/ml
RT: 4.669 min Scan# 575
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:139 Resp: 5024

Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.1	34.7
65	54.1	41.4	62.2

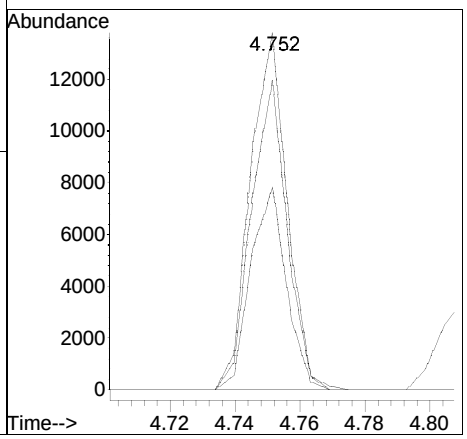


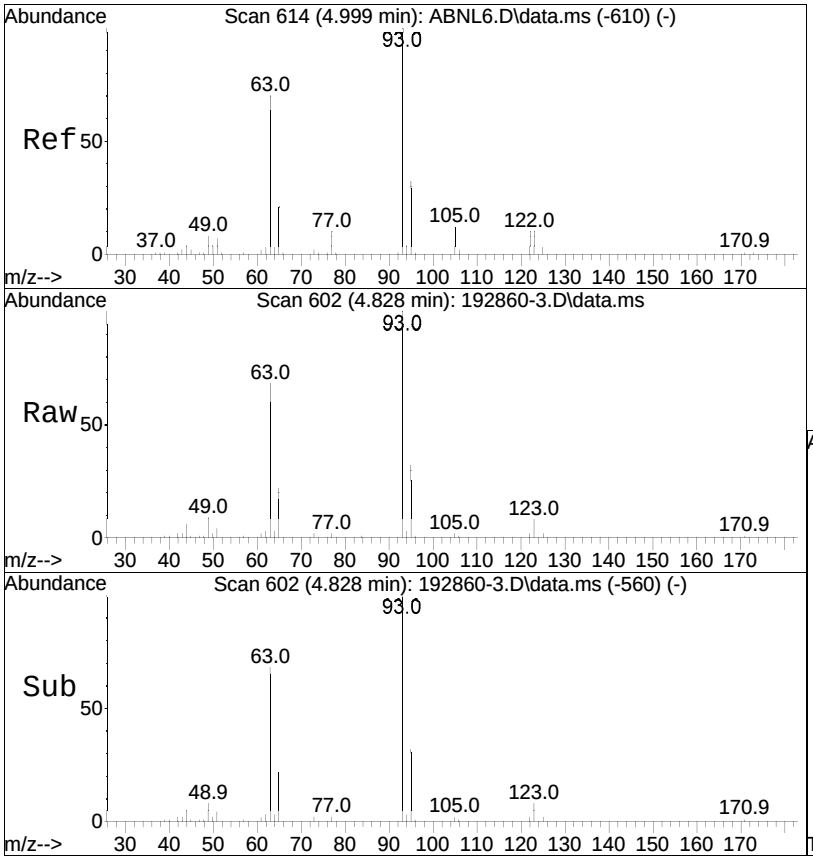


#23
2,4-Dimethylphenol
Concen: 1.84 ug/ml
RT: 4.752 min Scan# 589
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:107 Resp: 10801

Ion	Ratio	Lower	Upper
107	100		
121	55.0	41.3	61.9
122	83.7	69.3	103.9

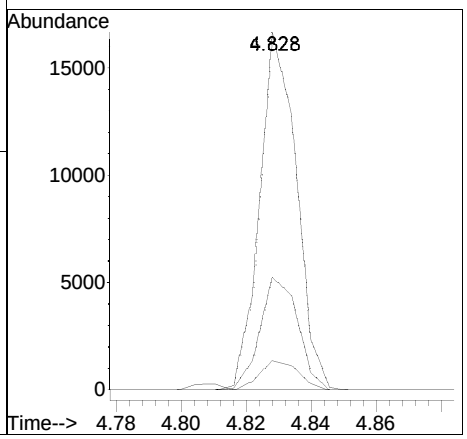


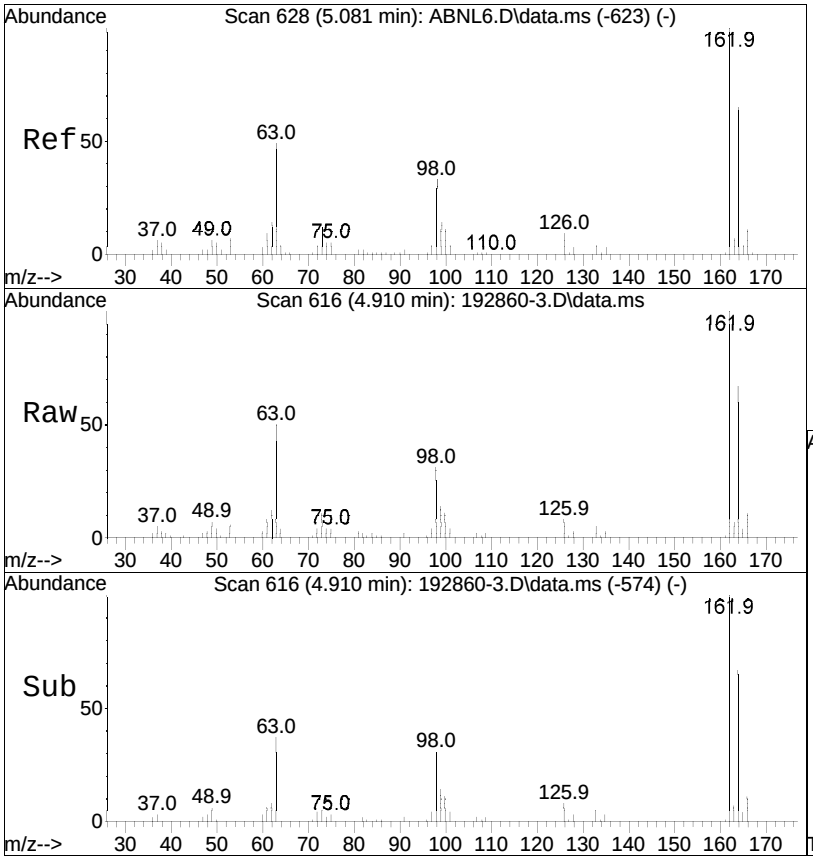


#24
Bis(2-chloroethoxy)methane
Concen: 1.71 ug/ml
RT: 4.828 min Scan# 602
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 93 Resp: 12910

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.3	9.6	14.4

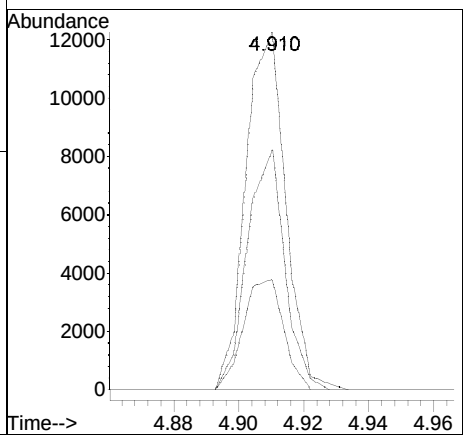


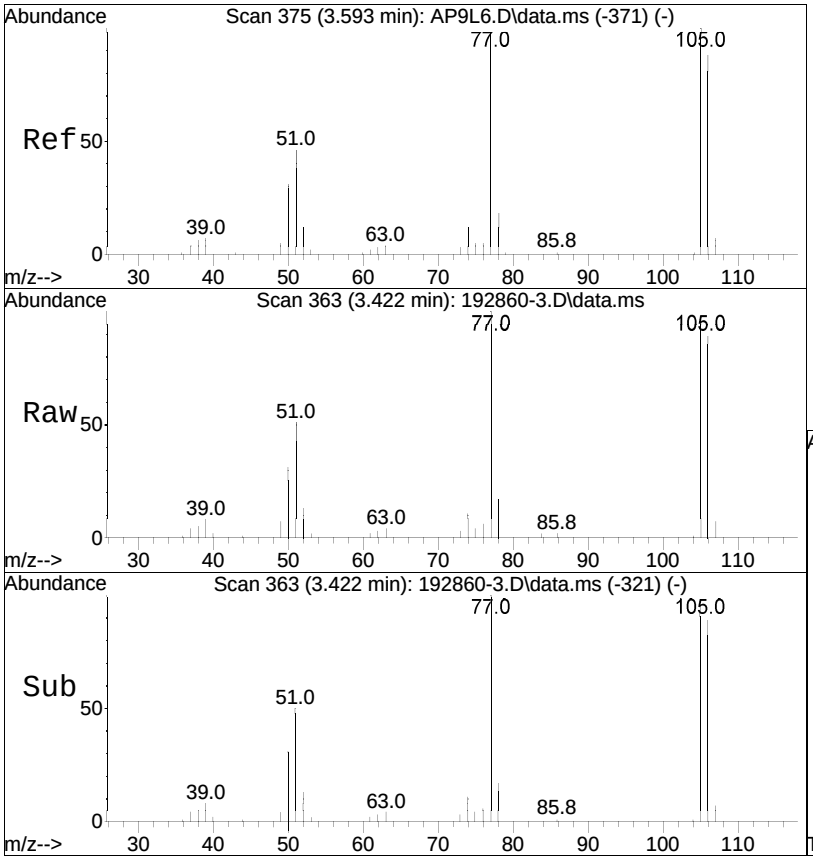


#25
2,4-Dichlorophenol
Concen: 1.87 ug/ml
RT: 4.910 min Scan# 616
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:162 Resp: 10367

Ion	Ratio	Lower	Upper
162	100		
164	63.0	51.1	76.7
98	31.3	32.2	48.2#

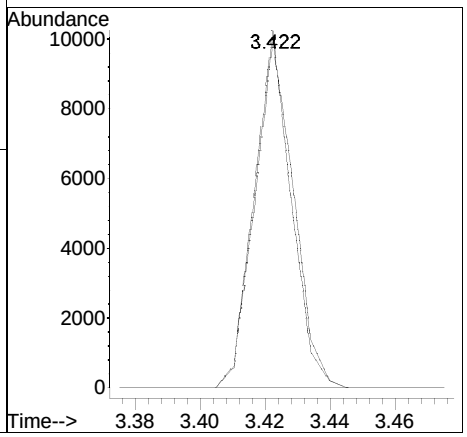


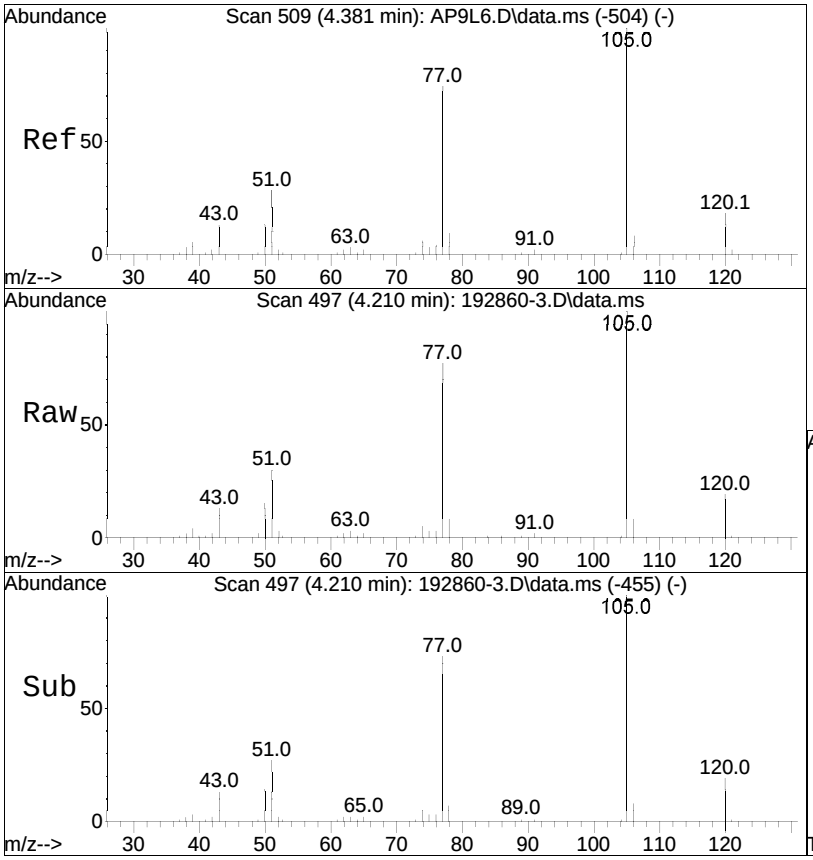


#28
Benzaldehyde
Concen: 1.72 ug/ml
RT: 3.422 min Scan# 363
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:105 Resp: 8189

Ion	Ratio	Lower	Upper
105	100		
77	97.3	77.0	115.6

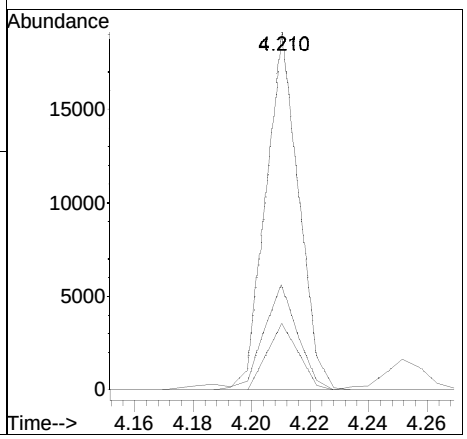


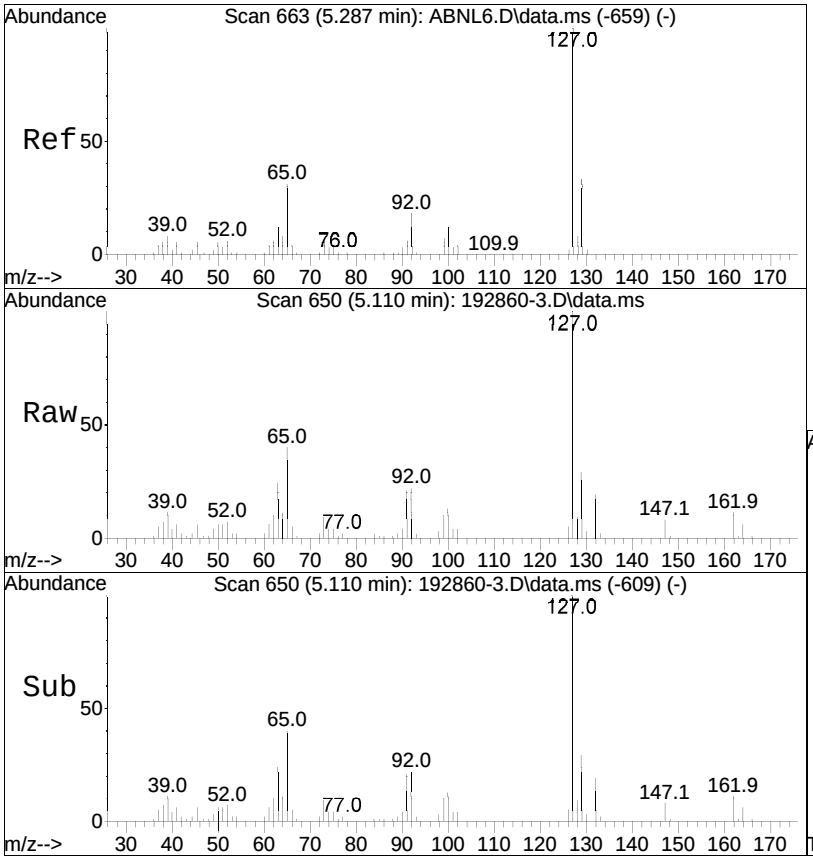


#29
Acetophenone
Concen: 1.79 ug/ml
RT: 4.210 min Scan# 497
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:105 Resp: 14866

Ion	Ratio	Lower	Upper
105	100		
120	17.7	15.2	22.8
51	31.8	23.1	34.7

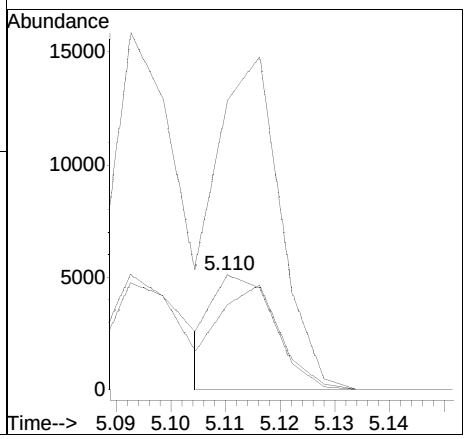


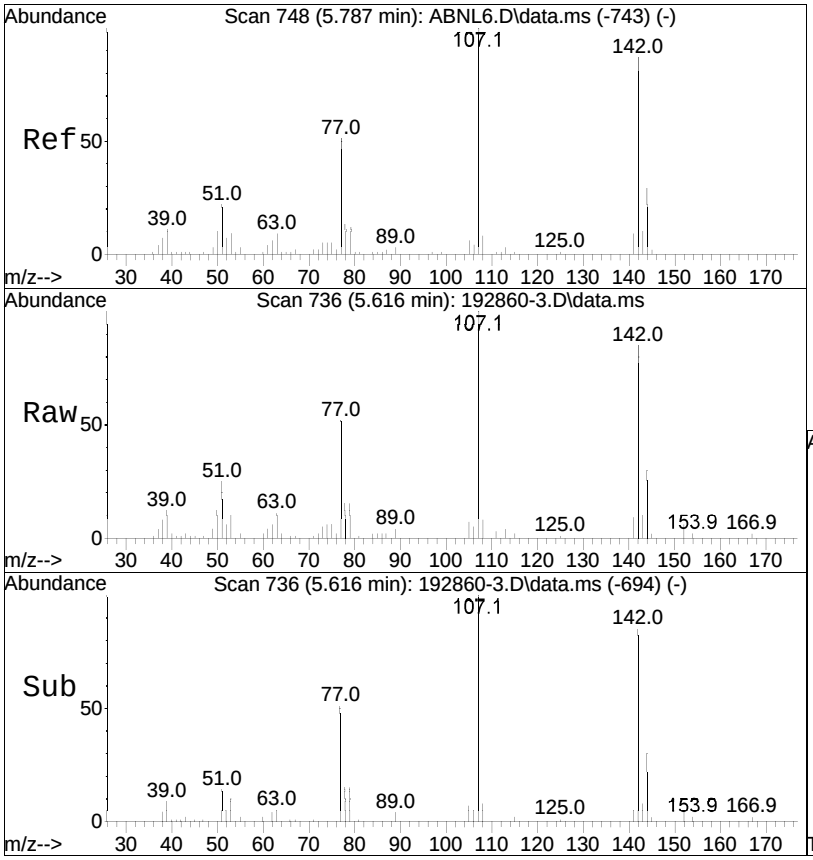


#38
4-Chloroaniline
Concen: 1.67 ug/ml M3
RT: 5.110 min Scan# 650
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 65 Resp: 3861

Ion	Ratio	Lower	Upper
65	100		
127	351.1	266.2	399.4
129	111.3	85.0	127.4

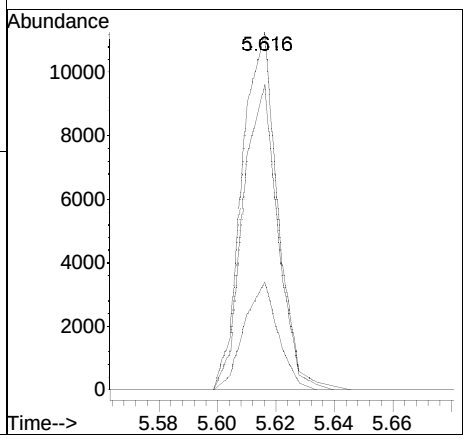


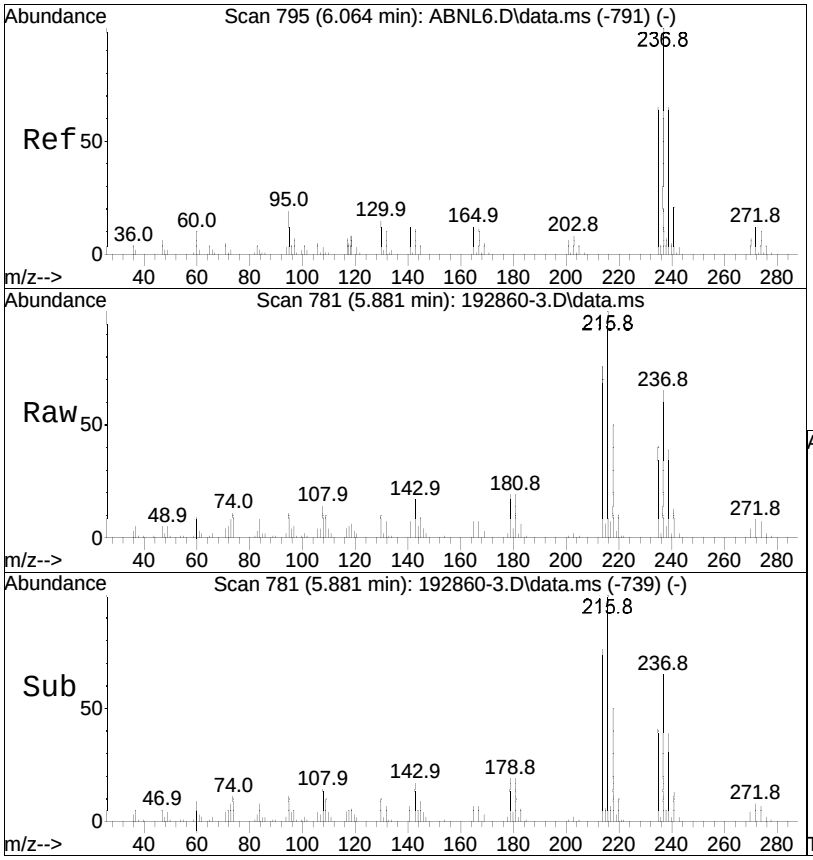


#40
p-Chloro-m-cresol
Concen: 1.83 ug/ml
RT: 5.616 min Scan# 736
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:107 Resp: 9474

Ion	Ratio	Lower	Upper
107	100		
144	28.8	20.3	30.5
142	83.1	63.8	95.6

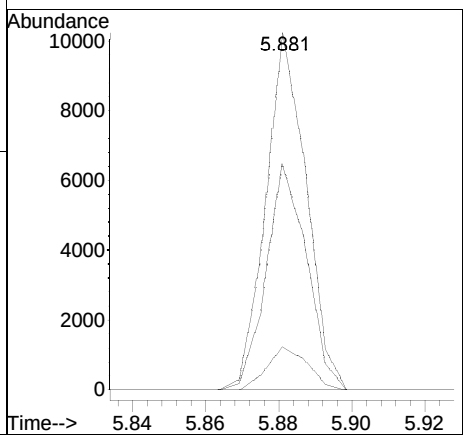


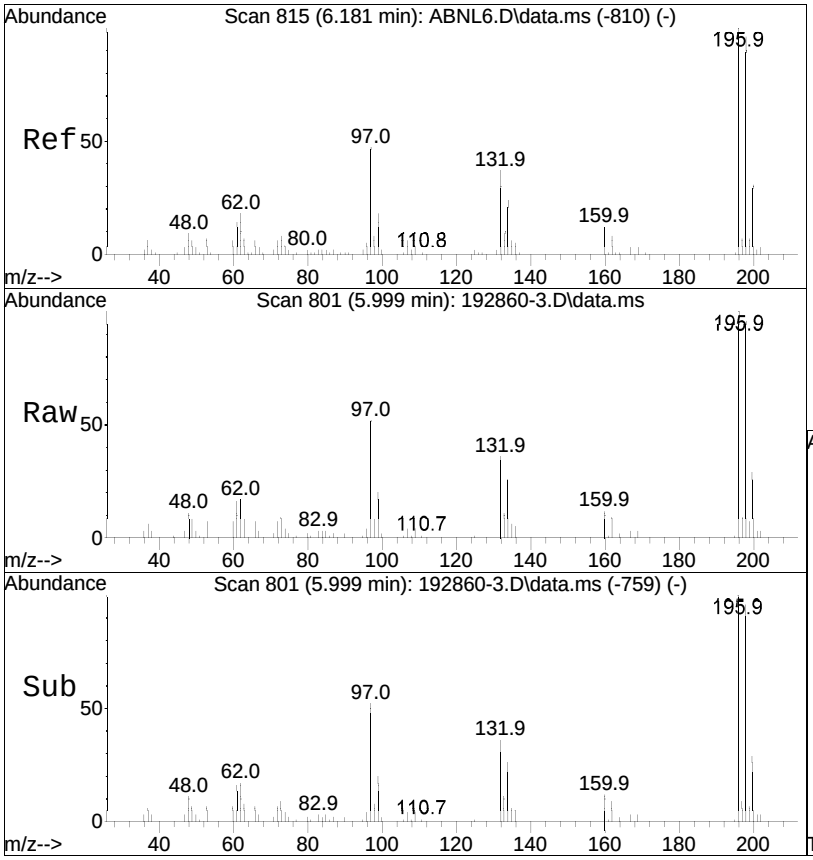


#43
Hexachlorocyclopentadiene
Concen: 1.57 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:237 Resp: 7780

Ion	Ratio	Lower	Upper
237	100		
235	63.5	50.9	76.3
272	12.3	10.1	15.1

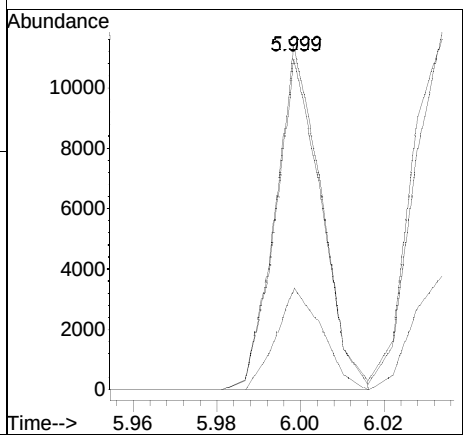


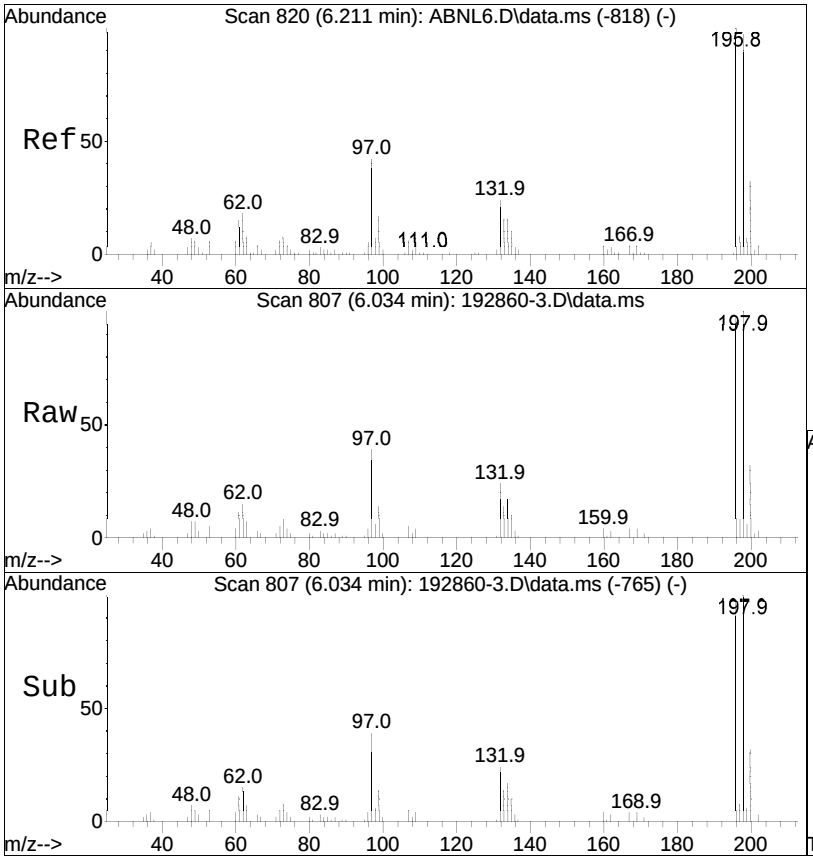


#44
2,4,6-Trichlorophenol
Concen: 1.86 ug/ml
RT: 5.999 min Scan# 801
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:196 Resp: 8731

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.4	114.6
200	29.6	24.4	36.6

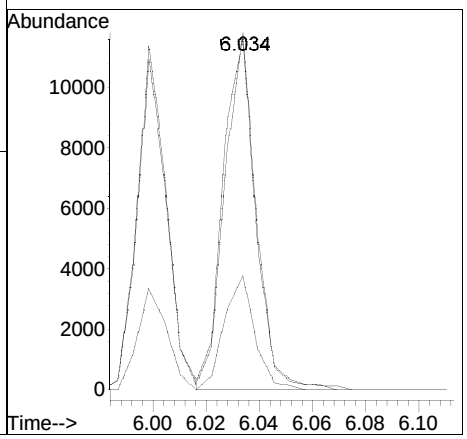


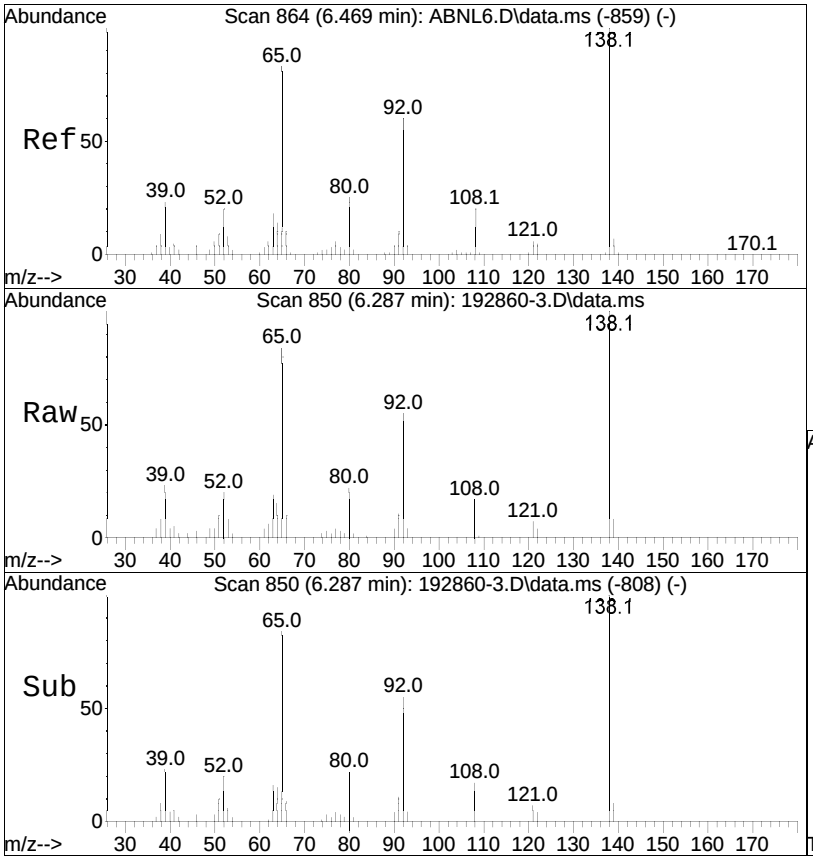


#45
2,4,5-Trichlorophenol
Concen: 1.98 ug/ml
RT: 6.034 min Scan# 807
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:196 Resp: 9941

Ion	Ratio	Lower	Upper
196	100		
200	30.5	24.2	36.4
198	96.9	76.2	114.2

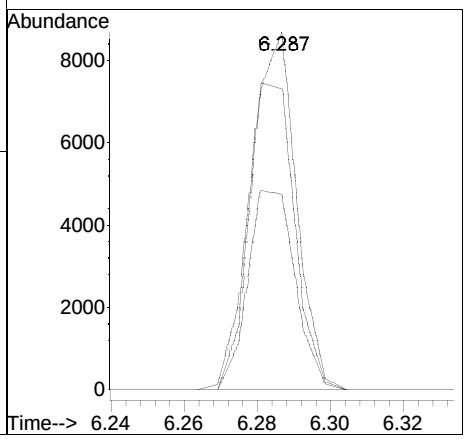


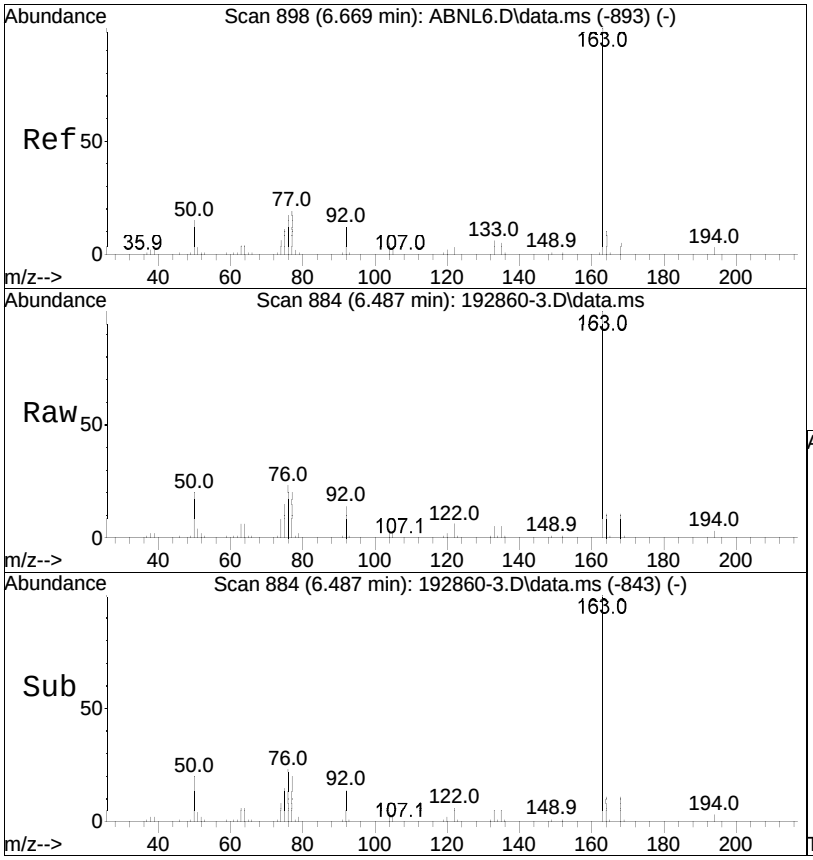


#48
2-Nitroaniline
Concen: 2.20 ug/ml
RT: 6.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:138 Resp: 7243

Ion	Ratio	Lower	Upper
138	100		
92	59.9	52.1	78.1
65	92.8	75.9	113.9

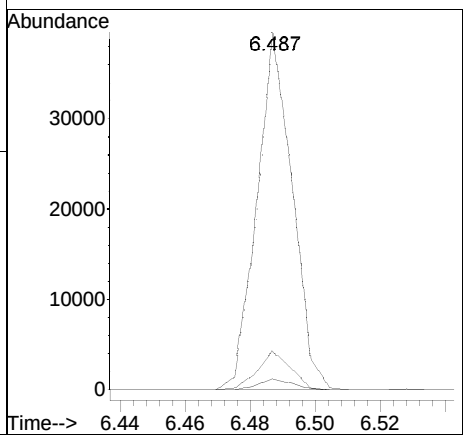


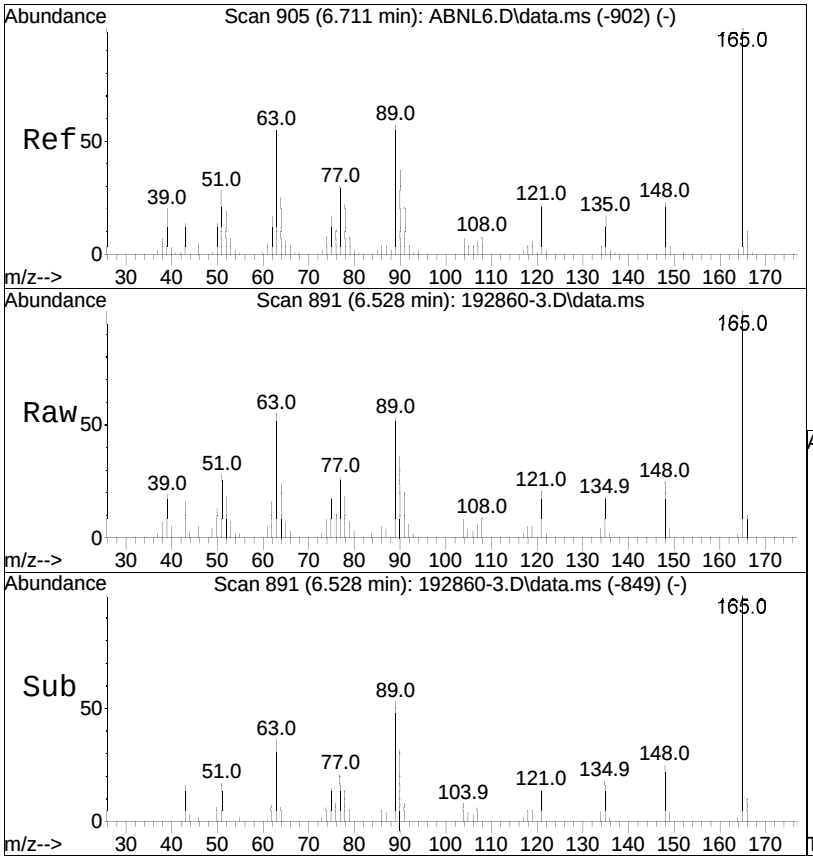


#51
Dimethyl phthalate
Concen: 1.67 ug/ml
RT: 6.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:163 Resp: 29504

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	10.4	8.2	12.2

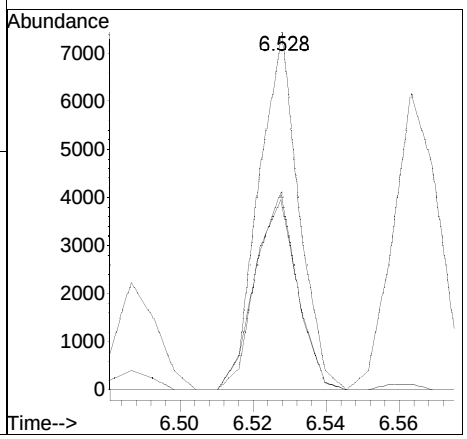


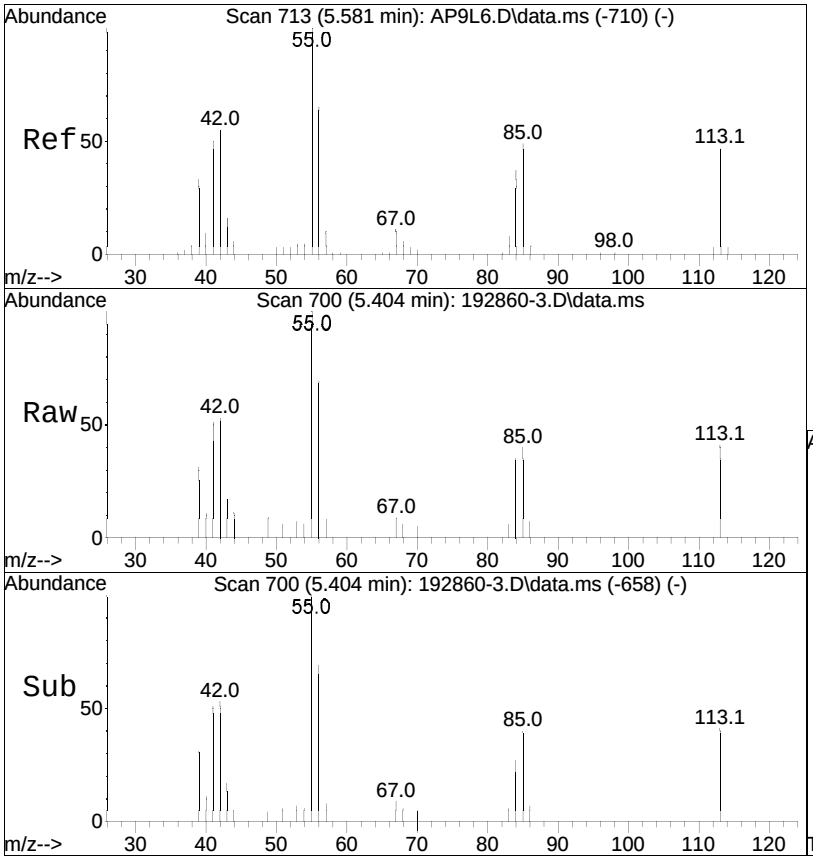


#53
2,6-Dinitrotoluene
Concen: 1.89 ug/ml
RT: 6.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:165 Resp: 5670

Ion	Ratio	Lower	Upper
165	100		
89	56.1	48.8	73.2
63	57.9	50.5	75.7

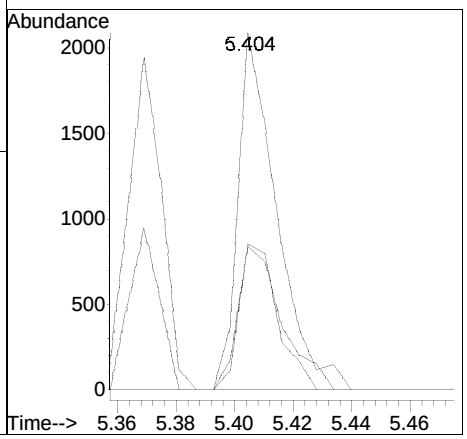


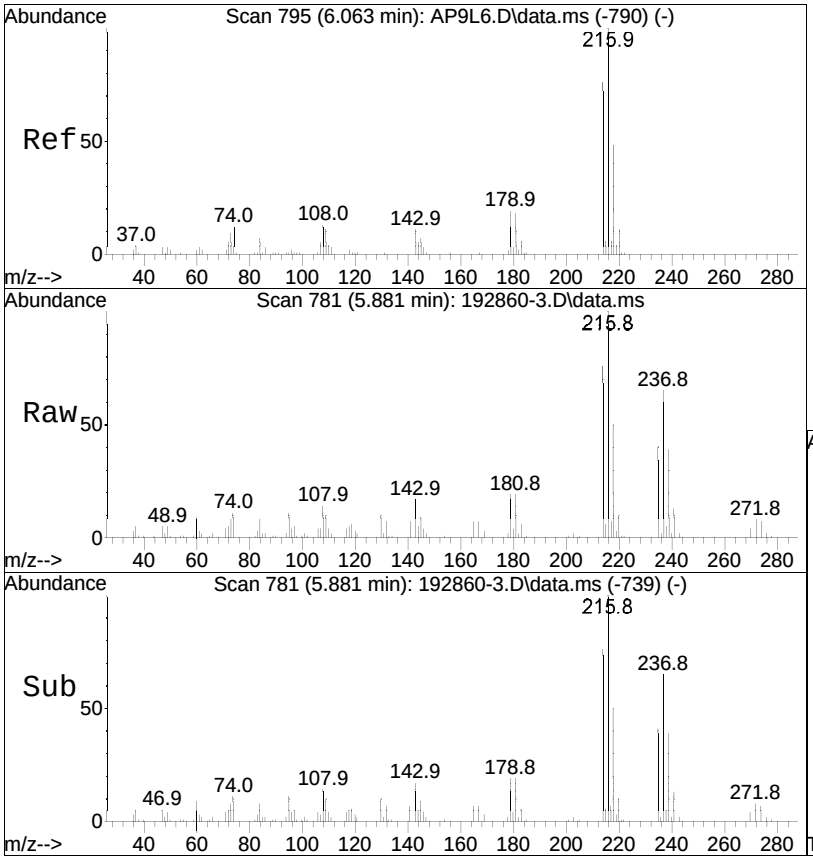


#60
Caprolactam
Concen: 0.69 ug/ml
RT: 5.404 min Scan# 700
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 55 Resp: 1922

Ion	Ratio	Lower	Upper
55	100		
85	45.6	35.2	52.8
113	40.5	36.6	55.0

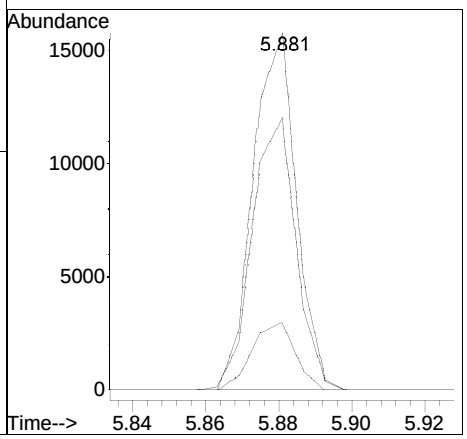


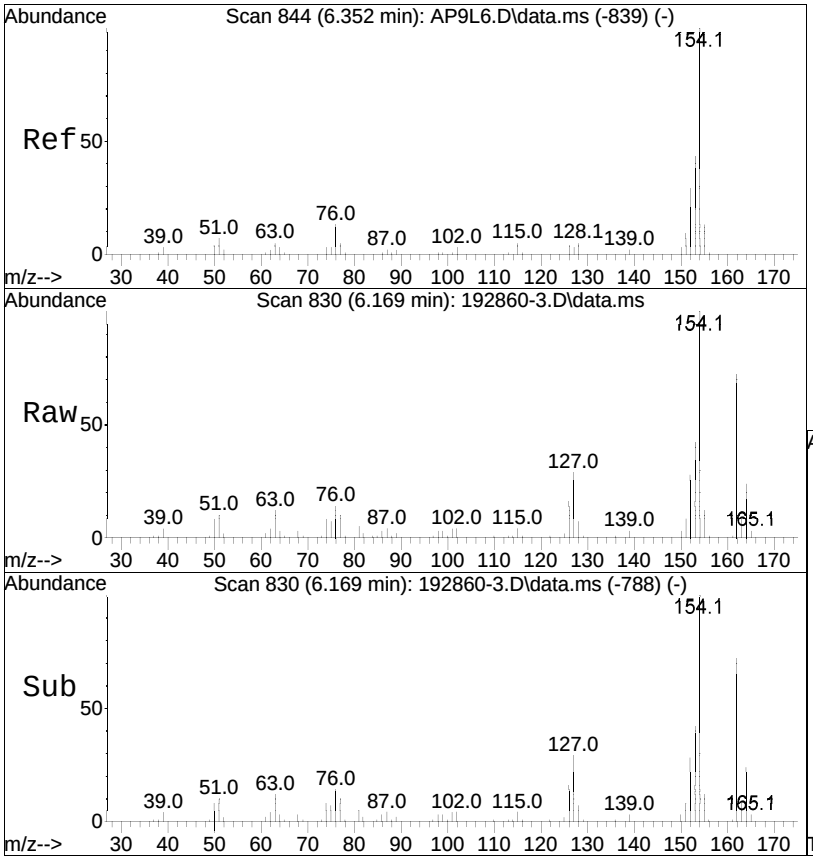


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.70 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:216 Resp: 12937

Ion	Ratio	Lower	Upper
216	100		
214	77.3	64.0	96.0
179	19.0	18.7	28.1

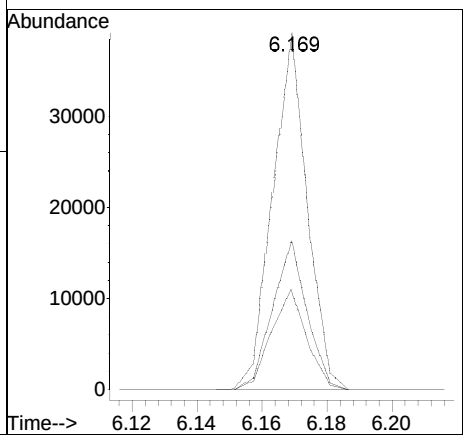


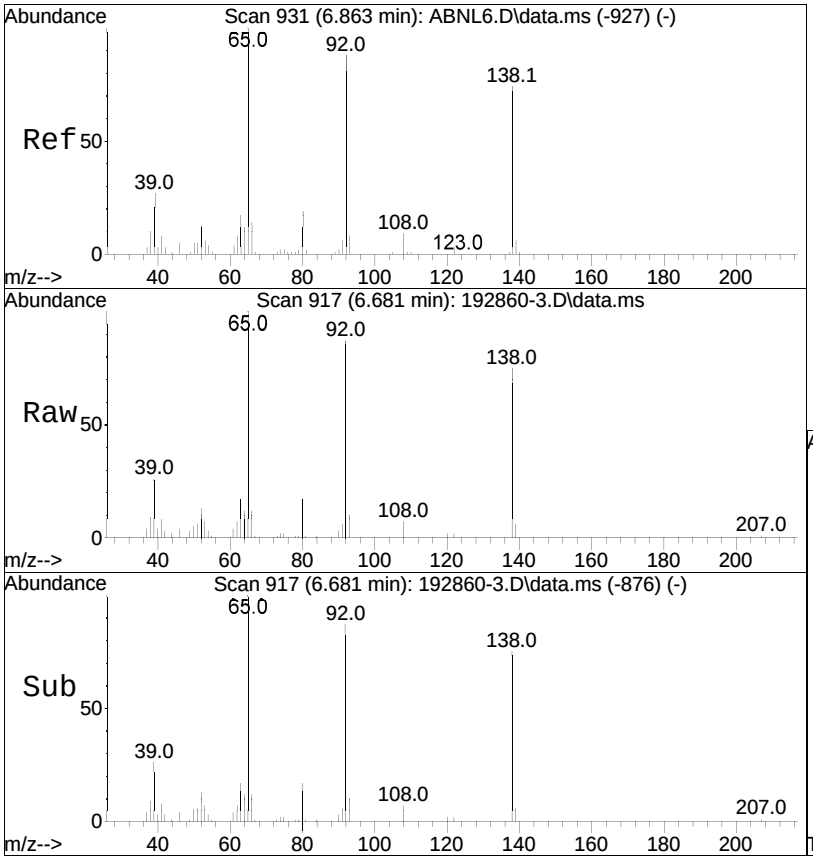


#62
Biphenyl
Concen: 1.75 ug/ml
RT: 6.169 min Scan# 830
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:154 Resp: 28680

Ion	Ratio	Lower	Upper
154	100		
153	41.8	32.5	48.7
152	29.0	22.6	34.0

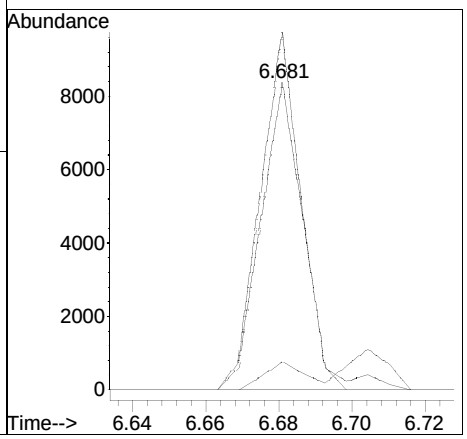


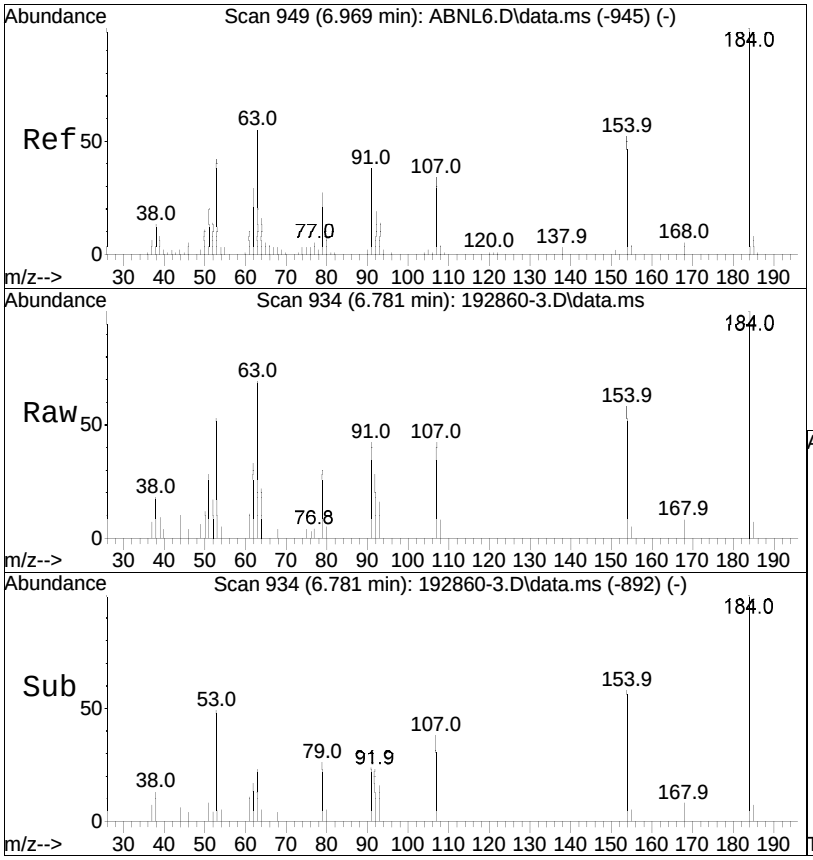


#64
3-Nitroaniline
Concen: 1.98 ug/ml
RT: 6.681 min Scan# 917
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:138 Resp: 6586

Ion	Ratio	Lower	Upper
138	100		
92	117.1	92.8	139.2
108	9.4	7.9	11.9

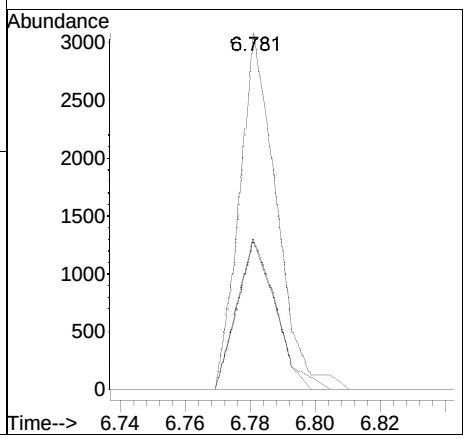


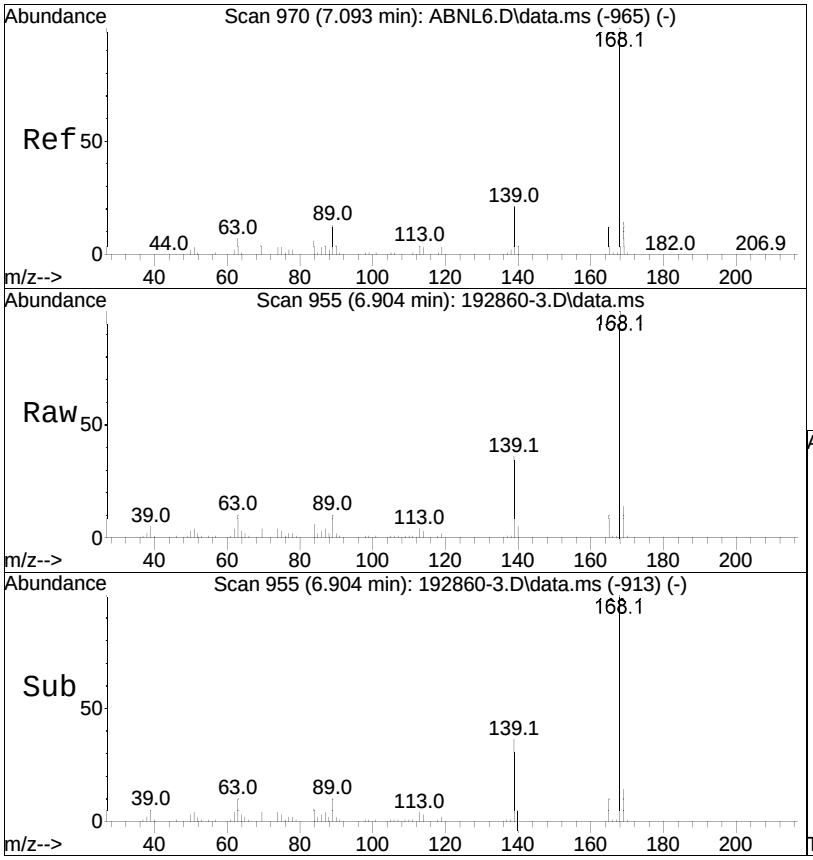


#66
2,4-Dinitrophenol
Concen: 1.53 ug/ml
RT: 6.781 min Scan# 934
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:184 Resp: 2428

Ion	Ratio	Lower	Upper
184	100		
107	43.5	41.8	62.6
91	43.9	44.2	66.2#

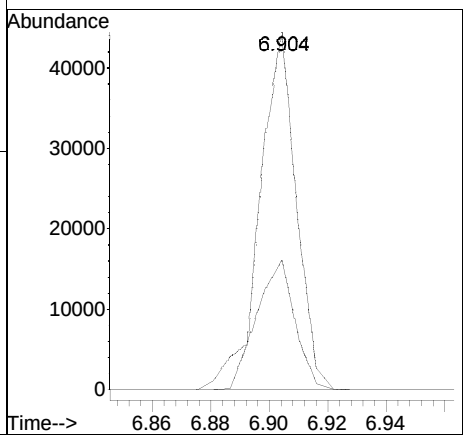


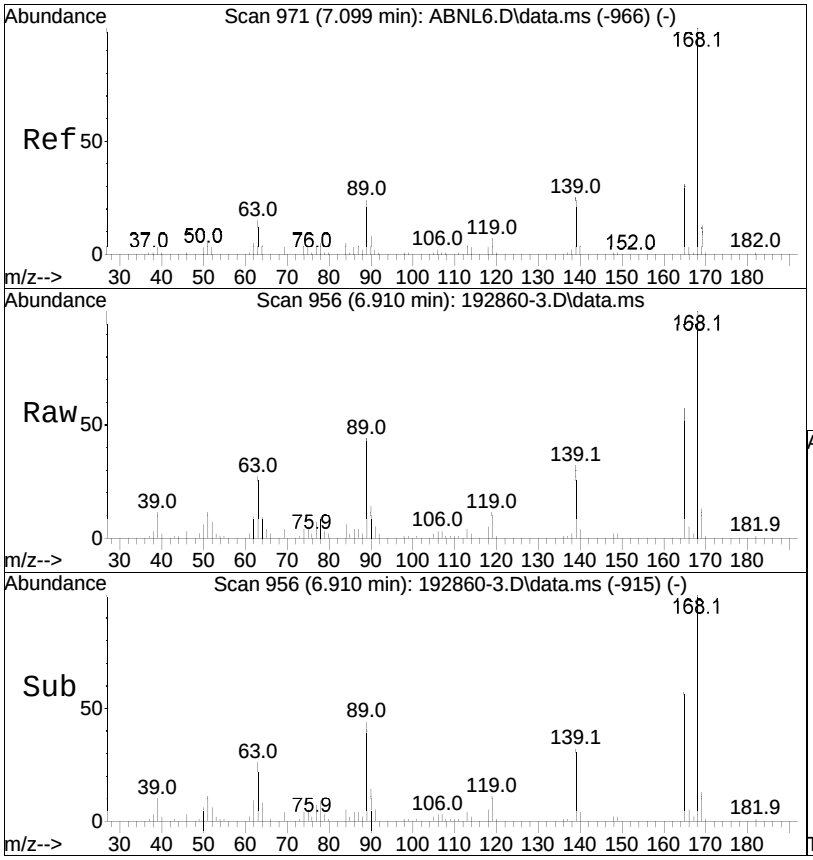


#67
Dibenzofuran
Concen: 1.67 ug/ml
RT: 6.904 min Scan# 955
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:168 Resp: 36399

Ion	Ratio	Lower	Upper
168	100		
139	45.1	32.3	48.5

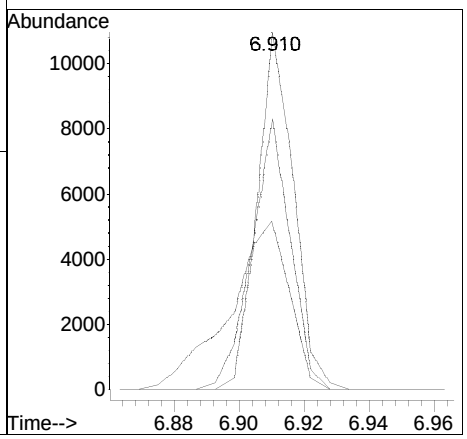


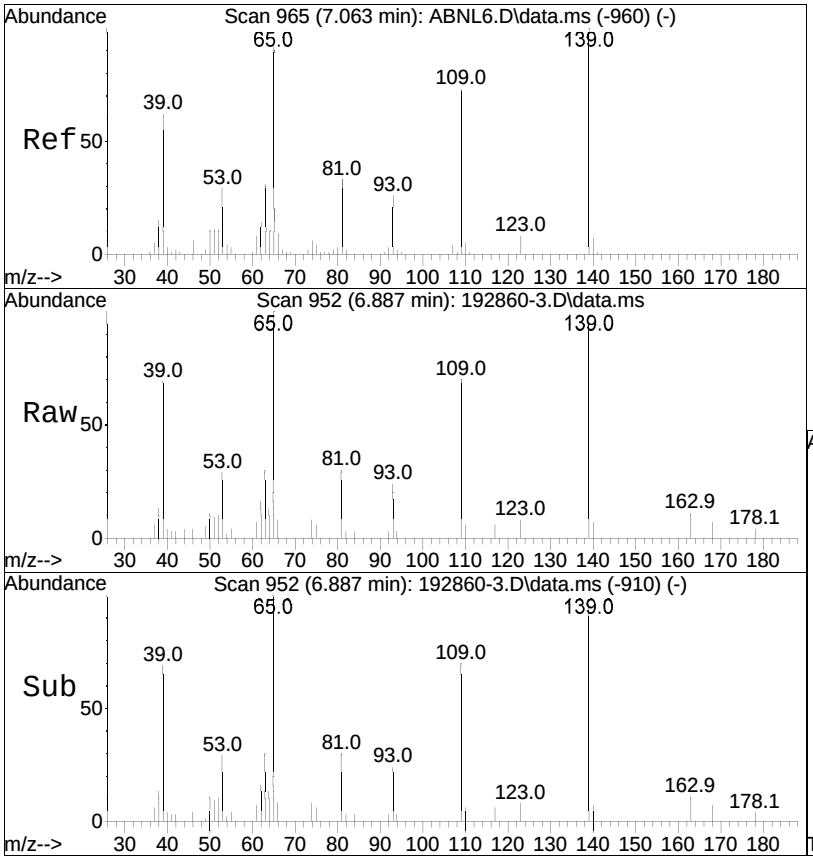


#68
2,4-Dinitrotoluene
Concen: 2.01 ug/ml
RT: 6.910 min Scan# 956
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:165 Resp: 8428

Ion	Ratio	Lower	Upper
165	100		
89	80.6	73.0	109.4
63	78.3	56.3	84.5

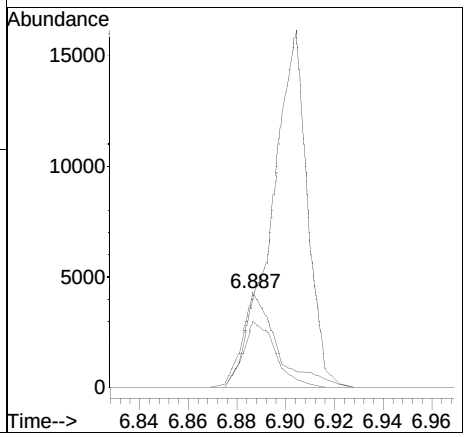


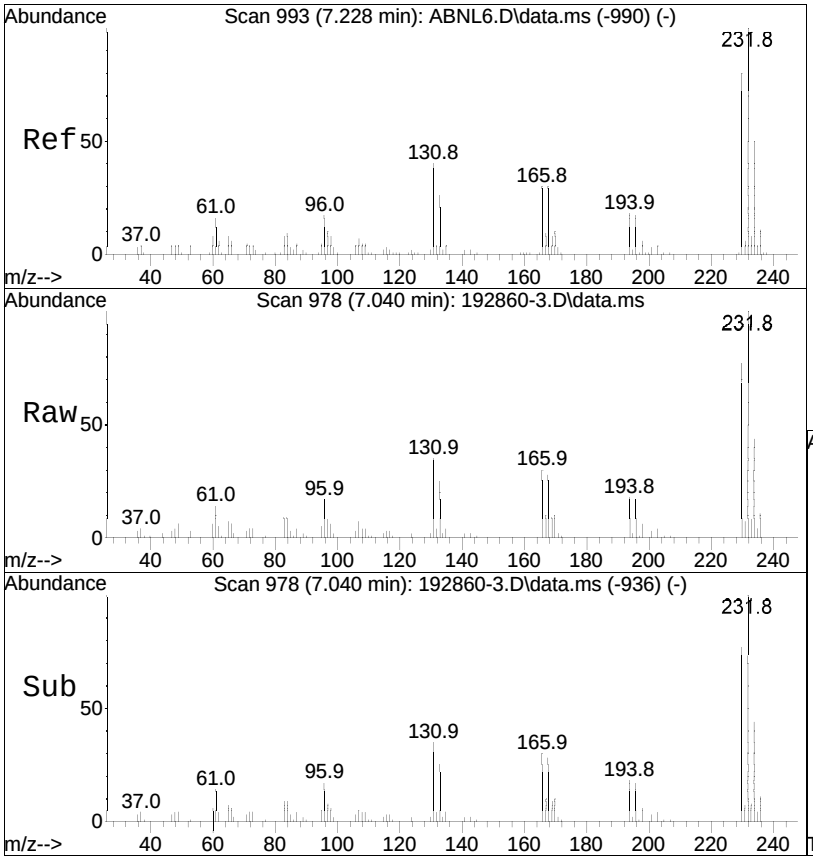


#69
4-Nitrophenol
Concen: 1.70 ug/ml
RT: 6.887 min Scan# 952
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion: 65 Resp: 4281

Ion	Ratio	Lower	Upper
65	100		
109	64.7	60.2	90.2
139	383.0	81.1	121.7#

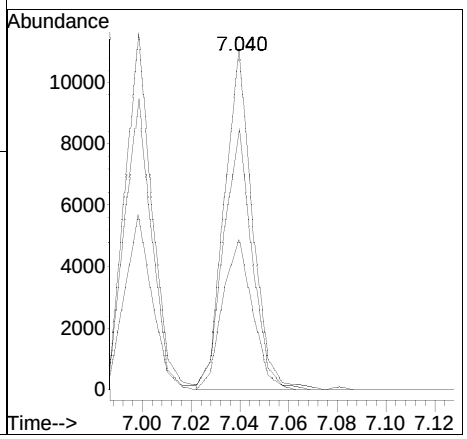


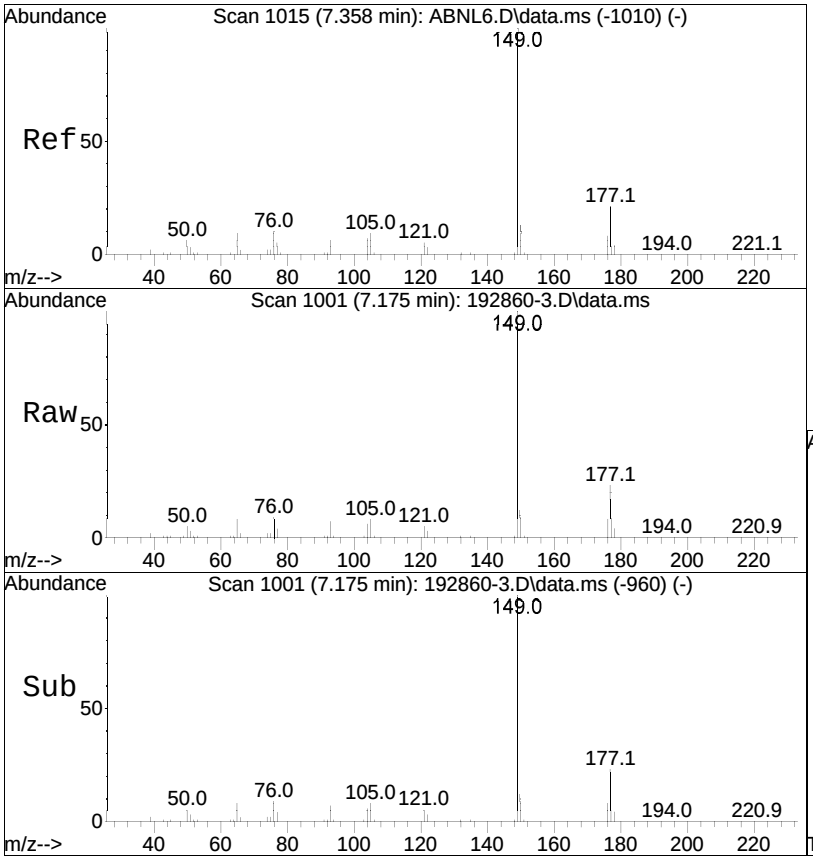


#71
2,3,4,6-Tetrachlorophenol
Concen: 1.95 ug/ml
RT: 7.040 min Scan# 978
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:232 Resp: 8885

Ion	Ratio	Lower	Upper
232	100		
230	77.9	63.8	95.8
234	47.3	39.0	58.6

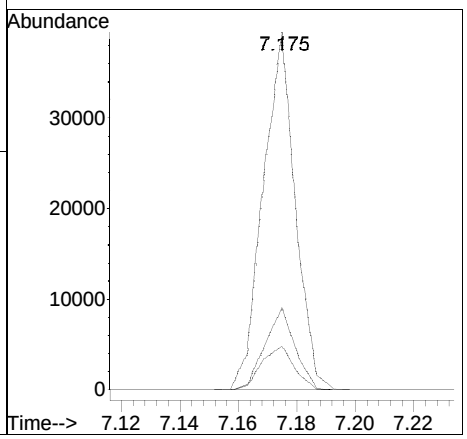


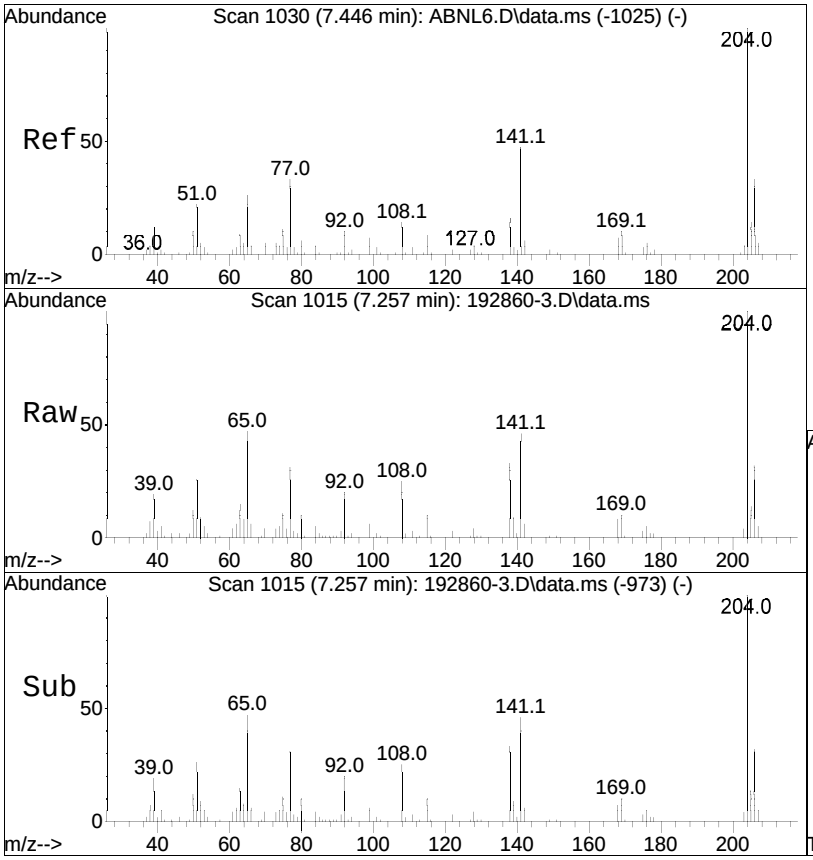


#72
Diethyl phthalate
Concen: 1.62 ug/ml
RT: 7.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:149 Resp: 29718

Ion	Ratio	Lower	Upper
149	100		
177	21.6	15.0	22.6
150	12.6	9.8	14.6

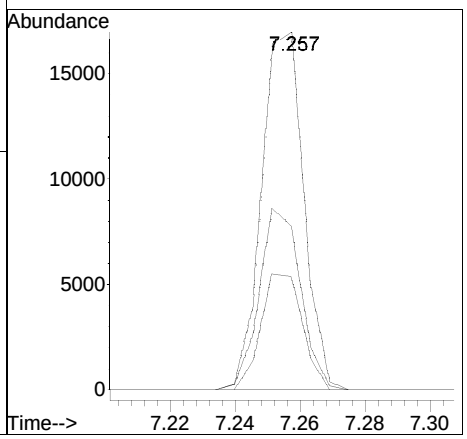


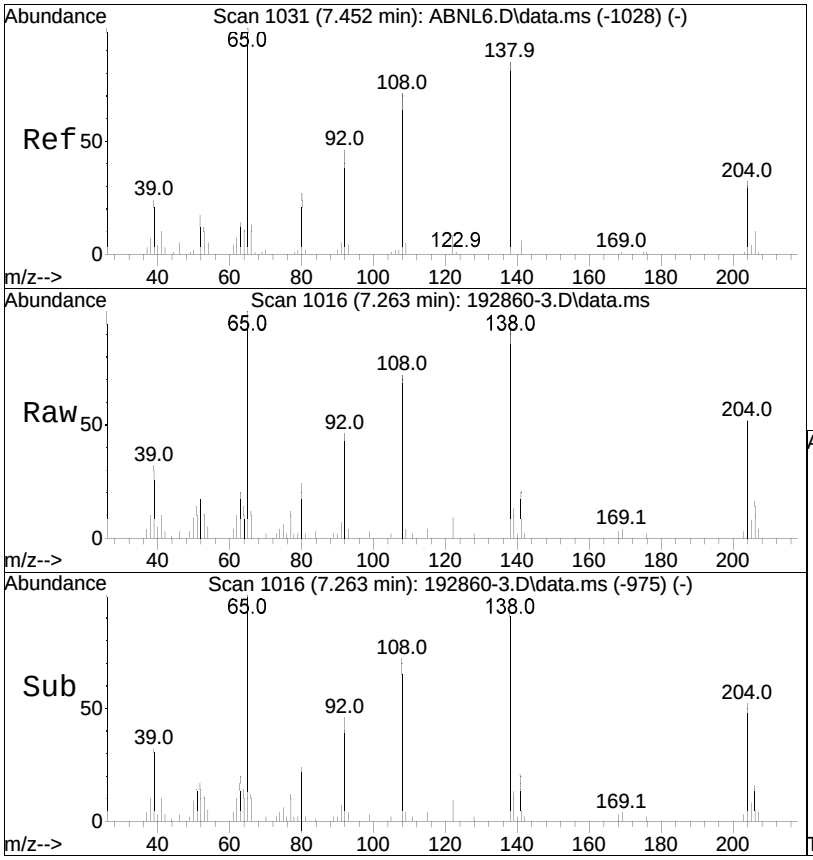


#74
4-Chlorophenyl phenyl ether
Concen: 1.67 ug/ml
RT: 7.257 min Scan# 1015
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:204 Resp: 15164

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	49.9	58.4	87.6#

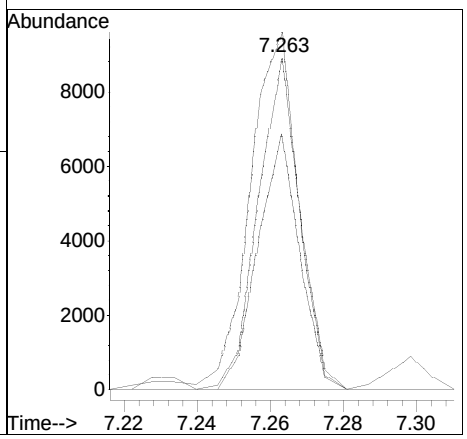


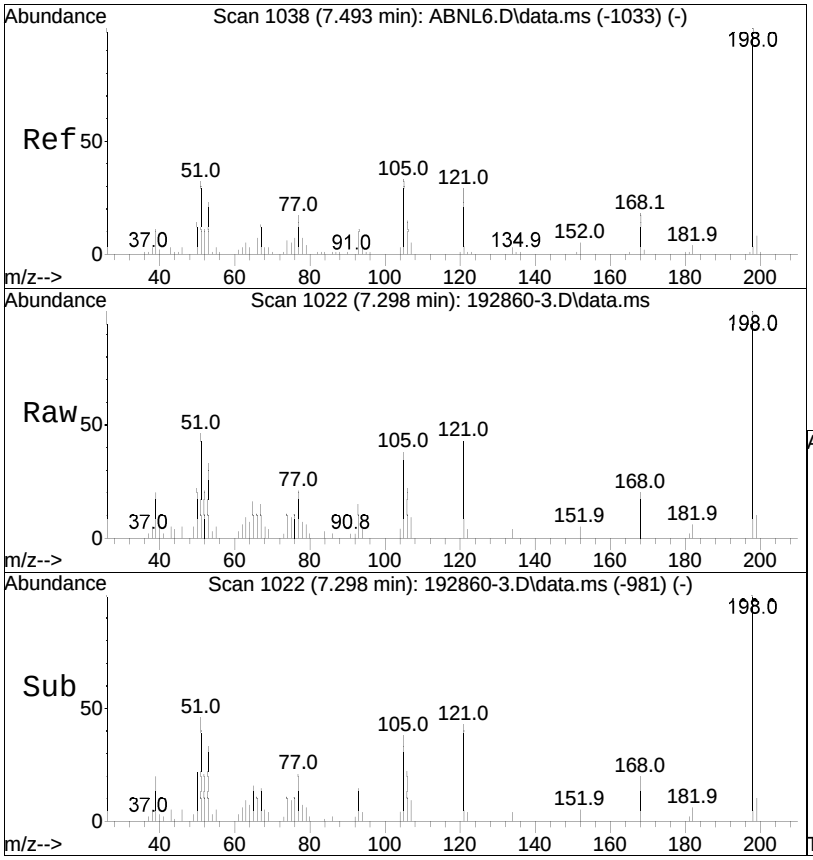


#75
4-Nitroaniline
Concen: 2.11 ug/ml
RT: 7.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:138 Resp: 7076

Ion	Ratio	Lower	Upper
138	100		
108	76.7	59.2	88.8
65	125.8	97.6	146.4

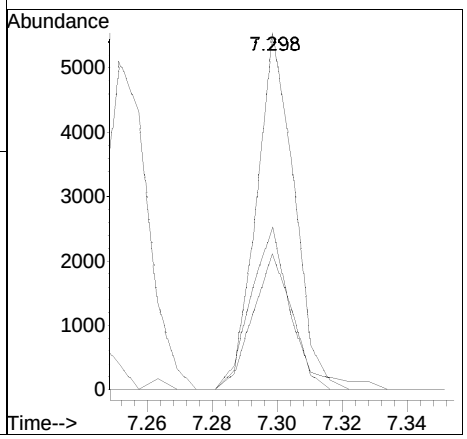


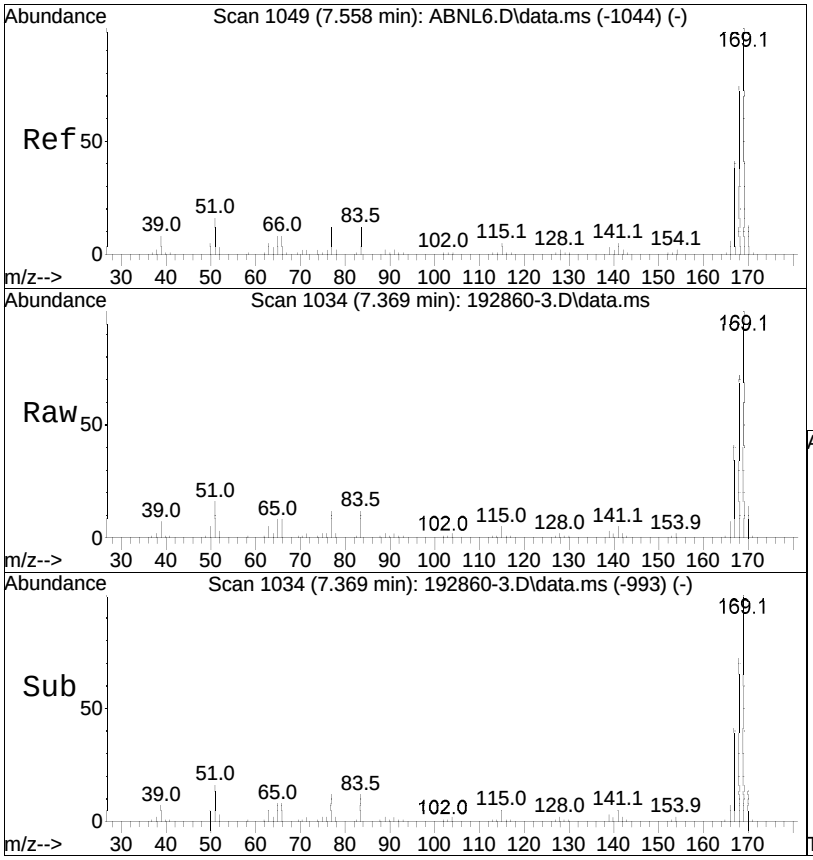


#76
4,6-Dinitro-o-cresol
Concen: 1.99 ug/ml
RT: 7.298 min Scan# 1022
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:198 Resp: 4457

Ion	Ratio	Lower	Upper
198	100		
51	50.1	49.9	74.9
105	39.9	45.8	68.6#

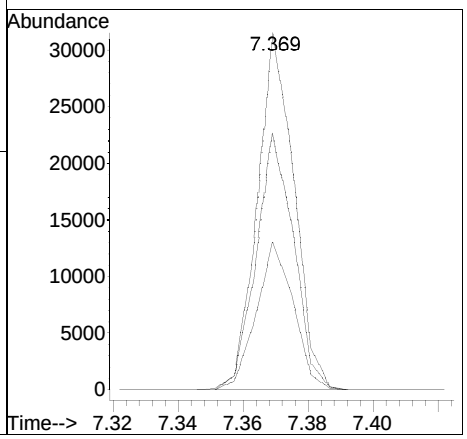


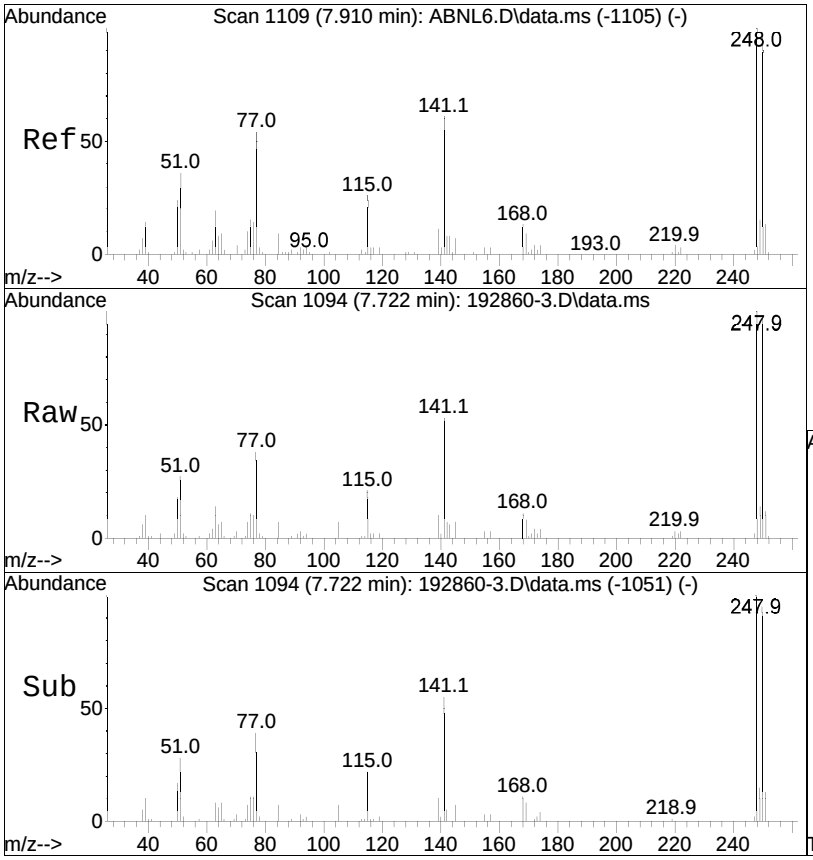


#77
NDPA/DPA
Concen: 1.62 ug/ml
RT: 7.369 min Scan# 1034
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:169 Resp: 24590

Ion	Ratio	Lower	Upper
169	100		
168	73.4	55.2	82.8
167	42.1	30.4	45.6

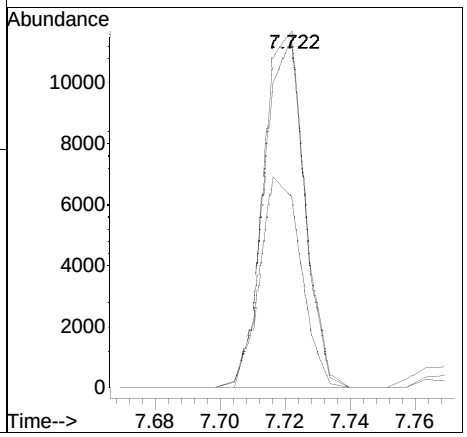


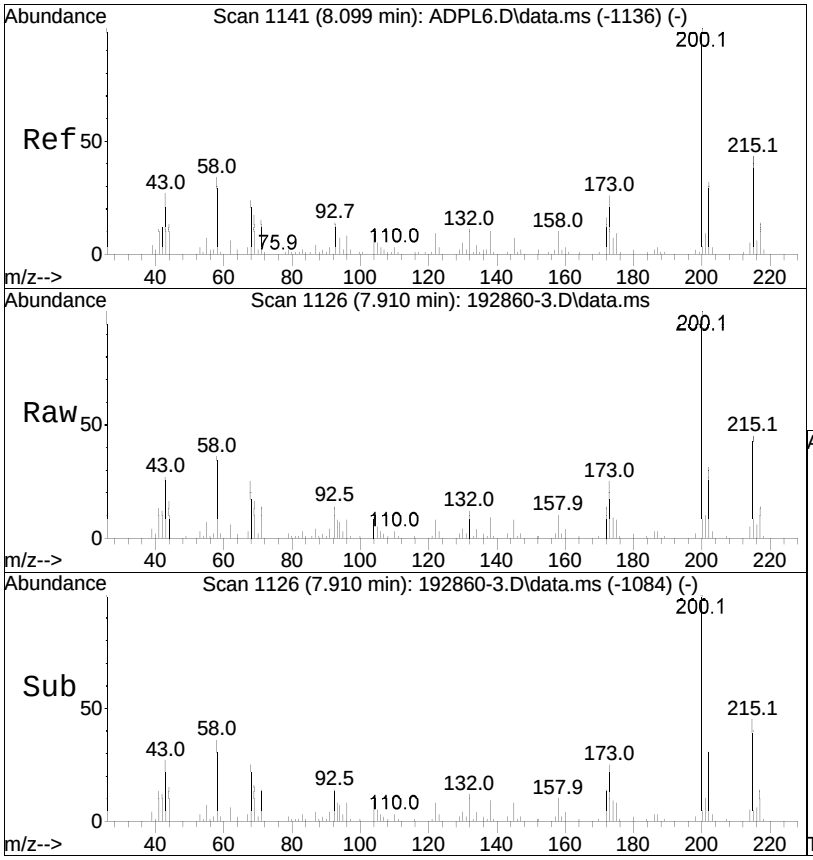


#80
4-Bromophenyl phenyl ether
Concen: 1.67 ug/ml
RT: 7.722 min Scan# 1094
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:248 Resp: 10275

Ion	Ratio	Lower	Upper
248	100		
141	59.1	74.6	111.8#
250	94.8	76.9	115.3

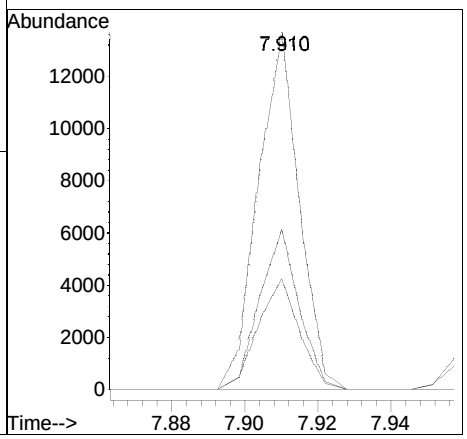


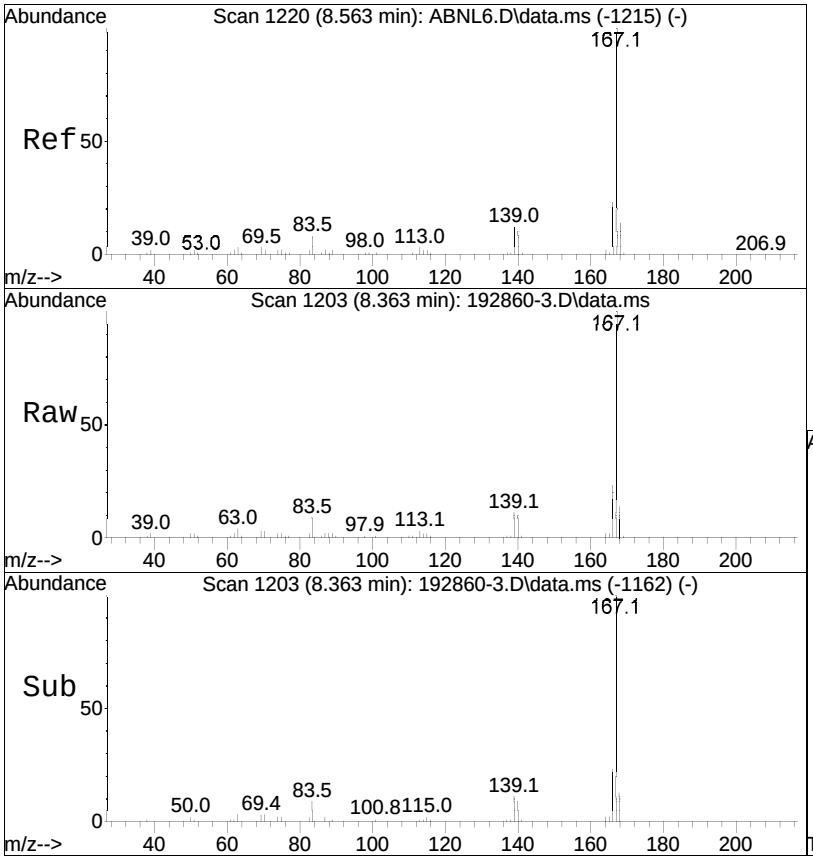


#87
Atrazine
Concen: 1.87 ug/ml
RT: 7.910 min Scan# 1126
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:200 Resp: 10575

Ion	Ratio	Lower	Upper
200	100		
202	31.4	25.0	37.6
215	43.2	34.5	51.7

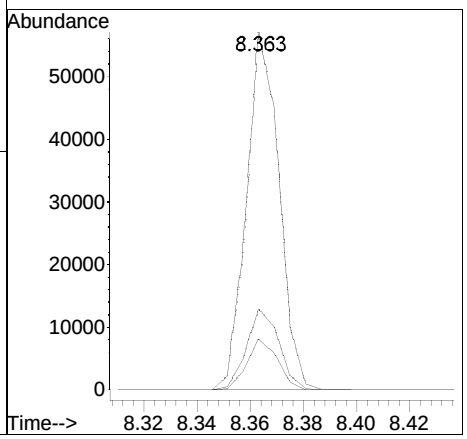


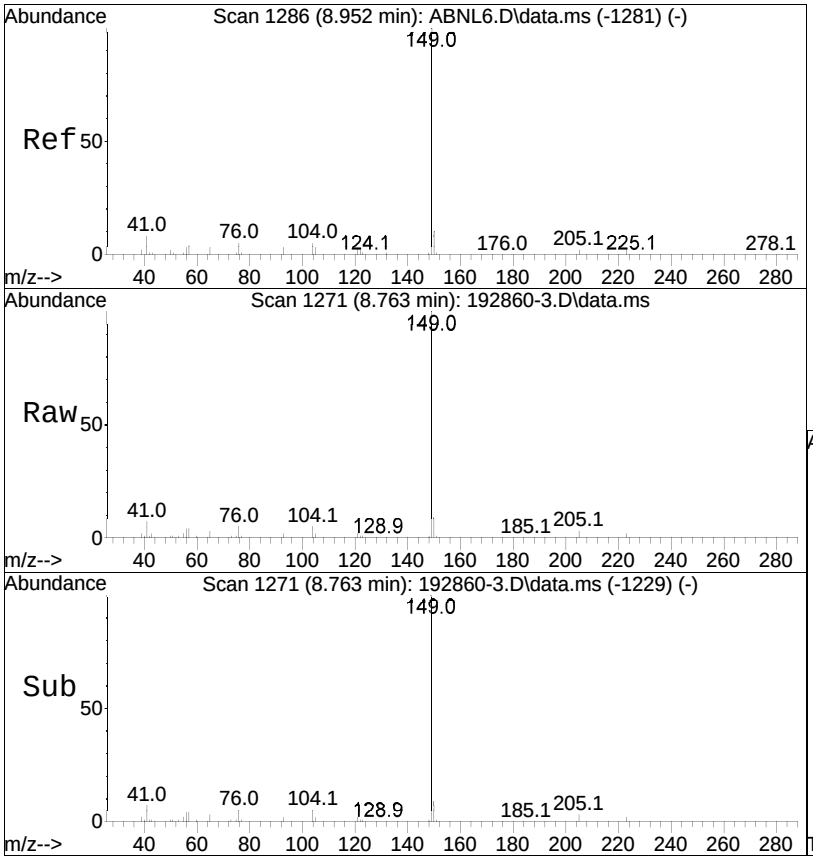


#91
Carbazole
Concen: 1.81 ug/ml
RT: 8.363 min Scan# 1203
Delta R.T. -0.006 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:167 Resp: 48117

Ion	Ratio	Lower	Upper
167	100		
168	13.5	10.8	16.2
166	22.7	17.7	26.5

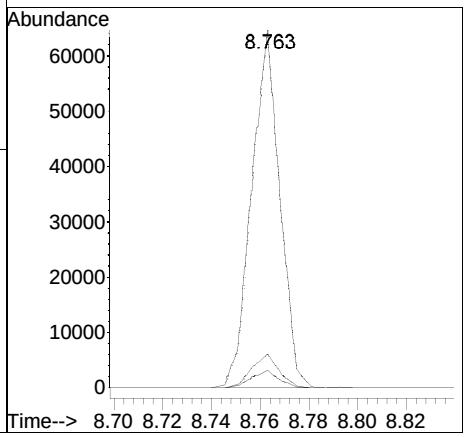


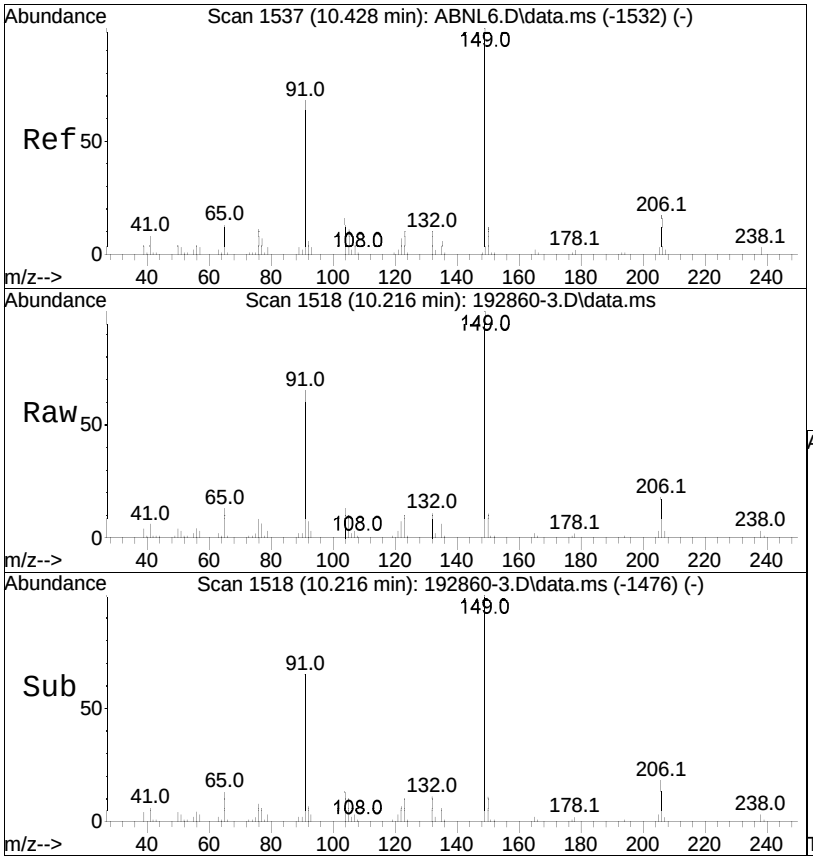


#92
Di-n-butylphthalate
Concen: 1.74 ug/ml
RT: 8.763 min Scan# 1271
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:149 Resp: 51077

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	4.0	6.0

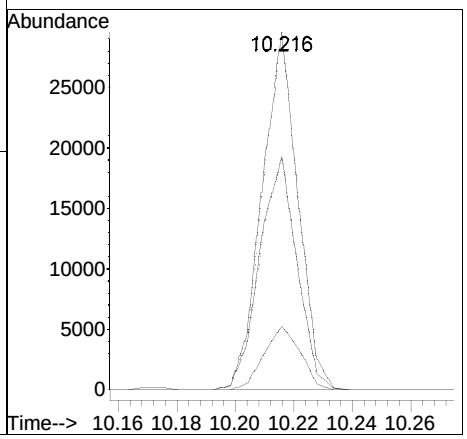


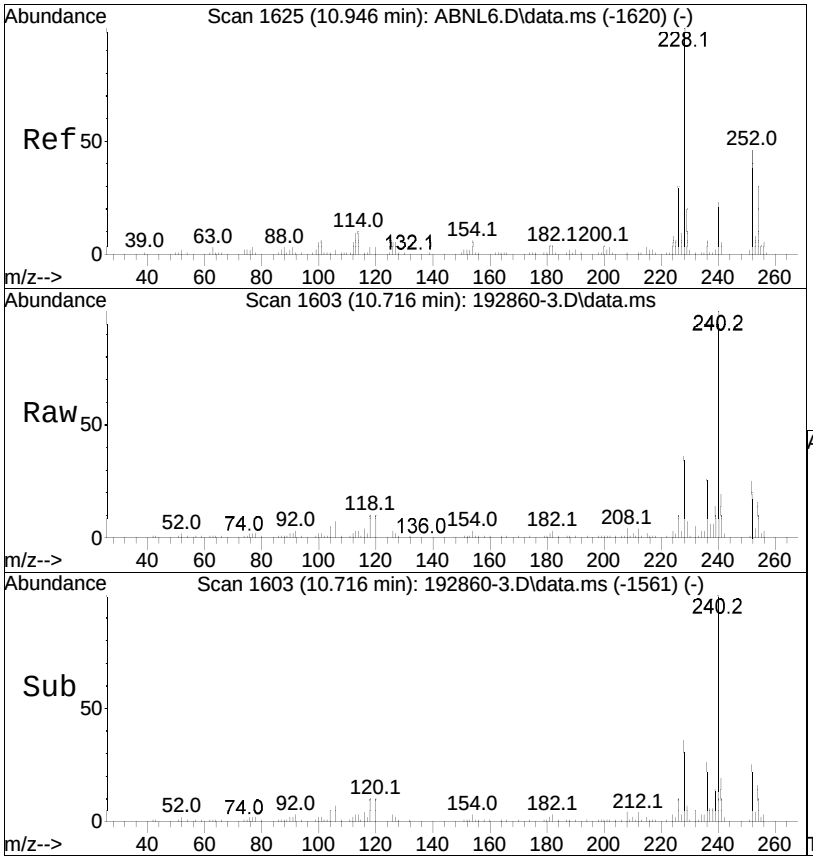


#97
Butyl benzyl phthalate
Concen: 2.13 ug/ml
RT: 10.216 min Scan# 1518
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:149 Resp: 24901

Ion	Ratio	Lower	Upper
149	100		
91	68.1	57.9	86.9
206	18.2	11.9	17.9#

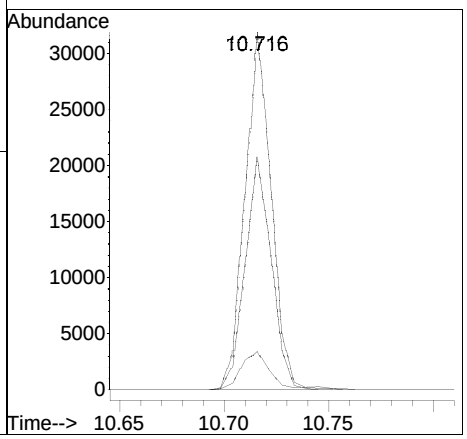


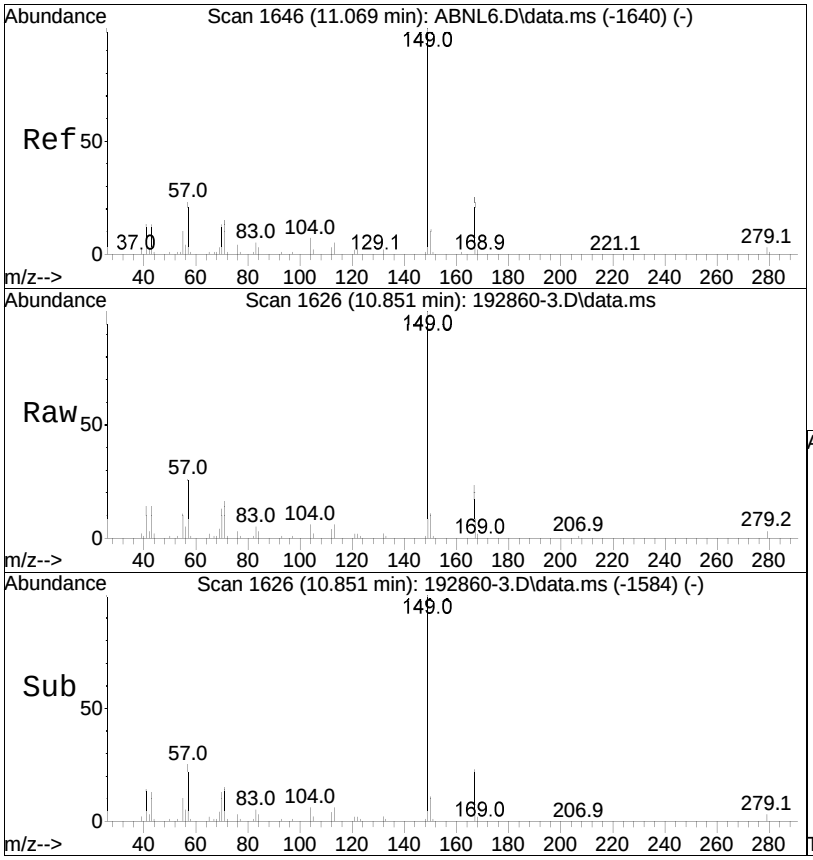


#106
3,3'-Dichlorobenzidine
Concen: 1.80 ug/ml
RT: 10.716 min Scan# 1603
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:252 Resp: 27560

Ion	Ratio	Lower	Upper
252	100		
126	12.5	12.6	19.0#
254	64.8	51.1	76.7

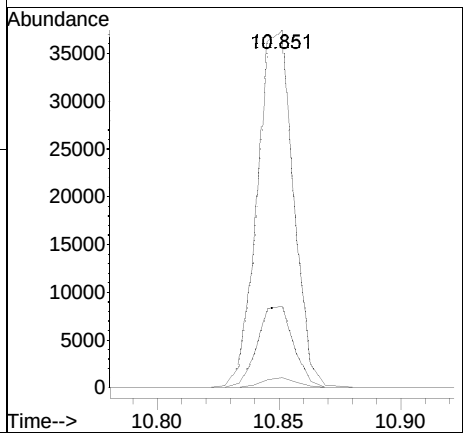


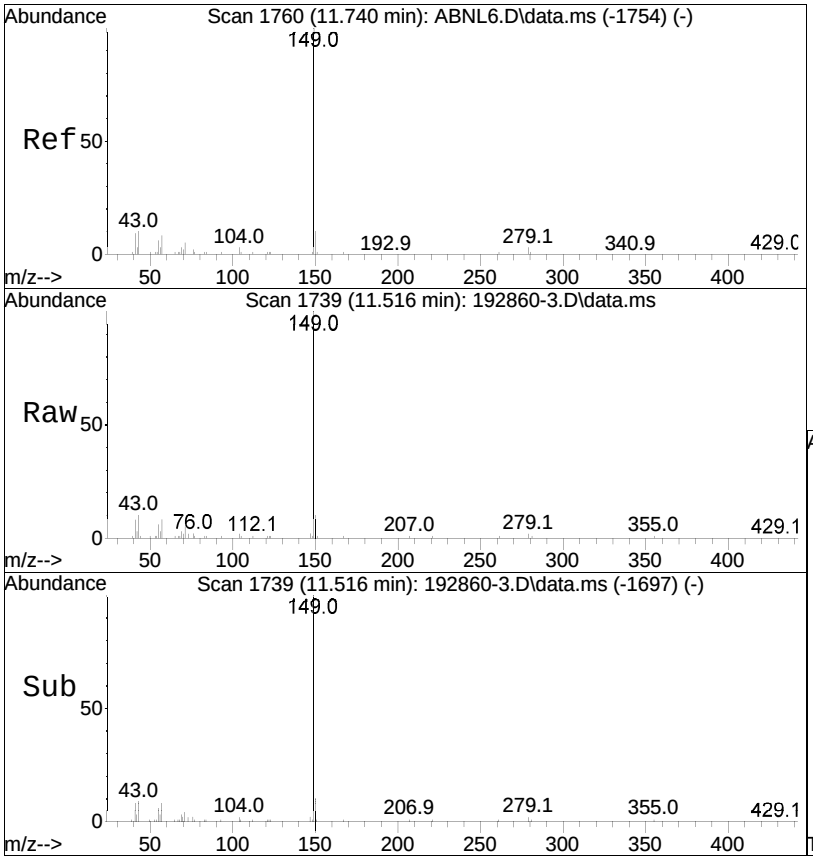


#108
Bis(2-ethylhexyl)phthalate
Concen: 2.01 ug/ml
RT: 10.851 min Scan# 1626
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:149 Resp: 38087

Ion	Ratio	Lower	Upper
149	100		
167	22.8	18.4	27.6
279	2.4	1.7	2.5

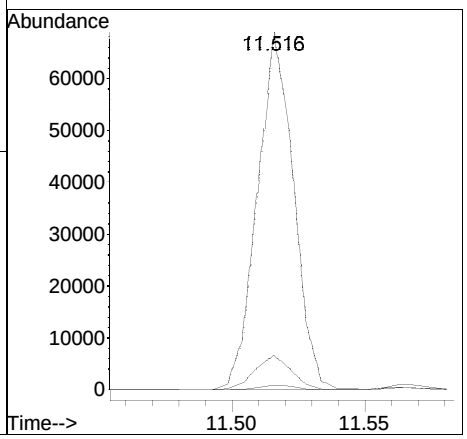




#109
Di-n-octylphthalate
Concen: 2.04 ug/ml
RT: 11.516 min Scan# 1739
Delta R.T. -0.000 min
Lab File: 192860-3.D
Acq: 02 Apr 2026 01:00 pm

Tgt Ion:149 Resp: 64556

Ion	Ratio	Lower	Upper
149	100		
43	10.0	8.2	12.2
167	1.3	1.1	1.7

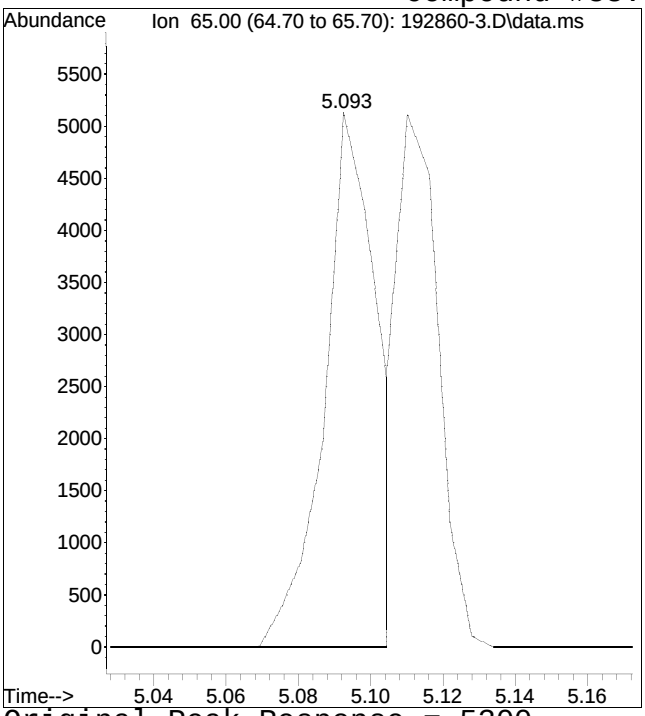


Manual Integration Report

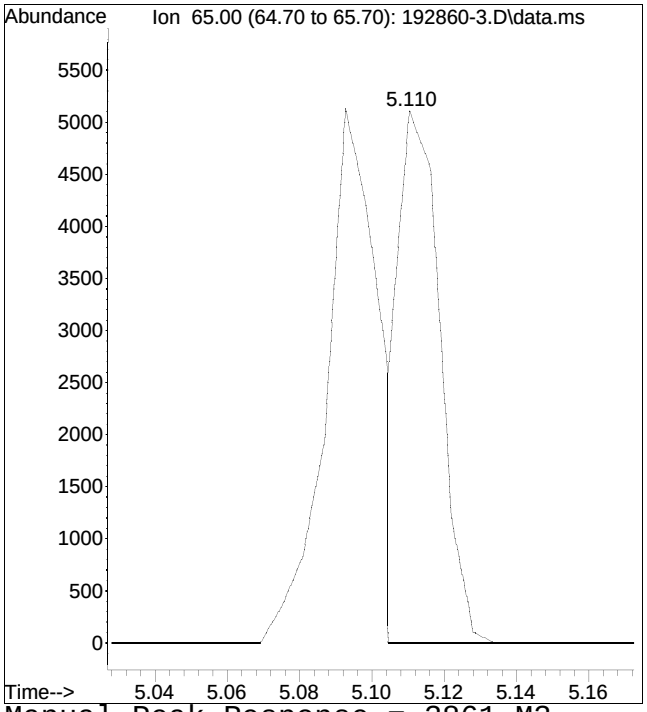
Data Path : I:\8270\SV112\260402RVT\
Data File : 192860-3.D
Date Inj'd : 4/2/2026 1:00 pm
Sample : WG2192860-3,32,,smc

QMethod : FS260206SV112RVT.m
Operator : SV112:slr
Instrument : SV112
Quant Date : 4/2/2026 1:16 pm

Compound #38: 4-Chloroaniline



Original Peak Response = 5300



Manual Peak Response = 3861 M3

M3 = Wrong Peak Identified

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 192860-4.D
Acq On : 04 Apr 2026 02:51 pm
Operator : SV112:cmm
Sample : WG2192860-4,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 06 06:56:09 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	26874	4.000	ug/ml		0.00
Standard Area 1 = 20342			Recovery = 132.11%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	26874	4.000	ug/ml		0.00
Standard Area 3 = 20934			Recovery = 128.37%				
35) IS1_Naphthalene-d8	5.022	136	101750	4.000	ug/ml		0.00
Standard Area 1 = 76705			Recovery = 132.65%				
55) IS2_Naphthalene-d8	5.022	136	101750	4.000	ug/ml		0.00
Standard Area 3 = 78037			Recovery = 130.39%				
63) IS1_Acenaphthene-d10	6.704	164	66775	4.000	ug/ml		0.00
Standard Area 1 = 48351			Recovery = 138.10%				
83) IS2_Acenaphthene-d10	6.704	164	66775	4.000	ug/ml		0.00
Standard Area 3 = 48003			Recovery = 139.11%				
86) IS3_Acenaphthene-d10	6.704	164	66775	4.000	ug/ml		0.00
Standard Area 2 = 45459			Recovery = 146.89%				
88) IS1_Phenanthrene-d10	8.128	188	149400	4.000	ug/ml	#	0.00
Standard Area 1 = 110399			Recovery = 135.33%				
100) IS3_Phenanthrene-d10	8.128	188	149400	4.000	ug/ml	#	0.00
Standard Area 2 = 111052			Recovery = 134.53%				
104) IS1_Chrysene-d12	10.722	240	168871	4.000	ug/ml	#	0.00
Standard Area 1 = 133417			Recovery = 126.57%				
113) IS1_Perylene-d12	12.169	264	195720	4.000	ug/ml		0.00
Standard Area 1 = 145451			Recovery = 134.56%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.675	112	8783	1.311	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 65.55%				
7) Phenol-d6	3.534	99	7841	0.878	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 43.90%				
19) Nitrobenzene-d5	4.346	82	6379	0.831	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 83.10%				
46) 2-Fluorobiphenyl	6.081	172	16204	0.702	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 70.20%				
79) 2,4,6-Tribromophenol	7.469	330	6748	1.590	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 79.50%				
96) 4-Terphenyl-d14	9.698	244	31337	0.808	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 80.80%				

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 192860-4.D
Acq On : 04 Apr 2026 02:51 pm
Operator : SV112:cmm
Sample : WG2192860-4,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 06 06:56:09 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	3.640	128	11130	1.403	ug/ml	99
8) Phenol	3.546	94	9414	0.916	ug/ml#	71
9) Bis(2-chloroethyl)ether	3.599	93	10814	1.430	ug/ml	99
14) Bis(2-chloroisopropyl)...	4.105	45	17529	1.557	ug/ml#	74
15) 2-Methylphenol	4.105	108	9369	1.345	ug/ml	96
17) n-Nitrosodi-n-propylamine	4.228	70	8420	1.401	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.258	108	9961	1.334	ug/ml	89
20) Nitrobenzene	4.363	77	11863	1.507	ug/ml	99
21) Isophorone	4.599	82	23017	1.344	ug/ml	97
22) 2-Nitrophenol	4.669	139	6178	1.799	ug/ml	99
23) 2,4-Dimethylphenol	4.752	107	11996	1.457	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.828	93	14587	1.376	ug/ml	97
25) 2,4-Dichlorophenol	4.910	162	11495	1.477	ug/ml	94
28) Benzaldehyde	3.422	105	9429	1.414	ug/ml	100
29) Acetophenone	4.210	105	16876	1.450	ug/ml	98
38) 4-Chloroaniline	5.116	65	3066M3	0.943	ug/ml	
40) p-Chloro-m-cresol	5.616	107	11998	1.641	ug/ml	99
43) Hexachlorocyclopentadiene	5.881	237	9053	1.296	ug/ml	98
44) 2,4,6-Trichlorophenol	5.999	196	10094	1.525	ug/ml	97
45) 2,4,5-Trichlorophenol	6.034	196	11778	1.662	ug/ml	98
48) 2-Nitroaniline	6.287	138	9476	2.037	ug/ml	95
51) Dimethyl phthalate	6.487	163	35770	1.436	ug/ml	99
53) 2,6-Dinitrotoluene	6.528	165	6664	1.571	ug/ml	94
60) Caprolactam	5.416	55	2945	0.747	ug/ml	93
61) 1,2,4,5-Tetrachloroben...	5.881	216	14332	1.331	ug/ml	95
62) Biphenyl	6.169	154	31592	1.364	ug/ml	98
64) 3-Nitroaniline	6.681	138	6712	1.472	ug/ml#	96
66) 2,4-Dinitrophenol	6.781	184	4637	2.130	ug/ml#	82
67) Dibenzofuran	6.904	168	41451	1.385	ug/ml	87
68) 2,4-Dinitrotoluene	6.916	165	10355	1.802	ug/ml	92
69) 4-Nitrophenol	6.893	65	6306	1.824	ug/ml#	1
71) 2,3,4,6-Tetrachlorophenol	7.040	232	10789	1.727	ug/ml	98
72) Diethyl phthalate	7.175	149	37533	1.489	ug/ml#	94
74) 4-Chlorophenyl phenyl ...	7.257	204	17288	1.387	ug/ml#	82
75) 4-Nitroaniline	7.263	138	7551	1.643	ug/ml	98
76) 4,6-Dinitro-o-cresol	7.298	198	6109	1.990	ug/ml	88

Data Path : I:\8270\SV112\260404rvt\
Data File : 192860-4.D
Acq On : 04 Apr 2026 02:51 pm
Operator : SV112:cmm
Sample : WG2192860-4,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 06 06:56:09 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77)	NDPA/DPA	7.369	169	29684	1.423	ug/ml	90
80)	4-Bromophenyl phenyl e...	7.722	248	11562	1.372	ug/ml#	84
87)	Atrazine	7.928	200	13565	1.748	ug/ml	99
91)	Carbazole	8.369	167	58314	1.629	ug/ml	99
92)	Di-n-butylphthalate	8.763	149	72424	1.825	ug/ml	100
97)	Butyl benzyl phthalate	10.222	149	35190	2.231	ug/ml#	95
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
108)	Bis(2-ethylhexyl)phtha...	10.851	149	55045	2.195	ug/ml#	97
109)	Di-n-octylphthalate	11.522	149	96342	2.302	ug/ml#	99

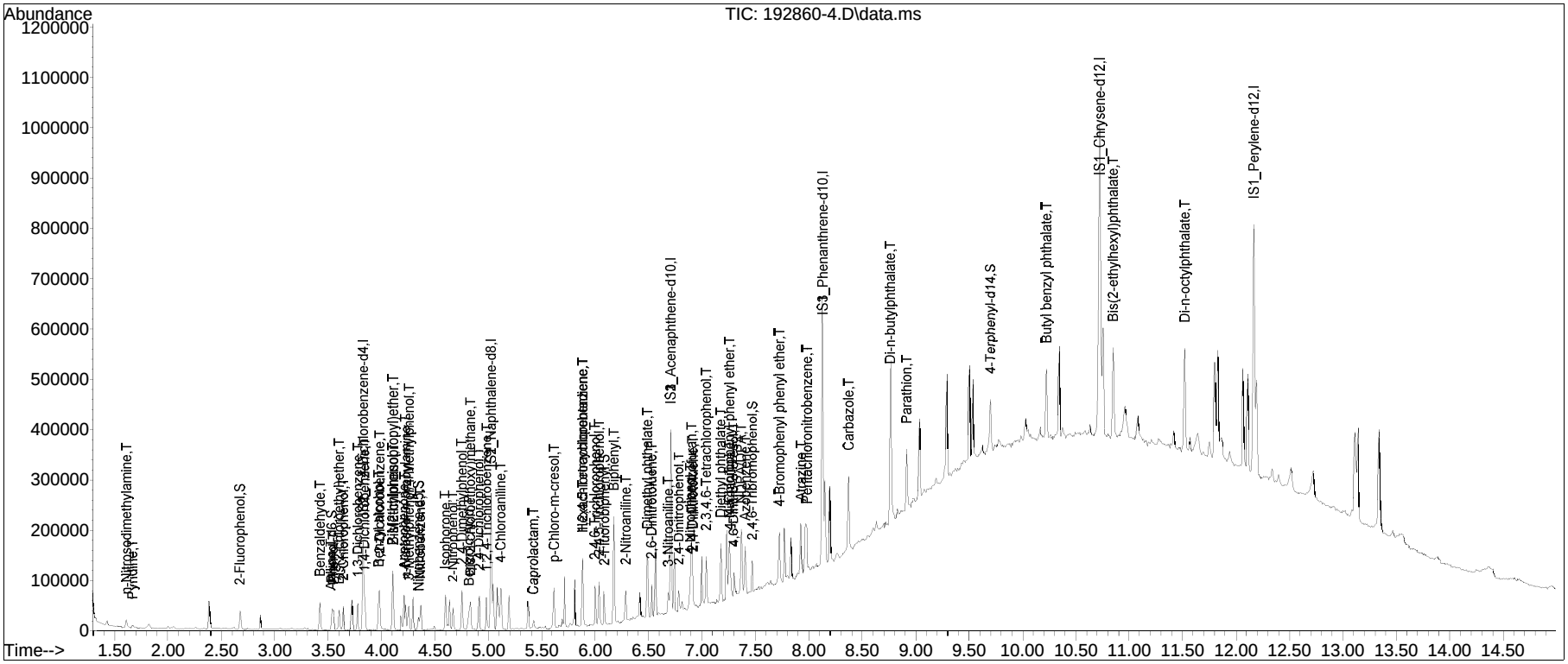
(#) = qualifier out of range (m) = manual integration (+) = signals summed

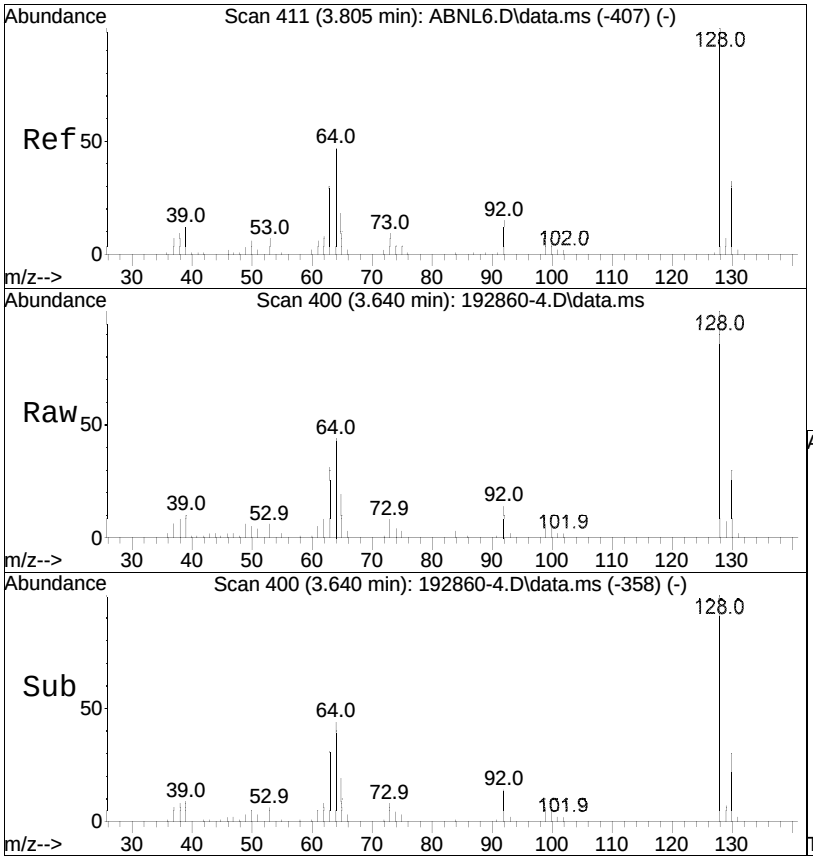
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 192860-4.D
Acq On : 04 Apr 2026 02:51 pm
Operator : SV112:cmm
Sample : WG2192860-4,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 06 06:56:09 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90404.D•

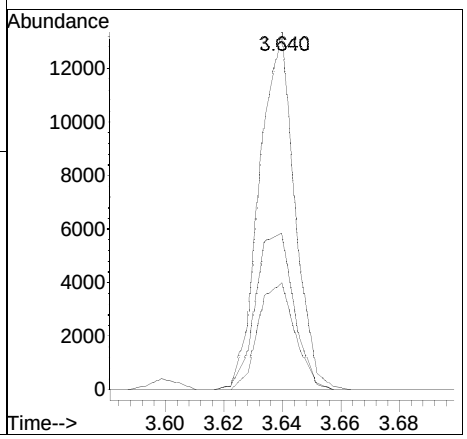


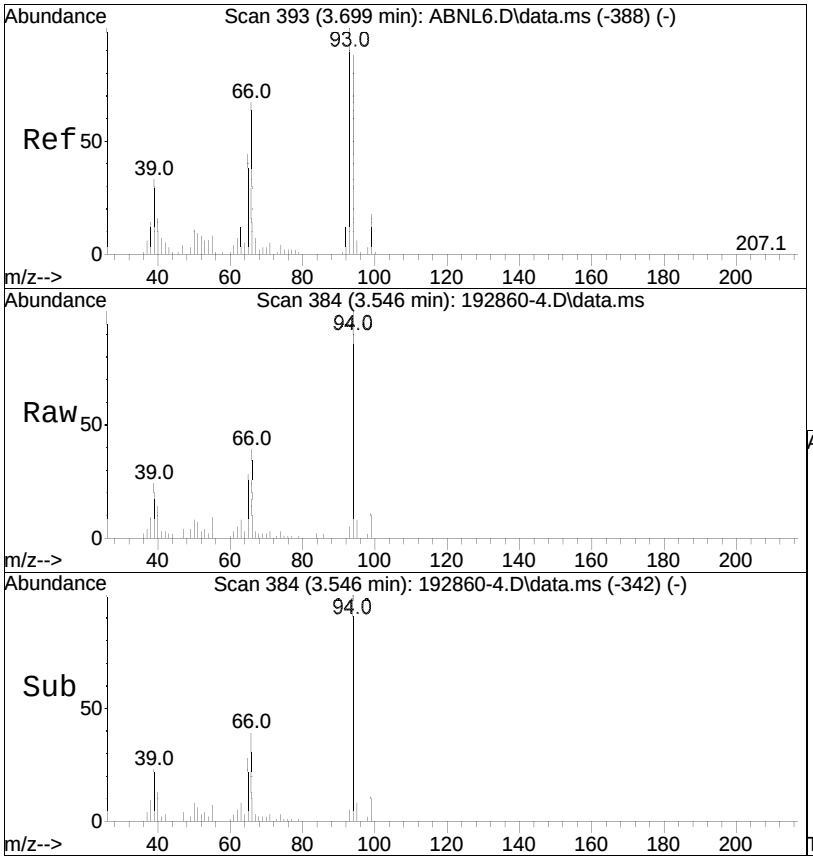


#6
2-Chlorophenol
Concen: 1.40 ug/ml
RT: 3.640 min Scan# 400
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:128 Resp: 11130

Ion	Ratio	Lower	Upper
128	100		
64	47.6	38.2	57.4
130	31.4	26.2	39.2

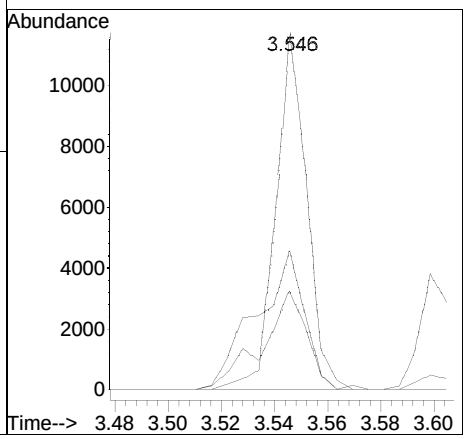


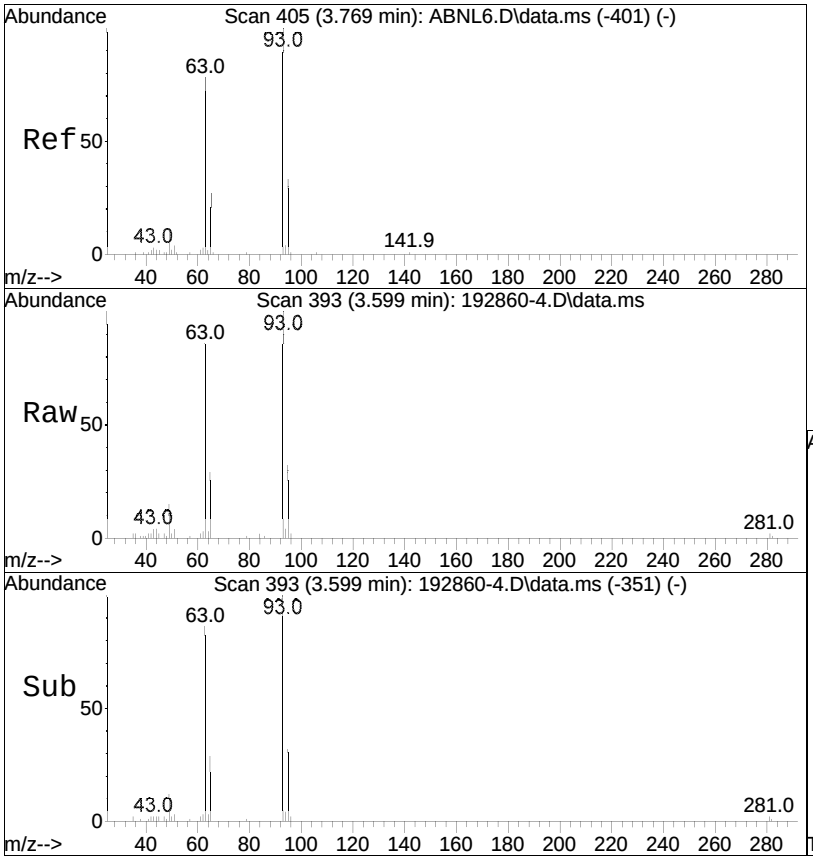


#8
Phenol
Concen: 0.92 ug/ml
RT: 3.546 min Scan# 384
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 94 Resp: 9414

Ion	Ratio	Lower	Upper
94	100		
65	40.3	23.0	34.6#
66	61.5	32.1	48.1#

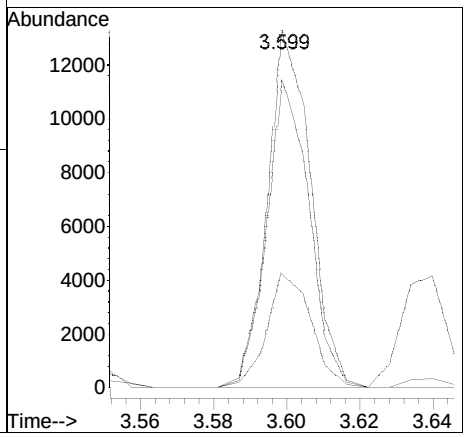


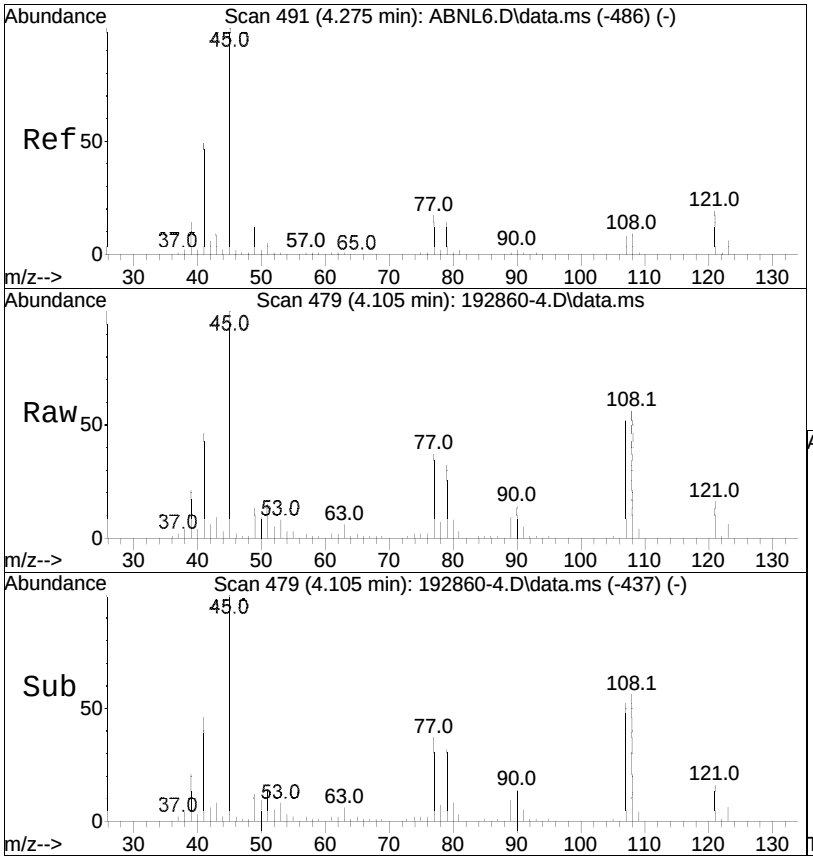


#9
Bis(2-chloroethyl)ether
Concen: 1.43 ug/ml
RT: 3.599 min Scan# 393
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 93 Resp: 10814

Ion	Ratio	Lower	Upper
93	100		
63	84.4	67.0	100.4
95	33.1	26.1	39.1

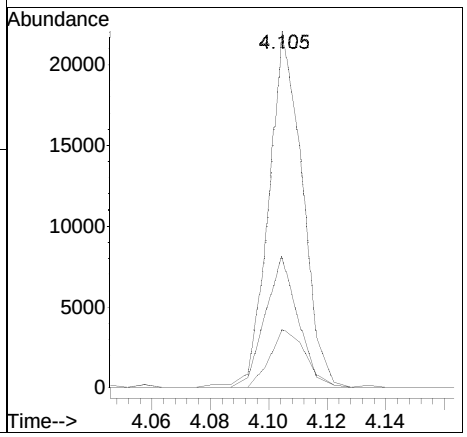


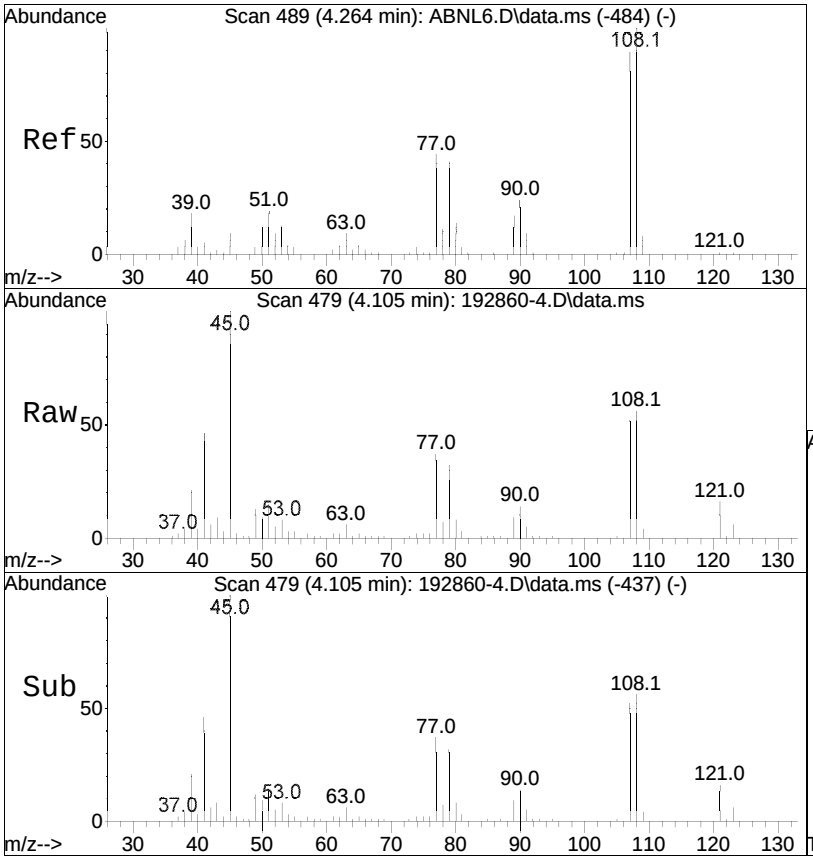


#14
Bis(2-chloroisopropyl)ether
Concen: 1.56 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 45 Resp: 17529

Ion	Ratio	Lower	Upper
45	100		
121	17.4	14.8	22.2
77	36.3	10.5	15.7#

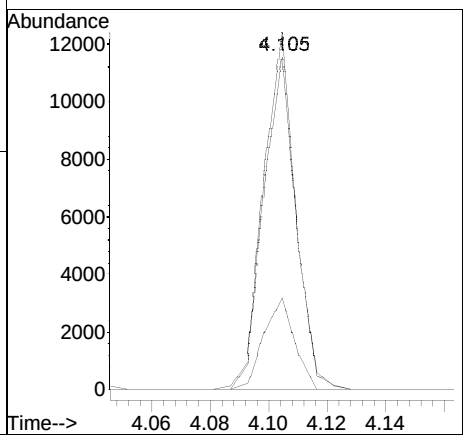


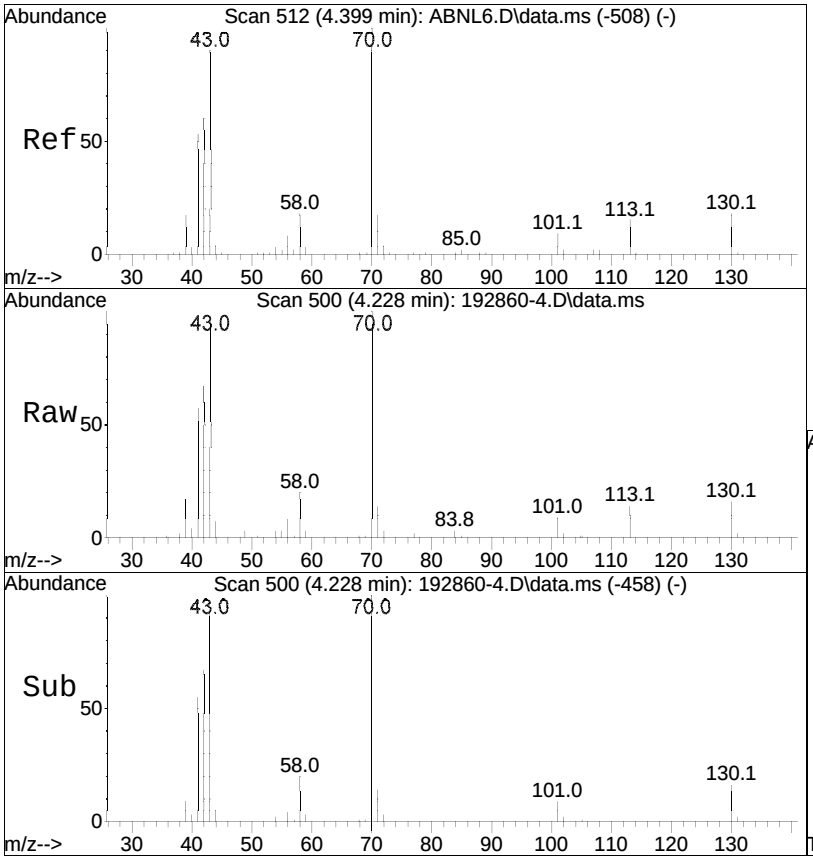


#15
2-Methylphenol
Concen: 1.34 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:108 Resp: 9369

Ion	Ratio	Lower	Upper
108	100		
107	93.9	71.0	106.4
90	24.7	19.7	29.5

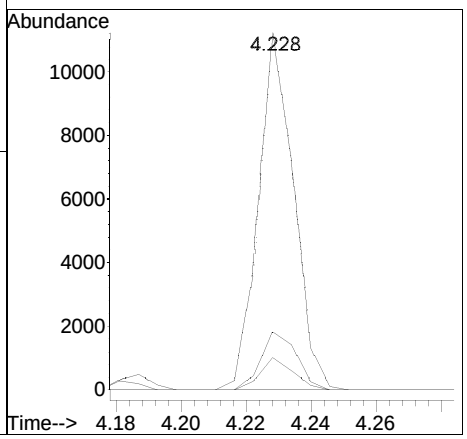


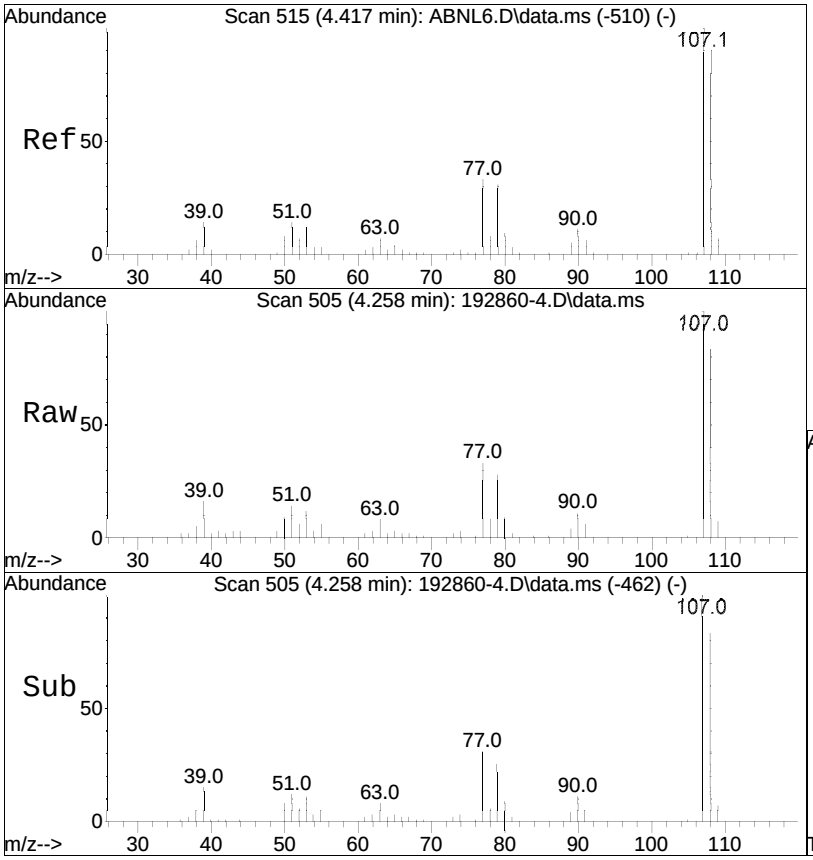


#17
n-Nitrosodi-n-propylamine
Concen: 1.40 ug/ml
RT: 4.228 min Scan# 500
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 70 Resp: 8420

Ion	Ratio	Lower	Upper
70	100		
130	16.5	16.2	24.4
101	8.4	7.6	11.4

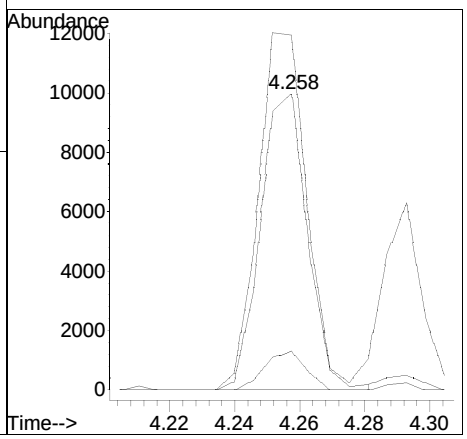


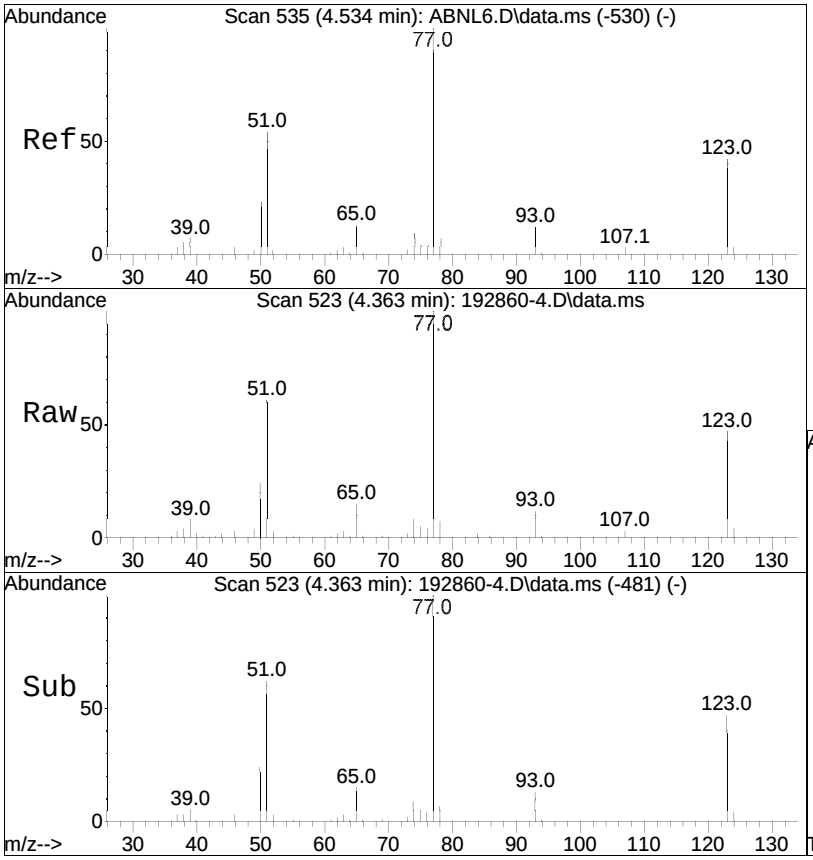


#18
3-Methylphenol/4-Methylphenol
Concen: 1.33 ug/ml
RT: 4.258 min Scan# 505
Delta R.T. 0.006 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:108 Resp: 9961

Ion	Ratio	Lower	Upper
108	100		
107	124.0	88.8	133.2
90	11.5	9.0	13.6

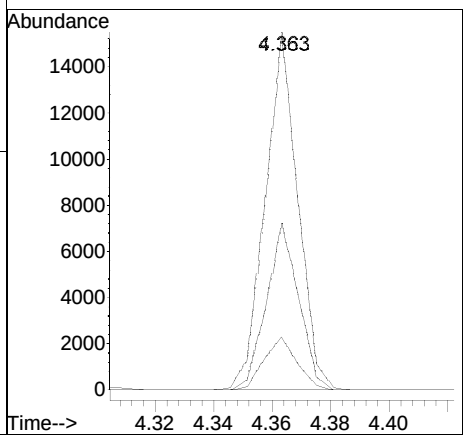


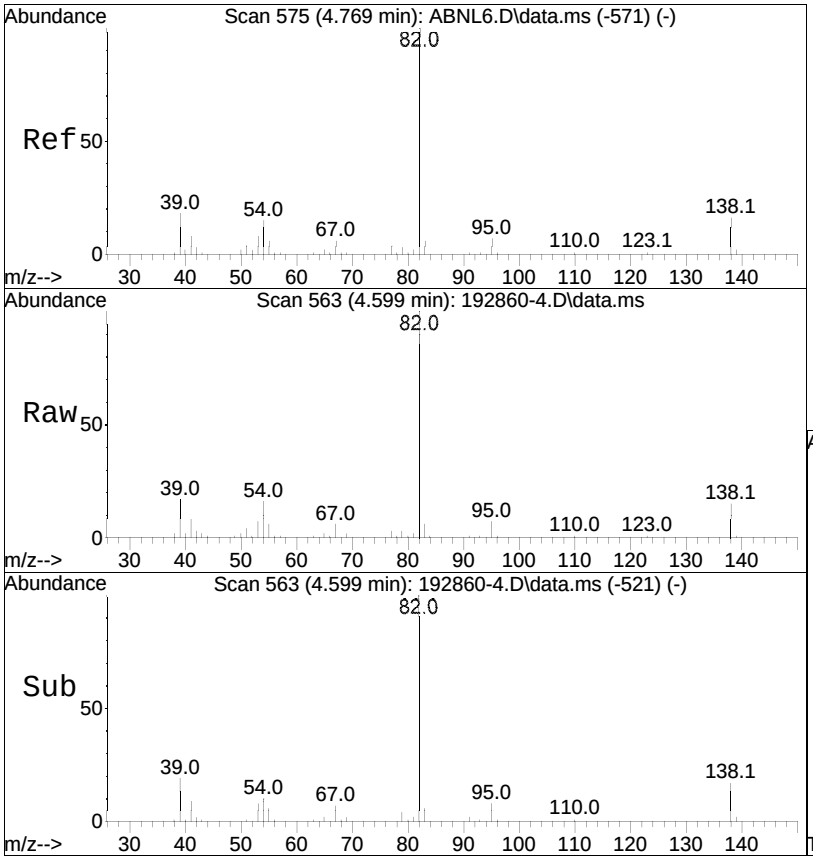


#20
Nitrobenzene
Concen: 1.51 ug/ml
RT: 4.363 min Scan# 523
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 77 Resp: 11863

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.3	55.9
65	15.1	10.9	16.3

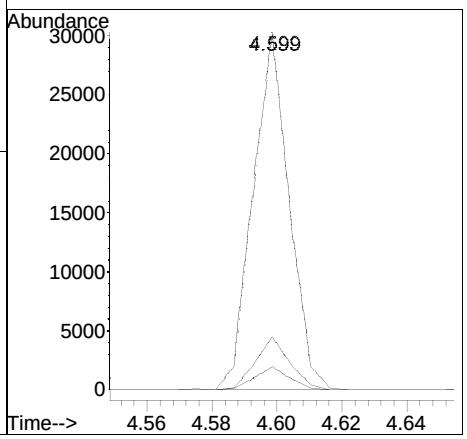


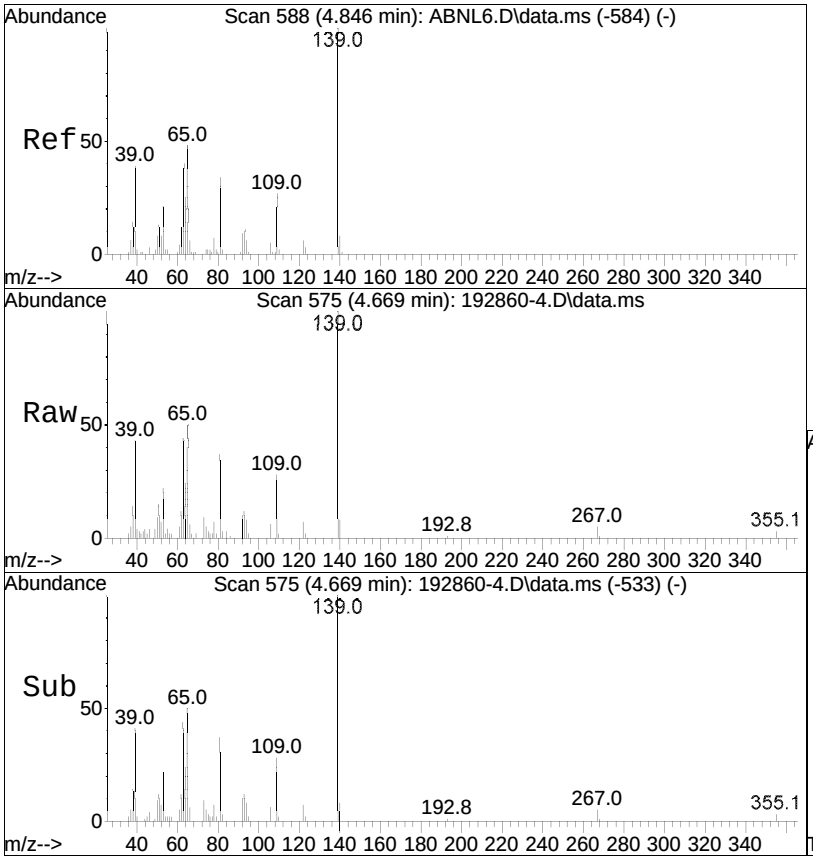


#21
Isophorone
Concen: 1.34 ug/ml
RT: 4.599 min Scan# 563
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 82 Resp: 23017

Ion	Ratio	Lower	Upper
82	100		
138	14.3	13.0	19.4
95	6.7	5.5	8.3

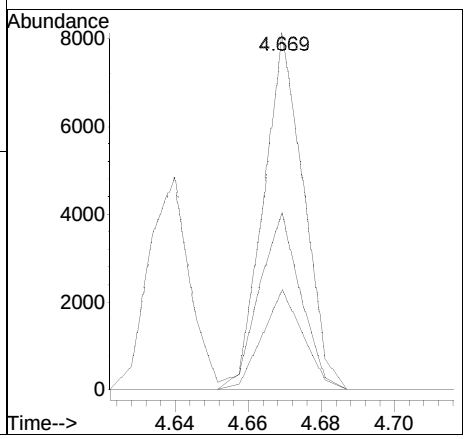


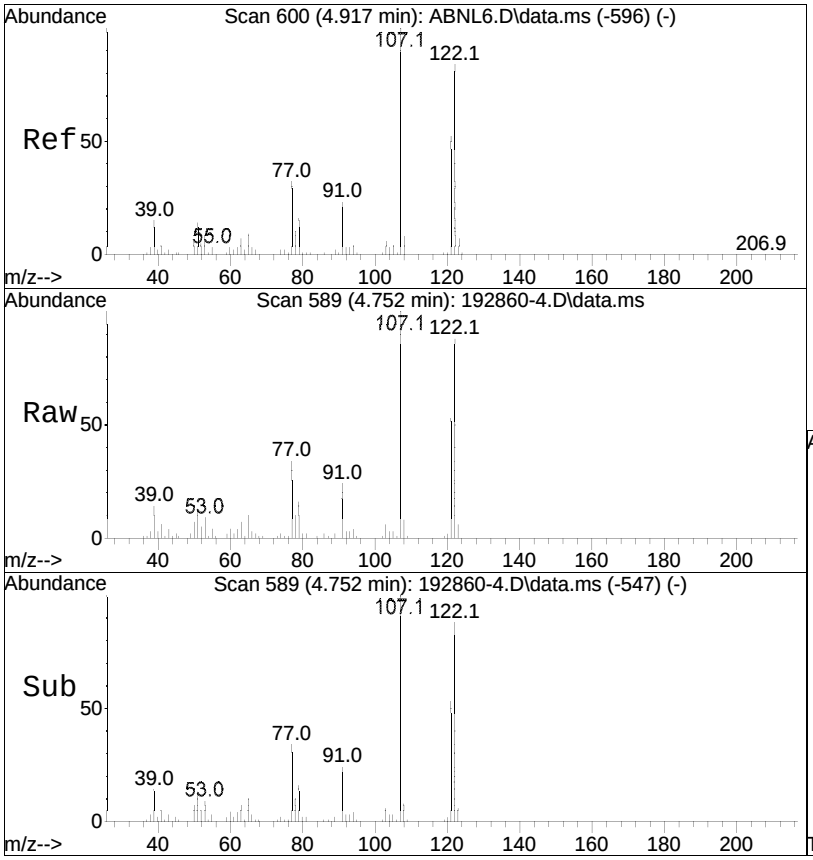


#22
2-Nitrophenol
Concen: 1.80 ug/ml
RT: 4.669 min Scan# 575
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:139 Resp: 6178

Ion	Ratio	Lower	Upper
139	100		
109	28.4	23.1	34.7
65	51.3	41.4	62.2

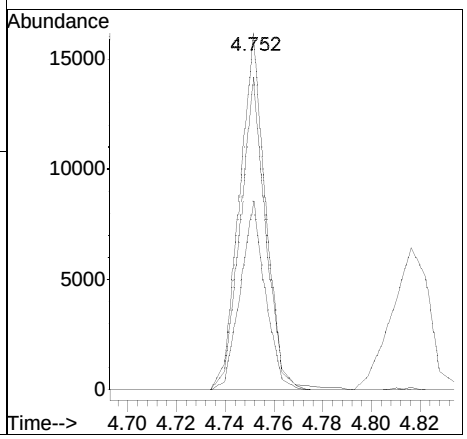


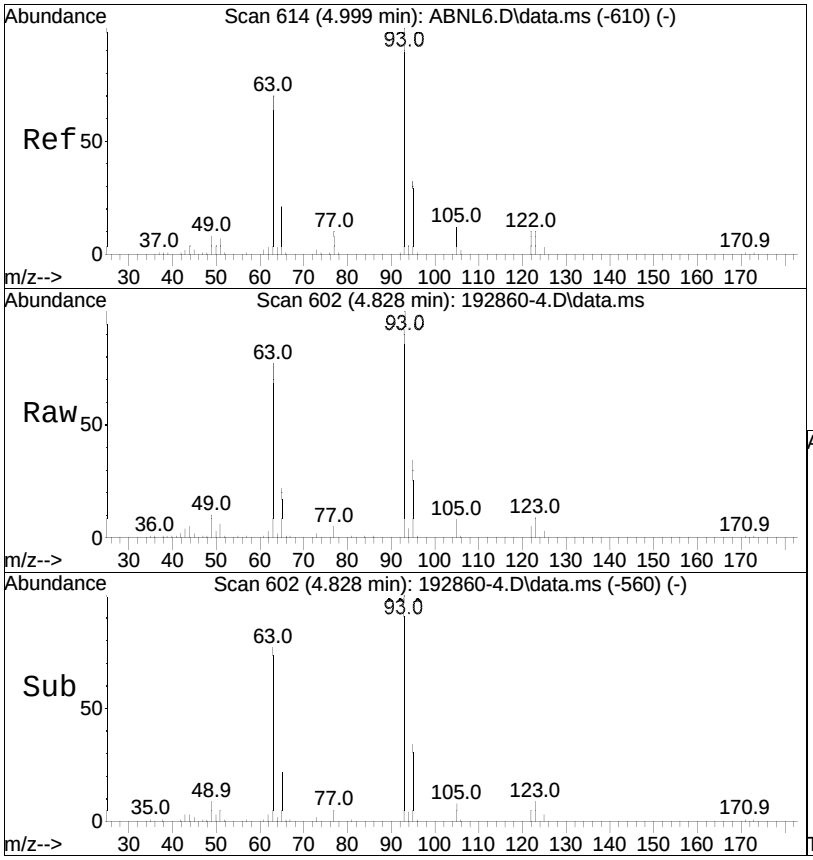


#23
2,4-Dimethylphenol
Concen: 1.46 ug/ml
RT: 4.752 min Scan# 589
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:107 Resp: 11996

Ion	Ratio	Lower	Upper
107	100		
121	50.5	41.3	61.9
122	84.8	69.3	103.9

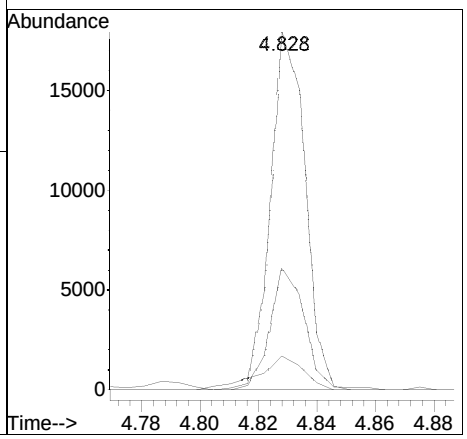


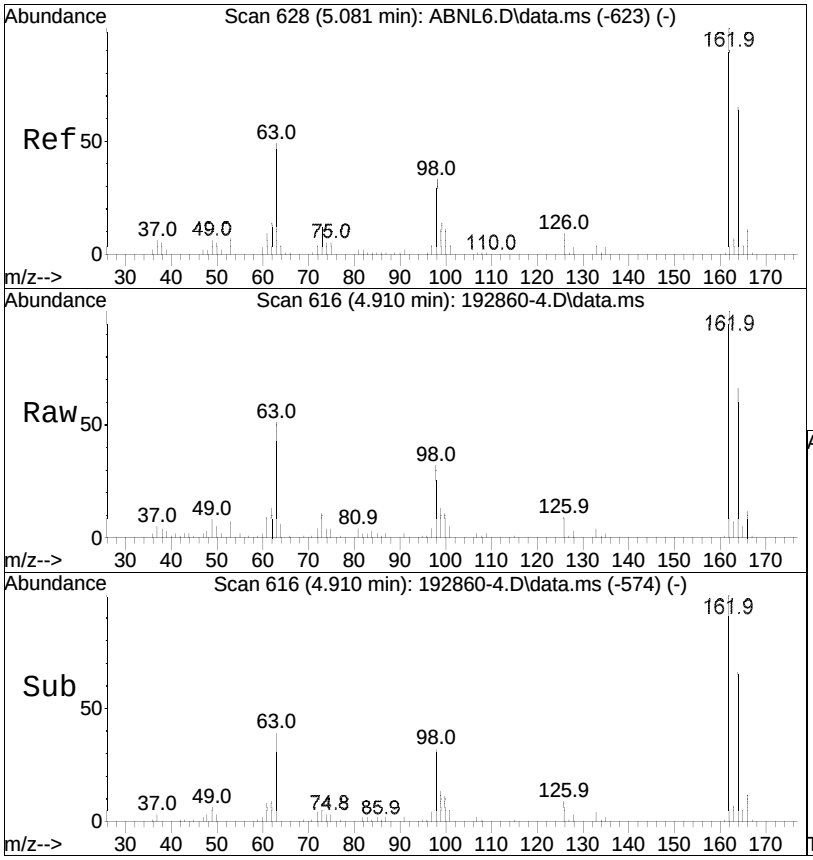


#24
Bis(2-chloroethoxy)methane
Concen: 1.38 ug/ml
RT: 4.828 min Scan# 602
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 93 Resp: 14587

Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.8	38.8
123	12.5	9.6	14.4

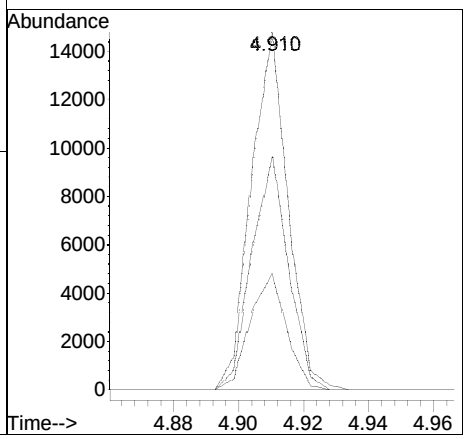


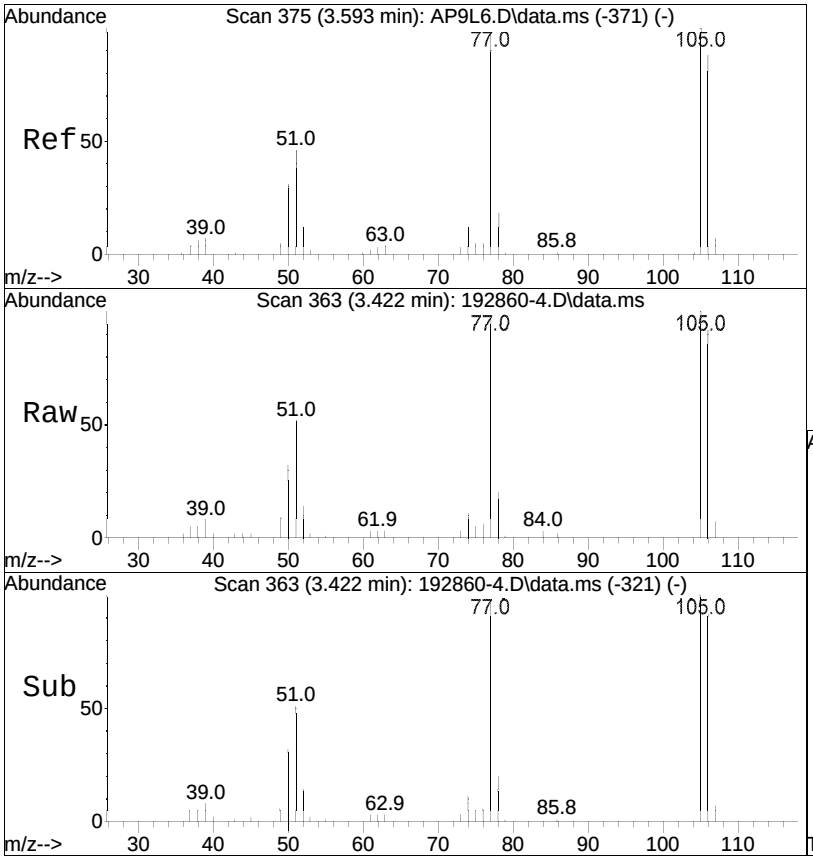


#25
2,4-Dichlorophenol
Concen: 1.48 ug/ml
RT: 4.910 min Scan# 616
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:162 Resp: 11495

Ion	Ratio	Lower	Upper
162	100		
164	65.2	51.1	76.7
98	32.3	32.2	48.2

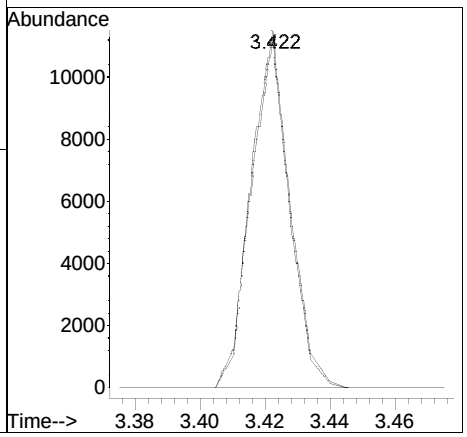


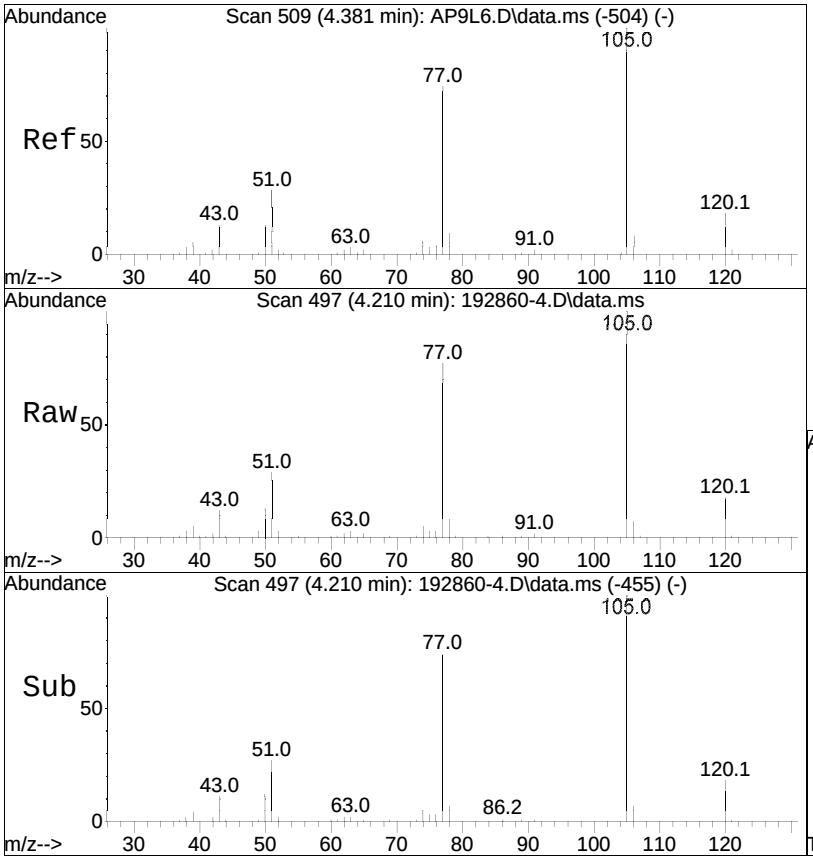


#28
Benzaldehyde
Concen: 1.41 ug/ml
RT: 3.422 min Scan# 363
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:105 Resp: 9429

Ion	Ratio	Lower	Upper
105	100		
77	95.9	77.0	115.6

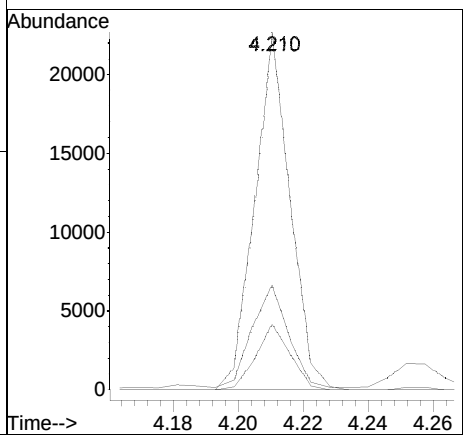


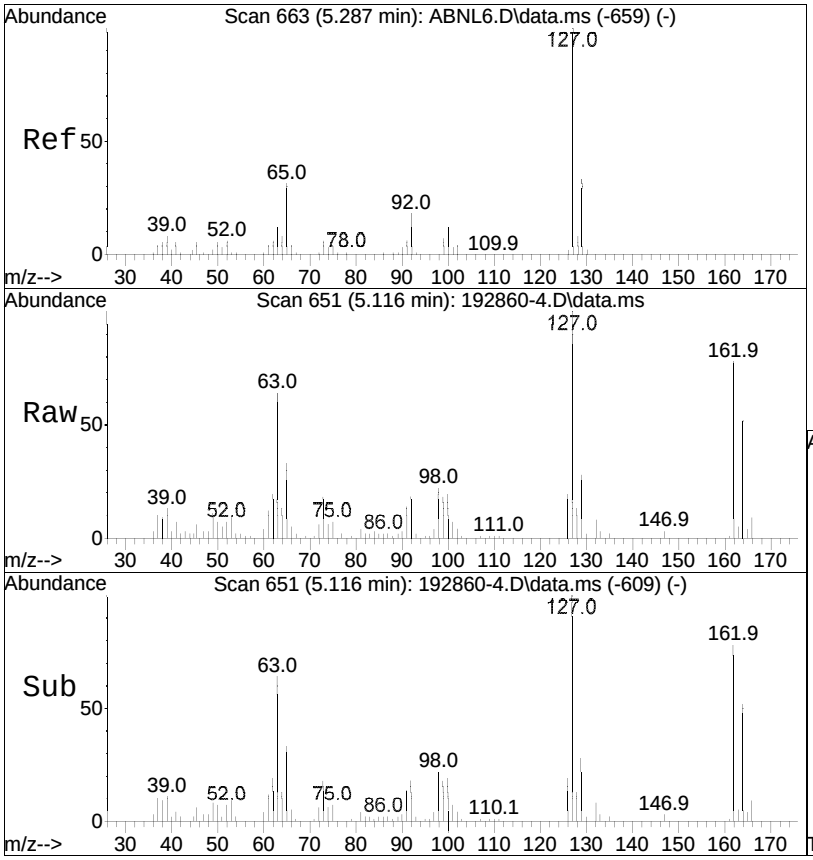


#29
Acetophenone
Concen: 1.45 ug/ml
RT: 4.210 min Scan# 497
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:105 Resp: 16876

Ion	Ratio	Lower	Upper
105	100		
120	17.9	15.2	22.8
51	29.4	23.1	34.7

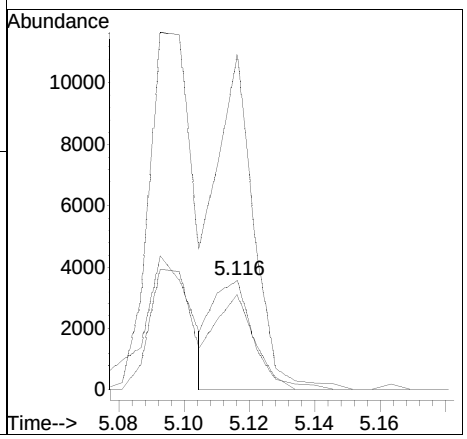


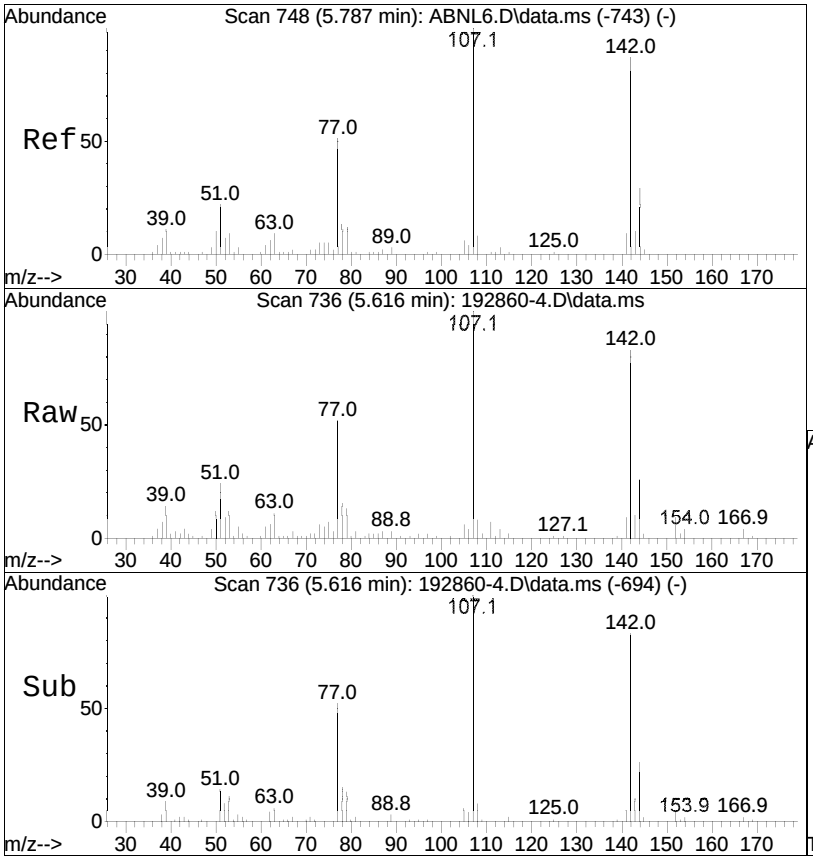


#38
4-Chloroaniline
Concen: 0.94 ug/ml M3
RT: 5.116 min Scan# 651
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 65 Resp: 3066

Ion	Ratio	Lower	Upper
65	100		
127	355.6	266.2	399.4
129	198.5	85.0	127.4#

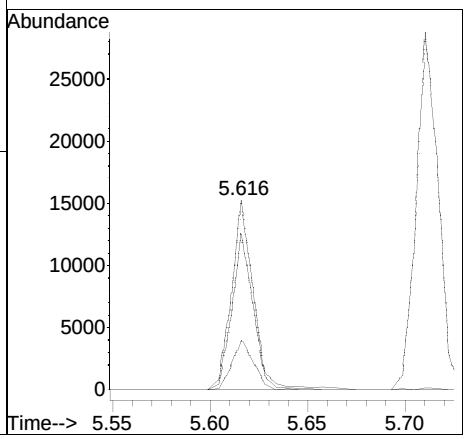


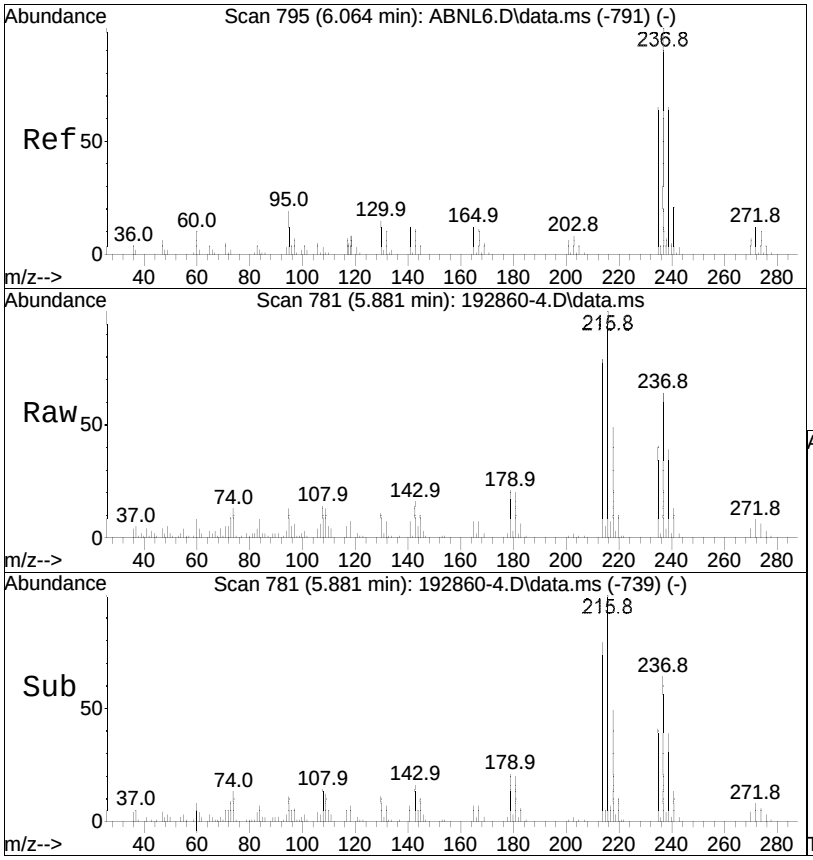


#40
p-Chloro-m-cresol
Concen: 1.64 ug/ml
RT: 5.616 min Scan# 736
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:107 Resp: 11998

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.3	30.5
142	79.2	63.8	95.6

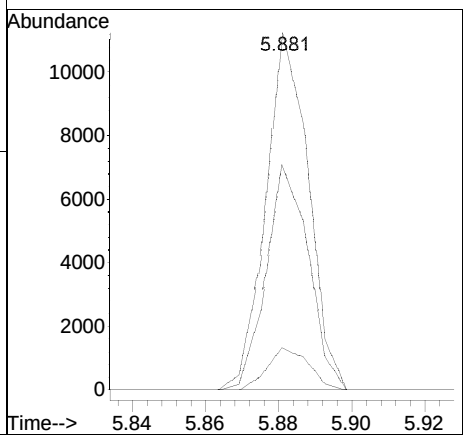


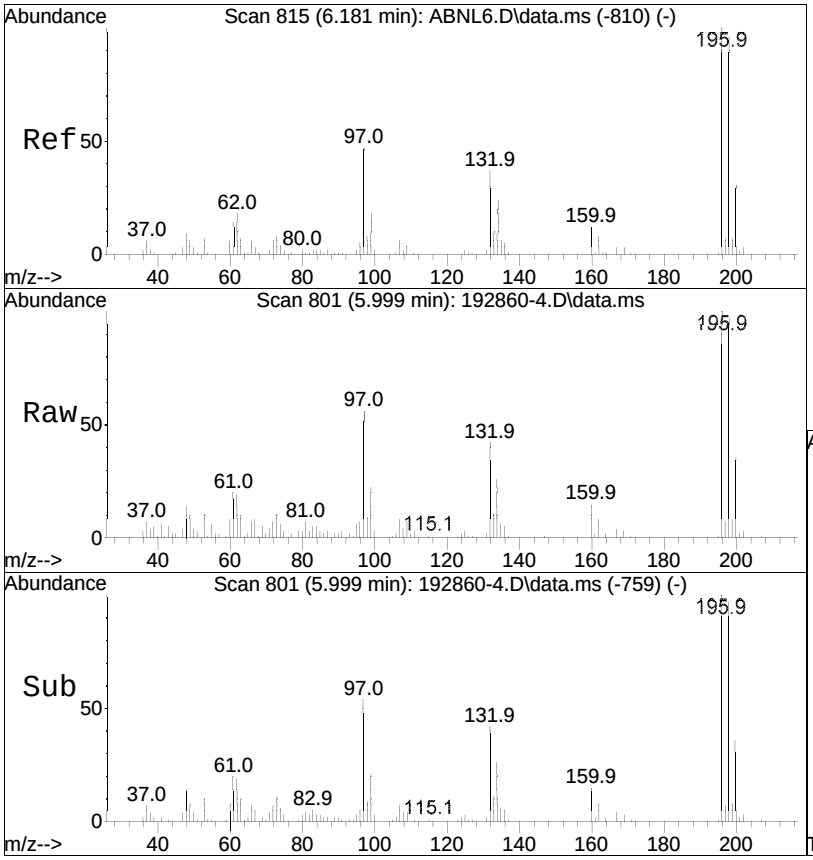


#43
Hexachlorocyclopentadiene
Concen: 1.30 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:237 Resp: 9053

Ion	Ratio	Lower	Upper
237	100		
235	62.5	50.9	76.3
272	11.6	10.1	15.1

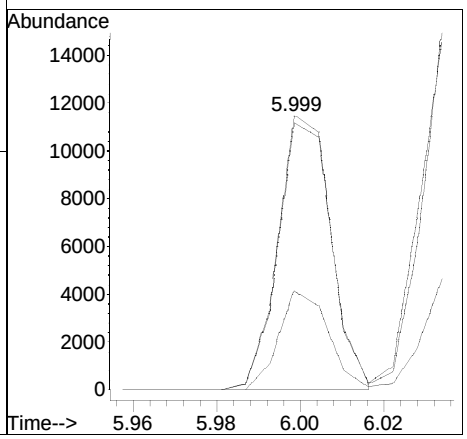


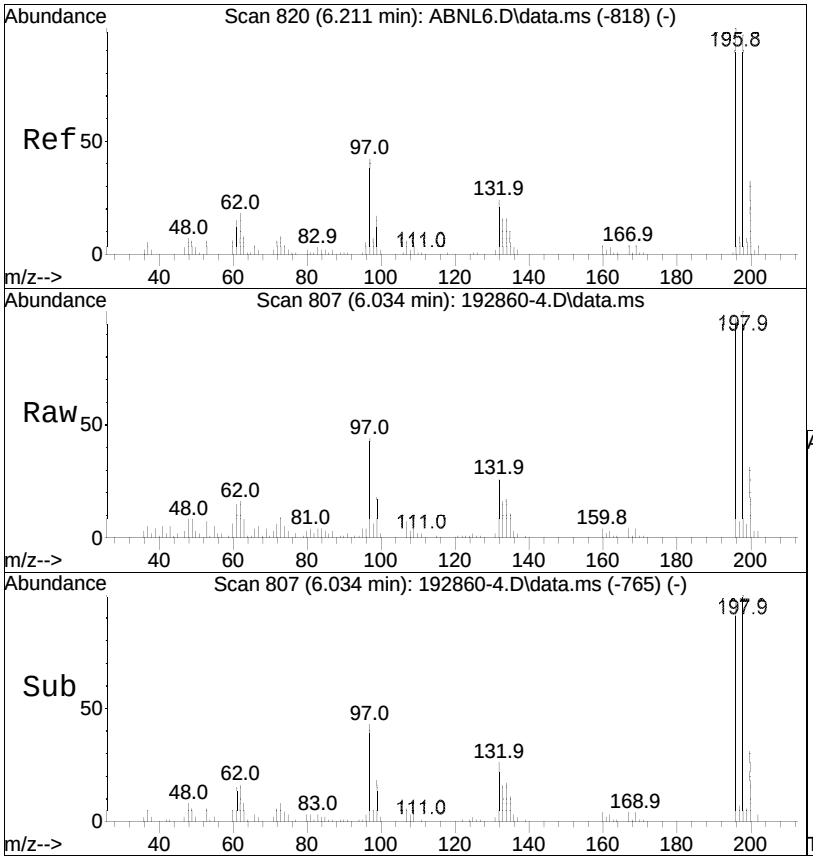


#44
2,4,6-Trichlorophenol
Concen: 1.53 ug/ml
RT: 5.999 min Scan# 801
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:196 Resp: 10094

Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.4	114.6
200	33.9	24.4	36.6

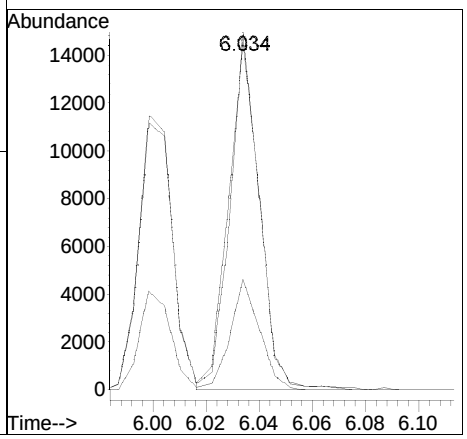


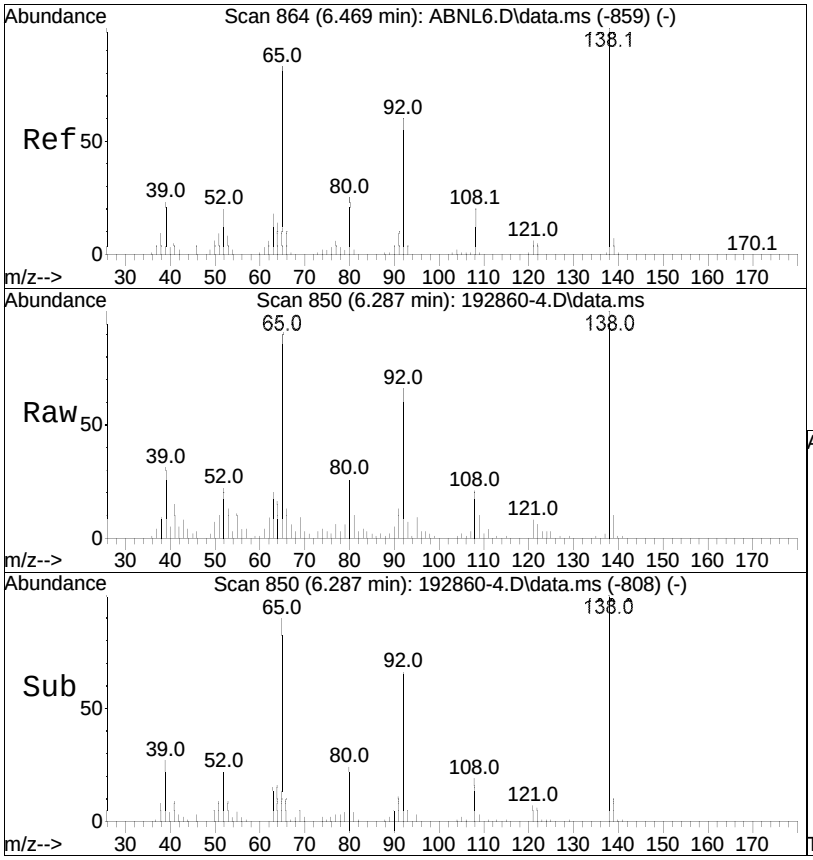


#45
2,4,5-Trichlorophenol
Concen: 1.66 ug/ml
RT: 6.034 min Scan# 807
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:196 Resp: 11778

Ion	Ratio	Lower	Upper
196	100		
200	30.1	24.2	36.4
198	97.1	76.2	114.2

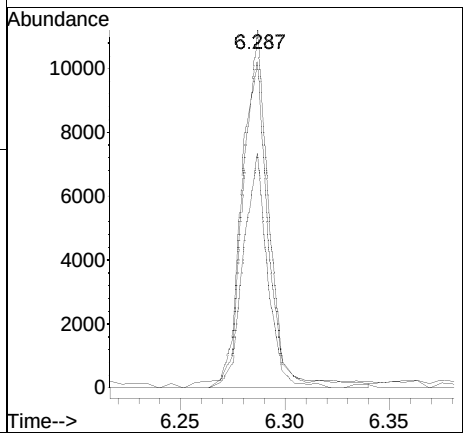


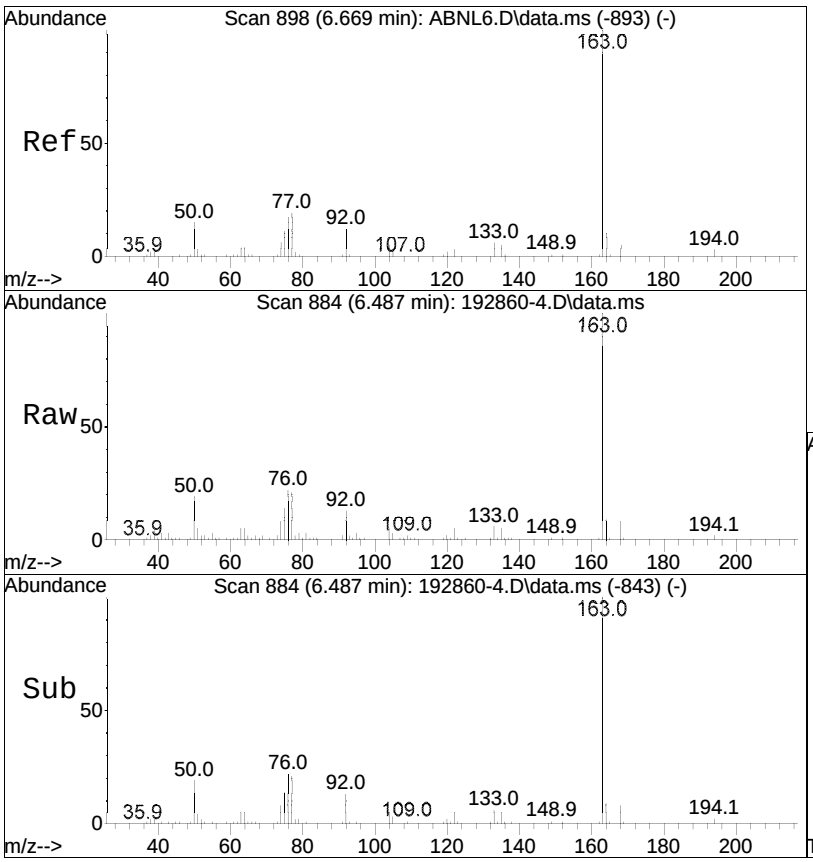


#48
2-Nitroaniline
Concen: 2.04 ug/ml
RT: 6.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:138 Resp: 9476

Ion	Ratio	Lower	Upper
138	100		
92	61.9	52.1	78.1
65	99.9	75.9	113.9

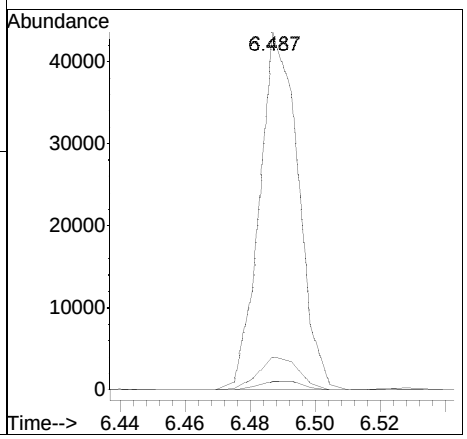


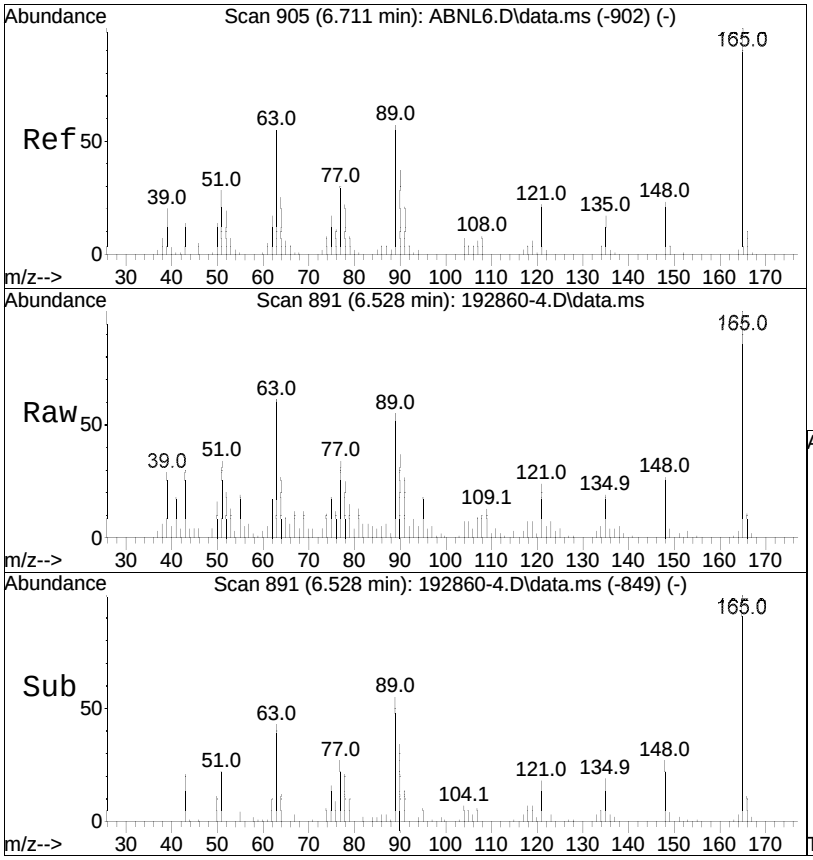


#51
Dimethyl phthalate
Concen: 1.44 ug/ml
RT: 6.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:163 Resp: 35770

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.3	3.5
164	9.7	8.2	12.2

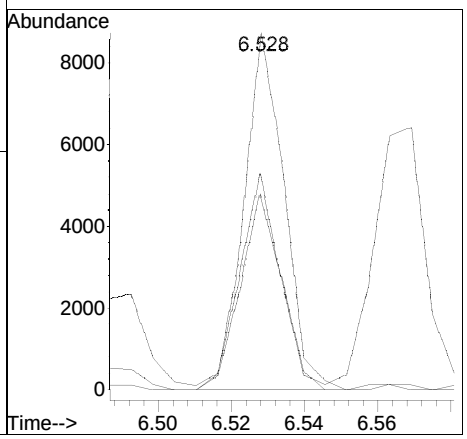


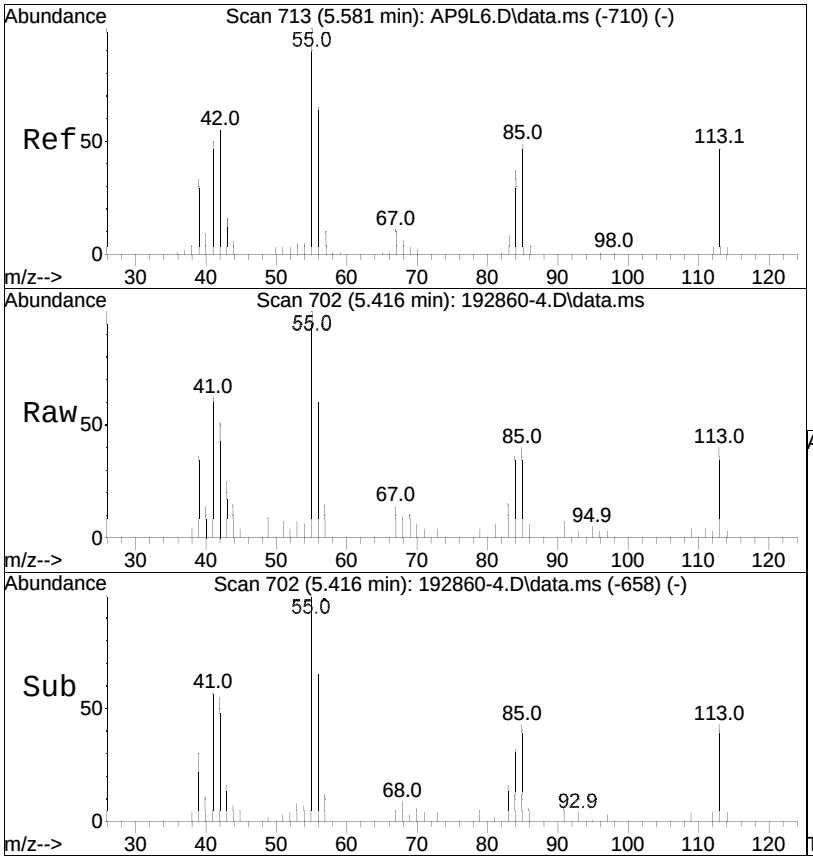


#53
2,6-Dinitrotoluene
Concen: 1.57 ug/ml
RT: 6.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:165 Resp: 6664

Ion	Ratio	Lower	Upper
165	100		
89	56.5	48.8	73.2
63	58.6	50.5	75.7

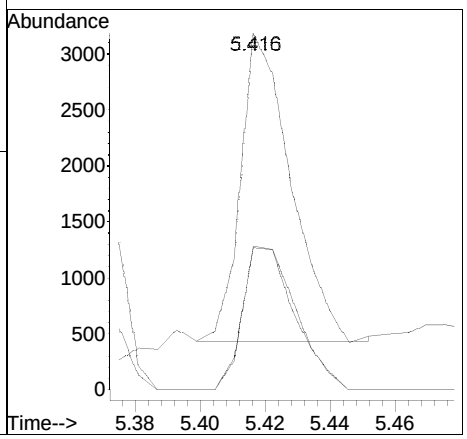


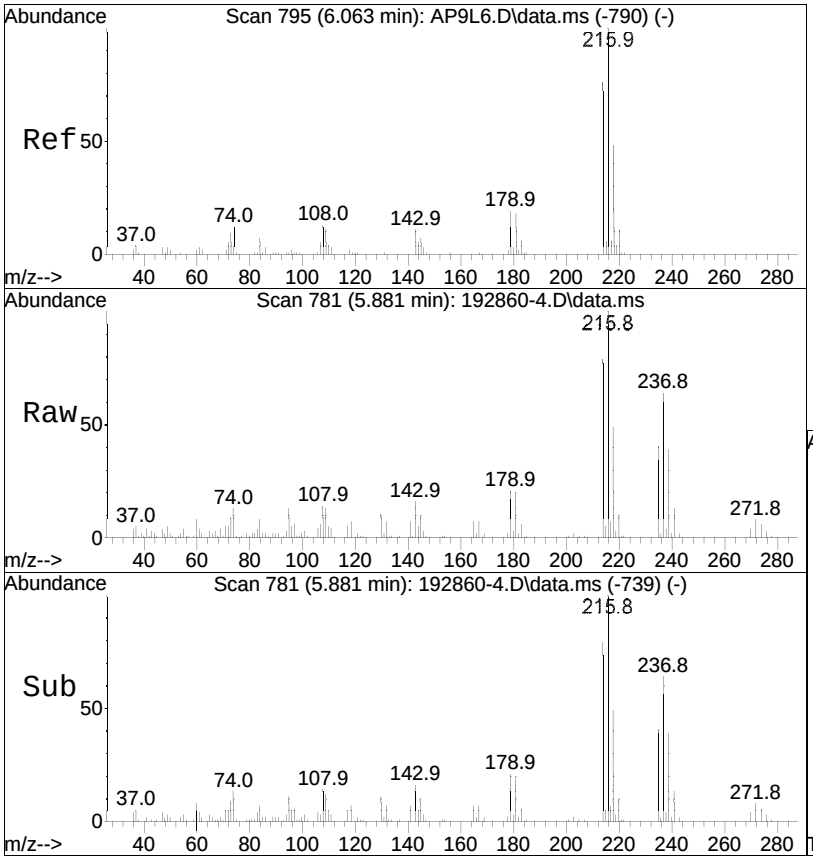


#60
Caprolactam
Concen: 0.75 ug/ml
RT: 5.416 min Scan# 702
Delta R.T. 0.012 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 55 Resp: 2945

Ion	Ratio	Lower	Upper
55	100		
85	48.7	35.2	52.8
113	49.7	36.6	55.0

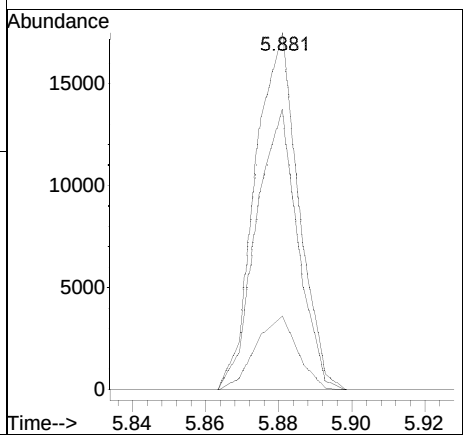


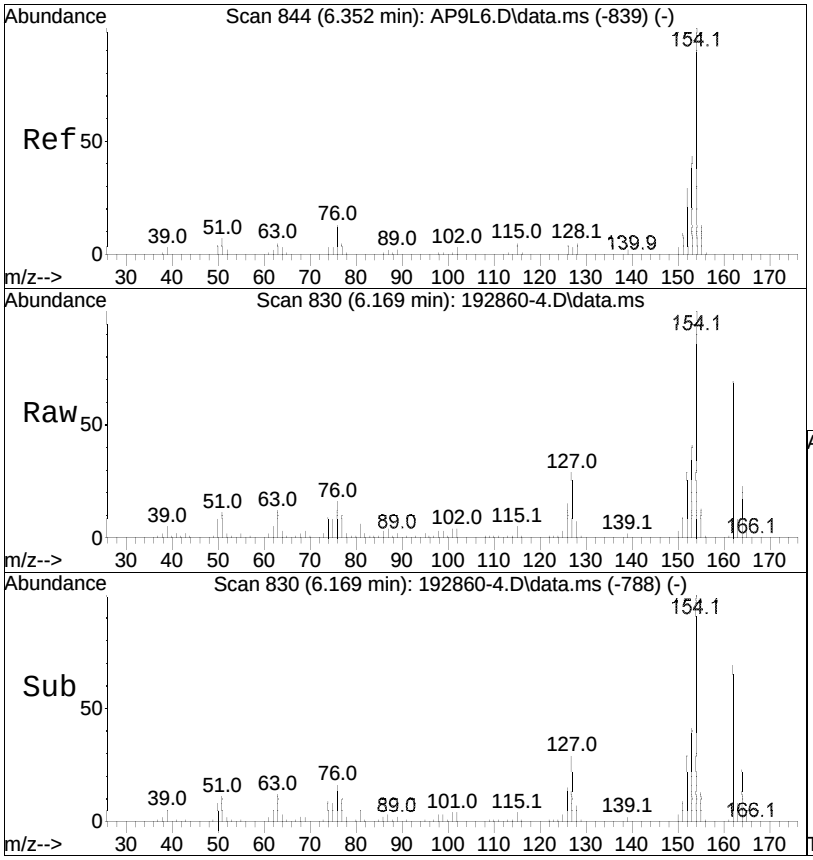


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.33 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:216 Resp: 14332

Ion	Ratio	Lower	Upper
216	100		
214	76.0	64.0	96.0
179	20.1	18.7	28.1

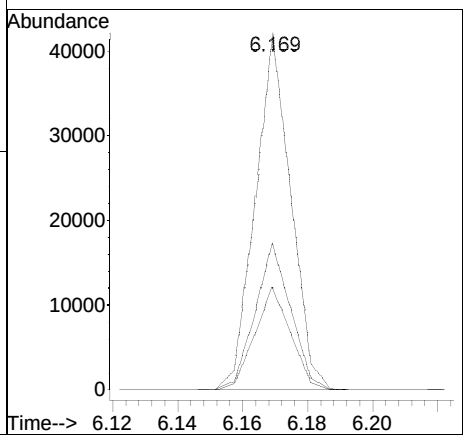


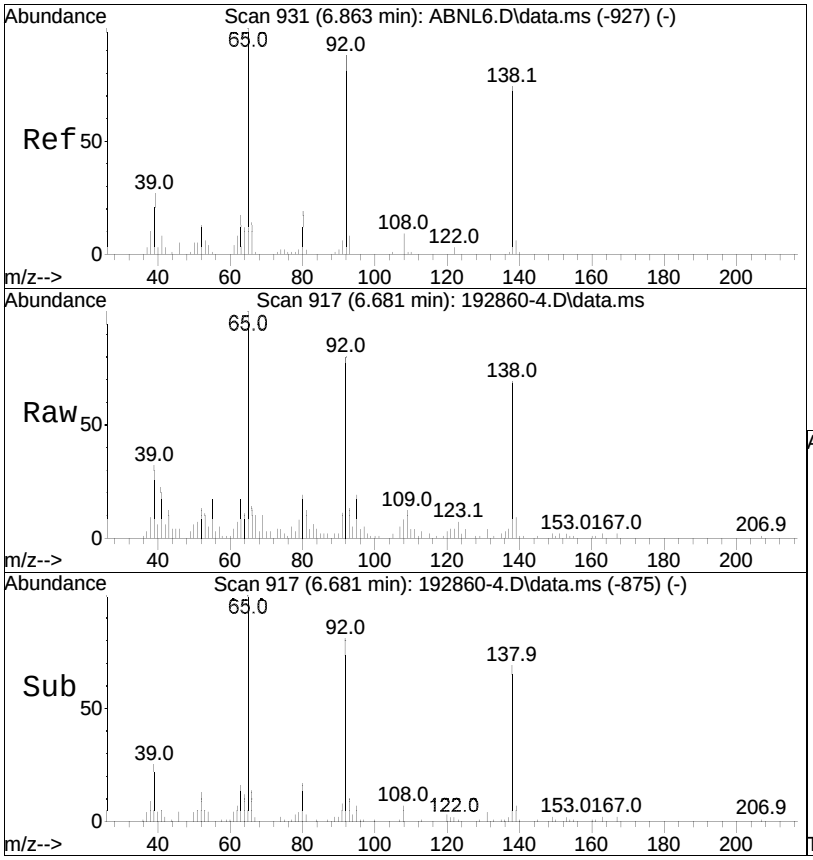


#62
Biphenyl
Concen: 1.36 ug/ml
RT: 6.169 min Scan# 830
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:154 Resp: 31592

Ion	Ratio	Lower	Upper
154	100		
153	41.8	32.5	48.7
152	29.4	22.6	34.0

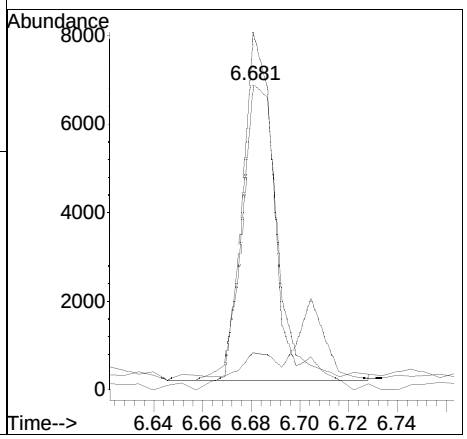


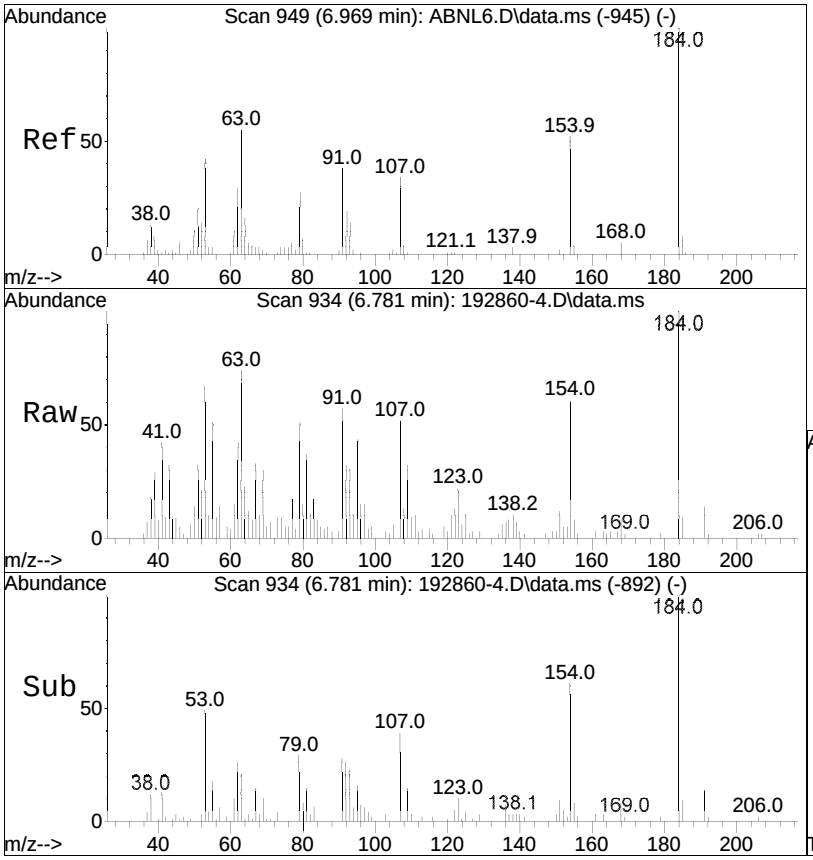


#64
3-Nitroaniline
Concen: 1.47 ug/ml
RT: 6.681 min Scan# 917
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:138 Resp: 6712

Ion	Ratio	Lower	Upper
138	100		
92	114.1	92.8	139.2
108	0.0	7.9	11.9#

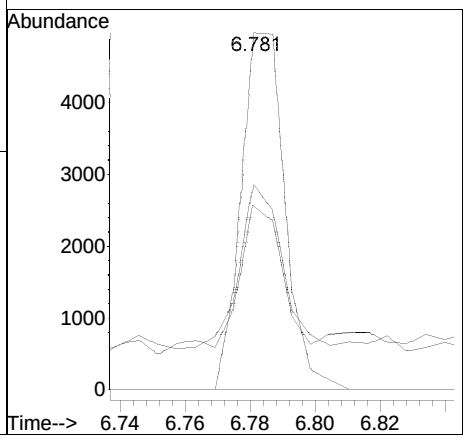


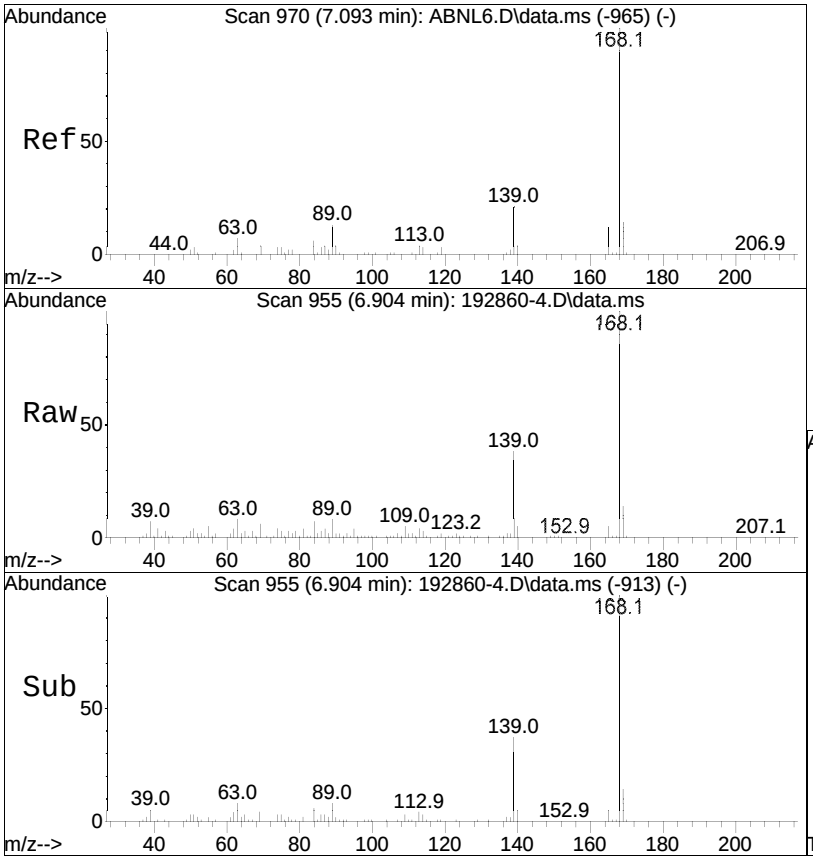


#66
2,4-Dinitrophenol
Concen: 2.13 ug/ml
RT: 6.781 min Scan# 934
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:184 Resp: 4637

Ion	Ratio	Lower	Upper
184	100		
107	37.9	41.8	62.6#
91	44.0	44.2	66.2#

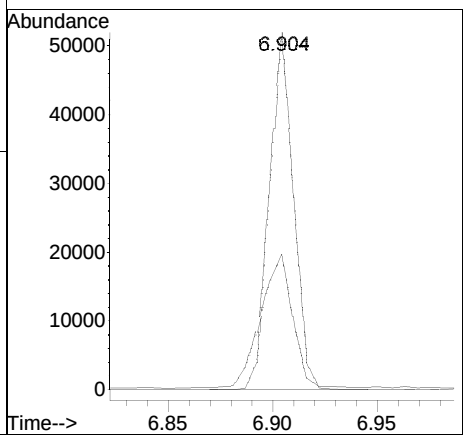


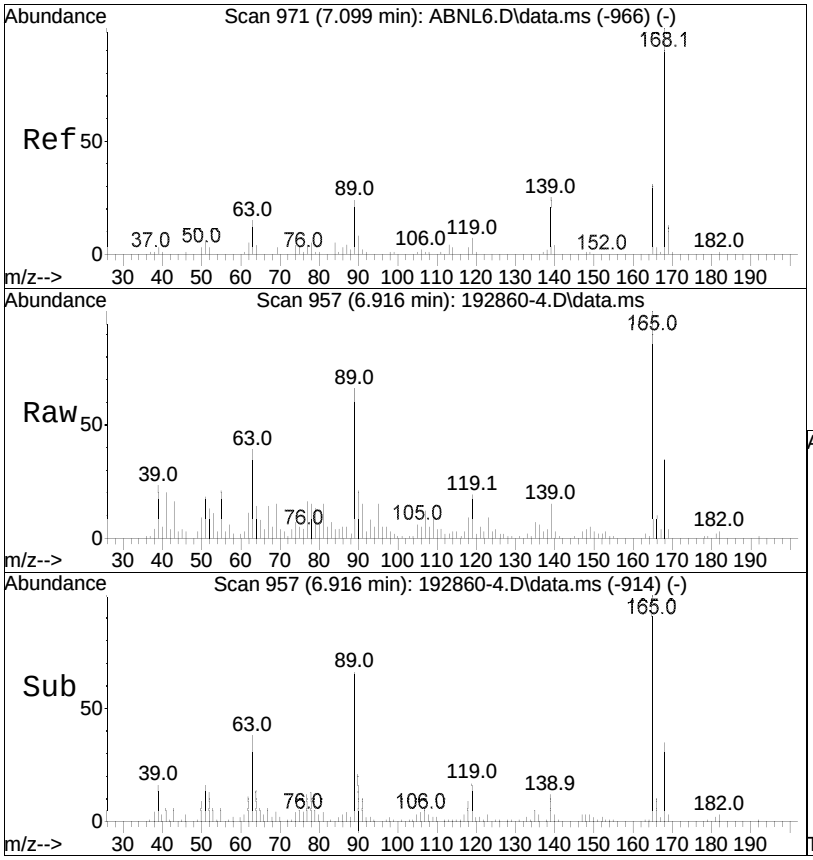


#67
Dibenzofuran
Concen: 1.39 ug/ml
RT: 6.904 min Scan# 955
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:168 Resp: 41451

Ion	Ratio	Lower	Upper
168	100		
139	48.2	32.3	48.5

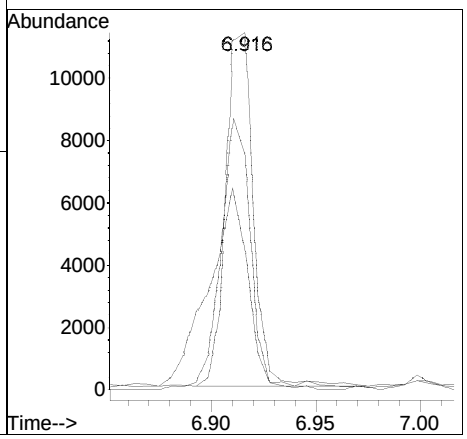


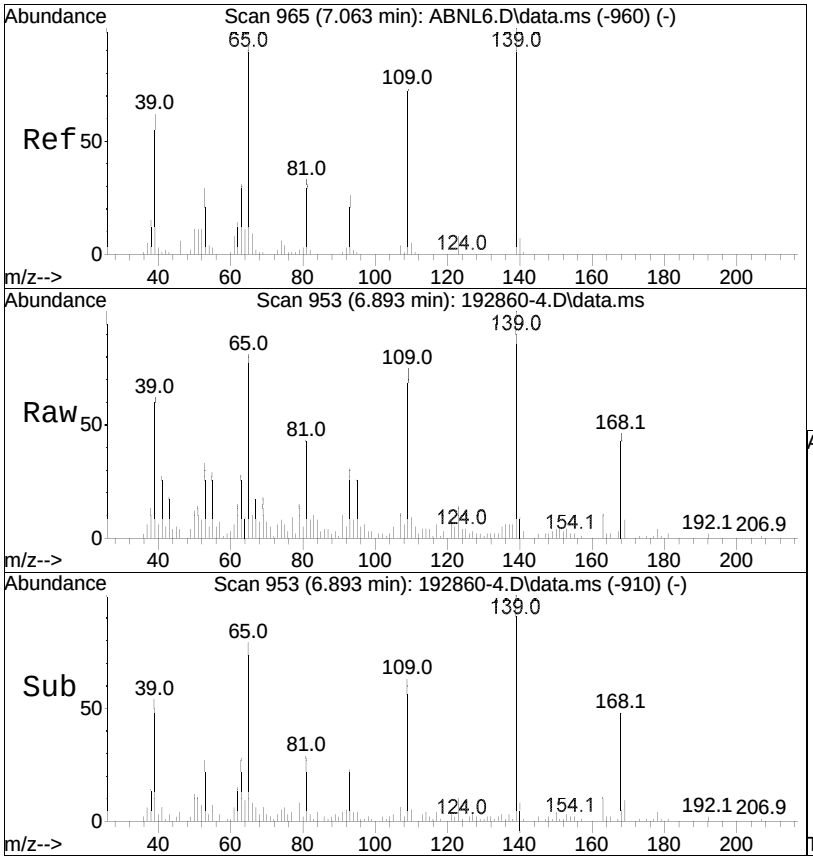


#68
2,4-Dinitrotoluene
Concen: 1.80 ug/ml
RT: 6.916 min Scan# 957
Delta R.T. 0.006 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:165 Resp: 10355

Ion	Ratio	Lower	Upper
165	100		
89	83.1	73.0	109.4
63	77.3	56.3	84.5

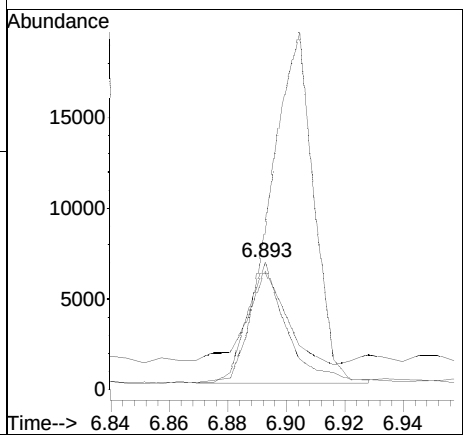


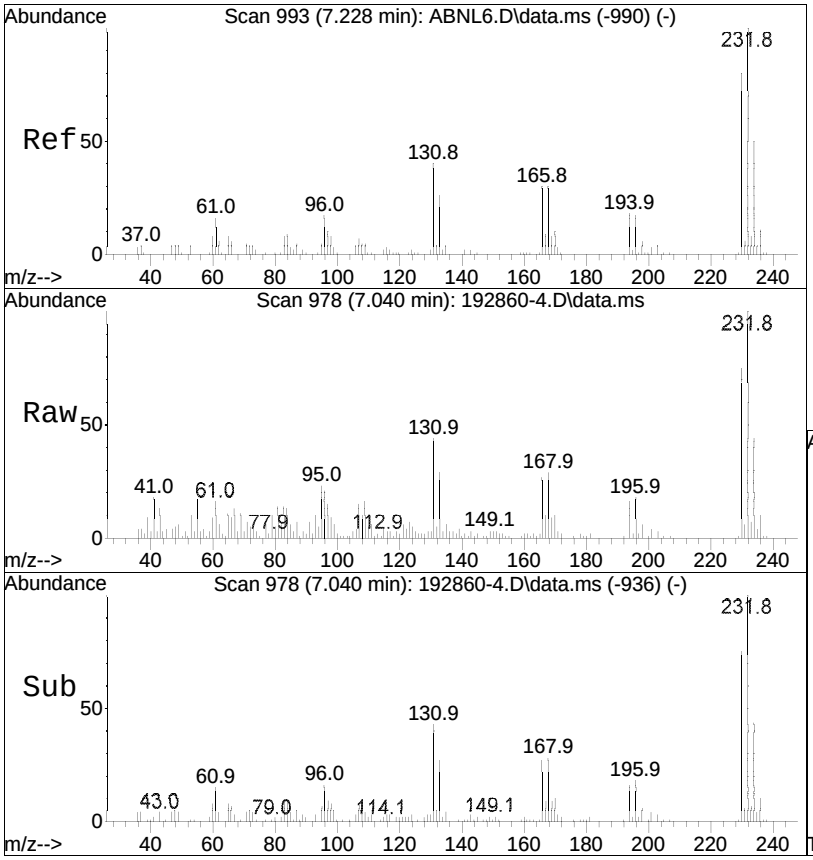


#69
4-Nitrophenol
Concen: 1.82 ug/ml
RT: 6.893 min Scan# 953
Delta R.T. 0.006 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion: 65 Resp: 6306

Ion	Ratio	Lower	Upper
65	100		
109	73.2	60.2	90.2
139	316.8	81.1	121.7#

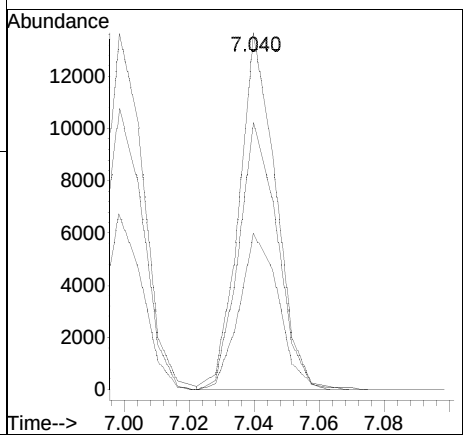


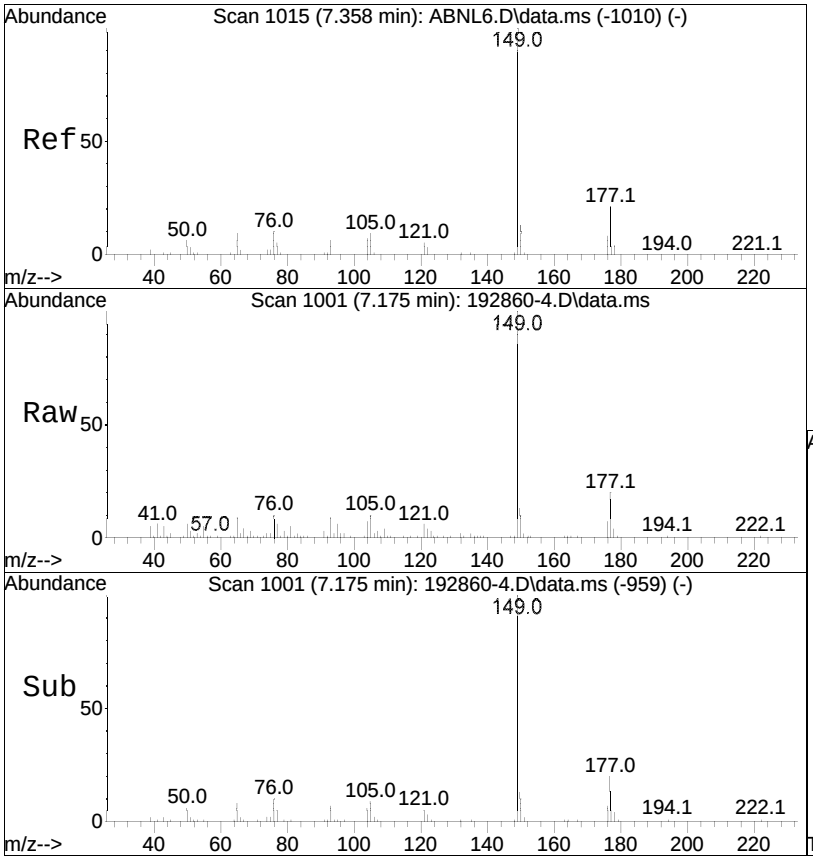


#71
2,3,4,6-Tetrachlorophenol
Concen: 1.73 ug/ml
RT: 7.040 min Scan# 978
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:232 Resp: 10789

Ion	Ratio	Lower	Upper
232	100		
230	78.8	63.8	95.8
234	46.7	39.0	58.6

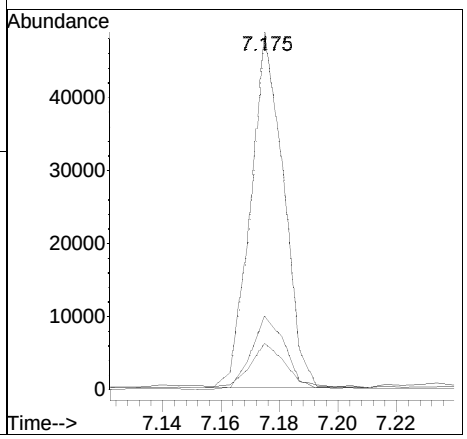


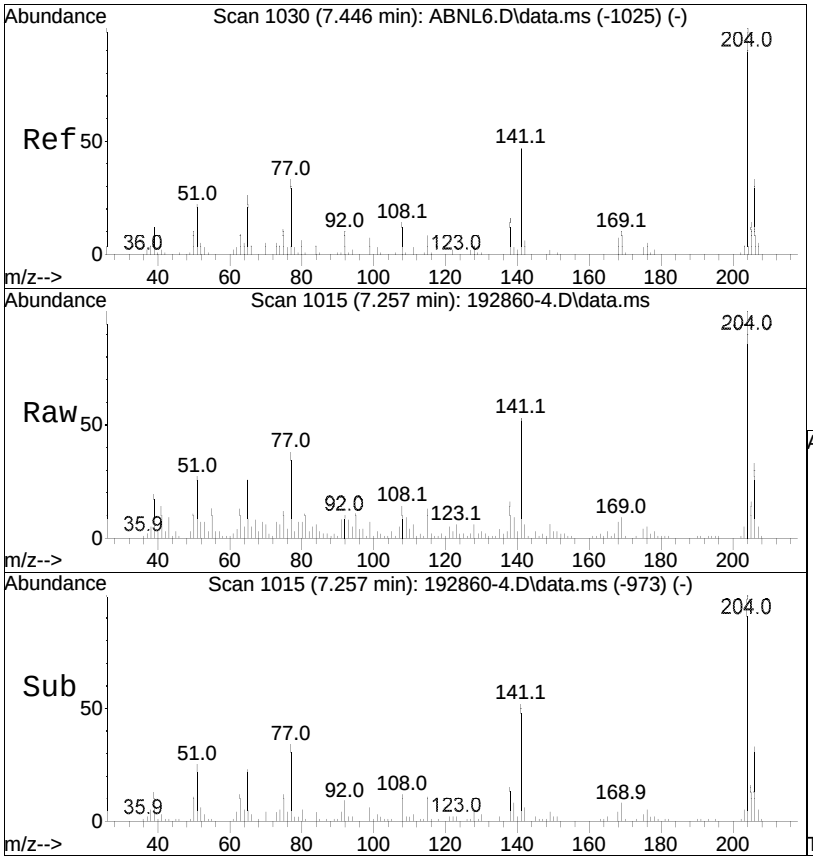


#72
Diethyl phthalate
Concen: 1.49 ug/ml
RT: 7.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:149 Resp: 37533

Ion	Ratio	Lower	Upper
149	100		
177	22.7	15.0	22.6#
150	13.0	9.8	14.6

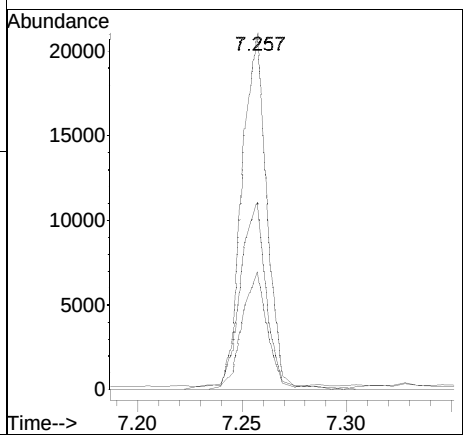


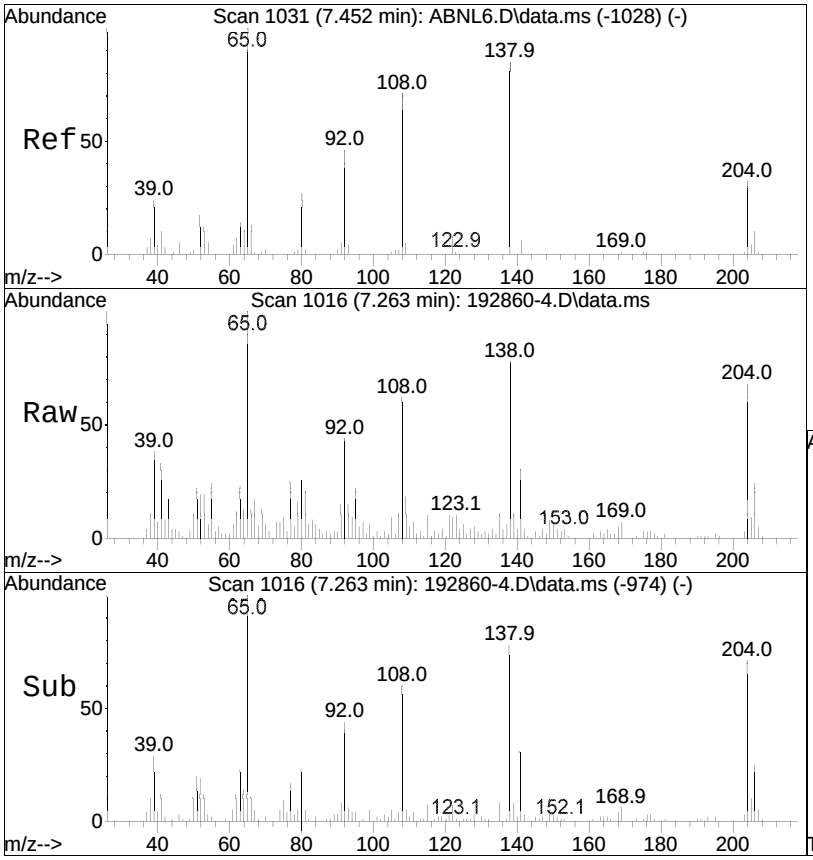


#74
4-Chlorophenyl phenyl ether
Concen: 1.39 ug/ml
RT: 7.257 min Scan# 1015
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:204 Resp: 17288

Ion	Ratio	Lower	Upper
204	100		
206	35.4	26.3	39.5
141	52.7	58.4	87.6#

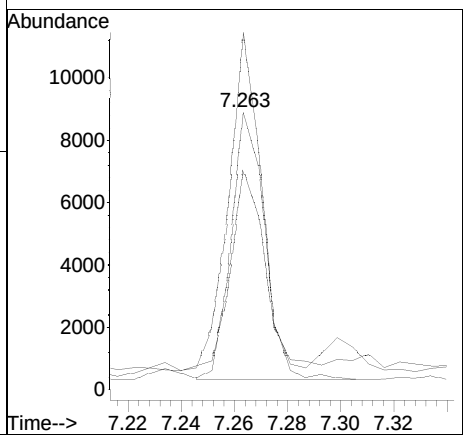


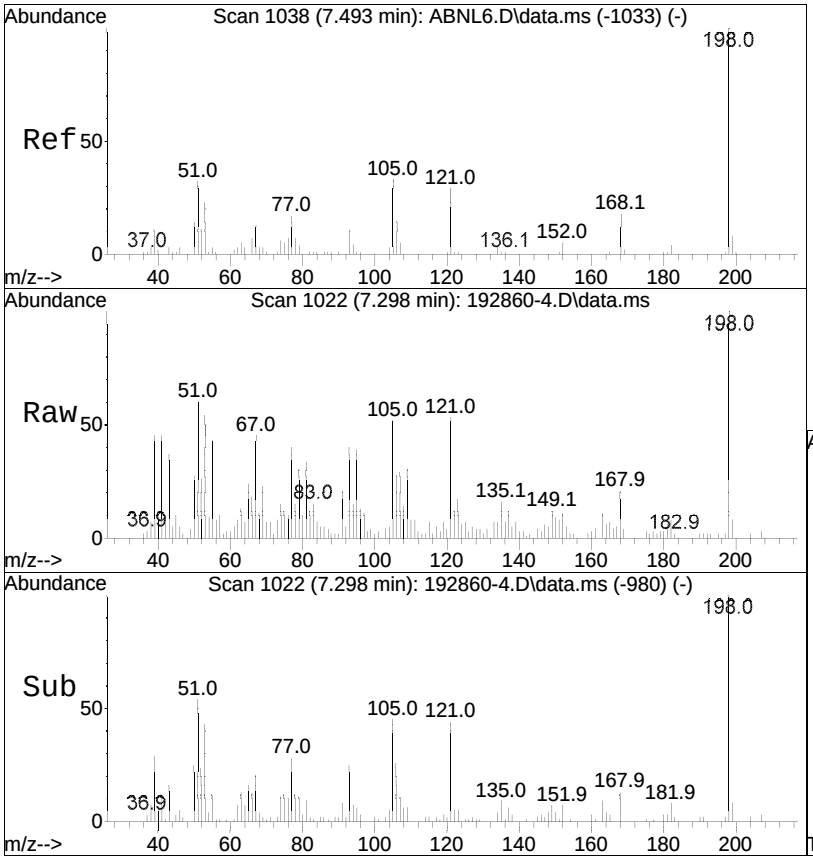


#75
4-Nitroaniline
Concen: 1.64 ug/ml
RT: 7.263 min Scan# 1016
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:138 Resp: 7551

Ion	Ratio	Lower	Upper
138	100		
108	76.6	59.2	88.8
65	120.6	97.6	146.4

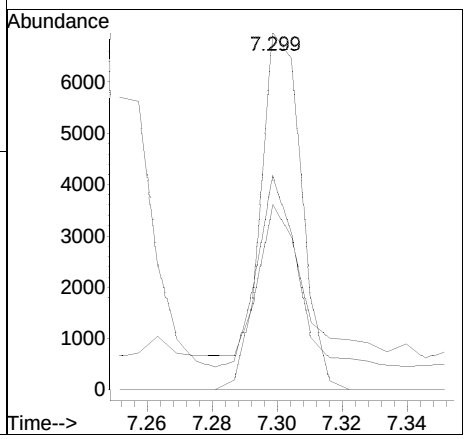


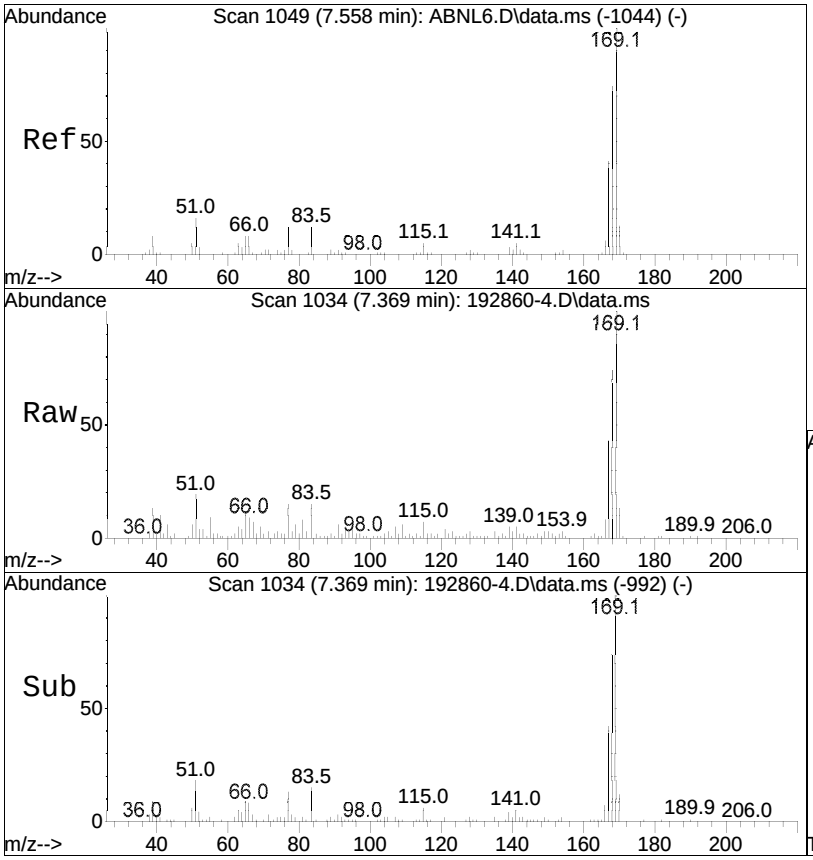


#76
4,6-Dinitro-o-cresol
Concen: 1.99 ug/ml
RT: 7.298 min Scan# 1022
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:198 Resp: 6109

Ion	Ratio	Lower	Upper
198	100		
51	52.8	49.9	74.9
105	49.4	45.8	68.6

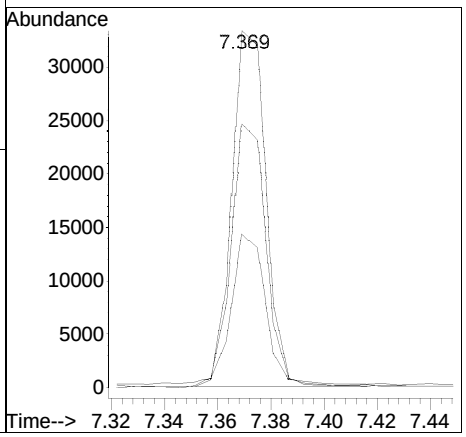


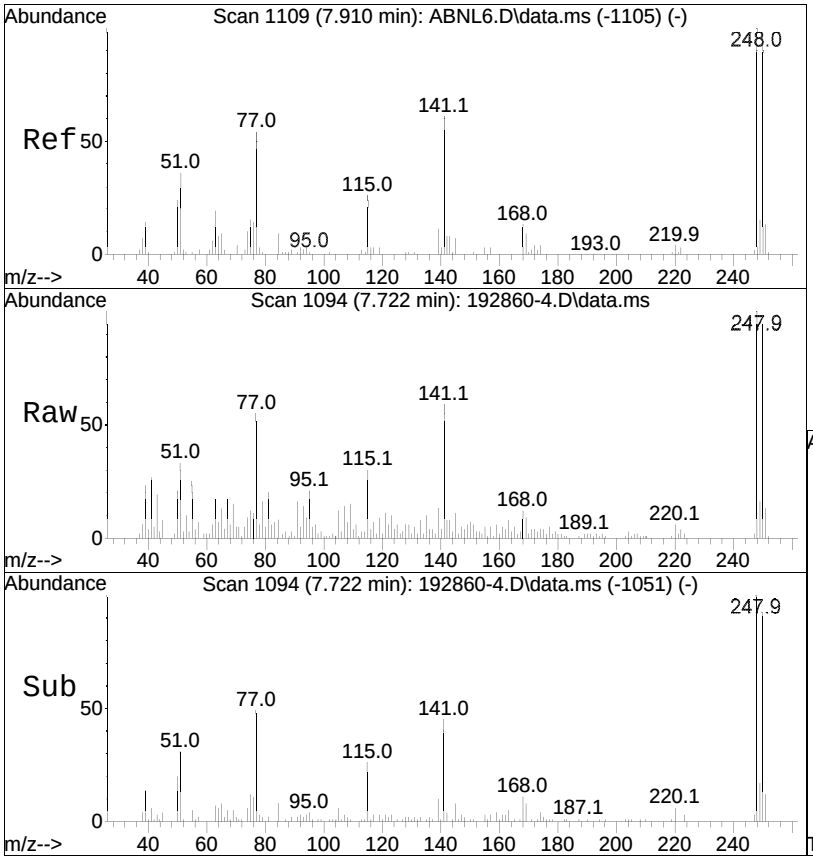


#77
NDPA/DPA
Concen: 1.42 ug/ml
RT: 7.369 min Scan# 1034
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:169 Resp: 29684

Ion	Ratio	Lower	Upper
169	100		
168	77.9	55.2	82.8
167	43.2	30.4	45.6

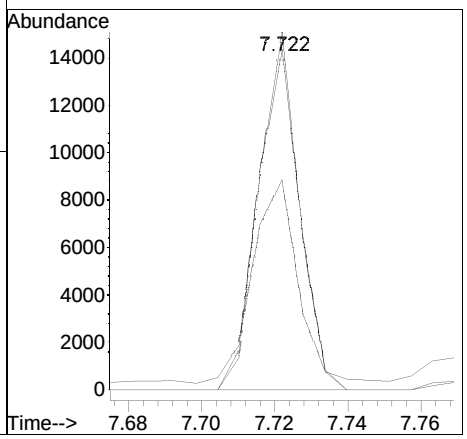


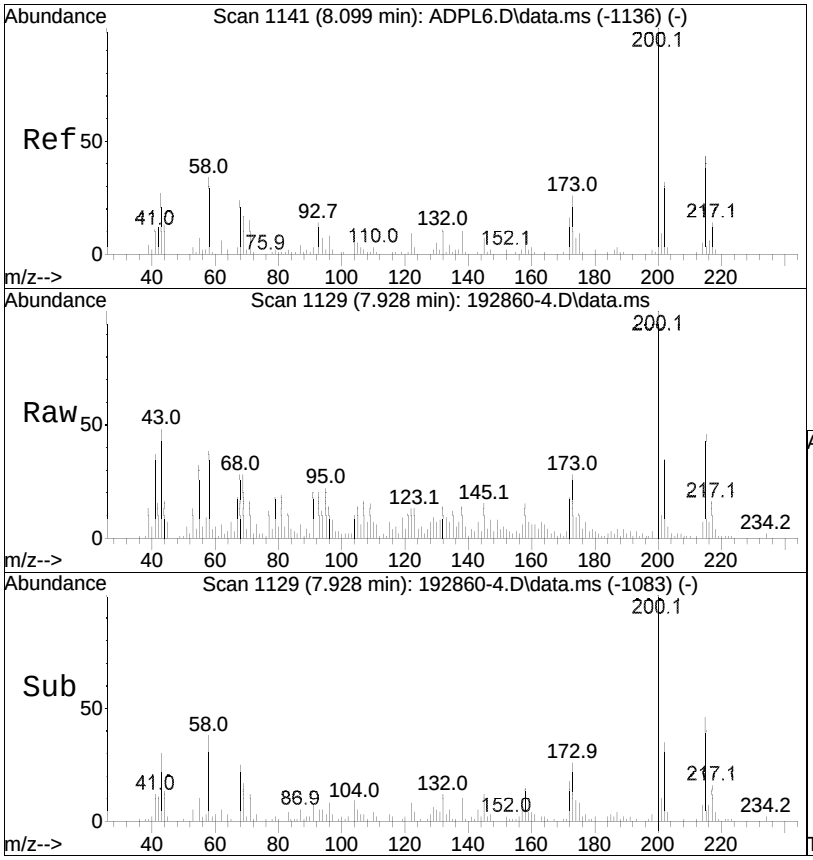


#80
4-Bromophenyl phenyl ether
Concen: 1.37 ug/ml
RT: 7.722 min Scan# 1094
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:248 Resp: 11562

Ion	Ratio	Lower	Upper
248	100		
141	63.6	74.6	111.8#
250	97.5	76.9	115.3

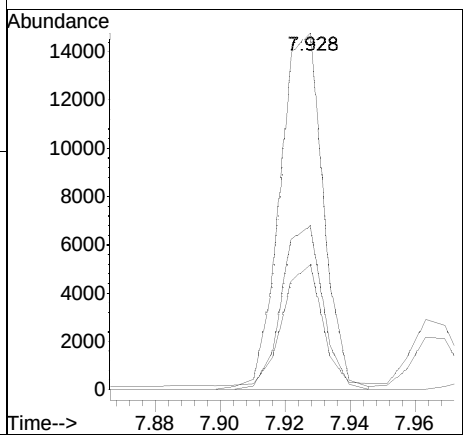


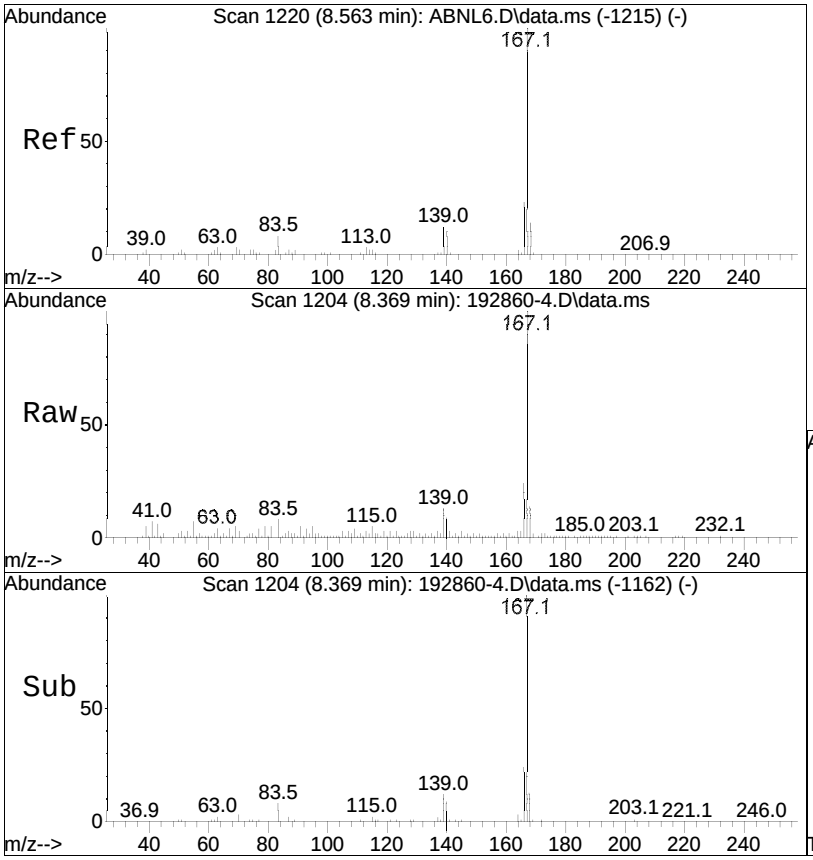


#87
Atrazine
Concen: 1.75 ug/ml
RT: 7.928 min Scan# 1129
Delta R.T. 0.018 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:200 Resp: 13565

Ion	Ratio	Lower	Upper
200	100		
202	31.7	25.0	37.6
215	43.7	34.5	51.7

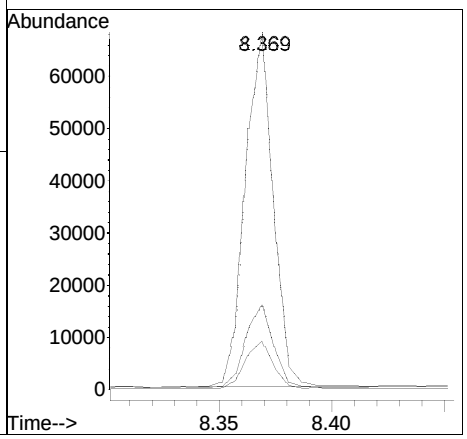


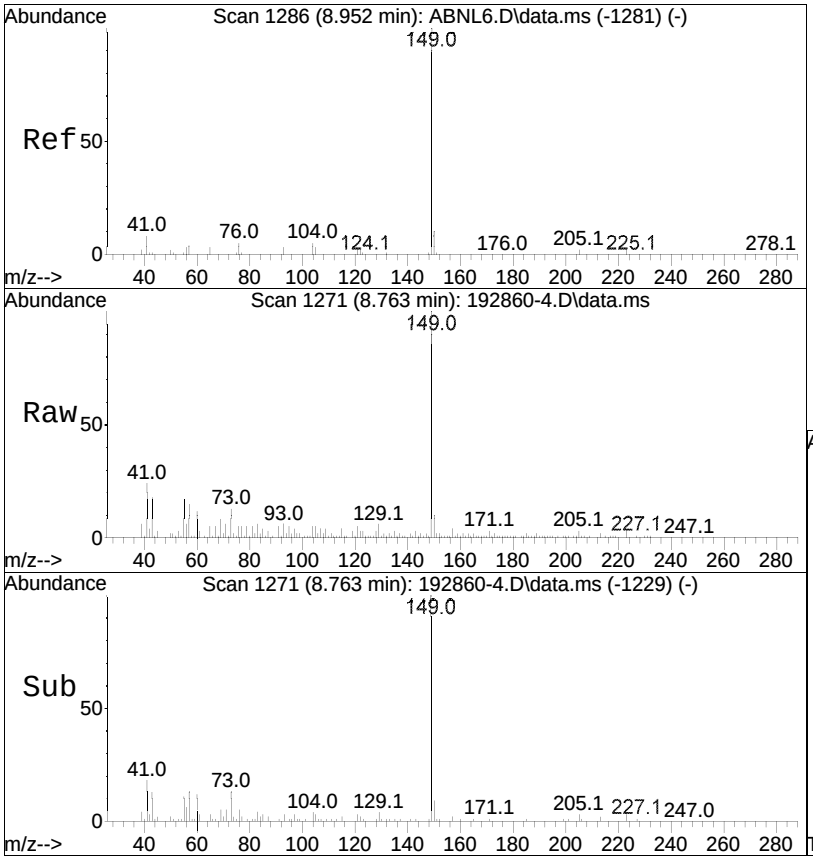


#91
Carbazole
Concen: 1.63 ug/ml
RT: 8.369 min Scan# 1204
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:167 Resp: 58314

Ion	Ratio	Lower	Upper
167	100		
168	13.5	10.8	16.2
166	23.2	17.7	26.5

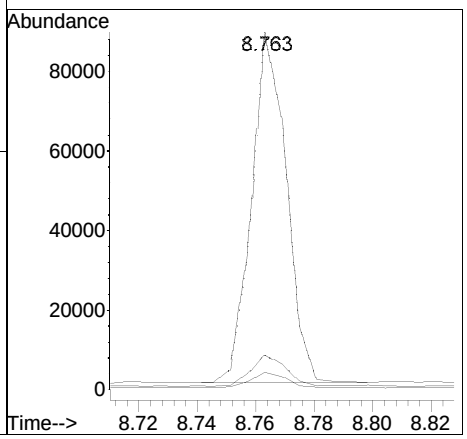


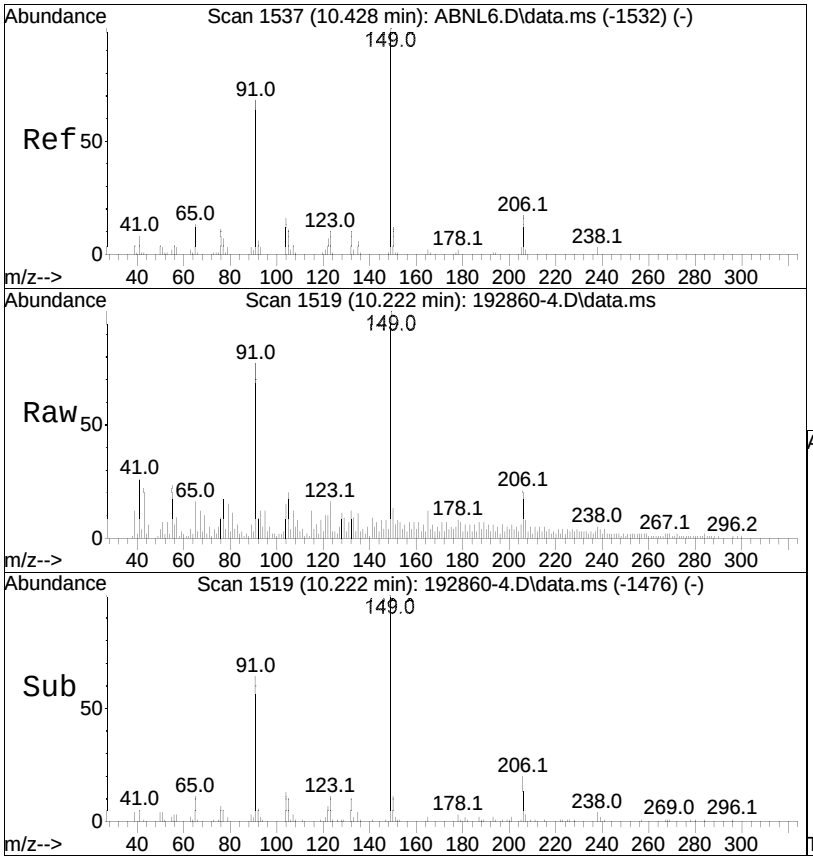


#92
Di-n-butylphthalate
Concen: 1.83 ug/ml
RT: 8.763 min Scan# 1271
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:149 Resp: 72424

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	4.0	6.0

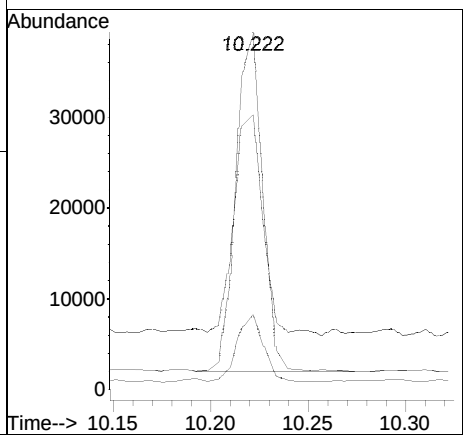


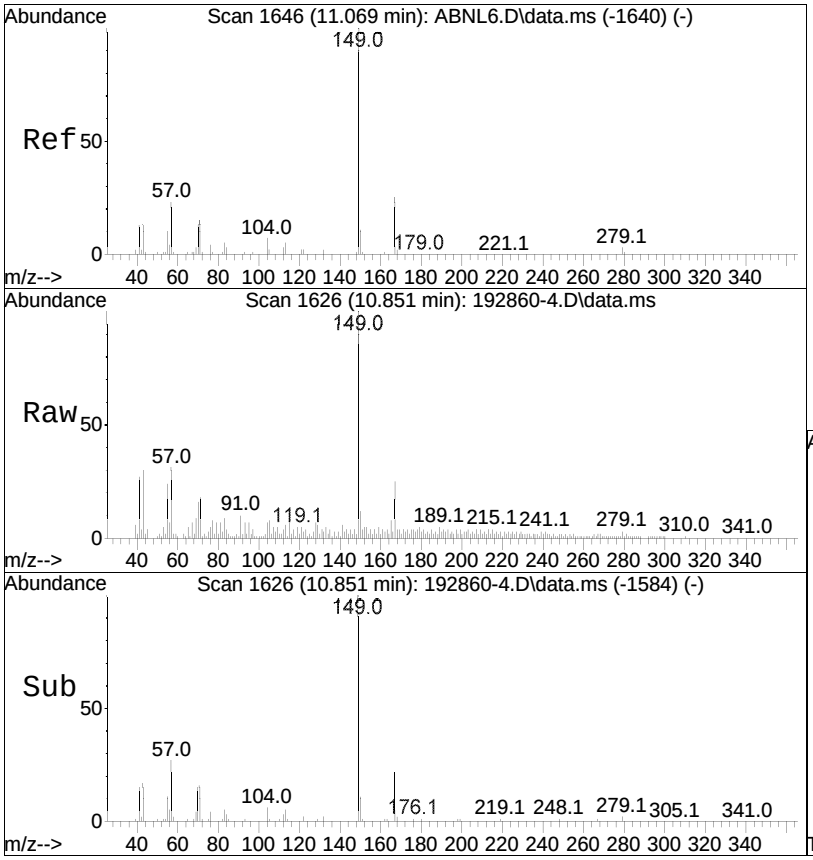


#97
Butyl benzyl phthalate
Concen: 2.23 ug/ml
RT: 10.222 min Scan# 1519
Delta R.T. 0.006 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:149 Resp: 35190

Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.9	86.9
206	19.9	11.9	17.9#

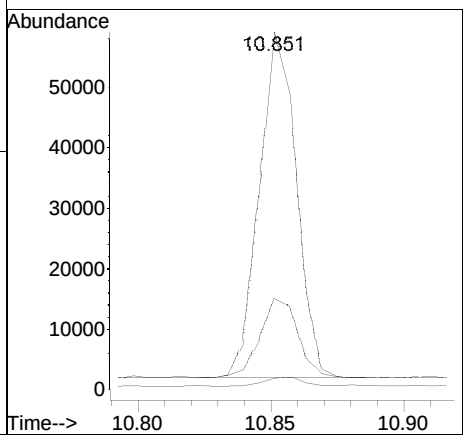


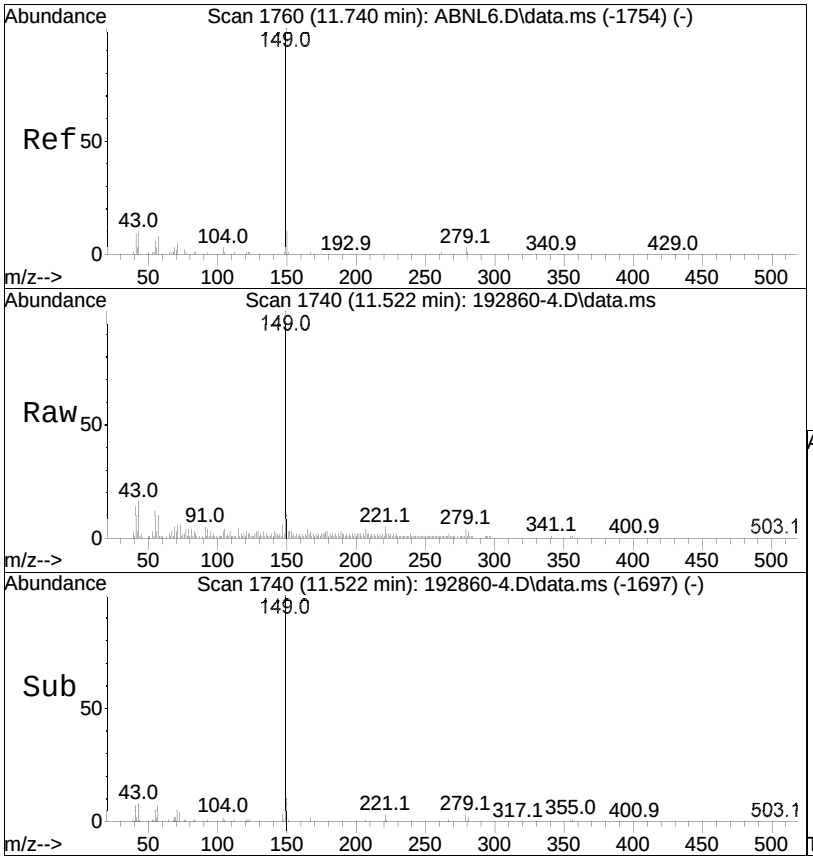


#108
Bis(2-ethylhexyl)phthalate
Concen: 2.20 ug/ml
RT: 10.851 min Scan# 1626
Delta R.T. -0.000 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:149 Resp: 55045

Ion	Ratio	Lower	Upper
149	100		
167	24.6	18.4	27.6
279	2.9	1.7	2.5#

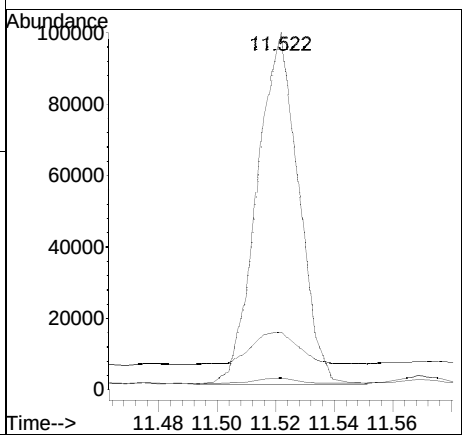




#109
Di-n-octylphthalate
Concen: 2.30 ug/ml
RT: 11.522 min Scan# 1740
Delta R.T. 0.006 min
Lab File: 192860-4.D
Acq: 04 Apr 2026 02:51 pm

Tgt Ion:149 Resp: 96342

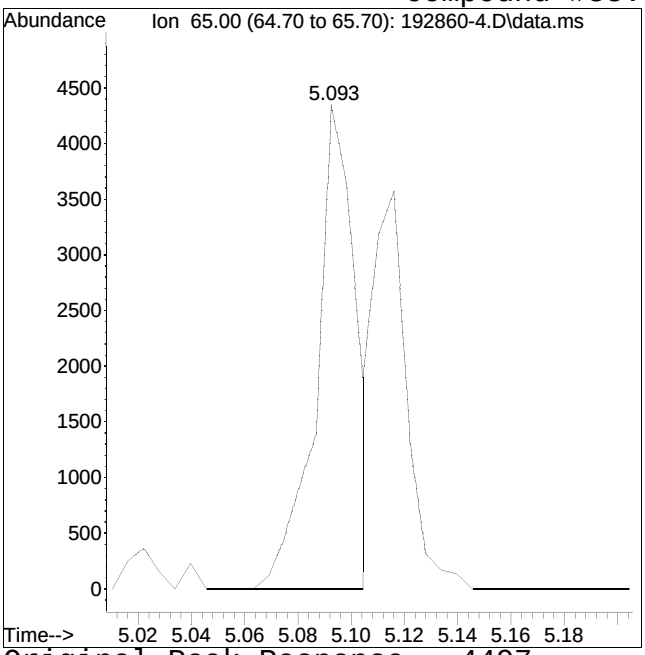
Ion	Ratio	Lower	Upper
149	100		
43	10.4	8.2	12.2
167	0.0	1.1	1.7#

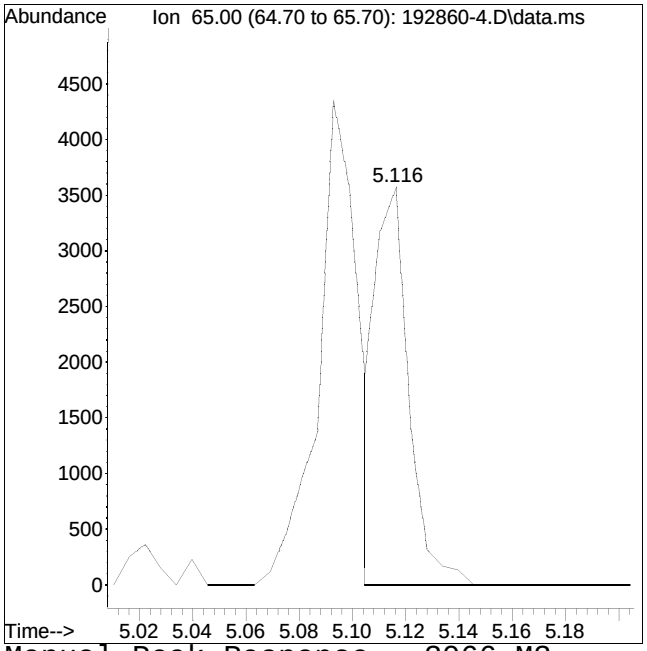


Manual Integration Report

Data Path : I:\8270\SV112\260404rvt\ QMethod : FS260206SV112RVT.m
Data File : 192860-4.D Operator : SV112:cmm
Date Inj'd : 4/4/2026 2:51 pm Instrument : SV112
Sample : WG2192860-4,32,,gmr Quant Date : 4/4/2026 3:06 pm

Compound #38: 4-Chloroaniline





Original Peak Response = 4497 Manual Peak Response = 3066 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 : I:\8270\SV112\260404rvt\
Data File : 192860-5.D
Acq On : 04 Apr 2026 03:10 pm
Operator : SV112:cmm
Sample : WG2192860-5,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 06:56:48 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.828	152	26703	4.000	ug/ml		0.00
Standard Area 1 = 20342			Recovery = 131.27%				
27) IS2_1,4-Dichlorobenzen...	3.828	152	26703	4.000	ug/ml		0.00
Standard Area 3 = 20934			Recovery = 127.56%				
35) IS1_Naphthalene-d8	5.022	136	99386	4.000	ug/ml		0.00
Standard Area 1 = 76705			Recovery = 129.57%				
55) IS2_Naphthalene-d8	5.022	136	99386	4.000	ug/ml		0.00
Standard Area 3 = 78037			Recovery = 127.36%				
63) IS1_Acenaphthene-d10	6.705	164	65540	4.000	ug/ml		0.00
Standard Area 1 = 48351			Recovery = 135.55%				
83) IS2_Acenaphthene-d10	6.705	164	65540	4.000	ug/ml		0.00
Standard Area 3 = 48003			Recovery = 136.53%				
86) IS3_Acenaphthene-d10	6.705	164	65540	4.000	ug/ml		0.00
Standard Area 2 = 45459			Recovery = 144.17%				
88) IS1_Phenanthrene-d10	8.128	188	147767	4.000	ug/ml	#	0.00
Standard Area 1 = 110399			Recovery = 133.85%				
100) IS3_Phenanthrene-d10	8.128	188	147767	4.000	ug/ml	#	0.00
Standard Area 2 = 111052			Recovery = 133.06%				
104) IS1_Chrysene-d12	10.722	240	162255	4.000	ug/ml	#	0.00
Standard Area 1 = 133417			Recovery = 121.61%				
113) IS1_Perylene-d12	12.169	264	189427	4.000	ug/ml		0.00
Standard Area 1 = 145451			Recovery = 130.23%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.681	112	8918	1.340	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 67.00%				
7) Phenol-d6	3.534	99	8975	1.011	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 50.55%				
19) Nitrobenzene-d5	4.346	82	7113	0.933	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 93.30%				
46) 2-Fluorobiphenyl	6.081	172	18945	0.840	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 84.00%				
79) 2,4,6-Tribromophenol	7.469	330	7892	1.895	ug/ml		0.00
Spiked Amount 2.000	Range 15 - 110		Recovery = 94.75%				
96) 4-Terphenyl-d14	9.698	244	37345	0.973	ug/ml		0.00
Spiked Amount 1.000	Range 30 - 130		Recovery = 97.30%				

Data Path : I:\8270\SV112\260404rvt\
Data File : 192860-5.D
Acq On : 04 Apr 2026 03:10 pm
Operator : SV112:cmm
Sample : WG2192860-5,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 06:56:48 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
6) 2-Chlorophenol	3.640	128	12477	1.583	ug/ml	98
8) Phenol	3.546	94	10453	1.024	ug/ml#	66
9) Bis(2-chloroethyl)ether	3.599	93	11672	1.553	ug/ml	96
14) Bis(2-chloroisopropyl)...	4.105	45	19544	1.747	ug/ml#	71
15) 2-Methylphenol	4.105	108	11066	1.598	ug/ml	96
17) n-Nitrosodi-n-propylamine	4.228	70	9953	1.667	ug/ml	95
18) 3-Methylphenol/4-Methy...	4.258	108	11996	1.617	ug/ml	96
20) Nitrobenzene	4.363	77	13898	1.777	ug/ml	96
21) Isophorone	4.599	82	27340	1.607	ug/ml	99
22) 2-Nitrophenol	4.669	139	7276	2.132	ug/ml	97
23) 2,4-Dimethylphenol	4.752	107	14323	1.751	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.828	93	17097	1.623	ug/ml	98
25) 2,4-Dichlorophenol	4.910	162	13565	1.754	ug/ml	96
28) Benzaldehyde	3.422	105	10249	1.547	ug/ml	96
29) Acetophenone	4.211	105	19290	1.668	ug/ml	99
38) 4-Chloroaniline	5.116	65	3681M3	1.159	ug/ml	
40) p-Chloro-m-cresol	5.616	107	14387	2.014	ug/ml	98
43) Hexachlorocyclopentadiene	5.881	237	10692	1.567	ug/ml	99
44) 2,4,6-Trichlorophenol	6.005	196	12366	1.913	ug/ml	100
45) 2,4,5-Trichlorophenol	6.034	196	13943	2.014	ug/ml	97
48) 2-Nitroaniline	6.287	138	11312	2.490	ug/ml	96
51) Dimethyl phthalate	6.493	163	41767	1.717	ug/ml	98
53) 2,6-Dinitrotoluene	6.528	165	8621	2.081	ug/ml	89
60) Caprolactam	5.422	55	3545	0.921	ug/ml	92
61) 1,2,4,5-Tetrachloroben...	5.881	216	16234	1.544	ug/ml	97
62) Biphenyl	6.169	154	37562	1.660	ug/ml	98
64) 3-Nitroaniline	6.687	138	6823	1.524	ug/ml#	91
66) 2,4-Dinitrophenol	6.787	184	5480	2.564	ug/ml#	84
67) Dibenzofuran	6.904	168	49123	1.673	ug/ml	88
68) 2,4-Dinitrotoluene	6.916	165	12331	2.186	ug/ml	89
69) 4-Nitrophenol	6.893	65	7421	2.187	ug/ml#	1
71) 2,3,4,6-Tetrachlorophenol	7.040	232	12554	2.048	ug/ml	99
72) Diethyl phthalate	7.175	149	44006	1.779	ug/ml	96
74) 4-Chlorophenyl phenyl ...	7.257	204	20605	1.684	ug/ml#	79
75) 4-Nitroaniline	7.263	138	8665	1.920	ug/ml	99
76) 4,6-Dinitro-o-cresol	7.304	198	7581	2.516	ug/ml#	87

Data Path : I:\8270\SV112\260404rvt\
Data File : 192860-5.D
Acq On : 04 Apr 2026 03:10 pm
Operator : SV112:cmm
Sample : WG2192860-5,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 06:56:48 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV112\260404RVT\ABN0404.D
: 2 - I:\8270\SV112\260404RVT\ADP0404.D
: 3 - I:\8270\SV112\260404RVT\AP90404.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77)	NDPA/DPA	7.375	169	36049	1.760	ug/ml	95
80)	4-Bromophenyl phenyl e...	7.722	248	13820	1.671	ug/ml#	82
87)	Atrazine	7.928	200	14638	1.922	ug/ml	96
91)	Carbazole	8.369	167	68115	1.924	ug/ml	99
92)	Di-n-butylphthalate	8.763	149	85345	2.175	ug/ml	99
97)	Butyl benzyl phthalate	10.222	149	40424	2.591	ug/ml#	94
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
108)	Bis(2-ethylhexyl)phtha...	10.851	149	64427	2.674	ug/ml#	98
109)	Di-n-octylphthalate	11.522	149	110841	2.757	ug/ml#	93

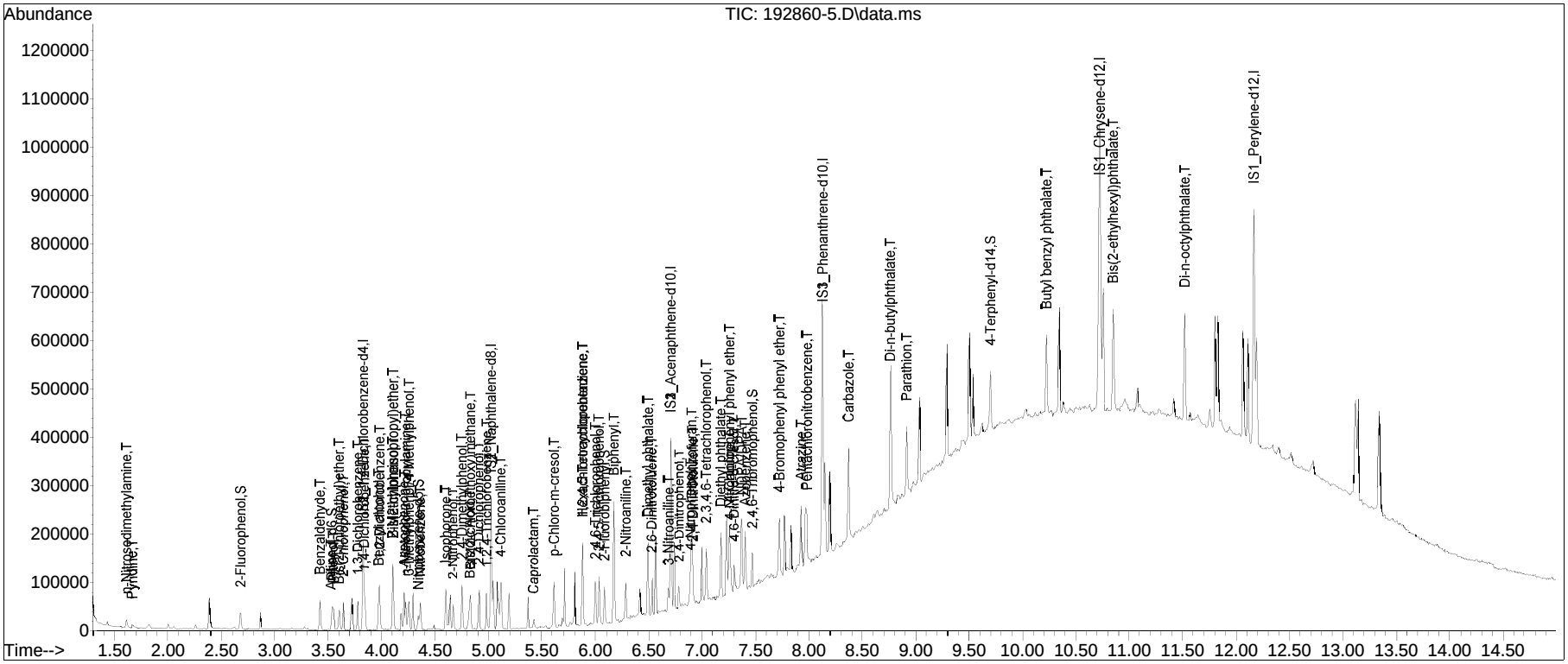
(#) = qualifier out of range (m) = manual integration (+) = signals summed

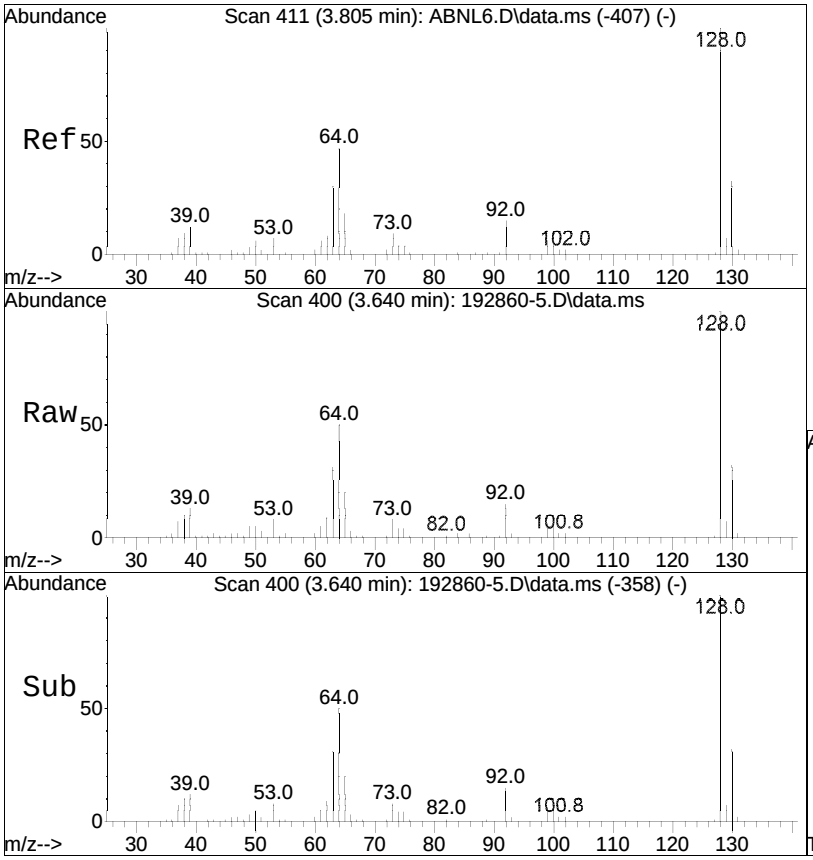
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\260404rvt\
Data File : 192860-5.D
Acq On : 04 Apr 2026 03:10 pm
Operator : SV112:cmm
Sample : WG2192860-5,32,,gmr
Misc : WG2193904,WG2192860,ical23047
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 06:56:48 2026
Quant Method : I:\8270\SV112\260404RVT\FS260206SV112RVT.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Apr 04 10:10:11 2026
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA90404.D•

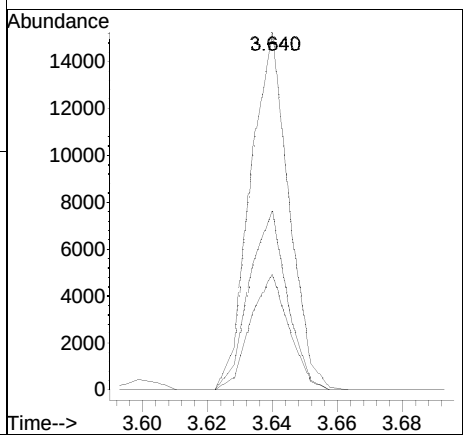


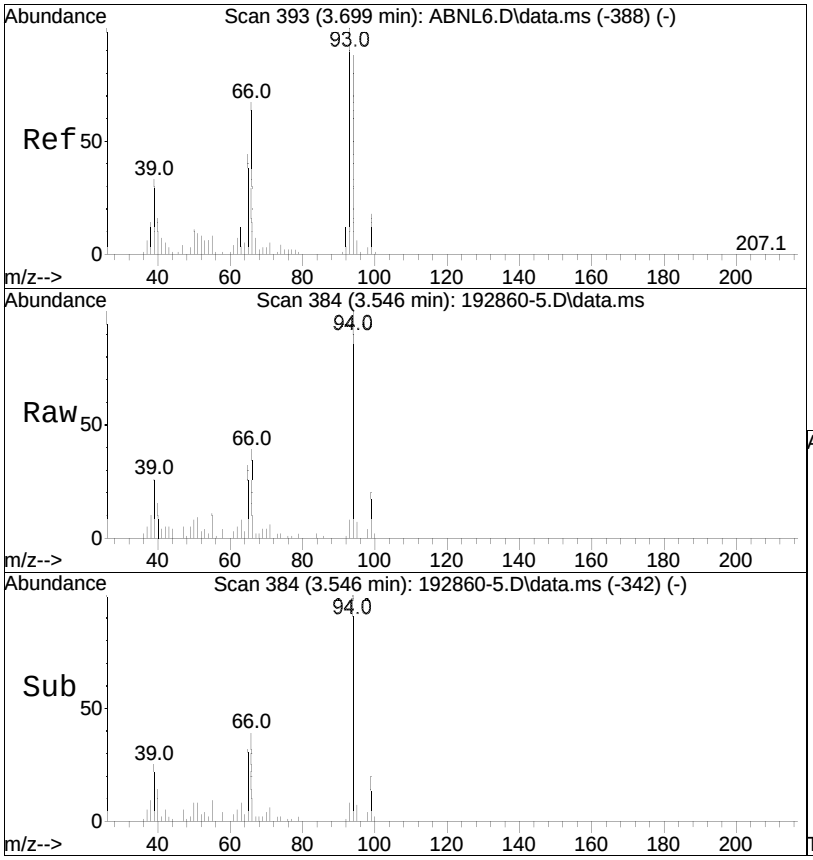


#6
2-Chlorophenol
Concen: 1.58 ug/ml
RT: 3.640 min Scan# 400
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:128 Resp: 12477

Ion	Ratio	Lower	Upper
128	100		
64	49.3	38.2	57.4
130	32.4	26.2	39.2

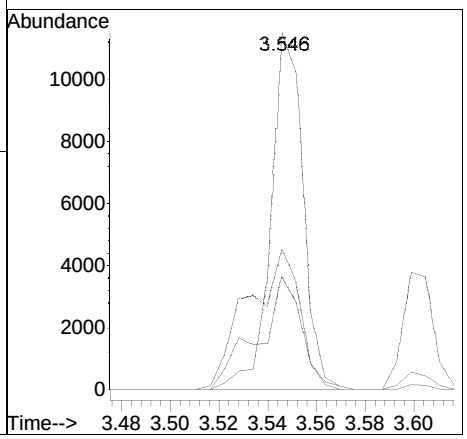


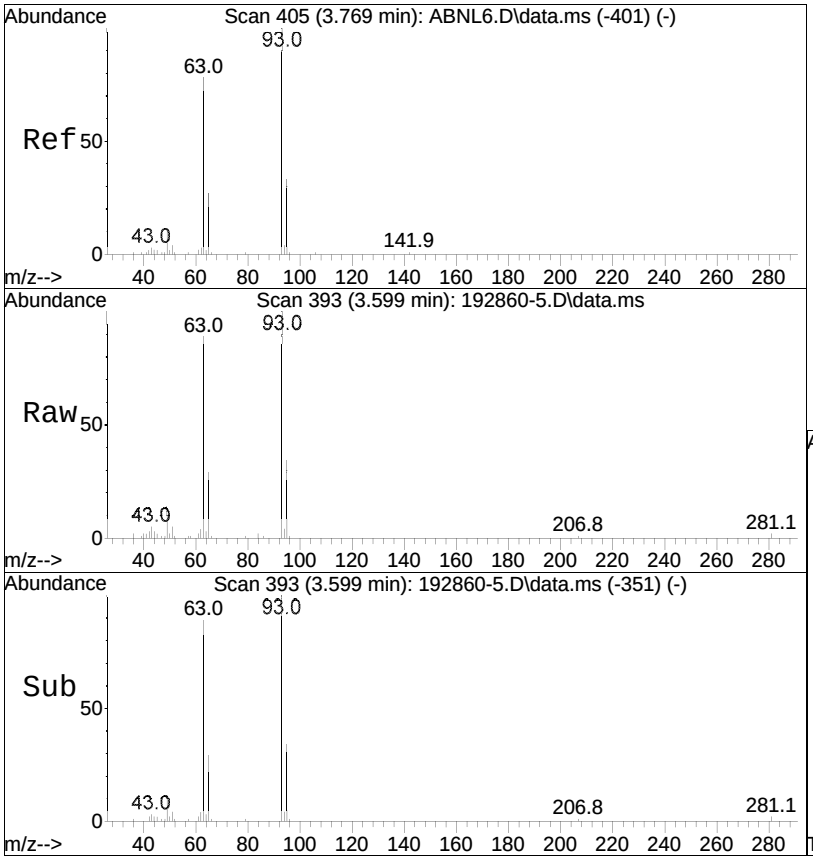


#8
Phenol
Concen: 1.02 ug/ml
RT: 3.546 min Scan# 384
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 94 Resp: 10453

Ion	Ratio	Lower	Upper
94	100		
65	42.9	23.0	34.6#
66	64.5	32.1	48.1#

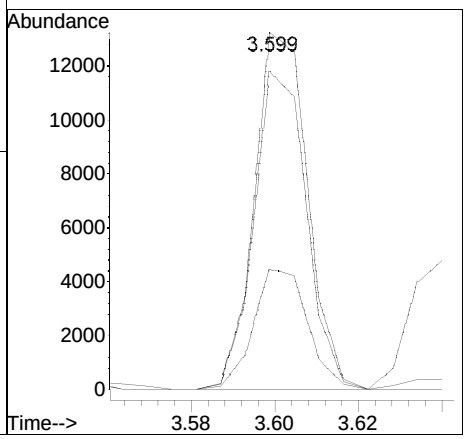


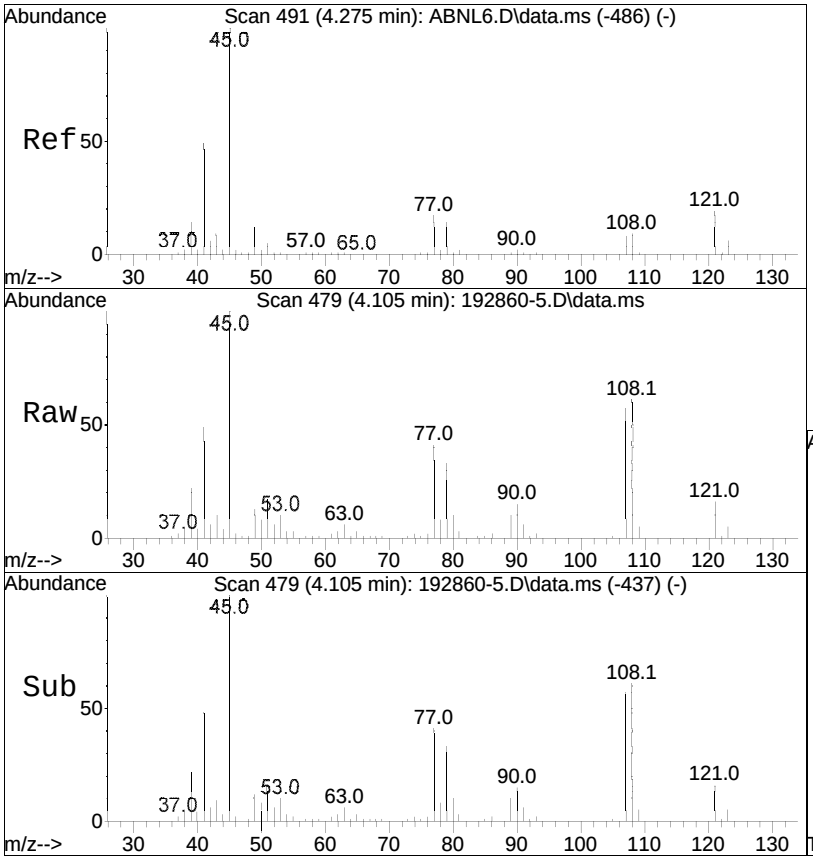


#9
Bis(2-chloroethyl)ether
Concen: 1.55 ug/ml
RT: 3.599 min Scan# 393
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 93 Resp: 11672

Ion	Ratio	Lower	Upper
93	100		
63	87.9	67.0	100.4
95	34.6	26.1	39.1

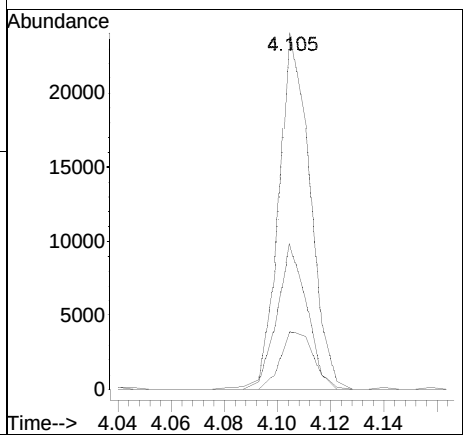


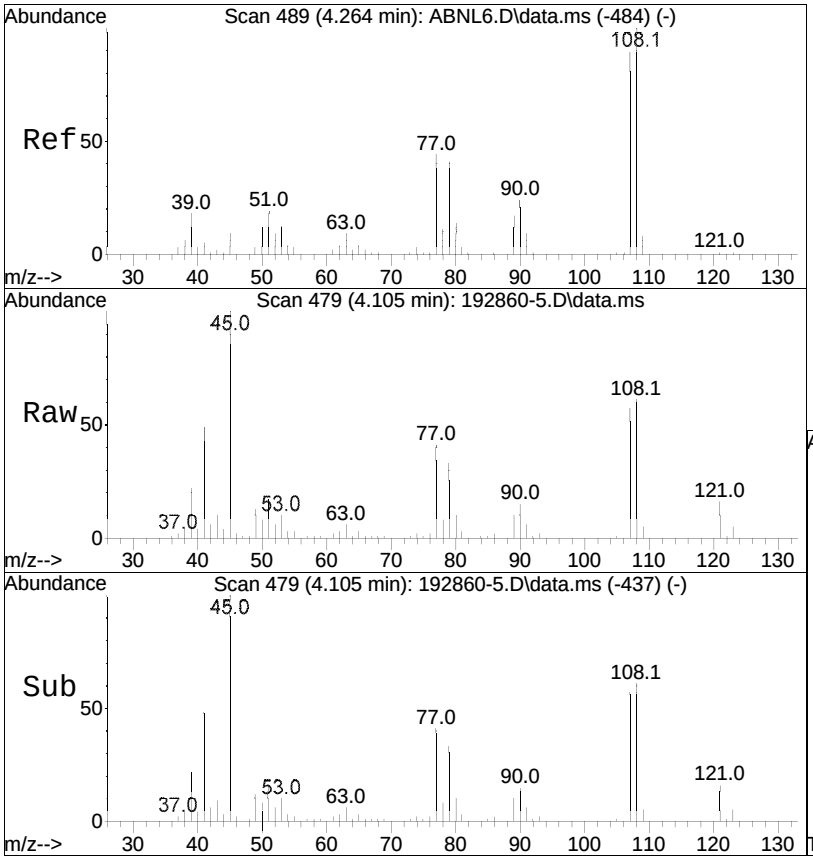


#14
Bis(2-chloroisopropyl)ether
Concen: 1.75 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 45 Resp: 19544

Ion	Ratio	Lower	Upper
45	100		
121	17.1	14.8	22.2
77	39.2	10.5	15.7#

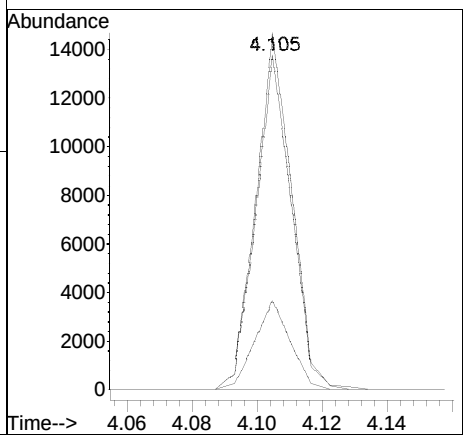


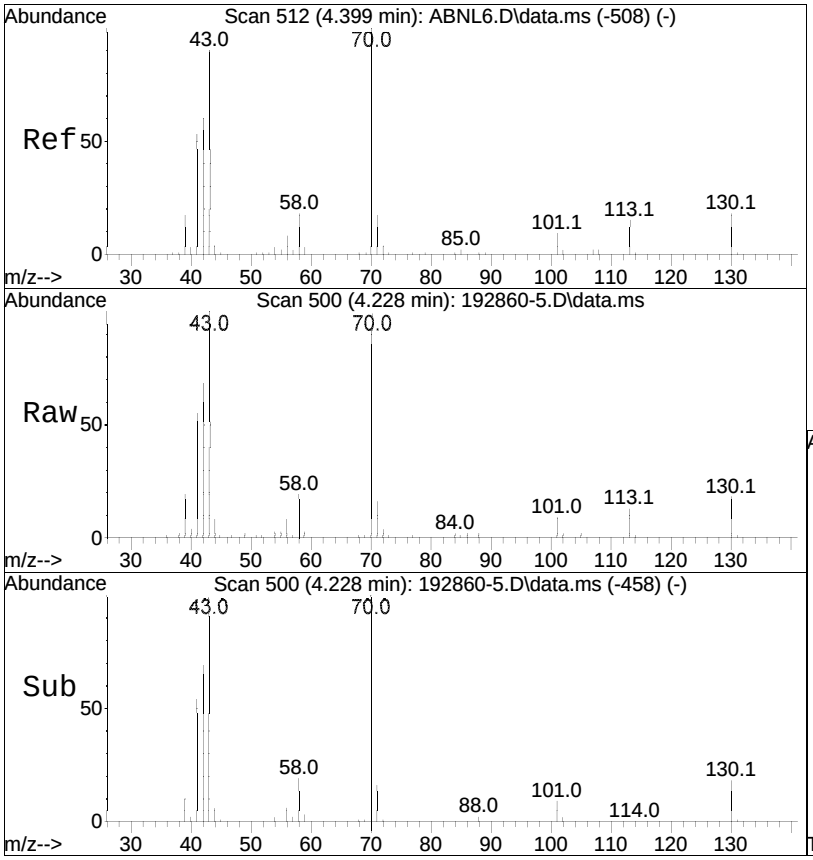


#15
2-Methylphenol
Concen: 1.60 ug/ml
RT: 4.105 min Scan# 479
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:108 Resp: 11066

Ion	Ratio	Lower	Upper
108	100		
107	93.5	71.0	106.4
90	25.1	19.7	29.5

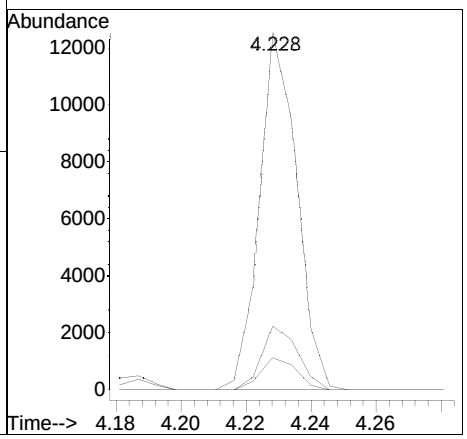


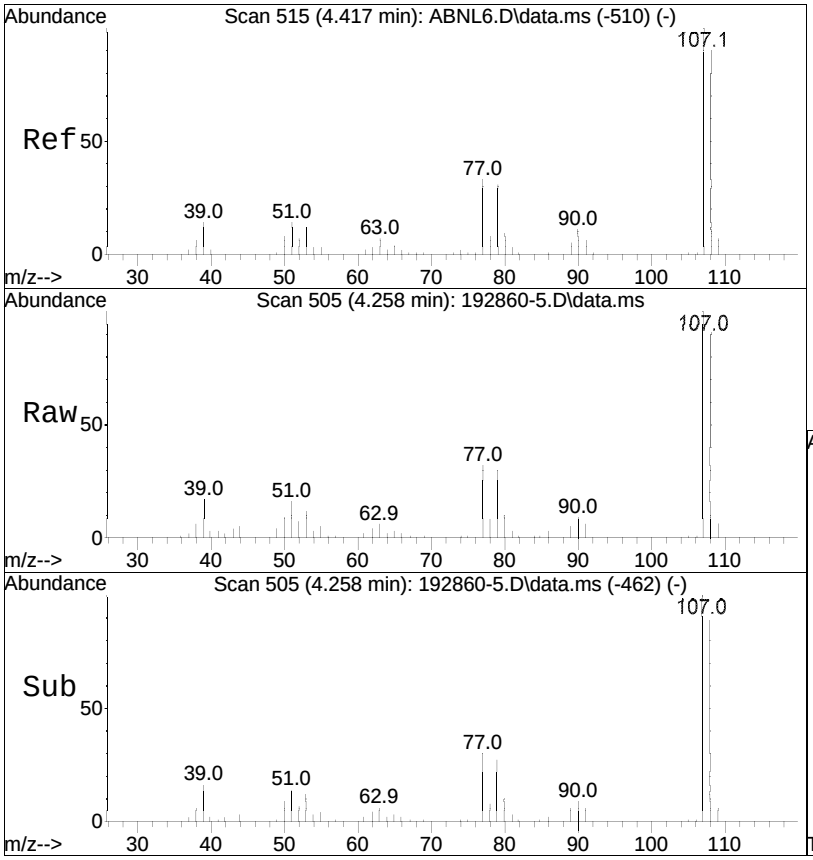


#17
n-Nitrosodi-n-propylamine
Concen: 1.67 ug/ml
RT: 4.228 min Scan# 500
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 70 Resp: 9953

Ion	Ratio	Lower	Upper
70	100		
130	17.4	16.2	24.4
101	8.8	7.6	11.4

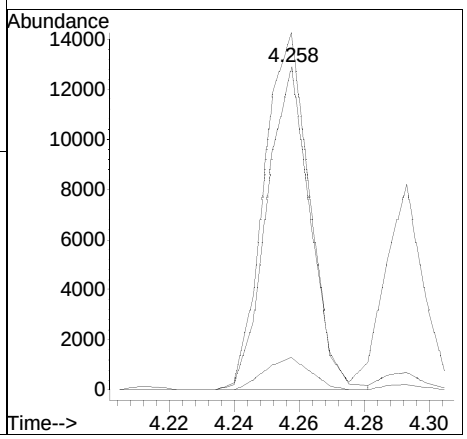


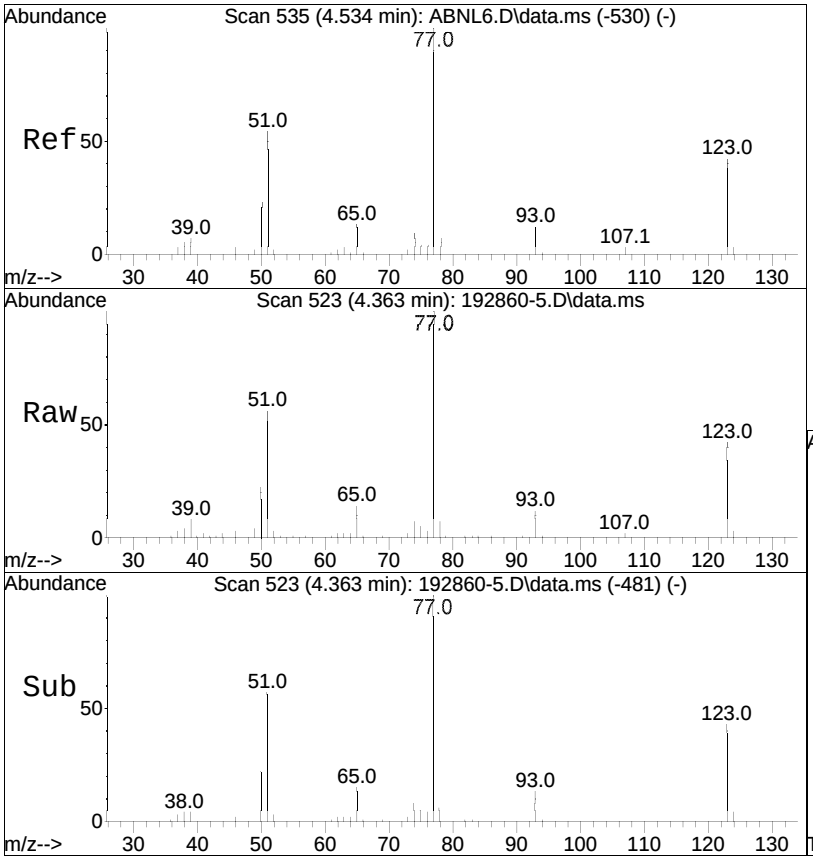


#18
3-Methylphenol/4-Methylphenol
Concen: 1.62 ug/ml
RT: 4.258 min Scan# 505
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:108 Resp: 11996

Ion	Ratio	Lower	Upper
108	100		
107	115.3	88.8	133.2
90	10.6	9.0	13.6

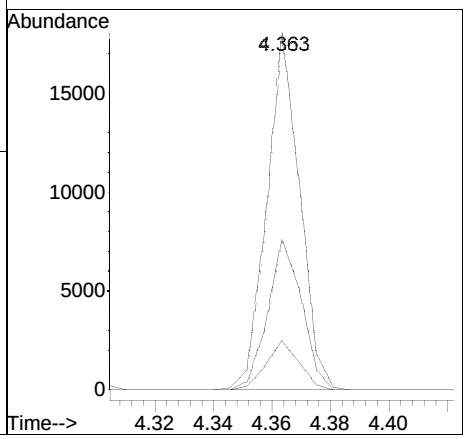


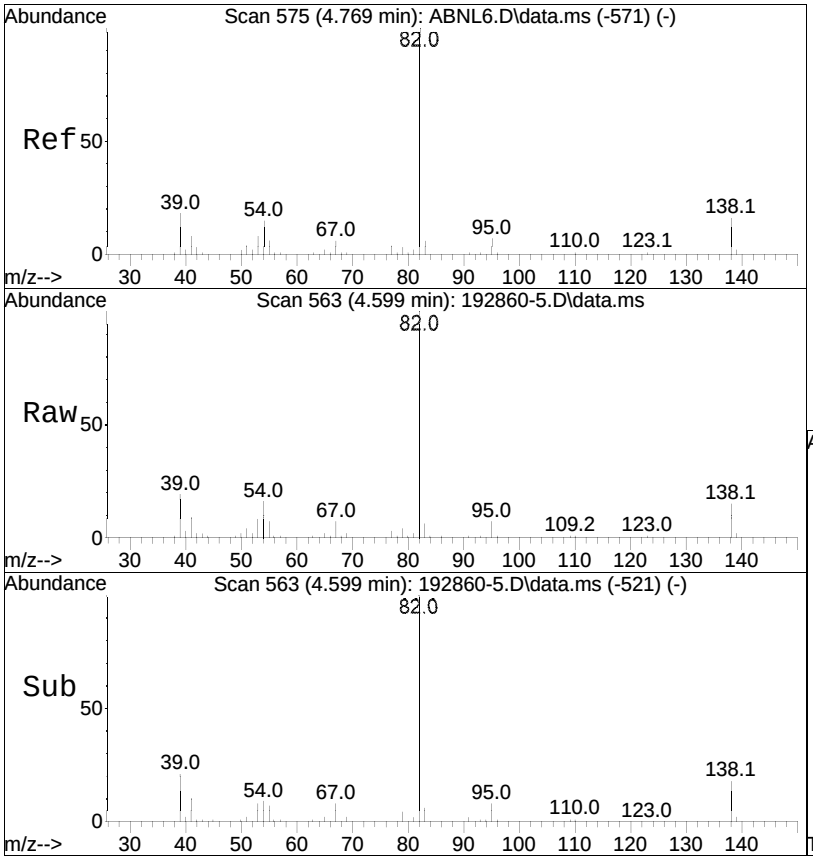


#20
Nitrobenzene
Concen: 1.78 ug/ml
RT: 4.363 min Scan# 523
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 77 Resp: 13898

Ion	Ratio	Lower	Upper
77	100		
123	43.7	37.3	55.9
65	13.9	10.9	16.3

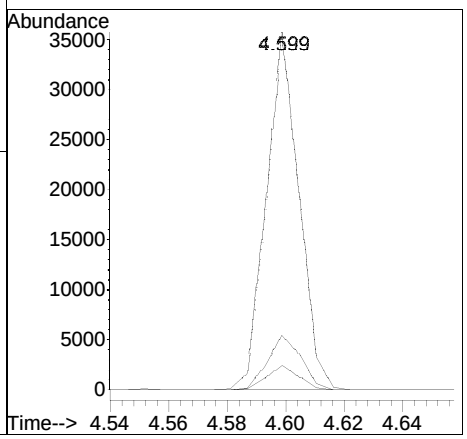


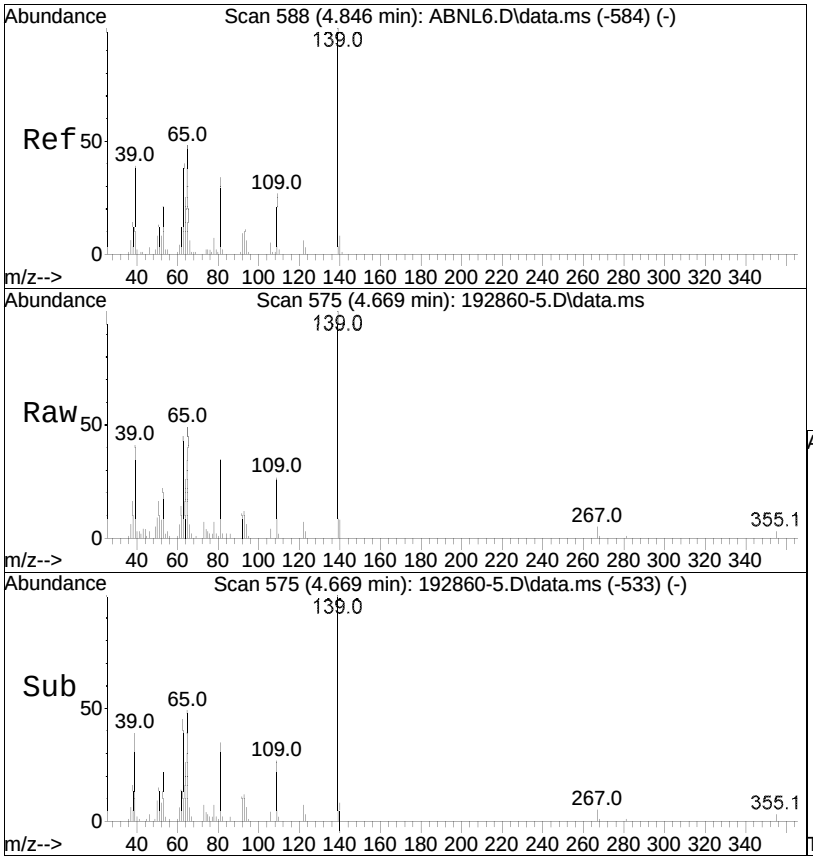


#21
Isophorone
Concen: 1.61 ug/ml
RT: 4.599 min Scan# 563
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 82 Resp: 27340

Ion	Ratio	Lower	Upper
82	100		
138	15.8	13.0	19.4
95	6.9	5.5	8.3

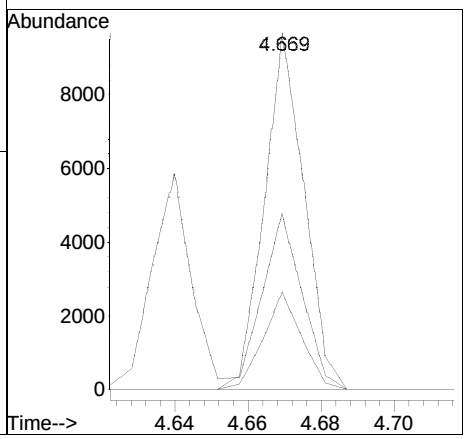


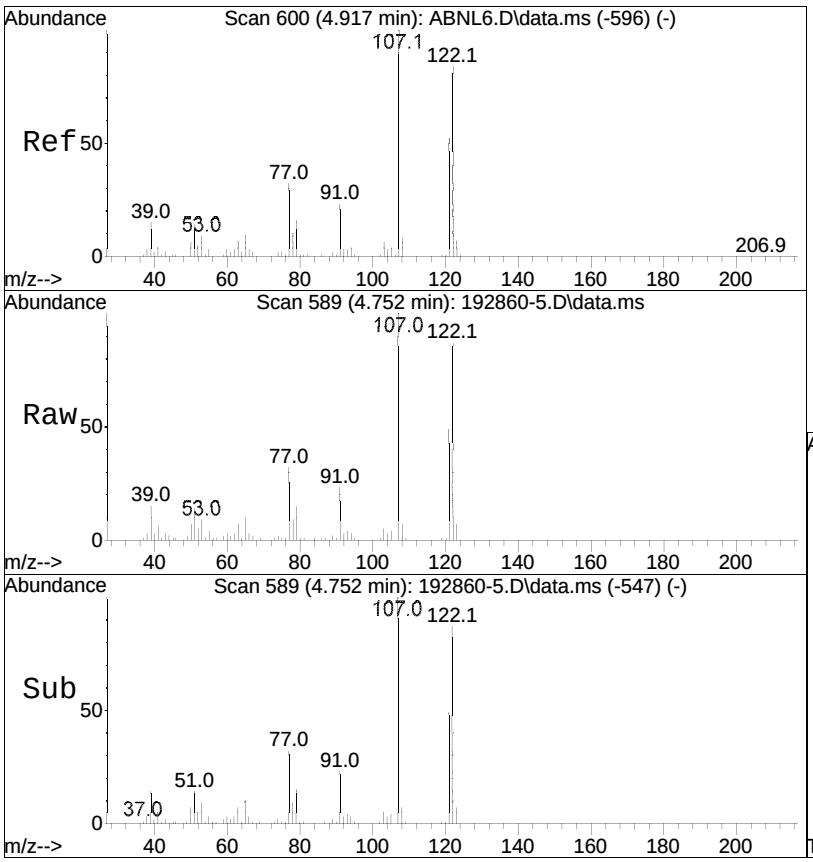


#22
2-Nitrophenol
Concen: 2.13 ug/ml
RT: 4.669 min Scan# 575
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:139 Resp: 7276

Ion	Ratio	Lower	Upper
139	100		
109	26.6	23.1	34.7
65	50.2	41.4	62.2

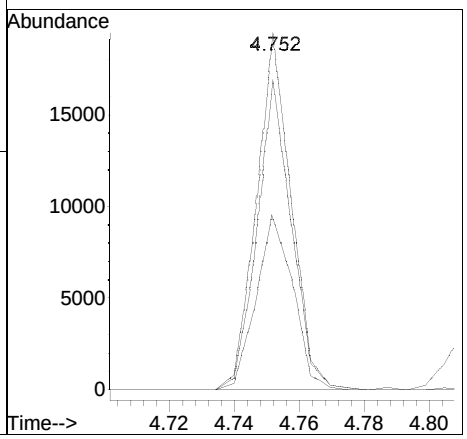


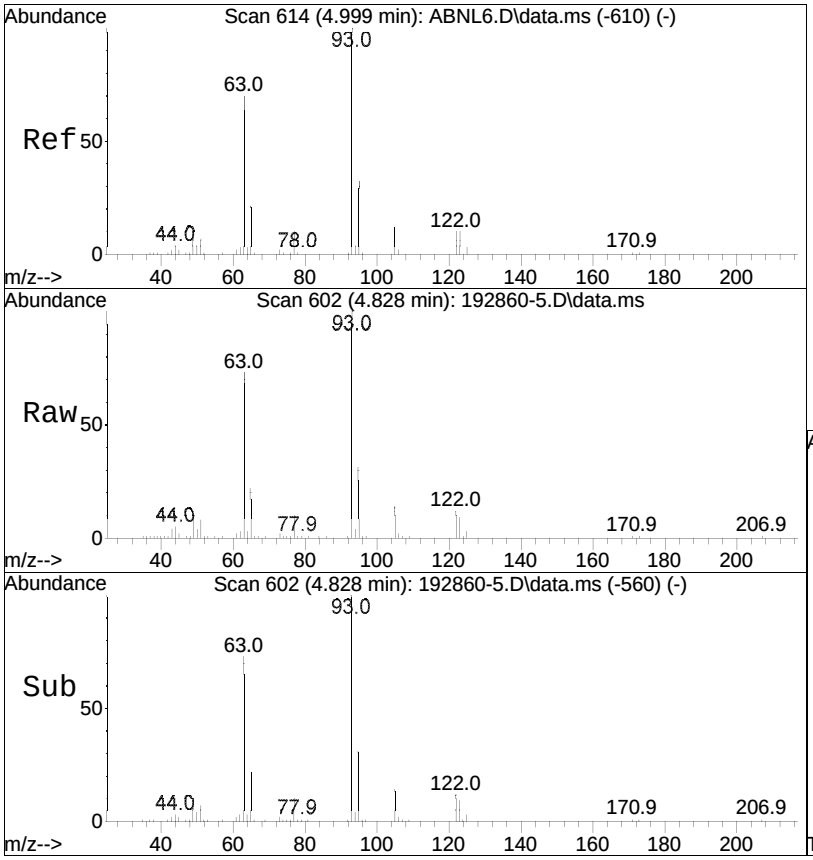


#23
2,4-Dimethylphenol
Concen: 1.75 ug/ml
RT: 4.752 min Scan# 589
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:107 Resp: 14323

Ion	Ratio	Lower	Upper
107	100		
121	52.1	41.3	61.9
122	85.8	69.3	103.9

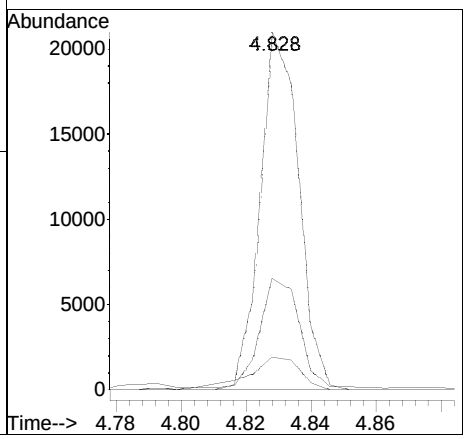


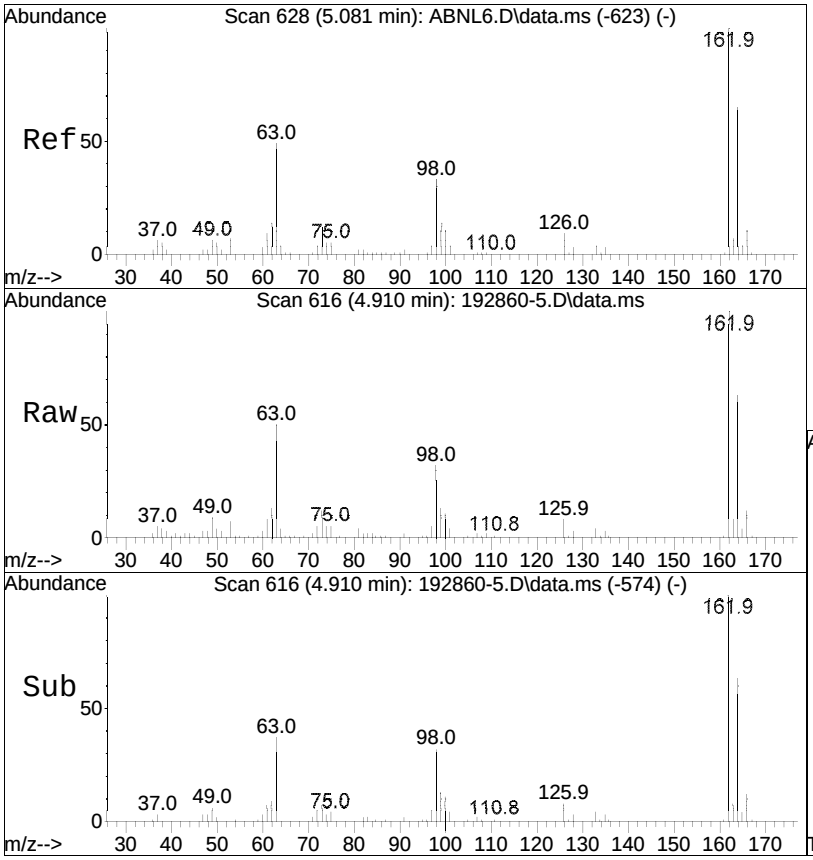


#24
Bis(2-chloroethoxy)methane
Concen: 1.62 ug/ml
RT: 4.828 min Scan# 602
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 93 Resp: 17097

Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.8	38.8
123	12.4	9.6	14.4

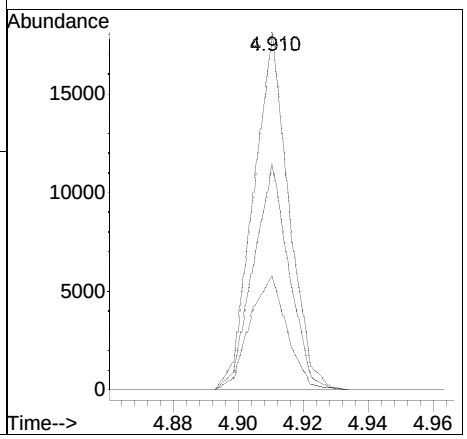


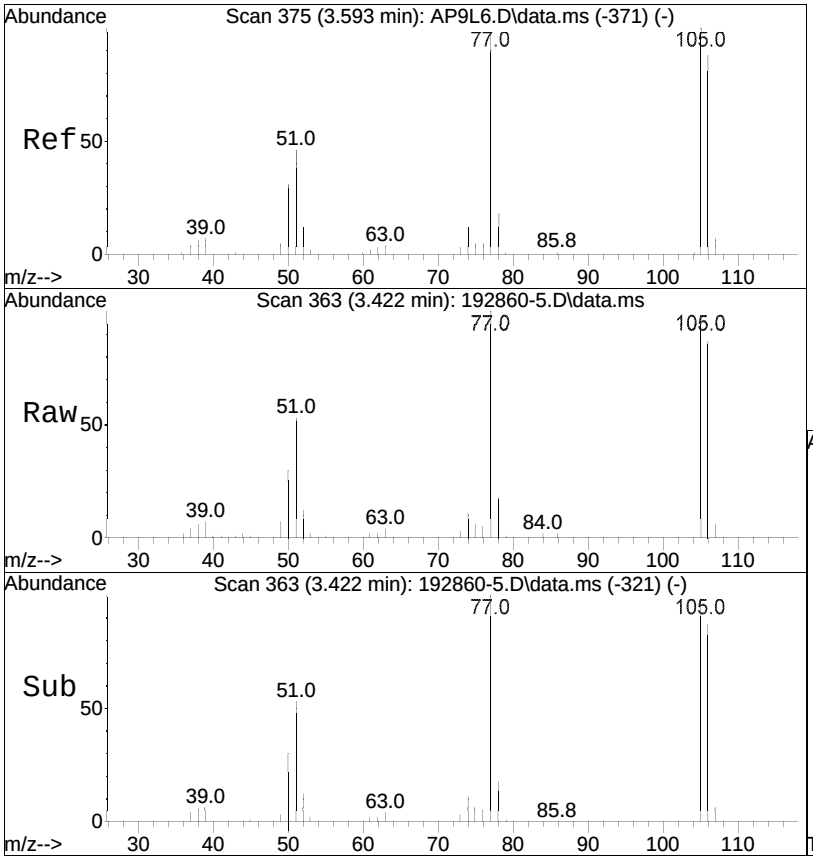


#25
2,4-Dichlorophenol
Concen: 1.75 ug/ml
RT: 4.910 min Scan# 616
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:162 Resp: 13565

Ion	Ratio	Lower	Upper
162	100		
164	64.1	51.1	76.7
98	33.9	32.2	48.2

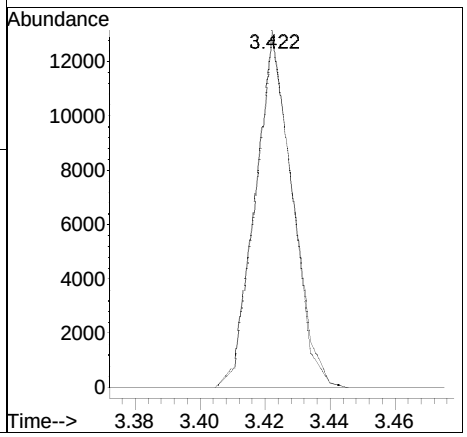


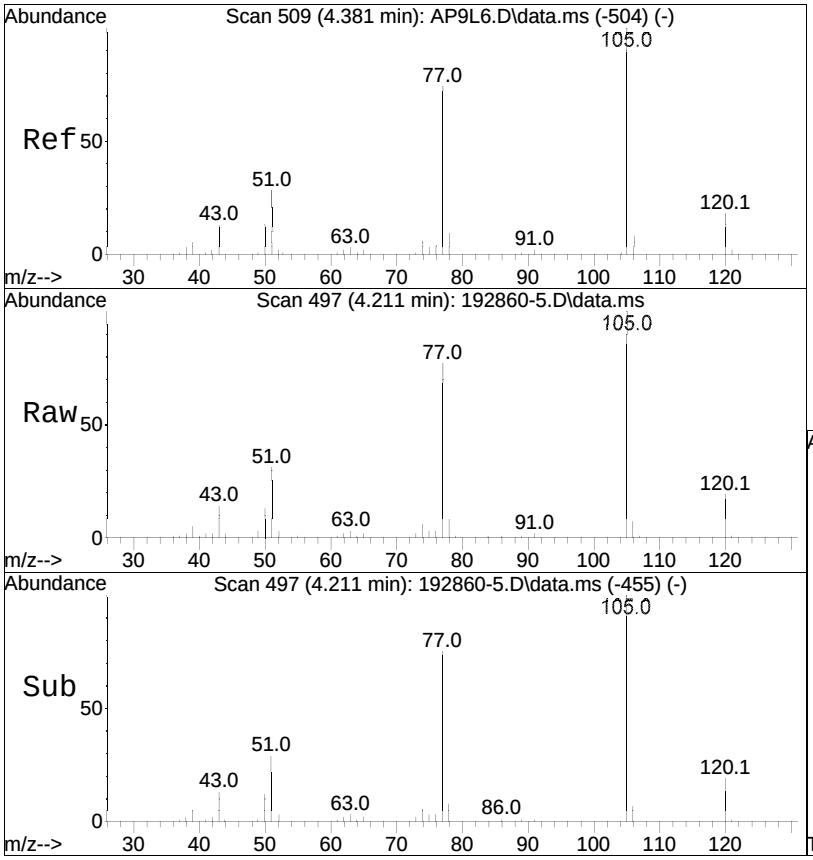


#28
Benzaldehyde
Concen: 1.55 ug/ml
RT: 3.422 min Scan# 363
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:105 Resp: 10249

Ion	Ratio	Lower	Upper
105	100		
77	100.2	77.0	115.6

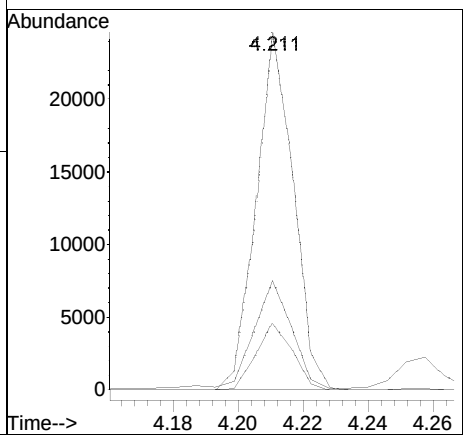


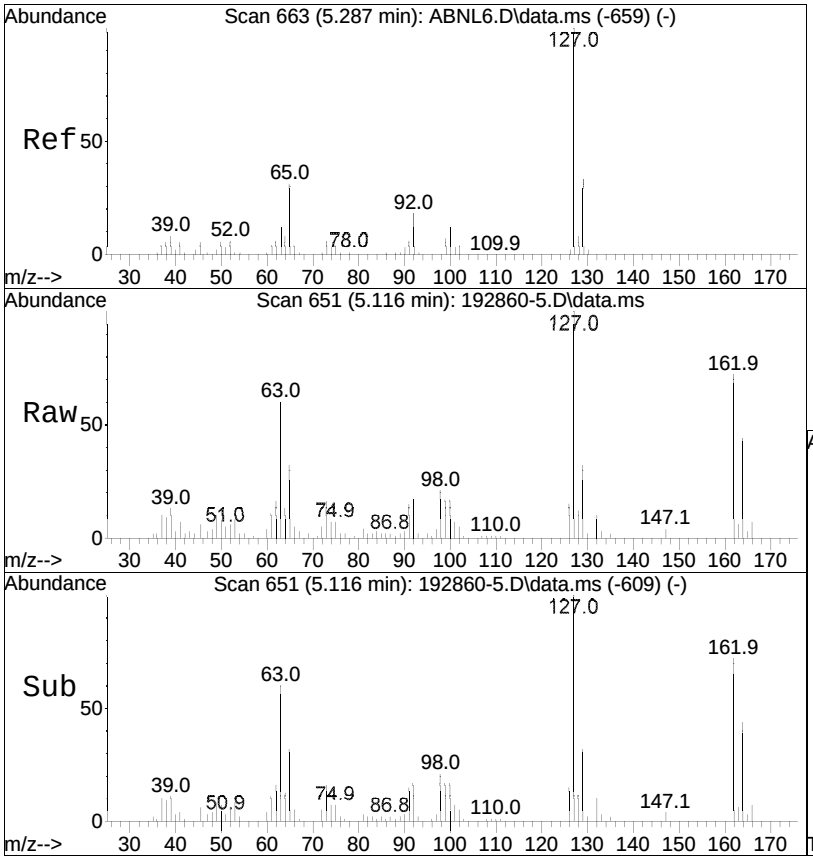


#29
Acetophenone
Concen: 1.67 ug/ml
RT: 4.211 min Scan# 497
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:105 Resp: 19290

Ion	Ratio	Lower	Upper
105	100		
120	18.5	15.2	22.8
51	29.6	23.1	34.7

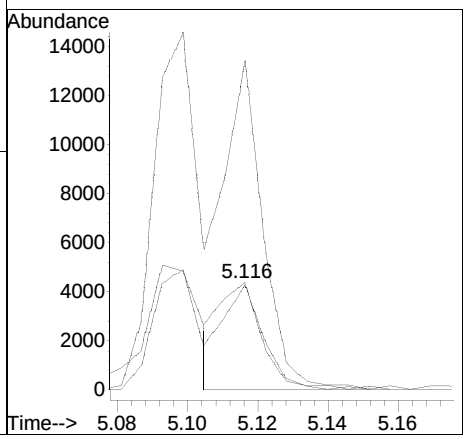


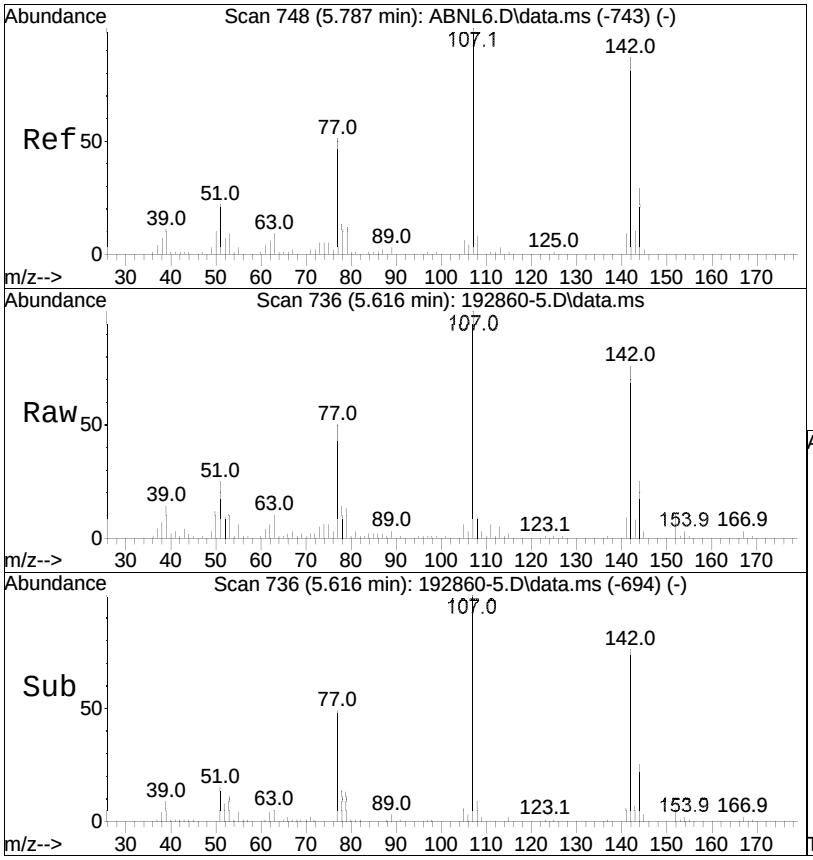


#38
4-Chloroaniline
Concen: 1.16 ug/ml M3
RT: 5.116 min Scan# 651
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 65 Resp: 3681

Ion	Ratio	Lower	Upper
65	100		
127	344.3	266.2	399.4
129	115.5	85.0	127.4

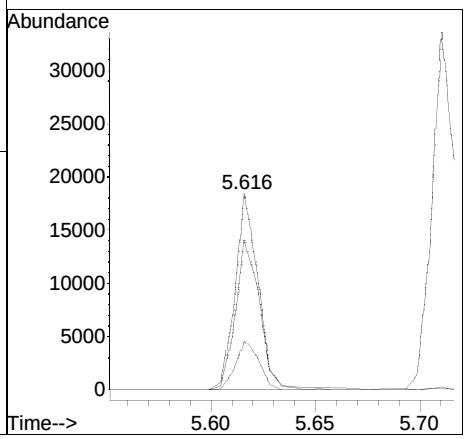


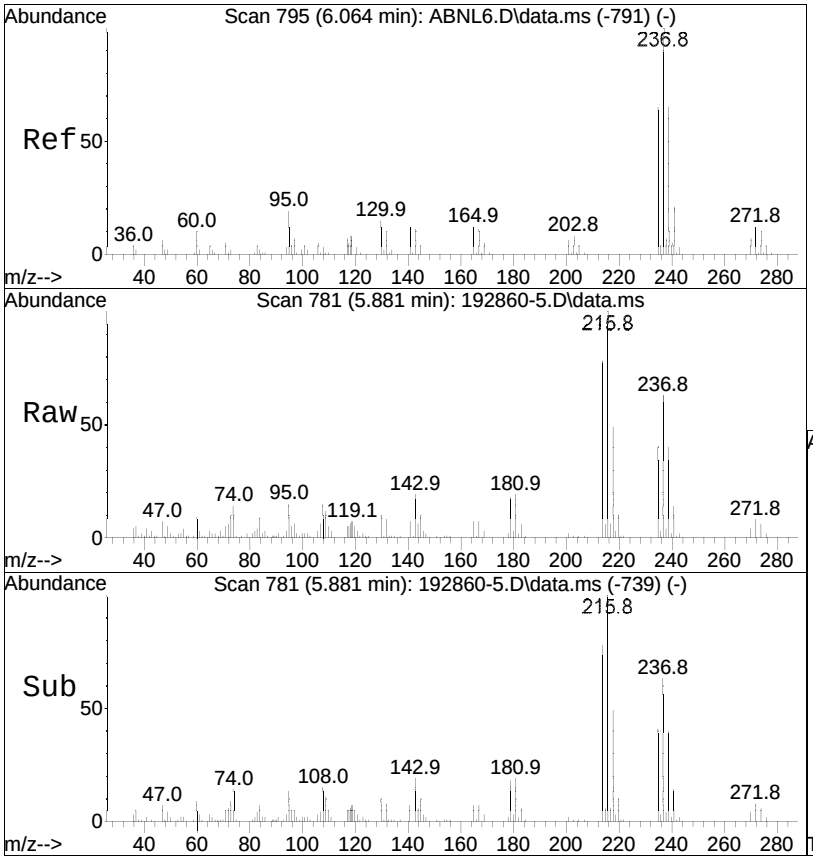


#40
p-Chloro-m-cresol
Concen: 2.01 ug/ml
RT: 5.616 min Scan# 736
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:107 Resp: 14387

Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.3	30.5
142	78.3	63.8	95.6

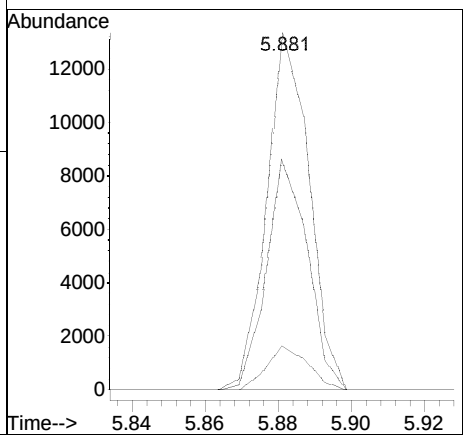


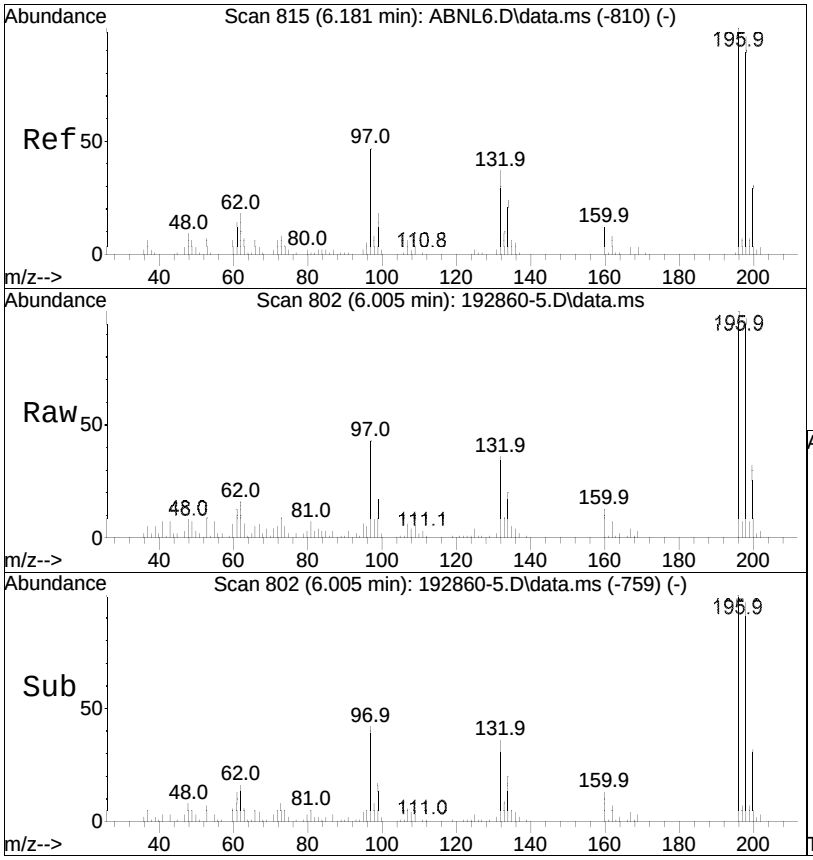


#43
Hexachlorocyclopentadiene
Concen: 1.57 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:237 Resp: 10692

Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.9	76.3
272	12.1	10.1	15.1

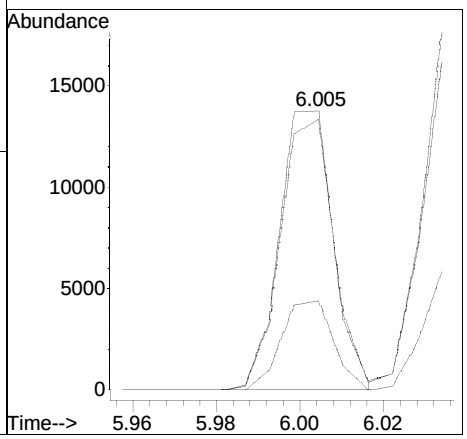


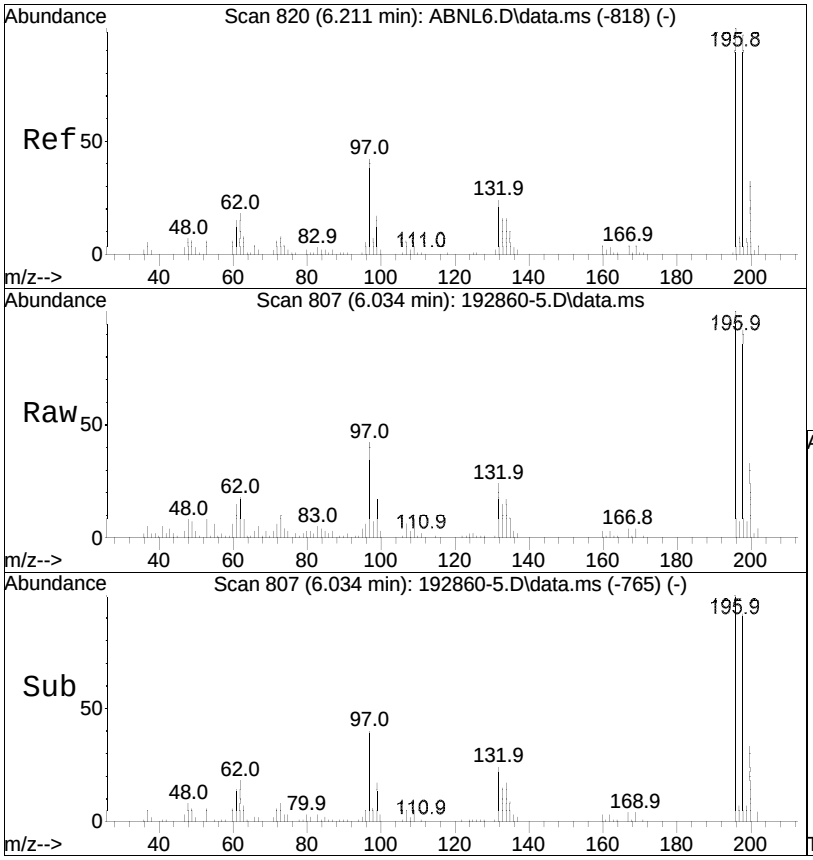


#44
2,4,6-Trichlorophenol
Concen: 1.91 ug/ml
RT: 6.005 min Scan# 802
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:196 Resp: 12366

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.4	114.6
200	30.7	24.4	36.6

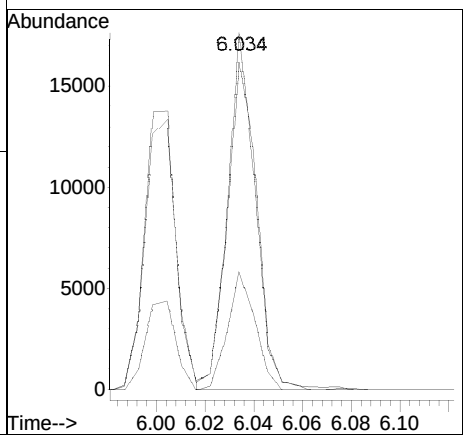


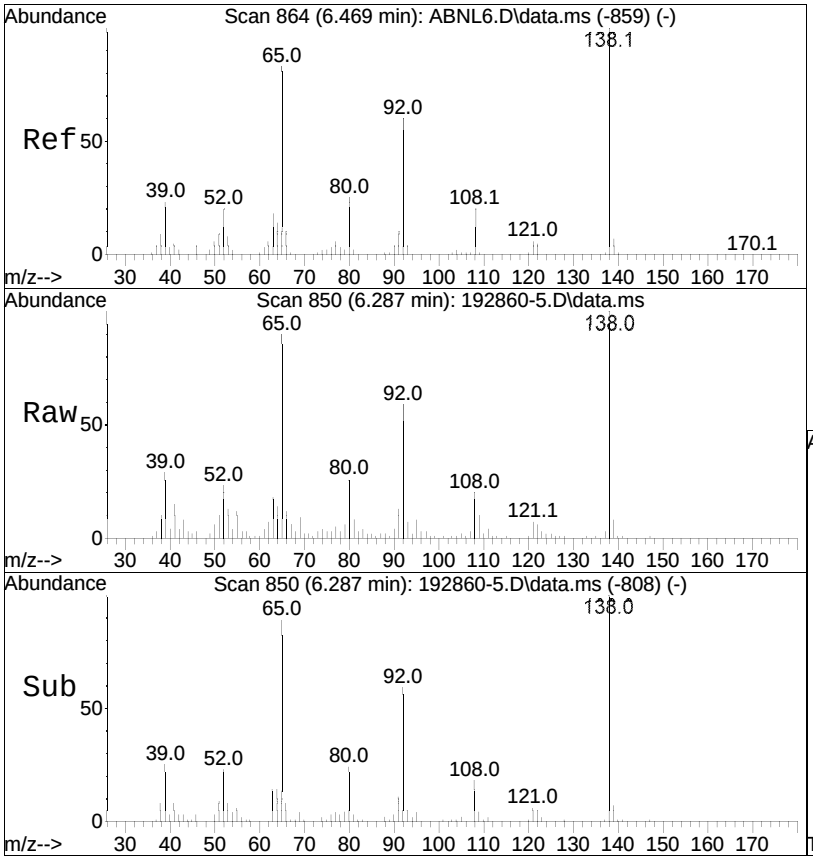


#45
2,4,5-Trichlorophenol
Concen: 2.01 ug/ml
RT: 6.034 min Scan# 807
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:196 Resp: 13943

Ion	Ratio	Lower	Upper
196	100		
200	32.7	24.2	36.4
198	97.6	76.2	114.2

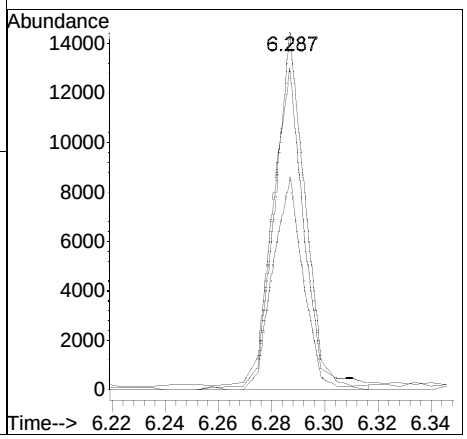


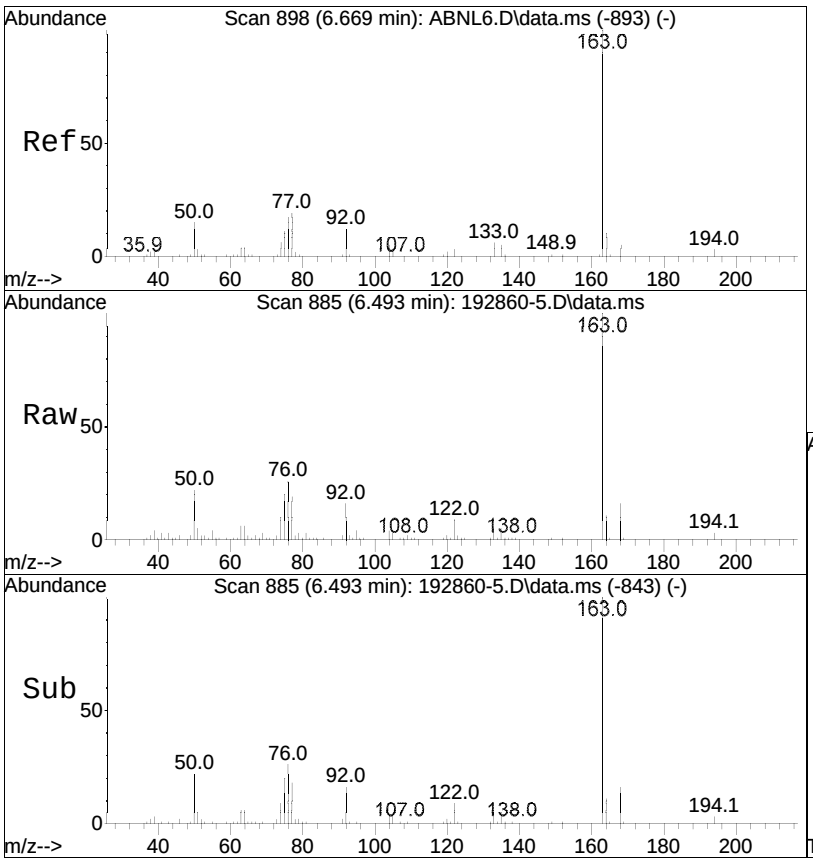


#48
2-Nitroaniline
Concen: 2.49 ug/ml
RT: 6.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:138 Resp: 11312

Ion	Ratio	Lower	Upper
138	100		
92	60.6	52.1	78.1
65	91.5	75.9	113.9

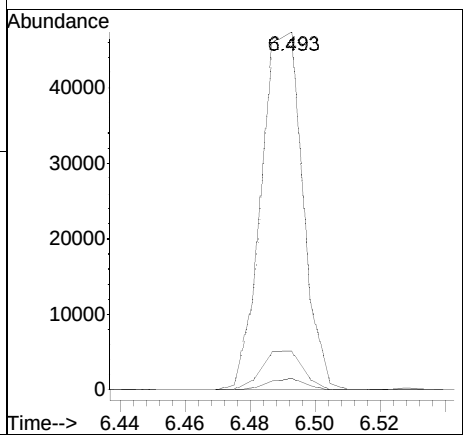


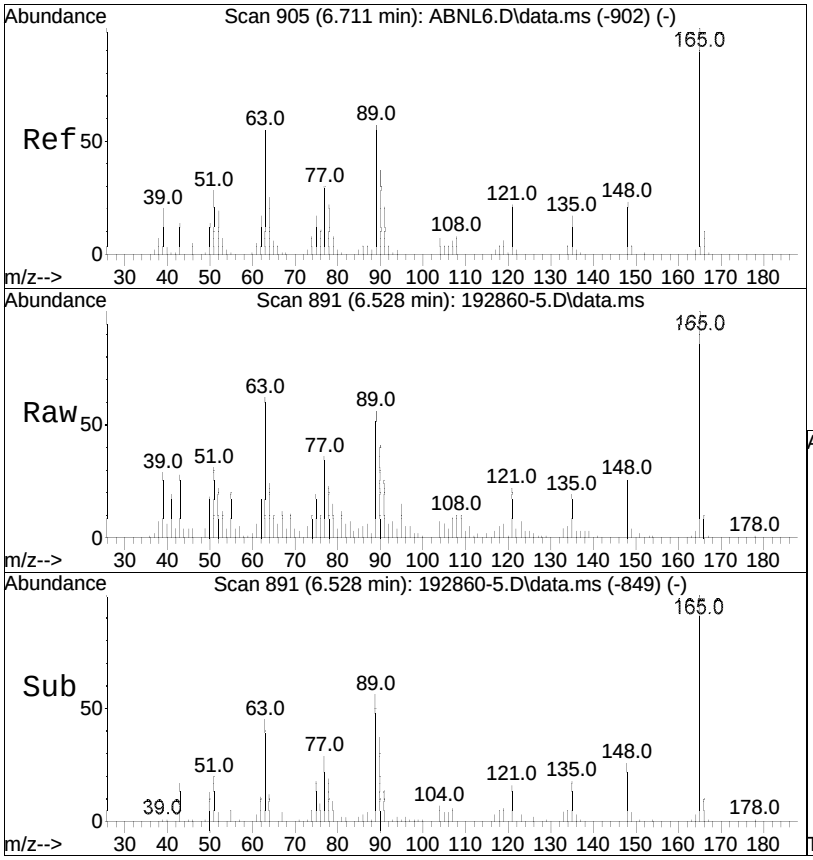


#51
Dimethyl phthalate
Concen: 1.72 ug/ml
RT: 6.493 min Scan# 885
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:163 Resp: 41767

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	11.0	8.2	12.2

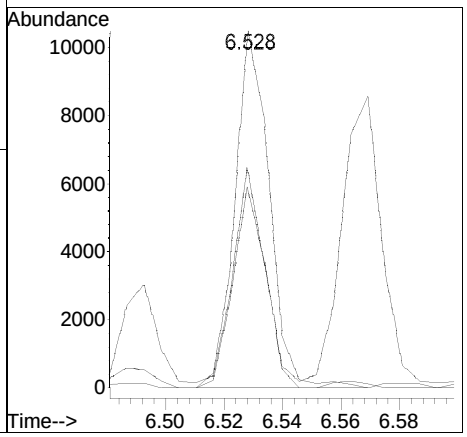


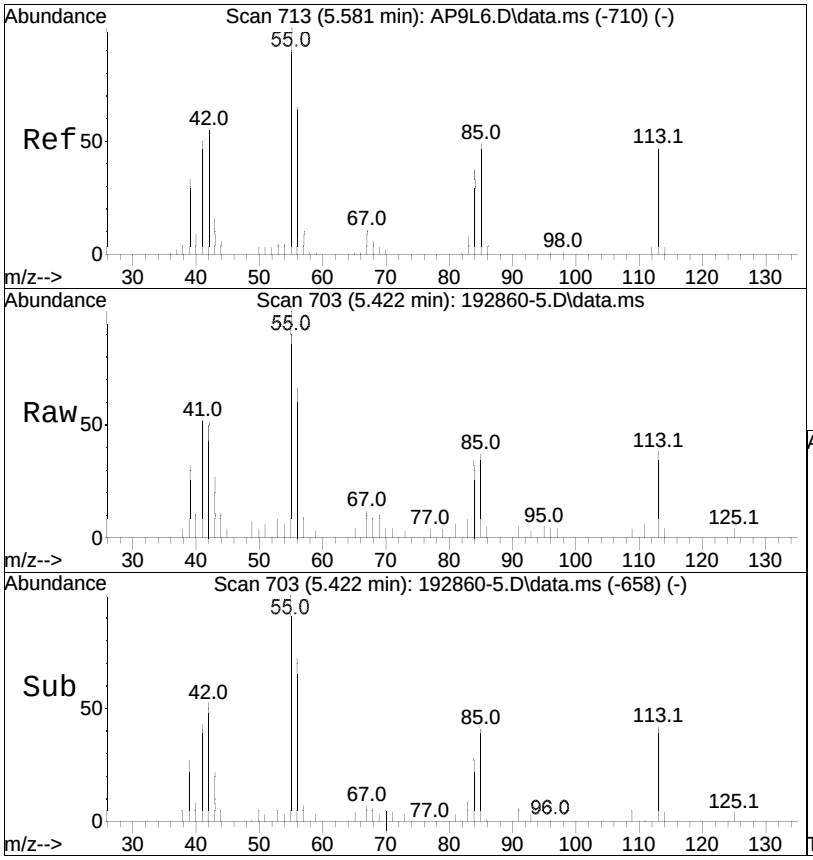


#53
2,6-Dinitrotoluene
Concen: 2.08 ug/ml
RT: 6.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:165 Resp: 8621

Ion	Ratio	Lower	Upper
165	100		
89	53.3	48.8	73.2
63	54.2	50.5	75.7

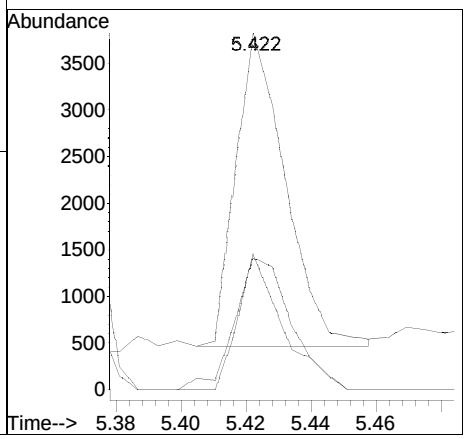


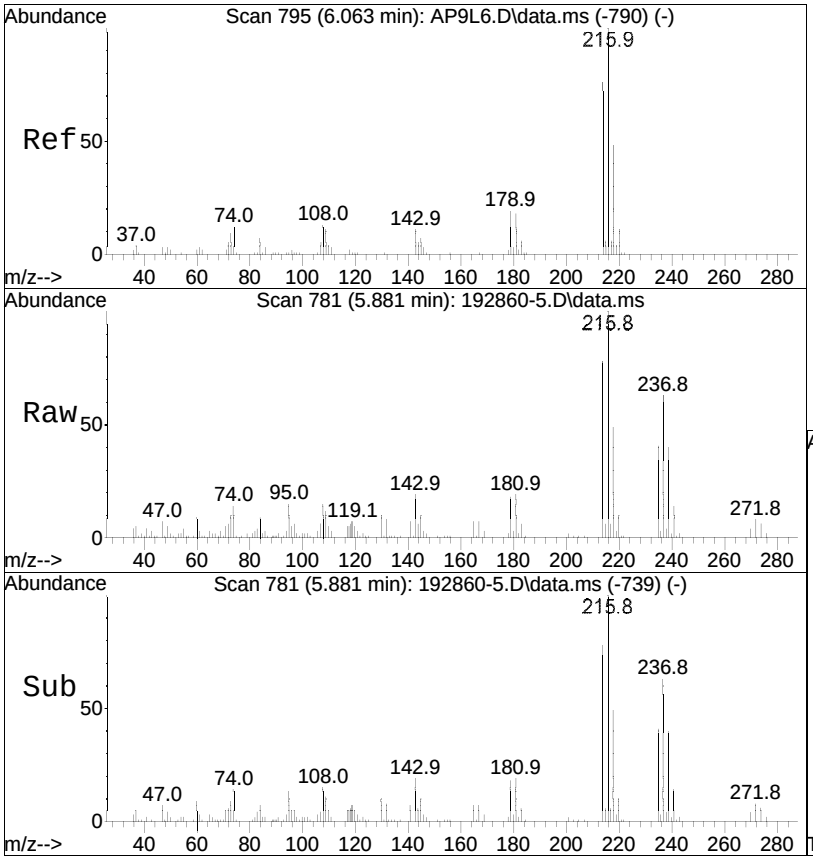


#60
Caprolactam
Concen: 0.92 ug/ml
RT: 5.422 min Scan# 703
Delta R.T. 0.018 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 55 Resp: 3545

Ion	Ratio	Lower	Upper
55	100		
85	48.0	35.2	52.8
113	39.0	36.6	55.0

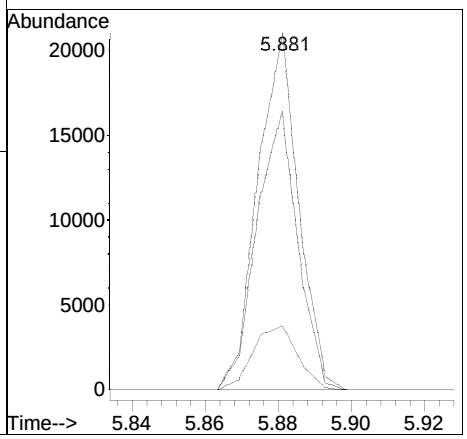


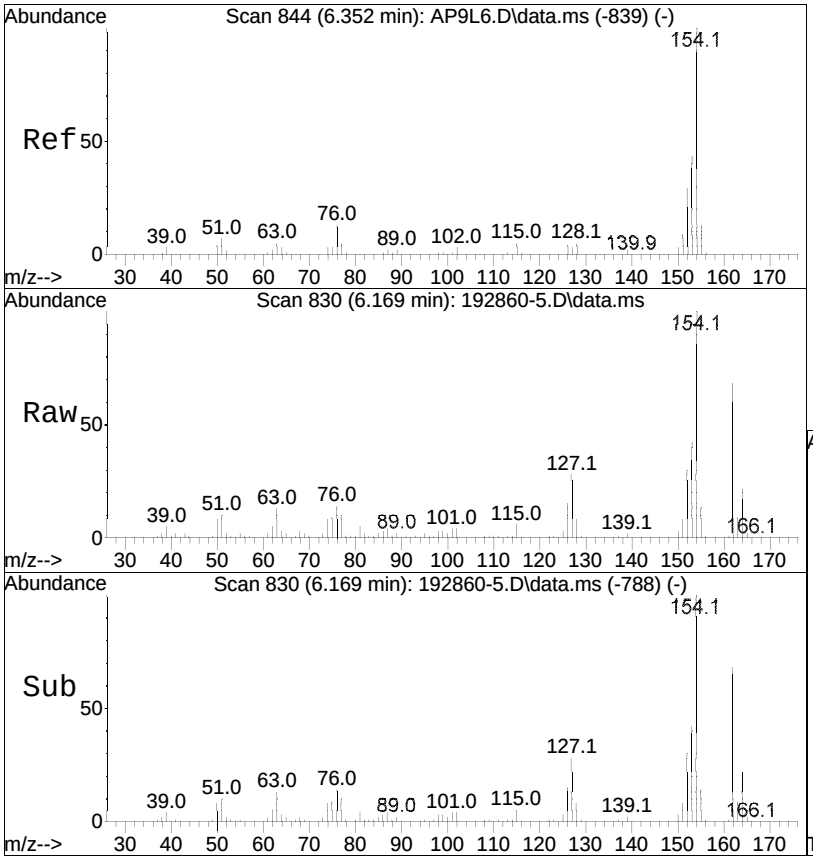


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.54 ug/ml
RT: 5.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:216 Resp: 16234

Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.0	96.0
179	19.8	18.7	28.1

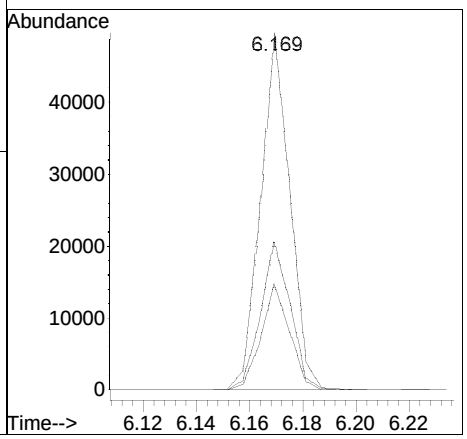


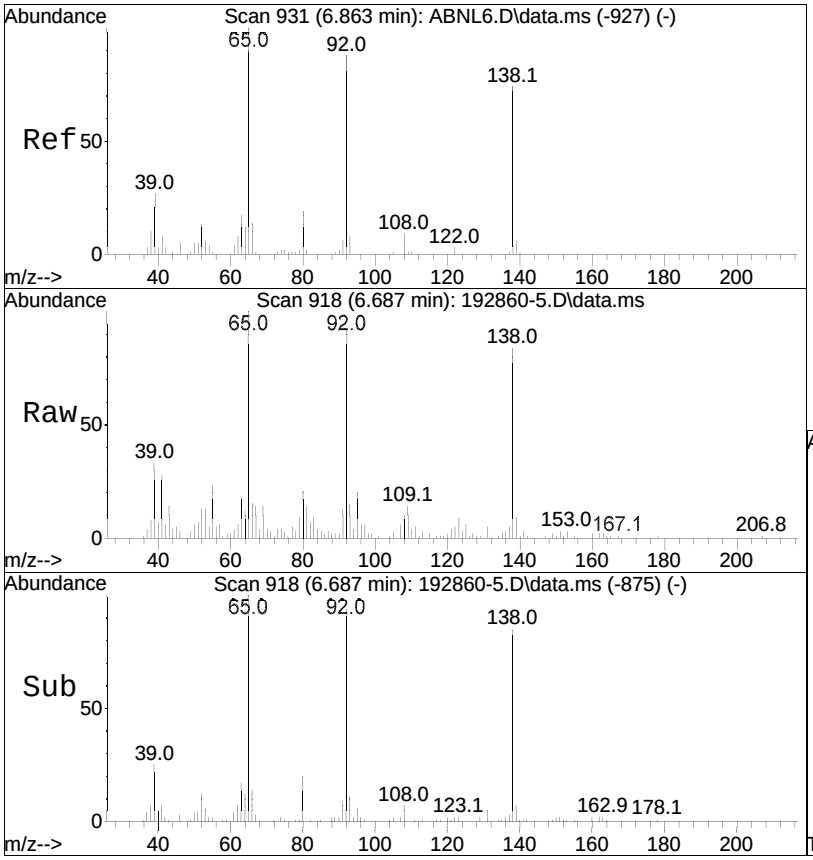


#62
Biphenyl
Concen: 1.66 ug/ml
RT: 6.169 min Scan# 830
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:154 Resp: 37562

Ion	Ratio	Lower	Upper
154	100		
153	42.5	32.5	48.7
152	29.0	22.6	34.0

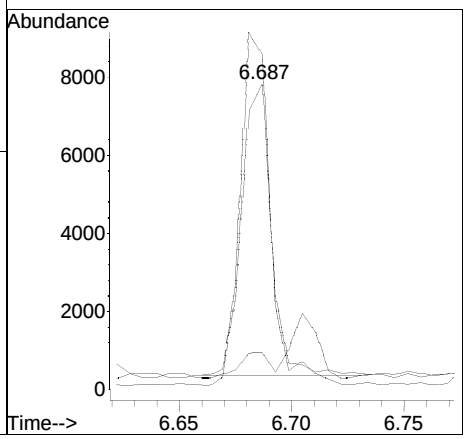


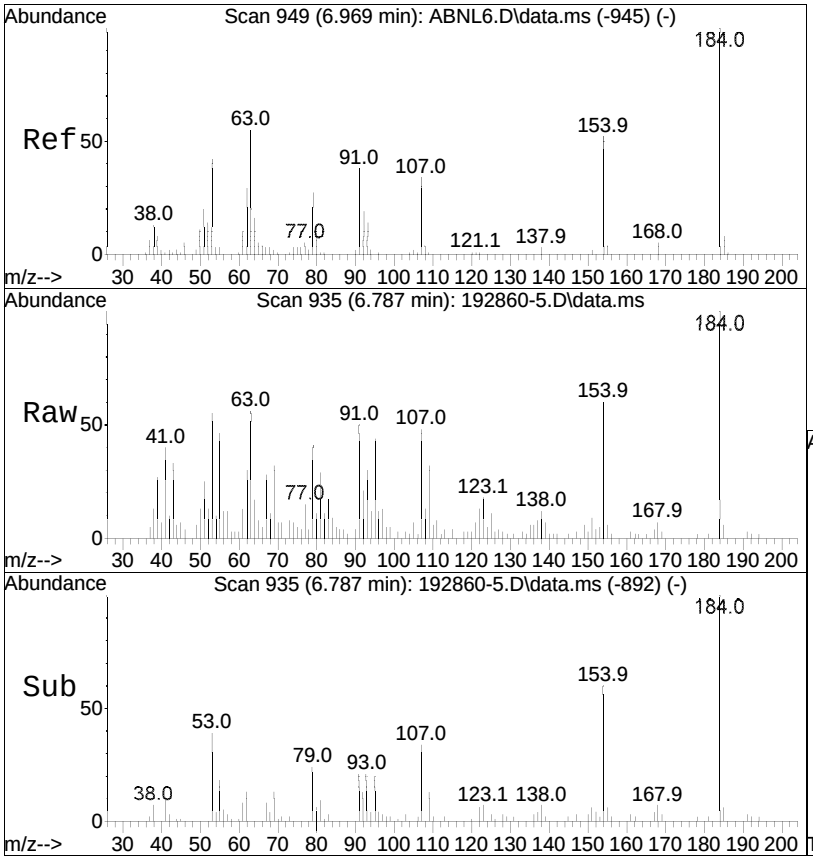


#64
3-Nitroaniline
Concen: 1.52 ug/ml
RT: 6.687 min Scan# 918
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:138 Resp: 6823

Ion	Ratio	Lower	Upper
138	100		
92	123.9	92.8	139.2
108	0.0	7.9	11.9#

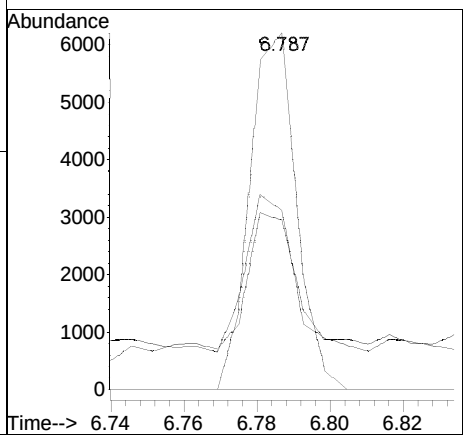


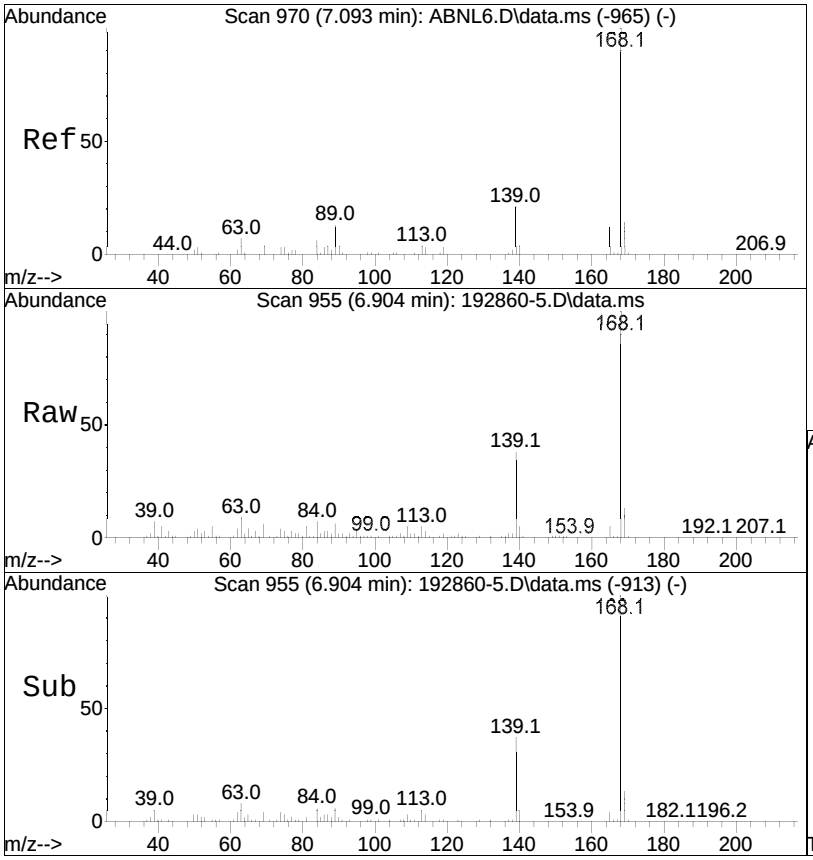


#66
2,4-Dinitrophenol
Concen: 2.56 ug/ml
RT: 6.787 min Scan# 935
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:184 Resp: 5480

Ion	Ratio	Lower	Upper
184	100		
107	39.7	41.8	62.6#
91	44.8	44.2	66.2

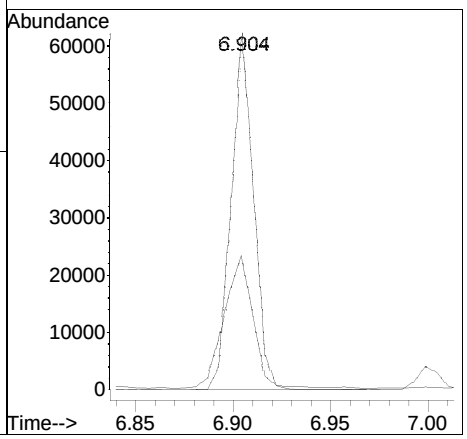


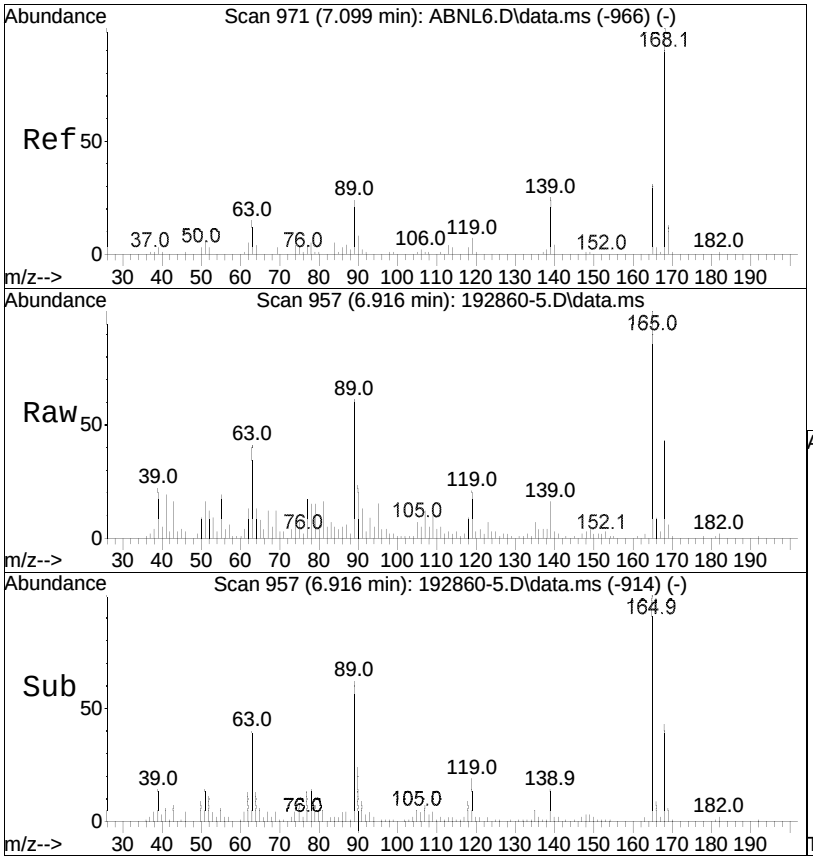


#67
Dibenzofuran
Concen: 1.67 ug/ml
RT: 6.904 min Scan# 955
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:168 Resp: 49123

Ion	Ratio	Lower	Upper
168	100		
139	48.0	32.3	48.5

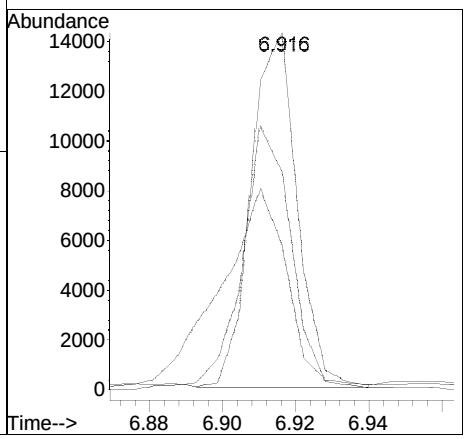


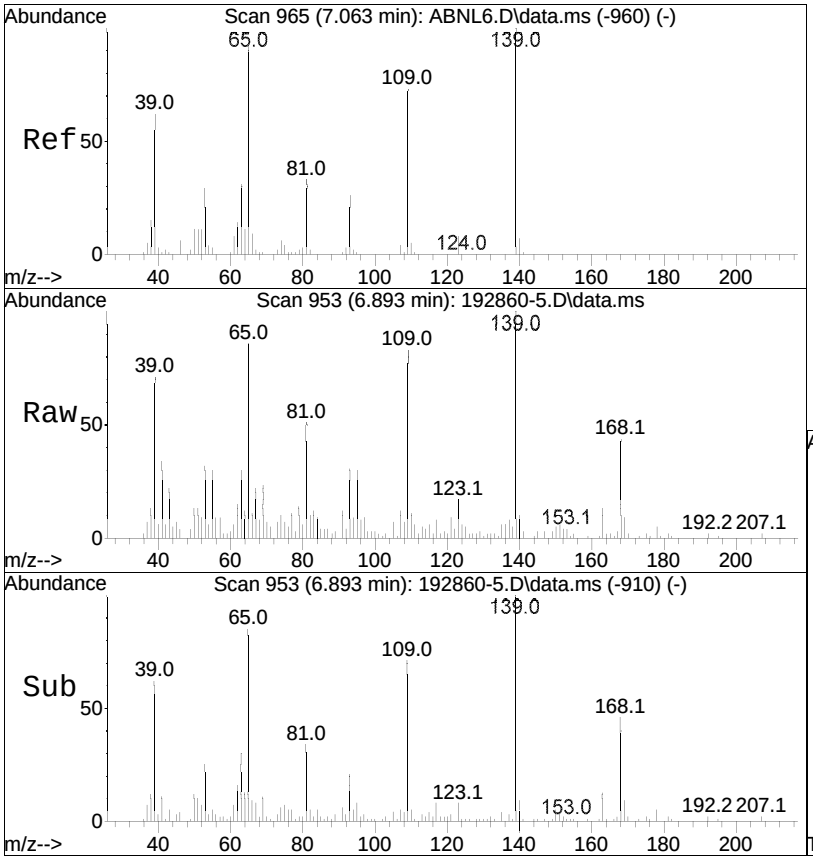


#68
2,4-Dinitrotoluene
Concen: 2.19 ug/ml
RT: 6.916 min Scan# 957
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:165 Resp: 12331

Ion	Ratio	Lower	Upper
165	100		
89	81.6	73.0	109.4
63	80.2	56.3	84.5

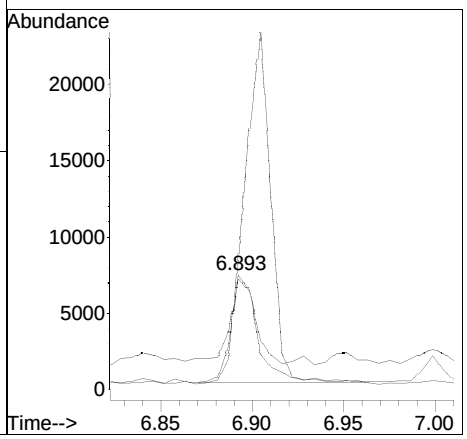


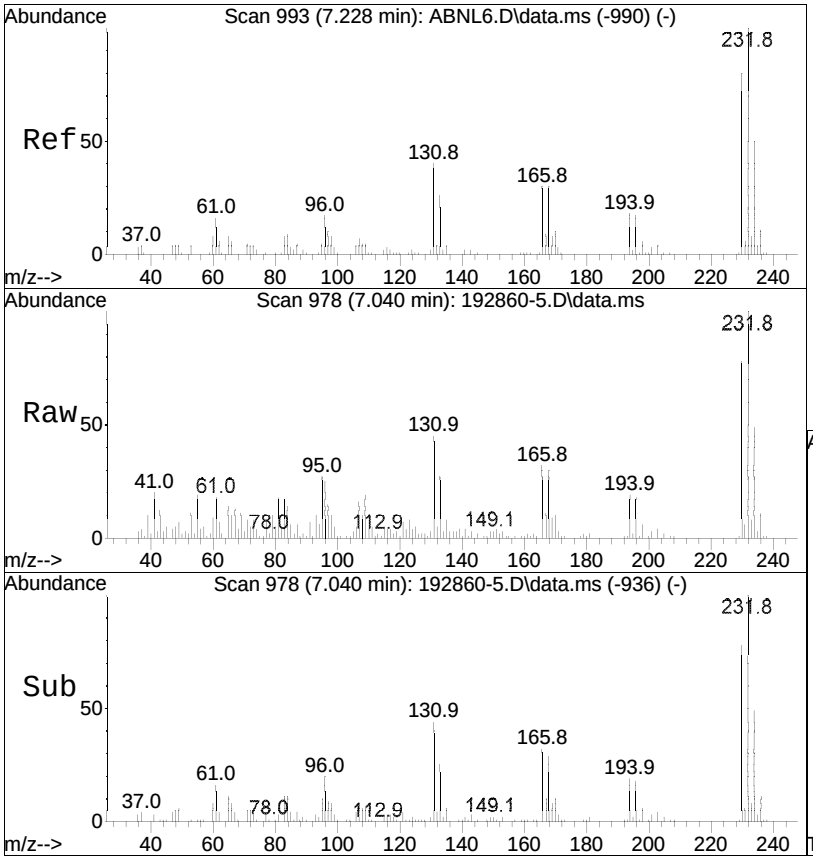


#69
4-Nitrophenol
Concen: 2.19 ug/ml
RT: 6.893 min Scan# 953
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion: 65 Resp: 7421

Ion	Ratio	Lower	Upper
65	100		
109	64.3	60.2	90.2
139	317.8	81.1	121.7#

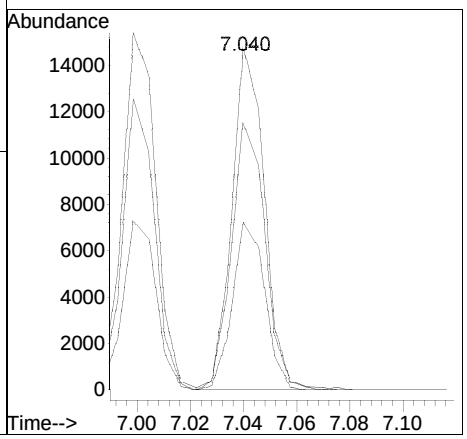


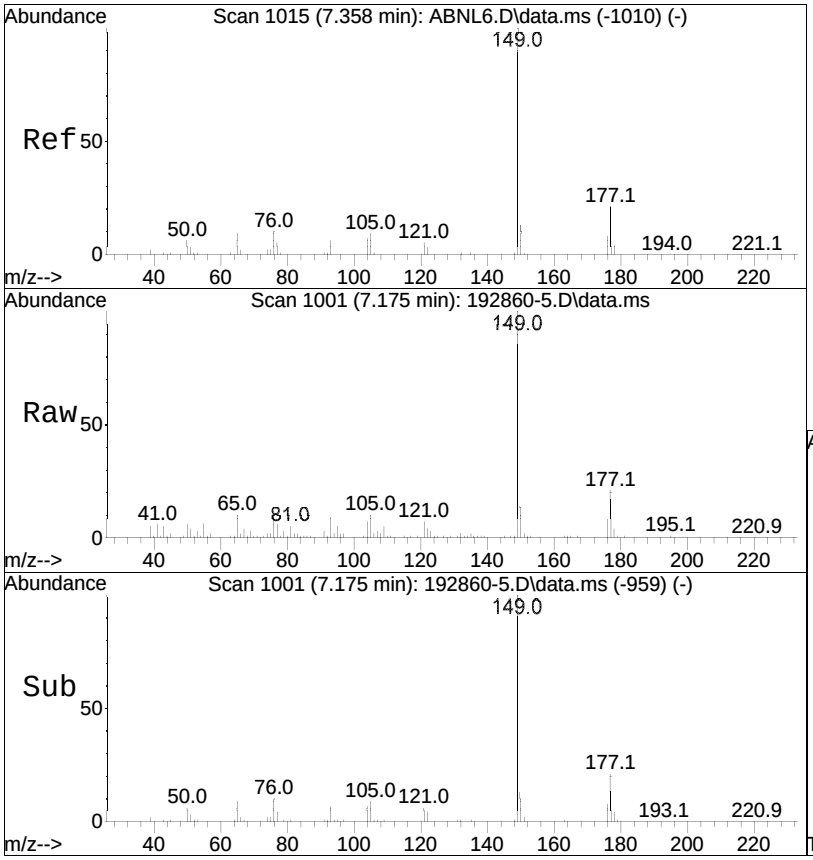


#71
2,3,4,6-Tetrachlorophenol
Concen: 2.05 ug/ml
RT: 7.040 min Scan# 978
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:232 Resp: 12554

Ion	Ratio	Lower	Upper
232	100		
230	81.3	63.8	95.8
234	49.1	39.0	58.6

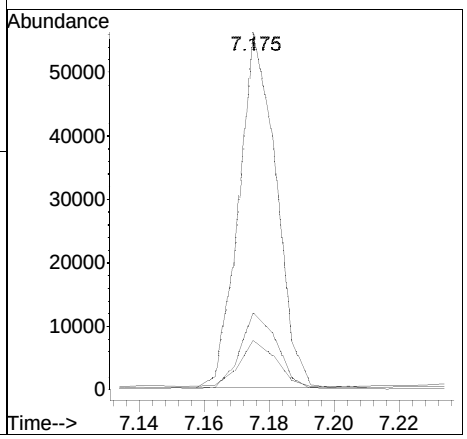


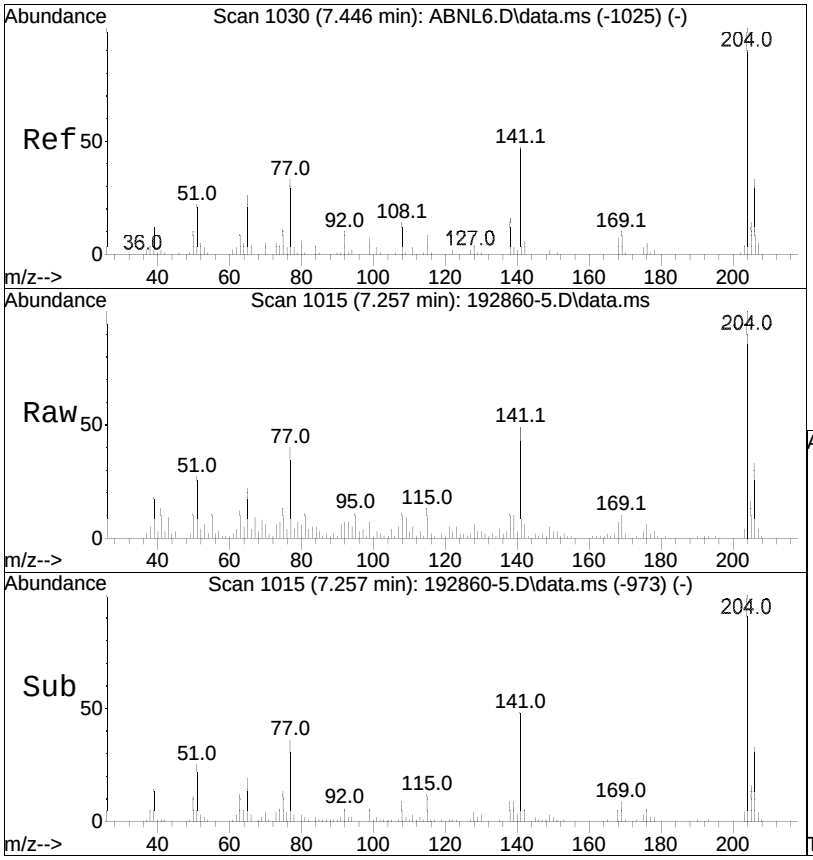


#72
Diethyl phthalate
Concen: 1.78 ug/ml
RT: 7.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:149 Resp: 44006

Ion	Ratio	Lower	Upper
149	100		
177	21.6	15.0	22.6
150	12.3	9.8	14.6

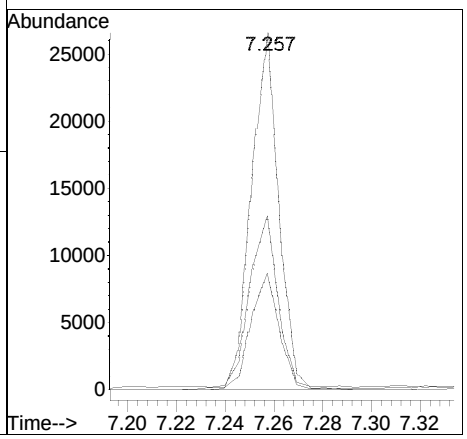


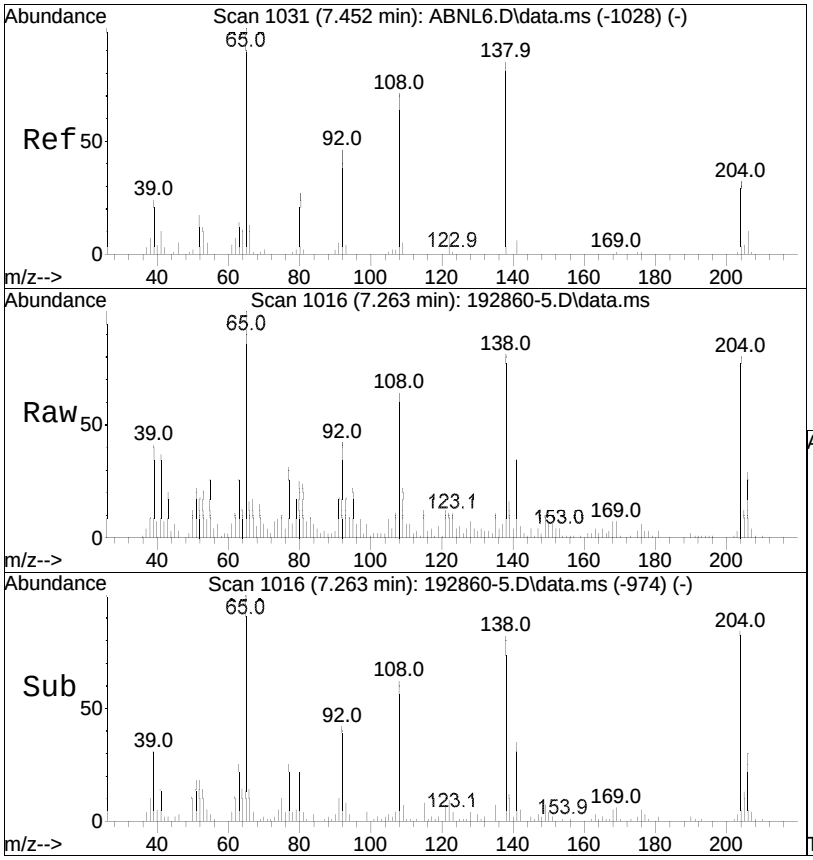


#74
4-Chlorophenyl phenyl ether
Concen: 1.68 ug/ml
RT: 7.257 min Scan# 1015
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:204 Resp: 20605

Ion	Ratio	Lower	Upper
204	100		
206	35.1	26.3	39.5
141	48.5	58.4	87.6#

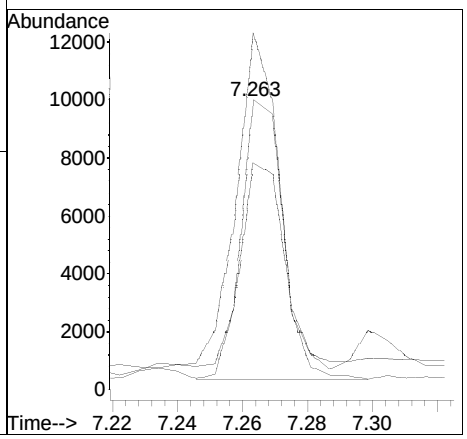


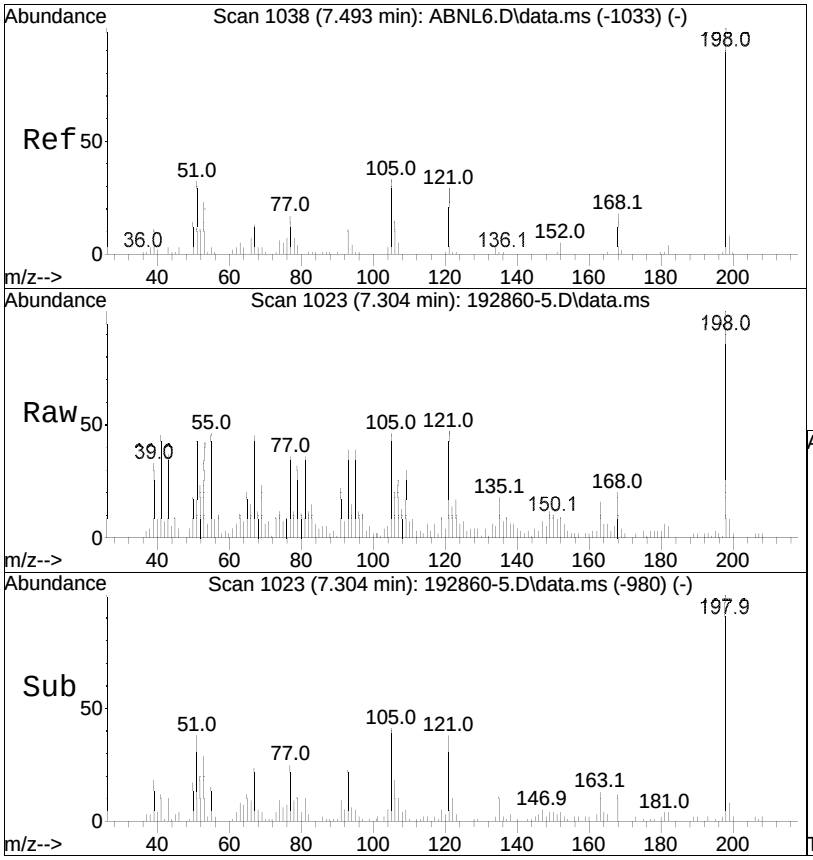


#75
4-Nitroaniline
Concen: 1.92 ug/ml
RT: 7.263 min Scan# 1016
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:138 Resp: 8665

Ion	Ratio	Lower	Upper
138	100		
108	75.4	59.2	88.8
65	121.3	97.6	146.4

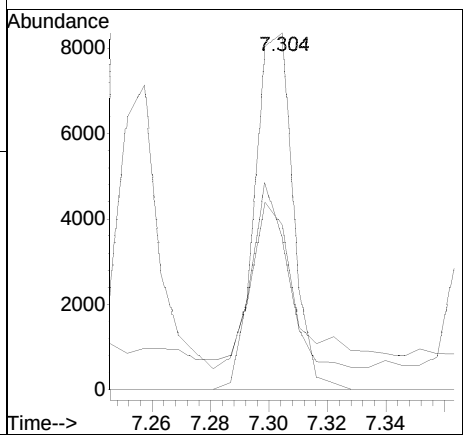


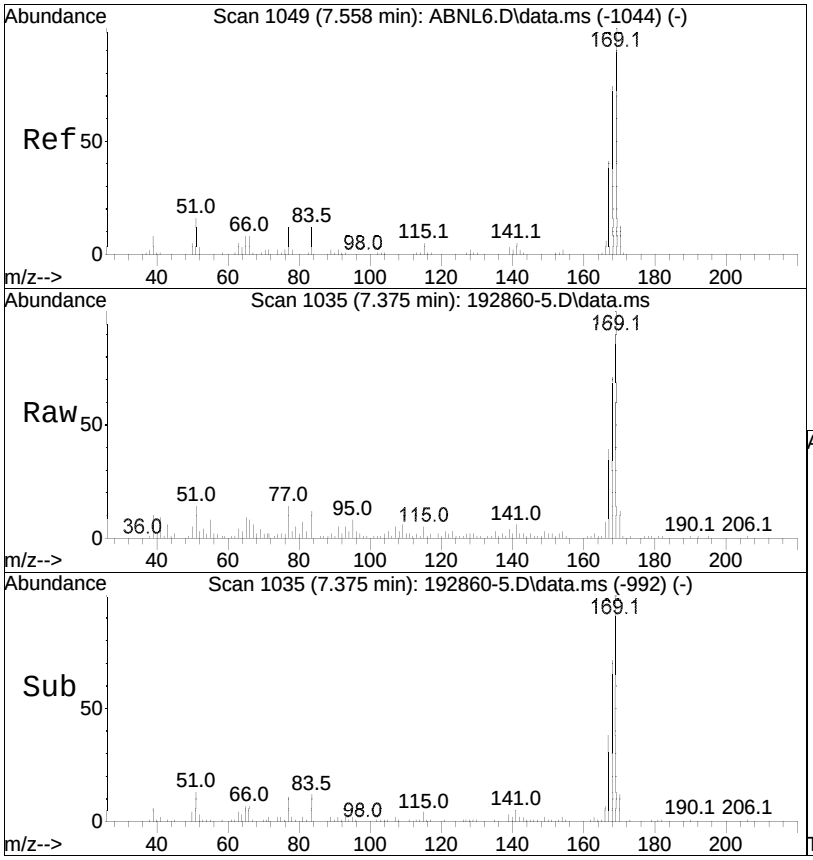


#76
4,6-Dinitro-o-cresol
Concen: 2.52 ug/ml
RT: 7.304 min Scan# 1023
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:198 Resp: 7581

Ion	Ratio	Lower	Upper
198	100		
51	49.4	49.9	74.9#
105	50.4	45.8	68.6

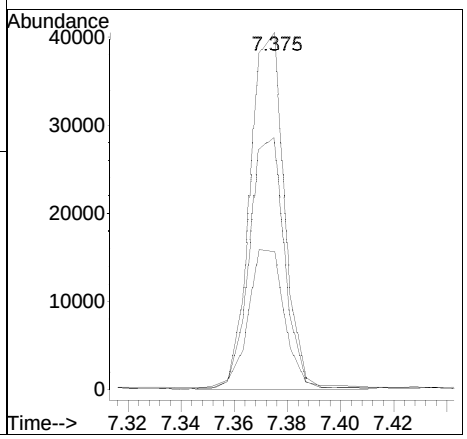


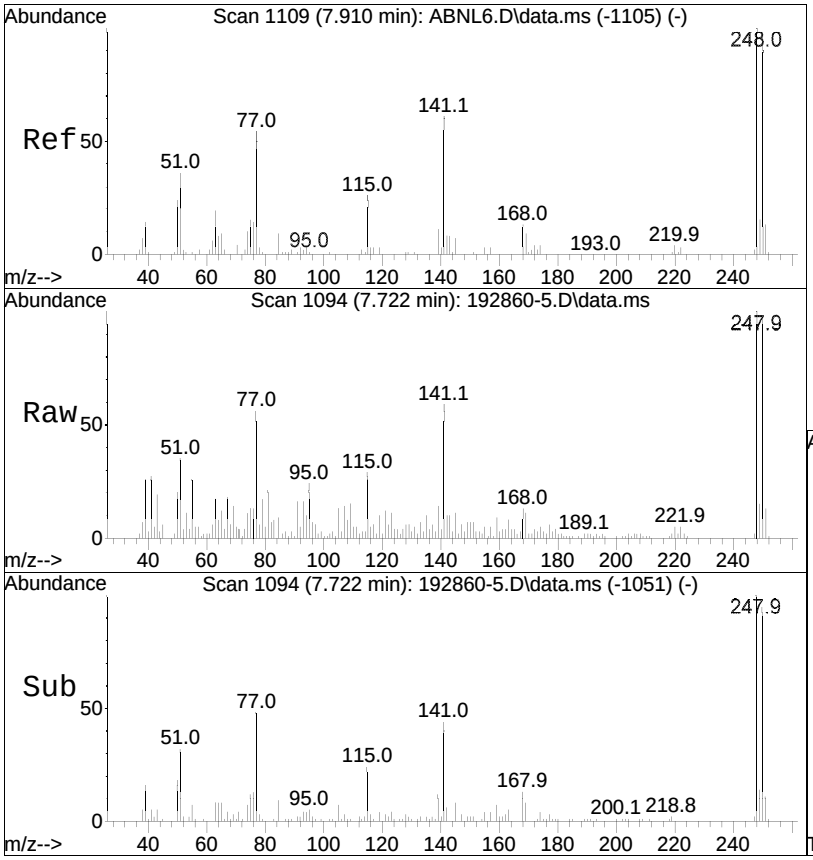


#77
NDPA/DPA
Concen: 1.76 ug/ml
RT: 7.375 min Scan# 1035
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:169 Resp: 36049

Ion	Ratio	Lower	Upper
169	100		
168	72.7	55.2	82.8
167	42.0	30.4	45.6

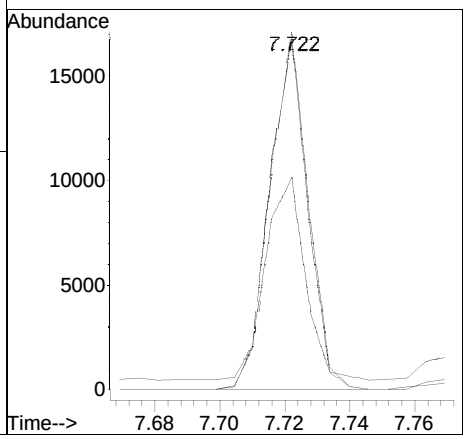


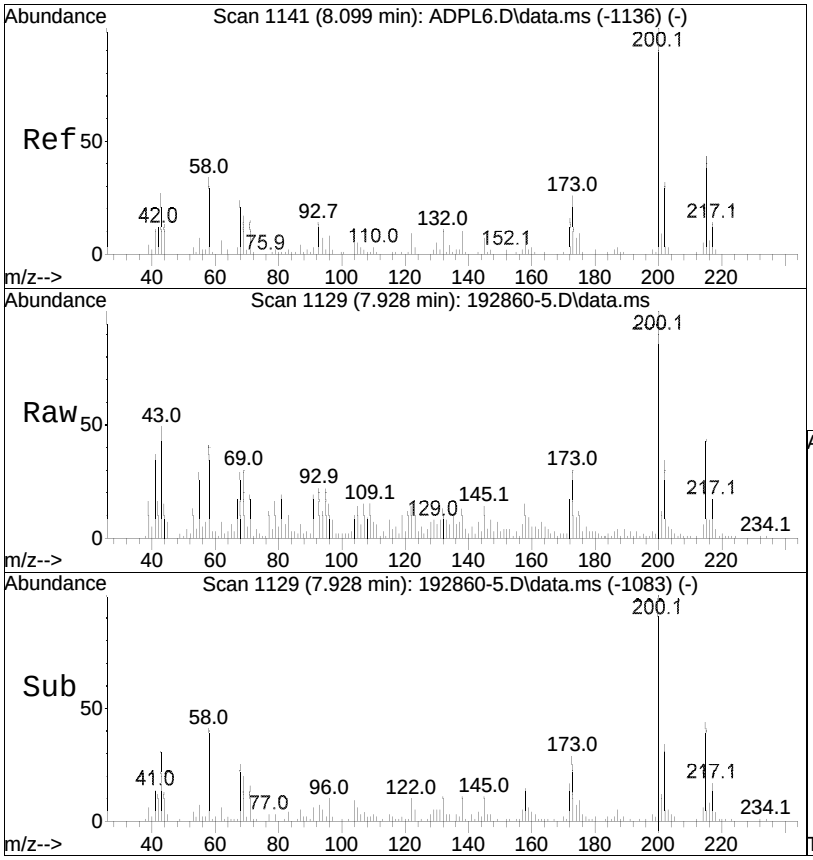


#80
4-Bromophenyl phenyl ether
Concen: 1.67 ug/ml
RT: 7.722 min Scan# 1094
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:248 Resp: 13820

Ion	Ratio	Lower	Upper
248	100		
141	59.3	74.6	111.8#
250	97.8	76.9	115.3

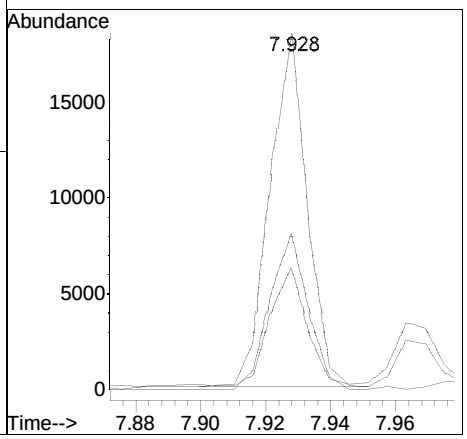


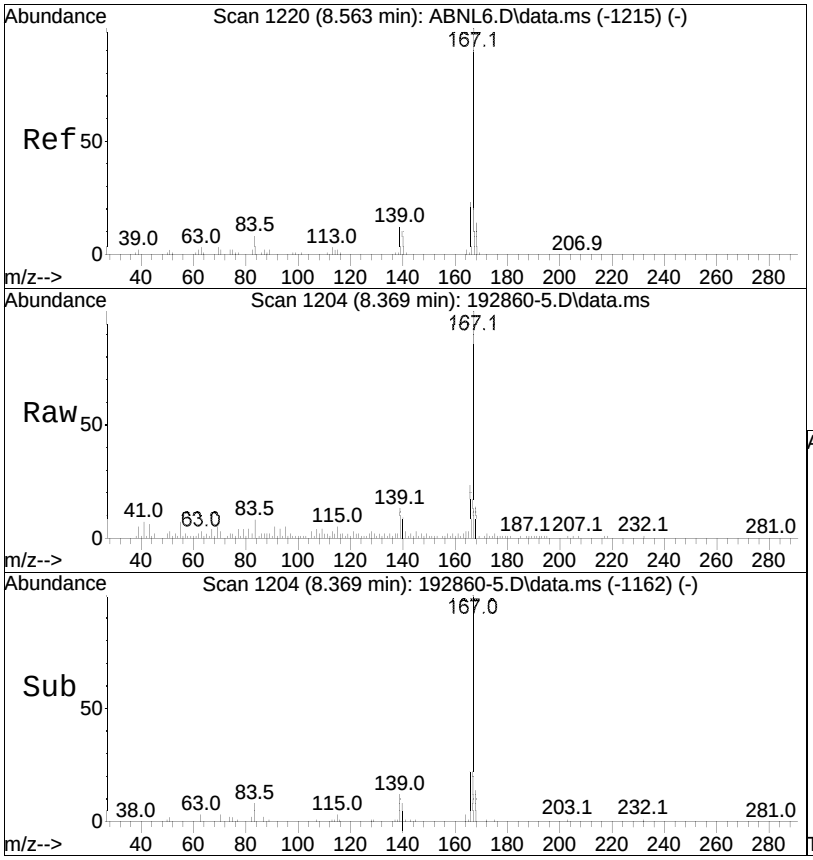


#87
Atrazine
Concen: 1.92 ug/ml
RT: 7.928 min Scan# 1129
Delta R.T. 0.018 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:200 Resp: 14638

Ion	Ratio	Lower	Upper
200	100		
202	33.4	25.0	37.6
215	45.3	34.5	51.7

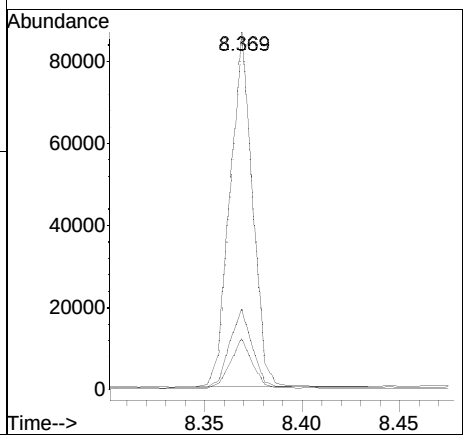


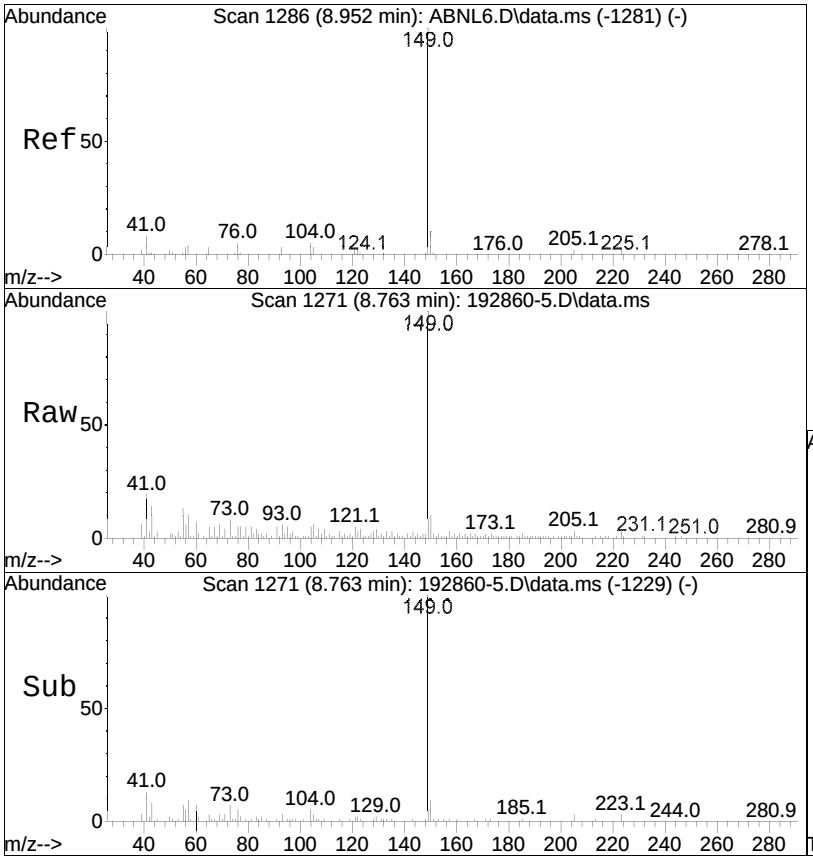


#91
Carbazole
Concen: 1.92 ug/ml
RT: 8.369 min Scan# 1204
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:167 Resp: 68115

Ion	Ratio	Lower	Upper
167	100		
168	14.1	10.8	16.2
166	22.6	17.7	26.5

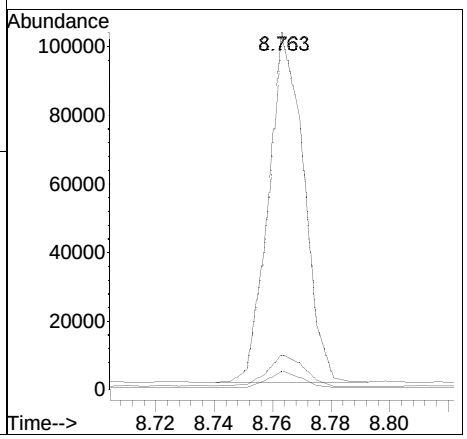


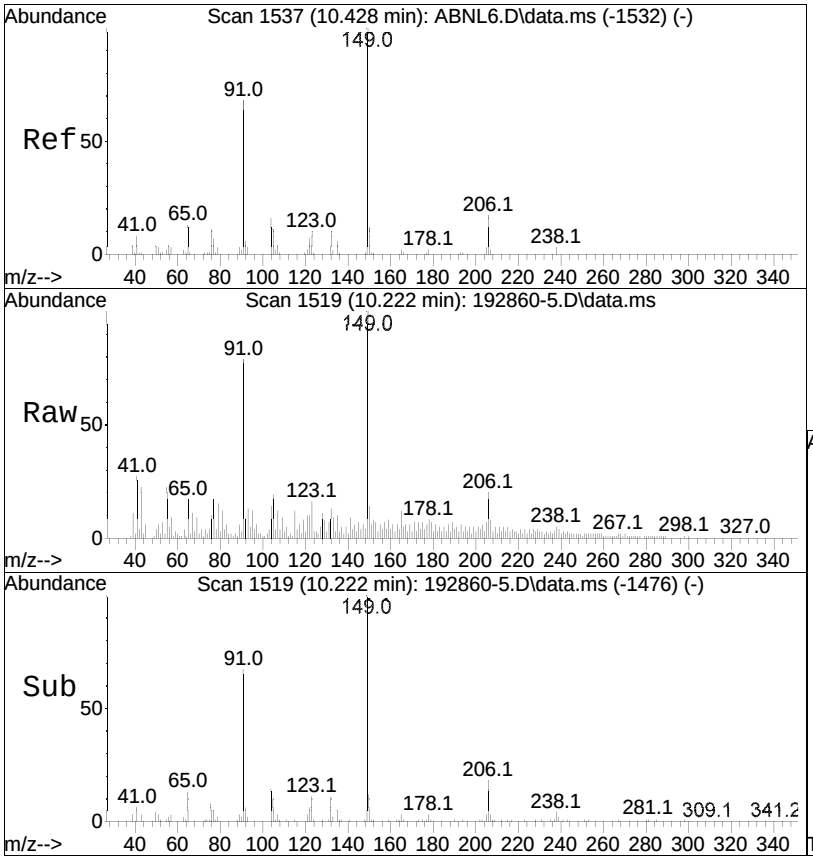


#92
Di-n-butylphthalate
Concen: 2.17 ug/ml
RT: 8.763 min Scan# 1271
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:149 Resp: 85345

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.5	4.0	6.0

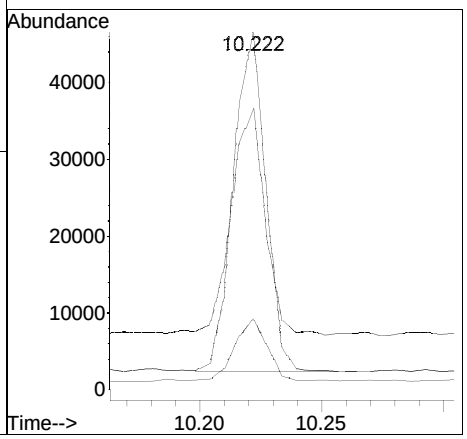


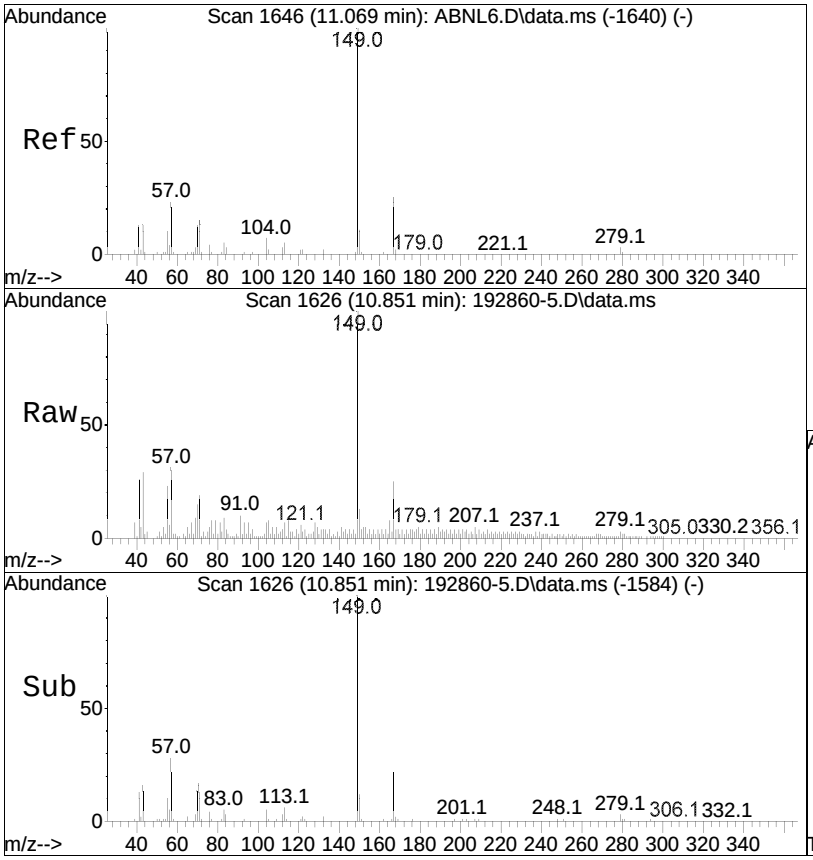


#97
Butyl benzyl phthalate
Concen: 2.59 ug/ml
RT: 10.222 min Scan# 1519
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:149 Resp: 40424

Ion	Ratio	Lower	Upper
149	100		
91	67.7	57.9	86.9
206	18.3	11.9	17.9#

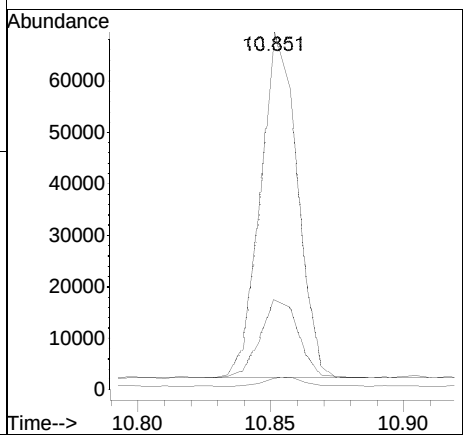


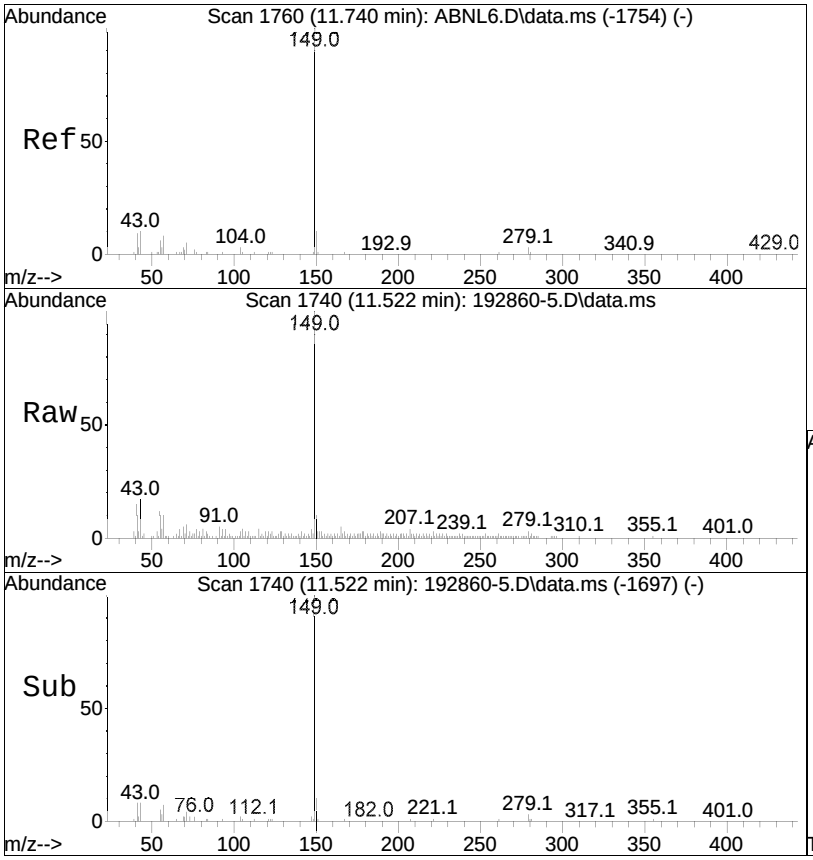


#108
Bis(2-ethylhexyl)phthalate
Concen: 2.67 ug/ml
RT: 10.851 min Scan# 1626
Delta R.T. -0.000 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:149 Resp: 64427

Ion	Ratio	Lower	Upper
149	100		
167	24.0	18.4	27.6
279	3.1	1.7	2.5#

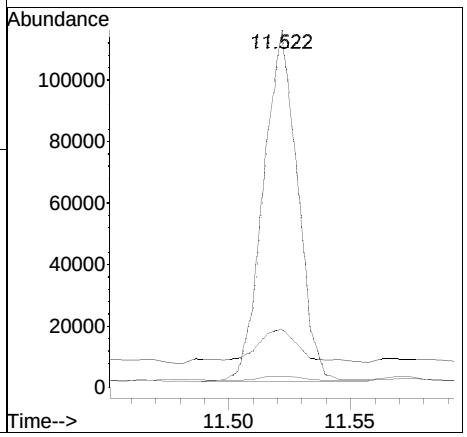




#109
Di-n-octylphthalate
Concen: 2.76 ug/ml
RT: 11.522 min Scan# 1740
Delta R.T. 0.006 min
Lab File: 192860-5.D
Acq: 04 Apr 2026 03:10 pm

Tgt Ion:149 Resp: 110841

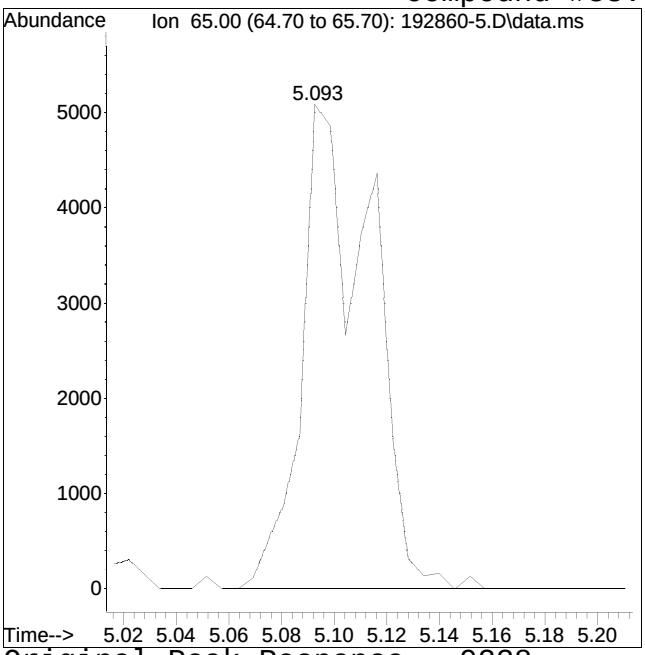
Ion	Ratio	Lower	Upper
149	100		
43	12.8	8.2	12.2#
167	0.0	1.1	1.7#

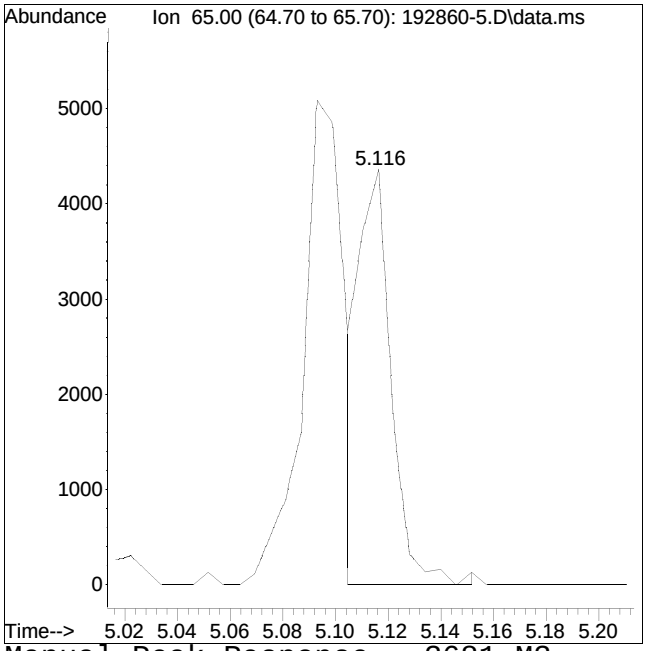


Manual Integration Report

Data Path : I:\8270\SV112\260404rvt\ QMethod : FS260206SV112RVT.m
Data File : 192860-5.D Operator : SV112:cmm
Date Inj'd : 4/4/2026 3:10 pm Instrument : SV112
Sample : WG2192860-5,32,,gmr Quant Date : 4/4/2026 3:25 pm

Compound #38: 4-Chloroaniline





Original Peak Response = 9238 Manual Peak Response = 3681 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.

Calculation of Semi Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Apr 07 2026, 10:31 am

Work Group: WG2192860 for Department: 2 Organic Preparation

Created: 02-APR-26 Due: Operator: SJM

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2617421-01	MW-1-032726	C	NYTCL-8270-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-02	MW-2-032726	C	NYTCL-8270-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-03	MW-3R-032726	C	NYTCL-8270-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-04	MW-4R-032726	C	NYTCL-8270-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-05	DUP-032726	C	NYTCL-8270-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2618233-01	EW-1-040126	C	NYTCL-8270-RVT	WATER	DONE	U	0408	0408	1A	Amber-A.1
L2618327-15	EQUIPMENT BLANK	C	NYTCL-8270-RVT	WATER	DONE	U	0408	0408	2F	Amber-A.1
L2618395-01	AT5596GW178	C	NYTCL-8270-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-02	AT5596GW179	C	NYTCL-8270-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-03	AT5596GW180	C	NYTCL-8270-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-04	AT5596GW181	C	NYTCL-8270-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-05	AT5596GW182	C	NYTCL-8270-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
WG2192860-1	Laboratory Method Bl	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2192860-2	Laboratory Control S	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2192860-3	LCS Duplicate	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2192860-4	Matrix Spike	S	NYTCL-8270-RVT	WATER	DONE	U				
WG2192860-5	Matrix Spike Duplica	S	NYTCL-8270-RVT	WATER	DONE	U				

Comments:

WG2192860-3	WG2192860-2
WG2192860-4	L2617421-03
WG2192860-5	L2617421-03

Dep.: GCMS
Inst: SV112
Date: **02/06/26**
Run: **Night-Run-ICAL**

Method
GC: 8270RVT

Seq: **WG**
ICAL:

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	Tune1	Tune1 Lot # 12205				
1	ABNL9	IL2,32,,ABNL50 Lot # 12059				
2	ABNL8	IL3,32,,ABNL25 Lot # 12060				
3	ABNL7	IL4,32,,ABNL10 Lot # 12061				
4	ABNL6	IL5,32,,ABNL5 Lot # 12062				
5	ABNL5	IL6,32,,ABNL2.5 Lot # 12063				
6	ABNL3	IL8,32,,ABNL0.5 Lot # 12065				
7	ABNL4	IL7,32,,ABNL1 Lot # 12064				
8	ABNL2	IL9,32,,ABNL0.2 Lot # 12066				
9	ABNL1	IL10,32,,ABNL0.1 Lot # 12067				
10	AP9L9	IL2,32,,AP9L50 Lot # 12068				
11	AP9L8	IL3,32,,AP9L25 Lot # 12069				
12	AP9L7	IL4,32,,AP9L10 Lot # 12070				
13	AP9L6	IL5,32,,AP9L5 Lot # 12071				
14	AP9L5	IL6,32,,AP9L2.5 Lot # 12072				
15	AP9L4	IL7,32,,AP9L1 Lot # 12073				
16	AP9L3	IL8,32,,AP9L0.5 Lot # 12074				
17	AP9L2	IL9,32,,AP9L0.2 Lot # 12075				
18	AP9L1	IL10,32,,AP9L0.1 Lot # 12076				
19	ABNICV	CQICV1,32,,ABNICV Lot # 12087				
20	AP9ICV	CQICV2,32,,AP9ICV Lot # 12088				
141	Tune2	Tune2 Lot # 12205				
21	ADPL9	IL2,32,,ADPL50 Lot # 12077				
22	ADPL8	IL3,32,,ADPL25 Lot # 12078				
23	ADPL7	IL4,32,,ADPL10 Lot # 12079				
24	ADPL6	IL5,32,,ADPL5 Lot # 12080				
25	ADPL5	IL6,32,,ADPL2.5 Lot # 12081				
26	ADPL4	IL7,32,,ADPL1 Lot # 12082				
27	ADPL3	IL8,32,,ADPL0.5 Lot # 12083				
28	ADPL2	IL9,32,,ADPL0.2 Lot # 12084				
29	ADPL1	IL10,32,,ADPL0.1 Lot # 12085				
30	ADPICV	CQICV,32,,ADPICV Lot # 12089				
31	Blank	Instrument Blank			**ASK**	
					sv-gmr	

Dep.: GCMS
Inst: SV112
Date: **04/02/26**
Run:

Method
GC: 8270RVT

Seq: **WG2193052**
ICAL: 23047

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	DEG0402	wg-1,32,,Degdftpp SV112 Lot # 12225				4/2jg
142	ABN0402	wg-3,32,,ABN 12287 smc0329A				4/2jg
143	AP90402	wg-4,32,,AP9 12162 smc0329A				4/2jg
144	ADP0402	wg-5,32,,ADP 12057 smc0329A				4/2jg
1	192860-1	WG2192860-1,32,,smc				slr 4/3
2	192860-2	WG2192860-2,32,,smc				slr 4/3
3	192860-3	WG2192860-3,32,,smc				slr 4/3
4	192918-1	WG2192918-1,32,,smc				4/2jg
5	192918-2	WG2192918-2,32,,smc				4/2jg
6	192918-3	WG2192918-3,32,,smc				4/2jg
7	18045-01	L2618045-01,32,,R3B,smc				4/2jg
8	18045-02	L2618045-02,32,,R3B,smc				4/2jg
9	18233-01	L2618233-01,32,,R1A,smc			**smc**	slr 4/3
10	192926-2	WG2192926-2,32,,mrg				4/2jg
11	192926-3	WG2192926-3,32,,mrg				4/2jg
12	192926-1	WG2192926-1,32,,mrg				4/2jg
13	192865-2	WG2192865-2,32,,mrg				slr 4/3
14	192865-3	WG2192865-3,32,,mrg				slr 4/3
15	192865-1	WG2192865-1,32,,mrg				slr 4/3
16	17686-01	L2617686-01,32,,R3D,mrg				slr 4/3
17	17686-02	L2617686-02,32,,R3D,mrg				slr 4/3
18	17686-03	L2617686-03,32,,R3D,mrg				slr 4/3
19	17686-04	L2617686-04,32,,R3D,mrg				slr 4/3
20	17686-05	L2617686-05,32,,R3D,mrg				slr 4/3
21	18369-01	L2618369-01,32,,R3B,mrg	RV; low IS	slr		slr 4/3
22	18370-01	L2618370-01,32,,R3B,mrg			**mrg/sv jg**	slr 4/3

Dep.: GCMS
Inst: SV112
Date: **04/04/26**
Run:

Method
GC: 8270RVT

Seq: **WG2193904**
ICAL: 23047

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	DEG0404	wg-1,32,,Degdftpp SV112 Lot # 12225				4/4jg
142	ABN0404	wg-3,32,,ABN 12287 gmr0404A				4/4jg
143	AP90404	wg-4,32,,AP9 12162 gmr0404A				4/4jg
144	ADP0404	wg-5,32,,ADP 12294 gmr0404A				4/4jg
1	193542-1	WG2193542-1,32,,gmr				4/4jg
2	193542-2	WG2193542-2,32,,gmr				4/4jg
3	193542-3	WG2193542-3,32,,gmr				4/4jg
4	193543-1	WG2193543-1,32,,gmr				cmm 4/6
5	193543-2	WG2193543-2,32,,gmr				cmm 4/6
6	193543-3	WG2193543-3,32,,gmr				cmm 4/6
7	18290-01	L2618290-01,32,,R3C,gmr				4/4jg
8	17761-03	L2617761-03,32,,gmr				cmm 4/6
9	18327-15	L2618327-15,32,,R2F,gmr				cmm 4/6
10	17421-05	L2617421-05,32,,gmr				cmm 4/6
11	17421-04	L2617421-04,32,,gmr				cmm 4/6
12	17421-01	L2617421-01,32,,gmr				cmm 4/6
13	17421-02	L2617421-02,32,,gmr				cmm 4/6
14	17421-03	L2617421-03,32,,gmr				cmm 4/6
15	192860-4	WG2192860-4,32,,gmr				cmm 4/6
16	192860-5	WG2192860-5,32,,gmr				cmm 4/6
17	193542-4	WG2193542-4,32,,gmr				
18	193542-5	WG2193542-5,32,,gmr				
19	71141-99	L2571141-99,32,,gmr			**gmr**	
					sv-smc	

ORGANIC ELN REPORT

Workgroup: WG2192860

Prep Method: EPA 3510C
Solvent Type: DCM
Surrogate Type: ABN
Spike Type: ABN
Spike Verify by: SJM
Lims Spikelot: 8270-RVT

Lot #: EL676
Lot #: 12268ag,09/11/2026,1l,7,1
Lot #: 12292ai,09/26/2026,12189ai,05

Additional Reagents/Stds

H2SO4	A010426
Na2SO4	256340
NaOH	10NNaOH022026

Conc.Method: Buchi
Solvent Type: DCM
Lot #: EL676

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type:
Lot #:

Additional Reagents/Stds

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2617421-01 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-02 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-03 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-04 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-05 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2618233-01 WATER	04/02/26 08:38	Sydney Meyer	100	<2,>12	.1		04/02/26 08:49	Erin Wildes	1	K

Reported: 07-APR-26 10:31 AM

ORGANIC ELN REPORT

Workgroup: WG2192860

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2618327-15 SAMP	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2618395-01 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-02 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-03 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-04 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-05 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
WG2192860-1 BLANK	04/02/26 08:38 **WG2192861**	Sydney Meyer	100	<2,>12	.1		04/02/26 08:49	Erin Wildes	1	K
WG2192860-2 LCS	04/02/26 08:38	Sydney Meyer	100	<2,>12	.1	.1	04/02/26 08:49	Erin Wildes	1	K

ORGANIC ELN REPORT

Workgroup: WG2192860

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
WG2192860-3 LCSD	04/02/26 08:38	Sydney Meyer	100	<2,>12	.1	.1	04/02/26 08:49	Erin Wildes	1	K
WG2192860-4 MS	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1	.1	04/02/26 21:56	Mary Asare	1	K
WG2192860-5 MSD	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1	.1	04/02/26 21:56	Mary Asare	1	K

Reported: 07-APR-26 10:31 AM

Semivolatiles Data
by Method 8270D-SIM

Semivolatiles QC Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: C&S Companies
Project Name: 2026 BROWN MFG PRR

Lab Number: L2617421
Project Number: 119.431.042
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-1-032726 (L2617421-01)	57	40	76	84	85	78	0
MW-2-032726 (L2617421-02)	40	29	54	60	56	70	0
MW-3R-032726 (L2617421-03)	41	30	59	69	79	61	0
MW-4R-032726 (L2617421-04)	49	36	68	73	77	68	0
DUP-032726 (L2617421-05)	49	34	70	73	79	67	0
WG2192861-1BLANK	54	34	103	75	85	87	0
WG2192861-2LCS	66	44	118	80	107	95	0
WG2192861-3LCSD	65	43	115	77	101	87	0
MW-3R-032726MS	60	44	78	85	92	66	0
MW-3R-032726MSD	61	46	85	86	101	84	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-SIM-RVT

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2192861-2	**Analysis Date** : 04/03/26 10:55	**File ID** : 192861-2
LCSD Sample ID	: WG2192861-3	**Analysis Date** : 04/03/26 11:13	**File ID** : 192861-3

	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
Acenaphthene	20	17	84	20	16	79	6	40-140	40
2-Chloronaphthalene	20	16	82	20	16	78	5	40-140	40
Fluoranthene	20	19	94	20	17	86	9	40-140	40
Hexachlorobutadiene	20	14	71	20	14	72	1	40-140	40
Naphthalene	20	16	80	20	16	78	3	40-140	40
Benzo(a)anthracene	20	19	97	20	17	86	12	40-140	40
Benzo(a)pyrene	20	20	100	20	18	89	12	40-140	40
Benzo(b)fluoranthene	20	20	102	20	18	89	14	40-140	40
Benzo(k)fluoranthene	20	19	96	20	17	86	11	40-140	40
Chrysene	20	19	97	20	17	87	11	40-140	40
Acenaphthylene	20	18	93	20	18	88	6	40-140	40
Anthracene	20	18	92	20	17	85	8	40-140	40
Benzo(ghi)perylene	20	20	100	20	18	91	9	40-140	40
Fluorene	20	17	86	20	16	79	8	40-140	40
Phenanthrene	20	18	88	20	16	79	11	40-140	40
Dibenzo(a,h)anthracene	20	21	104	20	19	94	10	40-140	40
Indeno(1,2,3-cd)pyrene	20	20	102	20	18	90	13	40-140	40
Pyrene	20	19	93	20	17	84	10	40-140	40
2-Methylnaphthalene	20	18	89	20	17	86	3	40-140	40
Pentachlorophenol	20	23	116	20	22	108	7	40-140	40
Hexachlorobenzene	20	18	93	20	17	86	8	40-140	40
Hexachloroethane	20	16	81	20	16	83	2	40-140	40

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Client Sample ID	: MW-3R-032726	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2617421-03	**Analysis Date**	: 04/03/26 14:18
Matrix Spike	: WG2192861-4	**MS Analysis Date**	: 04/03/26 14:35
Matrix Spike Dup	: WG2192861-5	**MSD Analysis Date**	: 04/03/26 14:52

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	ND	20	14	70	20	16	80	13	40-140	40
2-Chloronaphthalene	ND	20	16	80	20	16	80	0	40-140	40
Fluoranthene	ND	20	13	65	20	16	80	21	40-140	40
Hexachlorobutadiene	ND	20	12	60	20	13	65	8	40-140	40
Naphthalene	ND	20	13	65	20	14	70	7	40-140	40
Benzo(a)anthracene	ND	20	16	80	20	18	90	12	40-140	40
Benzo(a)pyrene	ND	20	17	85	20	19	95	11	40-140	40
Benzo(b)fluoranthene	ND	20	17	85	20	19	95	11	40-140	40
Benzo(k)fluoranthene	ND	20	16	80	20	18	90	12	40-140	40
Chrysene	ND	20	16	80	20	18	90	12	40-140	40
Acenaphthylene	ND	20	16	80	20	16	80	0	40-140	40
Anthracene	0.13	20	15	74	20	17	84	13	40-140	40
Benzo(ghi)perylene	ND	20	19	95	20	21	110	10	40-140	40
Fluorene	ND	20	14	70	20	16	80	13	40-140	40
Phenanthrene	ND	20	15	75	20	17	85	13	40-140	40
Dibenzo(a,h)anthracene	ND	20	19	95	20	22	110	15	40-140	40
Indeno(1,2,3-cd)pyrene	ND	20	20	100	20	23	120	14	40-140	40
Pyrene	0.06J	20	13	65	20	16	80	21	40-140	40
2-Methylnaphthalene	ND	20	14	70	20	16	80	13	40-140	40
Pentachlorophenol	0.17J	20	20	100	20	23	120	14	40-140	40
Hexachlorobenzene	ND	20	15	75	20	18	90	18	40-140	40
Hexachloroethane	ND	20	14	70	20	15	75	7	40-140	40

Method Blank Summary
Form 4
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab Sample ID	: WG2192861-1	**Lab File ID**	: 192861-1
Instrument ID	: SV118	**Extraction Date**	: 04/02/26
Matrix	: WATER	**Analysis Date**	: 04/03/26 11:31
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2192861-2LCS	WG2192861-2	04/03/26 10:55
WG2192861-3LCSD	WG2192861-3	04/03/26 11:13
MW-1-032726	L2617421-01	04/03/26 13:43
MW-2-032726	L2617421-02	04/03/26 14:00
MW-3R-032726	L2617421-03	04/03/26 14:18
MW-3R-032726MS	WG2192861-4	04/03/26 14:35
MW-3R-032726MSD	WG2192861-5	04/03/26 14:52
MW-4R-032726	L2617421-04	04/03/26 15:09
DUP-032726	L2617421-05	04/03/26 15:27

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV125	**Analysis Date**	: 11/20/25 16:12
Tune Standard	: R2040663-12	**Tune File ID**	: Tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	62.6
68	Less than 2.0% of mass 69	0.5 (1.2)1
69		100
70	Less than 2.0% of mass 69	0.3 (.7)1
127	10.0 - 80.0% of Base Peak	52.2
197	Less than 2.0% of mass 198	0.2
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.2
275	10.0 - 60.0% of Base Peak	22.3
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	18
442	Base Peak, or >50% of mass 198	60.8
443	15.0 - 24.0% of mass 442	12.2 (20)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R2040663-2	IL10	11/20/25 16:30
IL9	R2040663-10	IL9	11/20/25 16:47
IL8	R2040663-9	IL8	11/20/25 17:04
IL7	R2040663-8	IL7	11/20/25 17:21
IL6	R2040663-6	IL6	11/20/25 17:39
IL5	R2040663-7	IL5	11/20/25 17:56
IL4	R2040663-5	IL4	11/20/25 18:13
IL3	R2040663-4	IL3	11/20/25 18:31
IL2	R2040663-3	IL2	11/20/25 18:48
IL1	R2040663-1	IL1	11/20/25 19:05
ICV Quant Report	R2040663-11	ICV	11/20/25 19:23

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV125	**Analysis Date**	: 04/03/26 09:21
Tune Standard	: WG2193582-1	**Tune File ID**	: deg0403_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	55.2
68	Less than 2.0% of mass 69	0.7 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.4 (.9)1
127	10.0 - 80.0% of Base Peak	54.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	24.8
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	17.7
442	Base Peak, or >50% of mass 198	76.4
443	15.0 - 24.0% of mass 442	14.9 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2193582-4TFACTOR-B	WG2193582-4	DEG0403	04/03/26 09:21
WG2193582-5TFACTOR-P	WG2193582-5	DEG0403	04/03/26 09:21
WG2193582-3CCAL	WG2193582-3	CCV0403A	04/03/26 10:21
MW-1-032726	L2617421-01	17421-01	04/03/26 13:43
MW-2-032726	L2617421-02	17421-02	04/03/26 14:00
MW-3R-032726	L2617421-03	17421-03	04/03/26 14:18
WG2192861-4MS	WG2192861-4	192861-4	04/03/26 14:35
WG2192861-5MSD	WG2192861-5	192861-5	04/03/26 14:52
MW-4R-032726	L2617421-04	17421-04	04/03/26 15:09
DUP-032726	L2617421-05	17421-05	04/03/26 15:27

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV118	**Analysis Date**	: 12/13/25 18:36
Tune Standard	: R2048046-1	**Tune File ID**	: TUNE_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.2
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	50.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	23.6
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	18.9
442	Base Peak, or >50% of mass 198	86.9
443	15.0 - 24.0% of mass 442	16.1 (18.6)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L10	R2048046-4	L10	12/13/25 18:55
L9	R2048046-2	L9	12/13/25 19:12
L8	R2048046-11	L8	12/13/25 19:29
L7	R2048046-10	L7	12/13/25 19:46
L6	R2048046-9	L6	12/13/25 20:03
L5	R2048046-8	L5	12/13/25 20:20
L4	R2048046-7	L4	12/13/25 20:38
L3	R2048046-6	L3	12/13/25 20:55
L2	R2048046-5	L2	12/13/25 21:12
L1	R2048046-3	L1	12/13/25 21:29
ICV Quant Report	R2048046-13	ICV	12/13/25 21:47

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV118	**Analysis Date**	: 04/03/26 09:18
Tune Standard	: WG2193570-1	**Tune File ID**	: deg0403_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	45.2
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.3 (.7)1
127	10.0 - 80.0% of Base Peak	51.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	25.3
365	Greater than 1.0% of mass 198	3.6
441	Present, but less than 24% of mass 442	19.1
442	Base Peak, or >50% of mass 198	83.3
443	15.0 - 24.0% of mass 442	15.8 (19)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2193570-4TFACTOR-B	WG2193570-4	DEG0403	04/03/26 09:18
WG2193570-5TFACTOR-P	WG2193570-5	DEG0403	04/03/26 09:18
WG2193570-3CCAL	WG2193570-3	CCV0403A	04/03/26 09:57
WG2192861-2LCS	WG2192861-2	192861-2	04/03/26 10:55
WG2192861-3LCSD	WG2192861-3	192861-3	04/03/26 11:13
WG2192861-1BLANK	WG2192861-1	192861-1	04/03/26 11:31

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV118	**Analysis Date**	: 04/03/26 09:57:00
Sample No	: WG2193570-3	**Lab File ID**	: CCV0403A

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2193570-3	366718	2.57	1412383	3.27	811303	4.31
Upper Limit	733436	3.07	2824766	3.77	1622606	4.81
Lower Limit	183359	2.07	706192	2.77	405652	3.81
Sample ID						
WG2192861-2 LCS	298396	2.56	1139073	3.26	641674	4.30
WG2192861-3 LCSD	335021	2.57	1273110	3.27	718466	4.30
WG2192861-1 BLANK	348438	2.57	1302556	3.27	742354	4.30

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

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV118	**Analysis Date**	: 04/03/26 09:57:00
Sample No	: WG2193570-3	**Lab File ID**	: CCV0403A

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2193570-3	1627596	5.19	1244272	6.81	1160895	8.04
Upper Limit	3255192	5.69	2488544	7.31	2321790	8.54
Lower Limit	813798	4.69	622136	6.31	580448	7.54
Sample ID						
WG2192861-2 LCS	1250159	5.18	914051	6.83	864759	8.07
WG2192861-3 LCSD	1415000	5.19	1063708	6.80	1017701	8.03
WG2192861-1 BLANK	1505921	5.19	1191549	6.80	1071740	8.03

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

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV125	**Analysis Date**	: 04/03/26 10:21:00
Sample No	: WG2193582-3	**Lab File ID**	: CCV0403A

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2193582-3	169063	2.51	637005	3.17	379032	4.16
Upper Limit	338126	3.01	1274010	3.67	758064	4.66
Lower Limit	84532	2.01	318503	2.67	189516	3.66
Sample ID						
MW-1-032726	177328	2.51	668185	3.18	408861	4.16
MW-2-032726	175281	2.52	655910	3.18	396661	4.16
MW-3R-032726	181105	2.51	696353	3.18	412155	4.16
MW-3R-032726 MS	186382	2.52	753422	3.18	475679	4.16
MW-3R-032726 MSD	182214	2.51	733113	3.18	407397	4.16
MW-4R-032726	180257	2.52	681580	3.18	411950	4.16
DUP-032726	191240	2.52	736868	3.18	433036	4.16

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

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: SV125	**Analysis Date**	: 04/03/26 10:21:00
Sample No	: WG2193582-3	**Lab File ID**	: CCV0403A

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2193582-3	826093	5.00	678891	6.61	785196	7.88
Upper Limit	1652186	5.50	1357782	7.11	1570392	8.38
Lower Limit	413047	4.50	339446	6.11	392598	7.38
Sample ID						
MW-1-032726	871269	5.00	739405	6.59	700622	7.86
MW-2-032726	852793	5.00	862762	6.59	687877	7.86
MW-3R-032726	804802	5.01	562484	6.60	566544	7.87
MW-3R-032726 MS	949507	5.01	627690	6.60	586221	7.88
MW-3R-032726 MSD	790772	5.01	586426	6.60	548076	7.88
MW-4R-032726	844200	5.00	698960	6.60	699385	7.86
DUP-032726	940701	5.01	690905	6.60	581767	7.88

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: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

EPA 8270E Low Level PAH (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	0.1	0.0235	ug/l	40-140	40	40-140	40	40			
2-Chloronaphthalene	91-58-7	0.2	0.0227	ug/l	40-140	40	40-140	40	40			
Fluoranthene	206-44-0	0.1	0.0272	ug/l	40-140	40	40-140	40	40			
Hexachlorobutadiene	87-68-3	0.5	0.02	ug/l	40-140	40	40-140	40	40			
Naphthalene	91-20-3	0.1	0.0245	ug/l	40-140	40	40-140	40	40			
Benzo(a)anthracene	56-55-3	0.1	0.0295	ug/l	40-140	40	40-140	40	40			
Benzo(a)pyrene	50-32-8	0.1	0.024	ug/l	40-140	40	40-140	40	40			
Benzo(b)fluoranthene	205-99-2	0.1	0.0272	ug/l	40-140	40	40-140	40	40			
Benzo(k)fluoranthene	207-08-9	0.1	0.0338	ug/l	40-140	40	40-140	40	40			
Chrysene	218-01-9	0.1	0.031	ug/l	40-140	40	40-140	40	40			
Acenaphthylene	208-96-8	0.1	0.0205	ug/l	40-140	40	40-140	40	40			
Anthracene	120-12-7	0.1	0.0239	ug/l	40-140	40	40-140	40	40			
Benzo(ghi)perylene	191-24-2	0.1	0.0237	ug/l	40-140	40	40-140	40	40			
Fluorene	86-73-7	0.1	0.0255	ug/l	40-140	40	40-140	40	40			
Phenanthrene	85-01-8	0.1	0.0392	ug/l	40-140	40	40-140	40	40			
Dibenzo(a,h)anthracene	53-70-3	0.1	0.0235	ug/l	40-140	40	40-140	40	40			
Indeno(1,2,3-cd)Pyrene	193-39-5	0.1	0.022	ug/l	40-140	40	40-140	40	40			
Pyrene	129-00-0	0.1	0.0425	ug/l	40-140	40	40-140	40	40			
1-Methylnaphthalene	90-12-0	0.1	0.0251	ug/l	40-140	40	40-140	40	40			
2-Methylnaphthalene	91-57-6	0.1	0.0277	ug/l	40-140	40	40-140	40	40			
Pentachlorophenol	87-86-5	0.8	0.0565	ug/l	40-140	40	40-140	40	40			
Hexachlorobenzene	118-74-1	0.8	0.0134	ug/l	40-140	40	40-140	40	40			
Hexachloroethane	67-72-1	0.8	0.0224	ug/l	40-140	40	40-140	40	40			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

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 Pace Analytical Services.

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-01	Date Collected	: 03/27/26 14:00
Client ID	: MW-1-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/03/26 13:43
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 17421-01	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-02	Date Collected	: 03/27/26 13:13
Client ID	: MW-2-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/03/26 14:00
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 17421-02	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-03	Date Collected	: 03/27/26 11:35
Client ID	: MW-3R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/03/26 14:18
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 17421-03	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.13	0.10	0.02	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.06	0.10	0.04	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	0.17	0.80	0.06	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-04	Date Collected	: 03/27/26 10:40
Client ID	: MW-4R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/03/26 15:09
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 17421-04	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.06	0.10	0.02	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.05	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.04	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.16	0.10	0.03	
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-05	Date Collected	: 03/27/26 00:00
Client ID	: DUP-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/03/26 15:27
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 17421-05	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.14	0.10	0.02	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.05	0.10	0.04	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2192861-1	Date Collected	: NA
Client ID	: WG2192861-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/03/26 11:31
Sample Matrix	: WATER	Date Extracted	: 04/02/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 192861-1	Analyst	: SLR
Sample Amount	: 100 ml	Instrument ID	: SV118
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-01.D
Acq On : 03 Apr 2026 01:43 pm
Operator : SV125:slr
Sample : L2617421-01,32,,rp
Misc : WG2193582,WG2192861,ical2846
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 09 10:00:25 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.514	152	177328	4000.000	ng/ml	0.00
Standard Area 1 = 169063			Recovery	= 104.89%		
9) Naphthalene-d8	3.179	136	668185	4000.000	ng/ml	0.00
Standard Area 1 = 637005			Recovery	= 104.89%		
18) Acenaphthene-d10	4.159	164	408861	4000.000	ng/ml	0.00
Standard Area 1 = 379032			Recovery	= 107.87%		
23) Phenanthrene-d10	5.002	188	871269	4000.000	ng/ml	0.00
Standard Area 1 = 826093			Recovery	= 105.47%		
32) Chrysene-d12	6.591	240	739405	4000.000	ng/ml	-0.02
Standard Area 1 = 678891			Recovery	= 108.91%		
37) Perylene-d12	7.856	264	700622	4000.000	ng/ml	-0.02
Standard Area 1 = 785196			Recovery	= 89.23%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.922	112	54146	1134.322	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 56.72%		
4) Phenol-d6	2.334	99	47355	804.299	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 40.21%		
8) Nitrobenzene-d5	2.796	82	39936	763.694	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 76.37%		
14) 2-Fluorobiphenyl	3.777	172	120944	836.200	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 83.62%		
22) 2,4,6-Tribromophenol	4.606	330	38353	1702.418	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 85.12%		
31) 4-Terphenyl-d14	5.931	244	146326	784.296	ng/ml	-0.01
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 78.43%		
Target Compounds						Qvalue
7) Hexachloroethane	0.000		0	N.D.		
10) Naphthalene	0.000		0	N.D. d		
11) Hexachlorobutadiene	0.000		0	N.D.		
12) 2-Methylnaphthalene	0.000		0	N.D. d		
15) 2-Chloronaphthalene	0.000		0	N.D. d		
17) Acenaphthylene	0.000		0	N.D.		
19) Acenaphthene	0.000		0	N.D. d		
21) Fluorene	0.000		0	N.D. d		
25) Hexachlorobenzene	0.000		0	N.D. d		
26) Pentachlorophenol	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-01.D
Acq On : 03 Apr 2026 01:43 pm
Operator : SV125:slr
Sample : L2617421-01,32,,rp
Misc : WG2193582,WG2192861,ical2846
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 09 10:00:25 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
33) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Chrysene	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	0.000		0	N.D.	d	
39) Benzo[k]fluoranthene	0.000		0	N.D.	d	
40) Benzo[a]pyrene	0.000		0	N.D.	d	
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
42) Dibenzo[a,h]anthracene	0.000		0	N.D.		
43) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

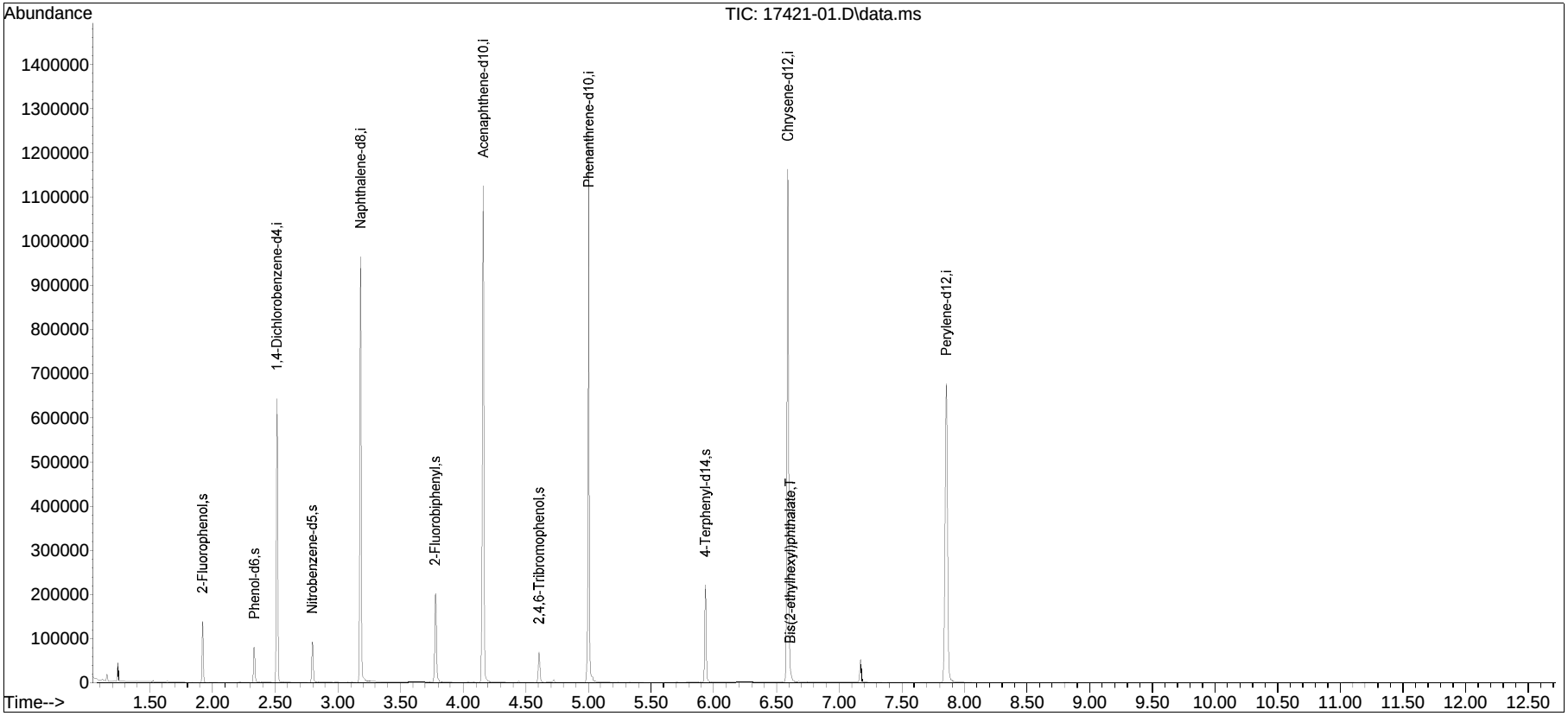
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-01.D
Acq On : 03 Apr 2026 01:43 pm
Operator : SV125:slr
Sample : L2617421-01,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 09 10:00:25 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\260403RVTQ	Method	: SIM-RVT_251120_sv125.M
Data File	: 17421-01.D	Operator	: SV125:slr
Date Inj'd	: 4/3/2026 1:43 pm	Instrument	: SV125
Sample	: L2617421-01,32,,rp	Quant Date	: 4/3/2026 2:01 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-02.D
Acq On : 03 Apr 2026 02:00 pm
Operator : SV125:slr
Sample : L2617421-02,32,,rp
Misc : WG2193582,WG2192861,ical2846
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 10:03:13 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.515	152	175281	4000.000	ng/ml	0.00
Standard Area 1 = 169063			Recovery = 103.68%			
9) Naphthalene-d8	3.180	136	655910	4000.000	ng/ml	0.00
Standard Area 1 = 637005			Recovery = 102.97%			
18) Acenaphthene-d10	4.160	164	396661	4000.000	ng/ml	0.00
Standard Area 1 = 379032			Recovery = 104.65%			
23) Phenanthrene-d10	5.004	188	852793	4000.000	ng/ml	0.00
Standard Area 1 = 826093			Recovery = 103.23%			
32) Chrysene-d12	6.590	240	862762	4000.000	ng/ml	-0.02
Standard Area 1 = 678891			Recovery = 127.08%			
37) Perylene-d12	7.857	264	687877	4000.000	ng/ml	-0.02
Standard Area 1 = 785196			Recovery = 87.61%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.923	112	37580	796.469	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 39.82%			
4) Phenol-d6	2.332	99	33372	573.425	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 28.67%			
8) Nitrobenzene-d5	2.797	82	27965	541.019	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 54.10%			
14) 2-Fluorobiphenyl	3.778	172	84932	598.204	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 59.82%			
22) 2,4,6-Tribromophenol	4.610	330	24479	1119.997	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 56.00%			
31) 4-Terphenyl-d14	5.932	244	127982	700.836	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 70.08%			

Target Compounds			Qvalue
7) Hexachloroethane	0.000	0	N.D.
10) Naphthalene	0.000	0	N.D. d
11) Hexachlorobutadiene	0.000	0	N.D.
12) 2-Methylnaphthalene	0.000	0	N.D.
15) 2-Chloronaphthalene	0.000	0	N.D.
17) Acenaphthylene	0.000	0	N.D.
19) Acenaphthene	0.000	0	N.D. d
21) Fluorene	0.000	0	N.D. d
25) Hexachlorobenzene	0.000	0	N.D.
26) Pentachlorophenol	0.000	0	N.D. d

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-02.D
Acq On : 03 Apr 2026 02:00 pm
Operator : SV125:slr
Sample : L2617421-02,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 10:03:13 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
33) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Chrysene	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	0.000		0	N.D.	d	
39) Benzo[k]fluoranthene	0.000		0	N.D.	d	
40) Benzo[a]pyrene	0.000		0	N.D.	d	
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
42) Dibenzo[a,h]anthracene	0.000		0	N.D.		
43) Benzo[g,h,i]perylene	0.000		0	N.D.		

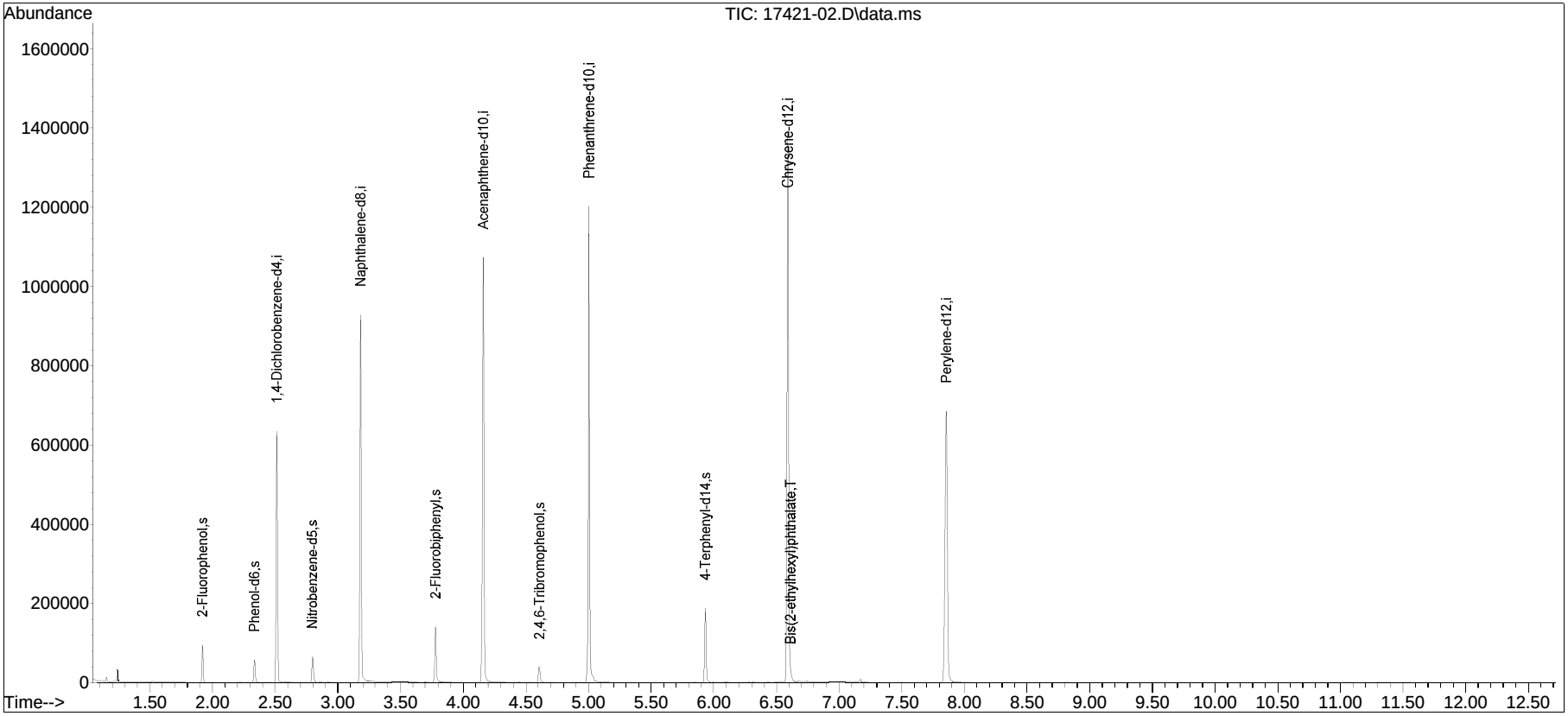
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-02.D
Acq On : 03 Apr 2026 02:00 pm
Operator : SV125:slr
Sample : L2617421-02,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 10:03:13 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\260403RVTQ	Method	: SIM-RVT_251120_sv125.M
Data File	: 17421-02.D	Operator	: SV125:slr
Date Inj'd	: 4/3/2026 2:00 pm	Instrument	: SV125
Sample	: L2617421-02,32,,rp	Quant Date	: 4/3/2026 2:18 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-03.D
Acq On : 03 Apr 2026 02:18 pm
Operator : SV125:slr
Sample : L2617421-03,32,,rp
Misc : WG2193582,WG2192861,ical2846
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 09 10:06:26 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.514	152	181105	4000.000	ng/ml	0.00
Standard Area 1 = 169063			Recovery	= 107.12%		
9) Naphthalene-d8	3.180	136	696353	4000.000	ng/ml	0.00
Standard Area 1 = 637005			Recovery	= 109.32%		
18) Acenaphthene-d10	4.160	164	412155	4000.000	ng/ml	0.00
Standard Area 1 = 379032			Recovery	= 108.74%		
23) Phenanthrene-d10	5.005	188	804802	4000.000	ng/ml	0.00
Standard Area 1 = 826093			Recovery	= 97.42%		
32) Chrysene-d12	6.600	240	562484	4000.000	ng/ml	-0.01
Standard Area 1 = 678891			Recovery	= 82.85%		
37) Perylene-d12	7.873	264	566544	4000.000	ng/ml	0.00
Standard Area 1 = 785196			Recovery	= 72.15%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.922	112	40205	824.701	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 41.24%		
4) Phenol-d6	2.335	99	35525	590.789	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 29.54%		
8) Nitrobenzene-d5	2.796	82	31322	586.477	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 58.65%		
14) 2-Fluorobiphenyl	3.778	172	103652	687.655	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 68.77%		
22) 2,4,6-Tribromophenol	4.610	330	35692	1571.640	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 78.58%		
31) 4-Terphenyl-d14	5.937	244	105719	613.444	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 61.34%		
Target Compounds						Qvalue
7) Hexachloroethane	0.000		0	N.D.	d	
10) Naphthalene	0.000		0	N.D.	d	
11) Hexachlorobutadiene	0.000		0	N.D.	d	
12) 2-Methylnaphthalene	0.000		0	N.D.	d	
15) 2-Chloronaphthalene	0.000		0	N.D.	d	
17) Acenaphthylene	0.000		0	N.D.	d	
19) Acenaphthene	0.000		0	N.D.	d	
21) Fluorene	0.000		0	N.D.	d	
25) Hexachlorobenzene	0.000		0	N.D.	d	
26) Pentachlorophenol	4.905	266	120M6	16.751	ng/ml	

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-03.D
Acq On : 03 Apr 2026 02:18 pm
Operator : SV125:slr
Sample : L2617421-03,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 09 10:06:26 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	5.047	178	3076	13.352	ng/ml#	84
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	5.839	202	1747	6.248	ng/ml	100
33) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Chrysene	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	0.000		0	N.D.	d	
39) Benzo[k]fluoranthene	0.000		0	N.D.	d	
40) Benzo[a]pyrene	0.000		0	N.D.	d	
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
42) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
43) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

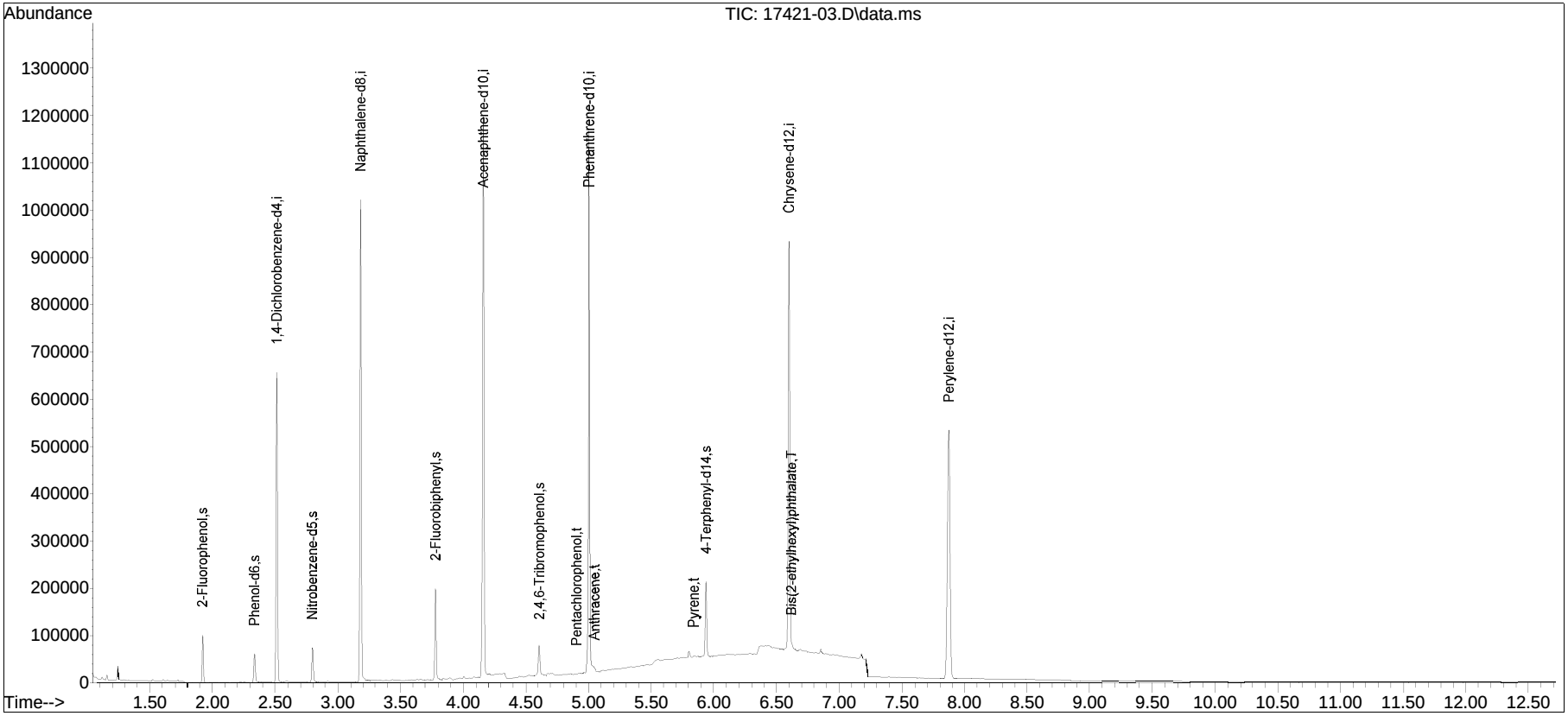
(#) = qualifier out of range (m) = manual integration (+) = signals summed

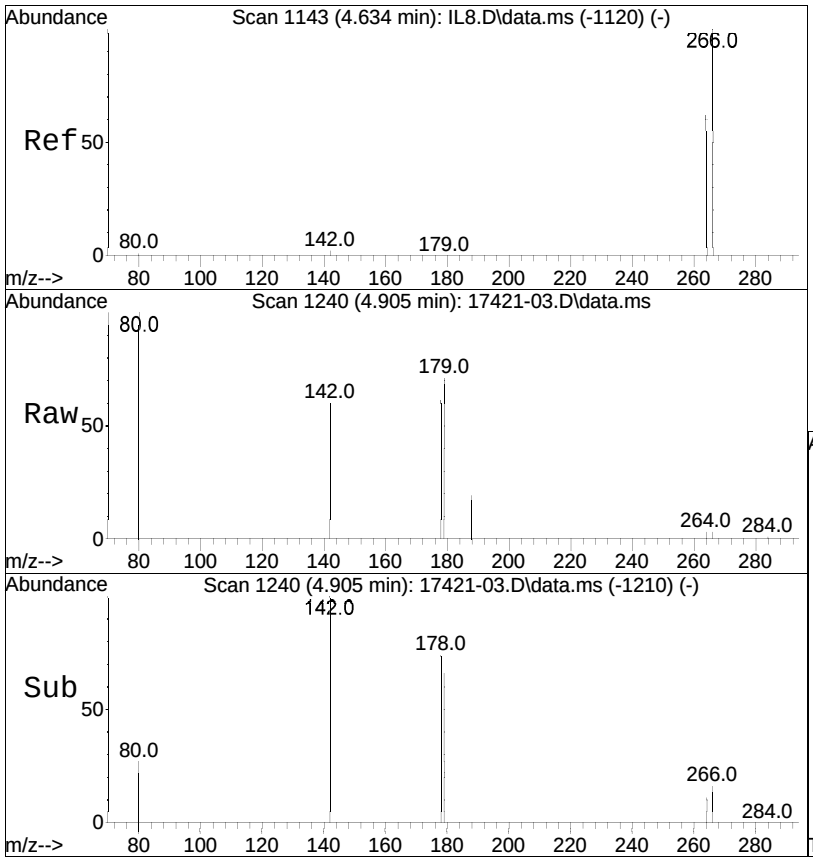
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-03.D
Acq On : 03 Apr 2026 02:18 pm
Operator : SV125:slr
Sample : L2617421-03,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 09 10:06:26 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•

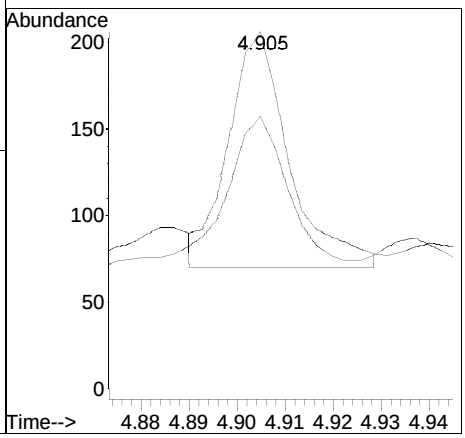


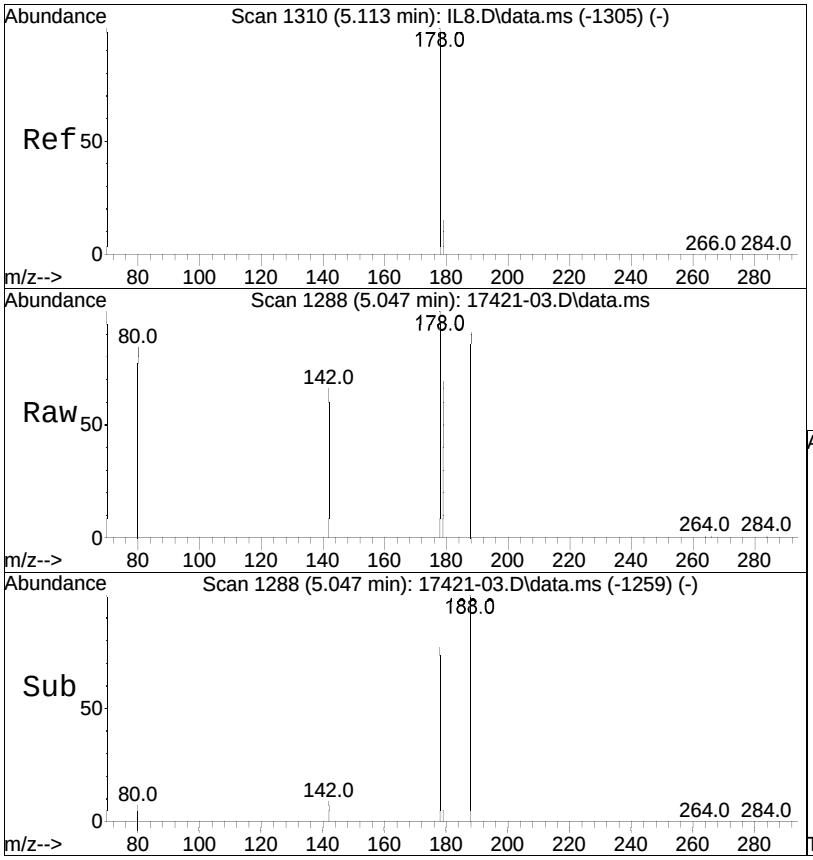


#26
Pentachlorophenol
Concen: 16.75 ng/ml M6
RT: 4.905 min Scan# 1240
Delta R.T. 0.008 min
Lab File: 17421-03.D
Acq: 03 Apr 2026 02:18 pm

Tgt Ion:266 Resp: 120

Ion	Ratio	Lower	Upper
266	100		
264	70.0	50.6	76.0

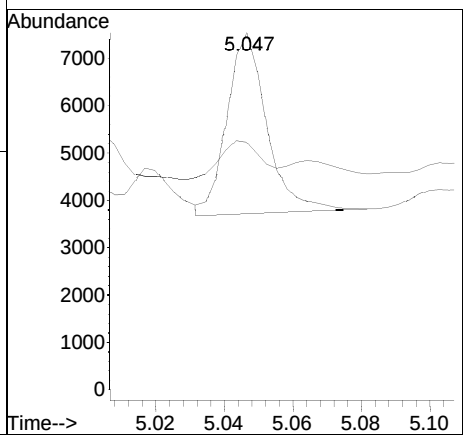


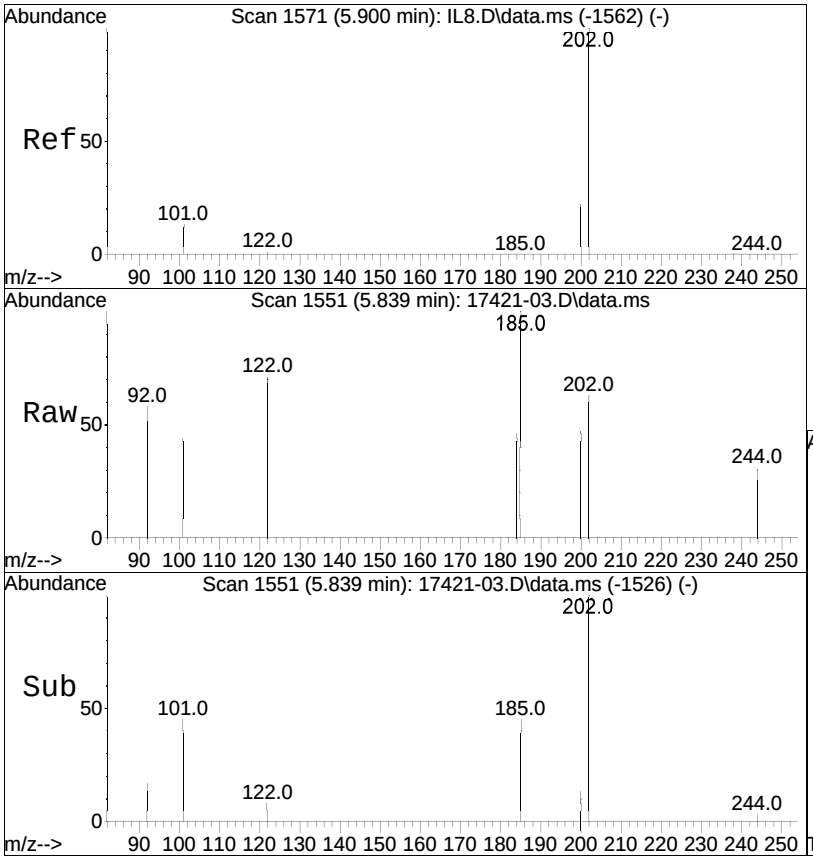


#28
Anthracene
Concen: 13.35 ng/ml
RT: 5.047 min Scan# 1288
Delta R.T. 0.005 min
Lab File: 17421-03.D
Acq: 03 Apr 2026 02:18 pm

Tgt Ion:178 Resp: 3076

Ion	Ratio	Lower	Upper
178	100		
179	22.2	12.3	18.5#

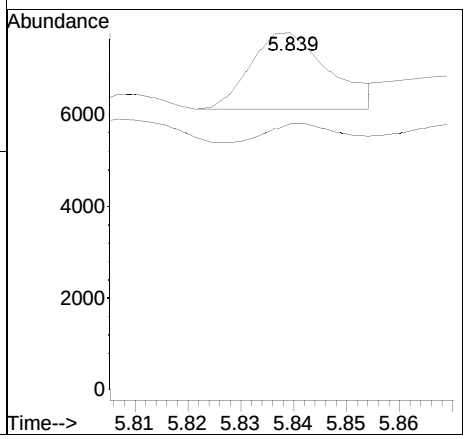




#30
Pyrene
Concen: 6.25 ng/ml
RT: 5.839 min Scan# 1551
Delta R.T. -0.007 min
Lab File: 17421-03.D
Acq: 03 Apr 2026 02:18 pm

Tgt Ion:202 Resp: 1747

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6

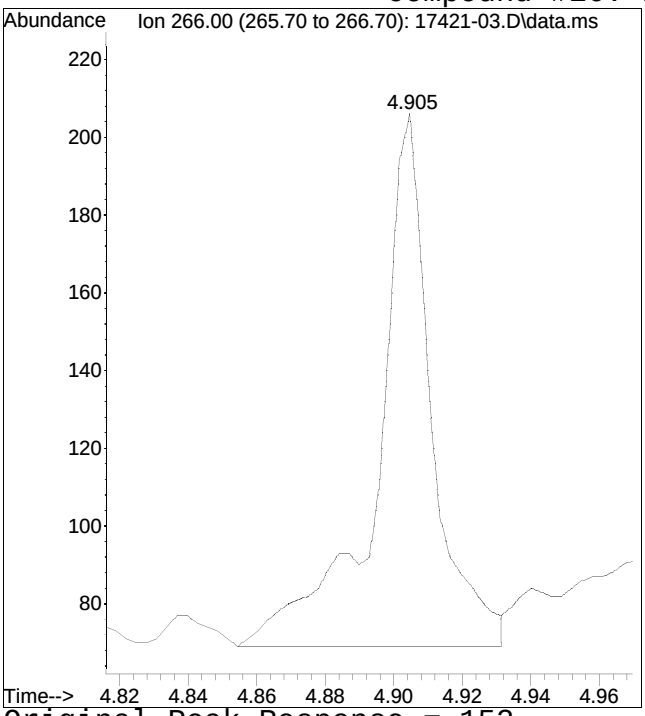


Manual Integration Report

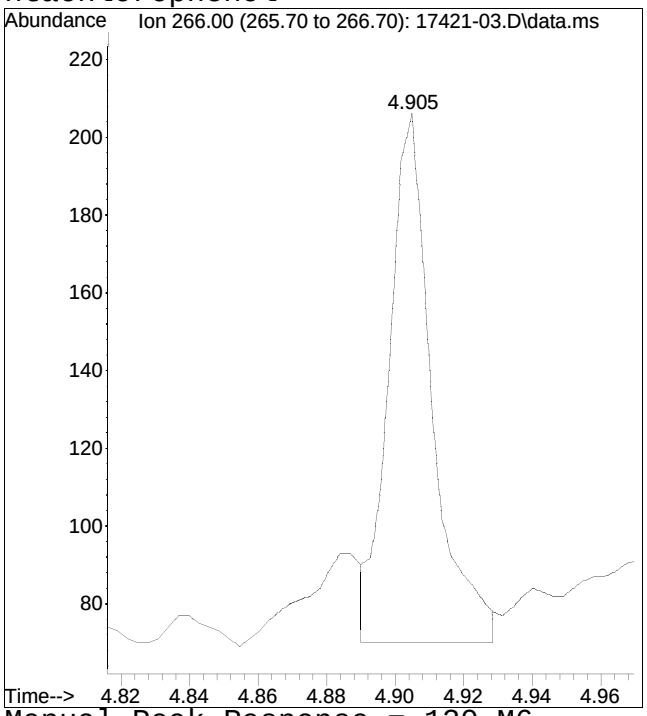
Data Path : I:\8270SIM\SV125\260403RVTQ
Data File : 17421-03.D
Date Inj'd : 4/3/2026 2:18 pm
Sample : L2617421-03,32,,rp

Method : SIM-RVT_251120_sv125.M
Operator : SV125:slr
Instrument : SV125
Quant Date : 4/3/2026 2:35 pm

Compound #26: Pentachlorophenol



Original Peak Response = 152



Manual Peak Response = 120 M6

M6 = Misassignment of peak valley

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-04.D
Acq On : 03 Apr 2026 03:09 pm
Operator : SV125:slr
Sample : L2617421-04,32,,rp
Misc : WG2193582,WG2192861,ical2846
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 10:08:49 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.515	152	180257	4000.000	ng/ml	0.00
Standard Area 1 = 169063			Recovery	= 106.62%		
9) Naphthalene-d8	3.180	136	681580	4000.000	ng/ml	0.00
Standard Area 1 = 637005			Recovery	= 107.00%		
18) Acenaphthene-d10	4.160	164	411950	4000.000	ng/ml	0.00
Standard Area 1 = 379032			Recovery	= 108.68%		
23) Phenanthrene-d10	5.003	188	844200	4000.000	ng/ml	0.00
Standard Area 1 = 826093			Recovery	= 102.19%		
32) Chrysene-d12	6.595	240	698960	4000.000	ng/ml	-0.02
Standard Area 1 = 678891			Recovery	= 102.96%		
37) Perylene-d12	7.864	264	699385	4000.000	ng/ml	-0.01
Standard Area 1 = 785196			Recovery	= 89.07%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.928	112	47593	980.840	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 49.04%		
4) Phenol-d6	2.338	99	42526	710.545	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 35.53%		
8) Nitrobenzene-d5	2.799	82	36029	677.785	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 67.78%		
14) 2-Fluorobiphenyl	3.781	172	107952	731.705	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 73.17%		
22) 2,4,6-Tribromophenol	4.609	330	34990	1541.495	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 77.07%		
31) 4-Terphenyl-d14	5.935	244	123165	681.323	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 68.13%		
Target Compounds						Qvalue
7) Hexachloroethane	0.000		0	N.D. d		
10) Naphthalene	0.000		0	N.D. d		
11) Hexachlorobutadiene	0.000		0	N.D.		
12) 2-Methylnaphthalene	0.000		0	N.D. d		
15) 2-Chloronaphthalene	0.000		0	N.D. d		
17) Acenaphthylene	0.000		0	N.D. d		
19) Acenaphthene	4.179	153	773M6	5.560	ng/ml	
21) Fluorene	4.472	166	2627	16.227	ng/ml	100
25) Hexachlorobenzene	0.000		0	N.D. d		
26) Pentachlorophenol	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-04.D
Acq On : 03 Apr 2026 03:09 pm
Operator : SV125:slr
Sample : L2617421-04,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 10:08:49 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	5.015	178	479M6	1.986	ng/ml	
28) Anthracene	5.045	178	884M6	3.658	ng/ml	
29) Fluoranthene	5.708	202	1465	5.162	ng/ml	98
30) Pyrene	5.841	202	1102	3.757	ng/ml	97
33) Benzo[a]anthracene	6.593	226	302M6	2.214	ng/ml	
35) Chrysene	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	0.000		0	N.D.	d	
39) Benzo[k]fluoranthene	0.000		0	N.D.	d	
40) Benzo[a]pyrene	0.000		0	N.D.	d	
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
42) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
43) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

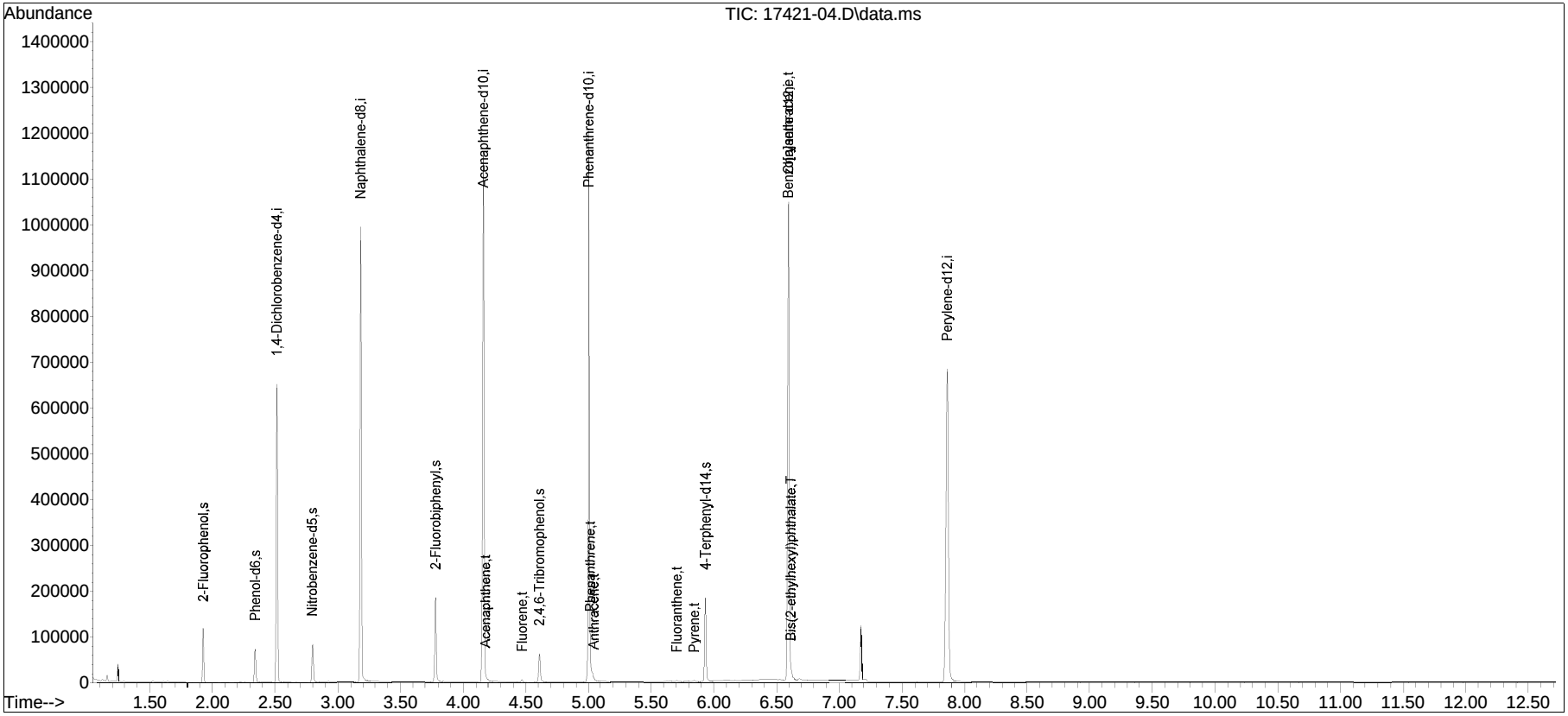
(#) = qualifier out of range (m) = manual integration (+) = signals summed

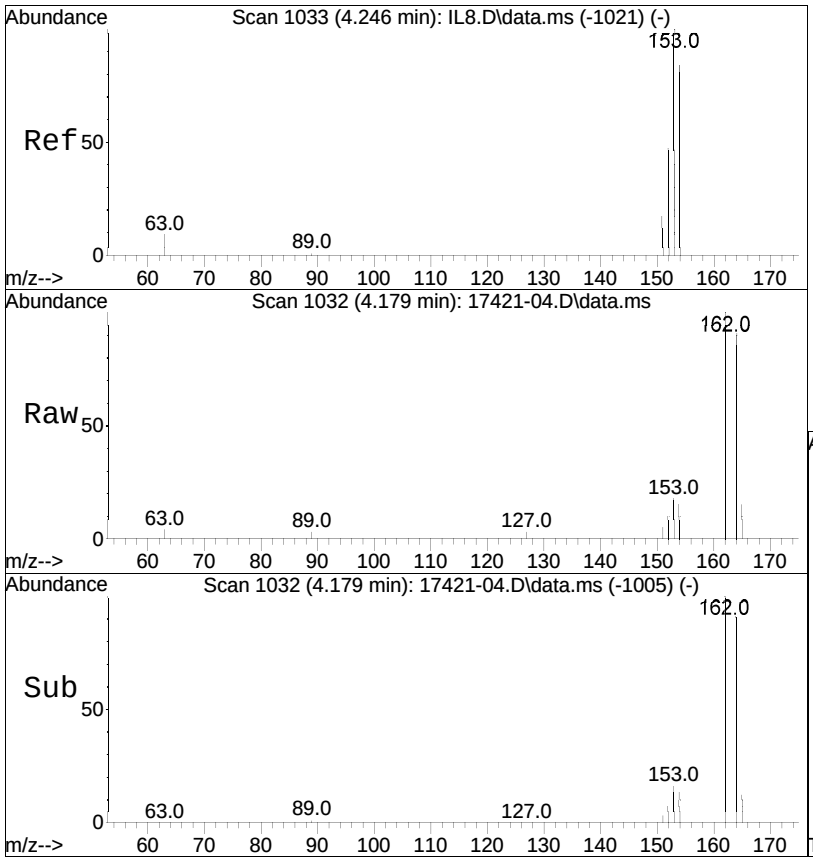
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-04.D
Acq On : 03 Apr 2026 03:09 pm
Operator : SV125:slr
Sample : L2617421-04,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 09 10:08:49 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•

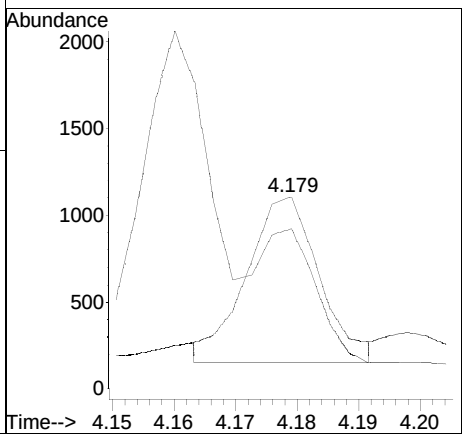


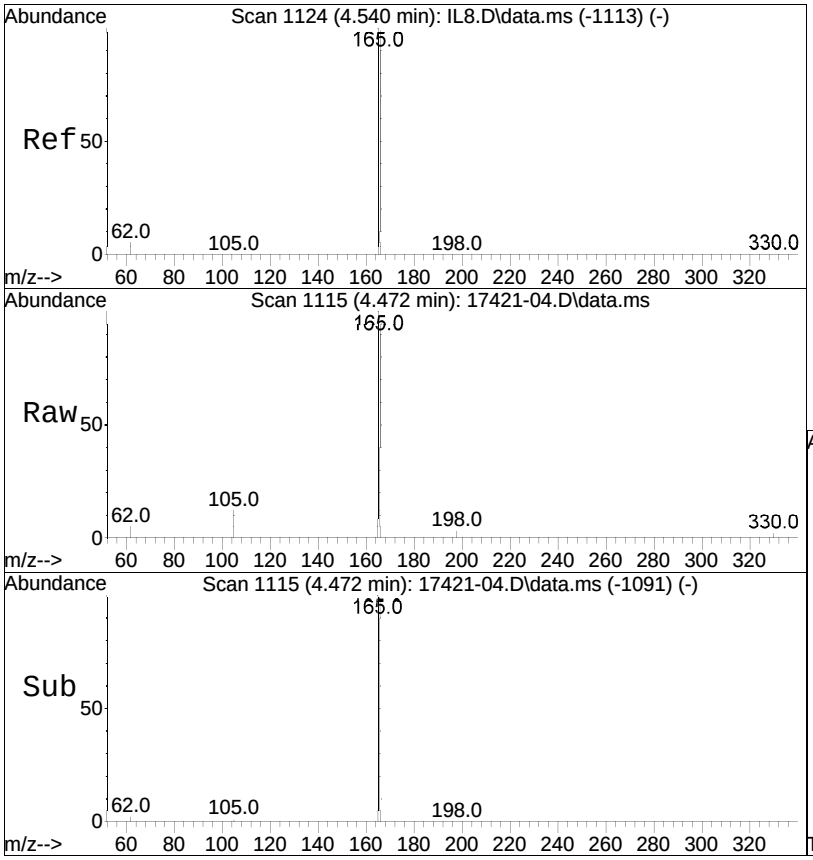


#19
Acenaphthene
Concen: 5.56 ng/ml M6
RT: 4.179 min Scan# 1032
Delta R.T. 0.006 min
Lab File: 17421-04.D
Acq: 03 Apr 2026 03:09 pm

Tgt Ion:153 Resp: 773

Ion	Ratio	Lower	Upper
153	100		
154	65.7	71.8	107.6#

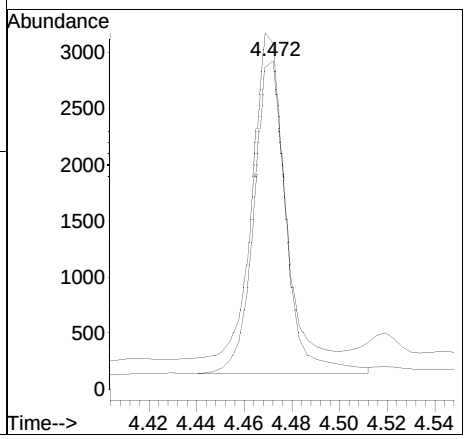


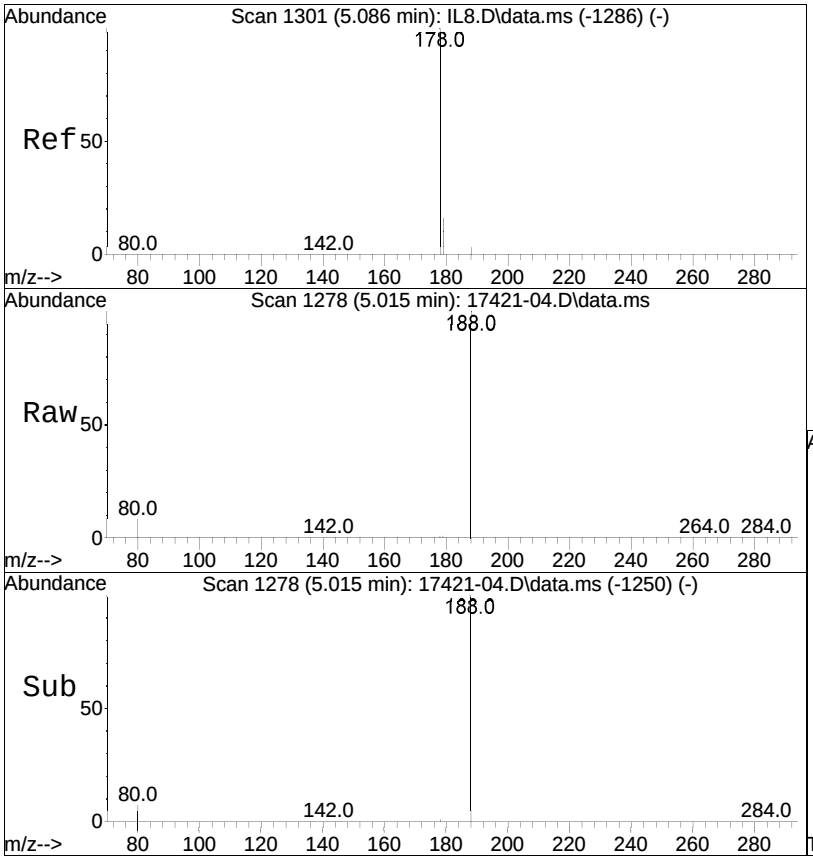


#21
Fluorene
Concen: 16.23 ng/ml
RT: 4.472 min Scan# 1115
Delta R.T. 0.007 min
Lab File: 17421-04.D
Acq: 03 Apr 2026 03:09 pm

Tgt Ion:166 Resp: 2627

Ion	Ratio	Lower	Upper
166	100		
165	103.2	82.9	124.3

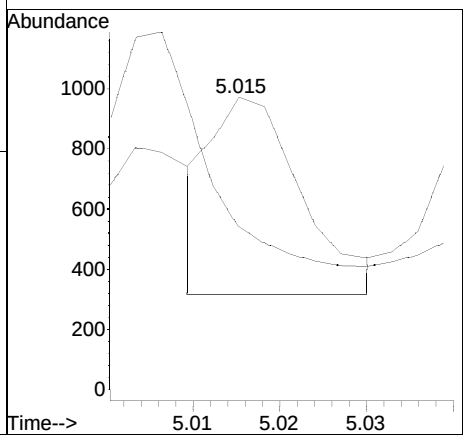


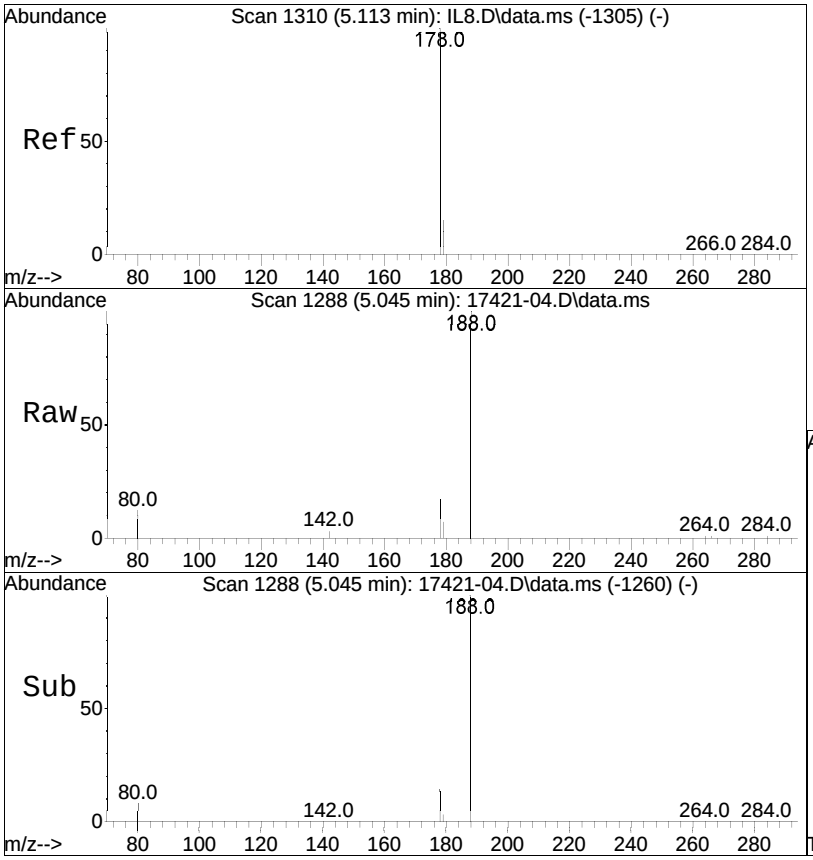


#27
Phenanthrene
Concen: 1.99 ng/ml M6
RT: 5.015 min Scan# 1278
Delta R.T. 0.003 min
Lab File: 17421-04.D
Acq: 03 Apr 2026 03:09 pm

Tgt Ion:178 Resp: 479

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.5	18.7

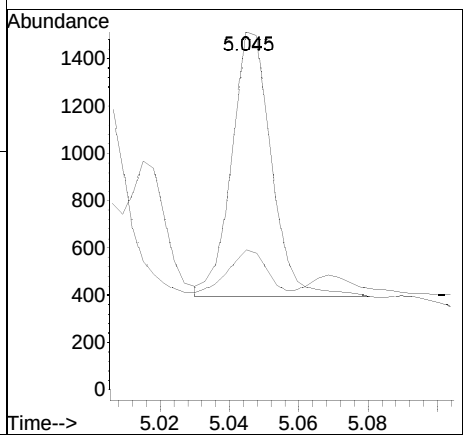


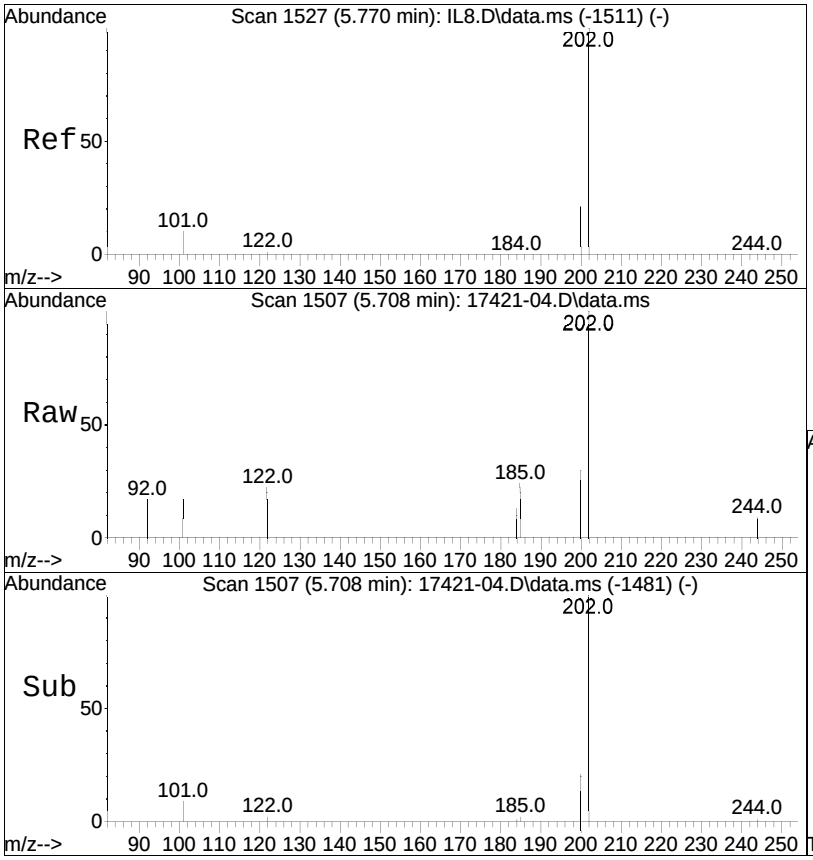


#28
Anthracene
Concen: 3.66 ng/ml M6
RT: 5.045 min Scan# 1288
Delta R.T. 0.003 min
Lab File: 17421-04.D
Acq: 03 Apr 2026 03:09 pm

Tgt Ion:178 Resp: 884

Ion	Ratio	Lower	Upper
178	100		
179	22.1	12.3	18.5#

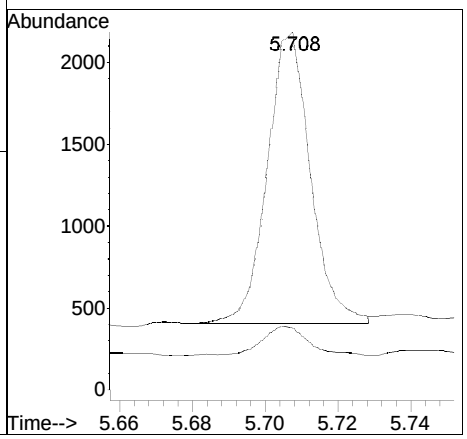


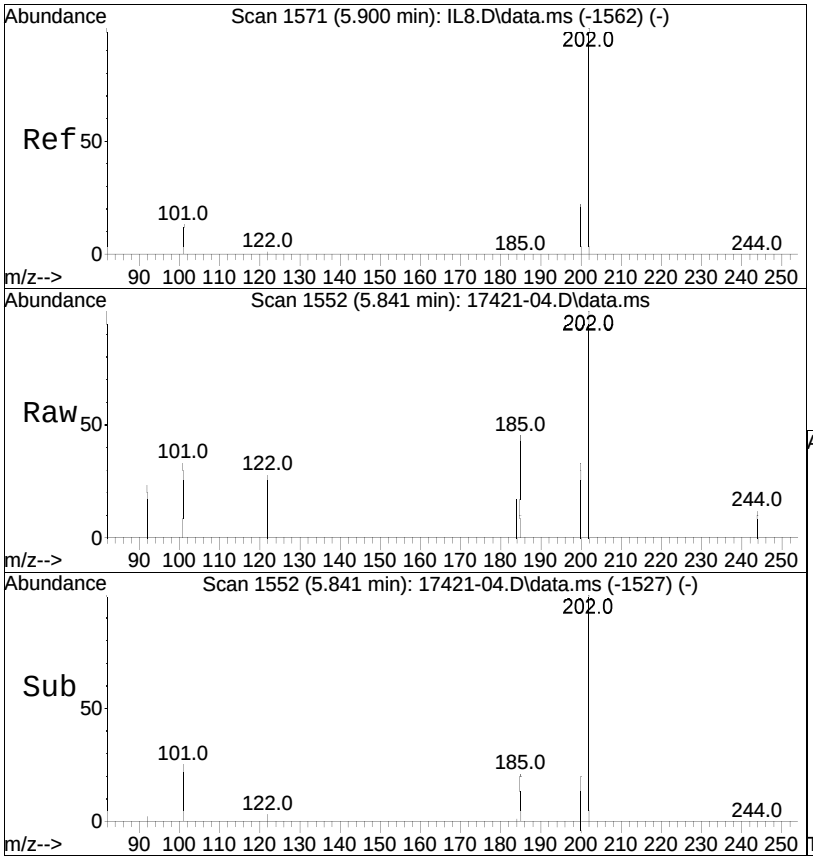


#29
Fluoranthene
Concen: 5.16 ng/ml
RT: 5.708 min Scan# 1507
Delta R.T. -0.003 min
Lab File: 17421-04.D
Acq: 03 Apr 2026 03:09 pm

Tgt Ion:202 Resp: 1465

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.3	12.5

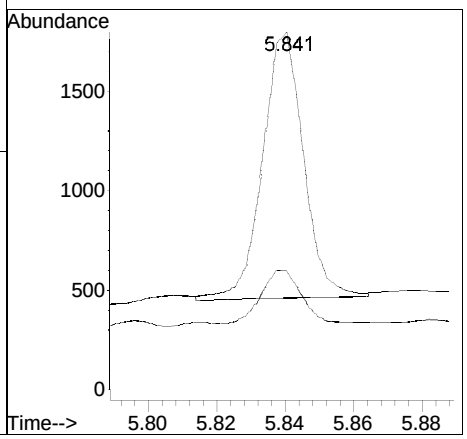


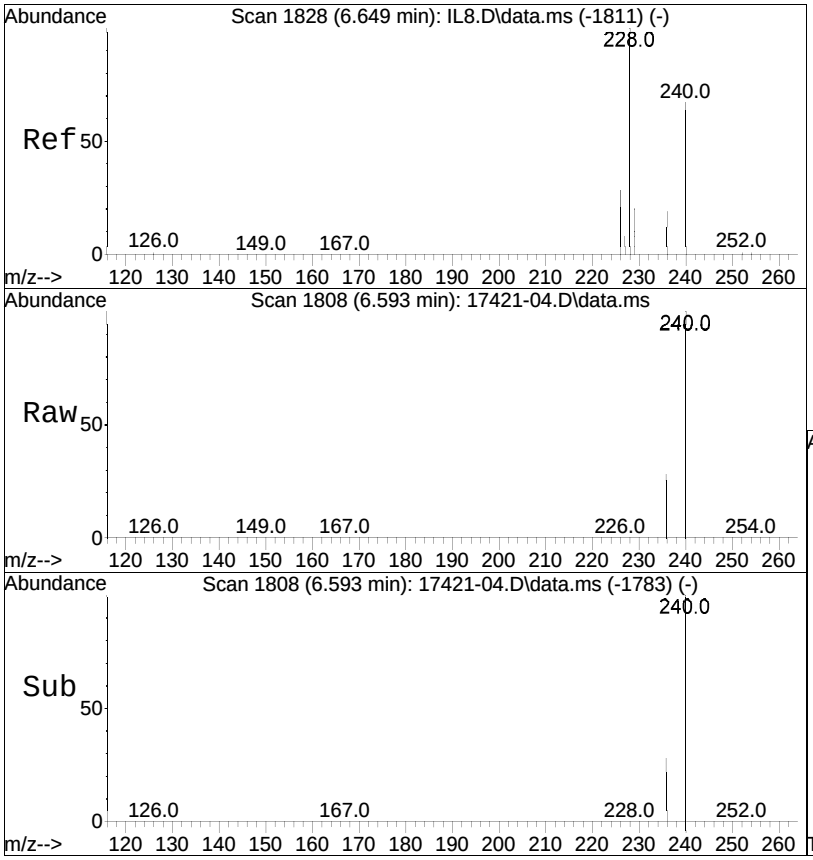


#30
Pyrene
Concen: 3.76 ng/ml
RT: 5.841 min Scan# 1552
Delta R.T. -0.006 min
Lab File: 17421-04.D
Acq: 03 Apr 2026 03:09 pm

Tgt Ion:202 Resp: 1102

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.6

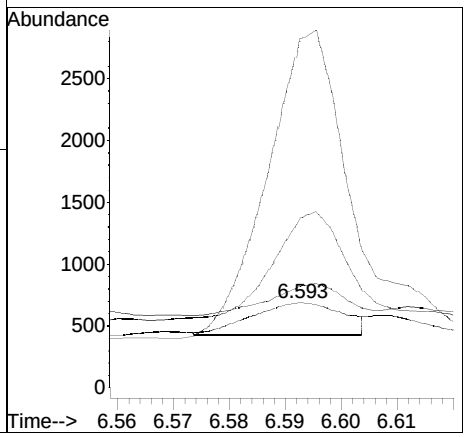




#33
Benzo[a]anthracene
Concen: 2.21 ng/ml M6
RT: 6.593 min Scan# 1808
Delta R.T. -0.011 min
Lab File: 17421-04.D
Acq: 03 Apr 2026 03:09 pm

Tgt Ion:226 Resp: 302

Ion	Ratio	Lower	Upper
226	100		
227	75.8	23.5	35.3#
228	900.7	283.8	425.8#
229	280.8	55.5	83.3#

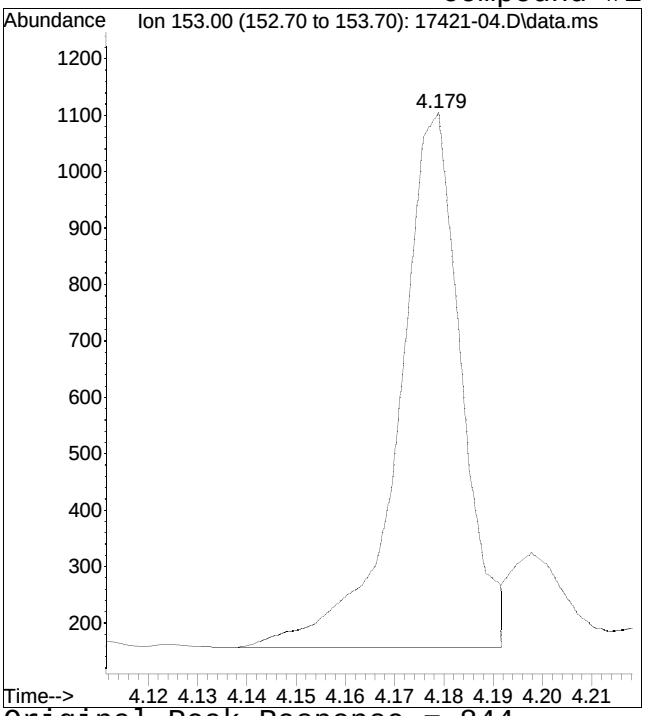


Manual Integration Report

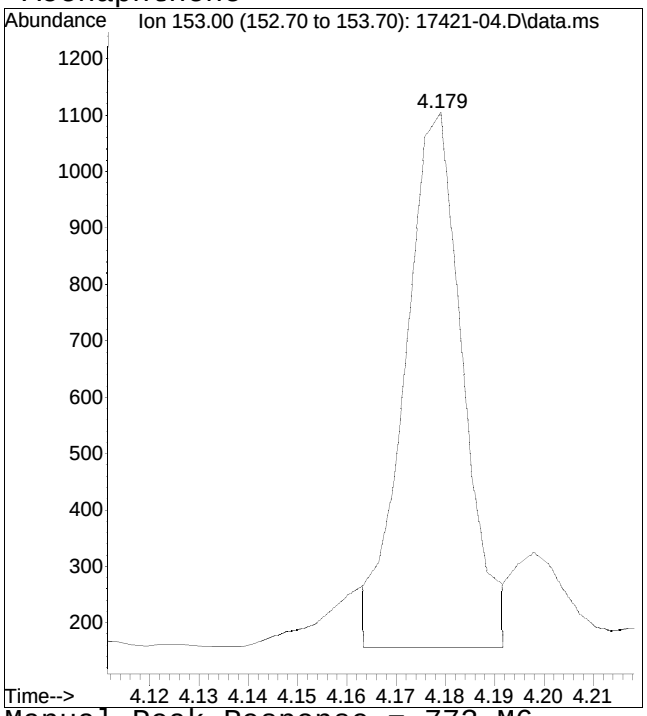
Data Path : I:\8270SIM\SV125\260403RVTQ
Data File : 17421-04.D
Date Inj'd : 4/3/2026 3:09 pm
Sample : L2617421-04,32,,rp

Method : SIM-RVT_251120_sv125.M
Operator : SV125:slr
Instrument : SV125
Quant Date : 4/3/2026 3:27 pm

Compound #19: Acenaphthene



Original Peak Response = 844



Manual Peak Response = 773 M6

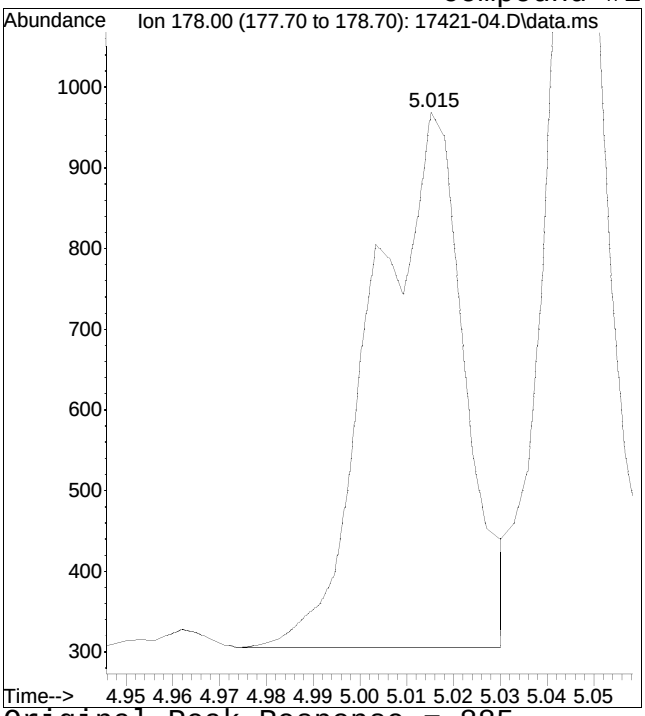
M6 = Misassignment of peak valley

Manual Integration Report

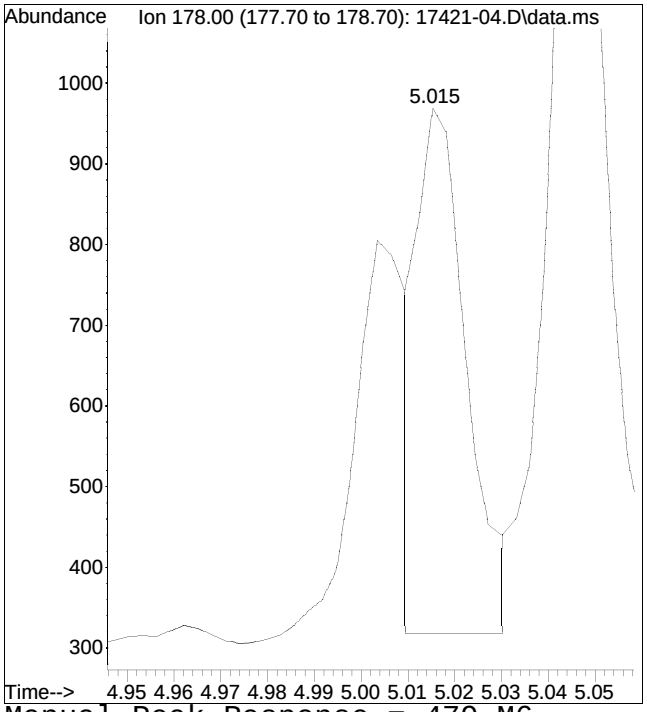
Data Path : I:\8270SIM\SV125\260403RVTQ
Data File : 17421-04.D
Date Inj'd : 4/3/2026 3:09 pm
Sample : L2617421-04,32,,rp

Method : SIM-RVT_251120_sv125.M
Operator : SV125:slr
Instrument : SV125
Quant Date : 4/3/2026 3:27 pm

Compound #27: Phenanthrene



Original Peak Response = 885



Manual Peak Response = 479 M6

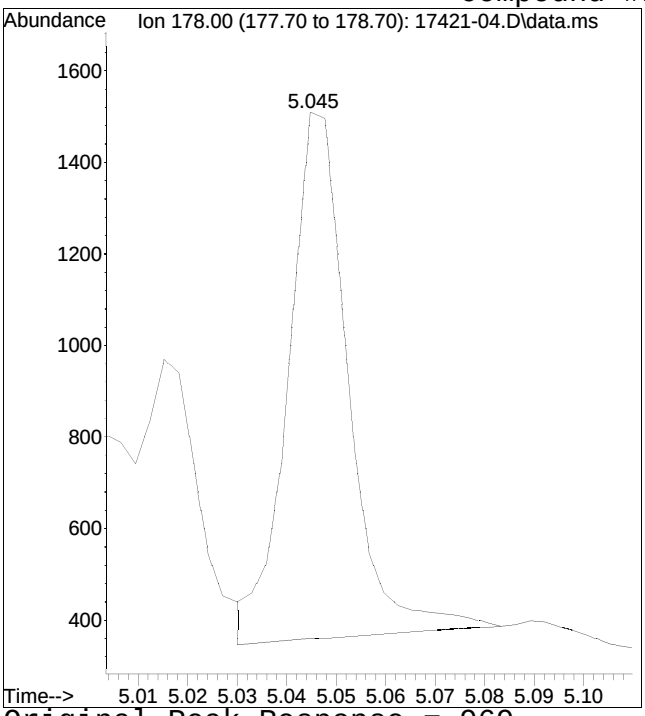
M6 = Misassignment of peak valley

Manual Integration Report

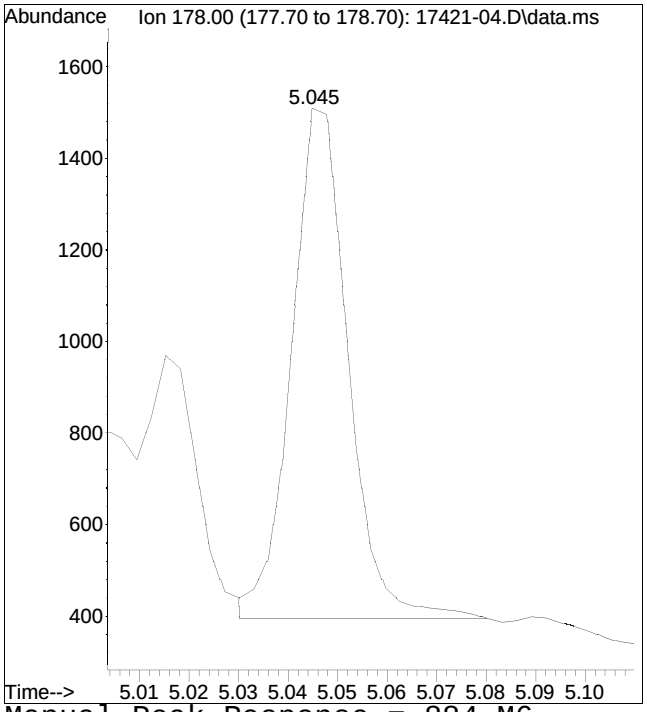
Data Path : I:\8270SIM\SV125\260403RVTQ
Data File : 17421-04.D
Date Inj'd : 4/3/2026 3:09 pm
Sample : L2617421-04,32,,rp

Method : SIM-RVT_251120_sv125.M
Operator : SV125:slr
Instrument : SV125
Quant Date : 4/3/2026 3:27 pm

Compound #28: Anthracene



Original Peak Response = 969



Manual Peak Response = 884 M6

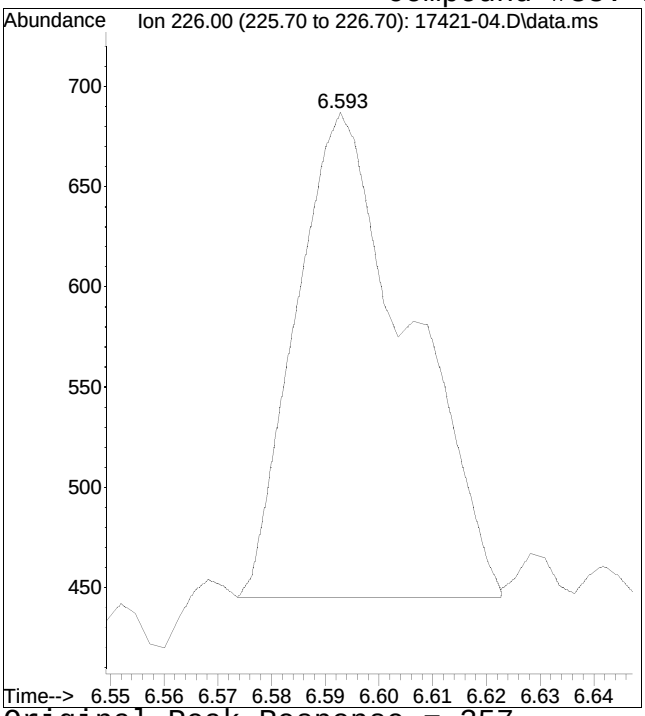
M6 = Misassignment of peak valley

Manual Integration Report

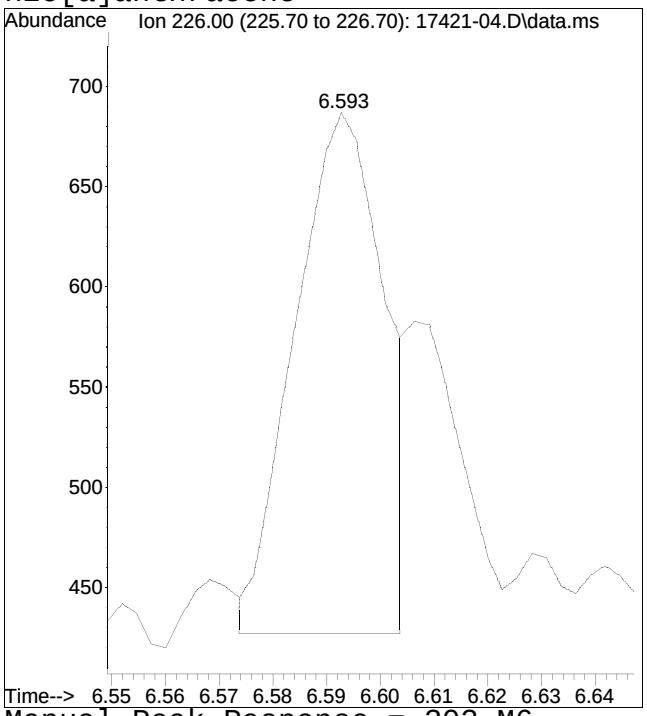
Data Path : I:\8270SIM\SV125\260403RVTQ
Data File : 17421-04.D
Date Inj'd : 4/3/2026 3:09 pm
Sample : L2617421-04,32,,rp

Method : SIM-RVT_251120_sv125.M
Operator : SV125:slr
Instrument : SV125
Quant Date : 4/3/2026 3:27 pm

Compound #33: Benzo[a]anthracene



Original Peak Response = 357



Manual Peak Response = 302 M6

M6 = Misassignment of peak valley

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-05.D
Acq On : 03 Apr 2026 03:27 pm
Operator : SV125:slr
Sample : L2617421-05,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 10:17:32 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.517	152	191240M2	4000.000	ng/ml	0.00
Standard Area 1 = 169063			Recovery = 113.12%			
9) Naphthalene-d8	3.181	136	736868	4000.000	ng/ml	0.00
Standard Area 1 = 637005			Recovery = 115.68%			
18) Acenaphthene-d10	4.162	164	433036	4000.000	ng/ml	0.00
Standard Area 1 = 379032			Recovery = 114.25%			
23) Phenanthrene-d10	5.006	188	940701	4000.000	ng/ml	0.00
Standard Area 1 = 826093			Recovery = 113.87%			
32) Chrysene-d12	6.598	240	690905	4000.000	ng/ml	-0.01
Standard Area 1 = 678891			Recovery = 101.77%			
37) Perylene-d12	7.876	264	581767	4000.000	ng/ml	0.00
Standard Area 1 = 785196			Recovery = 74.09%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.925	112	50682	984.515	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery = 49.23%			
4) Phenol-d6	2.337	99	43418	683.786	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery = 34.19%			
8) Nitrobenzene-d5	2.798	82	39225	695.531	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 69.55%			
14) 2-Fluorobiphenyl	3.779	172	116779	732.145	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 73.21%			
22) 2,4,6-Tribromophenol	4.609	330	37655	1578.125	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 78.91%			
31) 4-Terphenyl-d14	5.934	244	134013	665.283	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 66.53%			

Target Compounds			Qvalue
7) Hexachloroethane	0.000	0	N.D. d
10) Naphthalene	0.000	0	N.D. d
11) Hexachlorobutadiene	0.000	0	N.D.
12) 2-Methylnaphthalene	0.000	0	N.D. d
15) 2-Chloronaphthalene	0.000	0	N.D. d
17) Acenaphthylene	0.000	0	N.D. d
19) Acenaphthene	0.000	0	N.D. d
21) Fluorene	0.000	0	N.D. d
25) Hexachlorobenzene	0.000	0	N.D. d
26) Pentachlorophenol	0.000	0	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-05.D
Acq On : 03 Apr 2026 03:27 pm
Operator : SV125:slr
Sample : L2617421-05,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 10:17:32 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	5.047	178	3899	14.480	ng/ml#	89
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	5.837	202	1585	4.850	ng/ml#	89
33) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Chrysene	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	0.000		0	N.D.	d	
39) Benzo[k]fluoranthene	0.000		0	N.D.	d	
40) Benzo[a]pyrene	0.000		0	N.D.	d	
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
42) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
43) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

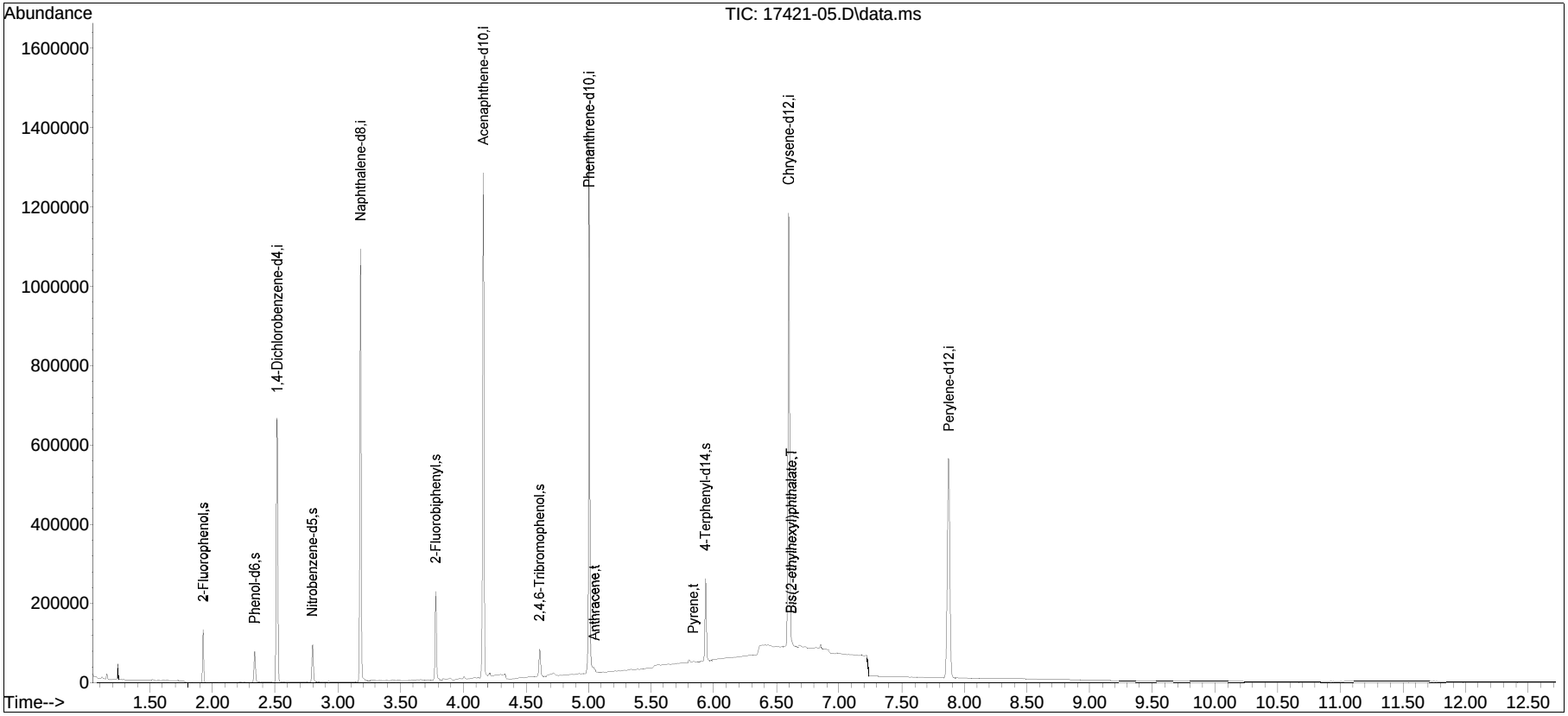
(#) = qualifier out of range (m) = manual integration (+) = signals summed

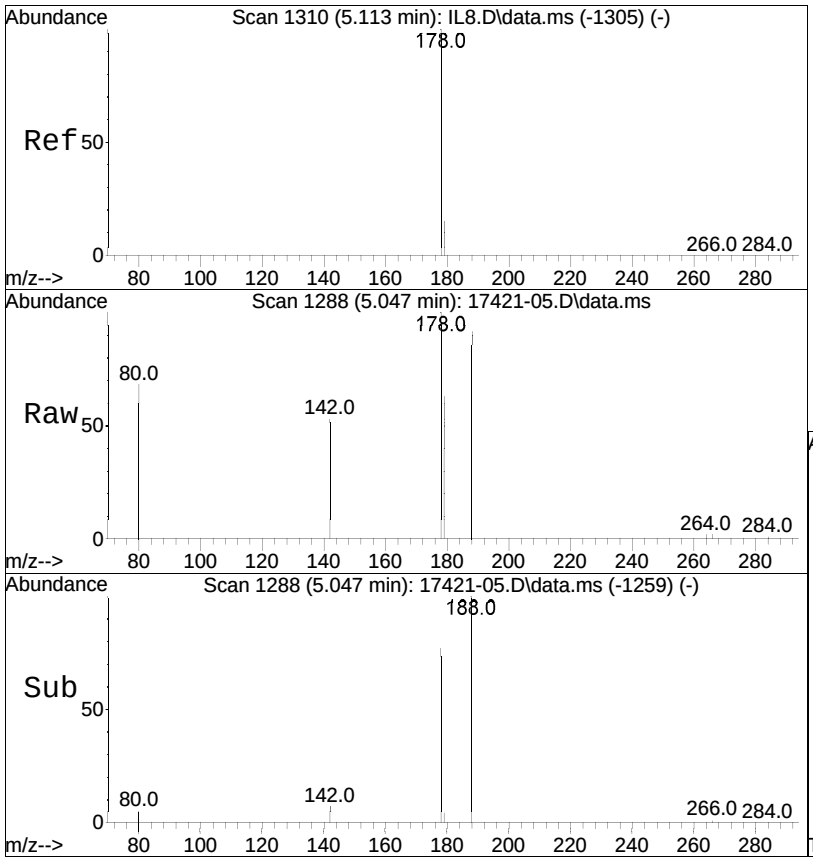
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 17421-05.D
Acq On : 03 Apr 2026 03:27 pm
Operator : SV125:slr
Sample : L2617421-05,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 10:17:32 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•

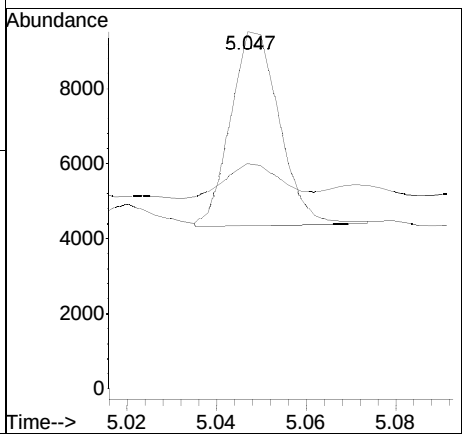


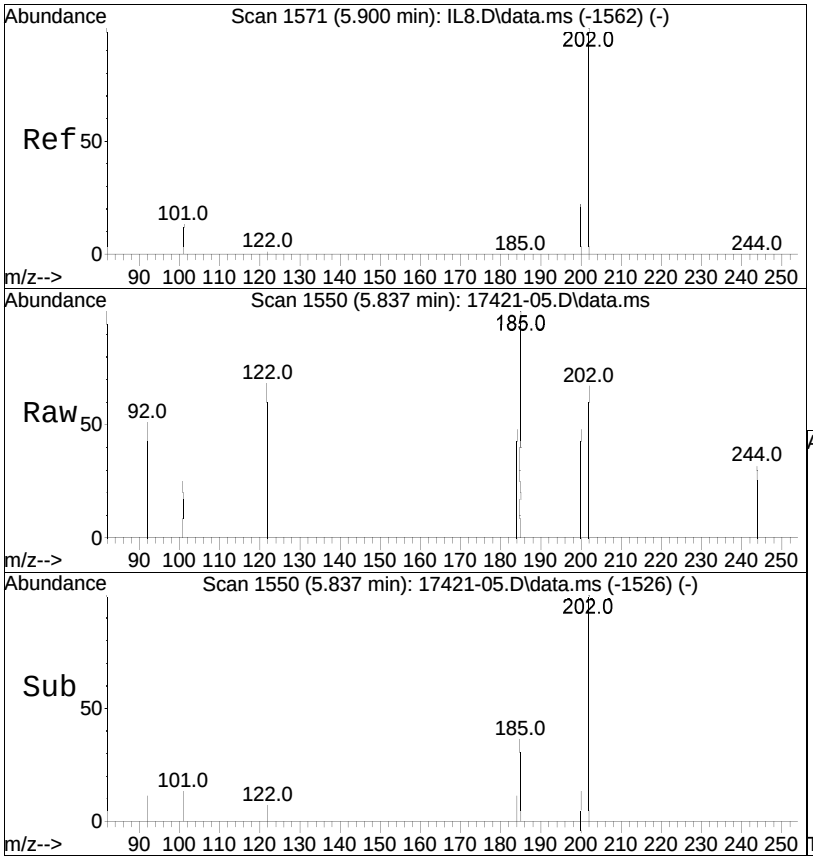


#28
Anthracene
Concen: 14.48 ng/ml
RT: 5.047 min Scan# 1288
Delta R.T. 0.005 min
Lab File: 17421-05.D
Acq: 03 Apr 2026 03:27 pm

Tgt Ion:178 Resp: 3899

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.3	18.5#

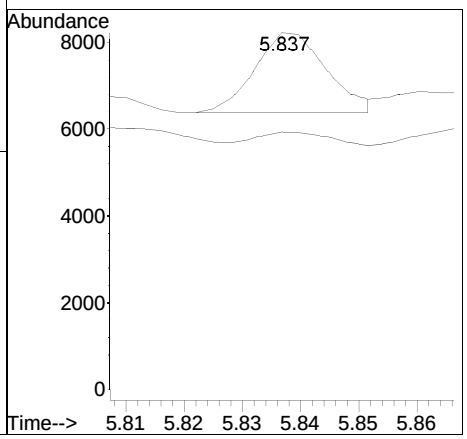




#30
Pyrene
Concen: 4.85 ng/ml
RT: 5.837 min Scan# 1550
Delta R.T. -0.010 min
Lab File: 17421-05.D
Acq: 03 Apr 2026 03:27 pm

Tgt Ion:202 Resp: 1585

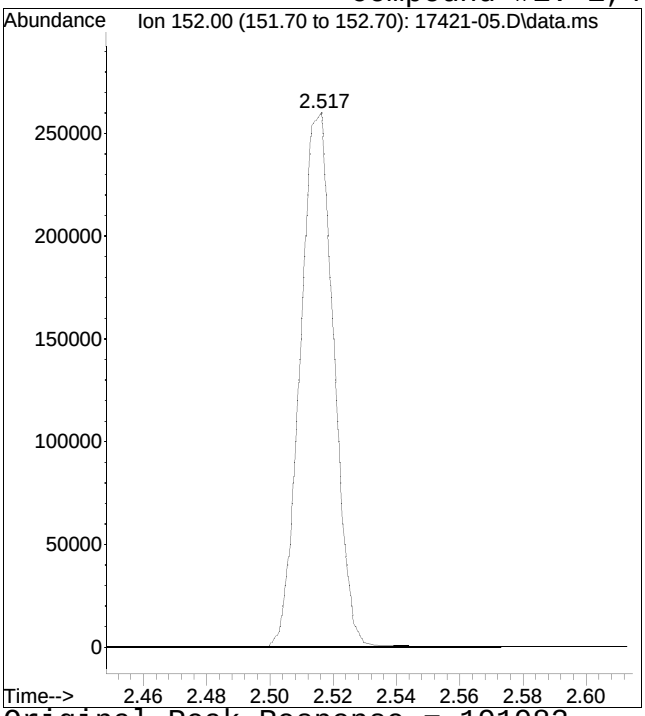
Ion	Ratio	Lower	Upper
202	100		
200	16.0	17.0	25.6#

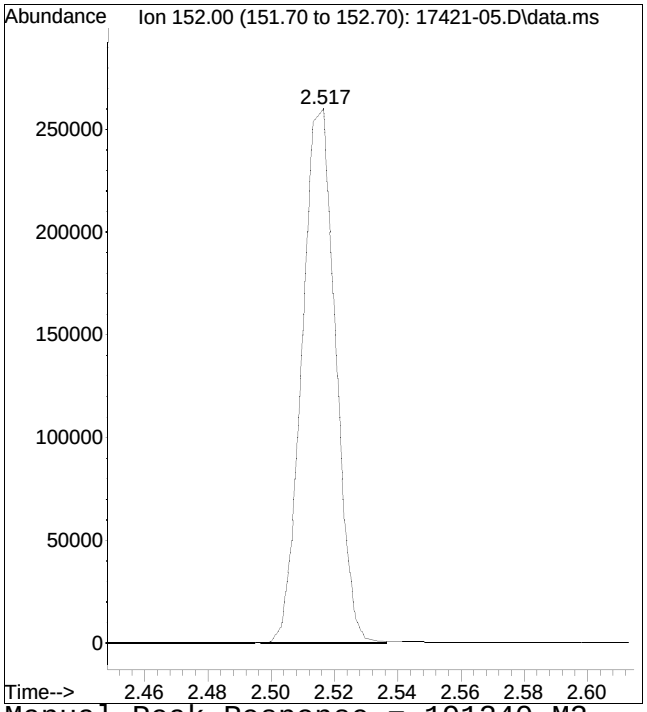


Manual Integration Report

Data Path : I:\8270SIM\SV125\260403RVTQMethod : SIM-RVT_251120_sv125.M
Data File : 17421-05.D Operator : SV125:slr
Date Inj'd : 4/3/2026 3:27 pm Instrument : SV125
Sample : L2617421-05,32,,rp Quant Date : 4/3/2026 3:44 pm

Compound #1: 1,4-Dichlorobenzene-d4





Original Peak Response = 191982 Manual Peak Response = 191240 M2
M2 = Peak was not identified by automatic integration

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL22846**
Calibration dates	**: 11/20/25 16:30 11/20/25 19:05**		

Calibration Files
L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D
L9 =IL9.D L10 =IL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	T	N-Nitrosodimethylamine				0.674	0.671	0.742	0.695	0.714	0.707	0.689	0.699	3.55
3)	s	2-Fluorophenol	1.272	1.144	1.015	1.048	1.021	1.117	1.053	1.057	1.029	1.012	1.077	7.54
4)	s	Phenol-d6		1.424	1.289	1.318	1.269	1.375	1.310	1.331	1.328	1.307	1.328	3.50
5)	T	bis(2-Chloroethyl)ether			1.111	1.118	1.089	1.179	1.099	1.107	1.102	1.069	1.109	2.88
6)	T	n-Nitrosodi-n-propylamine			0.849	0.798	0.788	0.854	0.820	0.835	0.858	0.863	0.833	3.39
7)	t	Hexachloroethane			0.490	0.480	0.468	0.506	0.487	0.490	0.489	0.484	0.487	2.24
8)	s	Nitrobenzene-d5	1.255	1.230	1.079	1.105	1.117	1.213	1.182	1.191	1.215	1.208	1.180	4.98
9)	i	Naphthalene-d8	----------ISTD----------											
10)	t	Naphthalene		1.201	1.048	1.088	1.000	1.105	1.028	1.039	1.026	0.994	1.059	6.12
11)	t	Hexachlorobutadiene			0.212	0.219	0.208	0.232	0.216	0.219	0.215	0.211	0.216	3.45
12)	t	2-Methylnaphthalene		0.689	0.653	0.658	0.629	0.692	0.650	0.654	0.654	0.643	0.658	3.09
13)	t	1-Methylnaphthalene		0.712	0.660	0.671	0.640	0.703	0.665	0.669	0.664	0.647	0.670	3.50
14)	s	2-Fluorobiphenyl	0.945	0.924	0.839	0.859	0.837	0.919	0.856	0.850	0.829	0.800	0.866	5.45
15)	t	2-Chloronaphthalene			0.721	0.755	0.725	0.802	0.744	0.749	0.745	0.736	0.747	3.34
16)	t	2,6-Dinitrotoluene					0.135	0.148	0.156	0.161	0.179	0.183	0.161	11.28
17)	t	Acenaphthylene		1.263	1.120	1.172	1.117	1.246	1.186	1.188	1.184	1.153	1.181	4.20
18)	i	Acenaphthene-d10	----------ISTD----------											
19)	t	Acenaphthene			1.302	1.311	1.345	1.439	1.356	1.368	1.355	1.322	1.350	3.17
20)	t	2,4-Dinitrotoluene					0.308	0.355	0.388	0.401	0.445	0.449	0.391	13.75
21)	t	Fluorene		1.676	1.546	1.595	1.492	1.645	1.573	1.566	1.555	1.499	1.572	3.87
22)	s	2,4,6-Tribromophenol			0.191	0.215	0.204	0.225	0.226	0.230	0.235	0.237	0.220	7.23
23)	i	Phenanthrene-d10	----------ISTD----------											
24)	T	4,6-Dinitro-o-cresol					0.062	0.075	0.087	0.094	0.110	0.122	*Q	0.9995
25)	t	Hexachlorobenzene	0.274	0.266	0.260	0.267	0.251	0.276	0.260	0.262	0.258	0.252	0.263	3.19
26)	t	Pentachlorophenol				0.025	0.063	0.091	0.117	0.133	0.148	0.161	*Q	0.9990
27)	t	Phenanthrene			1.108	1.160	1.156	1.234	1.141	1.148	1.118	1.078	1.143	4.04
28)	t	Anthracene		1.243	1.126	1.133	1.090	1.204	1.136	1.158	1.126	1.088	1.145	4.42
29)	t	Fluoranthene		1.557	1.339	1.369	1.279	1.372	1.336	1.333	1.286	1.231	1.345	6.83
30)	t	Pyrene		1.632	1.400	1.420	1.329	1.413	1.371	1.378	1.318	1.245	1.390	7.65
31)	s	4-Terphenyl-d14	1.234	0.995	0.817	0.841	0.778	0.840	0.796	0.800	0.748	0.715	0.857	17.77
32)	i	Chrysene-d12	----------ISTD----------											
33)	t	Benzo[a]anthracene		0.906	0.579	0.465	0.394	0.422	0.405	0.405	0.412	0.419	*L	0.9998
34)	t	3,3'-Dichlorobenzidine					0.399	0.478	0.492	0.502	0.543	0.558	0.495	11.35
35)	t	Chrysene		1.257	1.223	1.282	1.324	1.470	1.374	1.405	1.374	1.328	1.338	5.77
36)	T	bis(2-Ethylhexyl)phthalate					0.732	0.749	0.759	0.787	0.888	0.936	0.808	10.31

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL22846**
Calibration dates	**: 11/20/25 16:30 11/20/25 19:05**		

Calibration Files
L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D
L9 =IL9.D L10 =IL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	i	Perylene-d12	----------ISTD----------											
38)	t	Benzo[b]fluoranthene		1.294	1.179	1.203	1.242	1.417	1.339	1.320	1.361	1.425	1.309	6.70
39)	t	Benzo[k]fluoranthene		1.335	1.247	1.290	1.233	1.343	1.323	1.396	1.364	1.286	1.313	4.07
40)	t	Benzo[a]pyrene		1.110	1.020	1.091	1.076	1.216	1.197	1.233	1.254	1.271	1.163	7.74
41)	t	Indeno[1,2,3-cd]pyrene		0.838	0.772	0.822	0.846	0.958	0.981	1.037	1.098	1.154	0.945	14.17
42)	t	Dibenzo[a,h]anthracene			0.734	0.770	0.830	0.932	1.001	1.049	1.067	1.080	0.933	14.86
43)	t	Benzo[g,h,i]perylene		0.999	0.862	0.927	0.912	1.033	1.038	1.088	1.100	1.127	1.010	9.11

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV118**	**Ical Ref**	**: ICAL22895**
Calibration dates	**: 12/13/25 18:55 12/13/25 21:29**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D
L10 =L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	ISTD											
2)	T	N-Nitrosodimethylamine			0.541	0.597	0.593	0.659	0.639	0.666	0.661	0.652	0.626	7.10
3)	s	2-Fluorophenol	1.053	0.974	0.894	0.939	0.925	1.030	0.984	1.022	0.993	0.988	0.980	5.04
4)	s	Phenol-d6		1.130	1.090	1.098	1.075	1.210	1.198	1.251	1.268	1.291	1.179	7.01
5)	T	bis(2-Chloroethyl)ether			1.105	1.084	1.061	1.159	1.108	1.135	1.118	1.112	1.110	2.69
6)	T	n-Nitrosodi-n-propylamine			0.637	0.643	0.629	0.703	0.707	0.760	0.780	0.818	0.710	10.01
7)	t	Hexachloroethane			0.468	0.504	0.486	0.528	0.504	0.519	0.516	0.514	0.505	3.89
8)	s	Nitrobenzene-d5	0.916	0.902	0.769	0.837	0.819	0.931	0.926	0.986	0.998	1.010	0.909	8.81
9)	i	Naphthalene-d8	ISTD											
10)	t	Naphthalene			1.032	1.081	1.008	1.084	1.012	1.030	1.002	0.976	1.028	3.68
11)	t	Hexachlorobutadiene				0.207	0.202	0.219	0.206	0.208	0.203	0.195	0.206	3.46
12)	t	2-Methylnaphthalene			0.625	0.643	0.610	0.668	0.639	0.657	0.630	0.611	0.635	3.22
13)	t	1-Methylnaphthalene			0.627	0.656	0.632	0.689	0.656	0.664	0.637	0.621	0.648	3.52
14)	s	2-Fluorobiphenyl	0.909	0.906	0.803	0.834	0.823	0.904	0.854	0.871	0.820	0.788	0.851	5.25
15)	t	2-Chloronaphthalene			0.702	0.716	0.702	0.773	0.733	0.756	0.729	0.714	0.728	3.52
16)	t	2,6-Dinitrotoluene					0.098	0.109	0.117	0.136	0.146	0.155	0.127	17.71
17)	t	Acenaphthylene			0.972	1.010	0.993	1.109	1.120	1.183	1.146	1.119	1.082	7.26
18)	i	Acenaphthene-d10	ISTD											
19)	t	Acenaphthene			1.309	1.374	1.335	1.430	1.348	1.373	1.325	1.285	1.347	3.35
20)	t	2,4-Dinitrotoluene					0.209	0.251	0.279	0.323	0.354	0.369	*Q	0.9991
21)	t	Fluorene			1.470	1.506	1.464	1.615	1.556	1.609	1.563	1.510	1.537	3.80
22)	s	2,4,6-Tribromophenol			0.157	0.166	0.171	0.199	0.212	0.228	0.229	0.227	0.199	15.20
23)	i	Phenanthrene-d10	ISTD											
24)	T	4,6-Dinitro-o-cresol					0.044	0.056	0.066	0.077	0.086	0.095	*Q	0.9994
25)	t	Hexachlorobenzene		0.278	0.253	0.258	0.251	0.275	0.266	0.269	0.261	0.253	0.263	3.74
26)	t	Pentachlorophenol				0.048	0.059	0.077	0.101	0.123	0.135	0.143	*Q	0.9980
27)	t	Phenanthrene			1.135	1.182	1.112	1.203	1.148	1.162	1.129	1.084	1.144	3.33
28)	t	Anthracene			1.081	1.088	1.029	1.147	1.120	1.167	1.142	1.109	1.110	3.98
29)	t	Fluoranthene			1.172	1.214	1.174	1.283	1.234	1.260	1.212	1.131	1.210	4.12
30)	t	Pyrene			1.207	1.237	1.191	1.334	1.282	1.307	1.239	1.158	1.244	4.83
31)	s	4-Terphenyl-d14	0.818	0.834	0.743	0.743	0.739	0.813	0.773	0.791	0.755	0.699	0.771	5.52
32)	i	Chrysene-d12	ISTD											
33)	t	Benzo[a]anthracene			0.516	0.444	0.367	0.395	0.383	0.405	0.412	0.410	0.416	11.06
34)	t	3,3'-Dichlorobenzidine					0.348	0.409	0.440	0.496	0.538	0.553	0.464	17.14
35)	t	Chrysene			1.301	1.381	1.308	1.442	1.363	1.385	1.374	1.345	1.363	3.32
36)	T	bis(2-Ethylhexyl)phthalate					0.504	0.567	0.636	0.754	0.891	1.011	*Q	0.9991

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: SV118**	**Ical Ref**	**: ICAL22895**
Calibration dates	**: 12/13/25 18:55 12/13/25 21:29**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D
L10 =L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	i	Perylene-d12	----------ISTD----------											
38)	t	Benzo[b]fluoranthene			1.206	1.277	1.220	1.383	1.299	1.341	1.324	1.270	1.290	4.63
39)	t	Benzo[k]fluoranthene			1.194	1.228	1.244	1.362	1.351	1.383	1.353	1.312	1.304	5.48
40)	t	Benzo[a]pyrene			0.993	1.035	1.034	1.170	1.160	1.211	1.228	1.210	1.130	8.35
41)	t	Indeno[1,2,3-cd]pyrene			0.896	0.929	0.926	1.019	0.996	1.069	1.111	1.126	1.009	8.71
42)	t	Dibenzo[a,h]anthracene			0.813	0.858	0.880	0.994	1.016	1.065	1.080	1.084	0.974	11.12
43)	t	Benzo[g,h,i]perylene			0.959	0.976	0.957	1.075	1.065	1.116	1.136	1.125	1.051	7.27

Response Factor Report SV125

Method Path : I:\8270SIM\SV125\251120RVTical\
Method File : SIM-RVT_251120_sv125.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Tue Nov 25 11:16:16 2025
Response Via : Initial Calibration

Calibration Files
L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D
L9 =IL9.D L10 =IL10.D

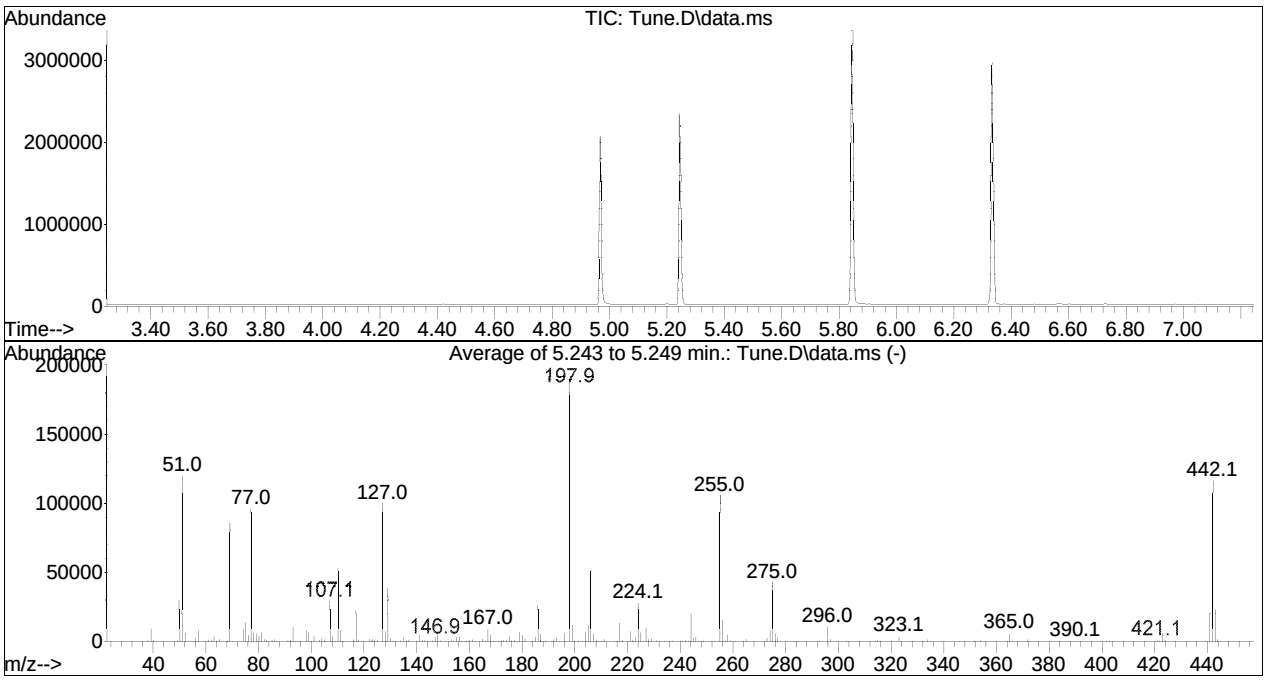
		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	ISTD											
2)	T	N-Nitrosodimethylamine				0.674	0.671	0.742	0.695	0.714	0.707	0.689	0.699	3.55
3)	s	2-Fluorophenol	1.272	1.144	1.015	1.048	1.021	1.117	1.053	1.057	1.029	1.012	1.077	7.54
4)	s	Phenol-d6		1.424	1.289	1.318	1.269	1.375	1.310	1.331	1.328	1.307	1.328	3.50
5)	T	bis(2-Chloroethyl)ether			1.111	1.118	1.089	1.179	1.099	1.107	1.102	1.069	1.109	2.88
6)	T	n-Nitrosodi-n-propylamine			0.849	0.798	0.788	0.854	0.820	0.835	0.858	0.863	0.833	3.39
7)	t	Hexachloroethane			0.490	0.480	0.468	0.506	0.487	0.490	0.489	0.484	0.487	2.24
8)	s	Nitrobenzene-d5	1.255	1.230	1.079	1.105	1.117	1.213	1.182	1.191	1.215	1.208	1.180	4.98
9)	i	Naphthalene-d8	ISTD											
10)	t	Naphthalene		1.201	1.048	1.088	1.000	1.105	1.028	1.039	1.026	0.994	1.059	6.12
11)	t	Hexachlorobutadiene			0.212	0.219	0.208	0.232	0.216	0.219	0.215	0.211	0.216	3.45
12)	t	2-Methylnaphthalene		0.689	0.653	0.658	0.629	0.692	0.650	0.654	0.654	0.643	0.658	3.09
13)	t	1-Methylnaphthalene		0.712	0.660	0.671	0.640	0.703	0.665	0.669	0.664	0.647	0.670	3.50
14)	s	2-Fluorobiphenyl	0.945	0.924	0.839	0.859	0.837	0.919	0.856	0.850	0.829	0.800	0.866	5.45
15)	t	2-Chloronaphthalene			0.721	0.755	0.725	0.802	0.744	0.749	0.745	0.736	0.747	3.34
16)	t	2,6-Dinitrotoluene					0.135	0.148	0.156	0.161	0.179	0.183	0.161	11.28
17)	t	Acenaphthylene		1.263	1.120	1.172	1.117	1.246	1.186	1.188	1.184	1.153	1.181	4.20
18)	i	Acenaphthene-d10	ISTD											
19)	t	Acenaphthene			1.302	1.311	1.345	1.439	1.356	1.368	1.355	1.322	1.350	3.17
20)	t	2,4-Dinitrotoluene					0.308	0.355	0.388	0.401	0.445	0.449	0.391	13.75
21)	t	Fluorene		1.676	1.546	1.595	1.492	1.645	1.573	1.566	1.555	1.499	1.572	3.87
22)	s	2,4,6-Tribromophenol			0.191	0.215	0.204	0.225	0.226	0.230	0.235	0.237	0.220	7.23
23)	i	Phenanthrene-d10	ISTD											
24)	T	4,6-Dinitro-o-cresol					0.062	0.075	0.087	0.094	0.110	0.122	*Q	0.9995
25)	t	Hexachlorobenzene	0.274	0.266	0.260	0.267	0.251	0.276	0.260	0.262	0.258	0.252	0.263	3.19
26)	t	Pentachlorophenol				0.025	0.063	0.091	0.117	0.133	0.148	0.161	*Q	0.9990
27)	t	Phenanthrene			1.108	1.160	1.156	1.234	1.141	1.148	1.118	1.078	1.143	4.04
28)	t	Anthracene		1.243	1.126	1.133	1.090	1.204	1.136	1.158	1.126	1.088	1.145	4.42
29)	t	Fluoranthene		1.557	1.339	1.369	1.279	1.372	1.336	1.333	1.286	1.231	1.345	6.83
30)	t	Pyrene		1.632	1.400	1.420	1.329	1.413	1.371	1.378	1.318	1.245	1.390	7.65
31)	s	4-Terphenyl-d14	1.234	0.995	0.817	0.841	0.778	0.840	0.796	0.800	0.748	0.715	0.857	17.77
32)	i	Chrysene-d12	ISTD											
33)	t	Benzo[a]anthracene		0.906	0.579	0.465	0.394	0.422	0.405	0.405	0.412	0.419	*L	0.9998
34)	t	3,3'-Dichlorobenzidine					0.399	0.478	0.492	0.502	0.543	0.558	0.495	11.35
35)	t	Chrysene		1.257	1.223	1.282	1.324	1.470	1.374	1.405	1.374	1.328	1.338	5.77
36)	T	bis(2-Ethylhexyl)phthalate					0.732	0.749	0.759	0.787	0.888	0.936	0.808	10.31
37)	i	Perylene-d12	ISTD											
38)	t	Benzo[b]fluora...		1.294	1.179	1.203	1.242	1.417	1.339	1.320	1.361	1.425	1.309	6.70
39)	t	Benzo[k]fluora...		1.335	1.247	1.290	1.233	1.343	1.323	1.396	1.364	1.286	1.313	4.07
40)	t	Benzo[a]pyrene		1.110	1.020	1.091	1.076	1.216	1.197	1.233	1.254	1.271	1.163	7.74
41)	t	Indeno[1,2,3-c...		0.838	0.772	0.822	0.846	0.958	0.981	1.037	1.098	1.154	0.945	14.17
42)	t	Dibenzo[a,h]anthracene			0.734	0.770	0.830	0.932	1.001	1.049	1.067	1.080	0.933	14.86
43)	t	Benzo[g,h,i]pe...		0.999	0.862	0.927	0.912	1.033	1.038	1.088	1.100	1.127	1.010	9.11

(#) = Out of Range

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : Tune.D
Acq On : 20 Nov 2025 04:12 pm
Operator : SV125:jjw
Sample : TUNE #12051
Misc : WG2146402,,ical
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Tue Nov 25 11:16:16 2025



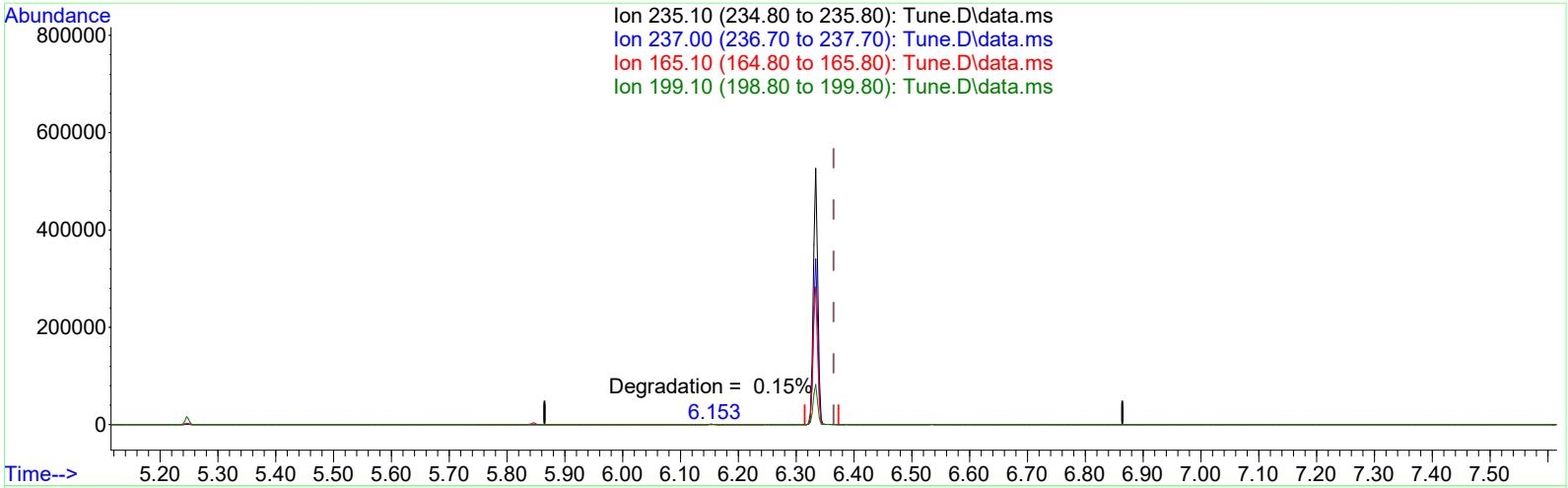
Spectrum Information: Average of 5.243 to 5.249 min.

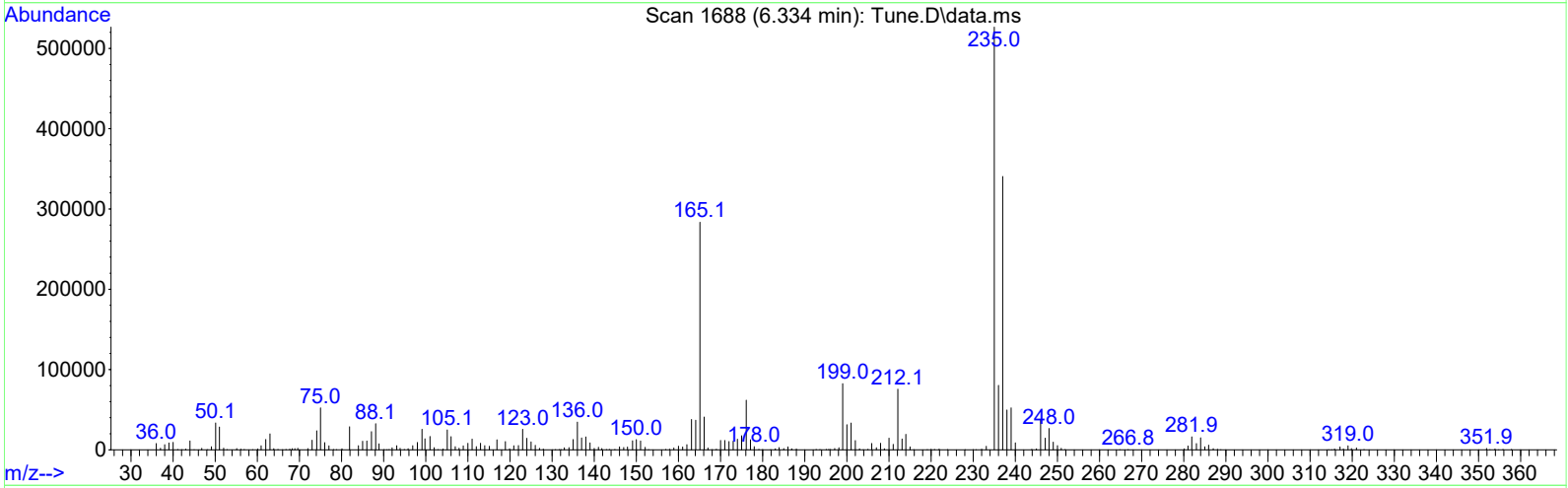
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	62.6	119736	PASS
68	69	0.00	2	1.2	1043	PASS
69	69	100	100	100.0	85805	PASS
70	69	0.00	2	0.7	632	PASS
127	198	10	80	52.2	99888	PASS
197	198	0.00	2	0.2	326	PASS
198	198	100	100	100.0	191197	PASS
199	198	5	9	6.2	11795	PASS
275	198	10	60	22.3	42621	PASS
365	198	1	100	3.1	5933	PASS
441	442	0.01	24	18.0	20909	PASS
442	198	50	100	60.8	116293	PASS
443	442	15	24	20.0	23239	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : Tune.D
Acq On : 20 Nov 2025 04:12 pm
Operator : SV125:jjw
Sample : TUNE #12051
Misc : WG2146402,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 24 20:02:36 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\dftppsv125.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 10 11:26:29 2025
Response via : Continuing Cal File:





TIC: Tune.D\data.ms

(6) ddt (T)

6.334min (-0.031) 45.79

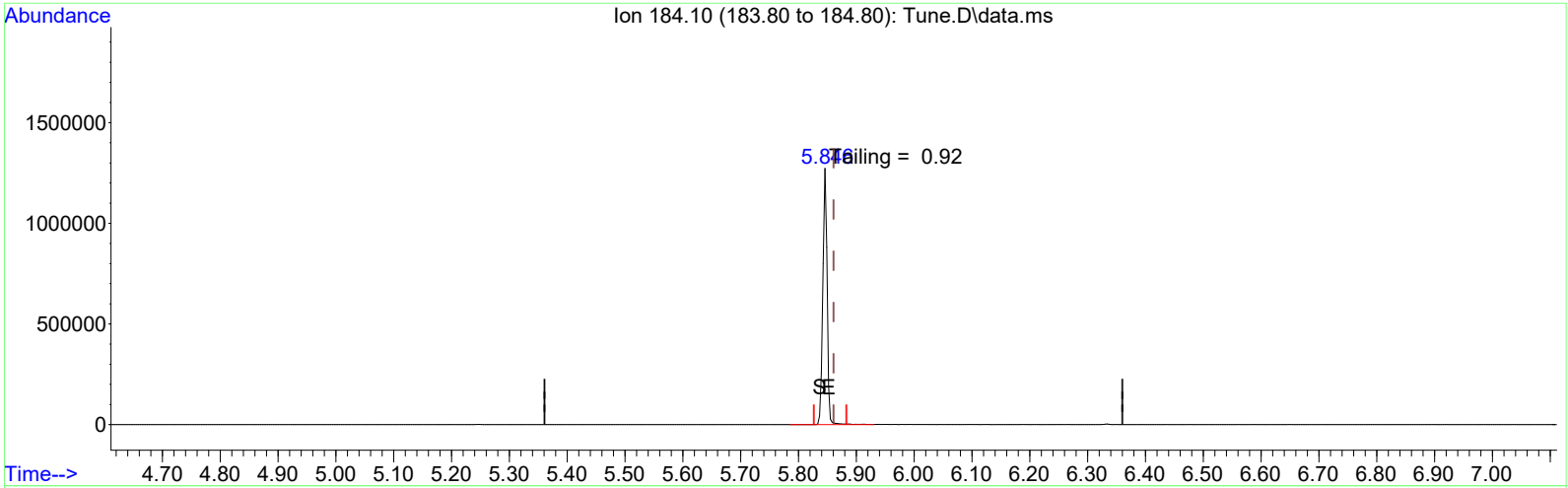
response 279132

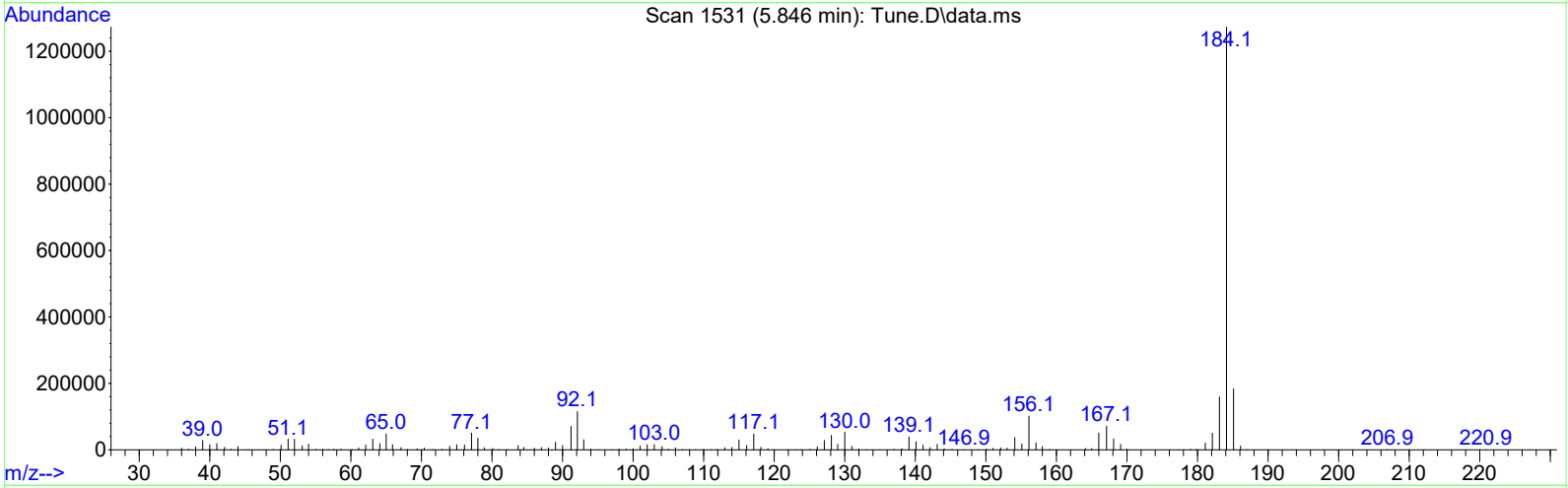
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	64.78
165.10	53.30	53.50
199.10	17.10	15.68

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : Tune.D
Acq On : 20 Nov 2025 04:12 pm
Operator : SV125:jjw
Sample : TUNE #12051
Misc : WG2146402,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 24 20:02:36 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\dftppsv125.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 10 11:26:29 2025
Response via : Continuing Cal File:





TIC: Tune.D\data.ms

(3) benzidine (T)

5.846min (-0.015) 64.58

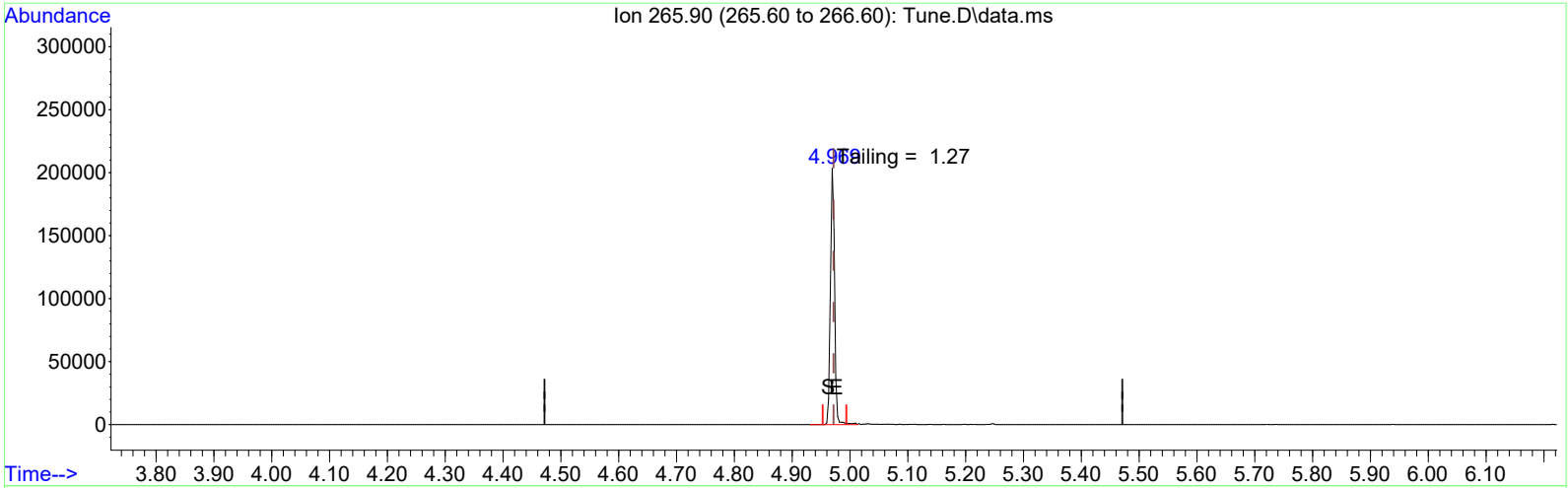
response 657398

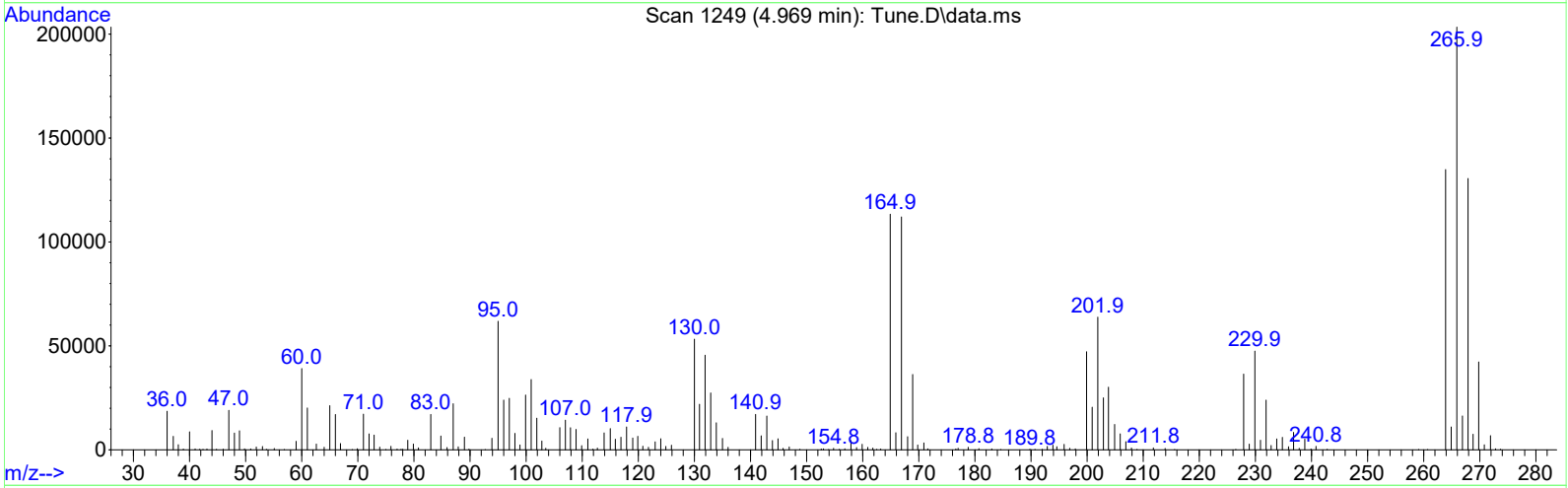
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : Tune.D
Acq On : 20 Nov 2025 04:12 pm
Operator : SV125:jjw
Sample : TUNE #12051
Misc : WG2146402,,ical
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 24 20:02:36 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\dftppsv125.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Nov 10 11:26:29 2025
Response via : Continuing Cal File:





TIC: Tune.D\data.ms

(1) pentachlorophenol (T)

4.969min (-0.003) 48.29

response 101434

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL10.D
Acq On : 20 Nov 2025 04:30 pm
Operator : SV125:jjw
Sample : IL10,32,,5 Lot# 12033
Misc : WG2146402,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 10:45:54 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.575	152	312104	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery	= 132.48%		
9) Naphthalene-d8	3.250	136	1147846	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery	= 135.06%		
18) Acenaphthene-d10	4.236	164	646505	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery	= 136.62%		
23) Phenanthrene-d10	5.083	188	1308758	4000.000	ng/ml	0.01
Standard Area 1 = 986826			Recovery	= 132.62%		
32) Chrysene-d12	6.673	240	1053359	4000.000	ng/ml	0.02
Standard Area 1 = 836361			Recovery	= 125.95%		
37) Perylene-d12	7.996	264	1001808	4000.000	ng/ml	0.03
Standard Area 1 = 769176			Recovery	= 130.24%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.965	112	394618	4697.045	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 234.85%#		
4) Phenol-d6	2.382	99	510045	4921.961	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 246.10%#		
8) Nitrobenzene-d5	2.862	82	471254	5120.288	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 512.03%#		
14) 2-Fluorobiphenyl	3.854	172	1148499	4622.419	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 462.24%#		
22) 2,4,6-Tribromophenol	4.685	330	191770	5383.335	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 269.17%#		
31) 4-Terphenyl-d14	6.002	244	1170451	4176.426	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 417.64%#		
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.445	74	268921	4929.776	ng/mL	100
5) Bis(2-chloroethyl)ether	2.435	93	417234	4819.886	ng/ml	100
6) n-nitrosodi-n-propylamine	2.782	70	336724	5180.321	ng/ml	99
7) Hexachloroethane	2.842	117	188661	4969.707	ng/ml	99
10) Naphthalene	3.263	128	1425941	4693.392	ng/ml	99
11) Hexachlorobutadiene	3.336	225	302233	4866.694	ng/ml	99
12) 2-Methylnaphthalene	3.647	142	923095	4888.400	ng/ml	100
13) 1-Methylnaphthalene	3.702	142	928262	4827.495	ng/ml	100
15) 2-Chloronaphthalene	3.919	162	1056522	4928.181	ng/ml	100
16) 2,6-Dinitrotoluene	4.114	165	262133	5676.831	ng/ml	94
17) Acenaphthylene	4.154	152	1653773	4880.573	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL10.D
Acq On : 20 Nov 2025 04:30 pm
Operator : SV125:jjw
Sample : IL10,32,,5 Lot# 12033
Misc : WG2146402,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 10:45:54 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.255	153	1068752	4756.539	ng/ml	98
20) 2,4-Dinitrotoluene	4.343	165	362499	5733.594	ng/ml	93
21) Fluorene	4.548	166	1211001	4778.247	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.576	198	198811	4977.798	ng/ml	97
25) Hexachlorobenzene	4.867	284	412544	4790.852	ng/ml	92
26) Pentachlorophenol	4.976	266	262940	4972.054	ng/ml	100
27) Phenanthrene	5.097	178	1763288	4738.249	ng/ml	99
28) Anthracene	5.127	178	1780157	4751.754	ng/ml	98
29) Fluoranthene	5.781	202	2014019	4577.926	ng/ml	98
30) Pyrene	5.914	202	2036017	4477.986	ng/ml	98
33) Benzo[a]anthracene	6.662	226	551577	5055.434	ng/ml	95
34) 3,3'-Dichlorobenzidine	6.646	252	735161	5635.585	ng/ml	99
35) Chrysene	6.692	228	1748876	4965.143	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.686	149	1231854	5786.109	ng/ml	100
38) Benzo[b]fluoranthene	7.586	252	1784946	5444.382	ng/ml	97
39) Benzo[k]fluoranthene	7.616	252	1610900	4898.385	ng/ml	96
40) Benzo[a]pyrene	7.929	252	1591425	5463.264	ng/ml	99
41) Indeno[1,2,3-cd]pyrene	9.336	276	1445092	6104.854	ng/ml	100
42) Dibenzo[a,h]anthracene	9.374	278	1352731M6	5949.755	ng/ml	
43) Benzo[g,h,i]perylene	9.707	276	1411395	5581.785	ng/ml	100

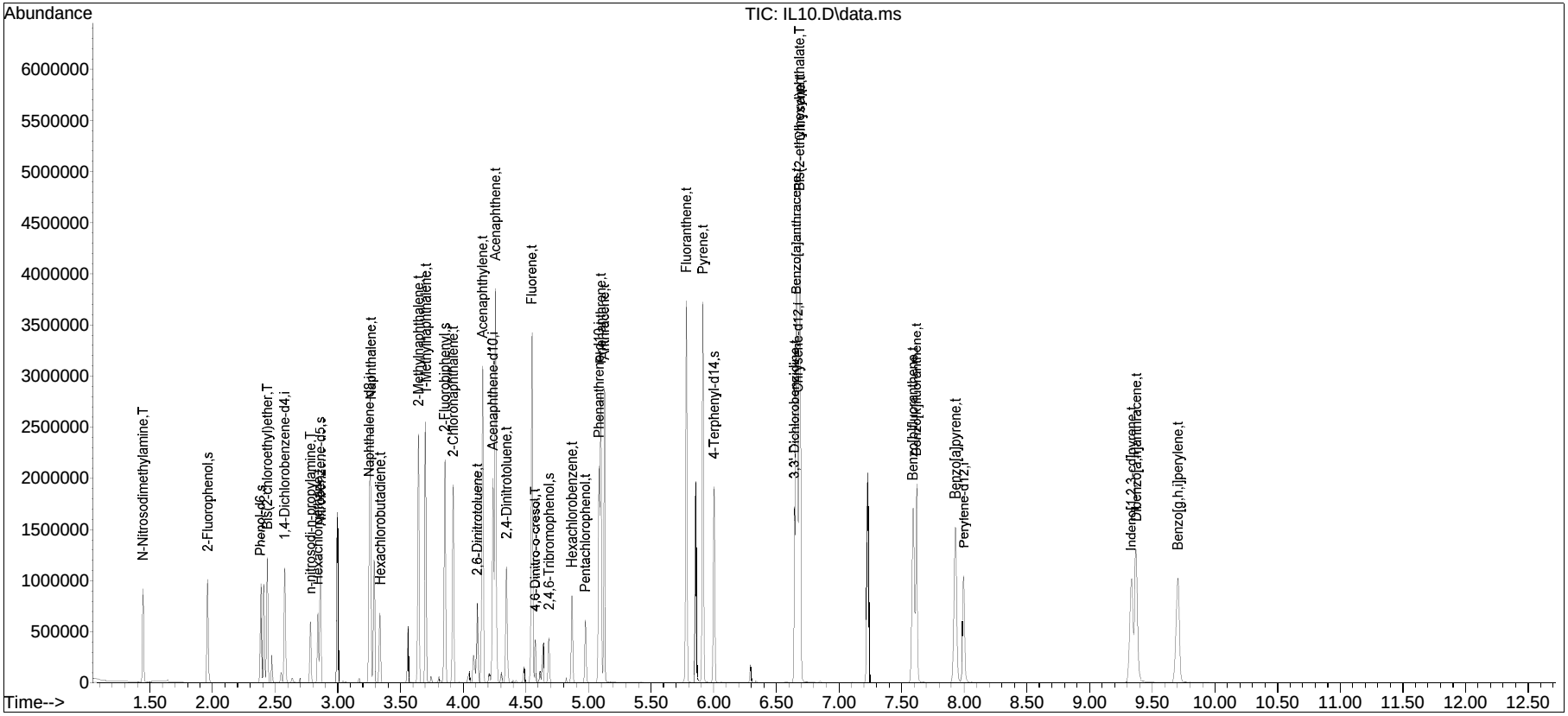
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL10.D
Acq On : 20 Nov 2025 04:30 pm
Operator : SV125:jjw
Sample : IL10,32,,5 Lot# 12033
Misc : WG2146402,,ical
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 10:45:54 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

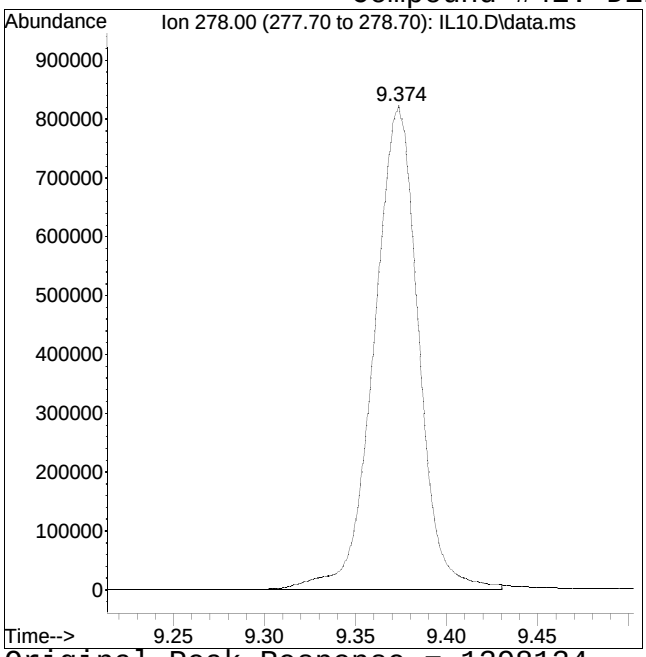
Sub List : Default - All compounds listedical\IL8.D•



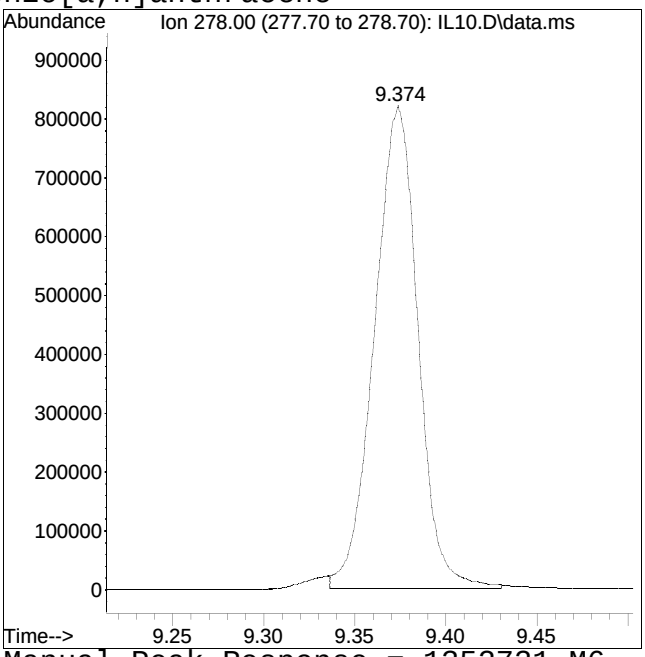
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL10.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 4:30 pm Instrument : SV125
Sample : IL10,32,,5 Lot# 12033 Quant Date : 11/25/2025 10:46 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 1398134



Manual Peak Response = 1352731 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL9.D
Acq On : 20 Nov 2025 04:47 pm
Operator : SV125:jjw
Sample : IL9,32,,2.5 Lot# 12035
Misc : WG2146402,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 10:46:58 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.572	152	288554	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 122.49%			
9) Naphthalene-d8	3.247	136	1054131	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 124.03%			
18) Acenaphthene-d10	4.234	164	590687	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 124.82%			
23) Phenanthrene-d10	5.077	188	1220259	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 123.65%			
32) Chrysene-d12	6.662	240	992590	4000.000	ng/ml	0.00
Standard Area 1 = 836361			Recovery = 118.68%			
37) Perylene-d12	7.978	264	932063	4000.000	ng/ml	0.00
Standard Area 1 = 769176			Recovery = 121.18%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.962	112	185650	2390.094	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 119.50%#			
4) Phenol-d6	2.379	99	239540	2500.230	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 125.01%#			
8) Nitrobenzene-d5	2.856	82	219200	2576.037	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 257.60%#			
14) 2-Fluorobiphenyl	3.849	172	545932	2392.579	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 239.26%#			
22) 2,4,6-Tribromophenol	4.680	330	86813	2667.289	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 133.36%#			
31) 4-Terphenyl-d14	5.997	244	570809	2184.488	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 218.45%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.445	74	127556	2529.156	ng/mL	99
5) Bis(2-chloroethyl)ether	2.432	93	198665	2482.279	ng/ml	99
6) n-nitrosodi-n-propylamine	2.776	70	154703	2574.267	ng/ml	99
7) Hexachloroethane	2.837	117	88101	2510.162	ng/ml	100
10) Naphthalene	3.256	128	675811	2422.142	ng/ml	100
11) Hexachlorobutadiene	3.330	225	141377	2478.905	ng/ml	100
12) 2-Methylnaphthalene	3.641	142	430730	2483.788	ng/ml	100
13) 1-Methylnaphthalene	3.696	142	437518	2477.629	ng/ml	100
15) 2-Chloronaphthalene	3.916	162	490818	2492.973	ng/ml	100
16) 2,6-Dinitrotoluene	4.109	165	117995	2782.511	ng/ml	94
17) Acenaphthylene	4.151	152	779882	2506.184	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL9.D
Acq On : 20 Nov 2025 04:47 pm
Operator : SV125:jjw
Sample : IL9,32,,2.5 Lot# 12035
Misc : WG2146402,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 10:46:58 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.249	153	500355	2437.288	ng/ml	99
20) 2,4-Dinitrotoluene	4.337	165	164423	2846.408	ng/ml	94
21) Fluorene	4.542	166	574205	2479.737	ng/ml	100
24) 4,6-Dinitro-o-cresol	4.570	198	83819	2566.991	ng/ml	98
25) Hexachlorobenzene	4.861	284	196531	2447.828	ng/ml	93
26) Pentachlorophenol	4.971	266	112979	2571.221	ng/ml	100
27) Phenanthrene	5.089	178	852753	2457.679	ng/ml	100
28) Anthracene	5.118	178	859111	2459.531	ng/ml	99
29) Fluoranthene	5.775	202	980625	2390.647	ng/ml	99
30) Pyrene	5.905	202	1005176	2371.105	ng/ml	100
33) Benzo[a]anthracene	6.654	226	255655	2485.646	ng/ml	99
34) 3,3'-Dichlorobenzidine	6.637	252	336580	2738.113	ng/ml	100
35) Chrysene	6.681	228	852526	2568.543	ng/ml	100
36) Bis(2-ethylhexyl)phtha...	6.681	149	550873	2745.904	ng/ml	100
38) Benzo[b]fluoranthene	7.572	252	793027	2599.864	ng/ml	97
39) Benzo[k]fluoranthene	7.602	252	794704	2597.341	ng/ml	97
40) Benzo[a]pyrene	7.911	252	730379	2694.967	ng/ml	99
41) Indeno[1,2,3-cd]pyrene	9.309	276	639742	2904.851	ng/ml	100
42) Dibenzo[a,h]anthracene	9.347	278	621849M4	2939.759	ng/ml	
43) Benzo[g,h,i]perylene	9.677	276	640765	2723.721	ng/ml	100

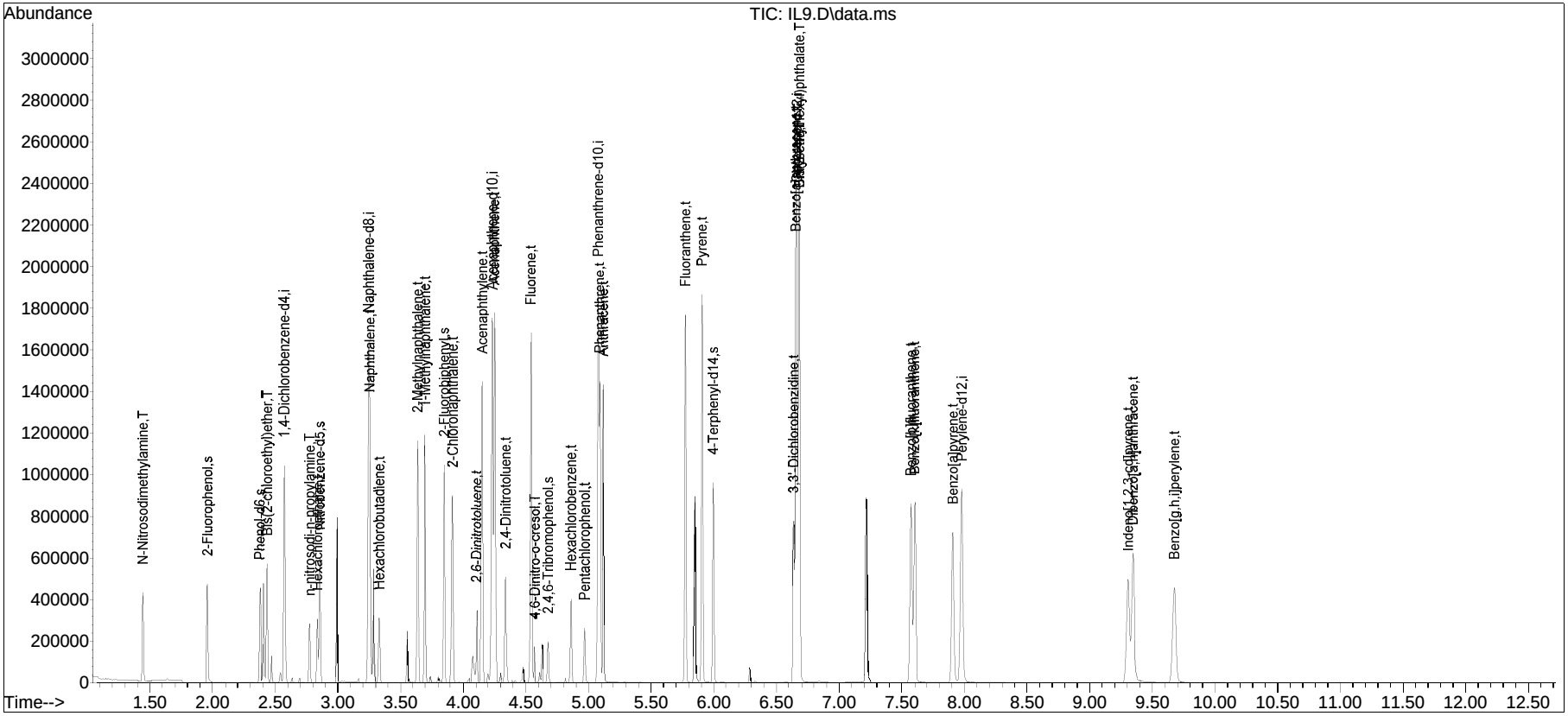
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL9.D
Acq On : 20 Nov 2025 04:47 pm
Operator : SV125:jjw
Sample : IL9,32,,2.5 Lot# 12035
Misc : WG2146402,,ical
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 10:46:58 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

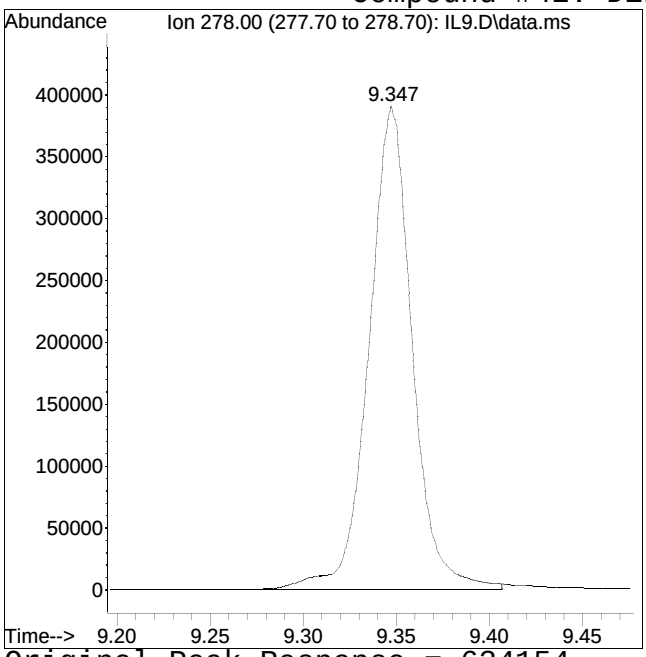
Sub List : Default - All compounds listedical\IL8.D•



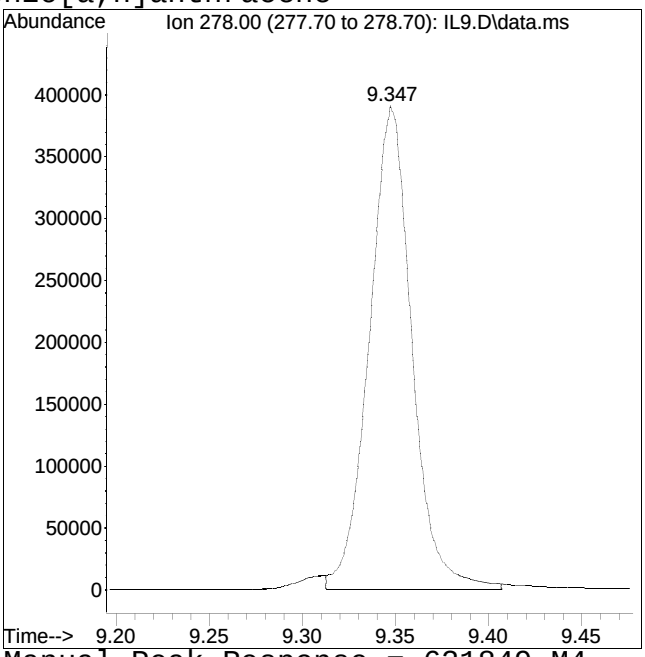
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL9.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 4:47 pm Instrument : SV125
Sample : IL9,32,,2.5 Lot# 12035 Quant Date : 11/25/2025 10:47 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 634154



Manual Peak Response = 621849 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL8.D
Acq On : 20 Nov 2025 05:04 pm
Operator : SV125:jjw
Sample : IL8,32,,1 Lot# 12036
Misc : WG2146402,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 10:46:49 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.572	152	235582	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 100.00%			
9) Naphthalene-d8	3.244	136	849881	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 100.00%			
18) Acenaphthene-d10	4.228	164	473230	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 100.00%			
23) Phenanthrene-d10	5.071	188	986826	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 100.00%			
32) Chrysene-d12	6.657	240	836361	4000.000	ng/ml	0.00
Standard Area 1 = 836361			Recovery = 100.00%			
37) Perylene-d12	7.969	264	769176	4000.000	ng/ml	0.00
Standard Area 1 = 769176			Recovery = 100.00%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.956	112	62232	981.338	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 49.07%			
4) Phenol-d6	2.375	99	78397	1002.274	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 50.11%			
8) Nitrobenzene-d5	2.855	82	70169	1010.048	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 101.00%			
14) 2-Fluorobiphenyl	3.846	172	180693	982.213	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 98.22%			
22) 2,4,6-Tribromophenol	4.674	330	27154	1041.368	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 52.07%			
31) 4-Terphenyl-d14	5.994	244	197340	933.868	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 93.39%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.436	74	42080	1021.964	ng/mL	100
5) Bis(2-chloroethyl)ether	2.429	93	65179	997.521	ng/ml	100
6) n-nitrosodi-n-propylamine	2.772	70	49162	1002.004	ng/ml	100
7) Hexachloroethane	2.835	117	28847	1006.715	ng/ml	100
10) Naphthalene	3.257	128	220652	980.886	ng/ml	100
11) Hexachlorobutadiene	3.330	225	46435	1009.864	ng/ml	100
12) 2-Methylnaphthalene	3.639	142	138940	993.741	ng/ml	100
13) 1-Methylnaphthalene	3.693	142	142186	998.697	ng/ml	100
15) 2-Chloronaphthalene	3.913	162	159081	1002.194	ng/ml	100
16) 2,6-Dinitrotoluene	4.103	165	34313	1003.618	ng/ml	100
17) Acenaphthylene	4.146	152	252352	1005.836	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL8.D
Acq On : 20 Nov 2025 05:04 pm
Operator : SV125:jjw
Sample : IL8,32,,1 Lot# 12036
Misc : WG2146402,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 10:46:49 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.246	153	161798	983.755	ng/ml	100
20) 2,4-Dinitrotoluene	4.332	165	47430	1024.880	ng/ml	100
21) Fluorene	4.540	166	185298	998.837	ng/ml	100
24) 4,6-Dinitro-o-cresol	4.564	198	23250	977.935	ng/ml	100
25) Hexachlorobenzene	4.856	284	64668M6	995.980	ng/ml	
26) Pentachlorophenol	4.965	266	32838	1009.601	ng/ml	100
27) Phenanthrene	5.086	178	283194	1009.247	ng/ml	100
28) Anthracene	5.113	178	285727	1011.500	ng/ml	100
29) Fluoranthene	5.770	202	328861	991.371	ng/ml	100
30) Pyrene	5.900	202	340042	991.865	ng/ml	100
33) Benzo[a]anthracene	6.649	226	84667	975.767	ng/ml	100
34) 3,3'-Dichlorobenzidine	6.632	252	104926	1013.030	ng/ml	100
35) Chrysene	6.676	228	293800	1050.527	ng/ml	100
36) Bis(2-ethylhexyl)phtha...	6.676	149	164522	973.271	ng/ml	100
38) Benzo[b]fluoranthene	7.563	252	253815	1008.323	ng/ml	100
39) Benzo[k]fluoranthene	7.589	252	268370	1062.862	ng/ml	100
40) Benzo[a]pyrene	7.899	252	237131	1060.262	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.289	276	199479	1097.579	ng/ml	100
42) Dibenzo[a,h]anthracene	9.330	278	201722M1	1155.579	ng/ml	
43) Benzo[g,h,i]perylene	9.653	276	209217	1077.656	ng/ml	100

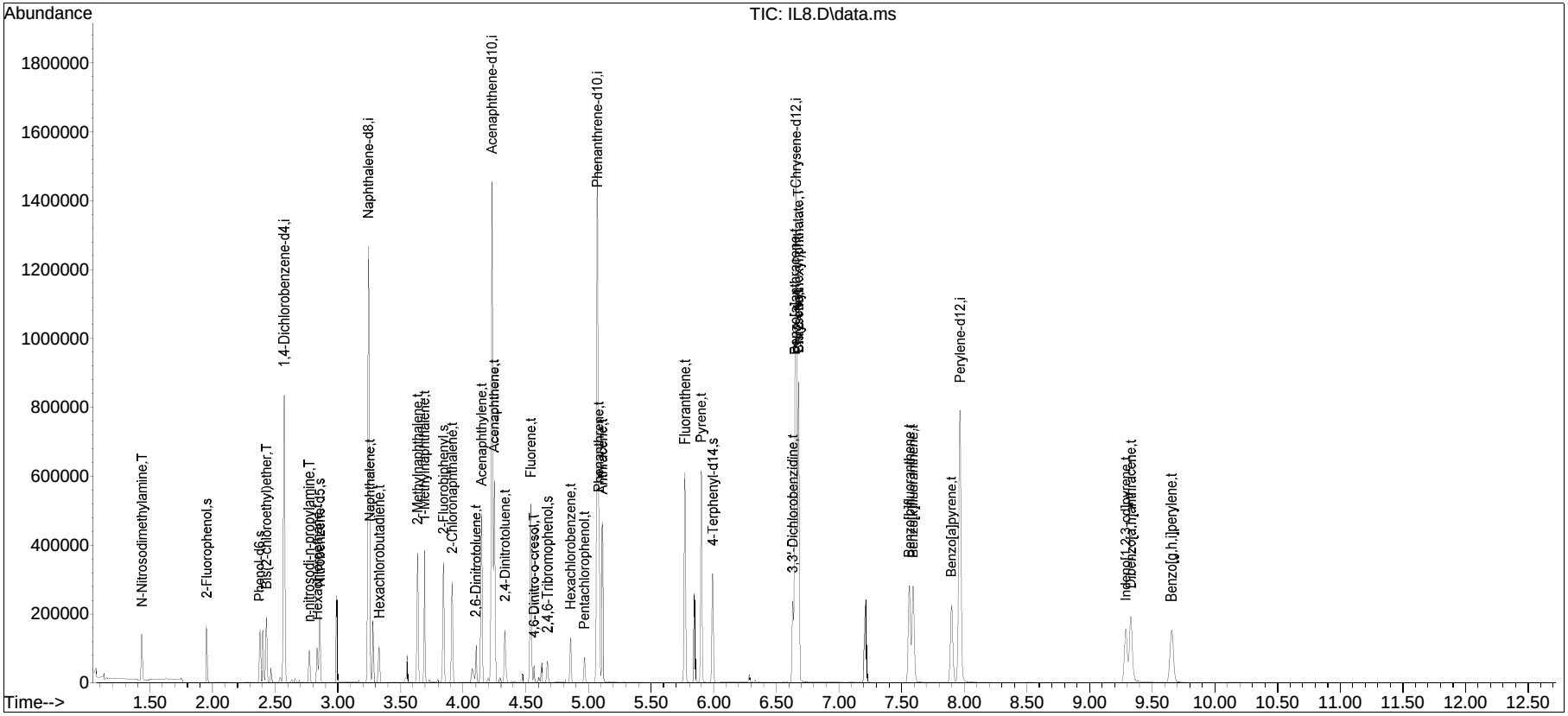
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL8.D
Acq On : 20 Nov 2025 05:04 pm
Operator : SV125:jjw
Sample : IL8,32,,1 Lot# 12036
Misc : WG2146402,,ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 10:46:49 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

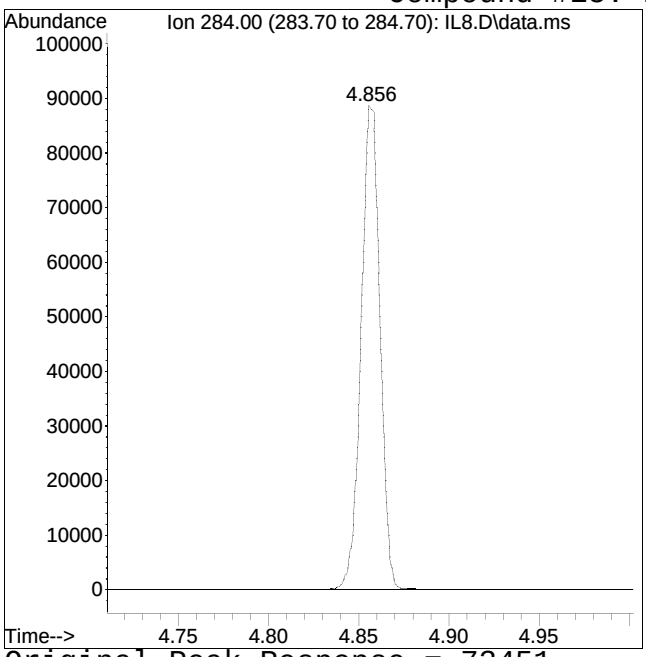
Sub List : Default - All compounds listedical\IL8.D•



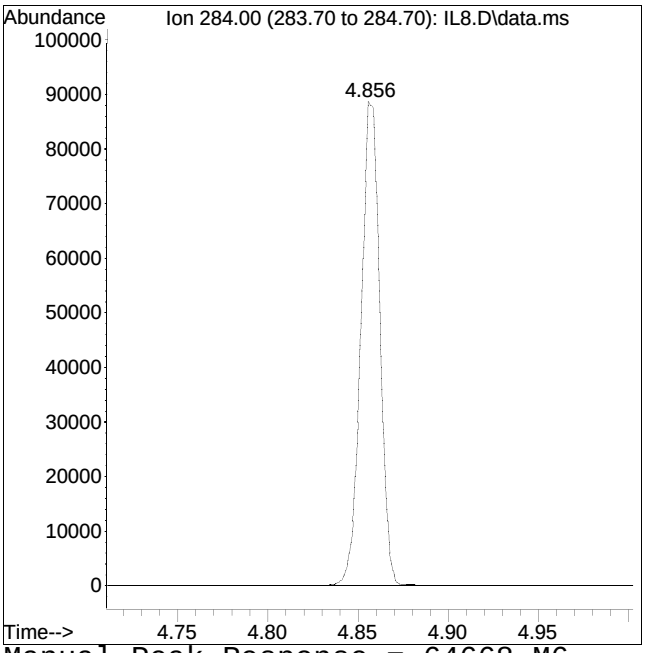
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL8.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:04 pm Instrument : SV125
Sample : IL8,32,,1 Lot# 12036 Quant Date : 11/25/2025 10:47 am

Compound #25: Hexachlorobenzene



Original Peak Response = 73451



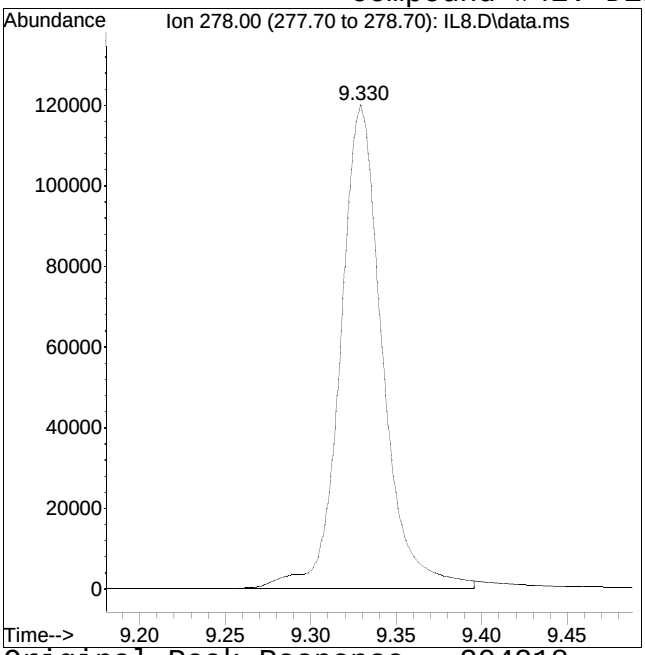
Manual Peak Response = 64668 M6

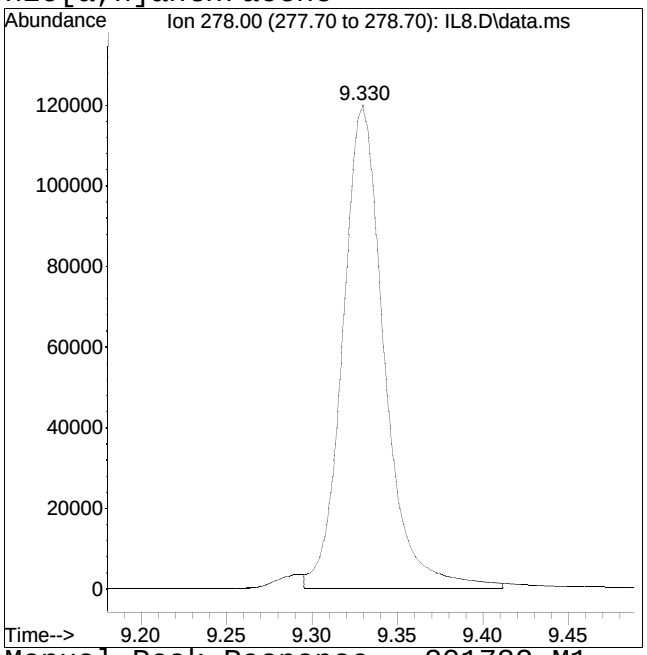
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL8.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:04 pm Instrument : SV125
Sample : IL8,32,,1 Lot# 12036 Quant Date : 11/25/2025 10:47 am

Compound #42: Dibenzo[a,h]anthracene





Original Peak Response = 204218 Manual Peak Response = 201722 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL7.D
Acq On : 20 Nov 2025 05:21 pm
Operator : SV125:jjw
Sample : IL7,32,,0.5 Lot# 12037
Misc : WG2146402,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 10:46:45 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.572	152	298907	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 126.88%			
9) Naphthalene-d8	3.246	136	1077954	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 126.84%			
18) Acenaphthene-d10	4.229	164	599810	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 126.75%			
23) Phenanthrene-d10	5.076	188	1269527	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 128.65%			
32) Chrysene-d12	6.666	240	1089095	4000.000	ng/ml	0.00
Standard Area 1 = 836361			Recovery = 130.22%			
37) Perylene-d12	7.984	264	998259	4000.000	ng/ml	0.01
Standard Area 1 = 769176			Recovery = 129.78%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.962	112	39354	489.103	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 24.46%			
4) Phenol-d6	2.375	99	48958	493.306	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 24.67%			
8) Nitrobenzene-d5	2.856	82	44153M6	500.914	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 50.09%			
14) 2-Fluorobiphenyl	3.847	172	115313	494.197	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 49.42%			
22) 2,4,6-Tribromophenol	4.678	330	16909	511.619	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 25.58%			
31) 4-Terphenyl-d14	5.999	244	126267	464.471	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 46.45%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.451	74	25984	497.361	ng/mL	100
5) Bis(2-chloroethyl)ether	2.432	93	41079	495.496	ng/ml	99
6) n-nitrosodi-n-propylamine	2.773	70	30621	491.887	ng/ml	100
7) Hexachloroethane	2.836	117	18184	500.151	ng/ml	100
10) Naphthalene	3.255	128	138531	485.530	ng/ml	99
11) Hexachlorobutadiene	3.332	225	29121	499.323	ng/ml	100
12) 2-Methylnaphthalene	3.640	142	87610	494.035	ng/ml	100
13) 1-Methylnaphthalene	3.695	142	89607	496.223	ng/ml	100
15) 2-Chloronaphthalene	3.915	162	100224	497.810	ng/ml	100
16) 2,6-Dinitrotoluene	4.104	165	21046	485.330	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL7.D
Acq On : 20 Nov 2025 05:21 pm
Operator : SV125:jjw
Sample : IL7,32,,0.5 Lot# 12037
Misc : WG2146402,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 10:46:45 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
17) Acenaphthylene	4.147	152	159805	502.191	ng/ml	100
19) Acenaphthene	4.248	153	101673	487.728	ng/ml	99
20) 2,4-Dinitrotoluene	4.333	165	29123	496.494	ng/ml	99
21) Fluorene	4.541	166	117925	501.520	ng/ml	100
24) 4,6-Dinitro-o-cresol	4.566	198	13774	473.489	ng/ml	100
25) Hexachlorobenzene	4.860	284	41265	494.017	ng/ml	92
26) Pentachlorophenol	4.969	266	18559	463.783	ng/ml	100
27) Phenanthrene	5.088	178	181119	501.737	ng/ml	100
28) Anthracene	5.117	178	180206	495.887	ng/ml	100
29) Fluoranthene	5.774	202	211984	496.736	ng/ml	100
30) Pyrene	5.907	202	217621	493.423	ng/ml	100
33) Benzo[a]anthracene	6.658	226	55174	487.330	ng/ml	99
34) 3,3'-Dichlorobenzidine	6.639	252	67029	496.970	ng/ml	100
35) Chrysene	6.683	228	187087	513.721	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.683	149	103376	469.632	ng/ml	100
38) Benzo[b]fluoranthene	7.574	252	167143	511.626	ng/ml	97
39) Benzo[k]fluoranthene	7.601	252	165144	503.951	ng/ml	97
40) Benzo[a]pyrene	7.910	252	149403	514.715	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.306	276	122379	518.833	ng/ml	100
42) Dibenzo[a,h]anthracene	9.347	278	124962M1	551.578	ng/ml	
43) Benzo[g,h,i]perylene	9.673	276	129473	513.860	ng/ml	100

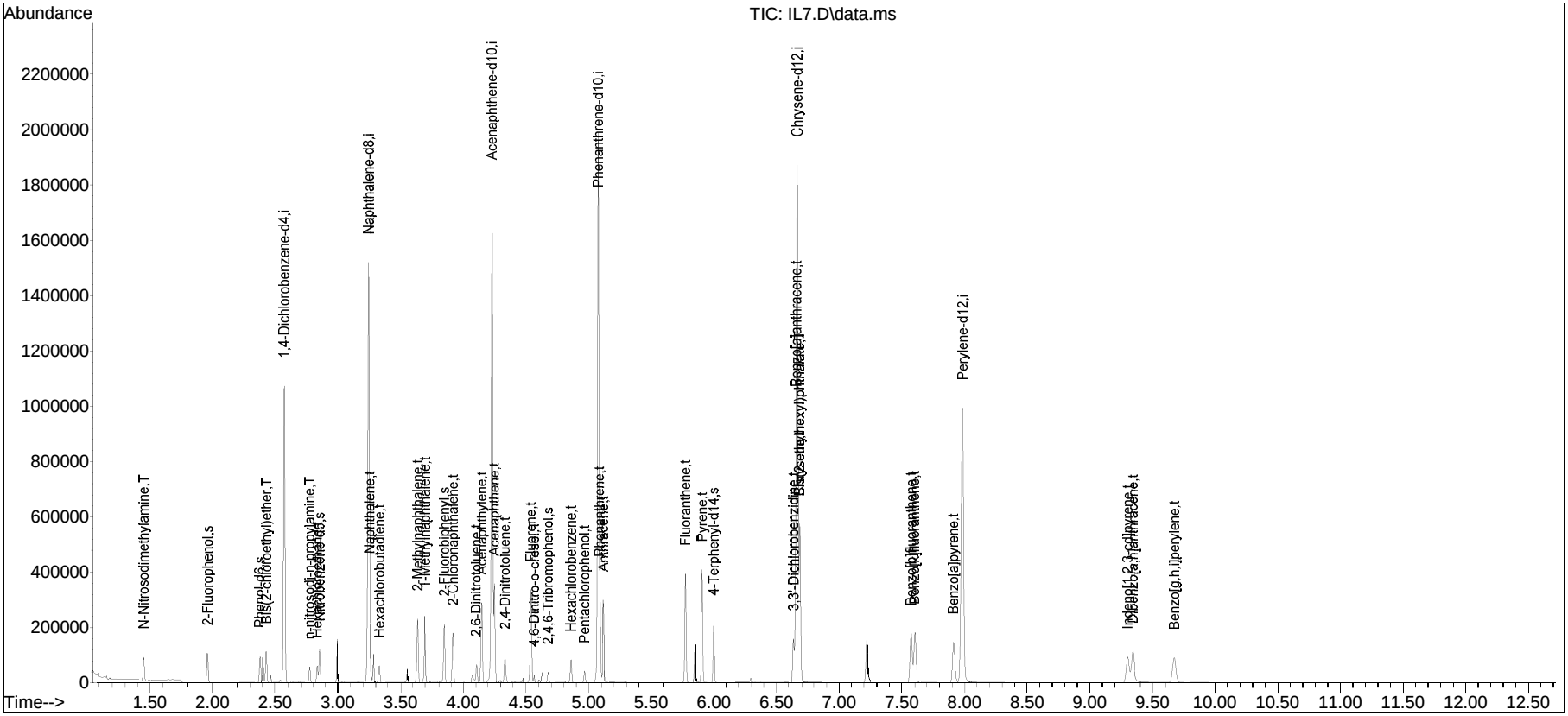
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL7.D
Acq On : 20 Nov 2025 05:21 pm
Operator : SV125:jjw
Sample : IL7,32,,0.5 Lot# 12037
Misc : WG2146402,,ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 10:46:45 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

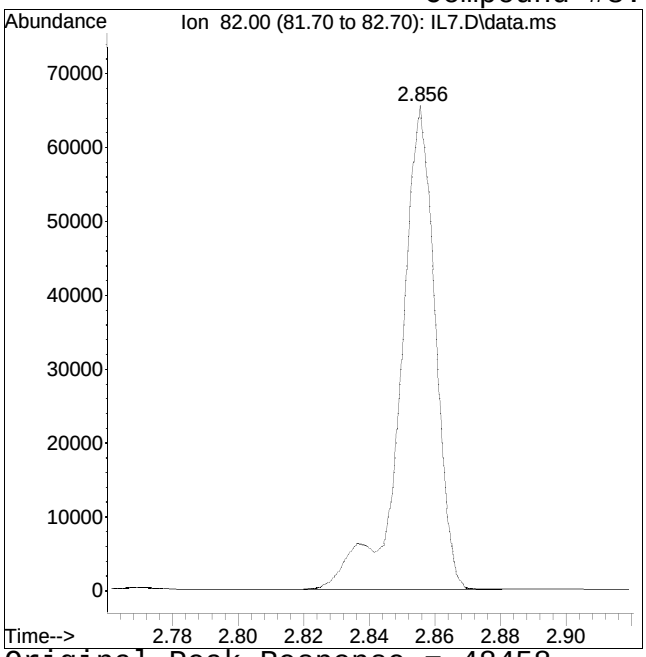
Sub List : Default - All compounds listedical\IL8.D•



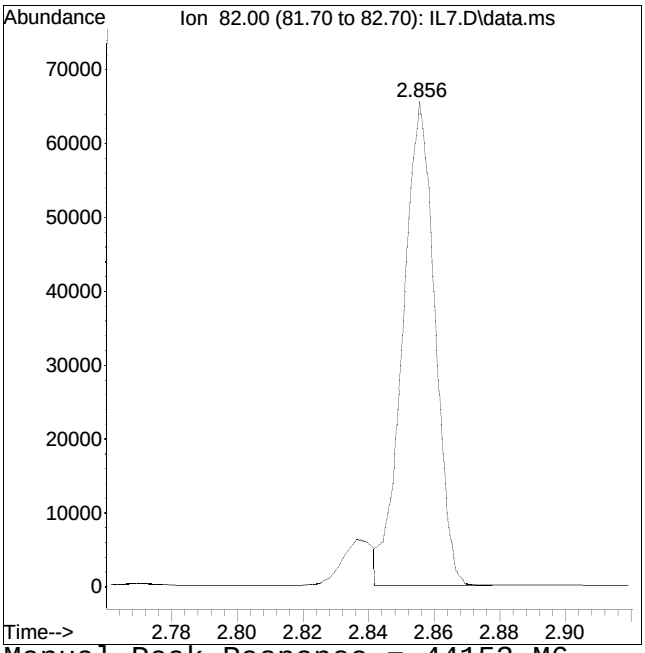
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL7.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:21 pm Instrument : SV125
Sample : IL7,32,,0.5 Lot# 12037 Quant Date : 11/25/2025 10:47 am

Compound #8: Nitrobenzene-d5



Original Peak Response = 48458



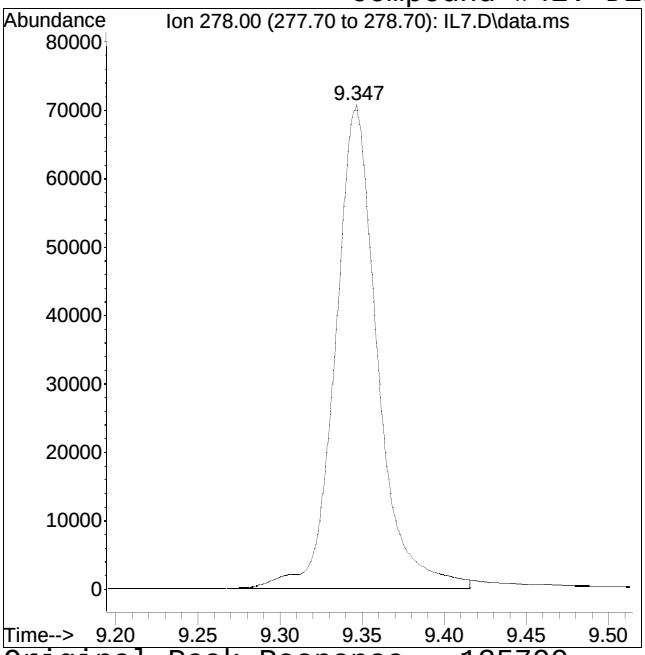
Manual Peak Response = 44153 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

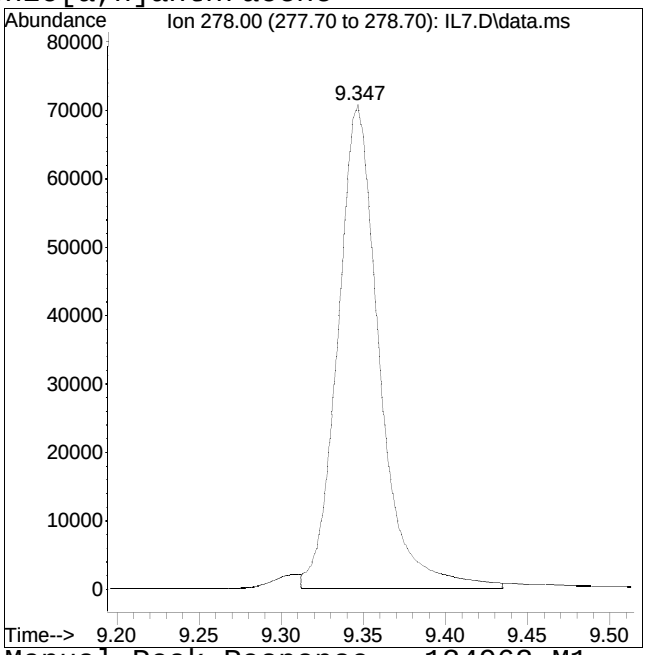
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL7.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:21 pm Instrument : SV125
Sample : IL7,32,,0.5 Lot# 12037 Quant Date : 11/25/2025 10:47 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 125799



Manual Peak Response = 124962 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL6.D
Acq On : 20 Nov 2025 05:39 pm
Operator : SV125:jjw
Sample : IL6,32,,0.1 Lot# 12038
Misc : WG2146402,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 25 11:09:32 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.569	152	292155	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 124.01%			
9) Naphthalene-d8	3.245	136	1037380	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 122.06%			
18) Acenaphthene-d10	4.229	164	576284	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 121.78%			
23) Phenanthrene-d10	5.072	188	1219194	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 123.55%			
32) Chrysene-d12	6.660	240	1038962	4000.000	ng/ml	0.00
Standard Area 1 = 836361			Recovery = 124.22%			
37) Perylene-d12	7.970	264	917227	4000.000	ng/ml	0.00
Standard Area 1 = 769176			Recovery = 119.25%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.962	112	8161	103.771	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 5.19%#			
4) Phenol-d6	2.376	99	10045	103.554	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 5.18%#			
8) Nitrobenzene-d5	2.855	82	8861M1	102.851	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 10.29%#			
14) 2-Fluorobiphenyl	3.847	172	23824	106.096	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 10.61%#			
22) 2,4,6-Tribromophenol	4.674	330	3244	102.161	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 5.11%#			
31) 4-Terphenyl-d14	5.995	244	25612	98.103	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 9.81%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.451	74	5422M4	106.181	ng/mL	
5) Bis(2-chloroethyl)ether	2.429	93	8614	106.304	ng/ml	98
6) n-nitrosodi-n-propylamine	2.772	70	6236	102.488	ng/ml	99
7) Hexachloroethane	2.836	117	3698	104.064	ng/ml	99
10) Naphthalene	3.254	128	28651	104.345	ng/ml	99
11) Hexachlorobutadiene	3.328	225	6029	107.420	ng/ml	100
12) 2-Methylnaphthalene	3.639	142	17934	105.086	ng/ml	100
13) 1-Methylnaphthalene	3.694	142	18219	104.839	ng/ml	99
15) 2-Chloronaphthalene	3.911	162	20797	107.338	ng/ml	100
16) 2,6-Dinitrotoluene	4.104	165	3842M6	92.063	ng/ml	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL6.D
Acq On : 20 Nov 2025 05:39 pm
Operator : SV125:jjw
Sample : IL6,32,,0.1 Lot# 12038
Misc : WG2146402,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 25 11:09:32 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
17) Acenaphthylene	4.146	152	32306	105.493	ng/ml	100
19) Acenaphthene	4.244	153	20728	103.492	ng/ml	91
20) 2,4-Dinitrotoluene	4.332	165	5120	90.850	ng/ml	93
21) Fluorene	4.537	166	23702	104.917	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.565	198	2293	97.437	ng/ml	95
25) Hexachlorobenzene	4.856	284	8413	104.877	ng/ml	94
26) Pentachlorophenol	4.968	266	2781	84.343	ng/ml	100
27) Phenanthrene	5.084	178	37622	108.523	ng/ml	95
28) Anthracene	5.113	178	36698	105.154	ng/ml	100
29) Fluoranthene	5.770	202	41823	102.049	ng/ml	100
30) Pyrene	5.903	202	43063	101.670	ng/ml	100
33) Benzo[a]anthracene	6.652	226	10967	99.990	ng/ml	92
34) 3,3'-Dichlorobenzidine	6.633	252	12415	96.489	ng/ml	100
35) Chrysene	6.676	228	38172	109.874	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.679	149	19453	92.638	ng/ml	96
38) Benzo[b]fluoranthene	7.564	252	32487	108.228	ng/ml	97
39) Benzo[k]fluoranthene	7.591	252	30796	102.279	ng/ml	97
40) Benzo[a]pyrene	7.900	252	27878	104.529	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.290	276	21975	101.395	ng/ml	99
42) Dibenzo[a,h]anthracene	9.327	278	21377M1	102.693	ng/ml	
43) Benzo[g,h,i]perylene	9.651	276	23695	102.350	ng/ml	100

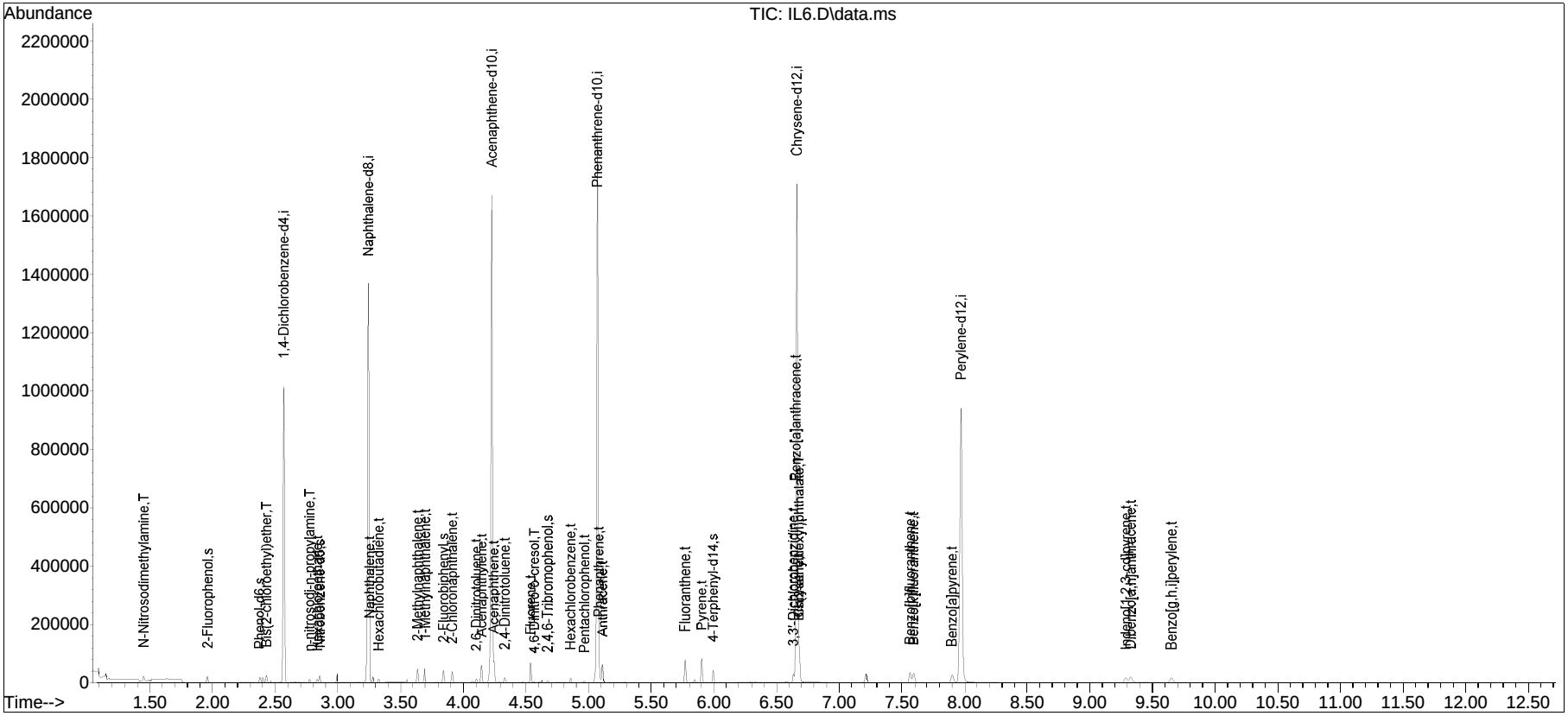
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL6.D
Acq On : 20 Nov 2025 05:39 pm
Operator : SV125:jjw
Sample : IL6,32,,0.1 Lot# 12038
Misc : WG2146402,,ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 25 11:09:32 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

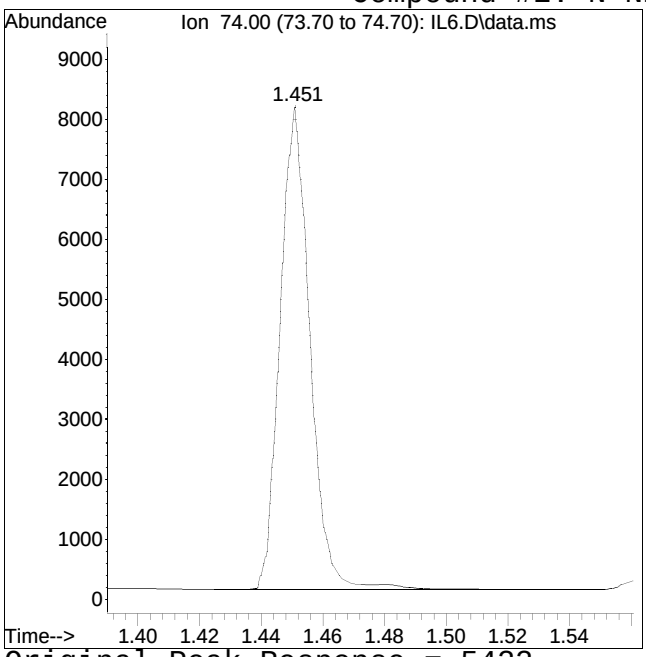
Sub List : Default - All compounds listedical\IL8.D•

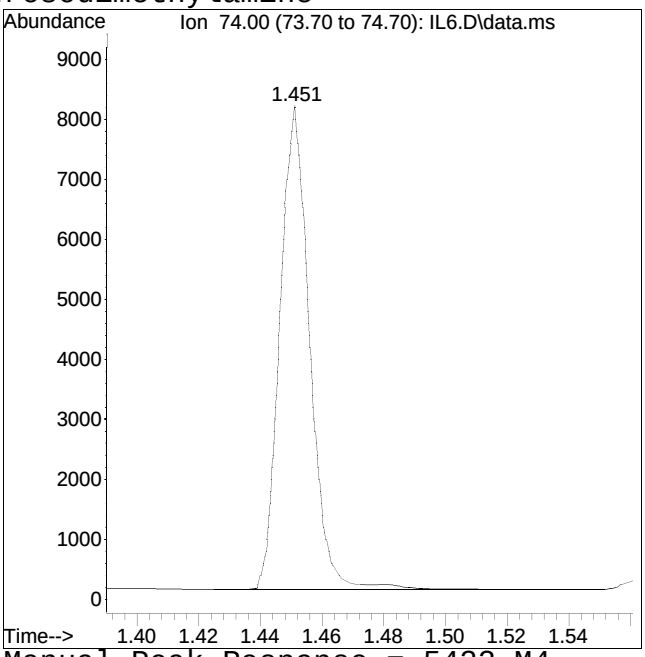


Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL6.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:39 pm Instrument : SV125
Sample : IL6,32,,0.1 Lot# 12038 Quant Date : 11/25/2025 10:47 am

Compound #2: N-Nitrosodimethylamine



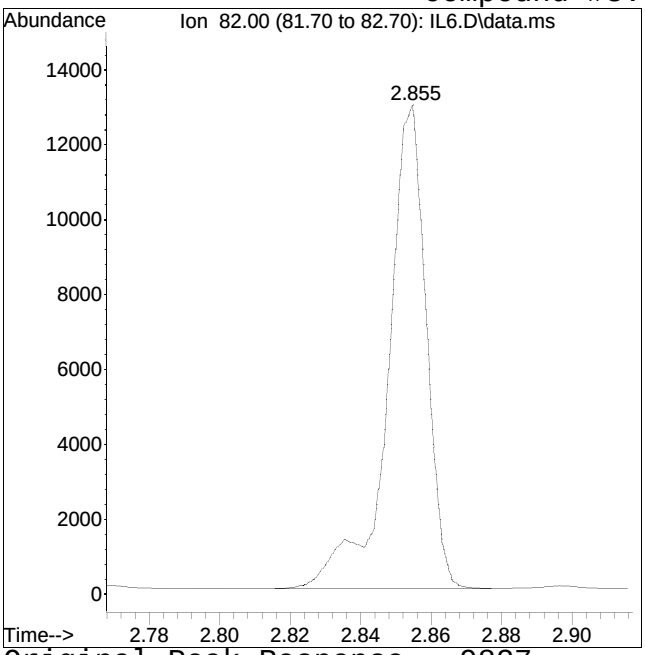


Original Peak Response = 5422 Manual Peak Response = 5422 M4
M4 = Poor automated baseline construction.

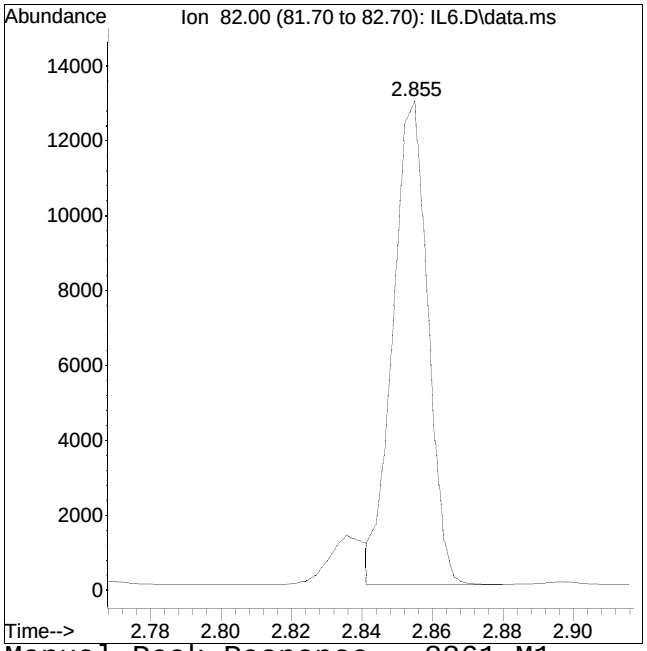
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL6.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:39 pm Instrument : SV125
Sample : IL6,32,,0.1 Lot# 12038 Quant Date : 11/25/2025 10:47 am

Compound #8: Nitrobenzene-d5



Original Peak Response = 9827



Manual Peak Response = 8861 M1

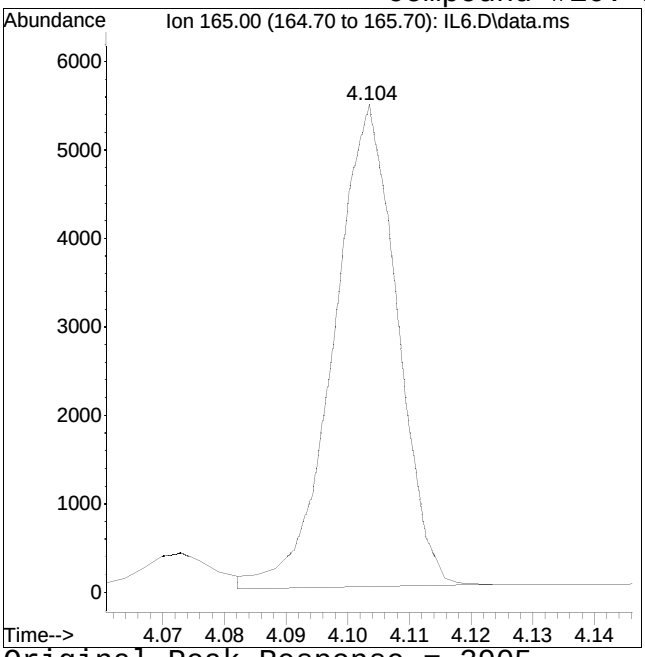
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

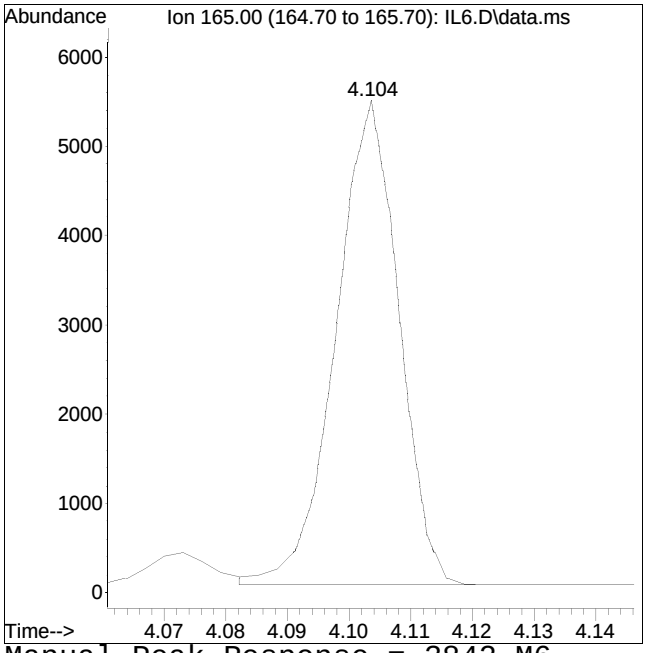
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL6.D
Date Inj'd : 11/20/2025 5:39 pm
Sample : IL6,32,,0.1 Lot# 12038

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:47 am

Compound #16: 2,6-Dinitrotoluene



Original Peak Response = 3905



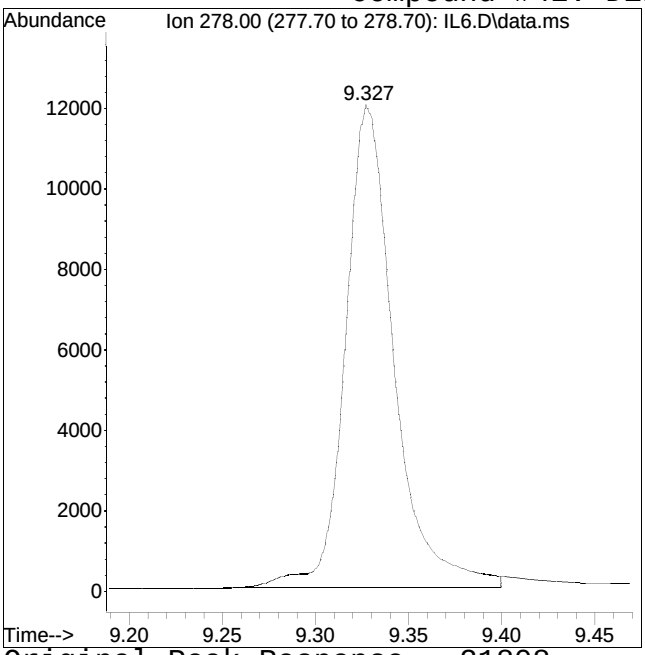
Manual Peak Response = 3842 M6

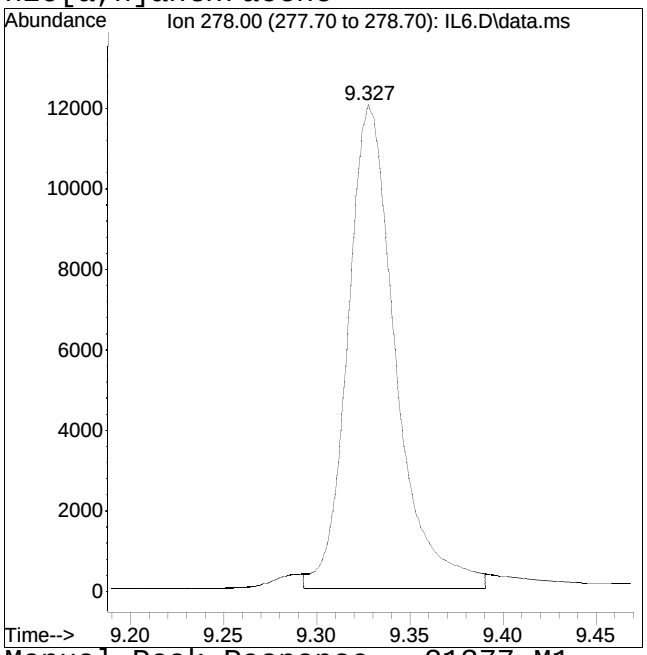
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL6.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:39 pm Instrument : SV125
Sample : IL6,32,,0.1 Lot# 12038 Quant Date : 11/25/2025 10:47 am

Compound #42: Dibenzo[a,h]anthracene





Original Peak Response = 21808 Manual Peak Response = 21377 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL5.D
Acq On : 20 Nov 2025 05:56 pm
Operator : SV125:jjw
Sample : IL5,32,,0.04 Lot# 12039
Misc : WG2146402,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 25 10:58:30 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.568	152	281700	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 119.58%			
9) Naphthalene-d8	3.241	136	1002747	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 117.99%			
18) Acenaphthene-d10	4.231	164	553862	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 117.04%			
23) Phenanthrene-d10	5.077	188	1160051	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 117.55%			
32) Chrysene-d12	6.651	240	1035691	4000.000	ng/ml	0.00
Standard Area 1 = 836361			Recovery = 123.83%			
37) Perylene-d12	7.936	264	906067	4000.000	ng/ml	-0.03
Standard Area 1 = 769176			Recovery = 117.80%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.962	112	2875	37.914	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 1.90%#			
4) Phenol-d6	2.375	99	3575	38.222	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 1.91%#			
8) Nitrobenzene-d5	2.854	82	3146	37.871	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 3.79%#			
14) 2-Fluorobiphenyl	3.846	172	8392	38.663	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 3.87%#			
22) 2,4,6-Tribromophenol	4.680	330	1130	37.027	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 1.85%#			
31) 4-Terphenyl-d14	5.991	244	9028	36.343	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 3.63%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.454	74	1890M4	38.386	ng/mL	
5) Bis(2-chloroethyl)ether	2.429	93	3069	39.280	ng/ml	98
6) n-nitrosodi-n-propylamine	2.771	70	2221	37.857	ng/ml	99
7) Hexachloroethane	2.835	117	1317	38.437	ng/ml	100
10) Naphthalene	3.254	128	10025	37.771	ng/ml	98
11) Hexachlorobutadiene	3.327	225	2086	38.450	ng/ml	97
12) 2-Methylnaphthalene	3.639	142	6303	38.208	ng/ml	100
13) 1-Methylnaphthalene	3.693	142	6417	38.201	ng/ml	100
15) 2-Chloronaphthalene	3.913	162	7270	38.818	ng/ml	99
16) 2,6-Dinitrotoluene	4.106	165	1358M6	33.665	ng/ml	
17) Acenaphthylene	4.149	152	11196	37.822	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL5.D
Acq On : 20 Nov 2025 05:56 pm
Operator : SV125:jjw
Sample : IL5,32,,0.04 Lot# 12039
Misc : WG2146402,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 25 10:58:30 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.249	153	7452	38.713	ng/ml	92
20) 2,4-Dinitrotoluene	4.335	165	1708	31.534	ng/ml	92
21) Fluorene	4.543	166	8263	38.057	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.567	198	721	43.141	ng/ml	98
25) Hexachlorobenzene	4.862	284	2909M6	38.113	ng/ml	
26) Pentachlorophenol	4.971	266	734M1	32.410	ng/ml	
27) Phenanthrene	5.089	178	13414M7	40.666	ng/ml	
28) Anthracene	5.116	178	12648	38.089	ng/ml	99
29) Fluoranthene	5.770	202	14833	38.038	ng/ml	98
30) Pyrene	5.900	202	15420	38.262	ng/ml	100
33) Benzo[a]anthracene	6.643	226	4083	36.116	ng/ml#	78
34) 3,3'-Dichlorobenzidine	6.624	252	4134	32.231	ng/ml	96
35) Chrysene	6.668	228	13715	39.602	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	7.536	252	11252	37.947	ng/ml	97
39) Benzo[k]fluoranthene	7.563	252	11176M1	37.575	ng/ml	
40) Benzo[a]pyrene	7.866	252	9752	37.016	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.229	276	7667	35.812	ng/ml	100
42) Dibenzo[a,h]anthracene	9.270	278	7517M1	36.556	ng/ml	
43) Benzo[g,h,i]perylene	9.584	276	8263	36.132	ng/ml	100

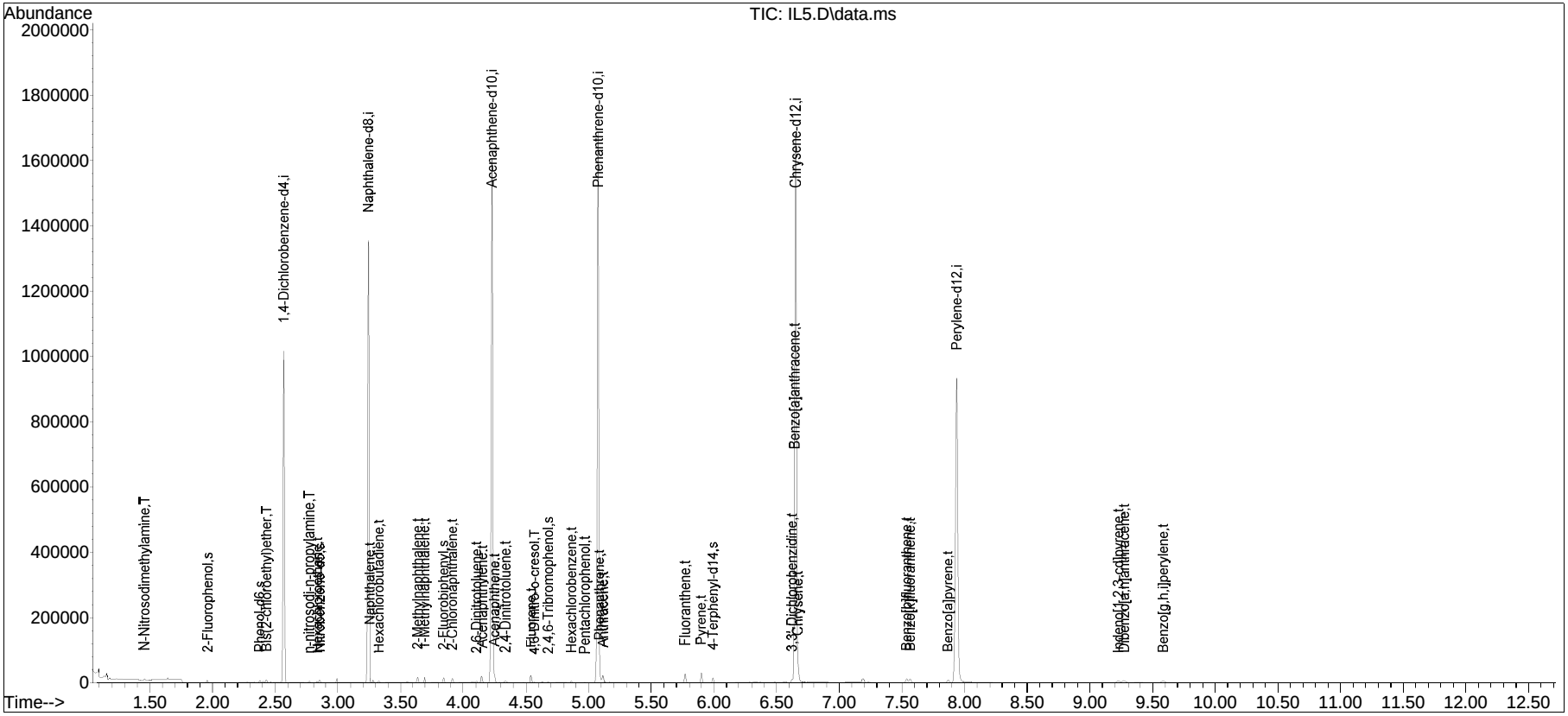
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL5.D
Acq On : 20 Nov 2025 05:56 pm
Operator : SV125:jjw
Sample : IL5,32,,0.04 Lot# 12039
Misc : WG2146402,,ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 25 10:58:30 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

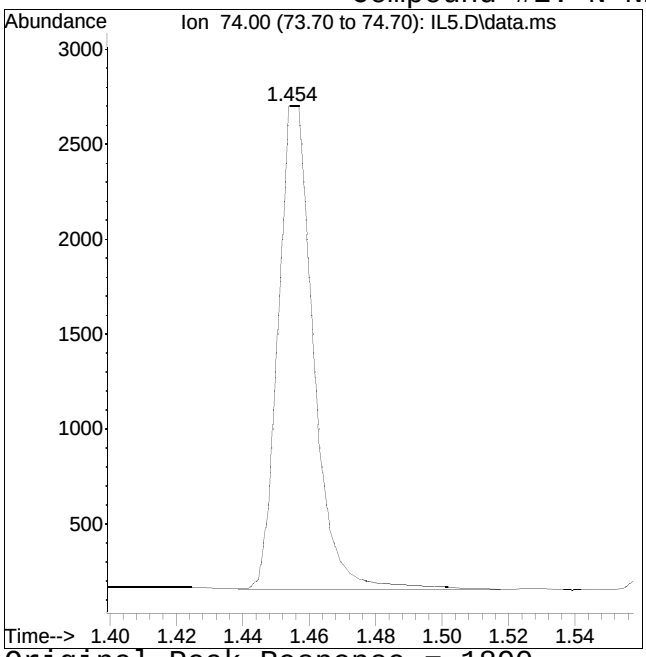
Sub List : Default - All compounds listedical\IL8.D•

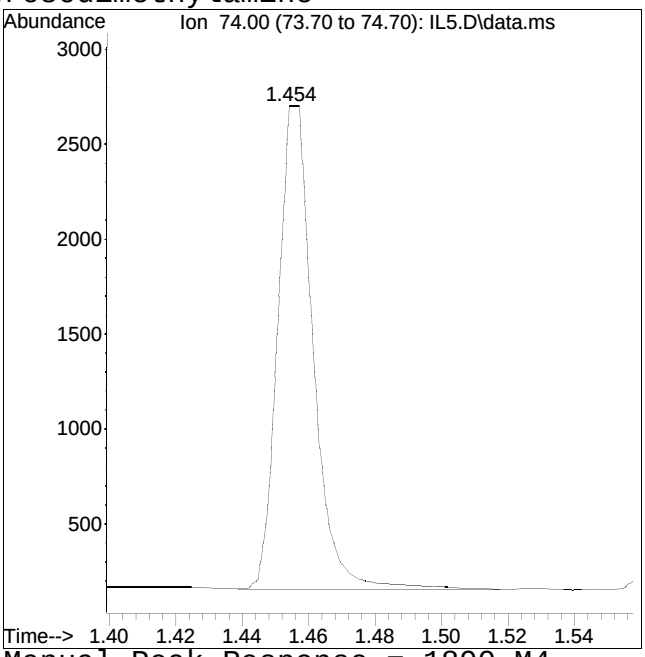


Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL5.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:56 pm Instrument : SV125
Sample : IL5,32,,0.04 Lot# 12039 Quant Date : 11/25/2025 10:46 am

Compound #2: N-Nitrosodimethylamine





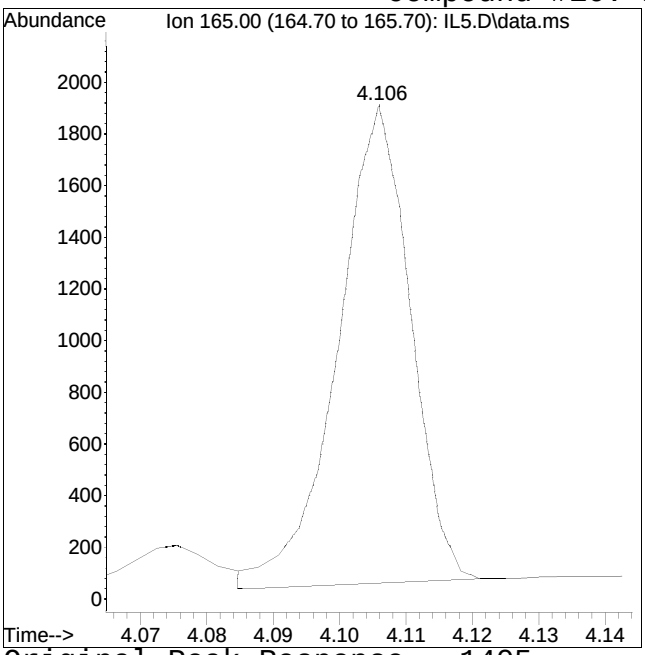
Original Peak Response = 1890 Manual Peak Response = 1890 M4
M4 = Poor automated baseline construction.

Manual Integration Report

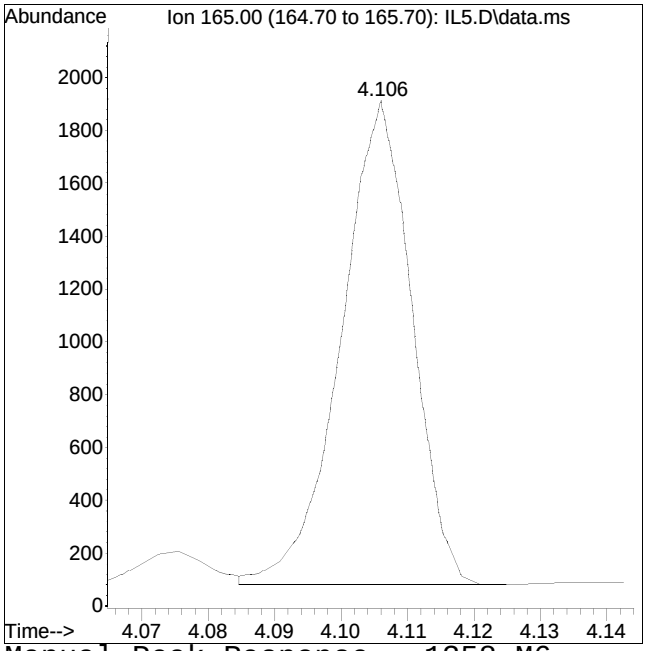
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL5.D
Date Inj'd : 11/20/2025 5:56 pm
Sample : IL5,32,,0.04 Lot# 12039

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #16: 2,6-Dinitrotoluene



Original Peak Response = 1405



Manual Peak Response = 1358 M6

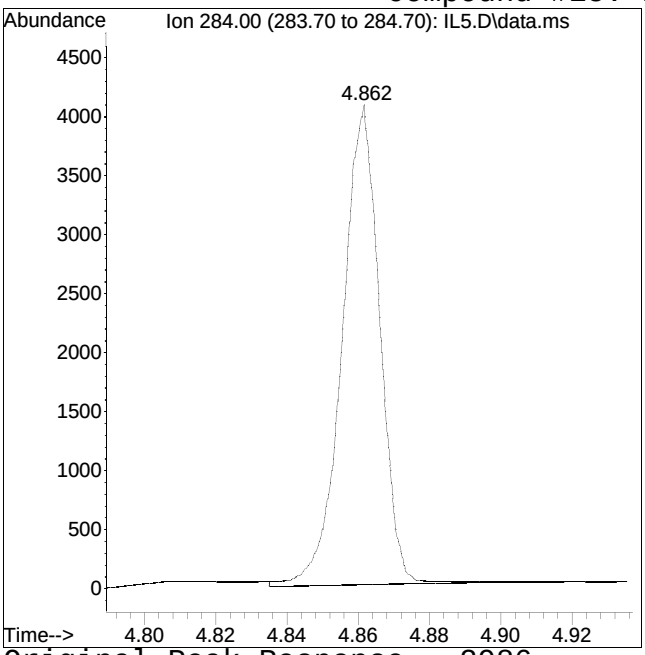
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

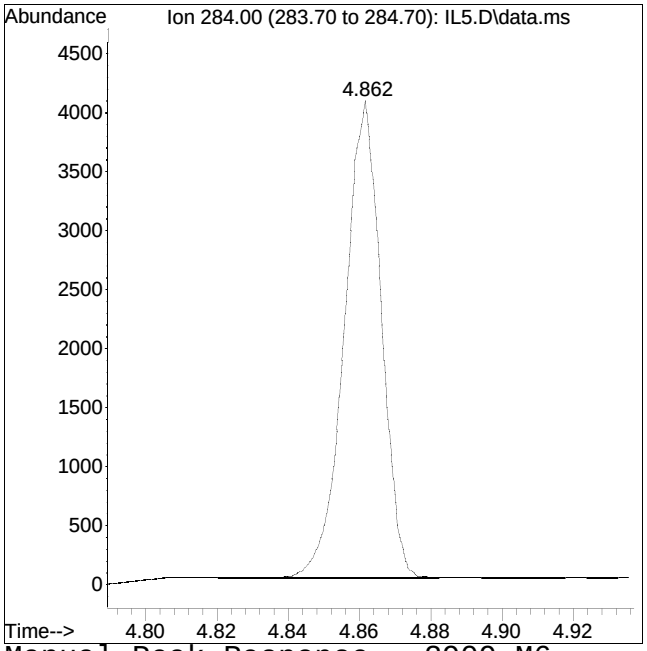
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL5.D
Date Inj'd : 11/20/2025 5:56 pm
Sample : IL5,32,,0.04 Lot# 12039

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #25: Hexachlorobenzene



Original Peak Response = 2986



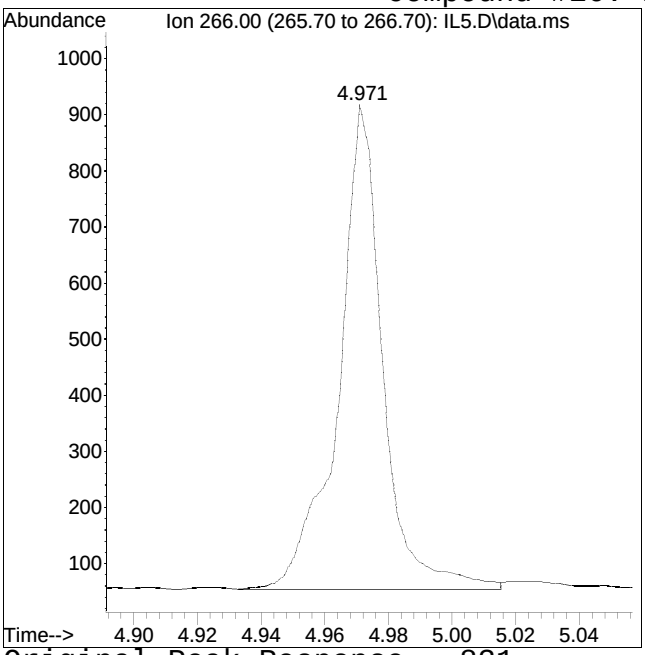
Manual Peak Response = 2909 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

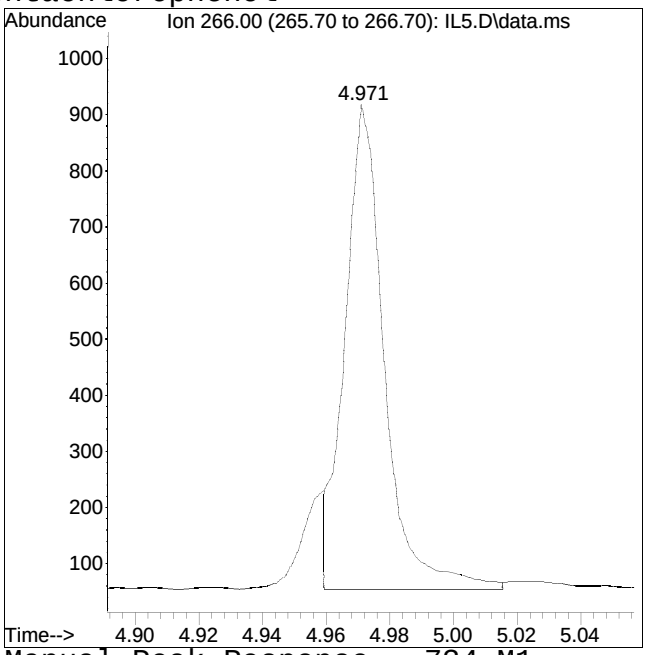
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL5.D
Date Inj'd : 11/20/2025 5:56 pm
Sample : IL5,32,,0.04 Lot# 12039
Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #26: Pentachlorophenol



Original Peak Response = 831



Manual Peak Response = 734 M1

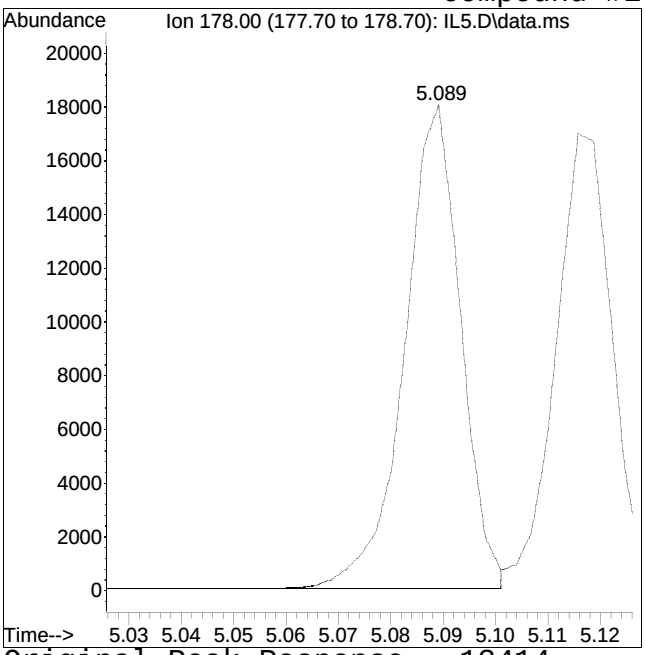
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

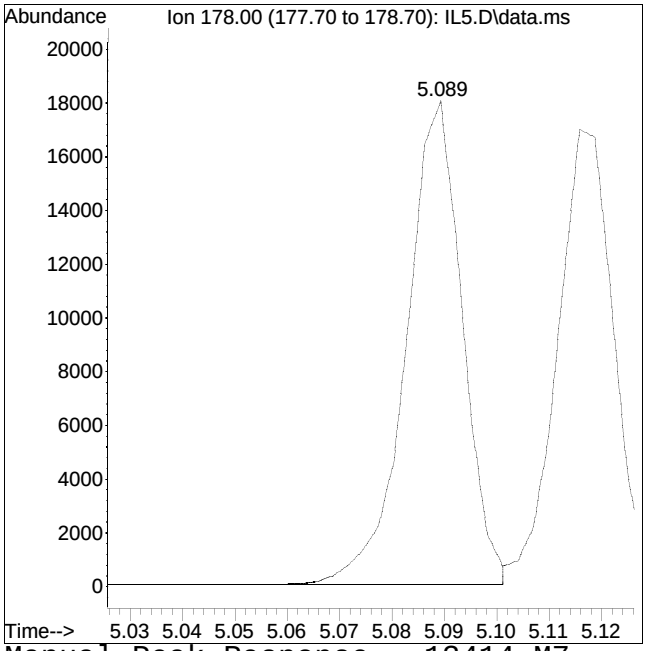
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL5.D
Date Inj'd : 11/20/2025 5:56 pm
Sample : IL5,32,,0.04 Lot# 12039

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #27: Phenanthrene



Original Peak Response = 13414



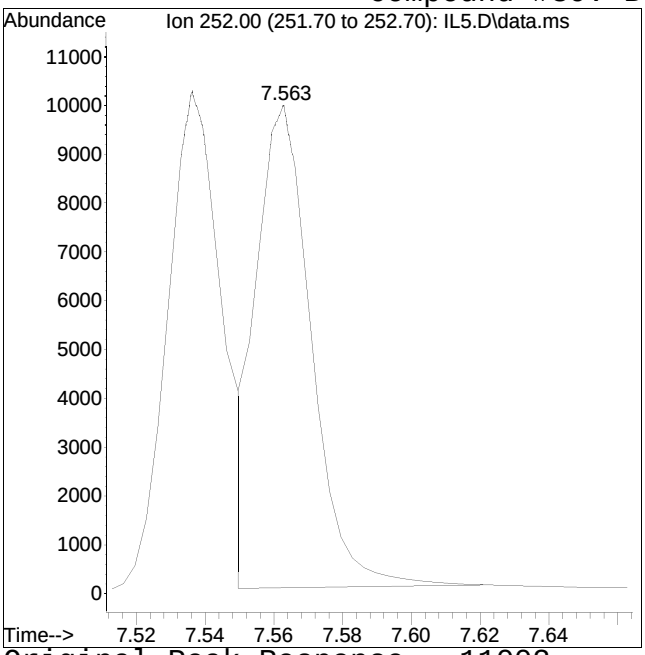
Manual Peak Response = 13414 M7

M7 = A qualifier ion was manually integrated (only for GC/MS data).

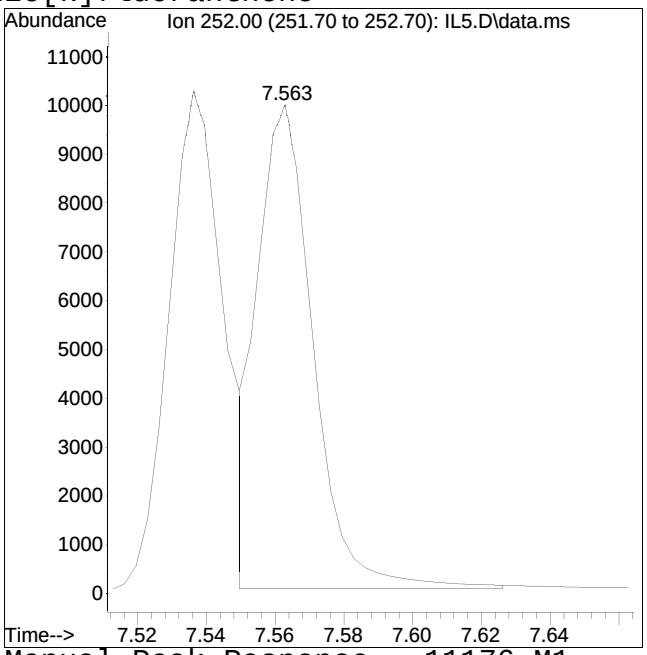
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL5.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 5:56 pm Instrument : SV125
Sample : IL5,32,,0.04 Lot# 12039 Quant Date : 11/25/2025 10:46 am

Compound #39: Benzo[k]fluoranthene



Original Peak Response = 11002



Manual Peak Response = 11176 M1

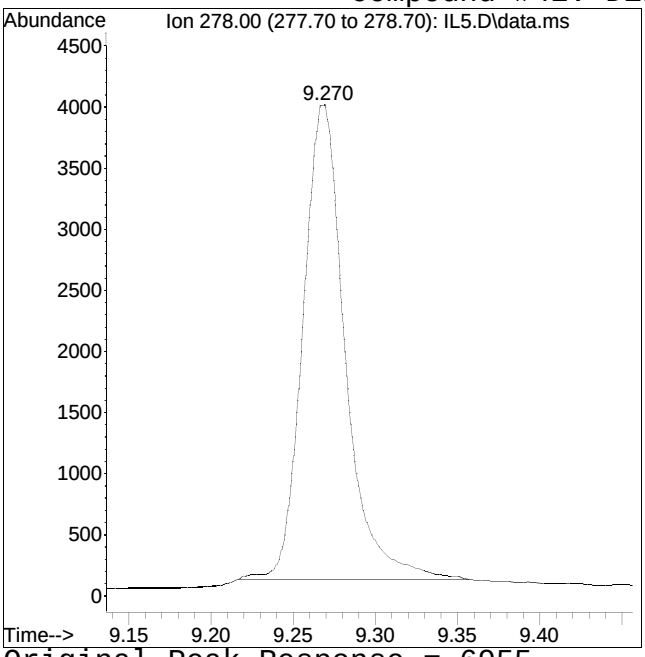
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

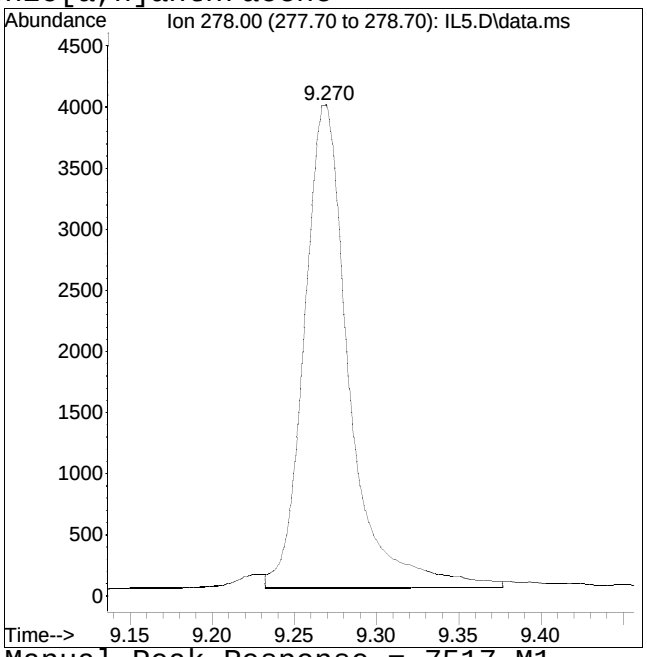
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL5.D
Date Inj'd : 11/20/2025 5:56 pm
Sample : IL5,32,,0.04 Lot# 12039

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 6955



Manual Peak Response = 7517 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL4.D
Acq On : 20 Nov 2025 06:13 pm
Operator : SV125:jjw
Sample : IL4,32,,0.01 Lot# 12040
Misc : WG2146402,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 10:58:04 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.569	152	280069	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery	= 118.88%		
9) Naphthalene-d8	3.241	136	991867	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery	= 116.71%		
18) Acenaphthene-d10	4.225	164	544605	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery	= 115.08%		
23) Phenanthrene-d10	5.066	188	1146409	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery	= 116.17%		
32) Chrysene-d12	6.643	240	1023324	4000.000	ng/ml	-0.01
Standard Area 1 = 836361			Recovery	= 122.35%		
37) Perylene-d12	7.932	264	901406	4000.000	ng/ml	-0.04
Standard Area 1 = 769176			Recovery	= 117.19%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.965	112	734	9.736	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.49%#		
4) Phenol-d6	2.376	99	923	9.926	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.50%#		
8) Nitrobenzene-d5	2.854	82	774	9.372	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.94%#		
14) 2-Fluorobiphenyl	3.843	172	2130	9.921	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.99%#		
22) 2,4,6-Tribromophenol	4.671	330	293	9.764	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 0.49%#		
31) 4-Terphenyl-d14	5.983	244	2411	9.821	ng/ml	-0.01
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 0.98%#		
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.000		0	N.D.	d	
5) Bis(2-chloroethyl)ether	2.429	93	783	10.080	ng/ml	98
6) n-nitrosodi-n-propylamine	2.774	70	559	9.584	ng/ml	98
7) Hexachloroethane	2.835	117	336	9.863	ng/ml	97
10) Naphthalene	3.251	128	2698	10.277	ng/ml#	93
11) Hexachlorobutadiene	3.327	225	542	10.100	ng/ml	99
12) 2-Methylnaphthalene	3.636	142	1632	10.002	ng/ml	99
13) 1-Methylnaphthalene	3.690	142	1664	10.015	ng/ml	100
15) 2-Chloronaphthalene	3.907	162	1872	10.105	ng/ml	98
16) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
17) Acenaphthylene	4.143	152	2907	9.928	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL4.D
Acq On : 20 Nov 2025 06:13 pm
Operator : SV125:jjw
Sample : IL4,32,,0.01 Lot# 12040
Misc : WG2146402,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 10:58:04 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.240	153	1785M6	9.431	ng/ml	
20) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
21) Fluorene	4.534	166	2172	10.174	ng/ml	99
24) 4,6-Dinitro-o-cresol	0.000		0	N.D.	d	
25) Hexachlorobenzene	4.853	284	764M6	10.129	ng/ml	
26) Pentachlorophenol	4.965	266	71M4	14.354	ng/ml	
27) Phenanthrene	5.077	178	3325M4	10.200	ng/ml	
28) Anthracene	5.107	178	3248	9.898	ng/ml	99
29) Fluoranthene	5.761	202	3923	10.180	ng/ml	100
30) Pyrene	5.891	202	4071	10.222	ng/ml	100
33) Benzo[a]anthracene	6.635	226	1190	9.272	ng/ml#	10
34) 3,3'-Dichlorobenzidine	0.000		0	N.D.	d	
35) Chrysene	6.660	228	3279	9.582	ng/ml	97
36) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	7.533	252	2712	9.193	ng/ml	99
39) Benzo[k]fluoranthene	7.556	252	2906M4	9.821	ng/ml	
40) Benzo[a]pyrene	7.863	252	2459	9.382	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.233	276	1852	8.695	ng/ml	98
42) Dibenzo[a,h]anthracene	9.270	278	1736M4	8.486	ng/ml	
43) Benzo[g,h,i]perylene	9.591	276	2090	9.186	ng/ml	99

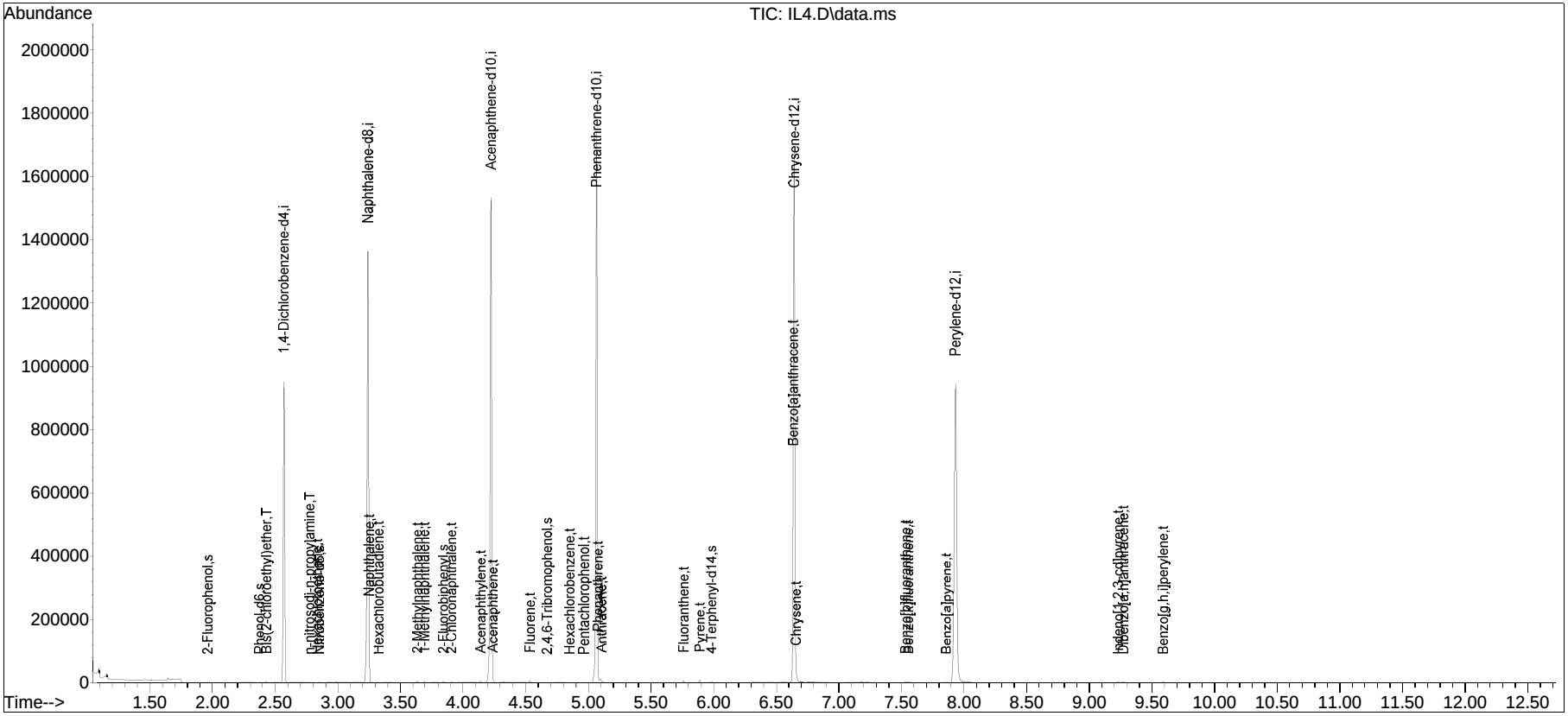
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL4.D
Acq On : 20 Nov 2025 06:13 pm
Operator : SV125:jjw
Sample : IL4,32,,0.01 Lot# 12040
Misc : WG2146402,,ical
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 10:58:04 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

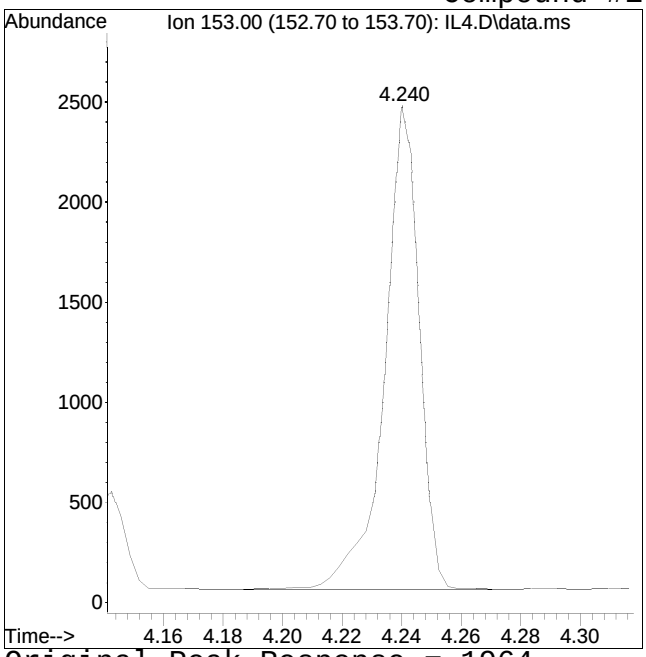
Sub List : Default - All compounds listedical\IL8.D•



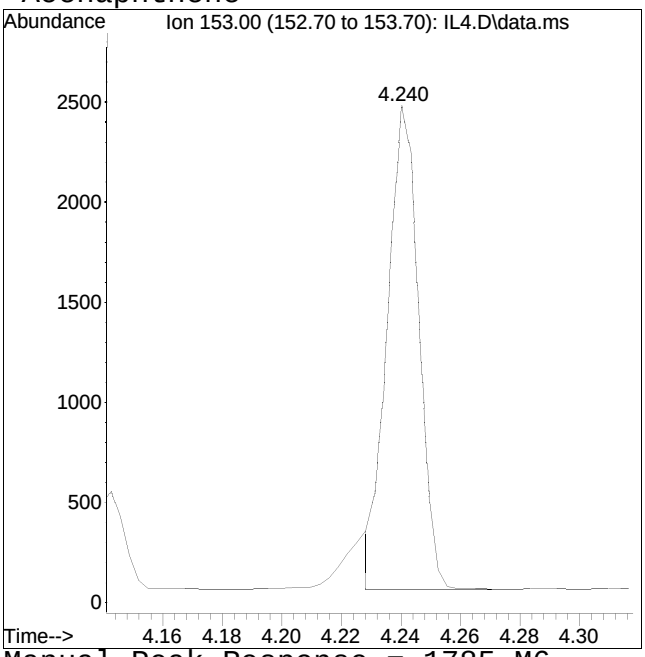
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL4.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:13 pm Instrument : SV125
Sample : IL4,32,,0.01 Lot# 12040 Quant Date : 11/25/2025 10:46 am

Compound #19: Acenaphthene



Original Peak Response = 1964



Manual Peak Response = 1785 M6

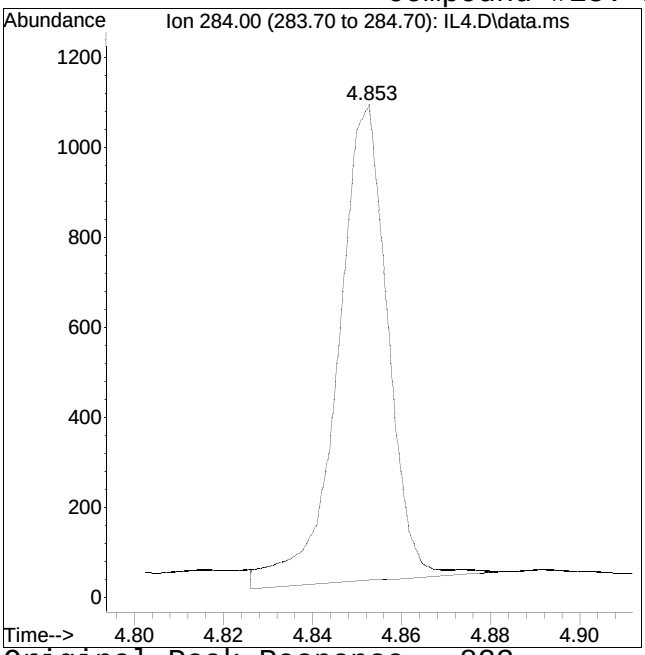
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

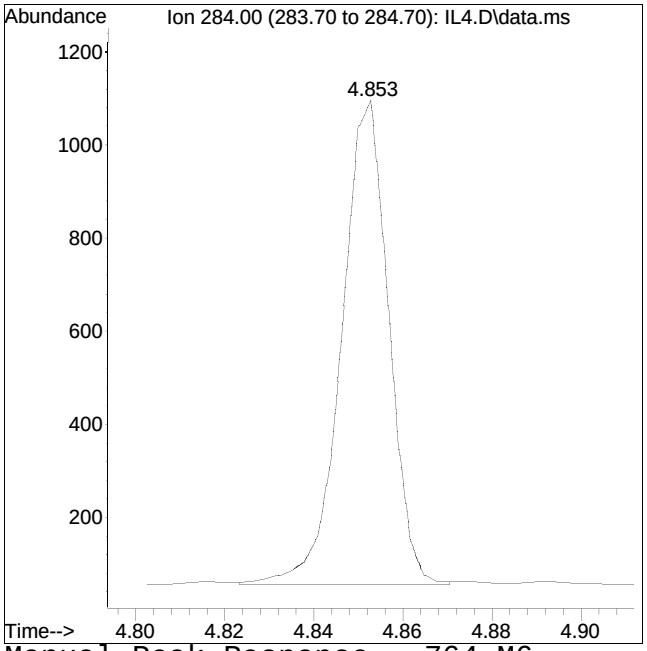
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL4.D
Date Inj'd : 11/20/2025 6:13 pm
Sample : IL4,32,,0.01 Lot# 12040

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #25: Hexachlorobenzene



Original Peak Response = 823



Manual Peak Response = 764 M6

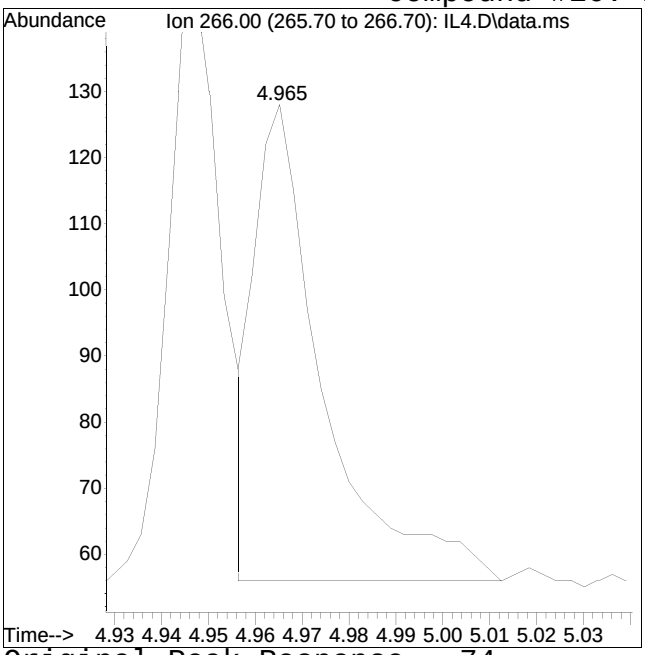
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

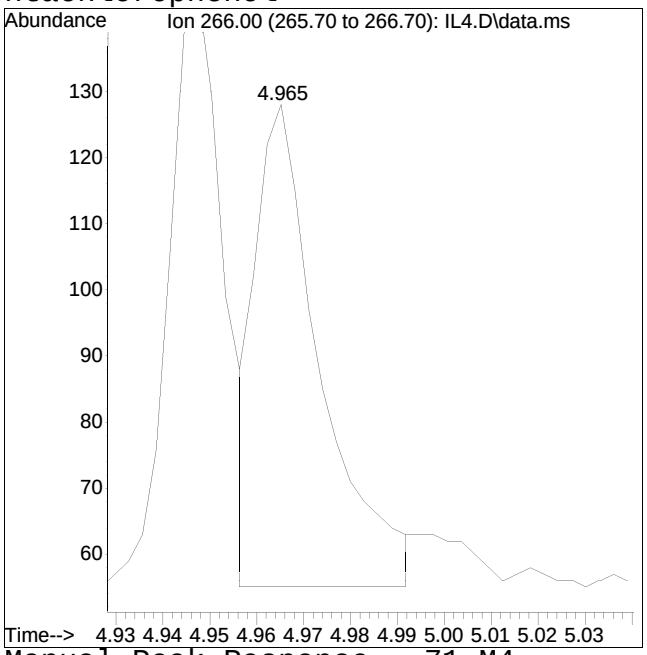
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL4.D
Date Inj'd : 11/20/2025 6:13 pm
Sample : IL4,32,,0.01 Lot# 12040

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #26: Pentachlorophenol



Original Peak Response = 74



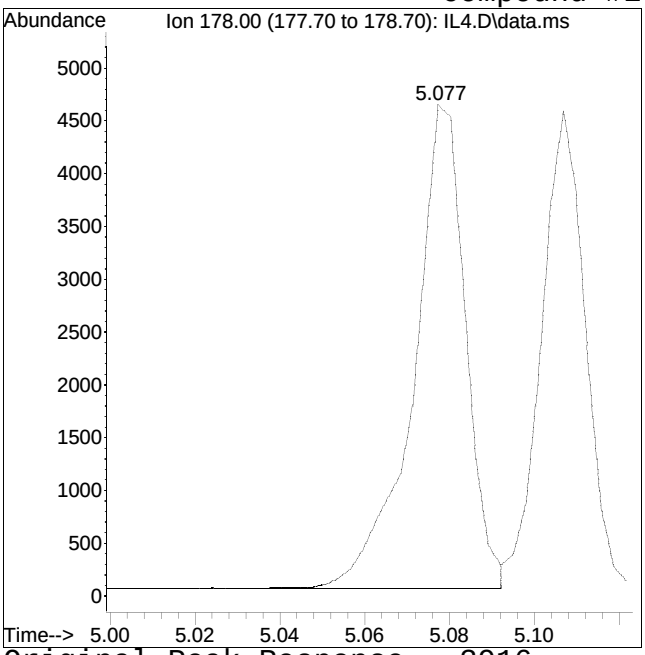
Manual Peak Response = 71 M4

M4 = Poor automated baseline construction.

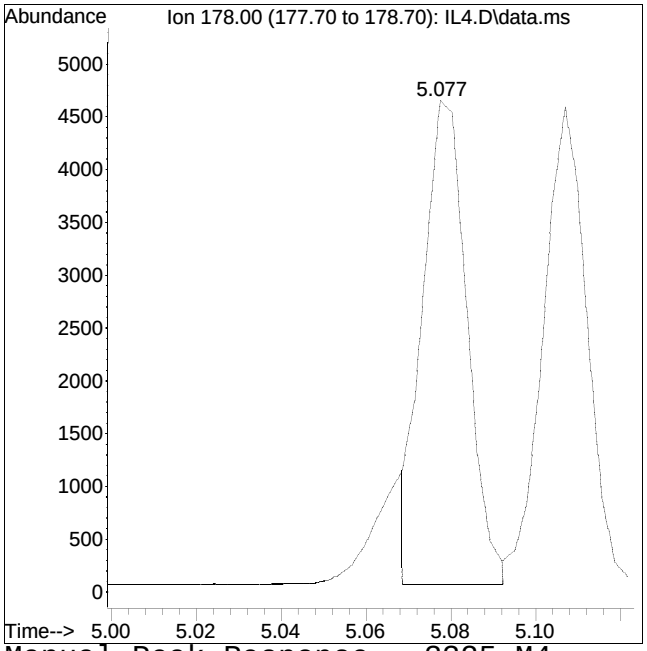
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL4.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:13 pm Instrument : SV125
Sample : IL4,32,,0.01 Lot# 12040 Quant Date : 11/25/2025 10:46 am

Compound #27: Phenanthrene



Original Peak Response = 3916



Manual Peak Response = 3325 M4

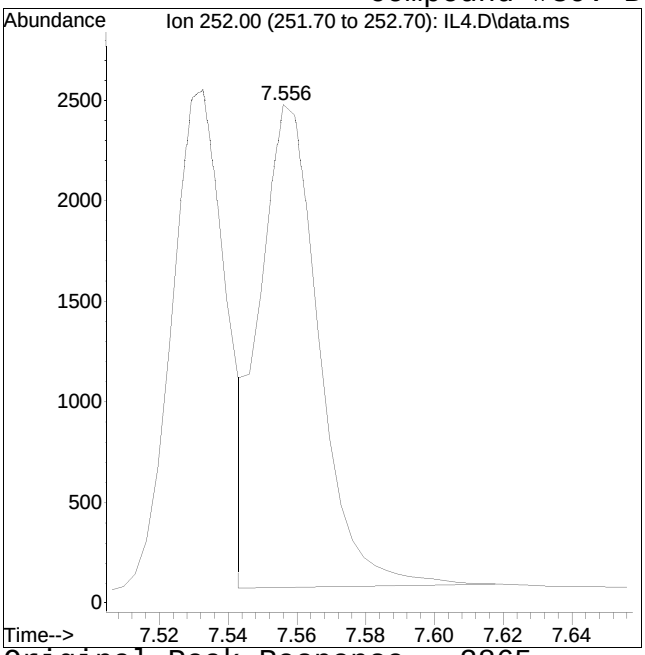
M4 = Poor automated baseline construction.

Manual Integration Report

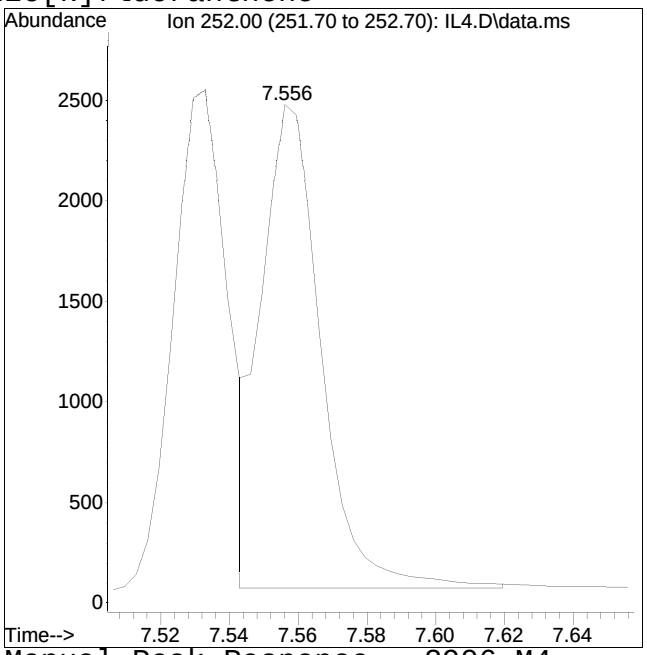
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL4.D
Date Inj'd : 11/20/2025 6:13 pm
Sample : IL4,32,,0.01 Lot# 12040

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #39: Benzo[k]fluoranthene



Original Peak Response = 2865



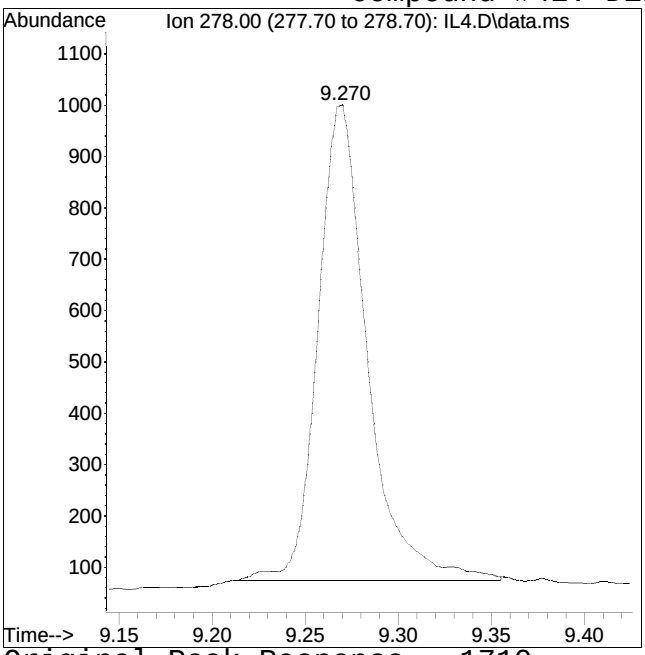
Manual Peak Response = 2906 M4

M4 = Poor automated baseline construction.

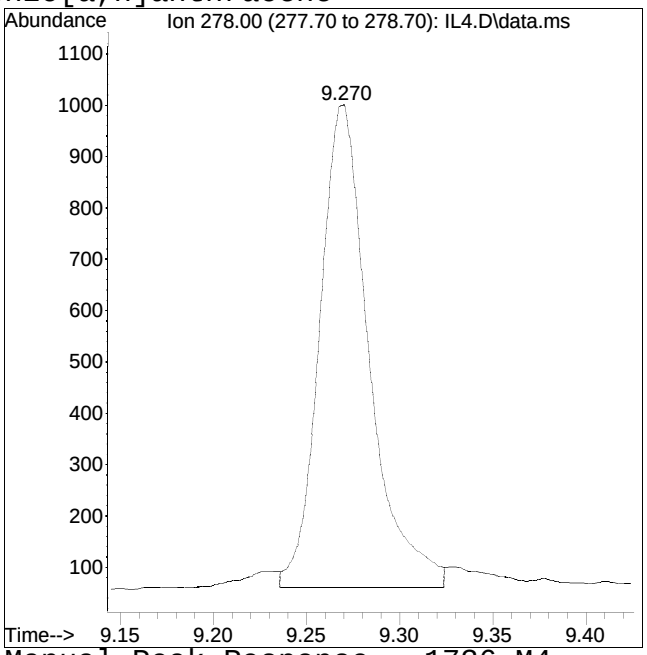
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL4.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:13 pm Instrument : SV125
Sample : IL4,32,,0.01 Lot# 12040 Quant Date : 11/25/2025 10:46 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 1710



Manual Peak Response = 1736 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL3.D
Acq On : 20 Nov 2025 06:31 pm
Operator : SV125:jjw
Sample : IL3,32,,0.005 Lot# 12041
Misc : WG2146402,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 25 10:57:00 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.569	152	274297	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 116.43%			
9) Naphthalene-d8	3.240	136	972066	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 114.38%			
18) Acenaphthene-d10	4.221	164	535185	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 113.09%			
23) Phenanthrene-d10	5.065	188	1121938	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 113.69%			
32) Chrysene-d12	6.640	240	1002426	4000.000	ng/ml	-0.02
Standard Area 1 = 836361			Recovery = 119.86%			
37) Perylene-d12	7.923	264	876989	4000.000	ng/ml	-0.05
Standard Area 1 = 769176			Recovery = 114.02%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.962	112	348	4.713	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.24%#			
4) Phenol-d6	2.373	99	442	4.853	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.24%#			
8) Nitrobenzene-d5	2.854	82	370	4.574	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.46%#			
14) 2-Fluorobiphenyl	3.839	172	1020	4.848	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.48%#			
22) 2,4,6-Tribromophenol	4.667	330	128	4.341	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.22%#			
31) 4-Terphenyl-d14	5.982	244	1146	4.770	ng/ml	-0.01
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.48%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.000		0	N.D.	d	
5) Bis(2-chloroethyl)ether	2.429	93	381	5.008	ng/ml	97
6) n-nitrosodi-n-propylamine	2.773	70	291	5.094	ng/ml	98
7) Hexachloroethane	2.834	117	168	5.035	ng/ml	92
10) Naphthalene	3.250	128	1274	4.952	ng/ml#	89
11) Hexachlorobutadiene	3.326	225	258	4.906	ng/ml	99
12) 2-Methylnaphthalene	3.635	142	794	4.965	ng/ml	98
13) 1-Methylnaphthalene	3.690	142	802	4.925	ng/ml	99
15) 2-Chloronaphthalene	3.906	162	876	4.825	ng/ml	96
16) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
17) Acenaphthylene	4.139	152	1361	4.743	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL3.D
Acq On : 20 Nov 2025 06:31 pm
Operator : SV125:jjw
Sample : IL3,32,,0.005 Lot# 12041
Misc : WG2146402,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 25 10:57:00 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.240	153	871M6	4.683	ng/ml	
20) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
21) Fluorene	4.530	166	1034M4	4.928	ng/ml	
24) 4,6-Dinitro-o-cresol	0.000		0	N.D.	d	
25) Hexachlorobenzene	4.849	284	364M6	4.931	ng/ml	
26) Pentachlorophenol	0.000		0	N.D.		
27) Phenanthrene	5.077	178	1554M1	4.871	ng/ml	
28) Anthracene	5.106	178	1579	4.917	ng/ml	98
29) Fluoranthene	5.757	202	1878	4.980	ng/ml	98
30) Pyrene	5.890	202	1964	5.039	ng/ml	98
33) Benzo[a]anthracene	6.635	226	725	5.026	ng/ml#	1
34) 3,3'-Dichlorobenzidine	0.000		0	N.D.	d	
35) Chrysene	6.656	228	1533	4.573	ng/ml	97
36) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	7.526	252	1293	4.505	ng/ml	96
39) Benzo[k]fluoranthene	7.550	252	1367M1	4.748	ng/ml	
40) Benzo[a]pyrene	7.856	252	1118	4.384	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.216	276	846	4.083	ng/ml	99
42) Dibenzo[a,h]anthracene	9.254	278	805M6	4.045	ng/ml	
43) Benzo[g,h,i]perylene	9.575	276	945	4.269	ng/ml	92

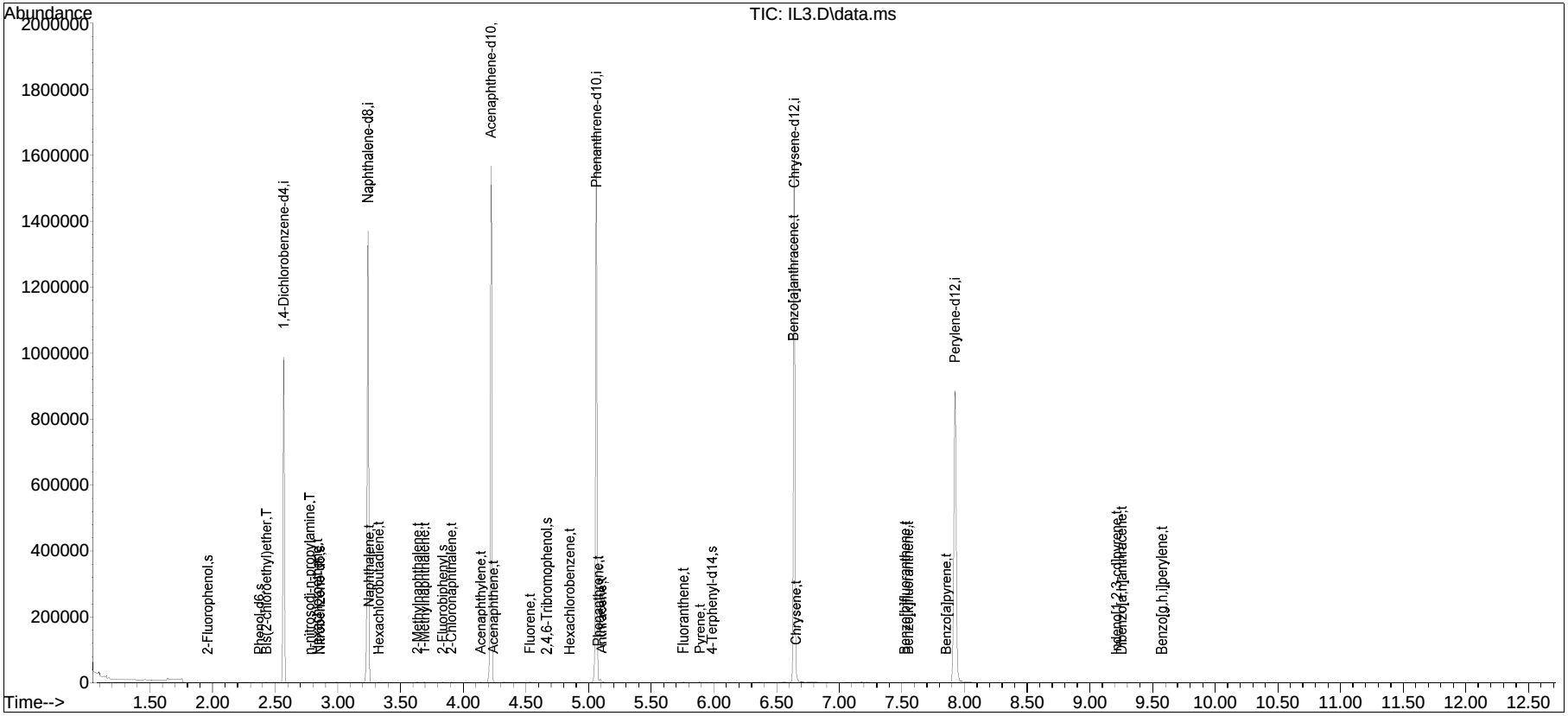
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL3.D
Acq On : 20 Nov 2025 06:31 pm
Operator : SV125:jjw
Sample : IL3,32,,0.005 Lot# 12041
Misc : WG2146402,,ical
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 25 10:57:00 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

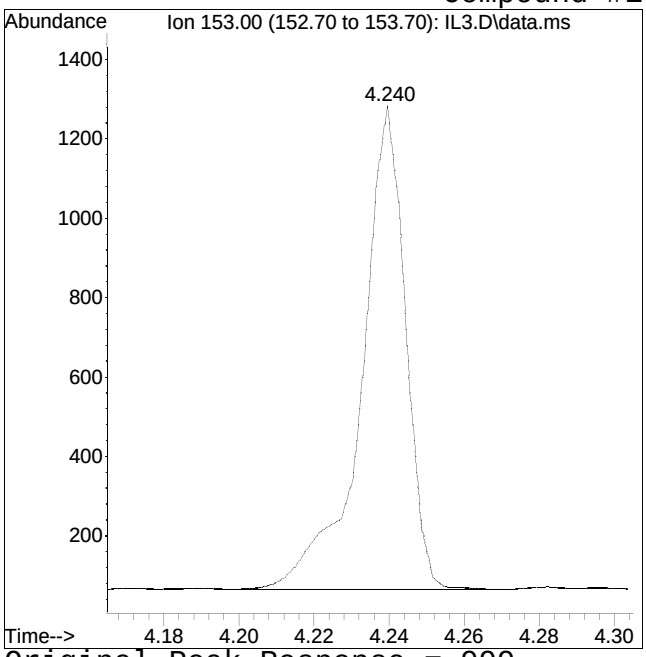
Sub List : Default - All compounds listedical\IL8.D•



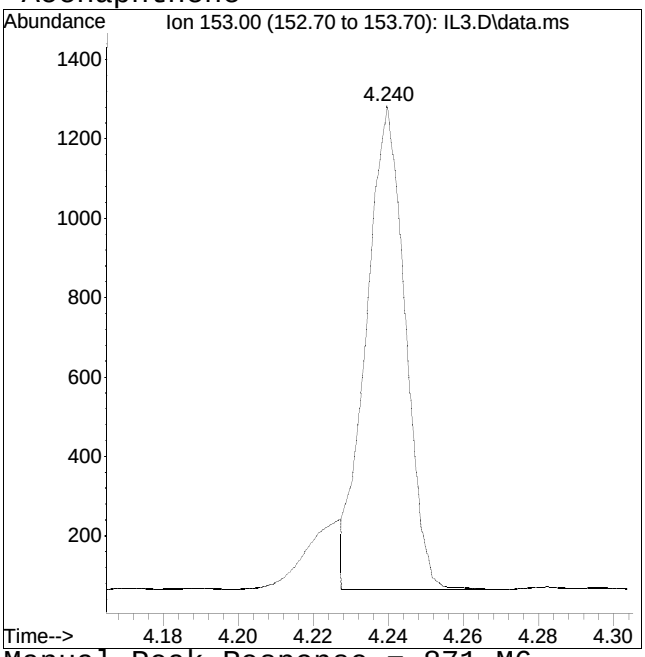
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL3.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:31 pm Instrument : SV125
Sample : IL3,32,,0.005 Lot# 12041 Quant Date : 11/25/2025 10:46 am

Compound #19: Acenaphthene



Original Peak Response = 999



Manual Peak Response = 871 M6

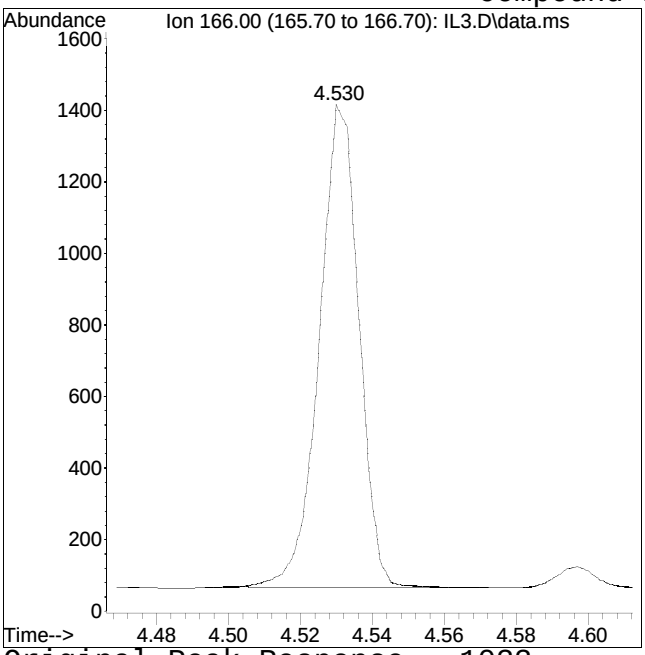
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

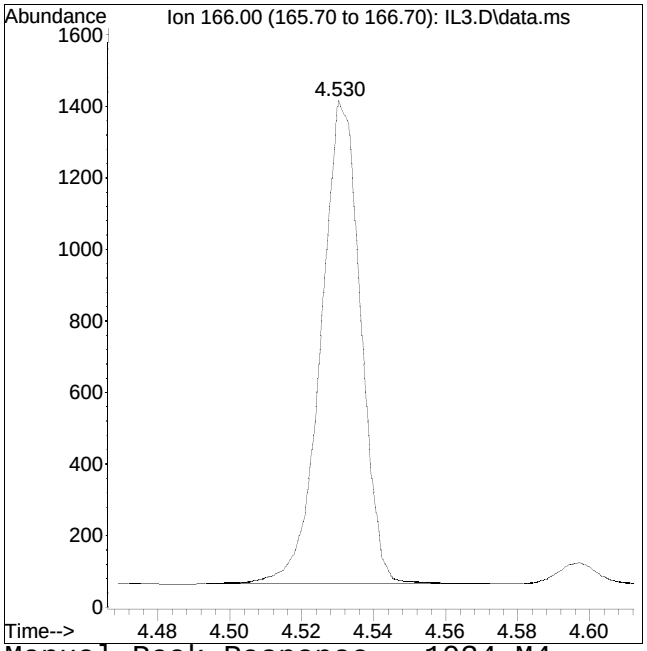
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL3.D
Date Inj'd : 11/20/2025 6:31 pm
Sample : IL3,32,,0.005 Lot# 12041

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #21: Fluorene



Original Peak Response = 1033



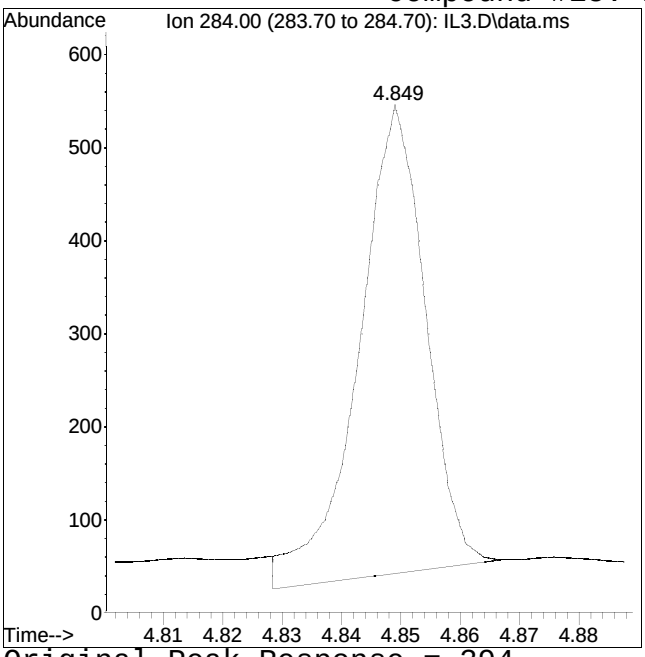
Manual Peak Response = 1034 M4

M4 = Poor automated baseline construction.

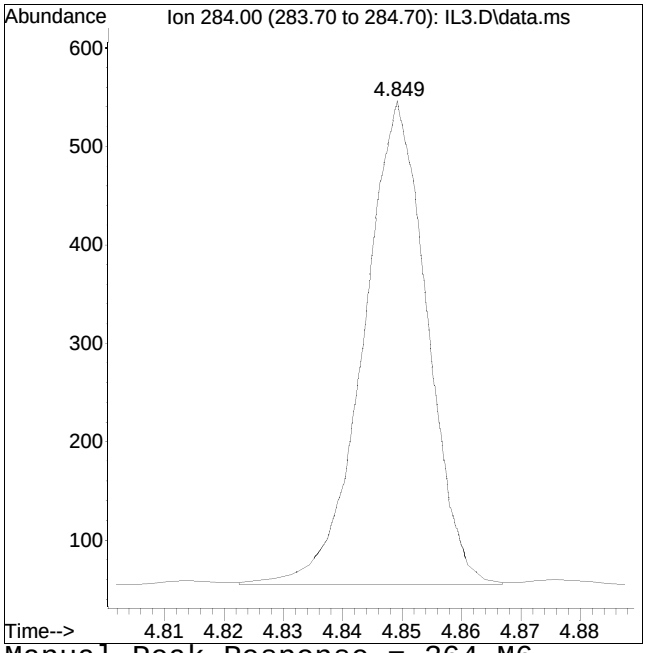
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL3.D
Date Inj'd : 11/20/2025 6:31 pm
Sample : IL3,32,,0.005 Lot# 12041
Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #25: Hexachlorobenzene



Original Peak Response = 394



Manual Peak Response = 364 M6

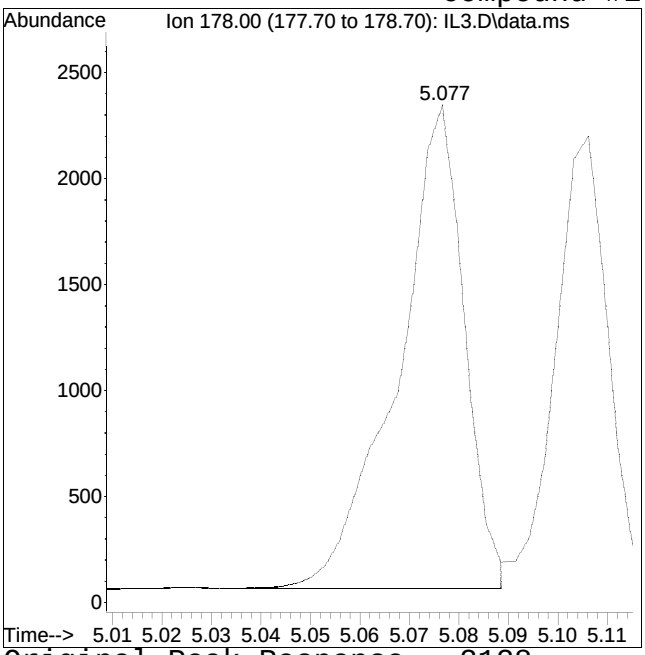
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

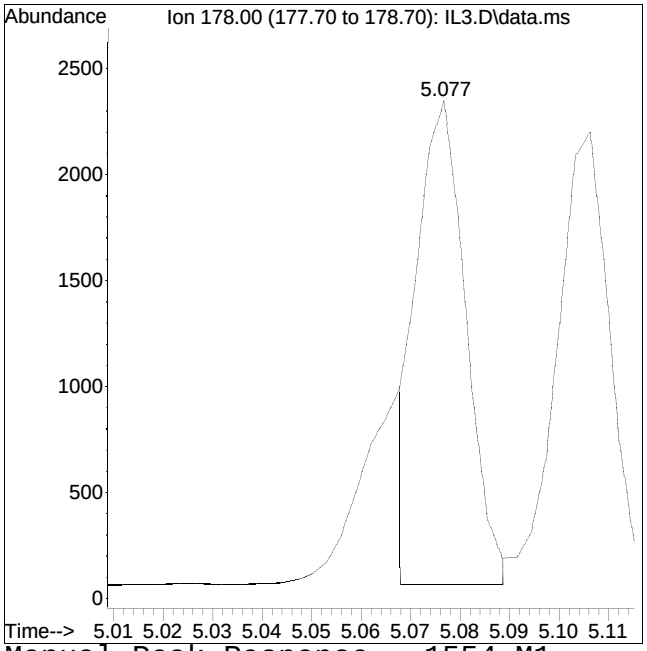
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL3.D
Date Inj'd : 11/20/2025 6:31 pm
Sample : IL3,32,,0.005 Lot# 12041

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #27: Phenanthrene



Original Peak Response = 2128



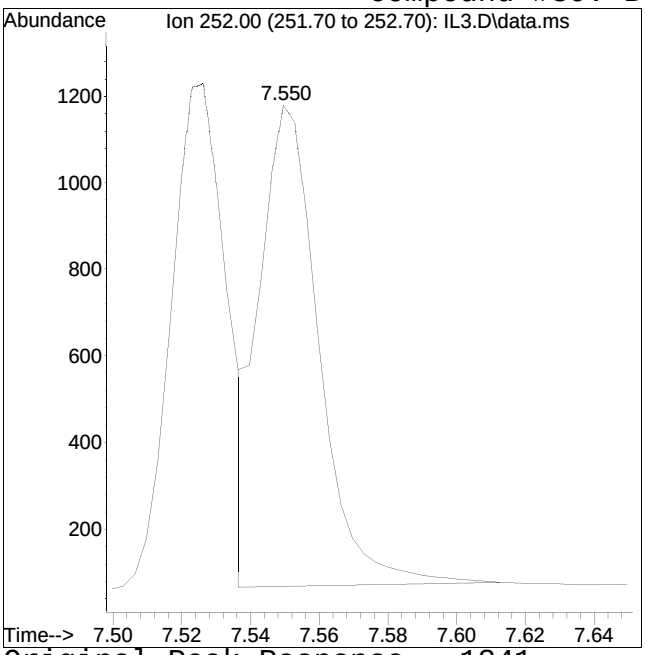
Manual Peak Response = 1554 M1

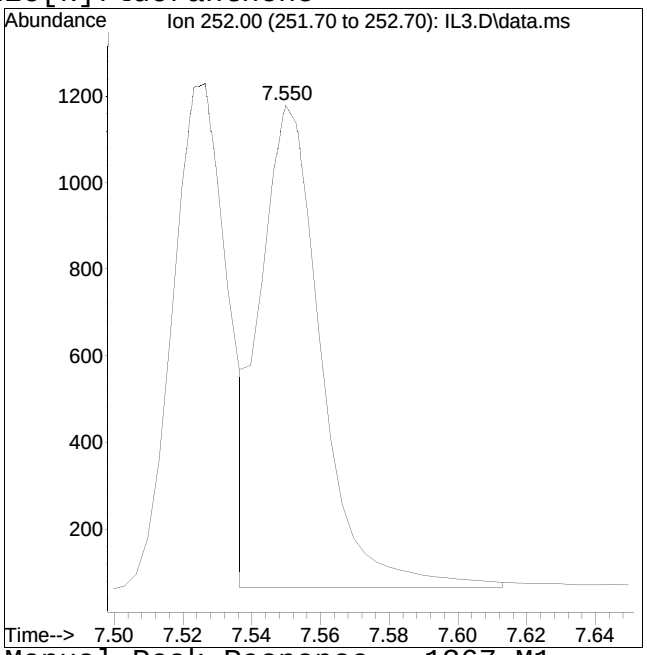
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL3.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:31 pm Instrument : SV125
Sample : IL3,32,,0.005 Lot# 12041 Quant Date : 11/25/2025 10:46 am

Compound #39: Benzo[k]fluoranthene



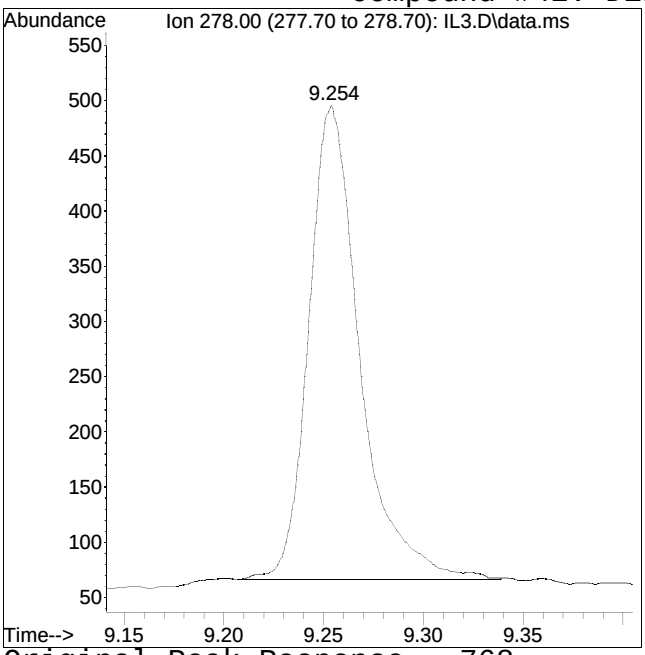


Original Peak Response = 1341 Manual Peak Response = 1367 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

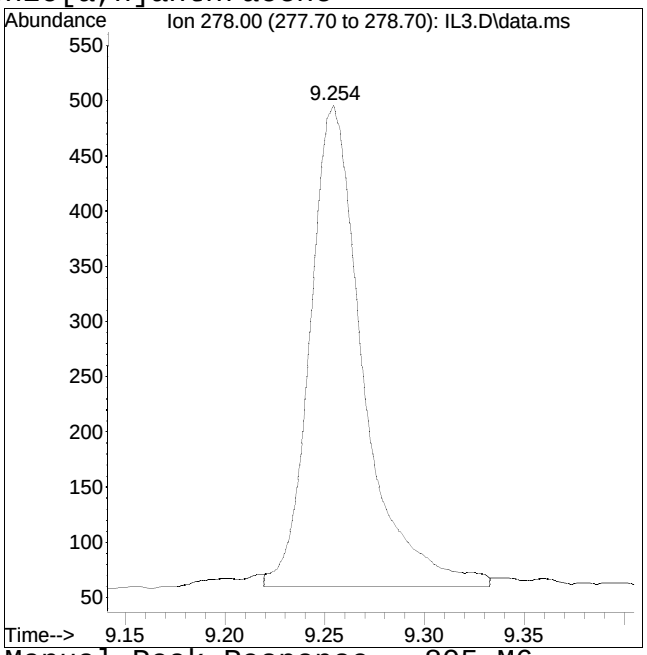
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL3.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:31 pm Instrument : SV125
Sample : IL3,32,,0.005 Lot# 12041 Quant Date : 11/25/2025 10:46 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 768



Manual Peak Response = 805 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL2.D
Acq On : 20 Nov 2025 06:48 pm
Operator : SV125:jjw
Sample : IL2,32,,0.002 Lot# 12042
Misc : WG2146402,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 25 10:56:25 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.569	152	278064	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 118.03%			
9) Naphthalene-d8	3.240	136	980474	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 115.37%			
18) Acenaphthene-d10	4.224	164	540421	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 114.20%			
23) Phenanthrene-d10	5.065	188	1127792	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 114.28%			
32) Chrysene-d12	6.643	240	992926	4000.000	ng/ml	-0.01
Standard Area 1 = 836361			Recovery = 118.72%			
37) Perylene-d12	7.929	264	868841	4000.000	ng/ml	-0.04
Standard Area 1 = 769176			Recovery = 112.96%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.962	112	159	2.124	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.11%#			
4) Phenol-d6	2.375	99	198	2.145	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.11%#			
8) Nitrobenzene-d5	2.853	82	171M6	2.085	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.21%#			
14) 2-Fluorobiphenyl	3.842	172	453	2.134	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.21%#			
22) 2,4,6-Tribromophenol	4.670	330	61M7	2.049	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.10%#			
31) 4-Terphenyl-d14	5.985	244	561	2.323	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.23%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.000		0	N.D.	d	
5) Bis(2-chloroethyl)ether	0.000		0	N.D.	d	
6) n-nitrosodi-n-propylamine	0.000		0	N.D.	d	
7) Hexachloroethane	0.000		0	N.D.	d	
10) Naphthalene	3.253	128	589	2.270	ng/ml#	81
11) Hexachlorobutadiene	0.000		0	N.D.	d	
12) 2-Methylnaphthalene	3.635	142	338	2.095	ng/ml	98
13) 1-Methylnaphthalene	3.690	142	349	2.125	ng/ml	99
15) 2-Chloronaphthalene	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL2.D
Acq On : 20 Nov 2025 06:48 pm
Operator : SV125:jjw
Sample : IL2,32,,0.002 Lot# 12042
Misc : WG2146402,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 25 10:56:25 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
17) Acenaphthylene	4.142	152	619	2.139	ng/ml	94
19) Acenaphthene	0.000		0	N.D.	d	
20) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
21) Fluorene	4.533	166	453M1	2.138	ng/ml	
24) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
25) Hexachlorobenzene	4.852	284	150M1	2.021	ng/ml	
26) Pentachlorophenol	0.000		0	N.D.	d	
27) Phenanthrene	5.080	178	689M6	2.149	ng/ml	
28) Anthracene	5.106	178	701	2.171	ng/ml	94
29) Fluoranthene	5.760	202	878	2.316	ng/ml	95
30) Pyrene	5.890	202	920	2.348	ng/ml	99
33) Benzo[a]anthracene	6.640	226	450M1	2.418	ng/ml	
34) 3,3'-Dichlorobenzidine	0.000		0	N.D.	d	
35) Chrysene	6.659	228	624M3	1.879	ng/ml	
36) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	7.529	252	562	1.977	ng/ml	99
39) Benzo[k]fluoranthene	7.556	252	580M4	2.034	ng/ml	
40) Benzo[a]pyrene	7.859	252	482	1.908	ng/ml	98
41) Indeno[1,2,3-cd]pyrene	9.225	276	364	1.773	ng/ml	96
42) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
43) Benzo[g,h,i]perylene	9.584	276	434	1.979	ng/ml	91

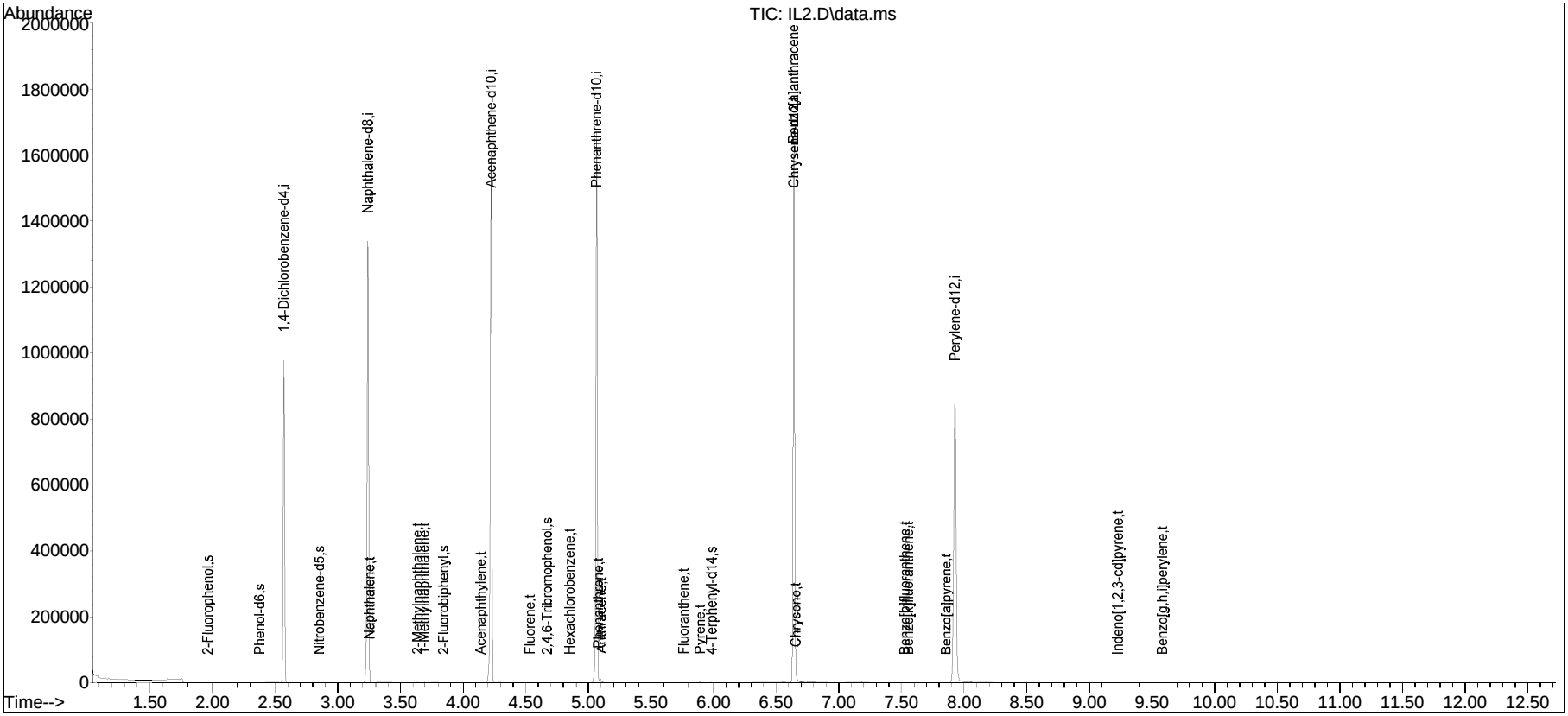
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL2.D
Acq On : 20 Nov 2025 06:48 pm
Operator : SV125:jjw
Sample : IL2,32,,0.002 Lot# 12042
Misc : WG2146402,,ical
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 25 10:56:25 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\IL8.D•

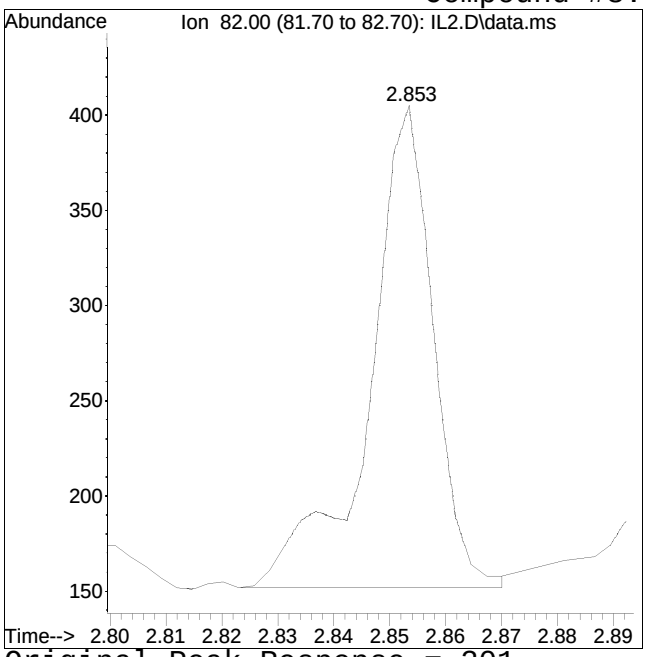


Manual Integration Report

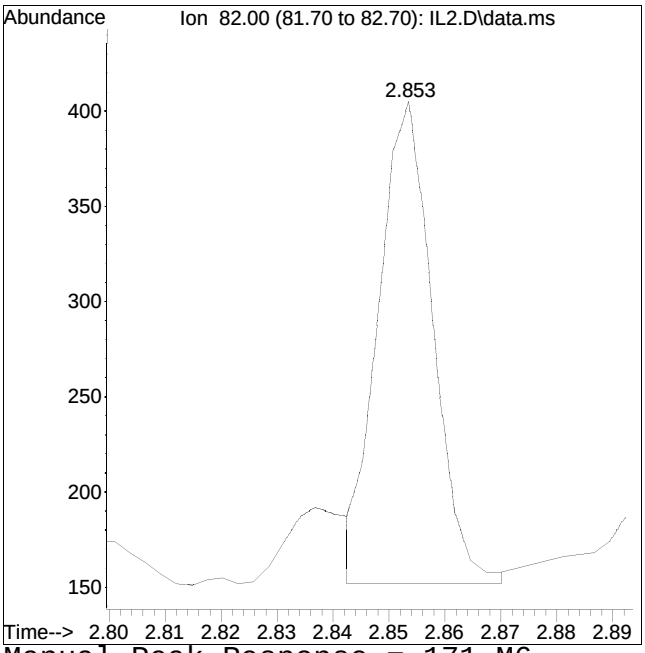
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL2.D
Date Inj'd : 11/20/2025 6:48 pm
Sample : IL2,32,,0.002 Lot# 12042

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #8: Nitrobenzene-d5



Original Peak Response = 201



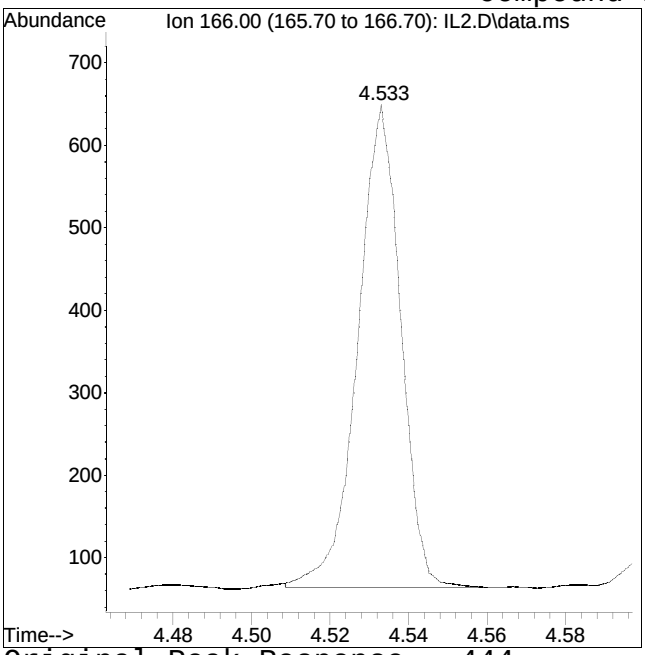
Manual Peak Response = 171 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

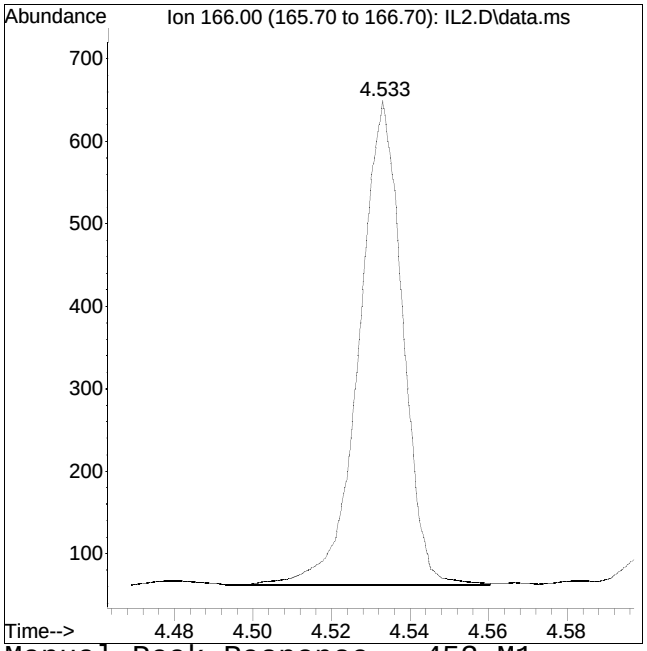
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL2.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:48 pm Instrument : SV125
Sample : IL2,32,,0.002 Lot# 12042 Quant Date : 11/25/2025 10:46 am

Compound #21: Fluorene



Original Peak Response = 444



Manual Peak Response = 453 M1

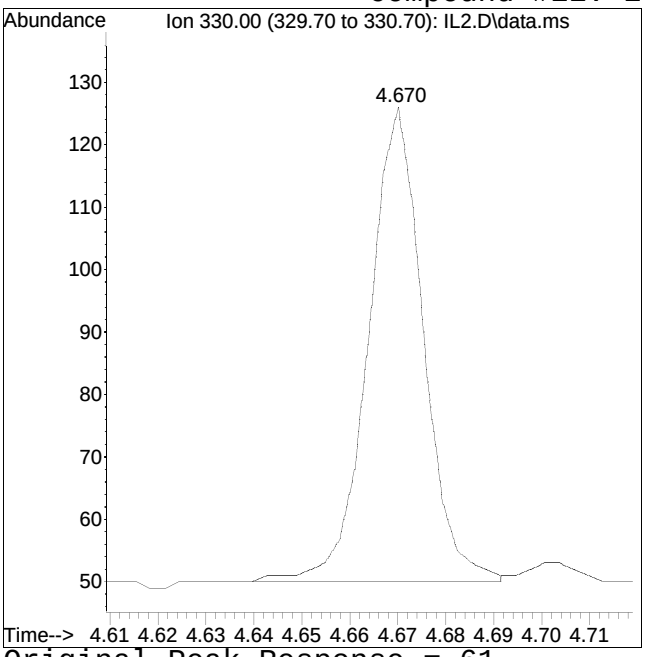
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

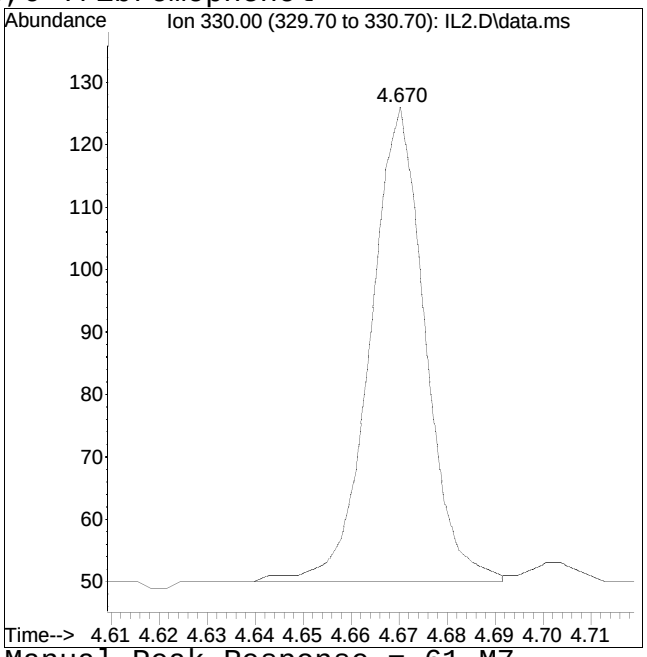
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL2.D
Date Inj'd : 11/20/2025 6:48 pm
Sample : IL2,32,,0.002 Lot# 12042

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #22: 2,4,6-Tribromophenol



Original Peak Response = 61



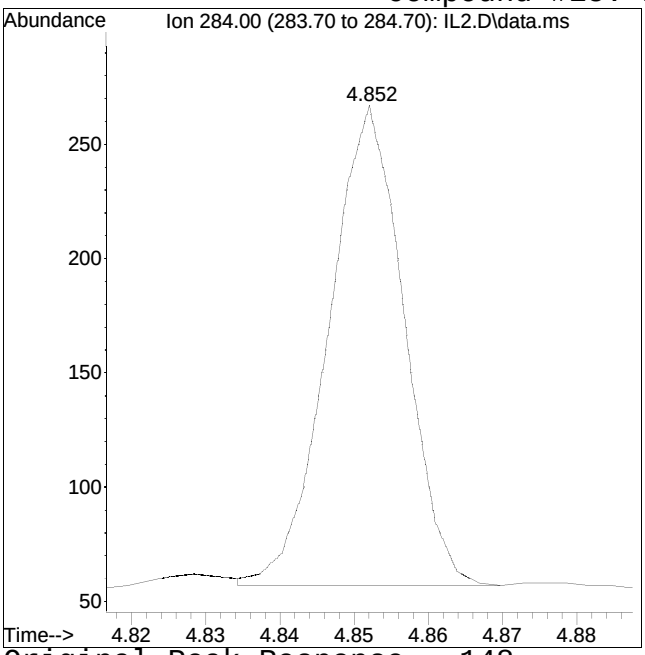
Manual Peak Response = 61 M7

M7 = A qualifier ion was manually integrated (only for GC/MS data).

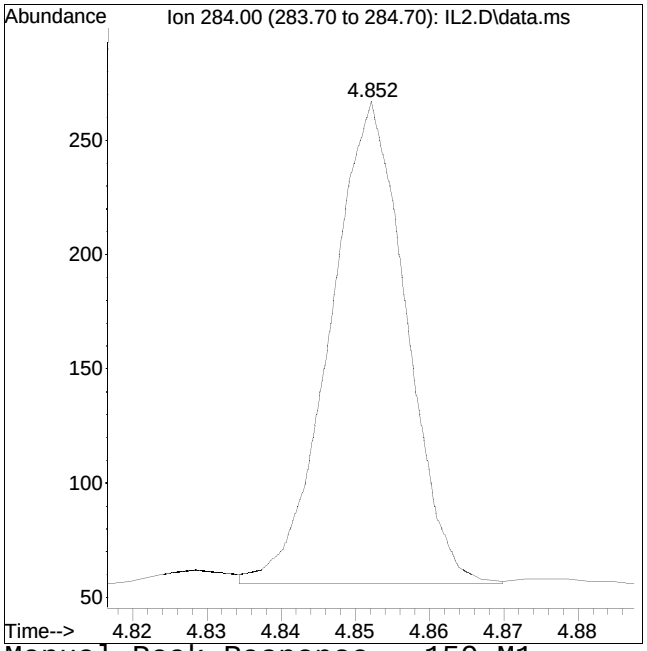
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL2.D
Date Inj'd : 11/20/2025 6:48 pm
Sample : IL2,32,,0.002 Lot# 12042
Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #25: Hexachlorobenzene



Original Peak Response = 148



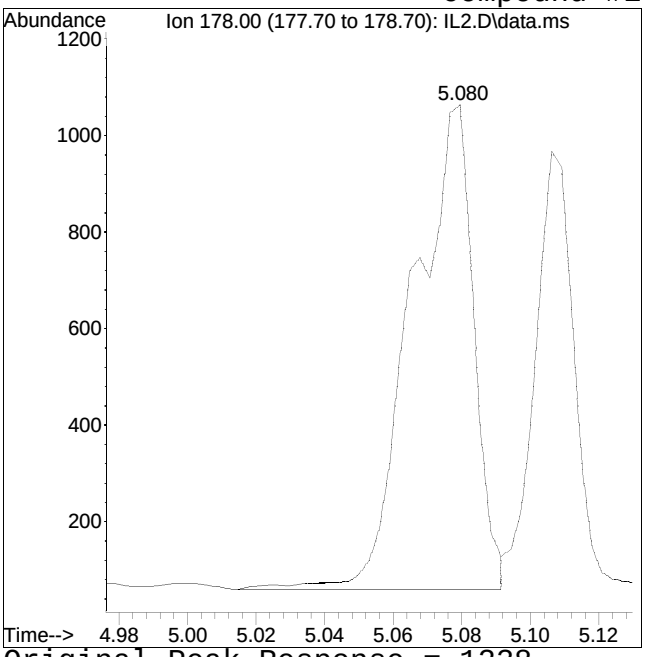
Manual Peak Response = 150 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

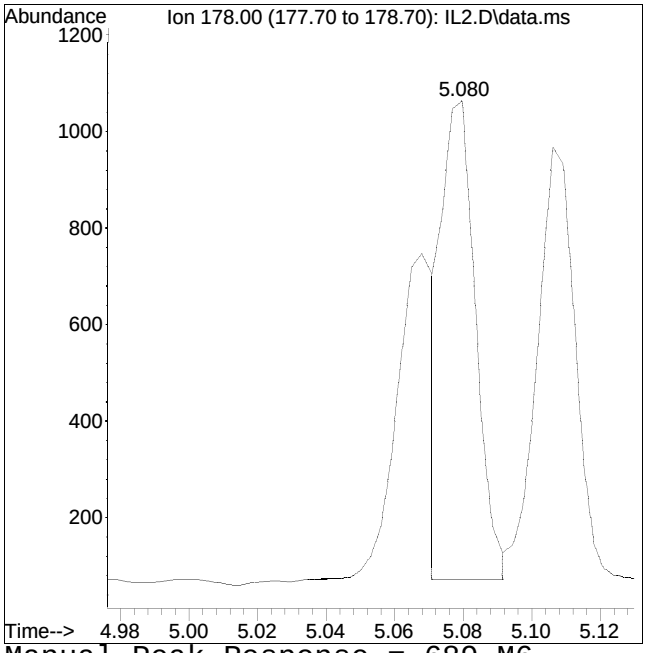
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL2.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:48 pm Instrument : SV125
Sample : IL2,32,,0.002 Lot# 12042 Quant Date : 11/25/2025 10:46 am

Compound #27: Phenanthrene



Original Peak Response = 1238



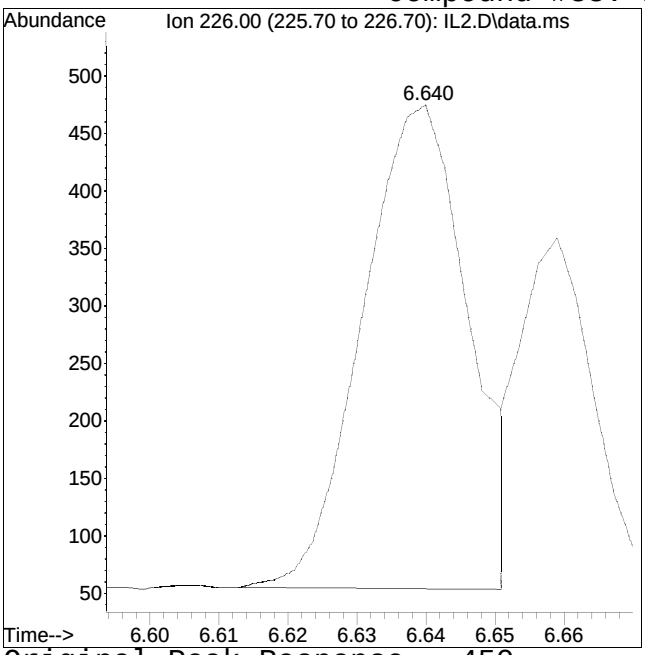
Manual Peak Response = 689 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

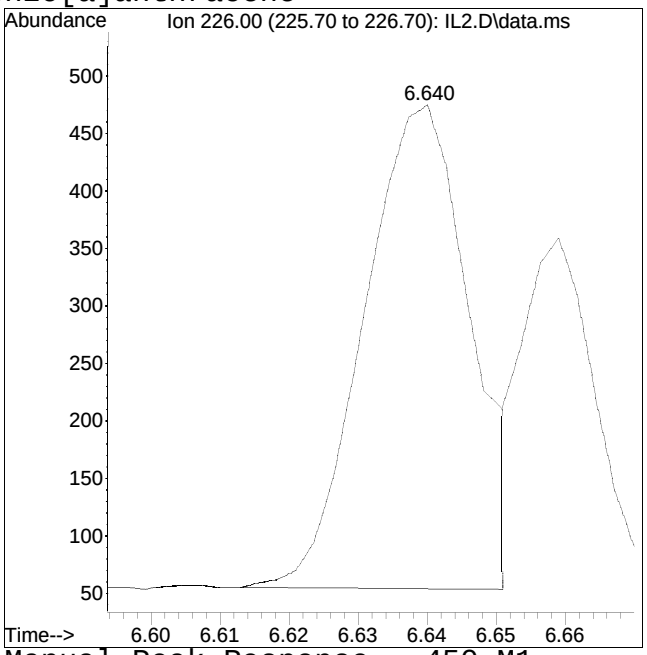
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL2.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:48 pm Instrument : SV125
Sample : IL2,32,,0.002 Lot# 12042 Quant Date : 11/25/2025 10:46 am

Compound #33: Benzo[a]anthracene



Original Peak Response = 450



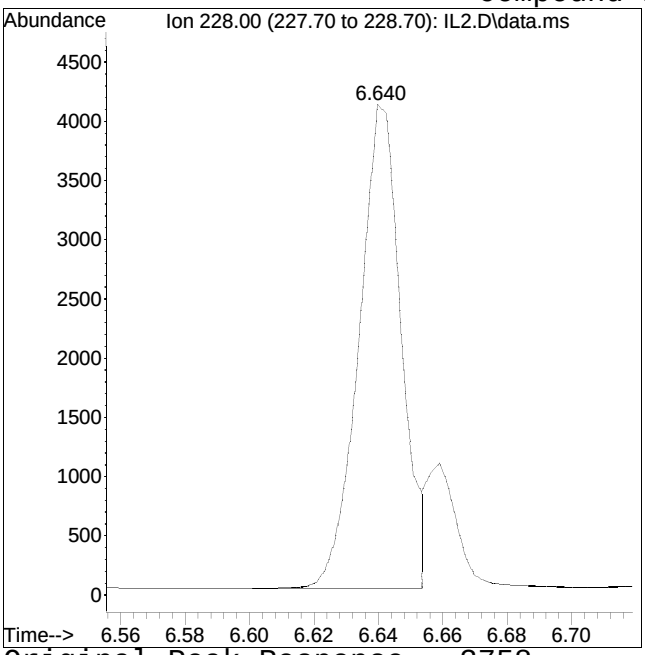
Manual Peak Response = 450 M1

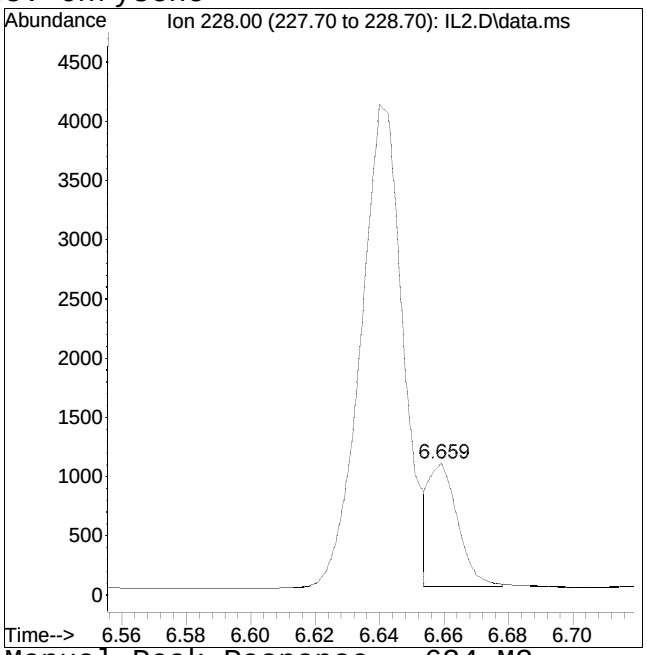
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL2.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 6:48 pm Instrument : SV125
Sample : IL2,32,,0.002 Lot# 12042 Quant Date : 11/25/2025 10:46 am

Compound #35: Chrysene





Original Peak Response = 3758 Manual Peak Response = 624 M3

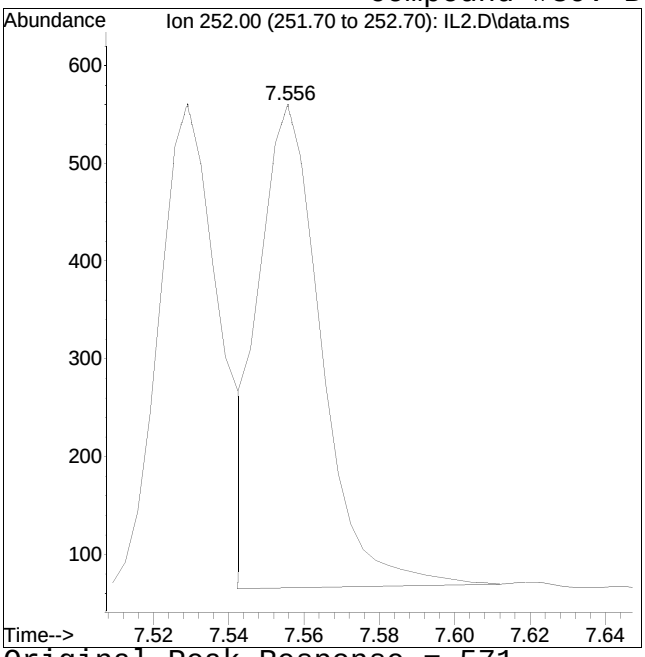
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

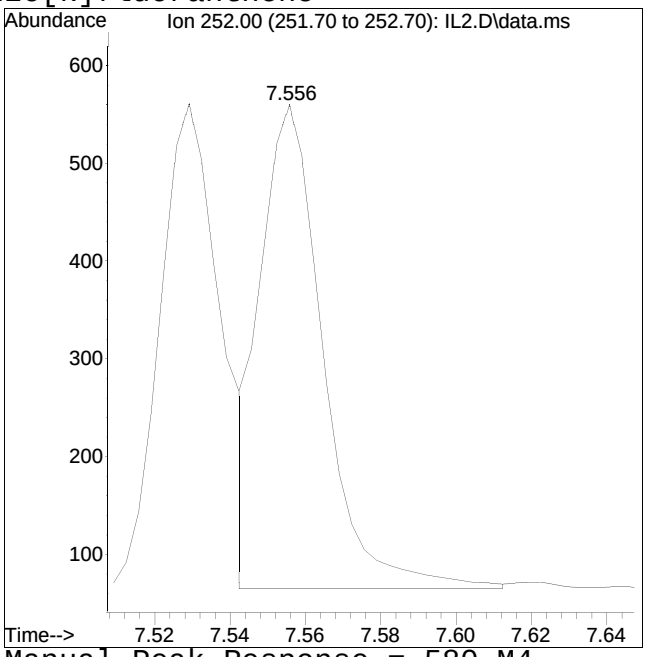
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL2.D
Date Inj'd : 11/20/2025 6:48 pm
Sample : IL2,32,,0.002 Lot# 12042

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #39: Benzo[k]fluoranthene



Original Peak Response = 571



Manual Peak Response = 580 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL1.D
Acq On : 20 Nov 2025 07:05 pm
Operator : SV125:jjw
Sample : IL1,32,,0.001 Lot# 12043
Misc : WG2146402,,ical
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 10:55:16 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.572	152	235891	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 100.13%			
9) Naphthalene-d8	3.243	136	825329	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 97.11%			
18) Acenaphthene-d10	4.224	164	448385	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 94.75%			
23) Phenanthrene-d10	5.068	188	933429	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 94.59%			
32) Chrysene-d12	6.645	240	822750	4000.000	ng/ml	-0.01
Standard Area 1 = 836361			Recovery = 98.37%			
37) Perylene-d12	7.932	264	758182	4000.000	ng/ml	-0.04
Standard Area 1 = 769176			Recovery = 98.57%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.965	112	75	1.181	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.06%#			
4) Phenol-d6	0.000	99	0d	0.000	ng/ml	
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.00%#			
8) Nitrobenzene-d5	2.853	82	74	1.064	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.11%#			
14) 2-Fluorobiphenyl	3.842	172	195	1.092	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.11%#			
22) 2,4,6-Tribromophenol	4.670	330	25M4	1.012	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.05%#			
31) 4-Terphenyl-d14	5.985	244	288	1.441	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.14%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.000		0	N.D.	d	
5) Bis(2-chloroethyl)ether	0.000		0	N.D.	d	
6) n-nitrosodi-n-propylamine	0.000		0	N.D.	d	
7) Hexachloroethane	0.000		0	N.D.	d	
10) Naphthalene	0.000		0	N.D.	d	
11) Hexachlorobutadiene	0.000		0	N.D.	d	
12) 2-Methylnaphthalene	0.000		0	N.D.	d	
13) 1-Methylnaphthalene	0.000		0	N.D.	d	
15) 2-Chloronaphthalene	0.000		0	N.D.	d	
16) 2,6-Dinitrotoluene	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL1.D
Acq On : 20 Nov 2025 07:05 pm
Operator : SV125:jjw
Sample : IL1,32,,0.001 Lot# 12043
Misc : WG2146402,,ical
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 10:55:16 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
17) Acenaphthylene	0.000		0	N.D.		d
19) Acenaphthene	0.000		0	N.D.		d
20) 2,4-Dinitrotoluene	0.000		0	N.D.		d
21) Fluorene	0.000		0	N.D.		d
24) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
25) Hexachlorobenzene	4.852	284	64M6	1.042	ng/ml	
26) Pentachlorophenol	0.000		0	N.D.		d
27) Phenanthrene	0.000		0	N.D.		d
28) Anthracene	0.000		0	N.D.		d
29) Fluoranthene	0.000		0	N.D.		d
30) Pyrene	0.000		0	N.D.		d
33) Benzo[a]anthracene	0.000		0	N.D.		d
34) 3,3'-Dichlorobenzidine	0.000		0	N.D.		d
35) Chrysene	0.000		0	N.D.		d
36) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.		d
38) Benzo[b]fluoranthene	0.000		0	N.D.		d
39) Benzo[k]fluoranthene	0.000		0	N.D.		d
40) Benzo[a]pyrene	0.000		0	N.D.		d
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		d
42) Dibenzo[a,h]anthracene	0.000		0	N.D.		d
43) Benzo[g,h,i]perylene	0.000		0	N.D.		d

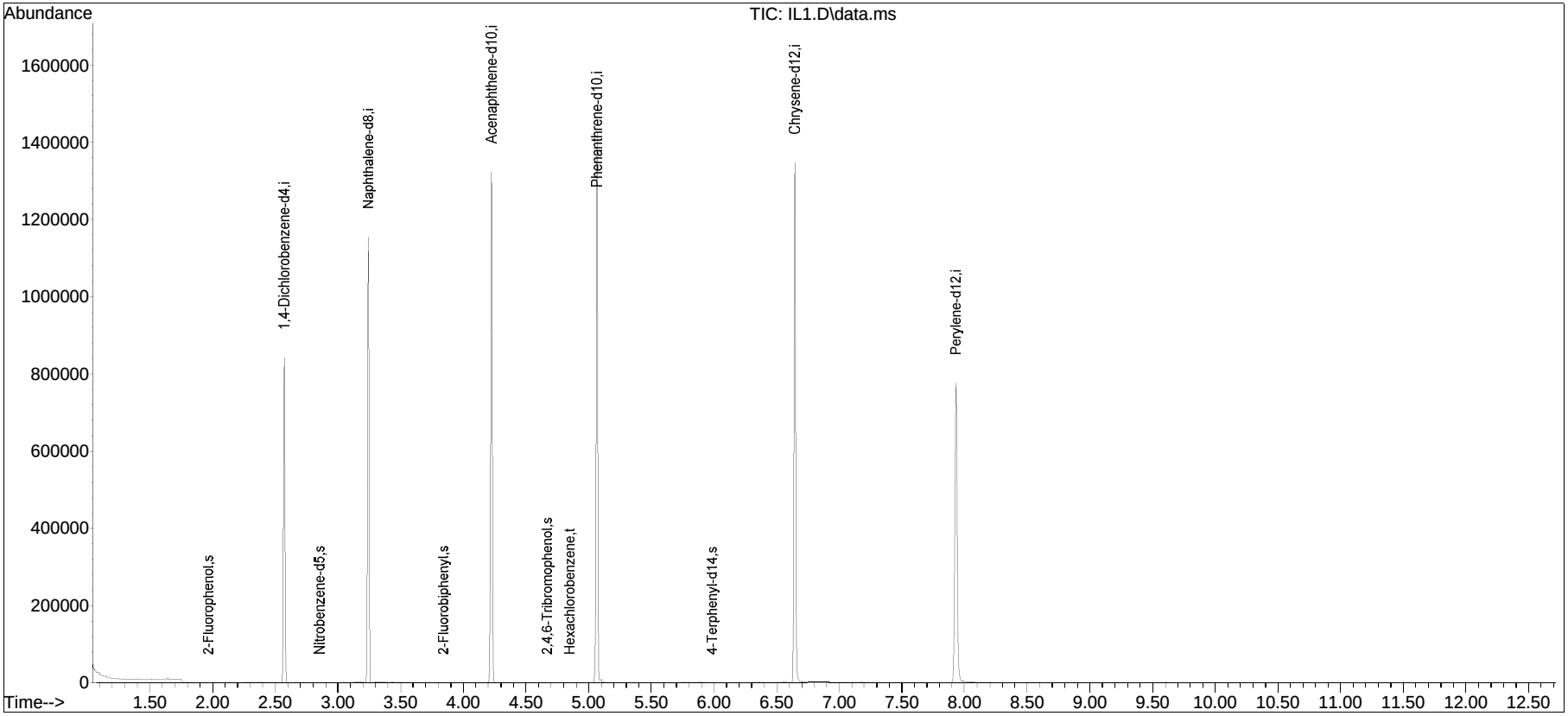
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : IL1.D
Acq On : 20 Nov 2025 07:05 pm
Operator : SV125:jjw
Sample : IL1,32,,0.001 Lot# 12043
Misc : WG2146402,,ical
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 10:55:16 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 10:37:20 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\IL8.D•

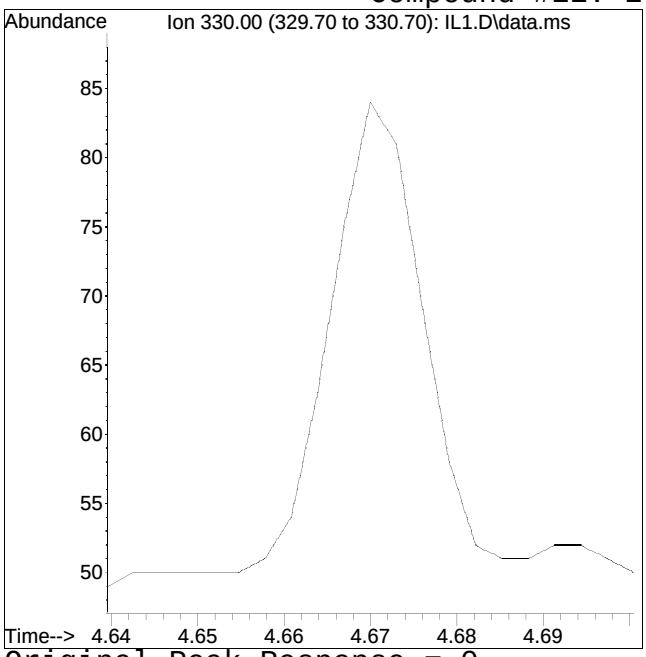


Manual Integration Report

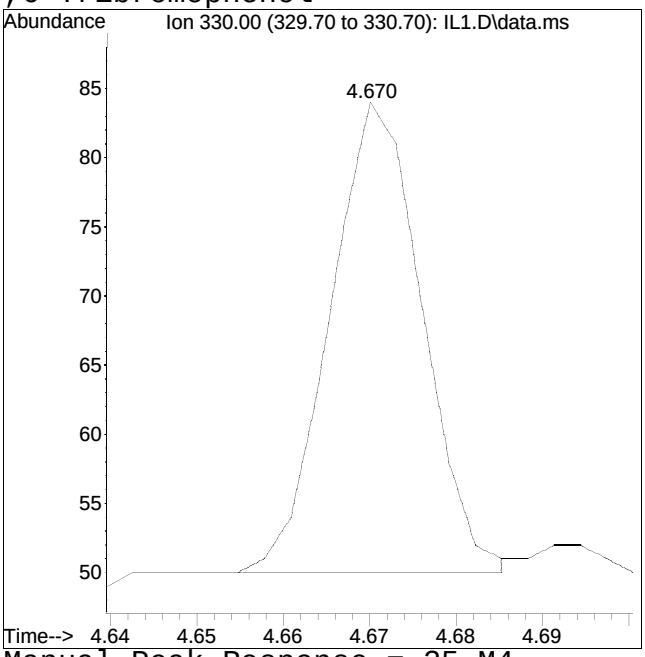
Data Path : I:\8270SIM\SV125\251120RVTQ
Data File : IL1.D
Date Inj'd : 11/20/2025 7:05 pm
Sample : IL1,32,,0.001 Lot# 12043

Method : SIM-RVT_251120_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 11/25/2025 10:46 am

Compound #22: 2,4,6-Tribromophenol



Original Peak Response = 0



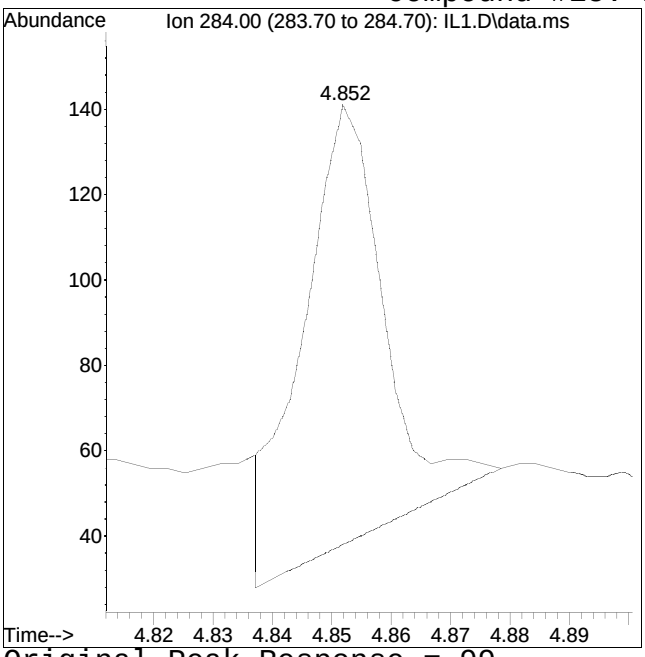
Manual Peak Response = 25 M4

M4 = Poor automated baseline construction.

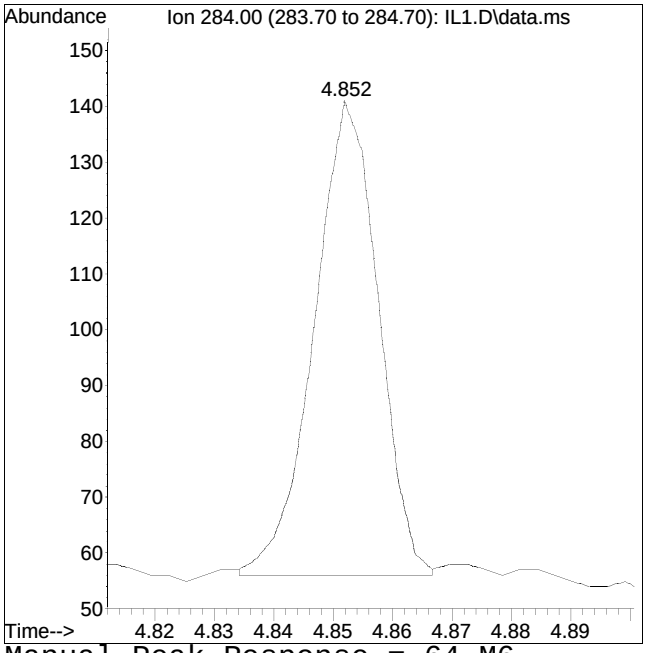
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : IL1.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 7:05 pm Instrument : SV125
Sample : IL1,32,,0.001 Lot# 12043 Quant Date : 11/25/2025 10:46 am

Compound #25: Hexachlorobenzene



Original Peak Response = 99



Manual Peak Response = 64 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : ICV.D
Acq On : 20 Nov 2025 07:23 pm
Operator : SV125:jjw
Sample : CQICV1,32,,1 Lot# 12034
Misc : WG2146402,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 25 13:06:57 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 11:16:16 2025
Response via : Initial Calibration

Min. RRF : 0.050 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
2	T	N-Nitrosodimethylamine	0.699	0.733	-4.9	113	0.02
3	s	2-Fluorophenol	1.077	1.180	-9.6	123	0.00
4	s	Phenol-d6	1.328	1.466	-10.4	121	0.00
5	T	Bis(2-chloroethyl)ether	1.109	1.137	-2.5	113	0.00
6	T	n-nitrosodi-n-propylamine	0.833	0.860	-3.2	114	0.00
7	t	Hexachloroethane	0.487	0.505	-3.7	114	0.00
8	s	Nitrobenzene-d5	1.180	1.210	-2.5	112	0.00
9	i	Naphthalene-d8	1.000	1.000	0.0	110	0.00
10	t	Naphthalene	1.059	1.056	0.3	112	0.00
11	t	Hexachlorobutadiene	0.216	0.220	-1.9	111	0.00
12	t	2-Methylnaphthalene	0.658	0.678	-3.0	114	0.00
13	t	1-Methylnaphthalene	0.670	0.683	-1.9	113	0.00
14	s	2-Fluorobiphenyl	0.866	0.850	1.8	110	0.00
15	t	2-Chloronaphthalene	0.747	0.757	-1.3	112	0.00
16	t	2,6-Dinitrotoluene	0.161	0.168	-4.3	114	0.00
17	t	Acenaphthylene	1.181	1.241	-5.1	115	0.00
18	i	Acenaphthene-d10	1.000	1.000	0.0	110	0.00
19	t	Acenaphthene	1.350	1.388	-2.8	111	0.00
20	t	2,4-Dinitrotoluene	0.391	0.419	-7.2	115	0.00
21	t	Fluorene	1.572	1.598	-1.7	112	0.00
22	s	2,4,6-Tribromophenol	0.220	0.251	-14.1	120	0.00
23	i	Phenanthrene-d10	1.000	1.000	0.0	111	0.00
24	T	4,6-Dinitro-o-cresol	*1000.000	1028.721	-2.9	117	0.00
25	t	Hexachlorobenzene	0.263	0.264	-0.4	112	0.00
26	t	Pentachlorophenol	*1000.000	1043.653	-4.4	115	0.00
27	t	Phenanthrene	1.143	1.152	-0.8	111	0.00
28	t	Anthracene	1.145	1.153	-0.7	110	0.00
29	t	Fluoranthene	1.345	1.345	0.0	112	0.00
30	t	Pyrene	1.390	1.377	0.9	111	0.00
31	s	4-Terphenyl-d14	0.857	0.785	8.4	109	0.00
32	i	Chrysene-d12	1.000	1.000	0.0	110	-0.01
33	t	Benzo[a]anthracene	*1000.000	979.669	2.0	111	-0.01
34	t	3,3'-Dichlorobenzidine	0.495	0.489	1.2	107	-0.02
35	t	Chrysene	1.338	1.394	-4.2	109	-0.02

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : ICV.D
Acq On : 20 Nov 2025 07:23 pm
Operator : SV125:jjw
Sample : CQICV1,32,,1 Lot# 12034
Misc : WG2146402,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 25 13:06:57 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 11:16:16 2025
Response via : Initial Calibration

Min. RRF : 0.050 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)
36	T	Bis(2-ethylhexyl)phthalate	0.808	0.822	-1.7	115	-0.02
37	i	Perylene-d12	1.000	1.000	0.0	108	-0.04
38	t	Benzo[b]fluoranthene	1.309	1.337	-2.1	110	-0.03
39	t	Benzo[k]fluoranthene	1.313	1.368	-4.2	106	-0.03
40	t	Benzo[a]pyrene	1.163	1.227	-5.5	108	-0.03
41	t	Indeno[1,2,3-cd]pyrene	0.945	0.938	0.7	98	-0.05
42	t	Dibenzo[a,h]anthracene	0.933	0.987	-5.8	102	-0.05
43	t	Benzo[g,h,i]perylene	1.010	1.029	-1.9	102	-0.06

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : ICV.D
Acq On : 20 Nov 2025 07:23 pm
Operator : SV125:jjw
Sample : CQICV1,32,,1 Lot# 12034
Misc : WG2146402,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 25 13:06:57 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 11:16:16 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.569	152	259797	4000.000	ng/ml	0.00
Standard Area 1 = 235582			Recovery = 110.28%			
9) Naphthalene-d8	3.240	136	937708	4000.000	ng/ml	0.00
Standard Area 1 = 849881			Recovery = 110.33%			
18) Acenaphthene-d10	4.224	164	518945	4000.000	ng/ml	0.00
Standard Area 1 = 473230			Recovery = 109.66%			
23) Phenanthrene-d10	5.068	188	1093107	4000.000	ng/ml	0.00
Standard Area 1 = 986826			Recovery = 110.77%			
32) Chrysene-d12	6.643	240	921765	4000.000	ng/ml	-0.01
Standard Area 1 = 836361			Recovery = 110.21%			
37) Perylene-d12	7.931	264	832515	4000.000	ng/ml	-0.04
Standard Area 1 = 769176			Recovery = 108.23%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.962	112	76609	1095.451	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 54.77%			
4) Phenol-d6	2.376	99	95225	1103.941	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 55.20%			
8) Nitrobenzene-d5	2.853	82	78592	1025.832	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 102.58%			
14) 2-Fluorobiphenyl	3.842	172	199256	981.671	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 98.17%			
22) 2,4,6-Tribromophenol	4.670	330	32527	1137.536	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 56.88%			
31) 4-Terphenyl-d14	5.985	244	214389	915.906	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 91.59%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.451	74	47617	1048.648	ng/mL	99
5) Bis(2-chloroethyl)ether	2.429	93	73841	1024.755	ng/ml	98
6) n-nitrosodi-n-propylamine	2.770	70	55864	1032.476	ng/ml	100
7) Hexachloroethane	2.834	117	32825	1038.768	ng/ml	100
10) Naphthalene	3.253	128	247583	997.521	ng/ml	100
11) Hexachlorobutadiene	3.326	225	51610	1017.284	ng/ml	100
12) 2-Methylnaphthalene	3.635	142	159008	1030.755	ng/ml	100
13) 1-Methylnaphthalene	3.693	142	160192	1019.784	ng/ml	99
15) 2-Chloronaphthalene	3.909	162	177498	1013.486	ng/ml	100
16) 2,6-Dinitrotoluene	4.099	165	39275	1043.784	ng/ml	99
17) Acenaphthylene	4.142	152	290978	1051.166	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : ICV.D
Acq On : 20 Nov 2025 07:23 pm
Operator : SV125:jjw
Sample : CQICV1,32,,1 Lot# 12034
Misc : WG2146402,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 25 13:06:57 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 11:16:16 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\251120RVTical\IL8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.242	153	180132	1028.603	ng/ml	100
20) 2,4-Dinitrotoluene	4.328	165	54320	1070.361	ng/ml	97
21) Fluorene	4.533	166	207376	1016.865	ng/ml	100
24) 4,6-Dinitro-o-cresol	4.560	198	27200	1028.721	ng/ml	99
25) Hexachlorobenzene	4.852	284	72221	1006.698	ng/ml	93
26) Pentachlorophenol	4.961	266	37691	1043.653	ng/ml	100
27) Phenanthrene	5.079	178	314839	1007.943	ng/ml	100
28) Anthracene	5.109	178	315193	1007.323	ng/ml	100
29) Fluoranthene	5.760	202	367600	1000.409	ng/ml	100
30) Pyrene	5.893	202	376252	990.779	ng/ml	100
33) Benzo[a]anthracene	6.634	226	93685	979.669	ng/ml	100
34) 3,3'-Dichlorobenzidine	6.615	252	112613	986.509	ng/ml	100
35) Chrysene	6.659	228	321207	1042.132	ng/ml	100
36) Bis(2-ethylhexyl)phtha...	6.656	149	189496	1017.184	ng/ml	99
38) Benzo[b]fluoranthene	7.532	252	278362	1021.706	ng/ml	97
39) Benzo[k]fluoranthene	7.558	252	284760	1041.965	ng/ml	97
40) Benzo[a]pyrene	7.865	252	255403	1055.078	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.234	276	195309	992.875	ng/ml	99
42) Dibenzo[a,h]anthracene	9.275	278	205376M6	1057.531	ng/ml	
43) Benzo[g,h,i]perylene	9.595	276	214085	1018.833	ng/ml	99

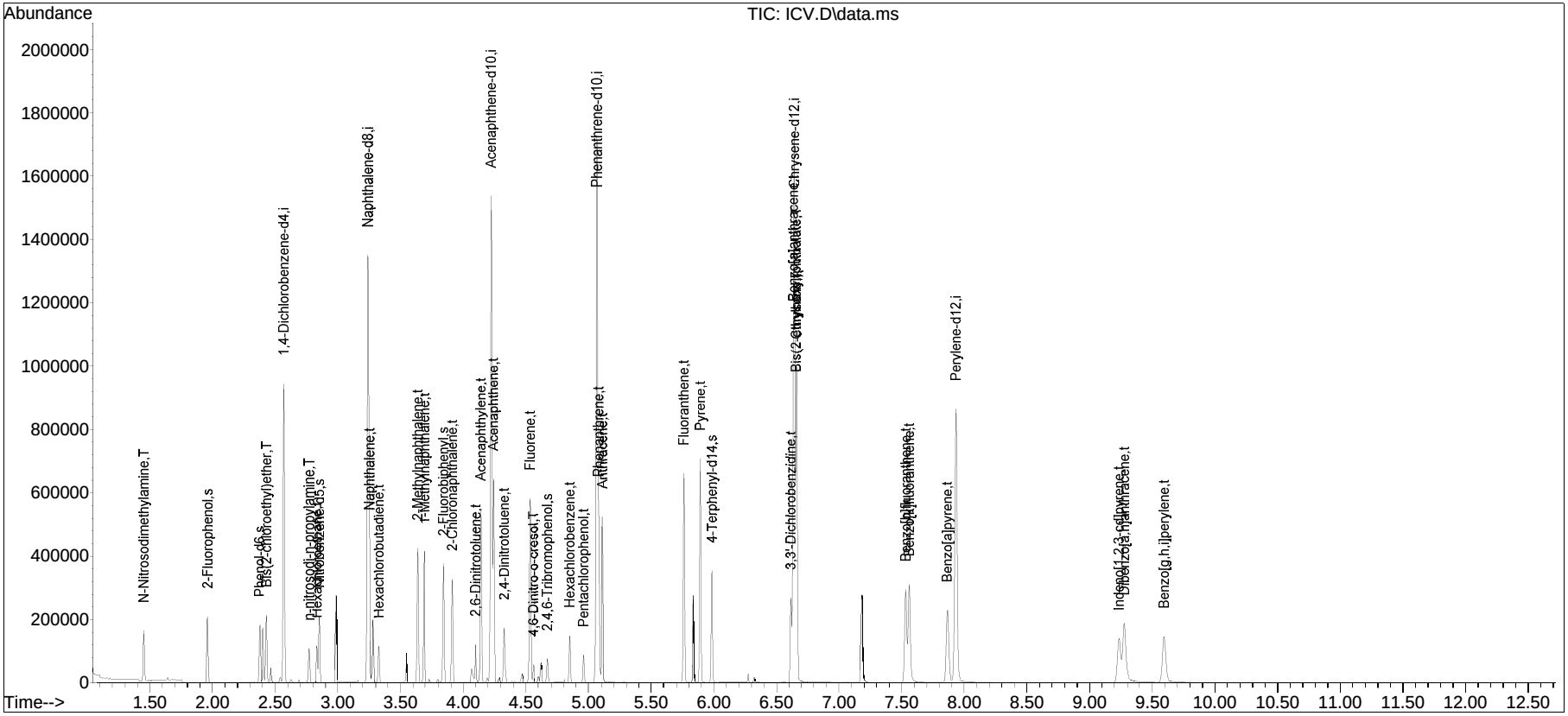
(#) = qualifier out of range (m) = manual integration (+) = signals summed

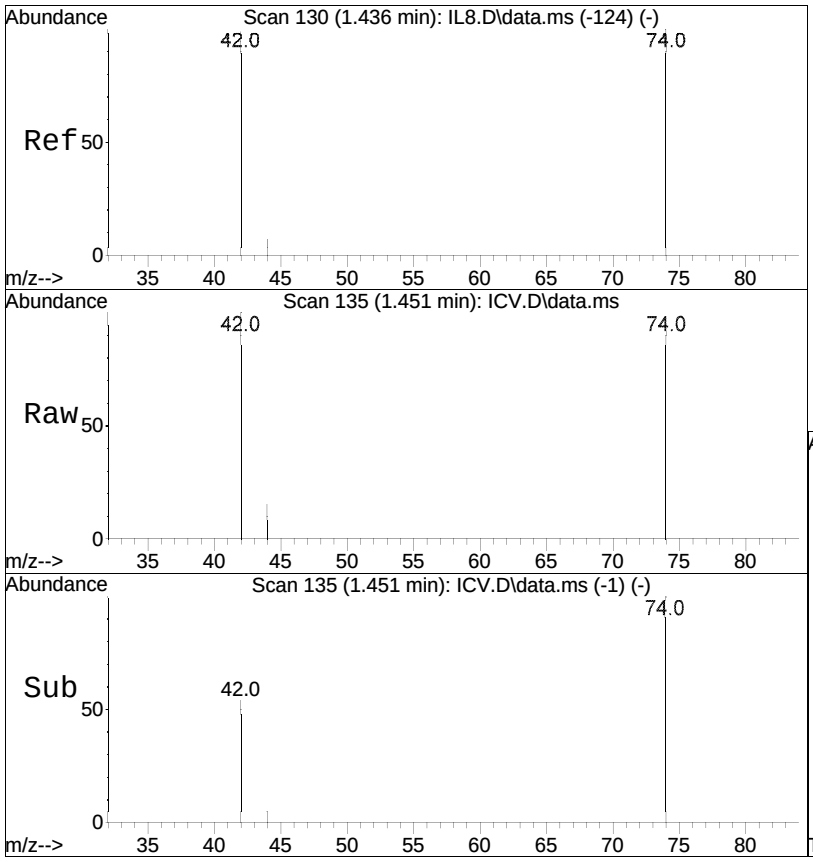
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\251120RVTical\
Data File : ICV.D
Acq On : 20 Nov 2025 07:23 pm
Operator : SV125:jjw
Sample : CQICV1,32,,1 Lot# 12034
Misc : WG2146402,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 25 13:06:57 2025
Quant Method : I:\8270SIM\SV125\251120RVTical\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 25 11:16:16 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\IL8.D•

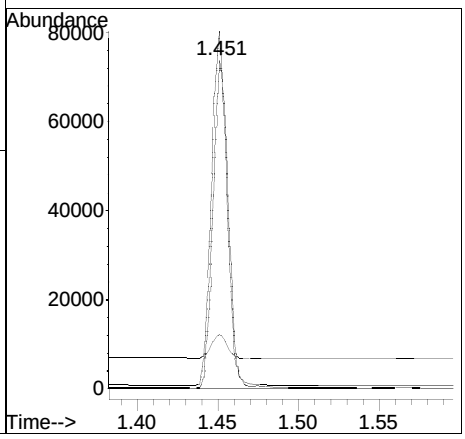


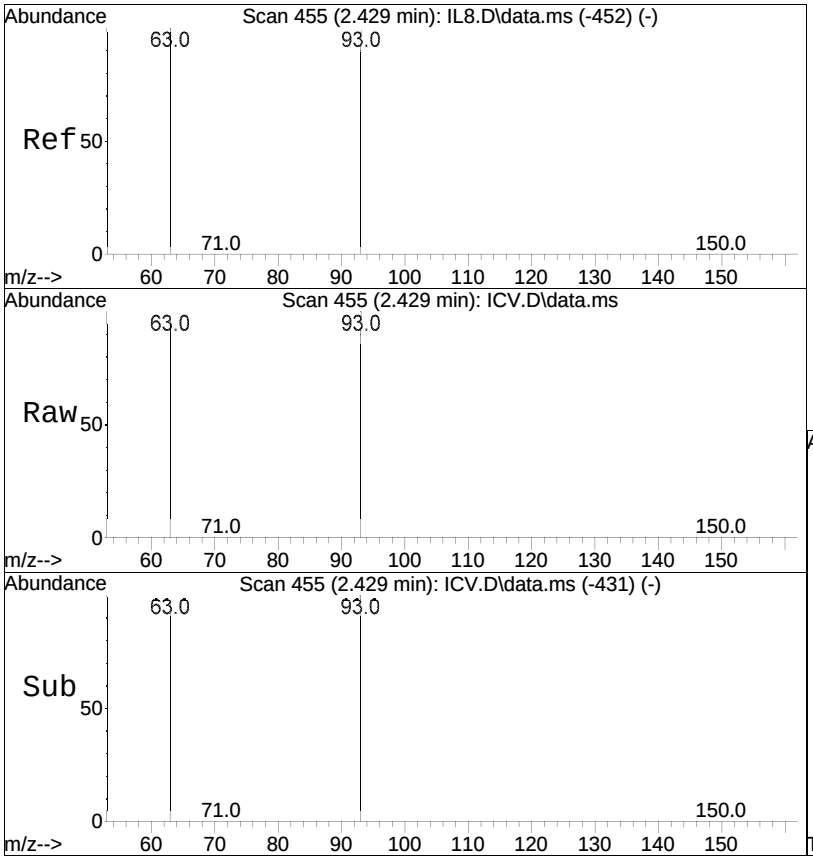


#2
N-Nitrosodimethylamine
Concen: 1048.65 ng/mL
RT: 1.451 min Scan# 135
Delta R.T. 0.015 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion: 74 Resp: 47617

Ion	Ratio	Lower	Upper
74	100		
42	106.0	85.8	128.8
44	7.2	5.8	8.8

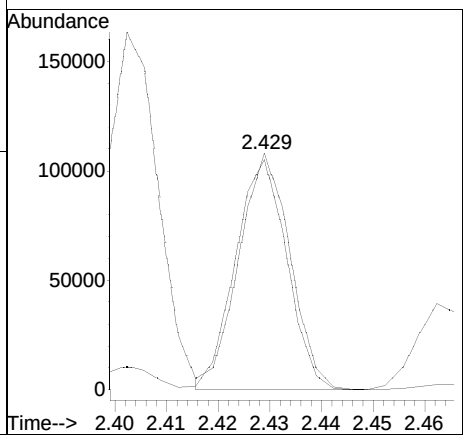


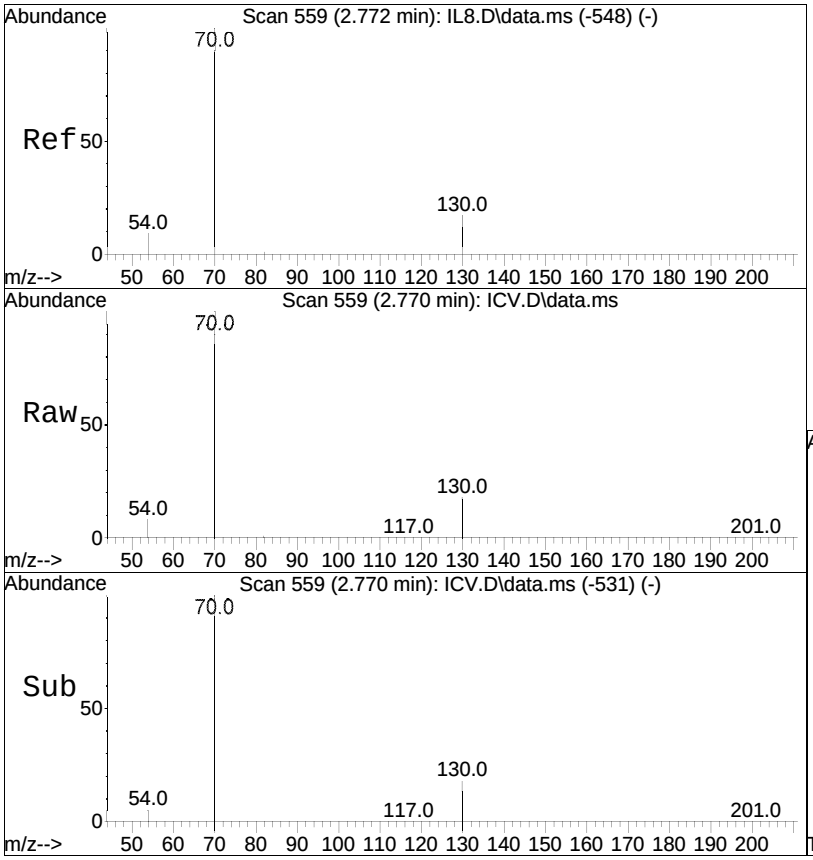


#5
Bis(2-chloroethyl)ether
Concen: 1024.75 ng/ml
RT: 2.429 min Scan# 455
Delta R.T. 0.000 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion: 93 Resp: 73841

Ion	Ratio	Lower	Upper
93	100		
63	98.5	80.2	120.2

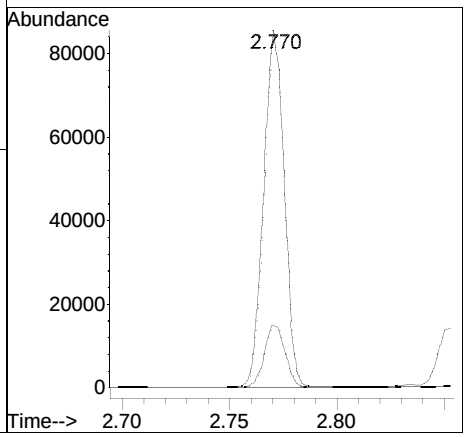


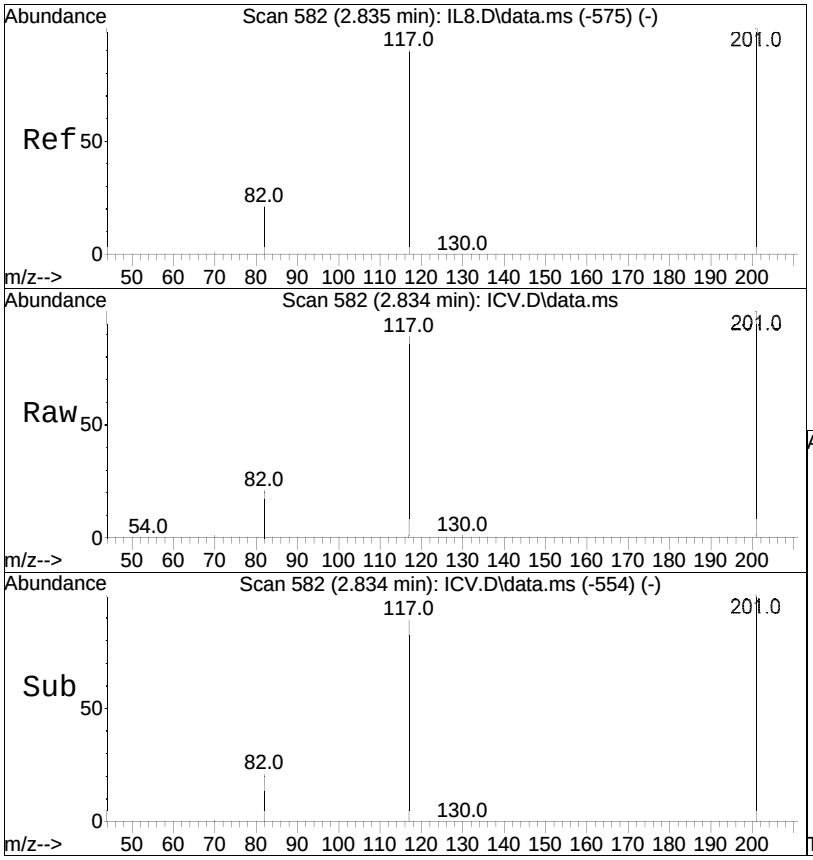


#6
n-nitrosodi-n-propylamine
Concen: 1032.48 ng/ml
RT: 2.770 min Scan# 559
Delta R.T. -0.001 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion: 70 Resp: 55864

Ion	Ratio	Lower	Upper
70	100		
130	17.9	14.2	21.4

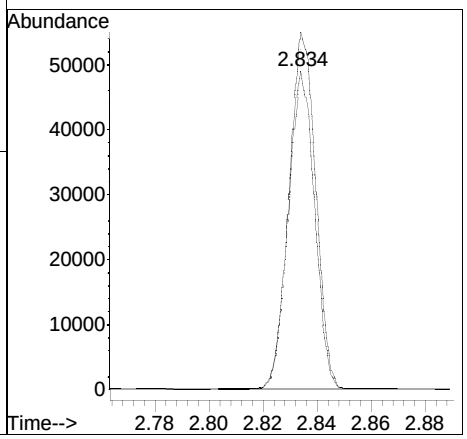


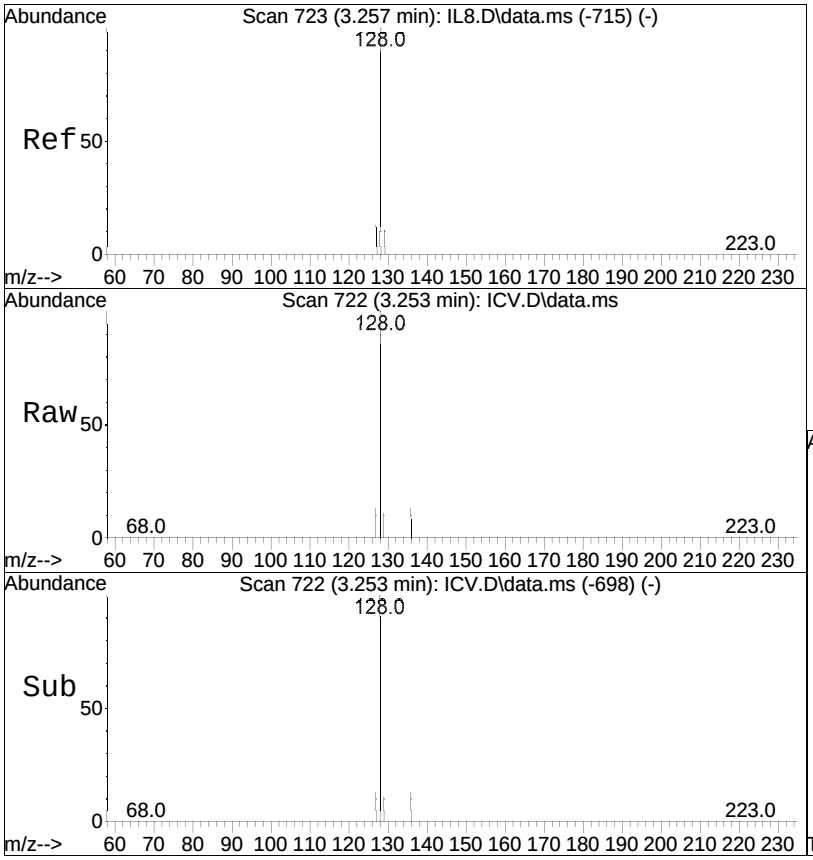


#7
Hexachloroethane
Concen: 1038.77 ng/ml
RT: 2.834 min Scan# 582
Delta R.T. -0.001 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:117 Resp: 32825

Ion	Ratio	Lower	Upper
117	100		
201	113.2	91.0	136.4

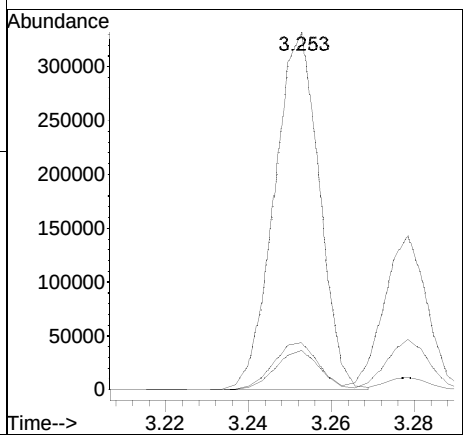


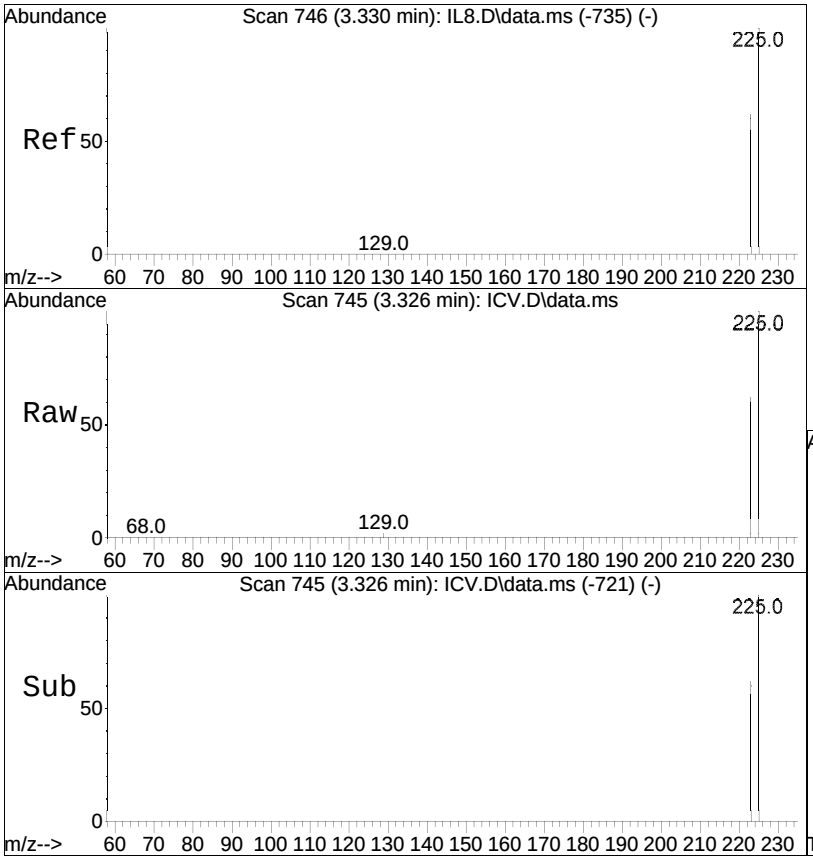


#10
Naphthalene
Concen: 997.52 ng/ml
RT: 3.253 min Scan# 722
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:128 Resp: 247583

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.7	16.1

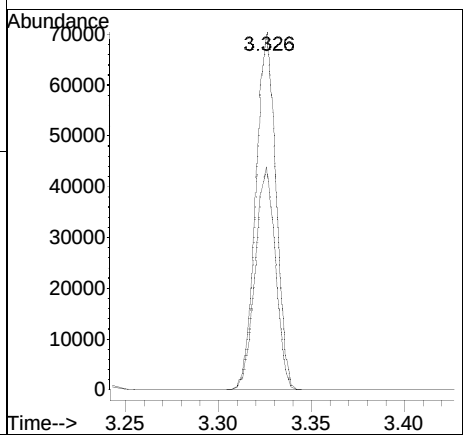


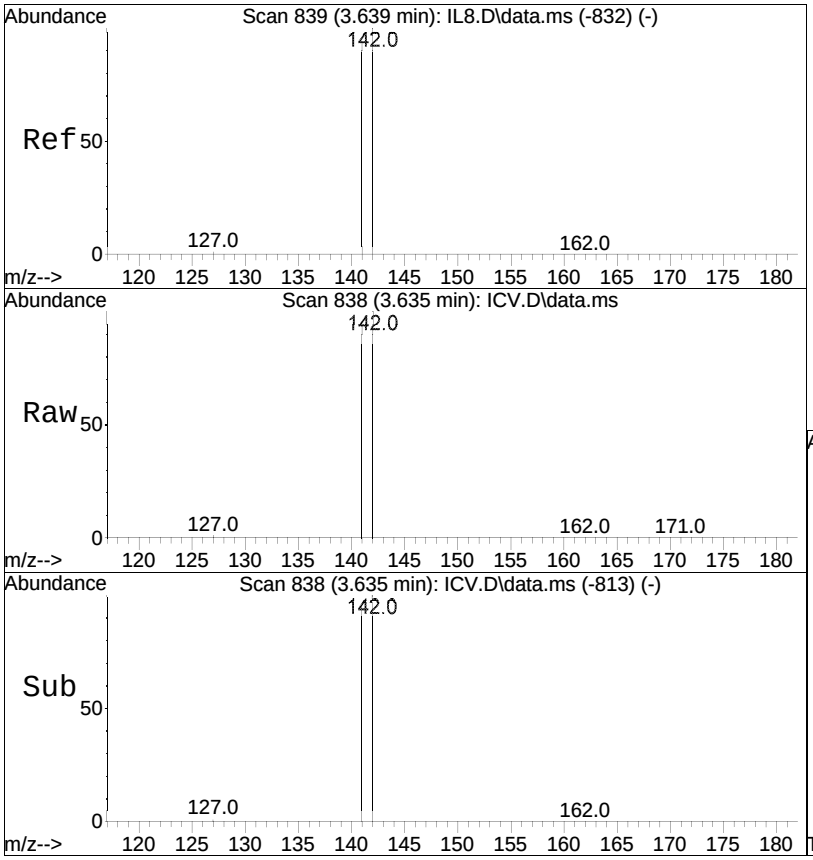


#11
Hexachlorobutadiene
Concen: 1017.28 ng/ml
RT: 3.326 min Scan# 745
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:225 Resp: 51610

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0

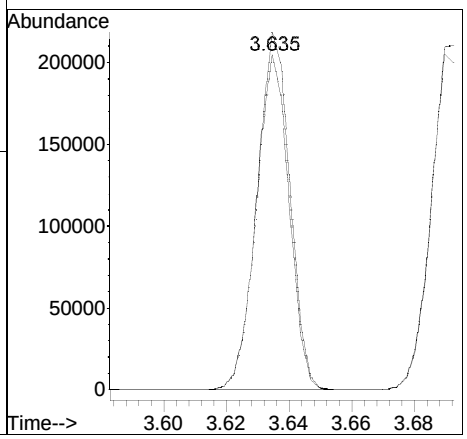


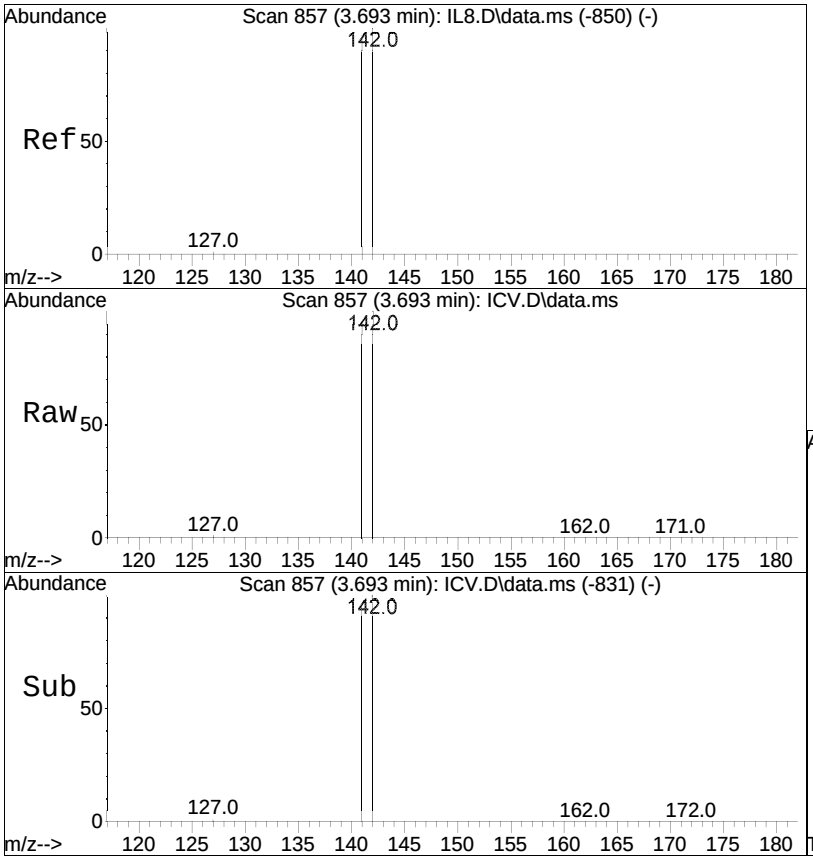


#12
2-Methylnaphthalene
Concen: 1030.75 ng/ml
RT: 3.635 min Scan# 838
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:142 Resp: 159008

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.4	111.6

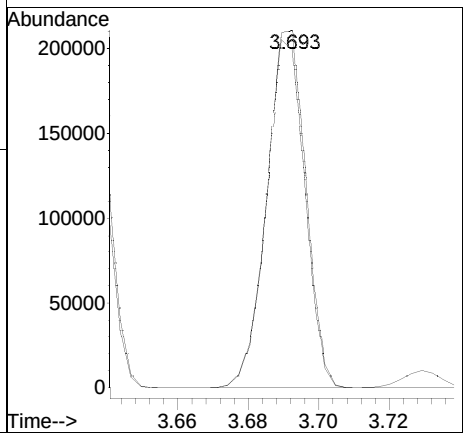


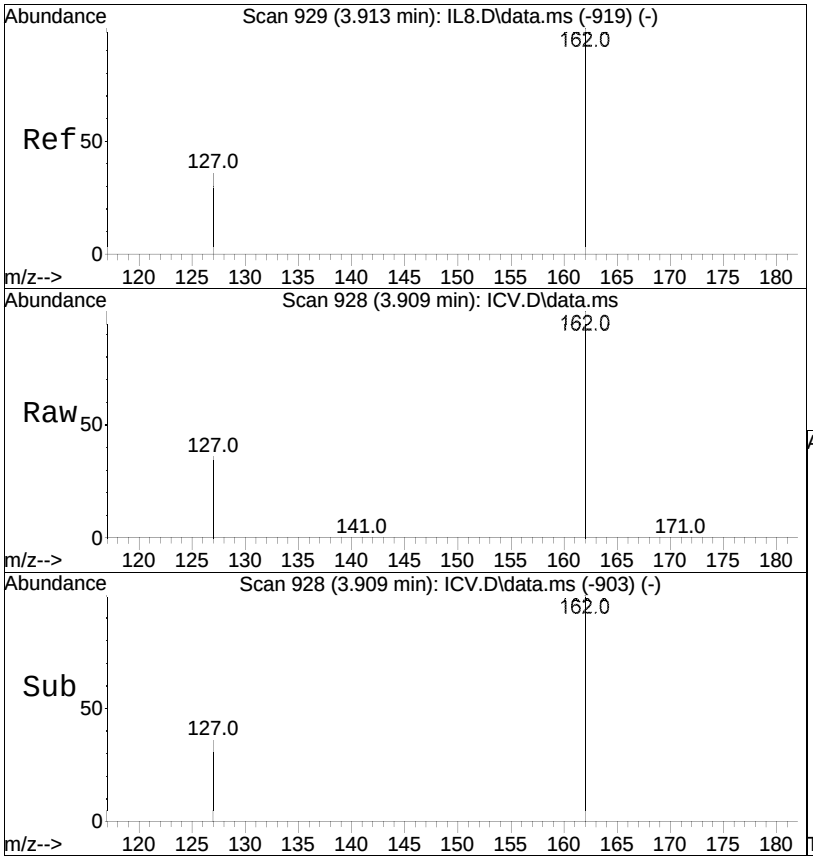


#13
1-Methylnaphthalene
Concen: 1019.78 ng/ml
RT: 3.693 min Scan# 857
Delta R.T. -0.001 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:142 Resp: 160192

Ion	Ratio	Lower	Upper
142	100		
141	96.5	76.8	115.2

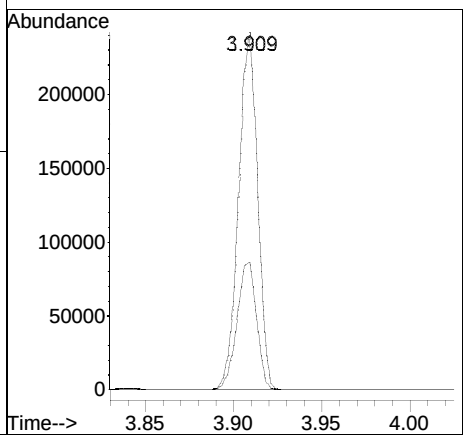


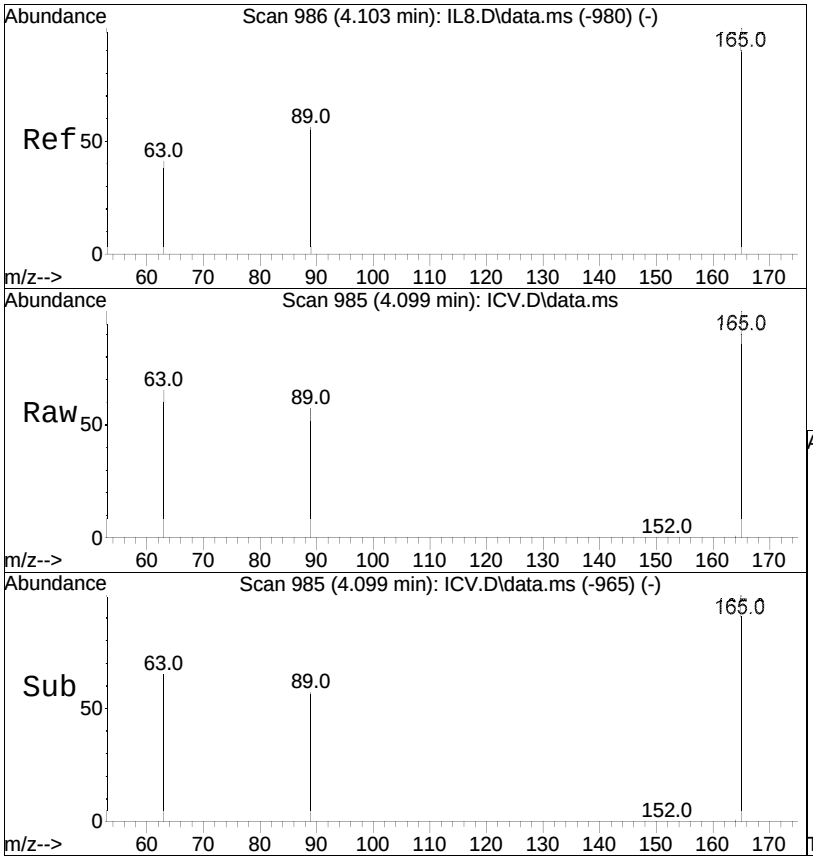


#15
2-Chloronaphthalene
Concen: 1013.49 ng/ml
RT: 3.909 min Scan# 928
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:162 Resp: 177498

Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.8	44.6

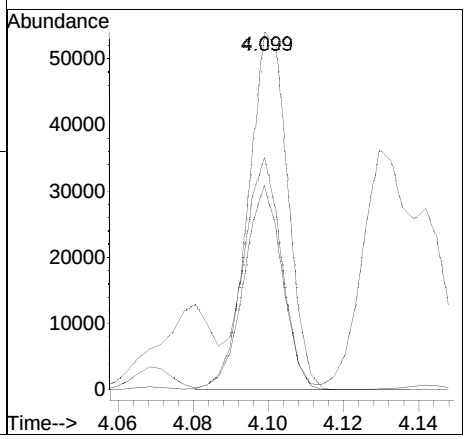


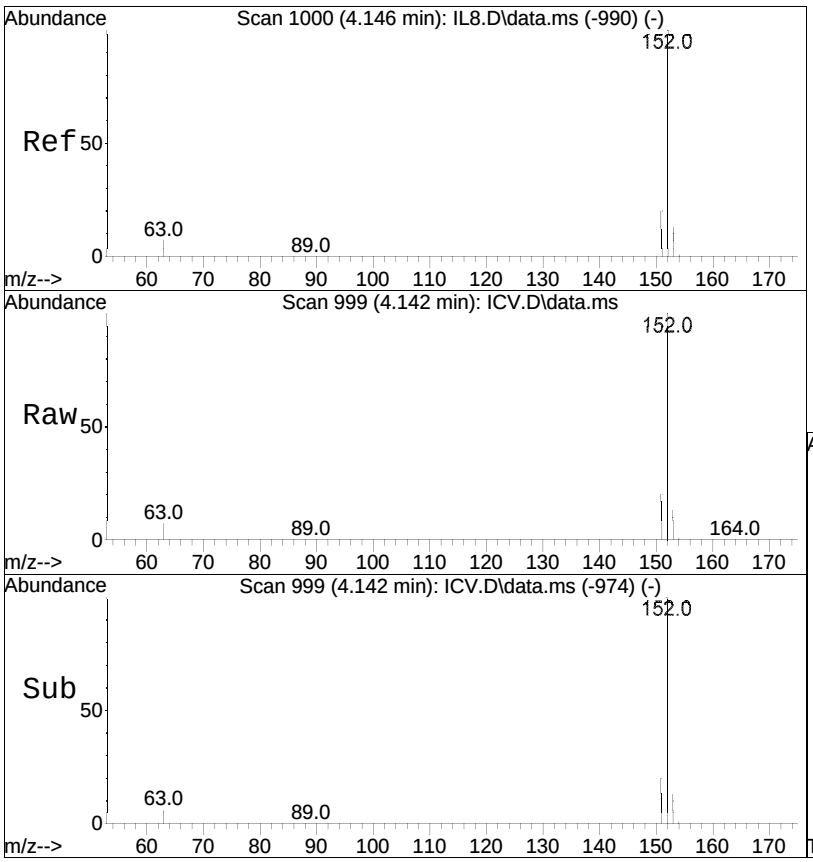


#16
2,6-Dinitrotoluene
Concen: 1043.78 ng/ml
RT: 4.099 min Scan# 985
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:165 Resp: 39275

Ion	Ratio	Lower	Upper
165	100		
89	55.7	45.8	68.8
63	62.4	50.5	75.7

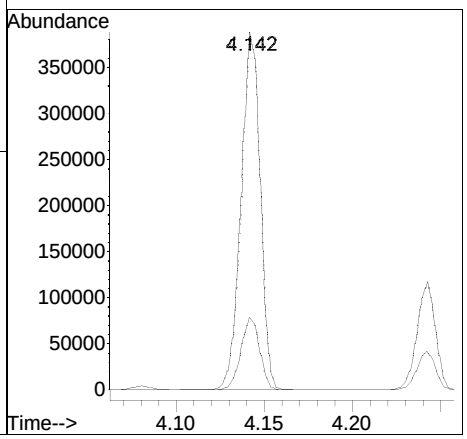


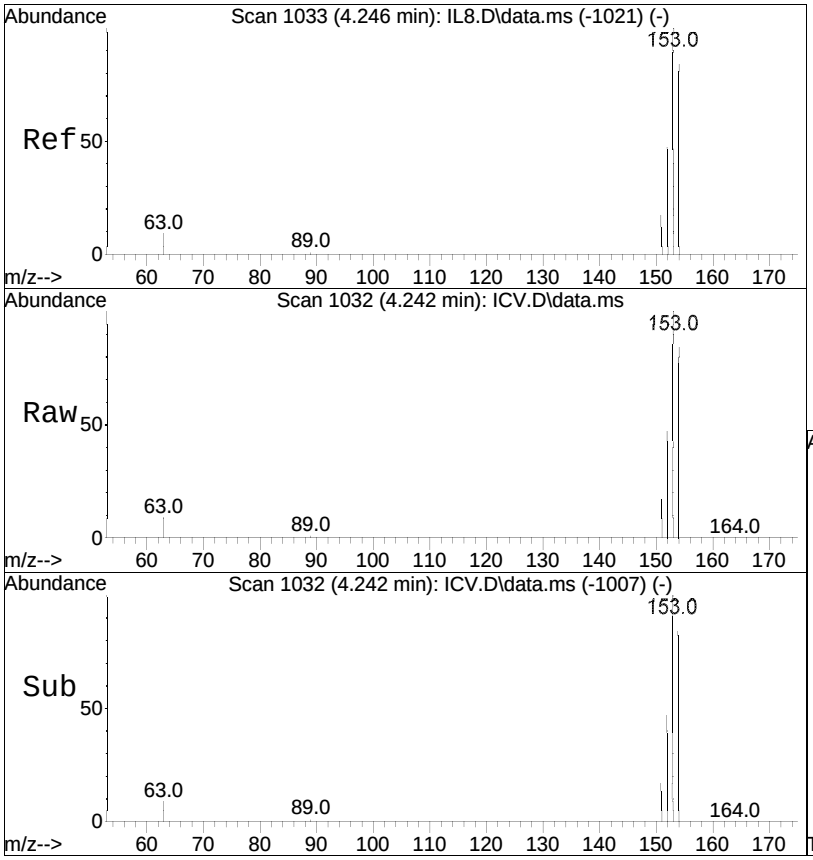


#17
Acenaphthylene
Concen: 1051.17 ng/ml
RT: 4.142 min Scan# 999
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:152 Resp: 290978

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0

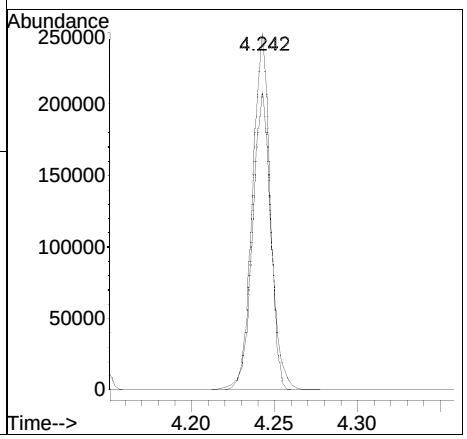


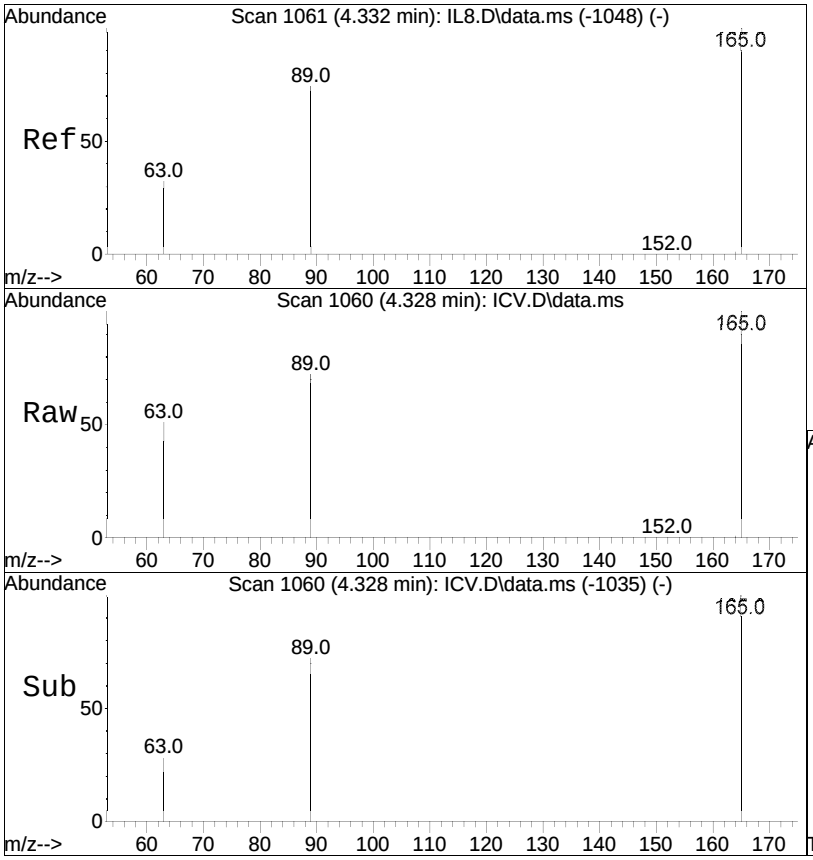


#19
Acenaphthene
Concen: 1028.60 ng/ml
RT: 4.242 min Scan# 1032
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:153 Resp: 180132

Ion	Ratio	Lower	Upper
153	100		
154	89.8	71.8	107.6

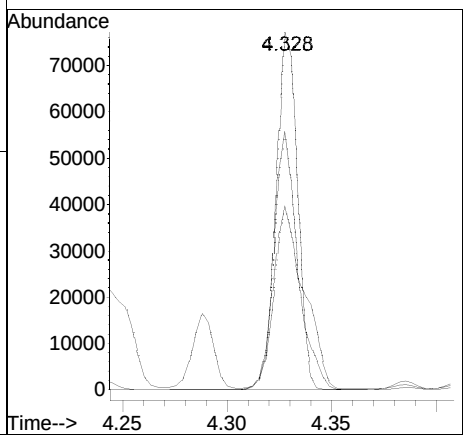


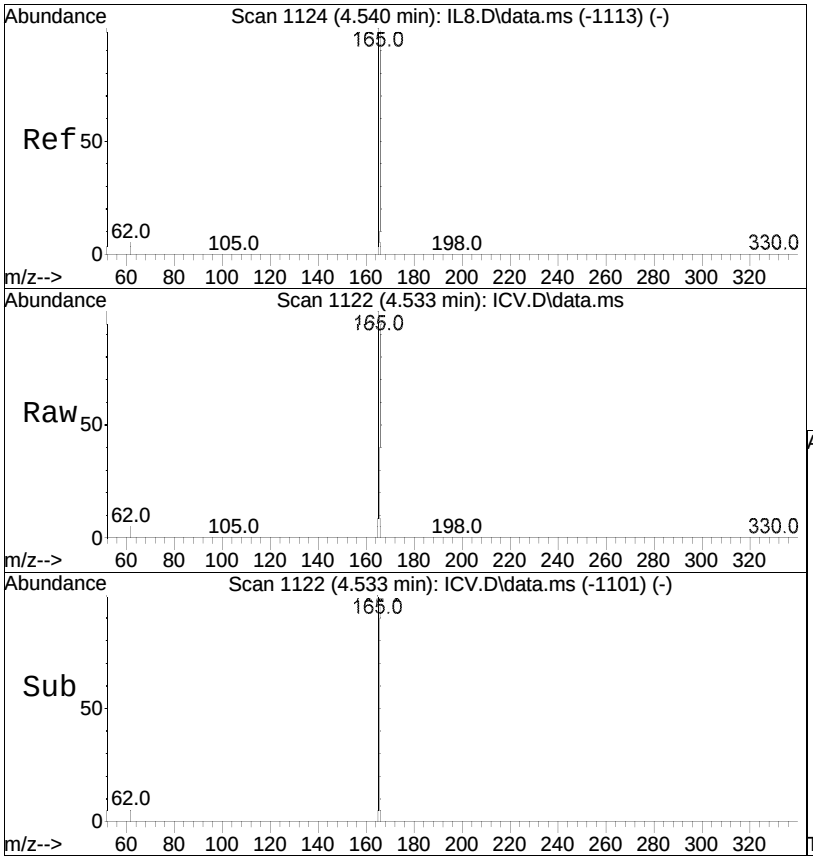


#20
2,4-Dinitrotoluene
Concen: 1070.36 ng/ml
RT: 4.328 min Scan# 1060
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:165 Resp: 54320

Ion	Ratio	Lower	Upper
165	100		
89	80.6	66.9	100.3
63	71.9	59.6	89.4

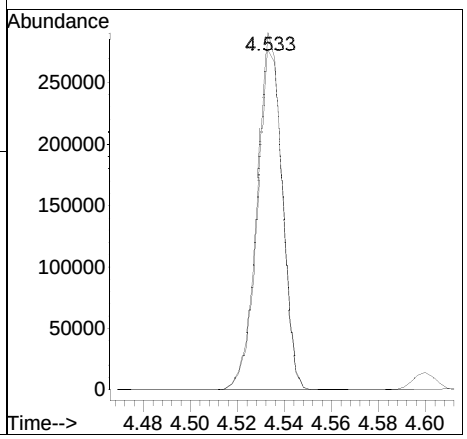


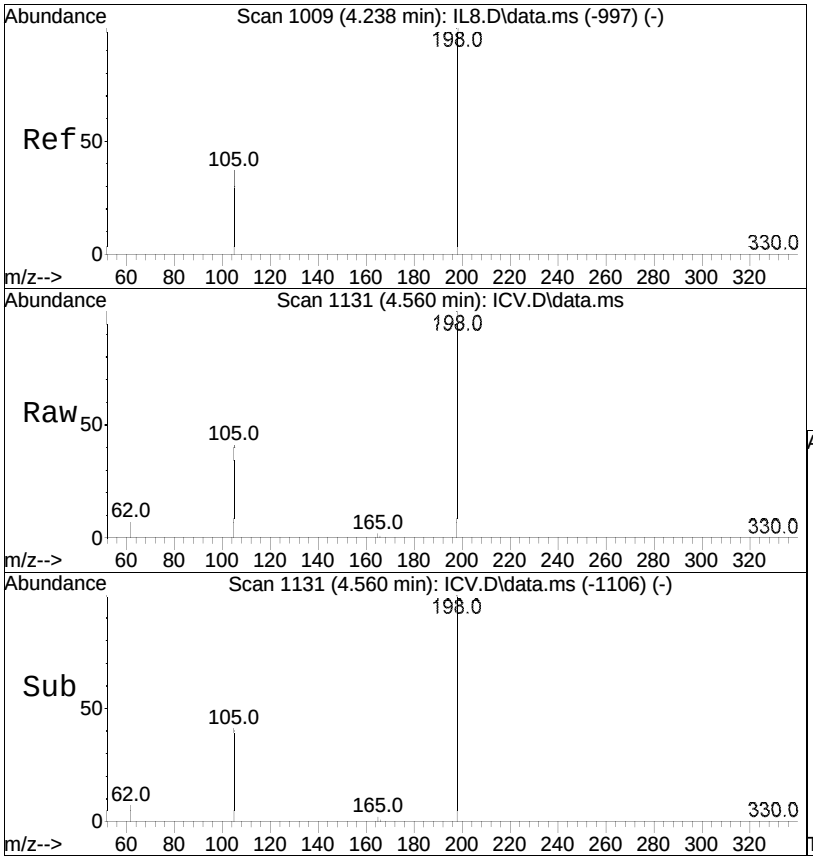


#21
Fluorene
Concen: 1016.87 ng/ml
RT: 4.533 min Scan# 1122
Delta R.T. -0.007 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:166 Resp: 207376

Ion	Ratio	Lower	Upper
166	100		
165	103.8	82.9	124.3

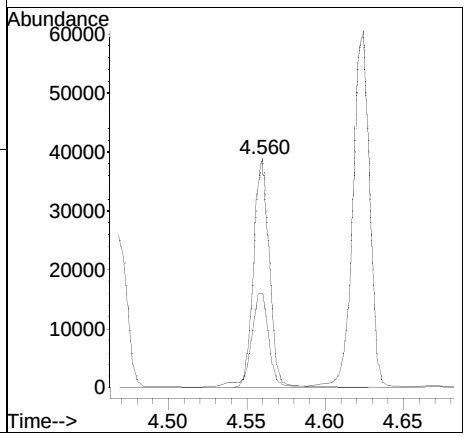


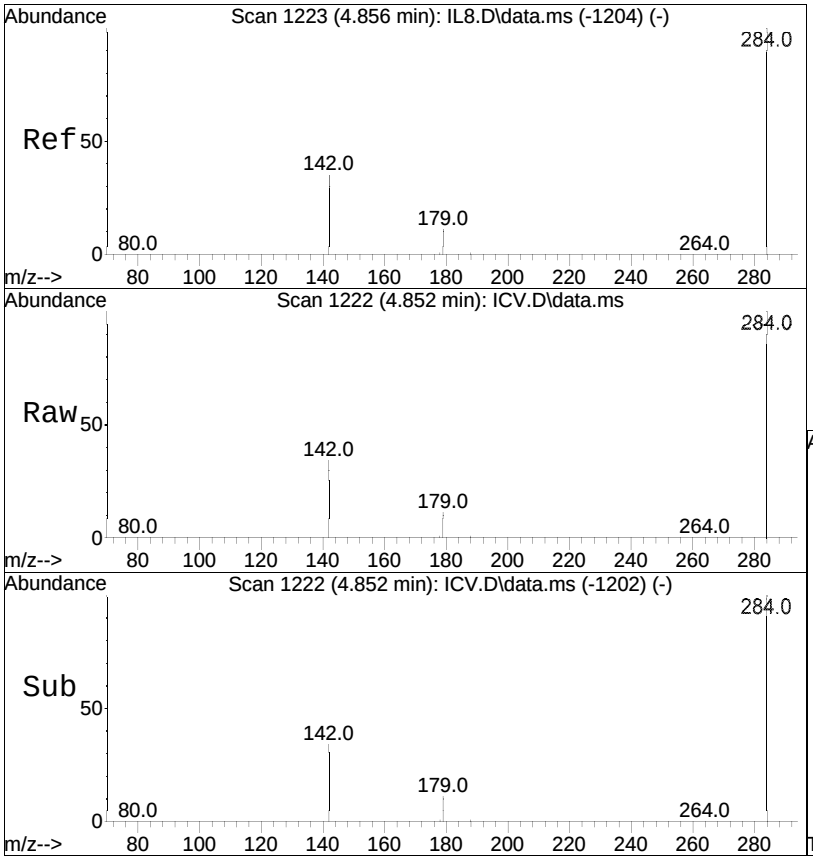


#24
4,6-Dinitro-o-cresol
Concen: 1028.72 ng/ml
RT: 4.560 min Scan# 1131
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:198 Resp: 27200

Ion	Ratio	Lower	Upper
198	100		
105	44.6	36.0	54.0

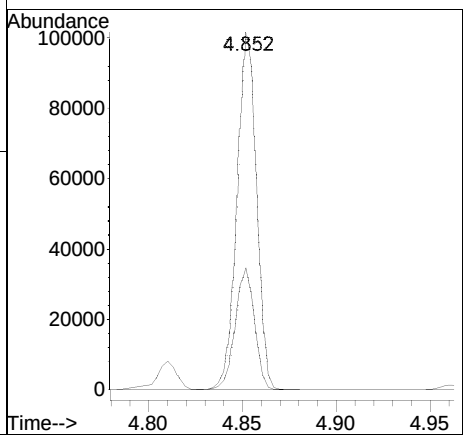


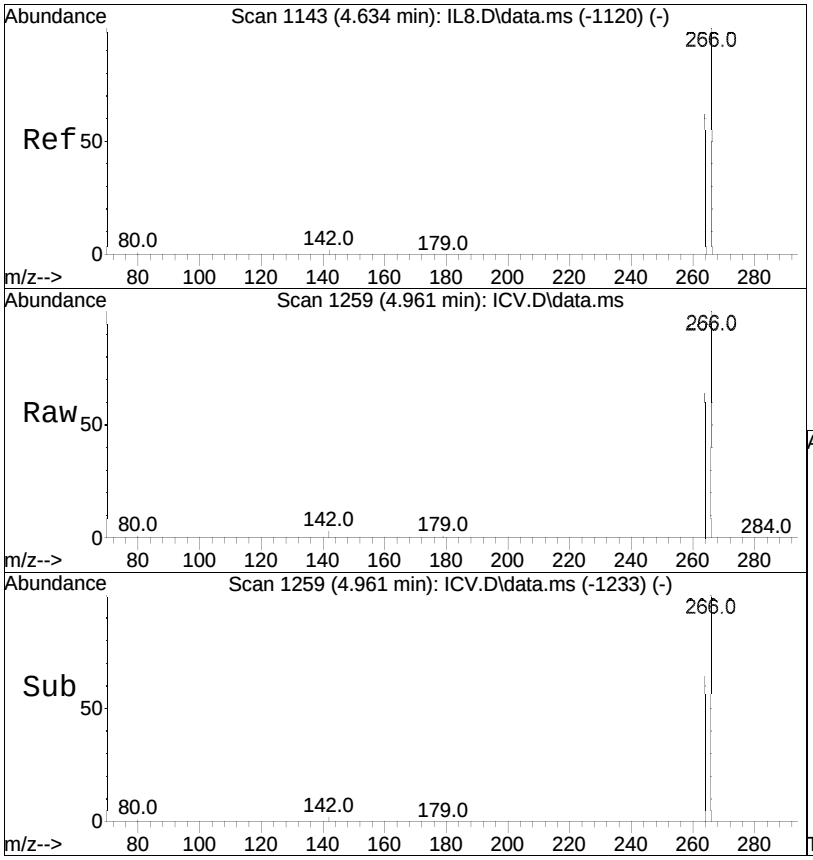


#25
Hexachlorobenzene
Concen: 1006.70 ng/ml
RT: 4.852 min Scan# 1222
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:284 Resp: 72221

Ion	Ratio	Lower	Upper
284	100		
142	33.9	23.9	35.9

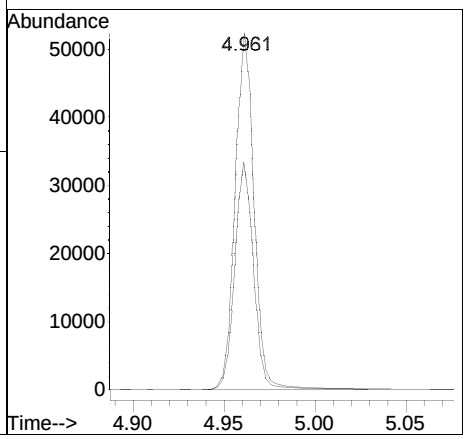


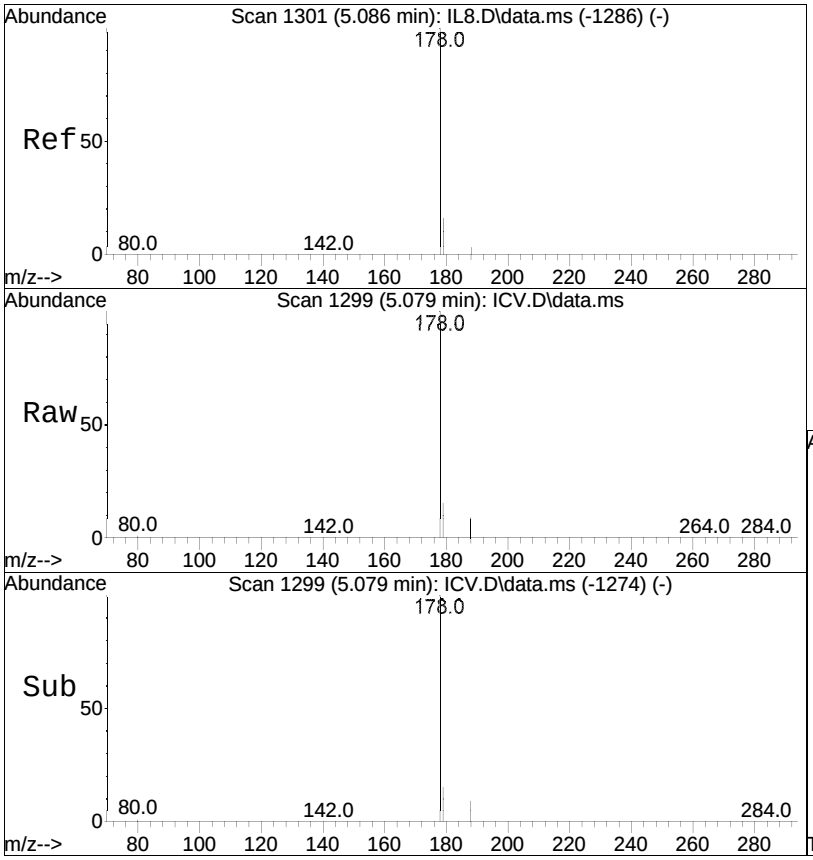


#26
Pentachlorophenol
Concen: 1043.65 ng/ml
RT: 4.961 min Scan# 1259
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:266 Resp: 37691

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.6	76.0

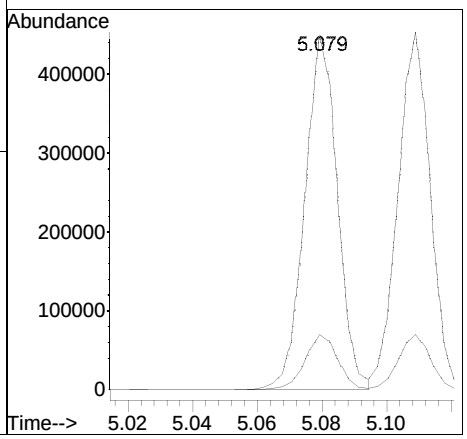


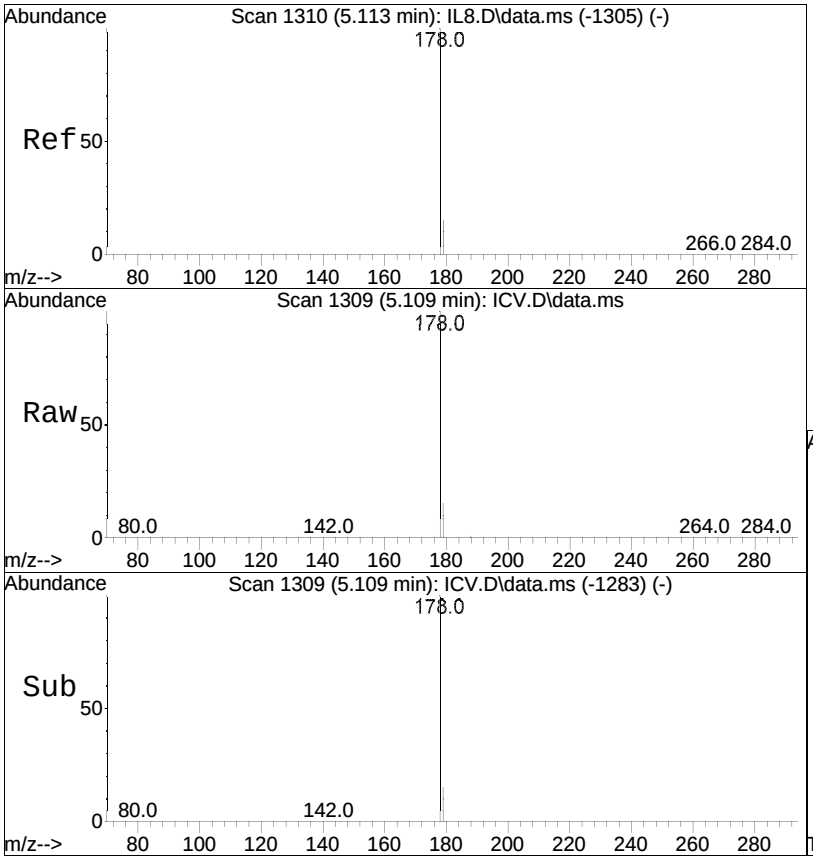


#27
Phenanthrene
Concen: 1007.94 ng/ml
RT: 5.079 min Scan# 1299
Delta R.T. -0.007 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:178 Resp: 314839

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7

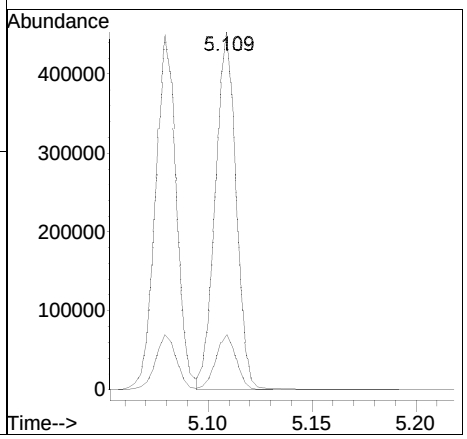


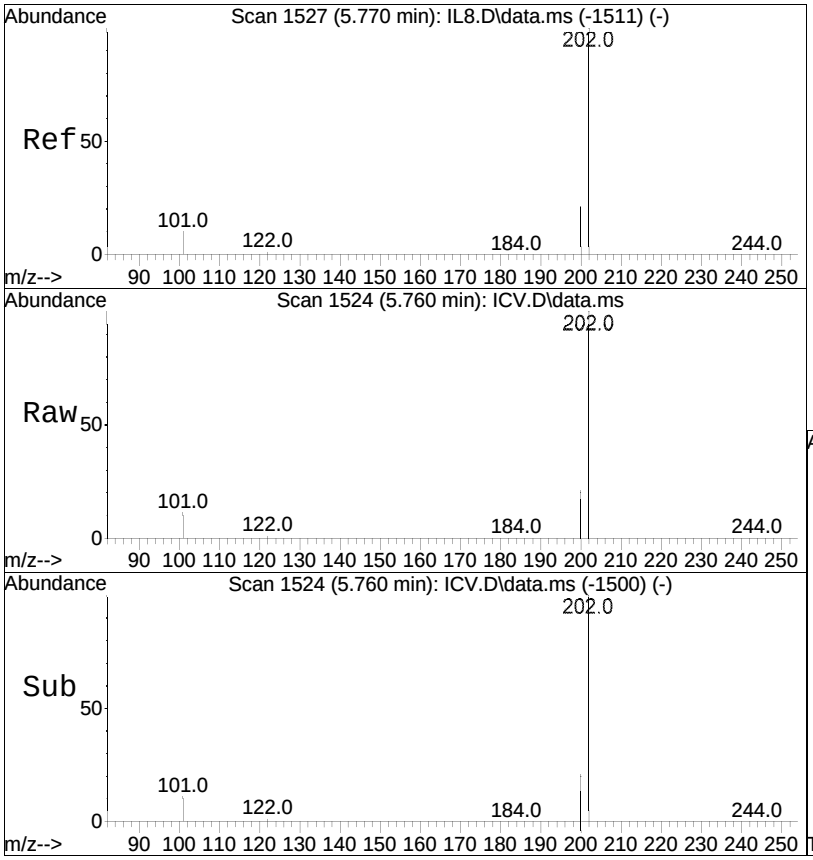


#28
Anthracene
Concen: 1007.32 ng/ml
RT: 5.109 min Scan# 1309
Delta R.T. -0.004 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:178 Resp: 315193

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5

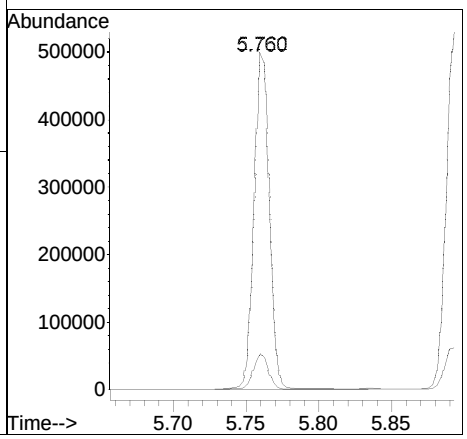


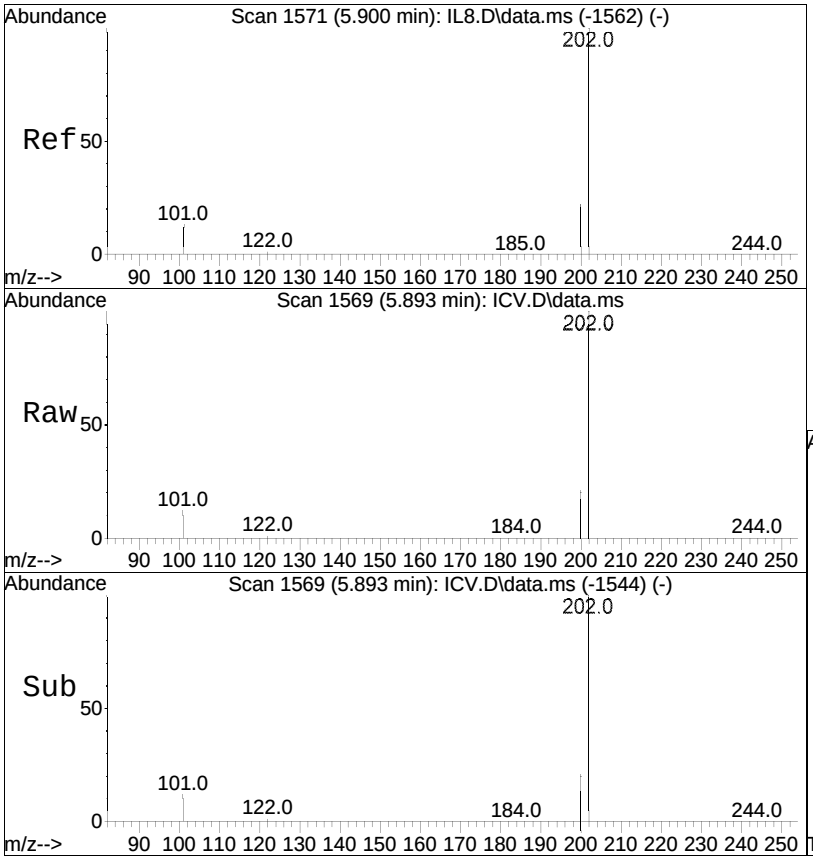


#29
Fluoranthene
Concen: 1000.41 ng/ml
RT: 5.760 min Scan# 1524
Delta R.T. -0.010 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:202 Resp: 367600

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5

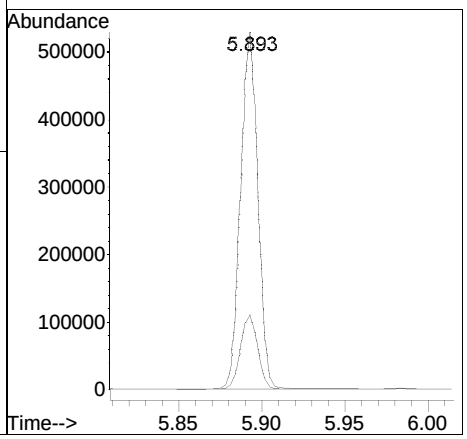


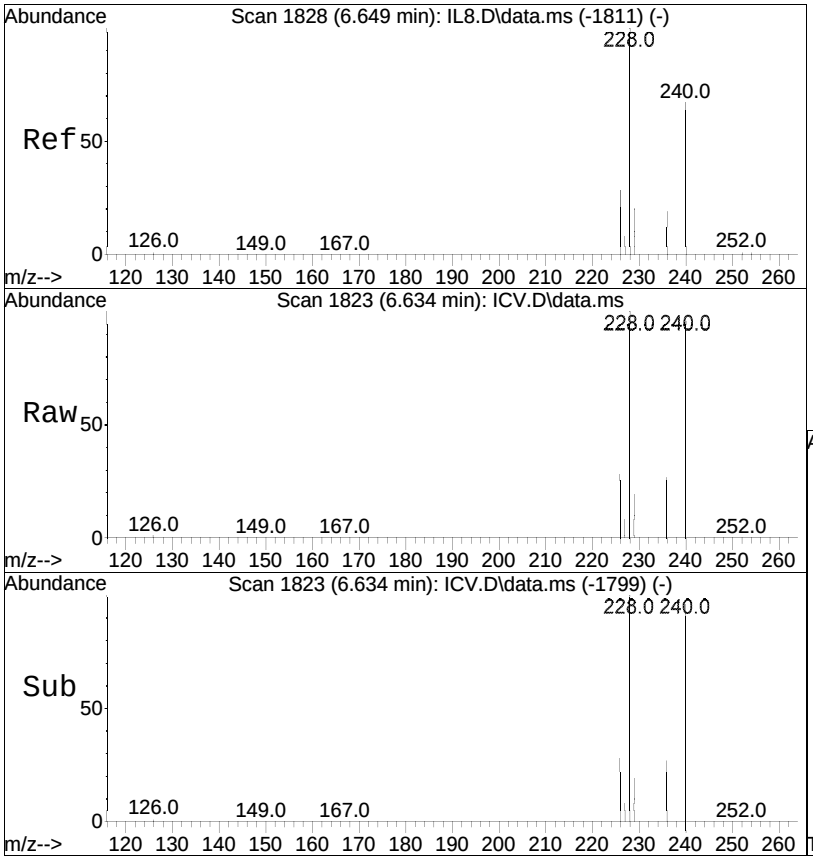


#30
Pyrene
Concen: 990.78 ng/ml
RT: 5.893 min Scan# 1569
Delta R.T. -0.007 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:202 Resp: 376252

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6

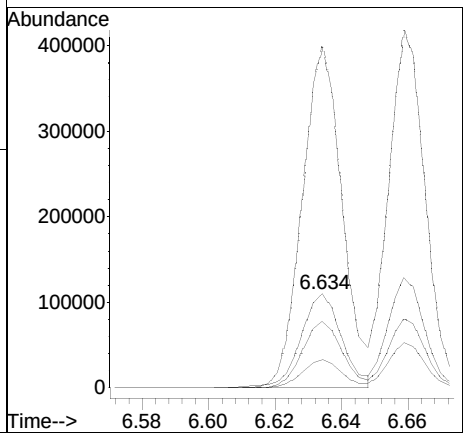


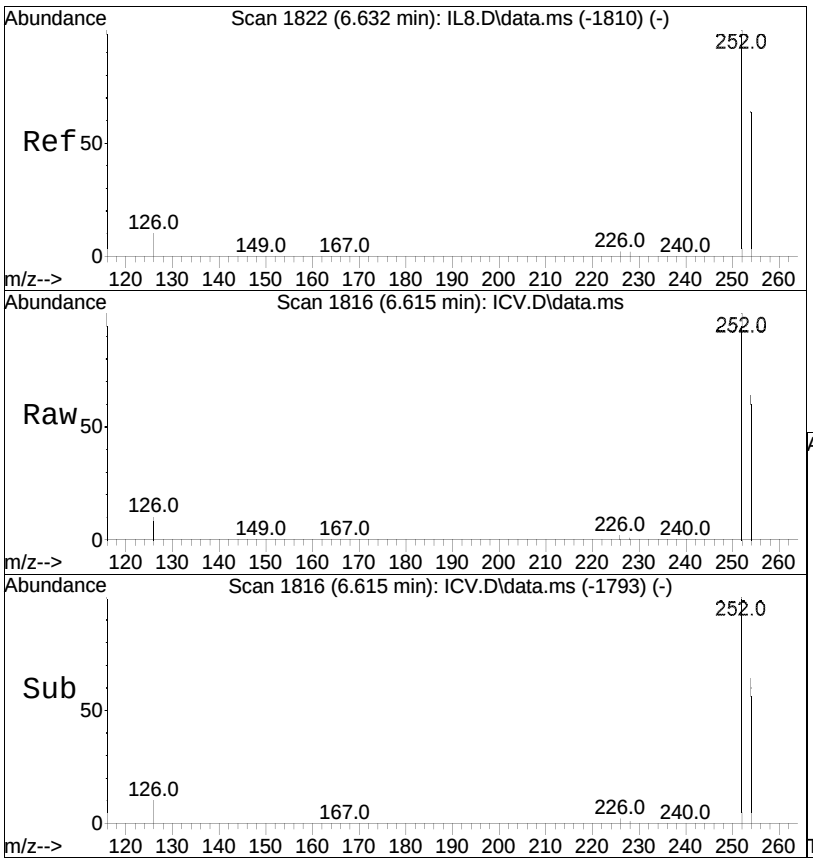


#33
Benzo[a]anthracene
Concen: 979.67 ng/ml
RT: 6.634 min Scan# 1823
Delta R.T. -0.014 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:226 Resp: 93685

Ion	Ratio	Lower	Upper
226	100		
227	28.4	23.5	35.3
228	354.7	283.8	425.8
229	69.3	55.5	83.3

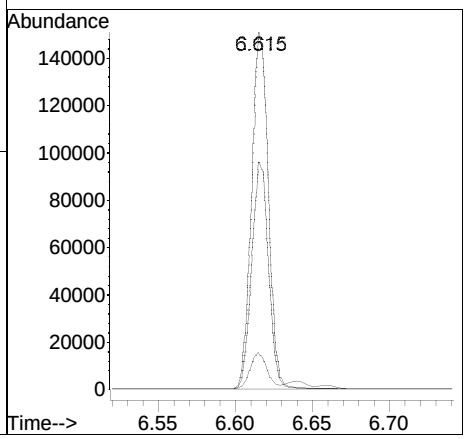


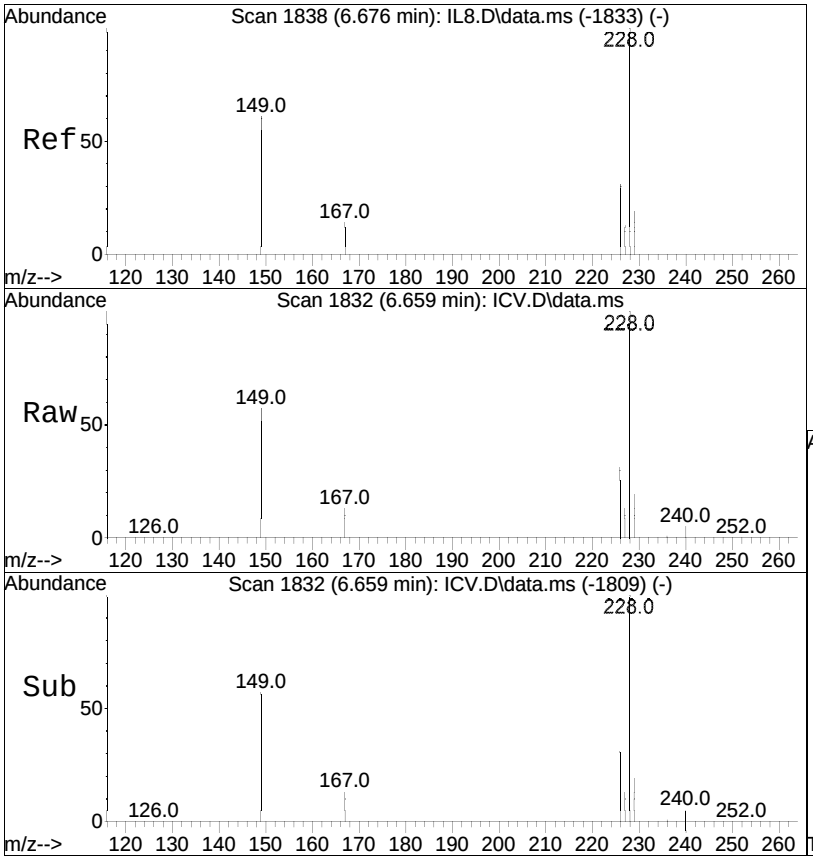


#34
3,3'-Dichlorobenzidine
Concen: 986.51 ng/ml
RT: 6.615 min Scan# 1816
Delta R.T. -0.017 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:252 Resp: 112613

Ion	Ratio	Lower	Upper
252	100		
126	10.4	8.3	12.5
254	64.3	51.4	77.2

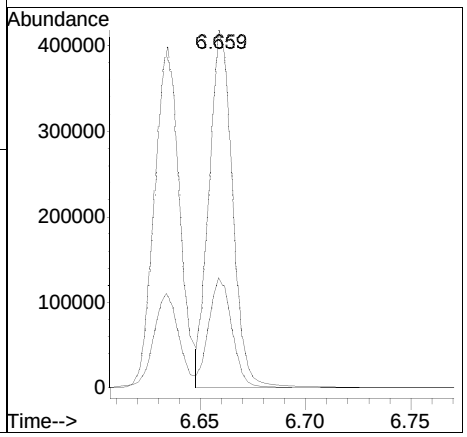


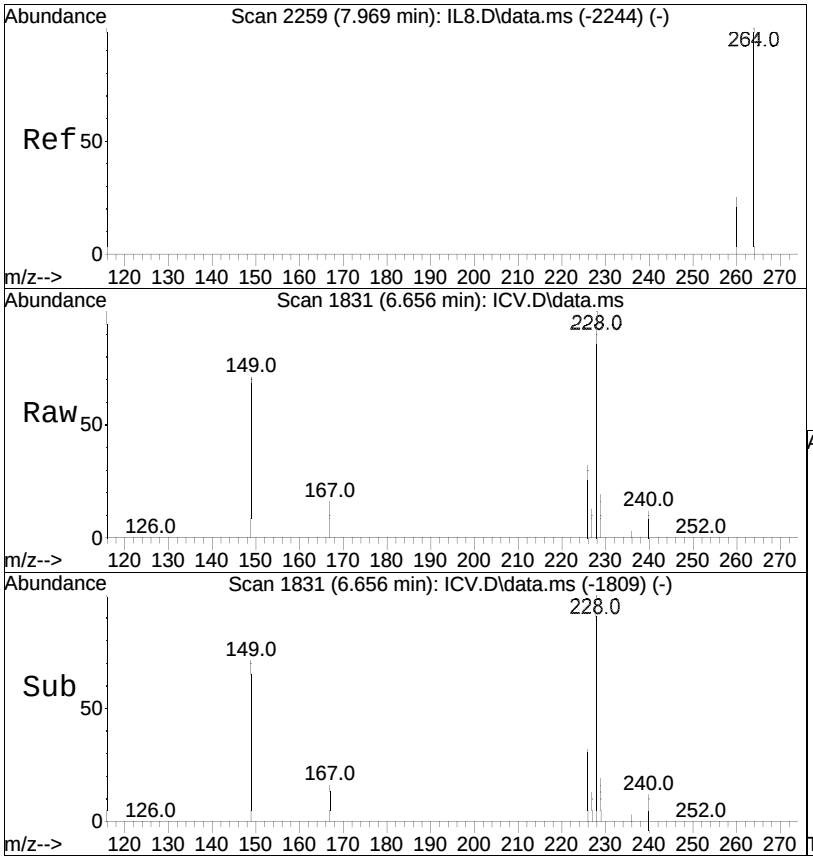


#35
Chrysene
Concen: 1042.13 ng/ml
RT: 6.659 min Scan# 1832
Delta R.T. -0.017 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:228 Resp: 321207

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1

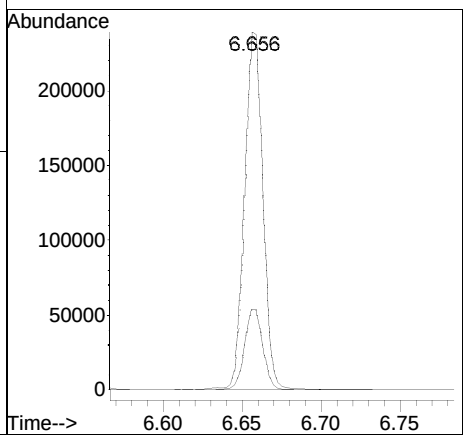


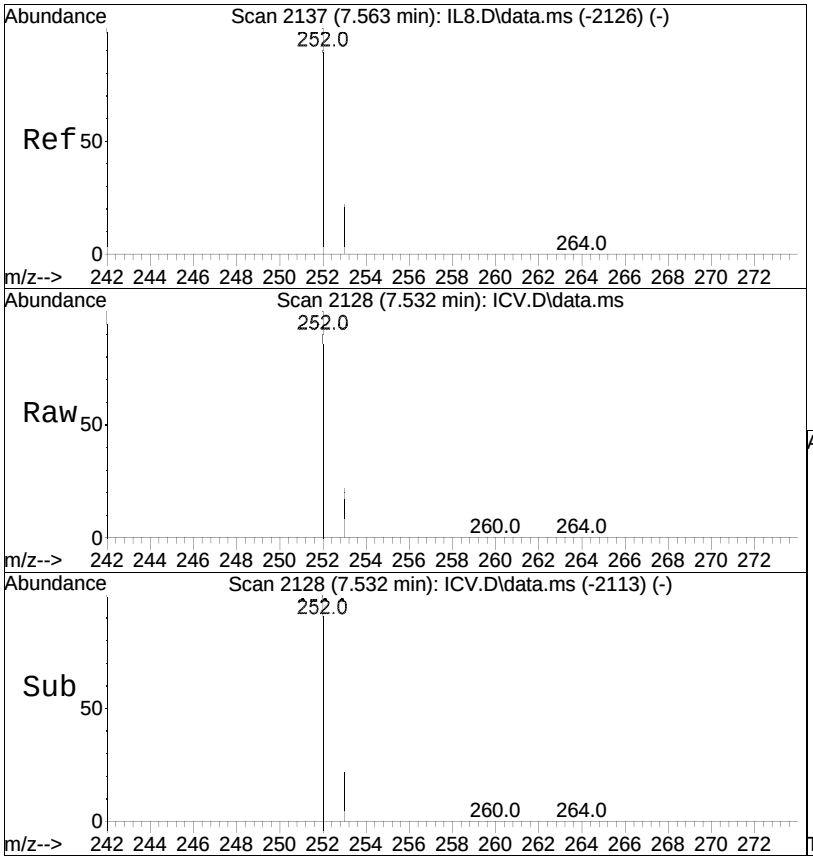


#36
Bis(2-ethylhexyl)phthalate
Concen: 1017.18 ng/ml
RT: 6.656 min Scan# 1831
Delta R.T. -0.020 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:149 Resp: 189496

Ion	Ratio	Lower	Upper
149	100		
167	22.7	18.4	27.6

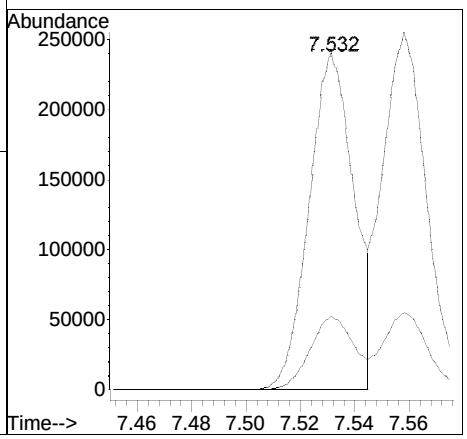


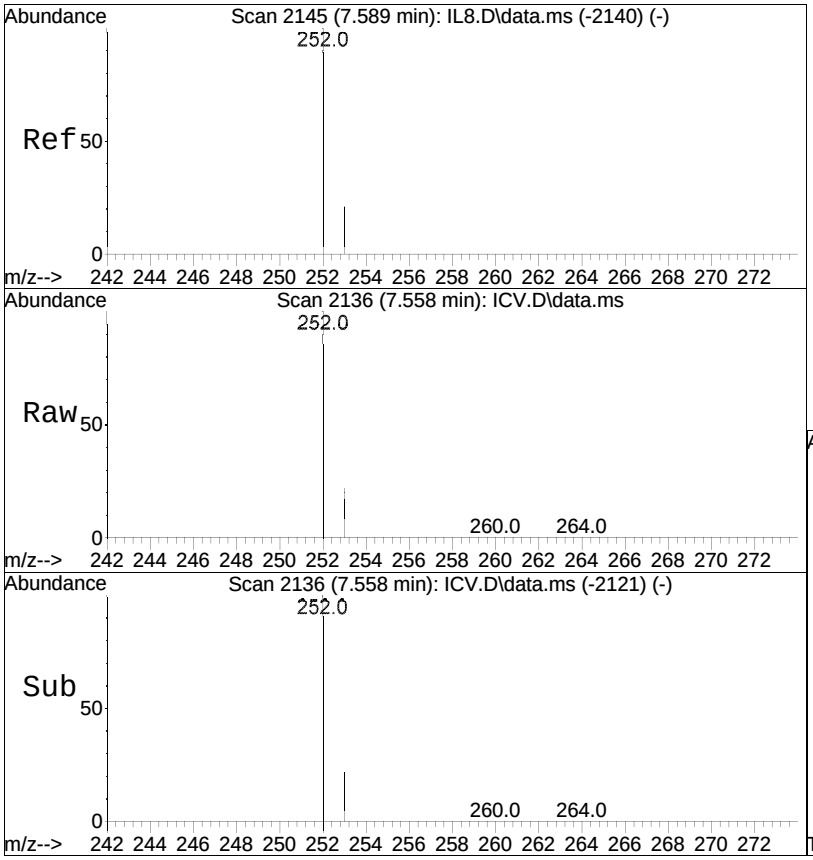


#38
Benzo[b]fluoranthene
Concen: 1021.71 ng/ml
RT: 7.532 min Scan# 2128
Delta R.T. -0.031 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:252 Resp: 278362

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7

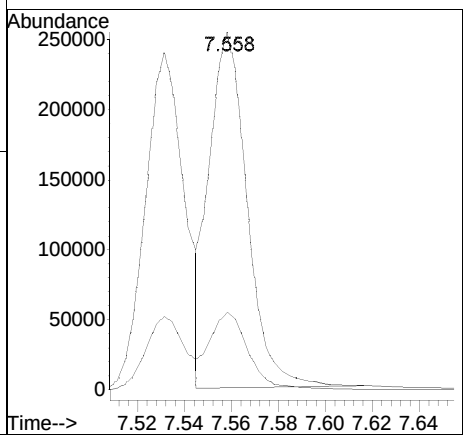


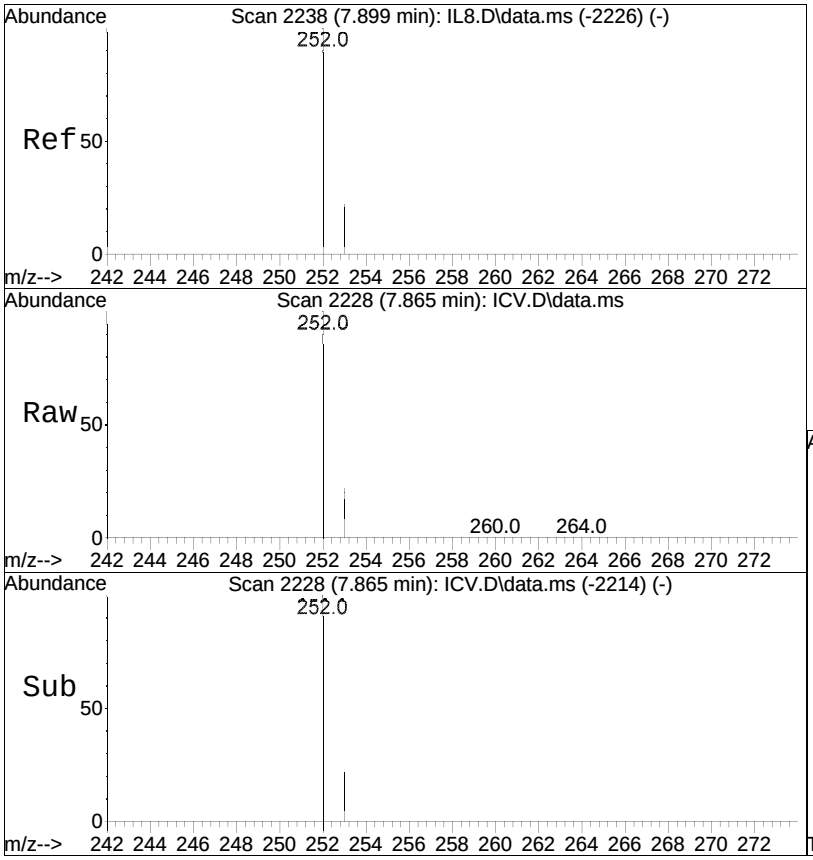


#39
Benzo[k]fluoranthene
Concen: 1041.96 ng/ml
RT: 7.558 min Scan# 2136
Delta R.T. -0.031 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:252 Resp: 284760

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.2	24.4

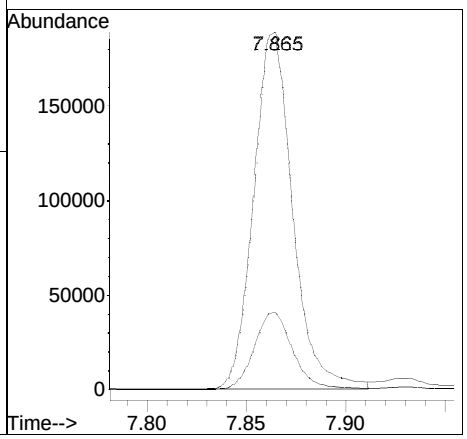


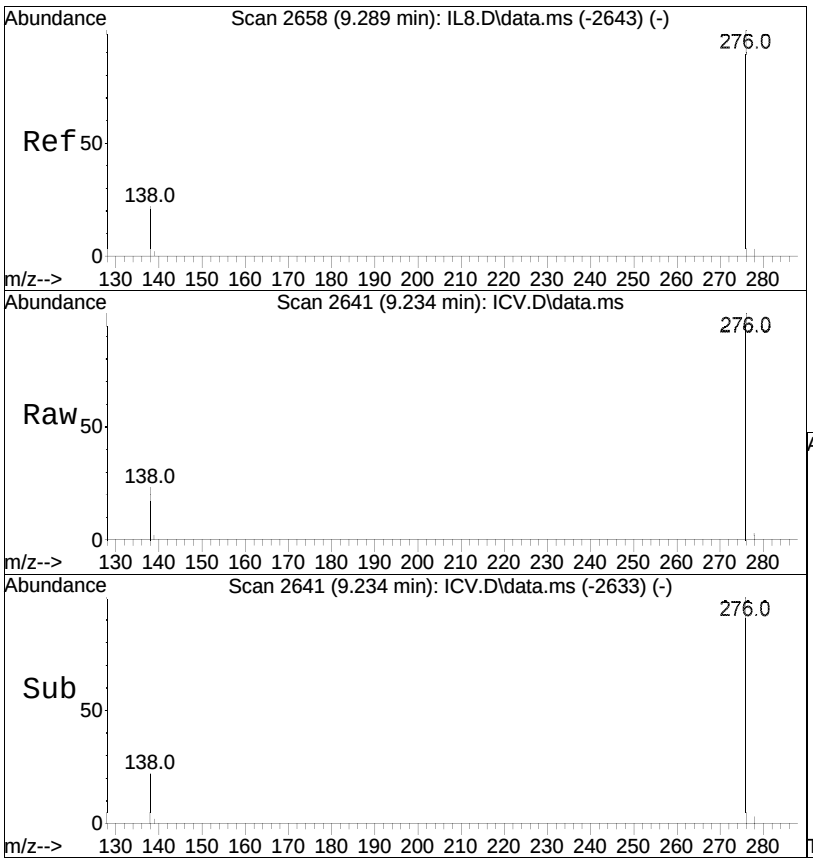


#40
Benzo[a]pyrene
Concen: 1055.08 ng/ml
RT: 7.865 min Scan# 2228
Delta R.T. -0.034 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:252 Resp: 255403

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9

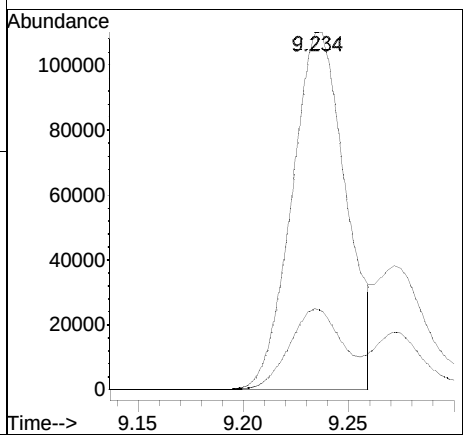


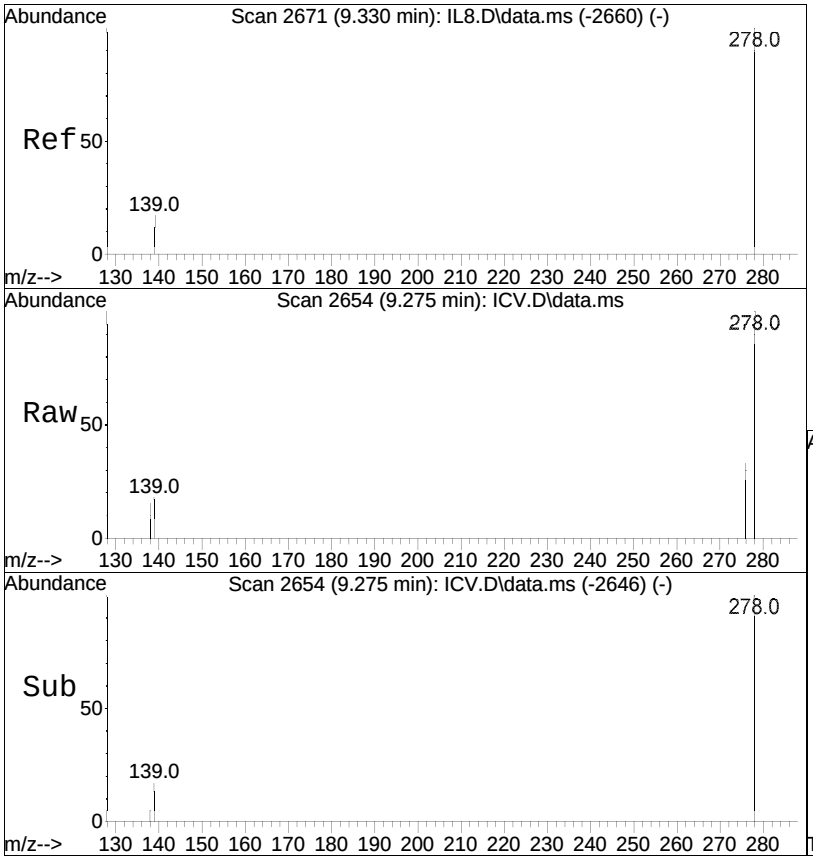


#41
Indeno[1,2,3-cd]pyrene
Concen: 992.87 ng/ml
RT: 9.234 min Scan# 2641
Delta R.T. -0.055 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:276 Resp: 195309

Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.5	26.3

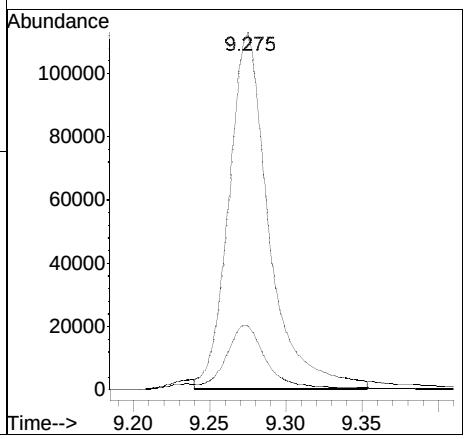


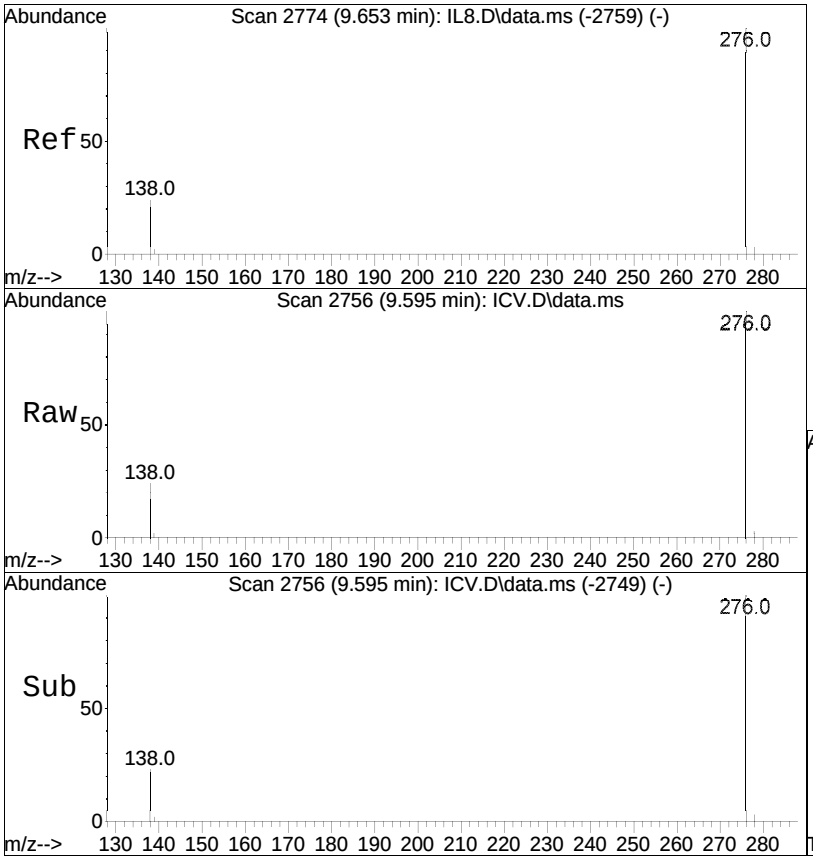


#42
Dibenzo[a,h]anthracene
Concen: 1057.53 ng/ml M6
RT: 9.275 min Scan# 2654
Delta R.T. -0.055 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:278 Resp: 205376

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.1	21.1

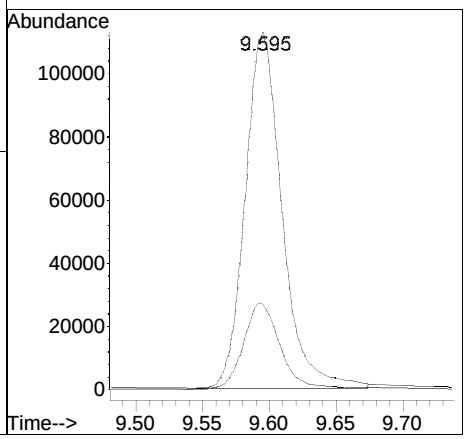




#43
Benzo[g,h,i]perylene
Concen: 1018.83 ng/ml
RT: 9.595 min Scan# 2756
Delta R.T. -0.058 min
Lab File: ICV.D
Acq: 20 Nov 2025 07:23 pm

Tgt Ion:276 Resp: 214085

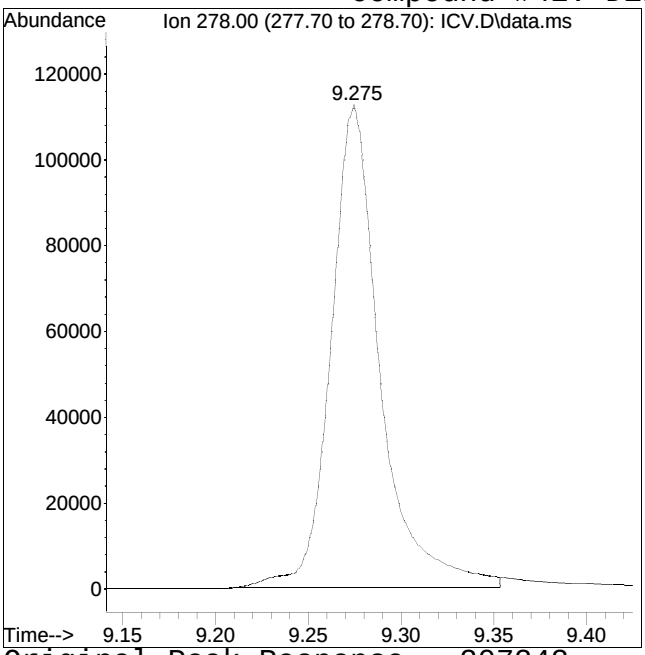
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.0	28.6



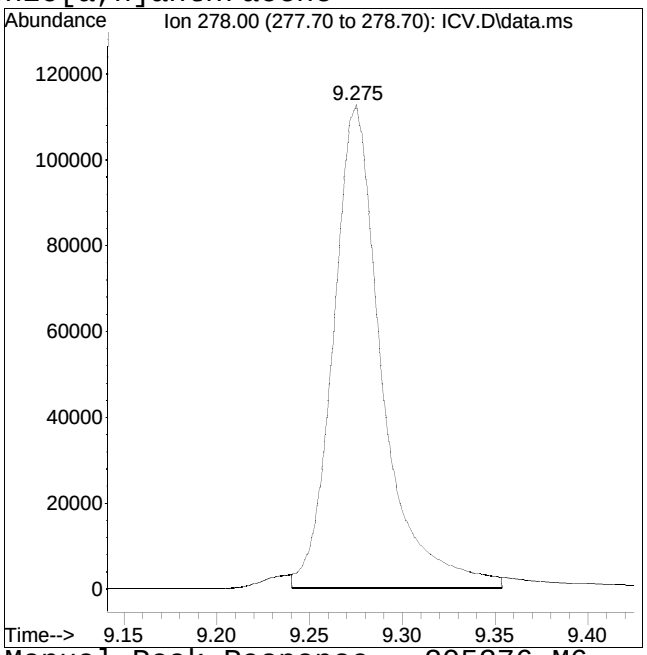
Manual Integration Report

Data Path : I:\8270SIM\SV125\251120RVTQMethod : SIM-RVT_251120_sv125.M
Data File : ICV.D Operator : SV125:jjw
Date Inj'd : 11/20/2025 7:23 pm Instrument : SV125
Sample : CQICV1,32,,1 Lot# 12034 Quant Date : 11/25/2025 11:37 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 207242



Manual Peak Response = 205376 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Relative Error Report SV125

Method Path : I:\8270SIM\SV125\251120RVTical\
Method File : SIM-RVT_251120_sv125.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Tue Nov 25 11:16:16 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
24 T	4,6-Dinitro-o-cresol	Q	ng/ml	1000.0	977.935	-2.2	40.00	43.141	7.9
26 T	Pentachlorophenol	Q	ng/ml	1000.0	1009.463	0.9	10.00	13.991	39.9
33 T	Benzo[a]anthracene	L	ng/ml	1000.0	975.767	-2.4	2.00	2.418	20.9

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
24 T	4,6-Dinitro-o-cresol	Quadratic	0.999536	0.024477	0.0919076	-0.000372564
26 T	Pentachlorophenol	Quadratic	0.999023	0.028843	0.126082	-0.000379413
33 T	Benzo[a]anthracene	Linear	0.999766	0.000000	0.414155	0.000202852

Response Factor Report SV118

Method Path : I:\8270SIM\SV118\251213RVTical\
Method File : SIM-RVT_251213sv118.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Dec 17 16:45:51 2025
Response Via : Initial Calibration

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D
L10 =L10.D

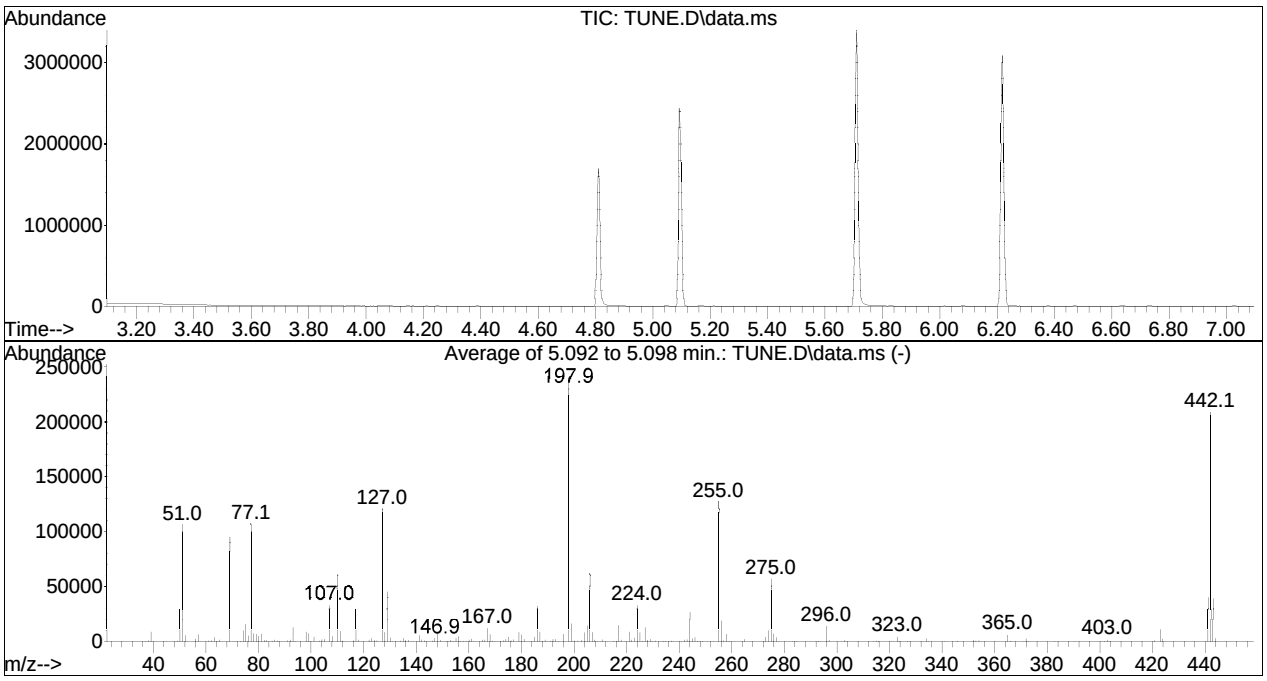
		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	ISTD											
2)	T	N-Nitrosodimethylamine			0.541	0.597	0.593	0.659	0.639	0.666	0.661	0.652	0.626	7.10
3)	s	2-Fluorophenol	1.053	0.974	0.894	0.939	0.925	1.030	0.984	1.022	0.993	0.988	0.980	5.04
4)	s	Phenol-d6		1.130	1.090	1.098	1.075	1.210	1.198	1.251	1.268	1.291	1.179	7.01
5)	T	bis(2-Chloroethyl)ether			1.105	1.084	1.061	1.159	1.108	1.135	1.118	1.112	1.110	2.69
6)	T	n-Nitrosodi-n-propylamine			0.637	0.643	0.629	0.703	0.707	0.760	0.780	0.818	0.710	10.01
7)	t	Hexachloroethane			0.468	0.504	0.486	0.528	0.504	0.519	0.516	0.514	0.505	3.89
8)	s	Nitrobenzene-d5	0.916	0.902	0.769	0.837	0.819	0.931	0.926	0.986	0.998	1.010	0.909	8.81
9)	i	Naphthalene-d8	ISTD											
10)	t	Naphthalene			1.032	1.081	1.008	1.084	1.012	1.030	1.002	0.976	1.028	3.68
11)	t	Hexachlorobutadiene				0.207	0.202	0.219	0.206	0.208	0.203	0.195	0.206	3.46
12)	t	2-Methylnaphthalene			0.625	0.643	0.610	0.668	0.639	0.657	0.630	0.611	0.635	3.22
13)	t	1-Methylnaphthalene			0.627	0.656	0.632	0.689	0.656	0.664	0.637	0.621	0.648	3.52
14)	s	2-Fluorobiphenyl	0.909	0.906	0.803	0.834	0.823	0.904	0.854	0.871	0.820	0.788	0.851	5.25
15)	t	2-Chloronaphthalene			0.702	0.716	0.702	0.773	0.733	0.756	0.729	0.714	0.728	3.52
16)	t	2,6-Dinitrotoluene					0.098	0.109	0.117	0.136	0.146	0.155	0.127	17.71
17)	t	Acenaphthylene			0.972	1.010	0.993	1.109	1.120	1.183	1.146	1.119	1.082	7.26
18)	i	Acenaphthene-d10	ISTD											
19)	t	Acenaphthene			1.309	1.374	1.335	1.430	1.348	1.373	1.325	1.285	1.347	3.35
20)	t	2,4-Dinitrotoluene					0.209	0.251	0.279	0.323	0.354	0.369	*Q	0.9991
21)	t	Fluorene			1.470	1.506	1.464	1.615	1.556	1.609	1.563	1.510	1.537	3.80
22)	s	2,4,6-Tribromophenol			0.157	0.166	0.171	0.199	0.212	0.228	0.229	0.227	0.199	15.20
23)	i	Phenanthrene-d10	ISTD											
24)	T	4,6-Dinitro-o-cresol					0.044	0.056	0.066	0.077	0.086	0.095	*Q	0.9994
25)	t	Hexachlorobenzene		0.278	0.253	0.258	0.251	0.275	0.266	0.269	0.261	0.253	0.263	3.74
26)	t	Pentachlorophenol				0.048	0.059	0.077	0.101	0.123	0.135	0.143	*Q	0.9980
27)	t	Phenanthrene			1.135	1.182	1.112	1.203	1.148	1.162	1.129	1.084	1.144	3.33
28)	t	Anthracene			1.081	1.088	1.029	1.147	1.120	1.167	1.142	1.109	1.110	3.98
29)	t	Fluoranthene			1.172	1.214	1.174	1.283	1.234	1.260	1.212	1.131	1.210	4.12
30)	t	Pyrene			1.207	1.237	1.191	1.334	1.282	1.307	1.239	1.158	1.244	4.83
31)	s	4-Terphenyl-d14	0.818	0.834	0.743	0.743	0.739	0.813	0.773	0.791	0.755	0.699	0.771	5.52
32)	i	Chrysene-d12	ISTD											
33)	t	Benzo[a]anthracene			0.516	0.444	0.367	0.395	0.383	0.405	0.412	0.410	0.416	11.06
34)	t	3,3'-Dichlorobenzidine					0.348	0.409	0.440	0.496	0.538	0.553	0.464	17.14
35)	t	Chrysene			1.301	1.381	1.308	1.442	1.363	1.385	1.374	1.345	1.363	3.32
36)	T	bis(2-Ethylhexyl)phthalate					0.504	0.567	0.636	0.754	0.891	1.011	*Q	0.9991
37)	i	Perylene-d12	ISTD											
38)	t	Benzo[b]fluora...			1.206	1.277	1.220	1.383	1.299	1.341	1.324	1.270	1.290	4.63
39)	t	Benzo[k]fluora...			1.194	1.228	1.244	1.362	1.351	1.383	1.353	1.312	1.304	5.48
40)	t	Benzo[a]pyrene			0.993	1.035	1.034	1.170	1.160	1.211	1.228	1.210	1.130	8.35
41)	t	Indeno[1,2,3-c...			0.896	0.929	0.926	1.019	0.996	1.069	1.111	1.126	1.009	8.71
42)	t	Dibenzo[a,h]anthracene			0.813	0.858	0.880	0.994	1.016	1.065	1.080	1.084	0.974	11.12
43)	t	Benzo[g,h,i]pe...			0.959	0.976	0.957	1.075	1.065	1.116	1.136	1.125	1.051	7.27

(#) = Out of Range

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : TUNE.D
Acq On : 13 Dec 2025 06:36 pm
Operator : SV118:csn
Sample : TUNE #12051
Misc : WG2154186,
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Dec 15 17:54:48 2025



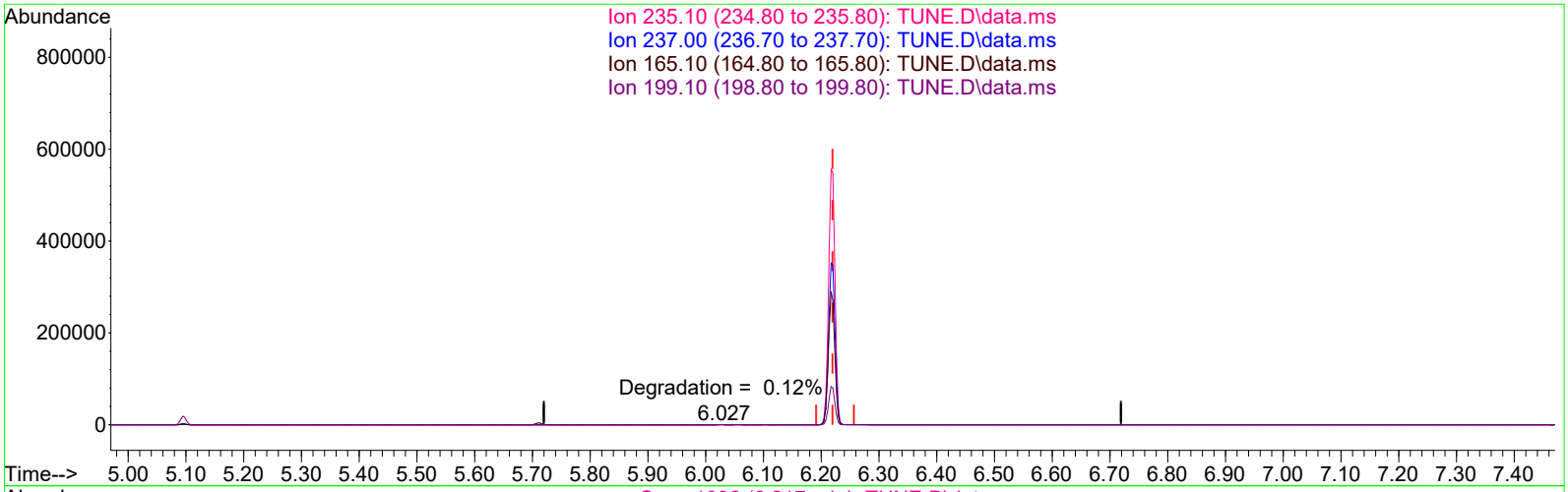
Spectrum Information: Average of 5.092 to 5.098 min.

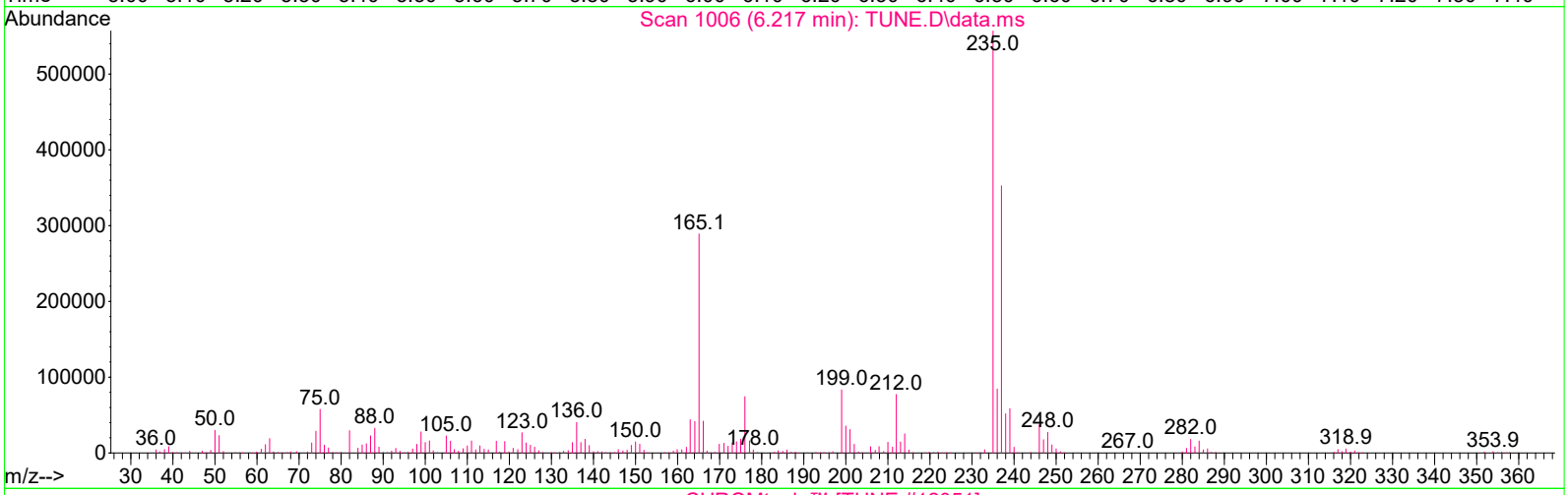
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	44.2	106141	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	94752	PASS
70	69	0.00	2	0.4	413	PASS
127	198	10	80	50.2	120611	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	240299	PASS
199	198	5	9	6.7	16134	PASS
275	198	10	60	23.6	56667	PASS
365	198	1	100	2.6	6196	PASS
441	442	0.01	24	18.9	39475	PASS
442	198	50	100	86.9	208917	PASS
443	442	15	24	18.6	38789	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : TUNE.D
Acq On : 13 Dec 2025 06:36 pm
Operator : SV118:csn
Sample : TUNE #12051
Misc : WG2154163
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 13 18:51:16 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\dftppsv118.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Nov 29 13:35:46 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [TUNE #12051]

(6) ddt (T)

6.217min (-0.003) 70.76

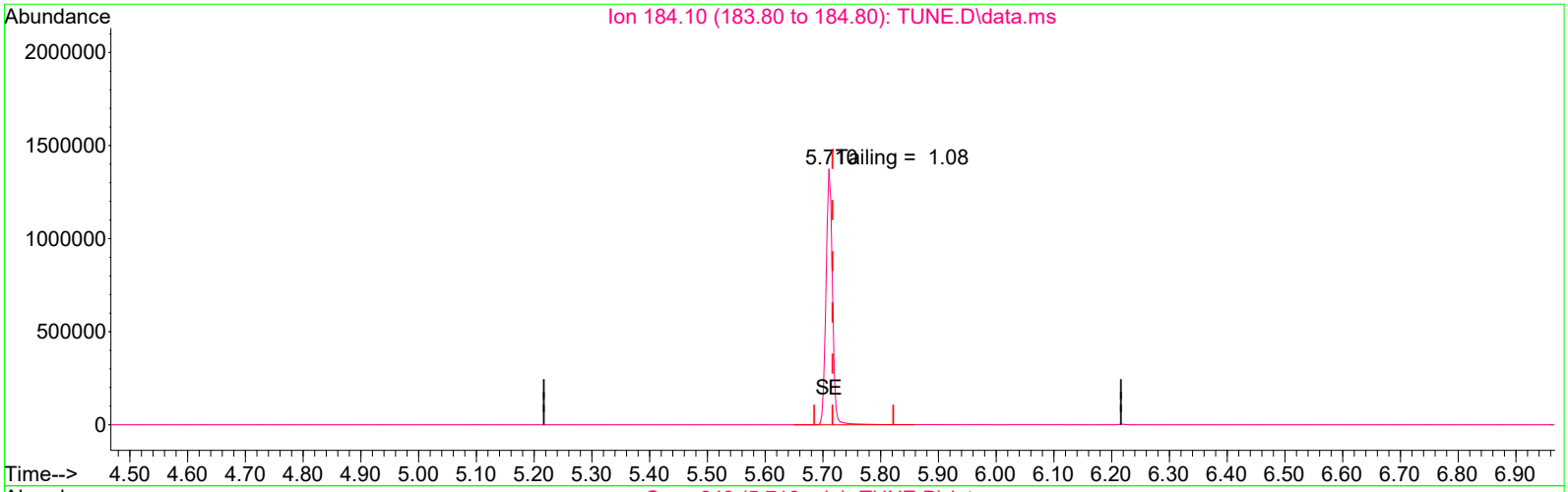
response 431313

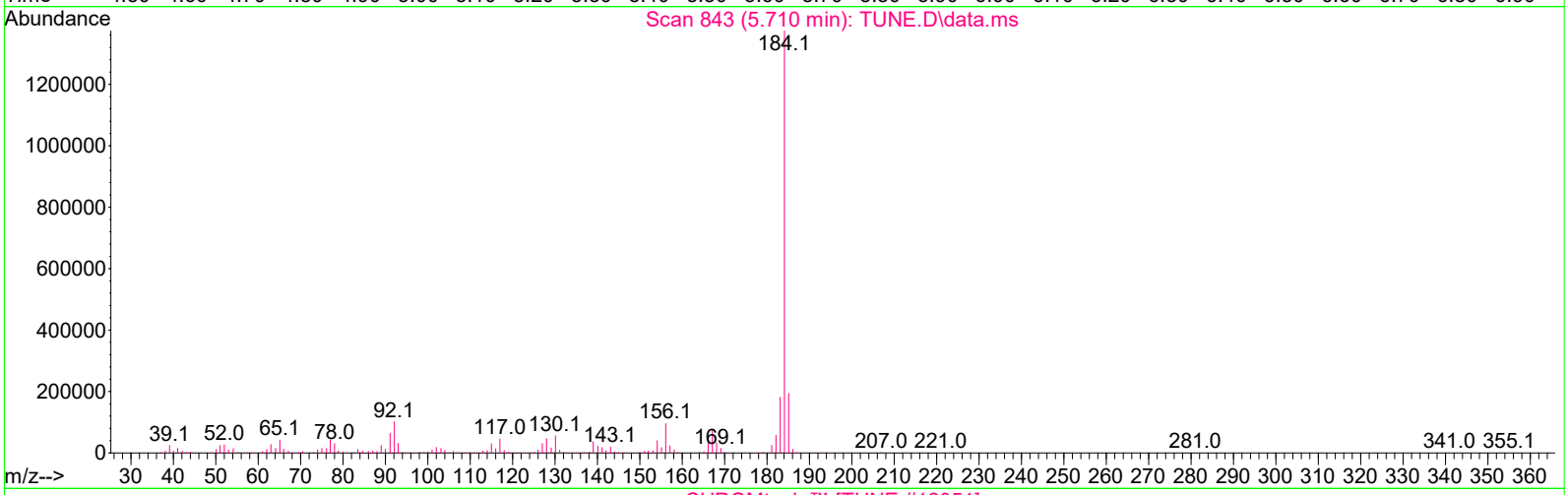
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	63.45
165.10	53.30	51.24
199.10	17.10	14.77

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : TUNE.D
Acq On : 13 Dec 2025 06:36 pm
Operator : SV118:csn
Sample : TUNE #12051
Misc : WG2154163
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 13 18:51:16 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\dftppsv118.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Nov 29 13:35:46 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [TUNE #12051]

(3) benzidine (T)

5.710min (-0.007) 104.33

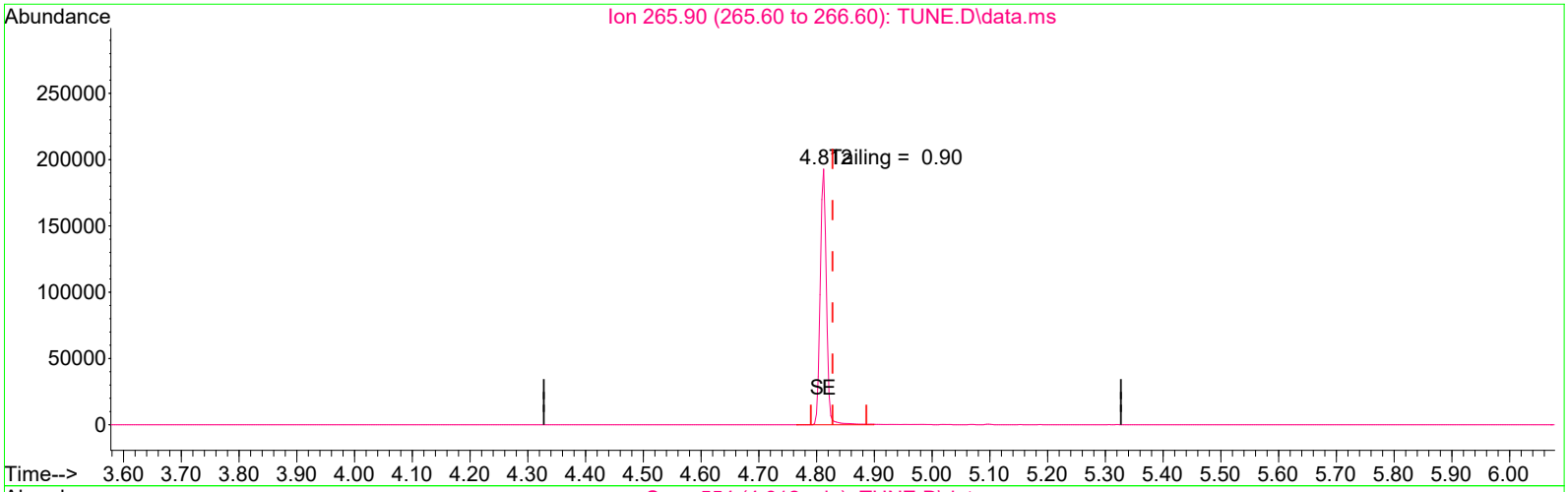
response 1062116

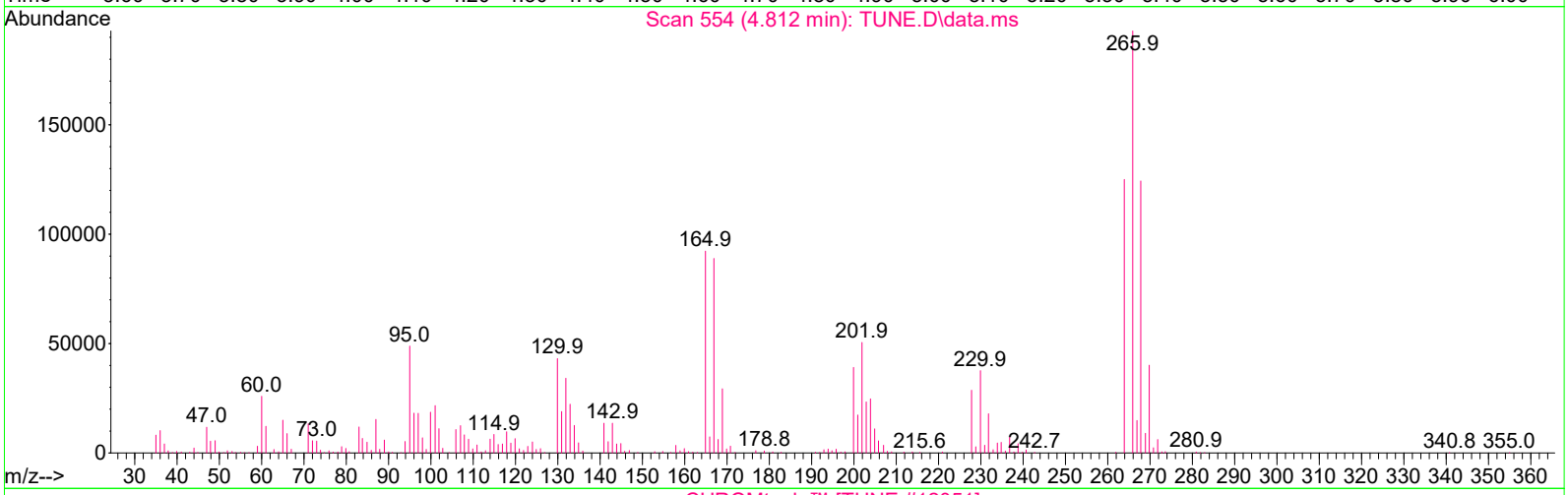
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : TUNE.D
Acq On : 13 Dec 2025 06:36 pm
Operator : SV118:csn
Sample : TUNE #12051
Misc : WG2154163
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 13 18:51:16 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\dftppsv118.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Nov 29 13:35:46 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools™ [TUNE #12051]

(1) pentachlorophenol (T)

4.812min (-0.016) 68.64

response 144159

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L10.D
Acq On : 13 Dec 2025 06:55 pm
Operator : SV118:csn
Sample : IL10,32,, #12033 5000 ng/ml
Misc : WG2154186,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 17:16:25 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.489	152	370625	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 103.46%			
9) Naphthalene-d8	3.212	136	1385772	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 105.50%			
18) Acenaphthene-d10	4.280	164	769425	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 106.08%			
23) Phenanthrene-d10	5.200	188	1585811	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 103.64%			
32) Chrysene-d12	6.880	240	1158418	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 93.22%			
37) Perylene-d12	8.155	264	1099948	4000.000	ng/ml	0.00
Standard Area 1 = 1112889			Recovery = 98.84%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.842	112	457786	5040.667	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 252.03%#			
4) Phenol-d6	2.292	99	598238	5476.030	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 273.80%#			
8) Nitrobenzene-d5	2.798	82	467844	5552.468	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 555.25%#			
14) 2-Fluorobiphenyl	3.870	172	1364239	4628.076	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 462.81%#			
22) 2,4,6-Tribromophenol	4.770	330	218787	5725.942	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 286.30%#			
31) 4-Terphenyl-d14	6.206	244	1385394	4533.389	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 453.34%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.306	74	301873	5305.013	ng/ml	93
5) Bis(2-chloroethyl)ether	2.344	93	515161	5008.351	ng/ml	91
6) n-nitrosodi-n-propylamine	2.717	70	378795	5777.099	ng/ml	99
7) Hexachloroethane	2.772	117	238343	5093.740	ng/ml	94
10) Naphthalene	3.225	128	1690396	4591.738	ng/ml	100
11) Hexachlorobutadiene	3.309	225	338506	4751.786	ng/ml	100
12) 2-Methylnaphthalene	3.643	142	1059190	4778.044	ng/ml	98
13) 1-Methylnaphthalene	3.701	142	1075362	4758.247	ng/ml	98
15) 2-Chloronaphthalene	3.937	162	1236237	4892.447	ng/ml	98
16) 2,6-Dinitrotoluene	4.159	165	267658	6105.606	ng/ml	94
17) Acenaphthylene	4.192	152	1939149	5176.006	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L10.D
Acq On : 13 Dec 2025 06:55 pm
Operator : SV118:csn
Sample : IL10,32,, #12033 5000 ng/ml
Misc : WG2154186,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 17:16:25 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.302	153	1235625	4732.234	ng/ml	98
20) 2,4-Dinitrotoluene	4.405	165	355036	4971.272	ng/ml	88
21) Fluorene	4.621	166	1451880	4868.819	ng/ml	98
24) 4,6-Dinitro-o-cresol	4.658	198	188121	4978.900	ng/ml	94
25) Hexachlorobenzene	4.968	284	502030	4802.223	ng/ml	97
26) Pentachlorophenol	5.090	266	283253	4403.387	ng/ml	100
27) Phenanthrene	5.215	178	2149240	5000.012	ng/ml	99
28) Anthracene	5.245	178	2199060	4919.128	ng/ml	98
29) Fluoranthene	5.960	202	2242342	4578.266	ng/ml	99
30) Pyrene	6.099	202	2294501	4554.776	ng/ml	99
33) Benzo[a]anthracene	6.871	226	593573	4922.451	ng/ml	96
34) 3,3'-Dichlorobenzidine	6.863	252	801448	5962.308	ng/ml	100
35) Chrysene	6.898	228	1948121	4917.858	ng/ml	98
36) Bis(2-ethylhexyl)phtha...	6.922	149	1464603	4974.253	ng/ml	96
38) Benzo[b]fluoranthene	7.767	252	1745539	4853.136	ng/ml	97
39) Benzo[k]fluoranthene	7.796	252	1804343	5008.951	ng/ml	100
40) Benzo[a]pyrene	8.093	252	1663364	5361.951	ng/ml	99
41) Indeno[1,2,3-cd]pyrene	9.445	276	1547964	5597.620	ng/ml	96
42) Dibenzo[a,h]anthracene	9.488	278	1489962	5591.122	ng/ml	97
43) Benzo[g,h,i]perylene	9.803	276	1547275	5352.926	ng/ml	96

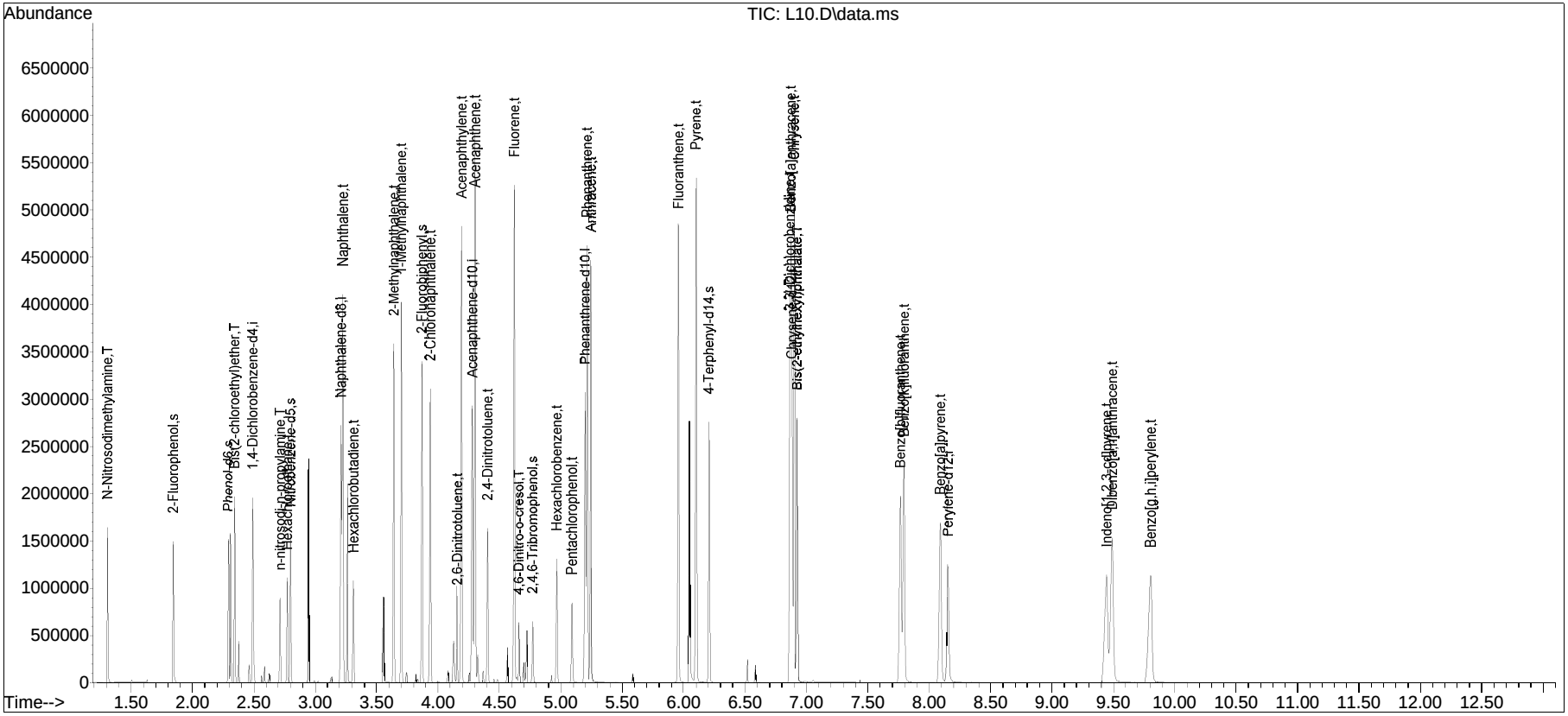
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L10.D
Acq On : 13 Dec 2025 06:55 pm
Operator : SV118:csn
Sample : IL10,32,, #12033 5000 ng/ml
Misc : WG2154186,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 17:16:25 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV118\251213RVTQ	Method	: SIM-RVT_251213sv118.M
Data File	: L10.D	Operator	: SV118:csn
Date Inj'd	: 12/13/2025 6:55 pm	Instrument	: SV118
Sample	: IL10,32,, #12033 5000 ng/m	Quant Date	: 12/15/2025 5:17 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L9.D
Acq On : 13 Dec 2025 07:12 pm
Operator : SV118:csn
Sample : IL9,32,, #12035 2500 ng/ml
Misc : WG2154186,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 17:17:16 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.489	152	358391	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 100.04%			
9) Naphthalene-d8	3.211	136	1315280	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 100.13%			
18) Acenaphthene-d10	4.279	164	717341	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 98.90%			
23) Phenanthrene-d10	5.198	188	1484465	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 97.02%			
32) Chrysene-d12	6.880	240	1168085	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 94.00%			
37) Perylene-d12	8.159	264	1089978	4000.000	ng/ml	0.00
Standard Area 1 = 1112889			Recovery = 97.94%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.839	112	222445	2532.945	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 126.65%#			
4) Phenol-d6	2.289	99	283945	2687.842	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 134.39%#			
8) Nitrobenzene-d5	2.794	82	223493	2743.005	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 274.30%#			
14) 2-Fluorobiphenyl	3.869	172	674247	2409.920	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 240.99%#			
22) 2,4,6-Tribromophenol	4.769	330	102779	2885.164	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 144.26%#			
31) 4-Terphenyl-d14	6.209	244	700451	2448.549	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 244.85%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.305	74	148059	2690.758	ng/ml	93
5) Bis(2-chloroethyl)ether	2.341	93	250329	2516.753	ng/ml	91
6) n-nitrosodi-n-propylamine	2.711	70	174782	2756.639	ng/ml	99
7) Hexachloroethane	2.770	117	115594	2554.743	ng/ml	93
10) Naphthalene	3.221	128	823761	2357.564	ng/ml	100
11) Hexachlorobutadiene	3.308	225	167247	2473.560	ng/ml	99
12) 2-Methylnaphthalene	3.639	142	518087	2462.365	ng/ml	98
13) 1-Methylnaphthalene	3.700	142	523691	2441.412	ng/ml	98
15) 2-Chloronaphthalene	3.936	162	599310	2498.903	ng/ml	97
16) 2,6-Dinitrotoluene	4.151	165	120409	2893.883	ng/ml	93
17) Acenaphthylene	4.188	152	942406	2650.301	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L9.D
Acq On : 13 Dec 2025 07:12 pm
Operator : SV118:csn
Sample : IL9,32,, #12035 2500 ng/ml
Misc : WG2154186,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 17:17:16 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.297	153	594231	2441.043	ng/ml	99
20) 2,4-Dinitrotoluene	4.401	165	158560	2573.883	ng/ml	89
21) Fluorene	4.617	166	700915	2521.151	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.653	198	80104	2557.573	ng/ml	94
25) Hexachlorobenzene	4.967	284	242314	2476.126	ng/ml	95
26) Pentachlorophenol	5.088	266	125155	2481.619	ng/ml	100
27) Phenanthrene	5.214	178	1047828	2499.811	ng/ml	100
28) Anthracene	5.244	178	1059809	2532.562	ng/ml	99
29) Fluoranthene	5.960	202	1124858	2453.457	ng/ml	97
30) Pyrene	6.098	202	1149359	2437.339	ng/ml	99
33) Benzo[a]anthracene	6.870	226	300766	2473.585	ng/ml	96
34) 3,3'-Dichlorobenzidine	6.862	252	392874	2898.566	ng/ml	100
35) Chrysene	6.897	228	1003420	2512.081	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.923	149	650539	2576.072	ng/ml	97
38) Benzo[b]fluoranthene	7.766	252	901946	2530.626	ng/ml	100
39) Benzo[k]fluoranthene	7.793	252	921690	2582.064	ng/ml	99
40) Benzo[a]pyrene	8.092	252	836861	2722.346	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.440	276	757057	2762.648	ng/ml	95
42) Dibenzo[a,h]anthracene	9.485	278	735419	2784.922	ng/ml	96
43) Benzo[g,h,i]perylene	9.796	276	774182	2702.845	ng/ml	95

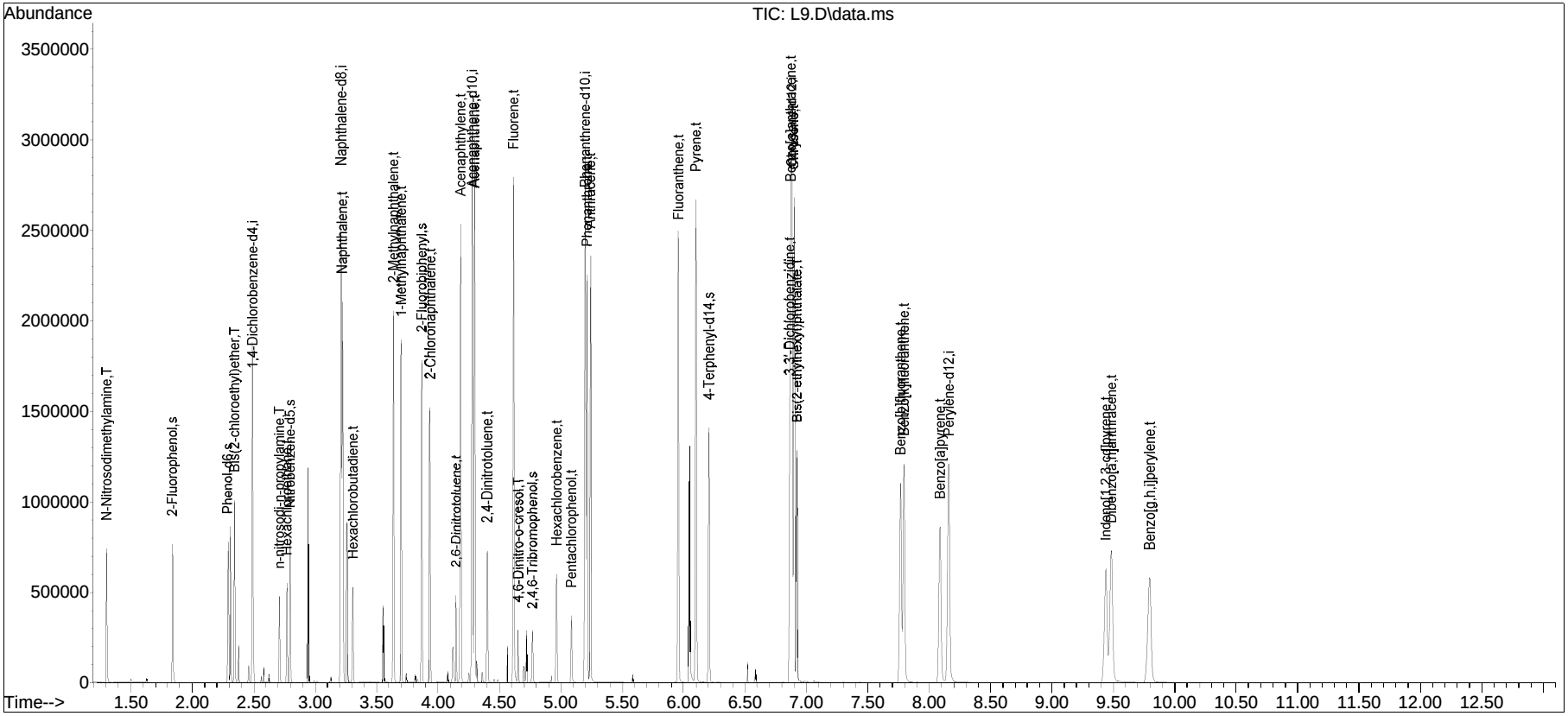
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L9.D
Acq On : 13 Dec 2025 07:12 pm
Operator : SV118:csn
Sample : IL9,32,, #12035 2500 ng/ml
Misc : WG2154186,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 17:17:16 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV118\251213RVTQ	Method	: SIM-RVT_251213sv118.M
Data File	: L9.D	Operator	: SV118:csn
Date Inj'd	: 12/13/2025 7:12 pm	Instrument	: SV118
Sample	: IL9,32,, #12035 2500 ng/ml	Quant Date	: 12/15/2025 5:17 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L8.D
Acq On : 13 Dec 2025 07:29 pm
Operator : SV118:csn
Sample : IL8,32,, #12036 1000 ng/ml
Misc : WG2154186,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 17:17:10 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.489	152	358245	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 100.00%			
9) Naphthalene-d8	3.209	136	1313561	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 100.00%			
18) Acenaphthene-d10	4.277	164	725304	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 100.00%			
23) Phenanthrene-d10	5.200	188	1530103	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 100.00%			
32) Chrysene-d12	6.881	240	1242847	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 100.01%			
37) Perylene-d12	8.160	264	1117029	4000.000	ng/ml	0.00
Standard Area 1 = 1112889			Recovery = 100.37%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	91489	1042.195	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 52.11%			
4) Phenol-d6	2.288	99	112068	1061.275	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 53.06%			
8) Nitrobenzene-d5	2.793	82	88330	1084.546	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 108.45%			
14) 2-Fluorobiphenyl	3.867	172	285947	1023.380	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 102.34%			
22) 2,4,6-Tribromophenol	4.767	330	41385	1148.986	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 57.45%			
31) 4-Terphenyl-d14	6.206	244	302619	1026.305	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 102.63%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.306	74	59645	1084.403	ng/ml	93
5) Bis(2-chloroethyl)ether	2.344	93	101666	1022.544	ng/ml	91
6) n-nitrosodi-n-propylamine	2.711	70	68060	1073.871	ng/ml	99
7) Hexachloroethane	2.769	117	46514	1028.425	ng/ml	92
10) Naphthalene	3.222	128	338294	969.448	ng/ml	100
11) Hexachlorobutadiene	3.306	225	68251	1010.744	ng/ml	100
12) 2-Methylnaphthalene	3.640	142	215734	1026.683	ng/ml	99
13) 1-Methylnaphthalene	3.698	142	218157	1018.364	ng/ml	99
15) 2-Chloronaphthalene	3.934	162	248173	1036.145	ng/ml	96
16) 2,6-Dinitrotoluene	4.153	165	44583	1072.900	ng/ml	95
17) Acenaphthylene	4.186	152	388552	1094.143	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L8.D
Acq On : 13 Dec 2025 07:29 pm
Operator : SV118:csn
Sample : IL8,32,, #12036 1000 ng/ml
Misc : WG2154186,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 17:17:10 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.296	153	249004	1011.654	ng/ml	100
20) 2,4-Dinitrotoluene	4.399	165	58606	1002.065	ng/ml	92
21) Fluorene	4.615	166	291833	1038.182	ng/ml	100
24) 4,6-Dinitro-o-cresol	4.651	198	29464	1004.650	ng/ml	95
25) Hexachlorobenzene	4.964	284	102952	1020.653	ng/ml	95
26) Pentachlorophenol	5.086	266	46983	1058.585	ng/ml	100
27) Phenanthrene	5.211	178	444380	1004.527	ng/ml	100
28) Anthracene	5.241	178	446351	1034.805	ng/ml	99
29) Fluoranthene	5.957	202	481942	1019.823	ng/ml	97
30) Pyrene	6.099	202	500144	1028.975	ng/ml	99
33) Benzo[a]anthracene	6.873	226	125957	973.592	ng/ml	99
34) 3,3'-Dichlorobenzidine	6.863	252	154090	1068.467	ng/ml	99
35) Chrysene	6.898	228	430236	1012.312	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.926	149	234299	993.921	ng/ml	97
38) Benzo[b]fluoranthene	7.767	252	374411	1025.060	ng/ml	100
39) Benzo[k]fluoranthene	7.794	252	386262	1055.887	ng/ml	100
40) Benzo[a]pyrene	8.091	252	338271	1073.762	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.440	276	298501	1062.909	ng/ml	94
42) Dibenzo[a,h]anthracene	9.485	278	297501	1099.309	ng/ml	96
43) Benzo[g,h,i]perylene	9.794	276	311684	1061.808	ng/ml	94

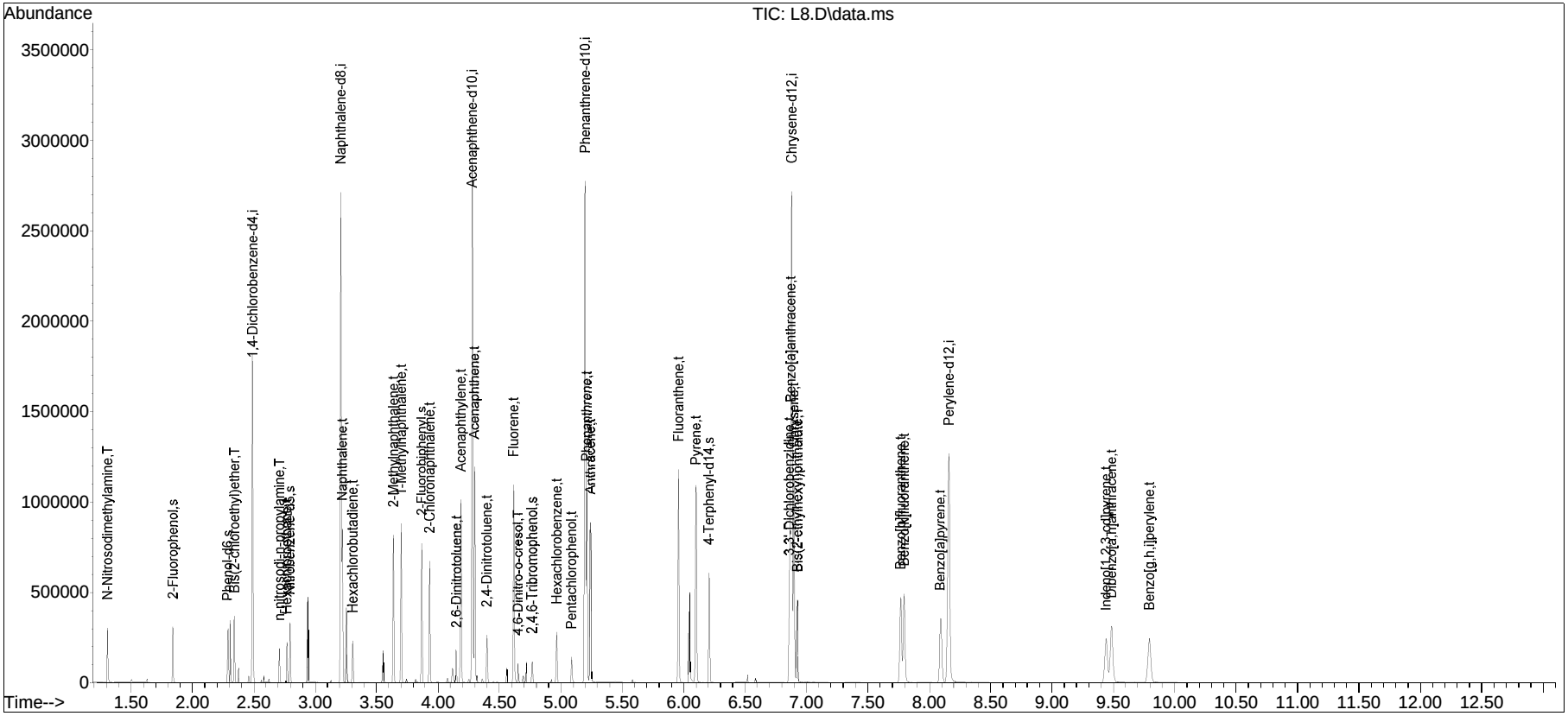
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L8.D
Acq On : 13 Dec 2025 07:29 pm
Operator : SV118:csn
Sample : IL8,32,, #12036 1000 ng/ml
Misc : WG2154186,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 17:17:10 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV118\251213RVTQ	Method	: SIM-RVT_251213sv118.M
Data File	: L8.D	Operator	: SV118:csn
Date Inj'd	: 12/13/2025 7:29 pm	Instrument	: SV118
Sample	: IL8,32,, #12036 1000 ng/ml	Quant Date	: 12/15/2025 5:17 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L7.D
Acq On : 13 Dec 2025 07:46 pm
Operator : SV118:csn
Sample : IL7,32,, #12037 500 ng/ml
Misc : WG2154186,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 17:17:04 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	344216	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 96.08%			
9) Naphthalene-d8	3.211	136	1249466	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 95.12%			
18) Acenaphthene-d10	4.279	164	681225	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 93.92%			
23) Phenanthrene-d10	5.198	188	1440116	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 94.12%			
32) Chrysene-d12	6.883	240	1182086	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 95.12%			
37) Perylene-d12	8.166	264	1031170	4000.000	ng/ml	0.00
Standard Area 1 = 1112889			Recovery = 92.66%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	42346	502.044	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 25.10%			
4) Phenol-d6	2.286	99	51552	508.090	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 25.40%			
8) Nitrobenzene-d5	2.794	82	39848	509.208	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 50.92%			
14) 2-Fluorobiphenyl	3.869	172	133348	501.723	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 50.17%			
22) 2,4,6-Tribromophenol	4.769	330	18026	532.845	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 26.64%			
31) 4-Terphenyl-d14	6.209	244	139232	501.698	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 50.17%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.308	74	27499	520.335	ng/ml	92
5) Bis(2-chloroethyl)ether	2.341	93	47695	499.262	ng/ml	90
6) n-nitrosodi-n-propylamine	2.711	70	30422	499.571	ng/ml	99
7) Hexachloroethane	2.770	117	21705	499.457	ng/ml	93
10) Naphthalene	3.221	128	158078	476.242	ng/ml	100
11) Hexachlorobutadiene	3.308	225	32104	499.824	ng/ml	99
12) 2-Methylnaphthalene	3.639	142	99763	499.129	ng/ml	100
13) 1-Methylnaphthalene	3.700	142	102458	502.812	ng/ml	99
15) 2-Chloronaphthalene	3.936	162	114460	502.395	ng/ml	97
16) 2,6-Dinitrotoluene	4.151	165	18269	462.201	ng/ml	97
17) Acenaphthylene	4.188	152	174915	517.819	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L7.D
Acq On : 13 Dec 2025 07:46 pm
Operator : SV118:csn
Sample : IL7,32,, #12037 500 ng/ml
Misc : WG2154186,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 17:17:04 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.297	153	114798	496.580	ng/ml	99
20) 2,4-Dinitrotoluene	4.401	165	23725	450.180	ng/ml	96
21) Fluorene	4.620	166	132514	501.915	ng/ml	100
24) 4,6-Dinitro-o-cresol	4.653	198	11894	455.988	ng/ml	94
25) Hexachlorobenzene	4.967	284	47899	504.537	ng/ml	94
26) Pentachlorophenol	5.088	266	18146	471.005	ng/ml	99
27) Phenanthrene	5.213	178	206728	492.615	ng/ml	99
28) Anthracene	5.244	178	201571	496.516	ng/ml	100
29) Fluoranthene	5.959	202	222211	499.596	ng/ml	96
30) Pyrene	6.098	202	230788	504.482	ng/ml	99
33) Benzo[a]anthracene	6.875	226	56546	459.542	ng/ml	99
34) 3,3'-Dichlorobenzidine	6.866	252	64988	473.793	ng/ml	99
35) Chrysene	6.900	228	201435	498.323	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.928	149	93967	447.816	ng/ml	97
38) Benzo[b]fluoranthene	7.769	252	167445	496.600	ng/ml	100
39) Benzo[k]fluoranthene	7.797	252	174178	515.778	ng/ml	100
40) Benzo[a]pyrene	8.097	252	149499	514.062	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.445	276	128414	495.333	ng/ml	94
42) Dibenzo[a,h]anthracene	9.488	278	130901	523.973	ng/ml	95
43) Benzo[g,h,i]perylene	9.799	276	137314	506.734	ng/ml	93

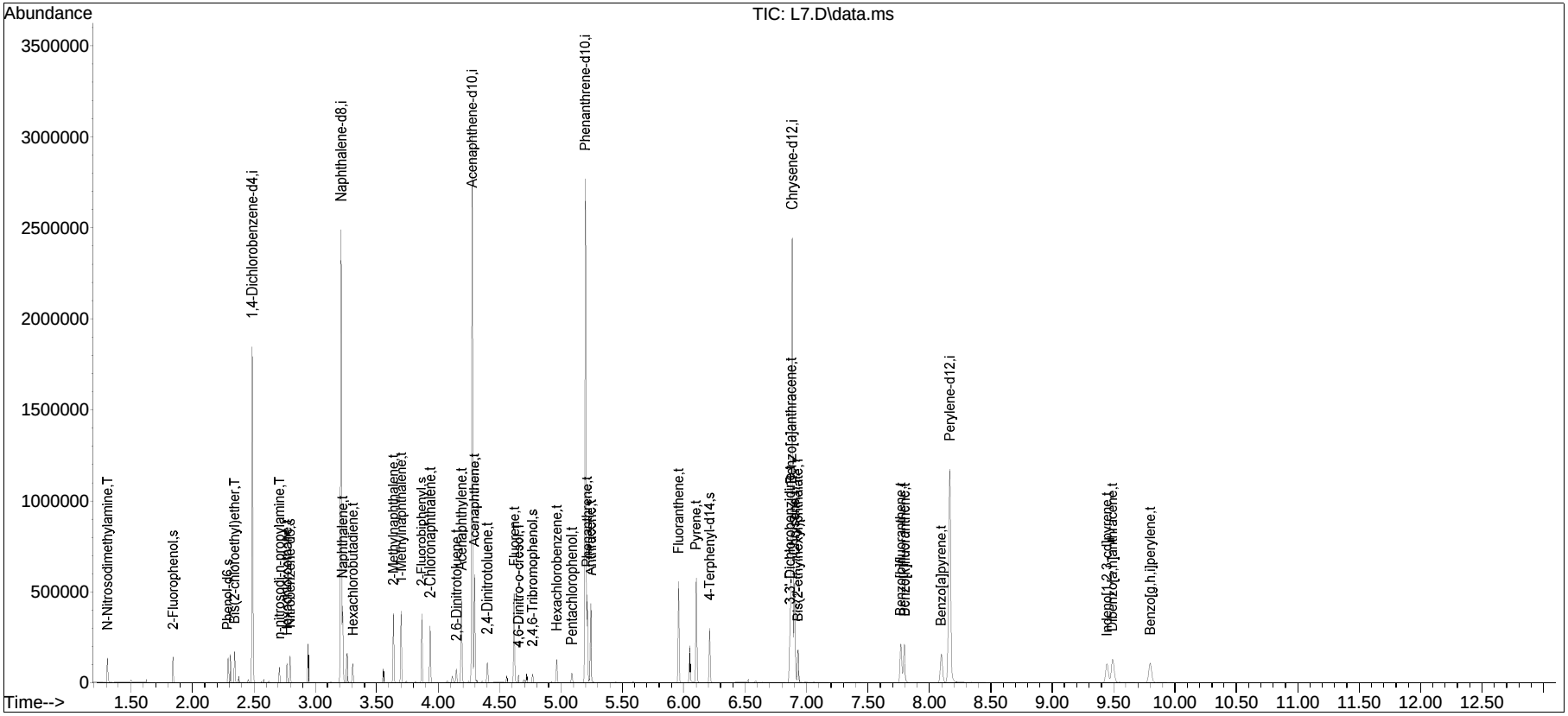
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L7.D
Acq On : 13 Dec 2025 07:46 pm
Operator : SV118:csn
Sample : IL7,32,, #12037 500 ng/ml
Misc : WG2154186,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 17:17:04 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV118\251213RVTQ	Method	: SIM-RVT_251213sv118.M
Data File	: L7.D	Operator	: SV118:csn
Date Inj'd	: 12/13/2025 7:46 pm	Instrument	: SV118
Sample	: IL7,32,, #12037 500 ng/ml	Quant Date	: 12/15/2025 5:17 pm

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L6.D
Acq On : 13 Dec 2025 08:03 pm
Operator : SV118:csn
Sample : IL6,32,, #12038 100 ng/ml
Misc : WG2154186,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 17:29:48 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	339454	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 94.75%			
9) Naphthalene-d8	3.211	136	1225476	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 93.29%			
18) Acenaphthene-d10	4.279	164	662721	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 91.37%			
23) Phenanthrene-d10	5.198	188	1435551	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 93.82%			
32) Chrysene-d12	6.882	240	1202769	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 96.79%			
37) Perylene-d12	8.162	264	1032815	4000.000	ng/ml	0.00
Standard Area 1 = 1112889			Recovery = 92.80%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	8738	105.049	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 5.25%#			
4) Phenol-d6	2.286	99	10268	102.620	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 5.13%#			
8) Nitrobenzene-d5	2.795	82	7903	102.407	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 10.24%#			
14) 2-Fluorobiphenyl	3.869	172	27698	106.254	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 10.63%#			
22) 2,4,6-Tribromophenol	4.769	330	3292	100.028	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 5.00%#			
31) 4-Terphenyl-d14	6.209	244	29183	105.490	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 10.55%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.312	74	5593	107.315	ng/ml	93
5) Bis(2-chloroethyl)ether	2.344	93	9834	104.384	ng/ml	90
6) n-nitrosodi-n-propylamine	2.713	70	5966	99.344	ng/ml	100
7) Hexachloroethane	2.770	117	4482	104.583	ng/ml	93
10) Naphthalene	3.221	128	33207	102.001	ng/ml	100
11) Hexachlorobutadiene	3.308	225	6703	106.401	ng/ml	100
12) 2-Methylnaphthalene	3.639	142	20455	104.343	ng/ml	100
13) 1-Methylnaphthalene	3.697	142	21118	105.665	ng/ml	100
15) 2-Chloronaphthalene	3.935	162	23694	106.035	ng/ml	96
16) 2,6-Dinitrotoluene	4.151	165	3332	85.949	ng/ml	97
17) Acenaphthylene	4.188	152	33982	102.570	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L6.D
Acq On : 13 Dec 2025 08:03 pm
Operator : SV118:csn
Sample : IL6,32,, #12038 100 ng/ml
Misc : WG2154186,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 17:29:48 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.297	153	23688	105.328	ng/ml	98
20) 2,4-Dinitrotoluene	4.401	165	4159	96.754	ng/ml	99
21) Fluorene	4.617	166	26751	104.152	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.653	198	2023	96.369	ng/ml	95
25) Hexachlorobenzene	4.967	284	9861	104.200	ng/ml	96
26) Pentachlorophenol	5.088	266	2767	82.705	ng/ml	100
27) Phenanthrene	5.213	178	43166M6	102.643	ng/ml	
28) Anthracene	5.244	178	41161	101.711	ng/ml	100
29) Fluoranthene	5.959	202	46052	103.868	ng/ml	96
30) Pyrene	6.098	202	47875	104.983	ng/ml	99
33) Benzo[a]anthracene	6.873	226	11864	94.759	ng/ml	93
34) 3,3'-Dichlorobenzidine	6.865	252	12295	88.095	ng/ml	99
35) Chrysene	6.898	228	43358	105.417	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.929	149	17047	95.935	ng/ml	97
38) Benzo[b]fluoranthene	7.768	252	35715	105.753	ng/ml	100
39) Benzo[k]fluoranthene	7.794	252	35171	103.983	ng/ml	100
40) Benzo[a]pyrene	8.093	252	30209	103.710	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.440	276	26311	101.328	ng/ml	93
42) Dibenzo[a,h]anthracene	9.487	278	25670	102.589	ng/ml	94
43) Benzo[g,h,i]perylene	9.793	276	27747	102.233	ng/ml	93

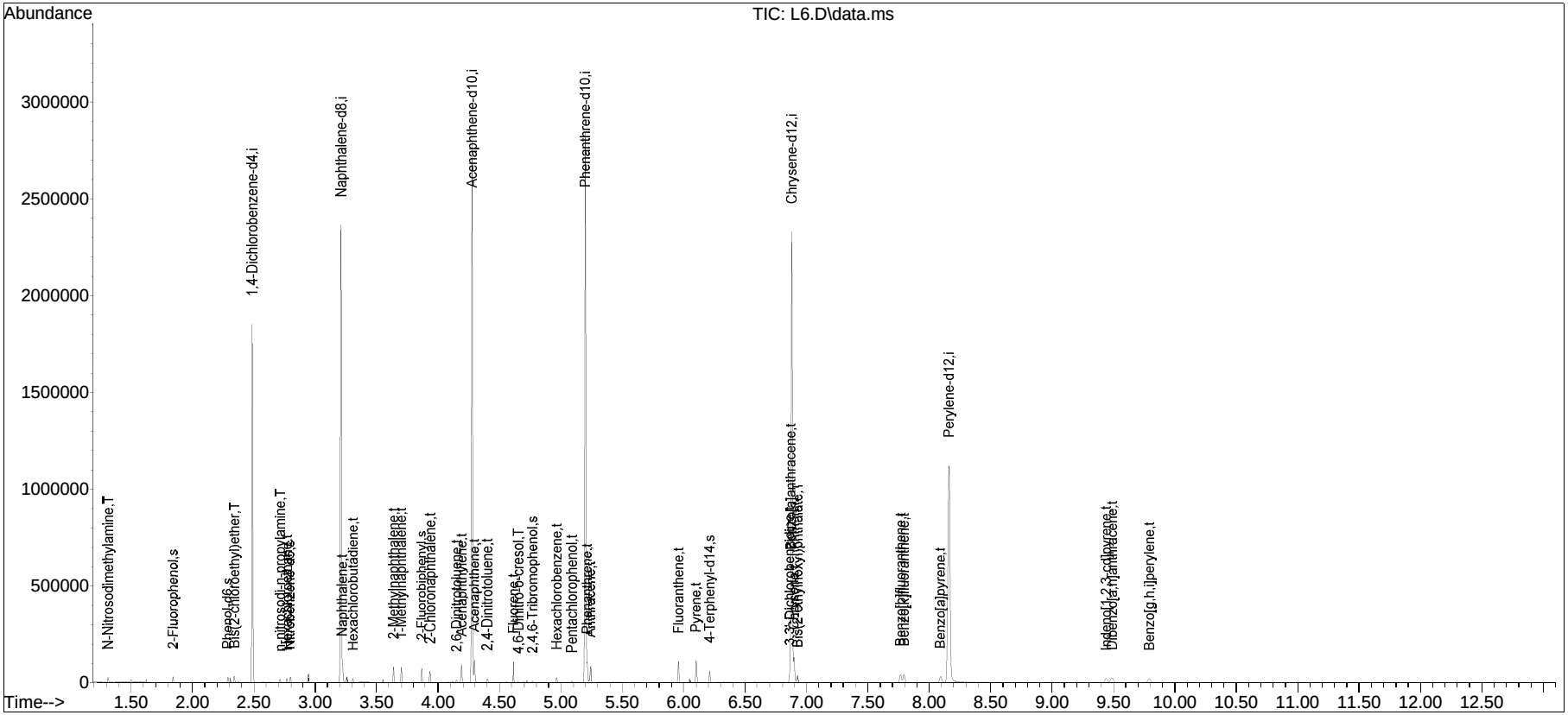
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L6.D
Acq On : 13 Dec 2025 08:03 pm
Operator : SV118:csn
Sample : IL6,32,, #12038 100 ng/ml
Misc : WG2154186,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 17:29:48 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

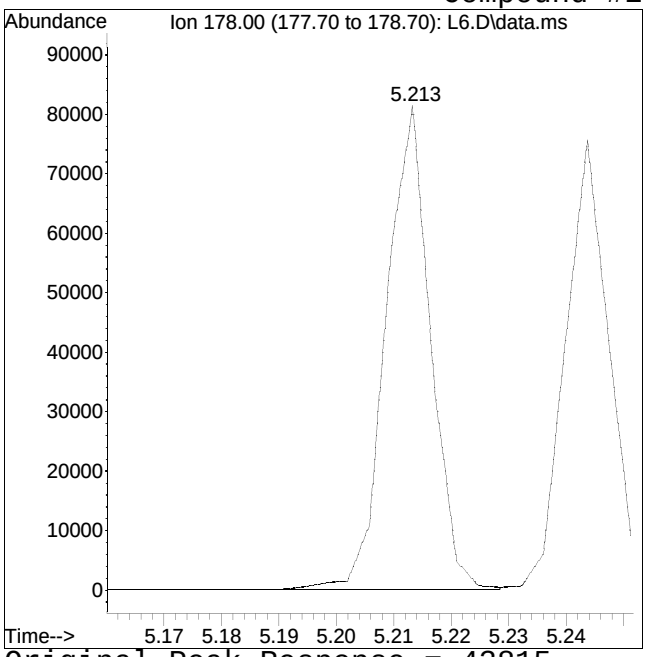
Sub List : Default - All compounds listedical\L8.D•



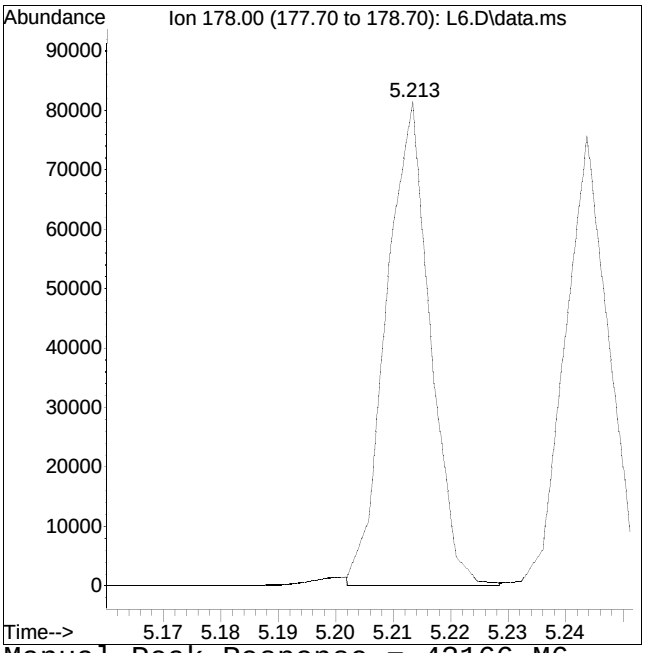
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQMethod : SIM-RVT_251213sv118.M
Data File : L6.D Operator : SV118:csn
Date Inj'd : 12/13/2025 8:03 pm Instrument : SV118
Sample : IL6,32,, #12038 100 ng/ml Quant Date : 12/15/2025 5:17 pm

Compound #27: Phenanthrene



Original Peak Response = 43815



Manual Peak Response = 43166 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L5.D
Acq On : 13 Dec 2025 08:20 pm
Operator : SV118:csn
Sample : IL5,32,, #12039 40 ng/ml
Misc : WG2154186,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 17 16:38:06 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	324171	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 90.49%			
9) Naphthalene-d8	3.208	136	1162946	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 88.53%			
18) Acenaphthene-d10	4.280	164	628491	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 86.65%			
23) Phenanthrene-d10	5.199	188	1352955	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 88.42%			
32) Chrysene-d12	6.884	240	1150065	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 92.55%			
37) Perylene-d12	8.166	264	981271	4000.000	ng/ml	0.00
Standard Area 1 = 1112889			Recovery = 88.17%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	2998	37.741	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 1.89%#			
4) Phenol-d6	2.286	99	3486	36.482	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 1.82%#			
8) Nitrobenzene-d5	2.796	82	2655	36.026	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 3.60%#			
14) 2-Fluorobiphenyl	3.869	172	9568	38.678	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 3.87%#			
22) 2,4,6-Tribromophenol	4.766	330	1072	34.347	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 1.72%#			
31) 4-Terphenyl-d14	6.209	244	9997	38.343	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 3.83%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.314	74	1921M4	38.597	ng/ml	
5) Bis(2-chloroethyl)ether	2.345	93	3438	38.214	ng/ml	88
6) n-nitrosodi-n-propylamine	2.713	70	2040	35.571	ng/ml	100
7) Hexachloroethane	2.770	117	1574	38.459	ng/ml	94
10) Naphthalene	3.221	128	11719	37.932	ng/ml	99
11) Hexachlorobutadiene	3.308	225	2345	39.225	ng/ml	99
12) 2-Methylnaphthalene	3.639	142	7093	38.128	ng/ml	99
13) 1-Methylnaphthalene	3.700	142	7355	38.780	ng/ml	100
15) 2-Chloronaphthalene	3.936	162	8159	38.476	ng/ml	97
16) 2,6-Dinitrotoluene	4.152	165	1134	30.824	ng/ml	95
17) Acenaphthylene	4.188	152	11550	36.737	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L5.D
Acq On : 13 Dec 2025 08:20 pm
Operator : SV118:csn
Sample : IL5,32,, #12039 40 ng/ml
Misc : WG2154186,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 17 16:38:06 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.298	153	8389	39.333	ng/ml	96
20) 2,4-Dinitrotoluene	4.401	165	1315	44.236	ng/ml	95
21) Fluorene	4.617	166	9201	37.774	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.654	198	590	44.038	ng/ml	97
25) Hexachlorobenzene	4.967	284	3397	38.087	ng/ml	96
26) Pentachlorophenol	5.089	266	805	31.430	ng/ml	99
27) Phenanthrene	5.214	178	14880M6	37.566	ng/ml	
28) Anthracene	5.244	178	13923	36.505	ng/ml	99
29) Fluoranthene	5.960	202	15887	38.020	ng/ml	96
30) Pyrene	6.099	202	16119	37.505	ng/ml	100
33) Benzo[a]anthracene	6.875	226	4218	35.234	ng/ml#	77
34) 3,3'-Dichlorobenzidine	6.867	252	4001	29.981	ng/ml	99
35) Chrysene	6.900	228	15044	38.253	ng/ml	98
36) Bis(2-ethylhexyl)phtha...	6.930	149	5800	45.027	ng/ml	97
38) Benzo[b]fluoranthene	7.772	252	11976	37.324	ng/ml	99
39) Benzo[k]fluoranthene	7.798	252	12211	37.998	ng/ml	96
40) Benzo[a]pyrene	8.097	252	10147	36.665	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.446	276	9083	36.818	ng/ml	93
42) Dibenzo[a,h]anthracene	9.493	278	8634	36.318	ng/ml	95
43) Benzo[g,h,i]perylene	9.799	276	9387	36.403	ng/ml	93

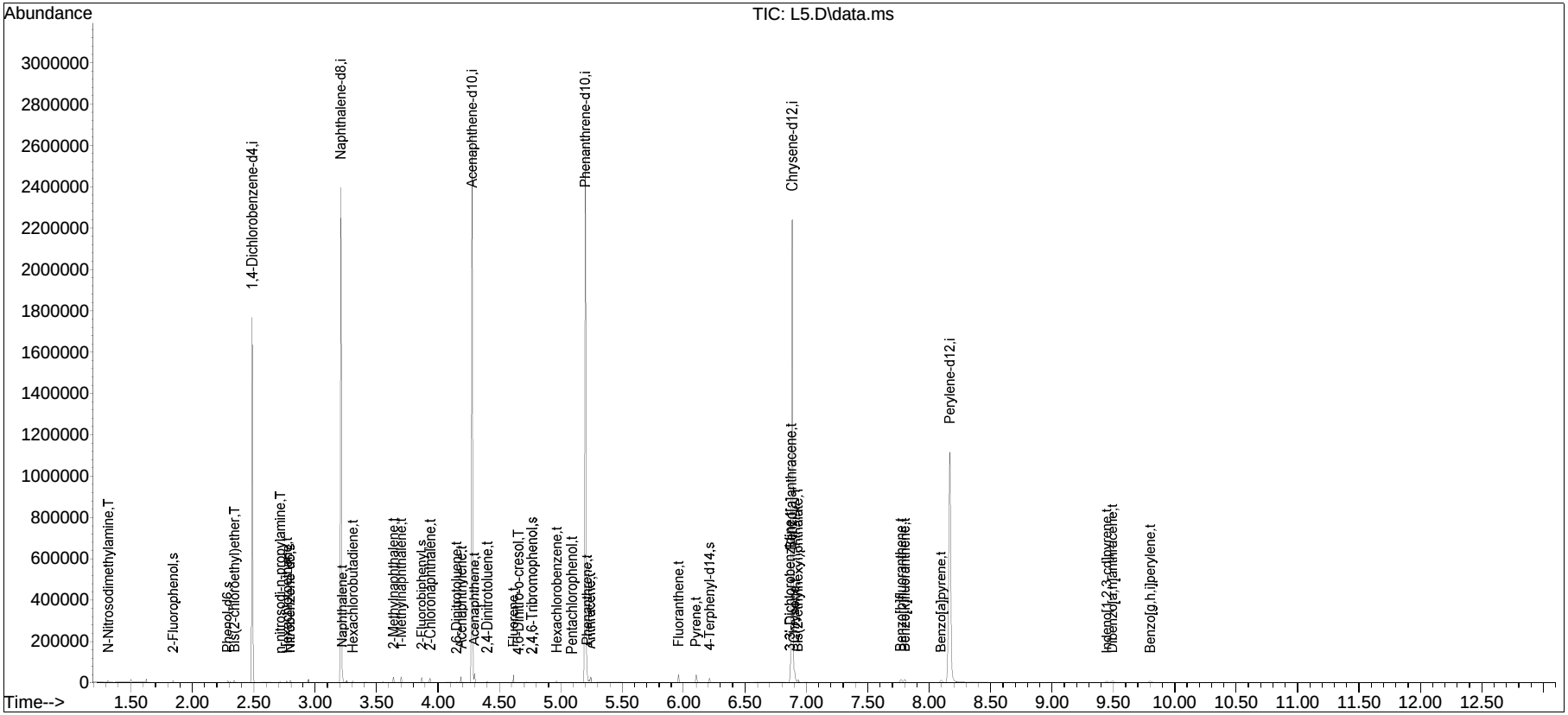
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L5.D
Acq On : 13 Dec 2025 08:20 pm
Operator : SV118:csn
Sample : IL5,32,, #12039 40 ng/ml
Misc : WG2154186,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 17 16:38:06 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

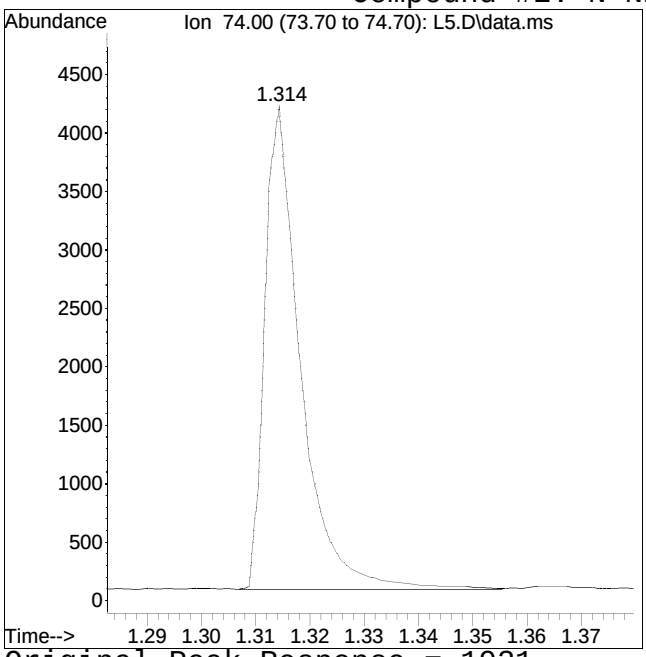
Sub List : Default - All compounds listedical\L8.D•



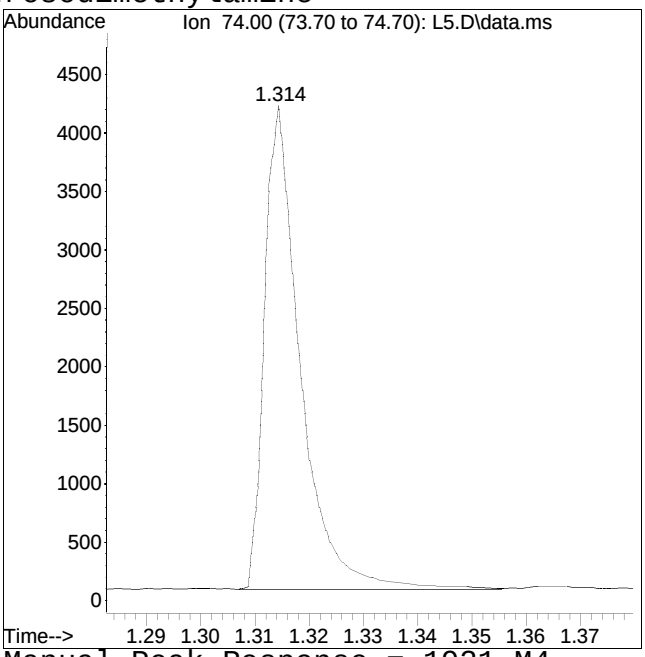
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L5.D
Date Inj'd : 12/13/2025 8:20 pm
Sample : IL5,32,, #12039 40 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #2: N-Nitrosodimethylamine



Original Peak Response = 1921



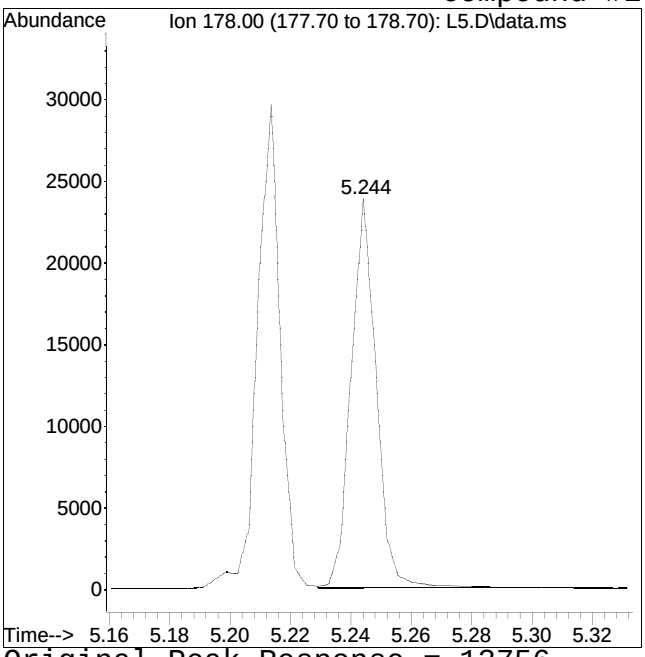
Manual Peak Response = 1921 M4

M4 = Poor automated baseline construction.

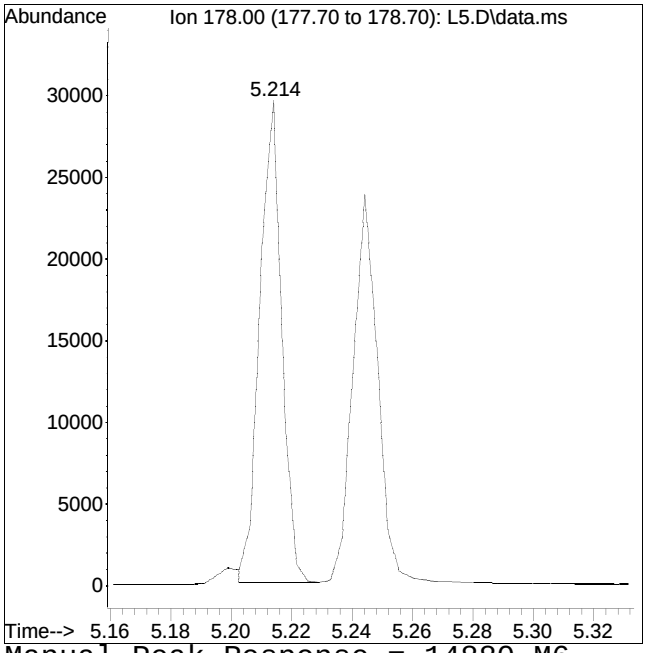
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQMethod : SIM-RVT_251213sv118.M
Data File : L5.D Operator : SV118:csn
Date Inj'd : 12/13/2025 8:20 pm Instrument : SV118
Sample : IL5,32,, #12039 40 ng/ml Quant Date : 12/15/2025 5:17 pm

Compound #27: Phenanthrene



Original Peak Response = 13756



Manual Peak Response = 14880 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L4.D
Acq On : 13 Dec 2025 08:38 pm
Operator : SV118:csn
Sample : IL4,32,, #12040 10 ng/ml
Misc : WG2154186,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 16:37:46 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	312679	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 87.28%			
9) Naphthalene-d8	3.211	136	1122444	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 85.45%			
18) Acenaphthene-d10	4.279	164	599308	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 82.63%			
23) Phenanthrene-d10	5.202	188	1283597	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 83.89%			
32) Chrysene-d12	6.886	240	1082702	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 87.13%			
37) Perylene-d12	8.170	264	919635	4000.000	ng/ml	0.01
Standard Area 1 = 1112889			Recovery = 82.63%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	734	9.580	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.48%#			
4) Phenol-d6	2.289	99	858	9.309	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.47%#			
8) Nitrobenzene-d5	2.795	82	654	9.200	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.92%#			
14) 2-Fluorobiphenyl	3.869	172	2340	9.801	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.98%#			
22) 2,4,6-Tribromophenol	4.769	330	249	8.366	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.42%#			
31) 4-Terphenyl-d14	6.212	244	2385	9.642	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.96%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.318	74	467M4	9.728	ng/ml	
5) Bis(2-chloroethyl)ether	2.344	93	847	9.760	ng/ml	90
6) n-nitrosodi-n-propylamine	2.714	70	503	9.093	ng/ml	98
7) Hexachloroethane	2.771	117	394	9.981	ng/ml	95
10) Naphthalene	3.221	128	3034M6	10.175	ng/ml	
11) Hexachlorobutadiene	3.308	225	580	10.052	ng/ml	99
12) 2-Methylnaphthalene	3.642	142	1804	10.047	ng/ml	99
13) 1-Methylnaphthalene	3.700	142	1841	10.057	ng/ml	99
15) 2-Chloronaphthalene	3.936	162	2009	9.816	ng/ml	98
16) 2,6-Dinitrotoluene	4.154	165	278	7.829	ng/ml	100
17) Acenaphthylene	4.188	152	2835	9.343	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L4.D
Acq On : 13 Dec 2025 08:38 pm
Operator : SV118:csn
Sample : IL4,32,, #12040 10 ng/ml
Misc : WG2154186,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 16:37:46 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.297	153	2059	10.124	ng/ml	99
20) 2,4-Dinitrotoluene	4.404	165	311	24.433	ng/ml	94
21) Fluorene	4.620	166	2257	9.717	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.656	198	105	24.906	ng/ml#	80
25) Hexachlorobenzene	4.967	284	829	9.797	ng/ml	96
26) Pentachlorophenol	5.092	266	154M6	12.983	ng/ml	
27) Phenanthrene	5.213	178	3794M6	10.162	ng/ml	
28) Anthracene	5.248	178	3490	9.645	ng/ml	99
29) Fluoranthene	5.963	202	3896	9.827	ng/ml	96
30) Pyrene	6.102	202	3968	9.731	ng/ml	99
33) Benzo[a]anthracene	6.877	226	1201	10.656	ng/ml#	17
34) 3,3'-Dichlorobenzidine	6.869	252	900M7	7.164	ng/ml	
35) Chrysene	6.904	228	3739	10.099	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.934	149	1597	25.008	ng/ml	96
38) Benzo[b]fluoranthene	7.776	252	2935	9.760	ng/ml	100
39) Benzo[k]fluoranthene	7.802	252	2824	9.377	ng/ml	100
40) Benzo[a]pyrene	8.101	252	2379	9.172	ng/ml	99
41) Indeno[1,2,3-cd]pyrene	9.452	276	2136	9.238	ng/ml	93
42) Dibenzo[a,h]anthracene	9.497	278	1972	8.851	ng/ml	95
43) Benzo[g,h,i]perylene	9.804	276	2243	9.281	ng/ml	92

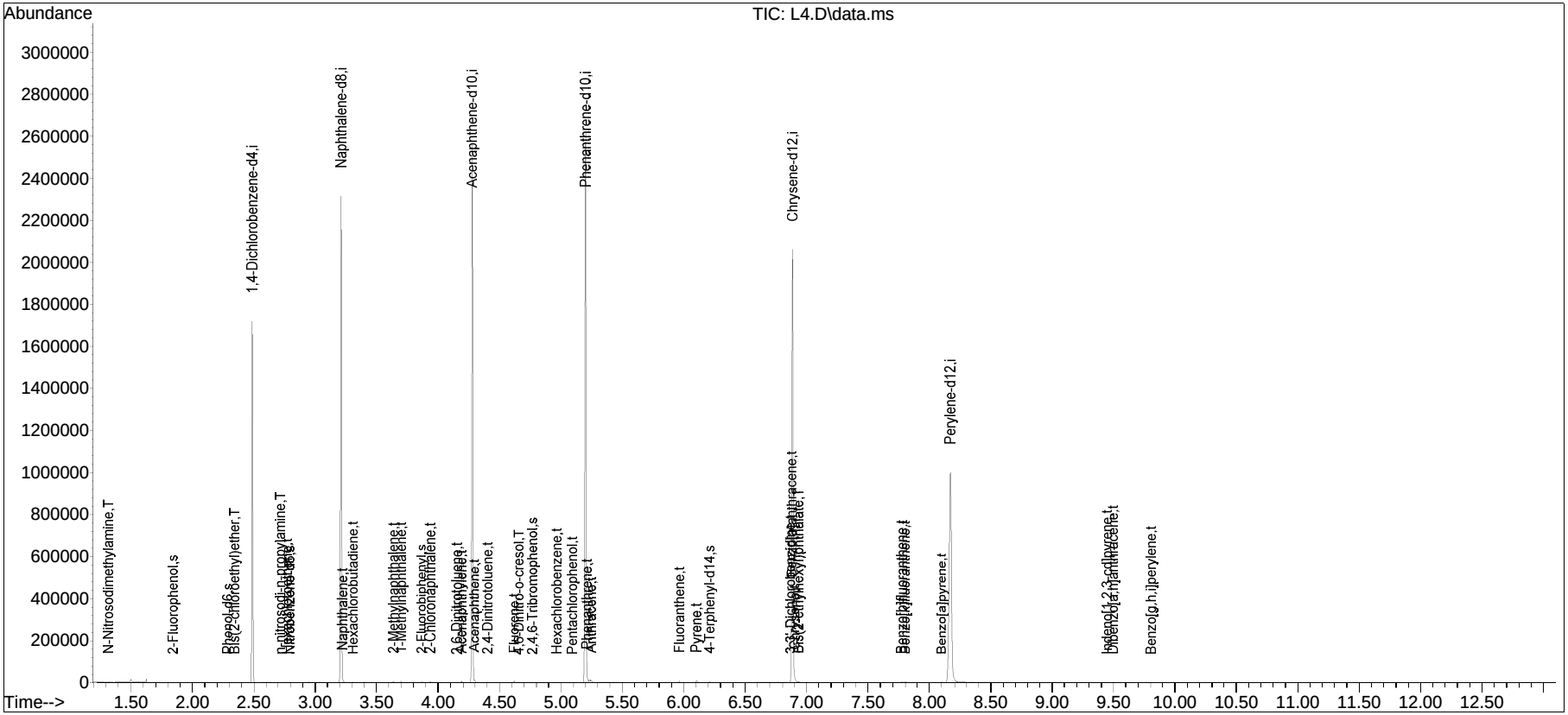
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L4.D
Acq On : 13 Dec 2025 08:38 pm
Operator : SV118:csn
Sample : IL4,32,, #12040 10 ng/ml
Misc : WG2154186,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 16:37:46 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•

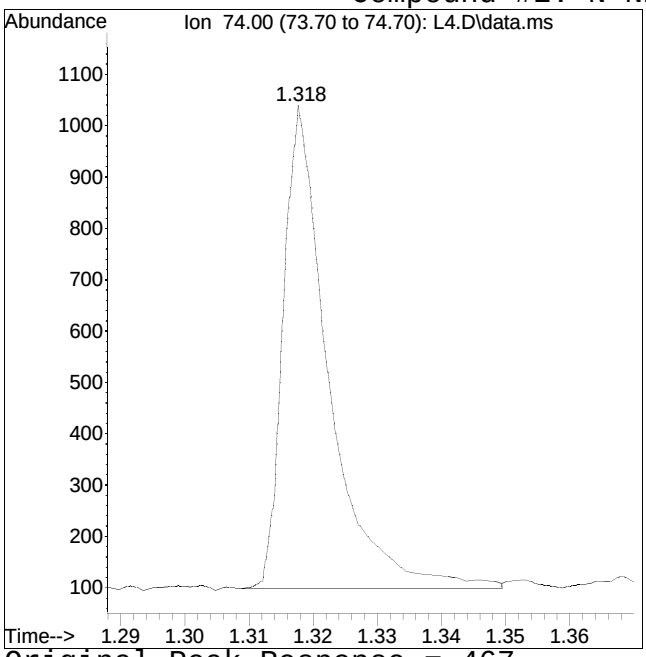


Manual Integration Report

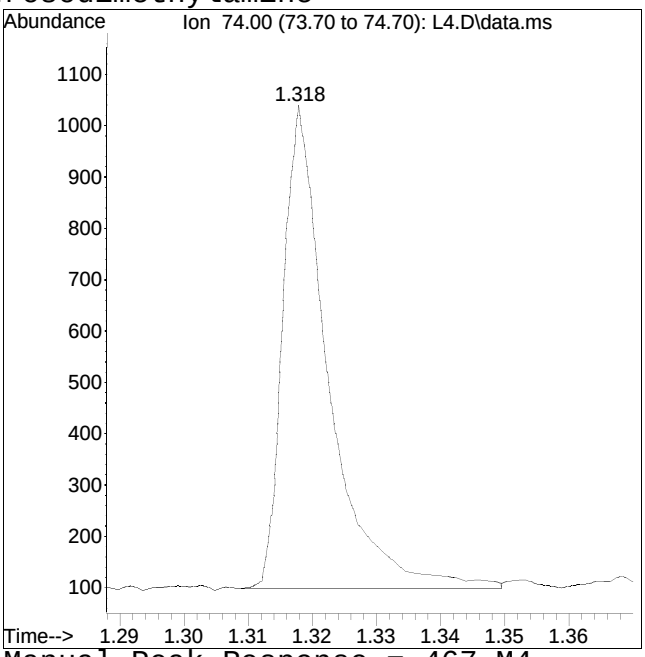
Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L4.D
Date Inj'd : 12/13/2025 8:38 pm
Sample : IL4,32,, #12040 10 ng/ml

Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #2: N-Nitrosodimethylamine



Original Peak Response = 467



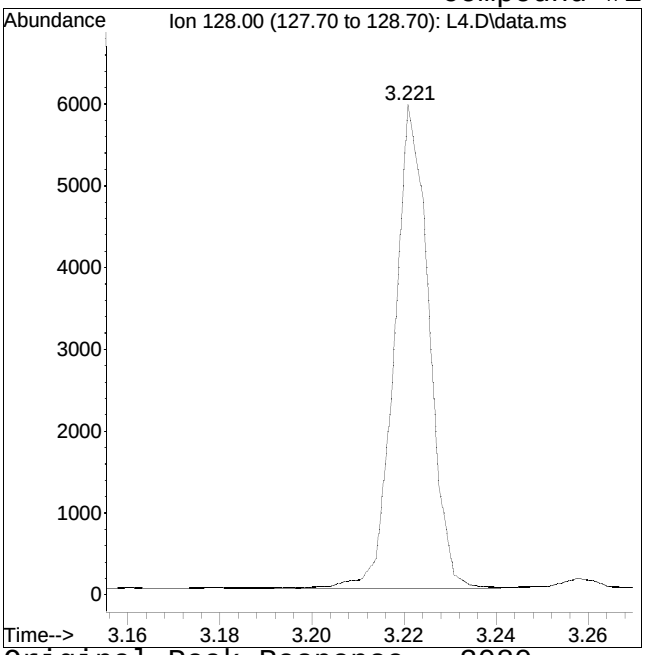
Manual Peak Response = 467 M4

M4 = Poor automated baseline construction.

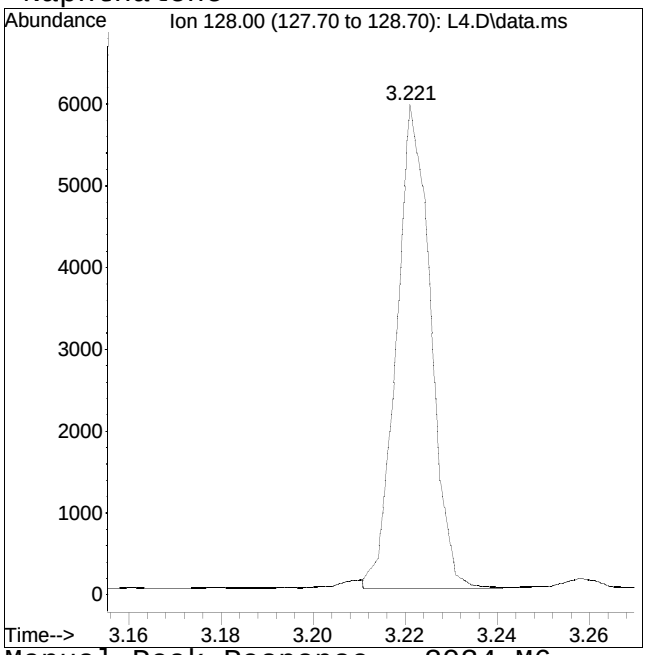
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L4.D
Date Inj'd : 12/13/2025 8:38 pm
Sample : IL4,32,, #12040 10 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #10: Naphthalene



Original Peak Response = 3080



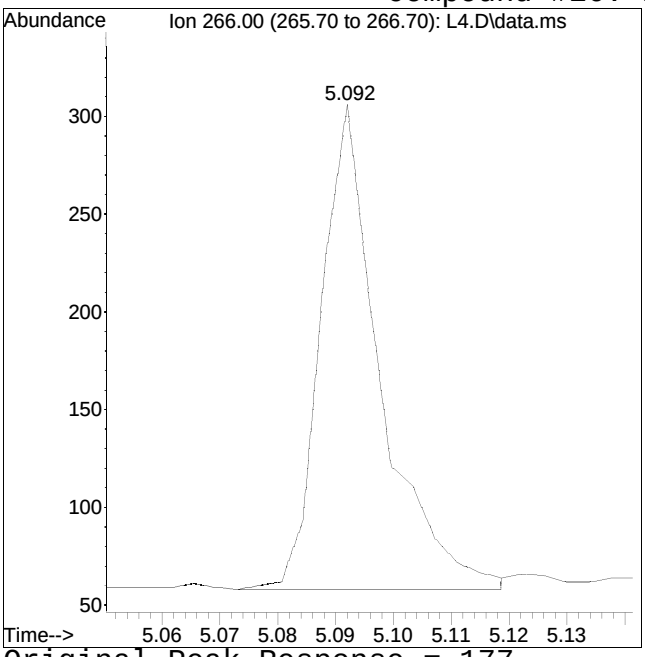
Manual Peak Response = 3034 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

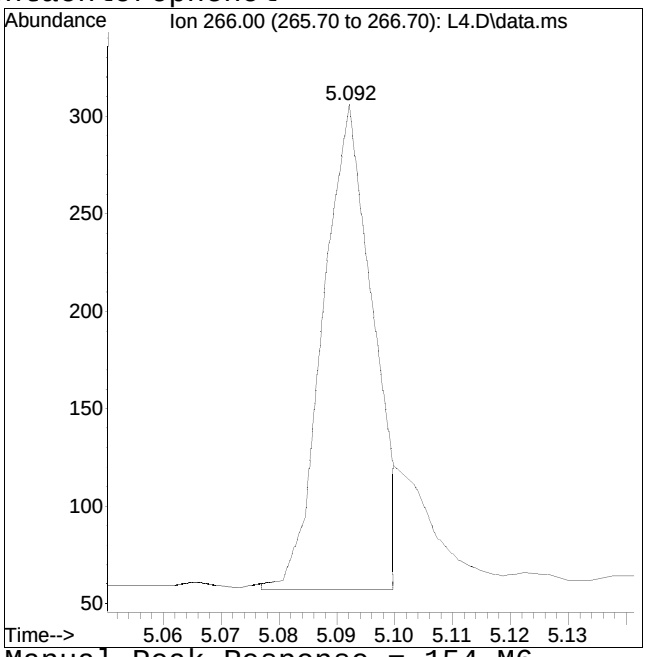
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L4.D
Date Inj'd : 12/13/2025 8:38 pm
Sample : IL4,32,, #12040 10 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #26: Pentachlorophenol



Original Peak Response = 177



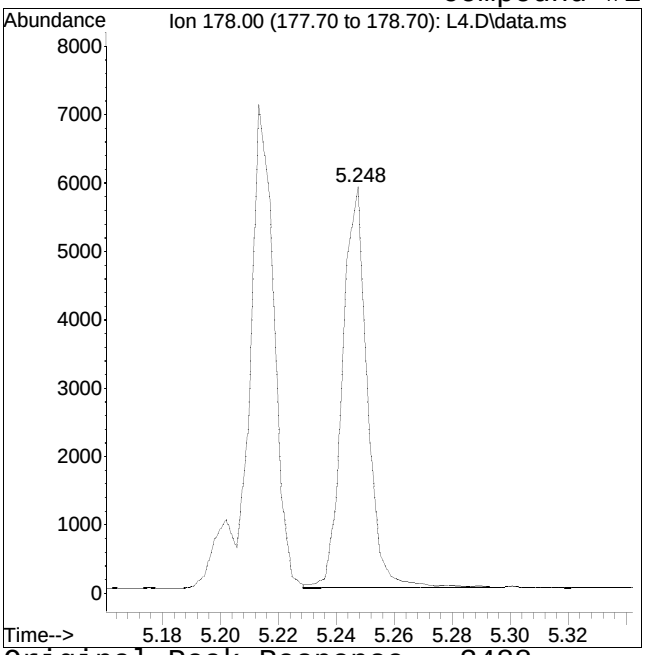
Manual Peak Response = 154 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

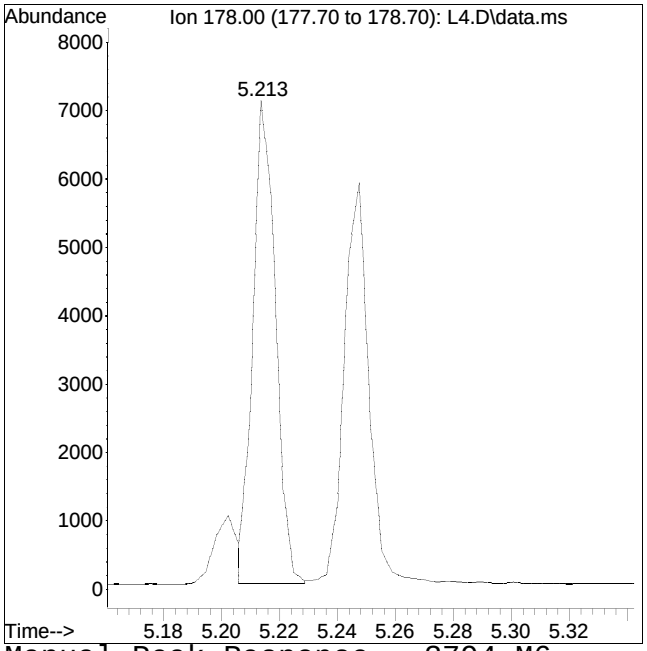
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L4.D
Date Inj'd : 12/13/2025 8:38 pm
Sample : IL4,32,, #12040 10 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #27: Phenanthrene



Original Peak Response = 3488



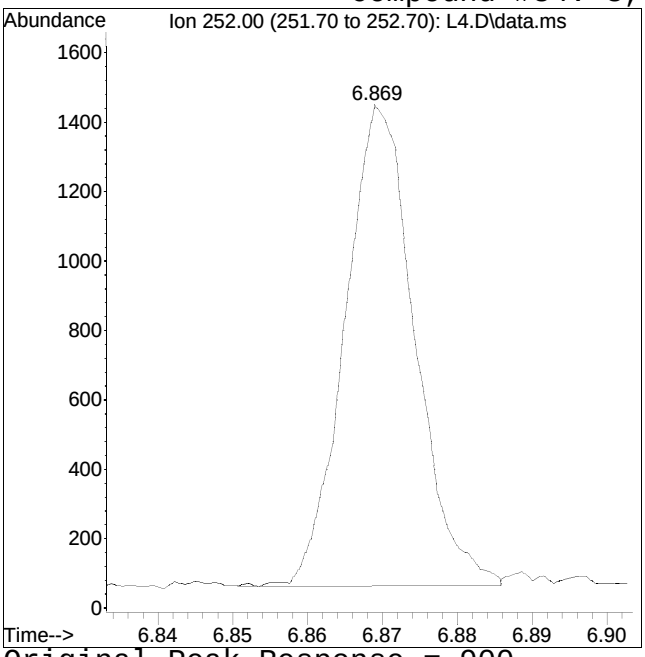
Manual Peak Response = 3794 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

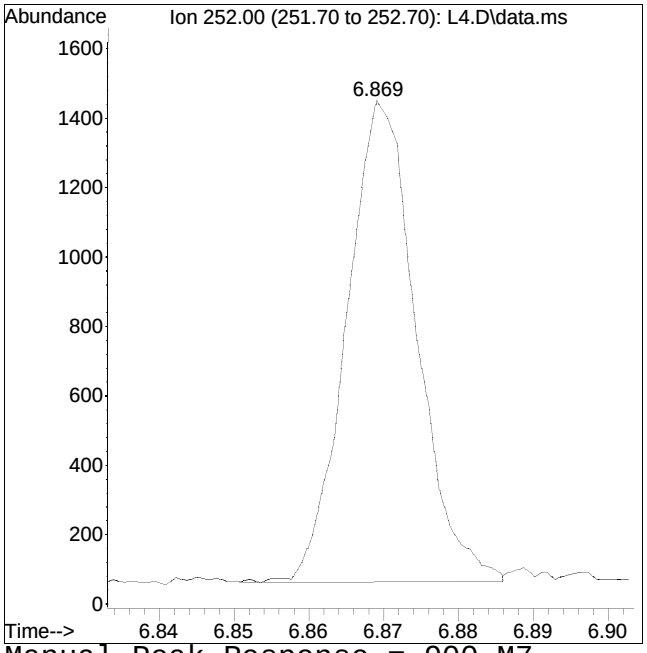
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQMethod : SIM-RVT_251213sv118.M
Data File : L4.D Operator : SV118:csn
Date Inj'd : 12/13/2025 8:38 pm Instrument : SV118
Sample : IL4,32,, #12040 10 ng/ml Quant Date : 12/15/2025 5:17 pm

Compound #34: 3,3'-Dichlorobenzidine



Original Peak Response = 900



Manual Peak Response = 900 M7

M7 = A qualifier ion was manually integrated (only for GC/MS data).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L3.D
Acq On : 13 Dec 2025 08:55 pm
Operator : SV118:csn
Sample : IL3,32,, #12041 5 ng/ml
Misc : WG2154186,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 17 16:37:19 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	326533	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 91.15%			
9) Naphthalene-d8	3.209	136	1174051	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 89.38%			
18) Acenaphthene-d10	4.280	164	636395	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 87.74%			
23) Phenanthrene-d10	5.203	188	1373183	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 89.74%			
32) Chrysene-d12	6.885	240	1185432	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 95.39%			
37) Perylene-d12	8.169	264	1004217	4000.000	ng/ml	0.00
Standard Area 1 = 1112889			Recovery = 90.24%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	365	4.562	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.23%#			
4) Phenol-d6	2.288	99	445	4.623	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.23%#			
8) Nitrobenzene-d5	2.796	82	314	4.230	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.42%#			
14) 2-Fluorobiphenyl	3.870	172	1179	4.721	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.47%#			
22) 2,4,6-Tribromophenol	4.770	330	125	3.955	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.20%#			
31) 4-Terphenyl-d14	6.213	244	1276	4.822	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.48%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.319	74	221M4	4.408	ng/ml	
5) Bis(2-chloroethyl)ether	2.344	93	451	4.977	ng/ml	87
6) n-nitrosodi-n-propylamine	2.715	70	260	4.501	ng/ml	98
7) Hexachloroethane	2.771	117	191	4.633	ng/ml	90
10) Naphthalene	3.222	128	1515M6	4.857	ng/ml	
11) Hexachlorobutadiene	3.309	225	301	4.987	ng/ml	99
12) 2-Methylnaphthalene	3.640	142	917	4.883	ng/ml	99
13) 1-Methylnaphthalene	3.701	142	920	4.805	ng/ml	100
15) 2-Chloronaphthalene	3.937	162	1030	4.811	ng/ml	97
16) 2,6-Dinitrotoluene	4.153	165	182	4.900	ng/ml#	83
17) Acenaphthylene	4.189	152	1426	4.493	ng/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L3.D
Acq On : 13 Dec 2025 08:55 pm
Operator : SV118:csn
Sample : IL3,32,, #12041 5 ng/ml
Misc : WG2154186,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 17 16:37:19 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.299	153	1041	4.820	ng/ml	99
20) 2,4-Dinitrotoluene	4.405	165	169	21.241	ng/ml	98
21) Fluorene	4.621	166	1169	4.740	ng/ml	99
24) 4,6-Dinitro-o-cresol	4.657	198	50	22.452	ng/ml#	10
25) Hexachlorobenzene	4.968	284	434	4.794	ng/ml	92
26) Pentachlorophenol	5.093	266	141M6	12.309	ng/ml	
27) Phenanthrene	5.215	178	1949M6	4.929	ng/ml	
28) Anthracene	5.249	178	1855	4.792	ng/ml	98
29) Fluoranthene	5.960	202	2011	4.742	ng/ml	96
30) Pyrene	6.102	202	2072	4.750	ng/ml	99
33) Benzo[a]anthracene	6.880	226	764	6.191	ng/ml#	1
34) 3,3'-Dichlorobenzidine	6.868	252	476M7	3.460	ng/ml	
35) Chrysene	6.904	228	1928	4.756	ng/ml	98
36) Bis(2-ethylhexyl)phtha...	6.932	149	946	21.201	ng/ml	93
38) Benzo[b]fluoranthene	7.774	252	1514	4.611	ng/ml	99
39) Benzo[k]fluoranthene	7.801	252	1499	4.558	ng/ml	98
40) Benzo[a]pyrene	8.100	252	1246	4.399	ng/ml	99
41) Indeno[1,2,3-cd]pyrene	9.452	276	1125M6	4.456	ng/ml	
42) Dibenzo[a,h]anthracene	9.495	278	1020M7	4.192	ng/ml	
43) Benzo[g,h,i]perylene	9.806	276	1204	4.562	ng/ml	91

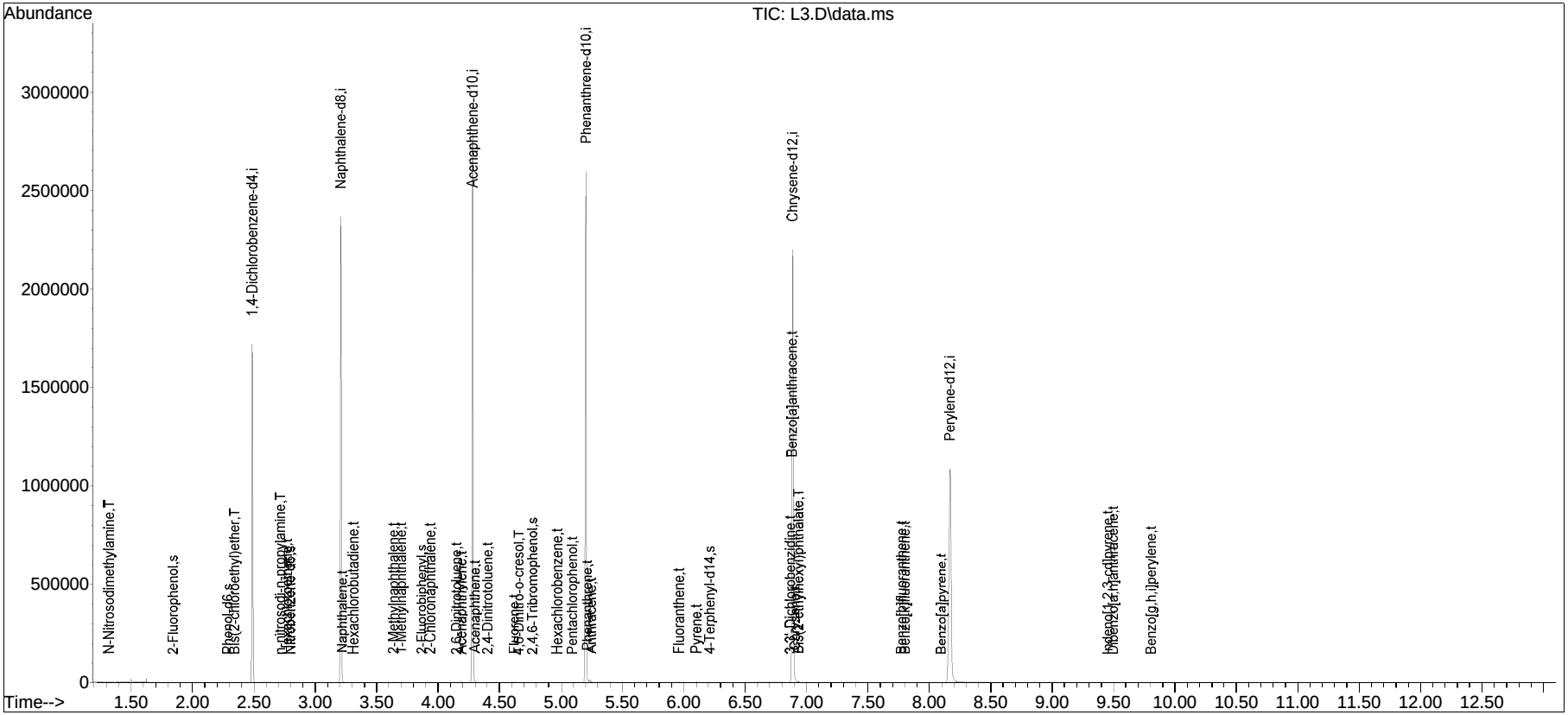
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L3.D
Acq On : 13 Dec 2025 08:55 pm
Operator : SV118:csn
Sample : IL3,32,, #12041 5 ng/ml
Misc : WG2154186,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 17 16:37:19 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•

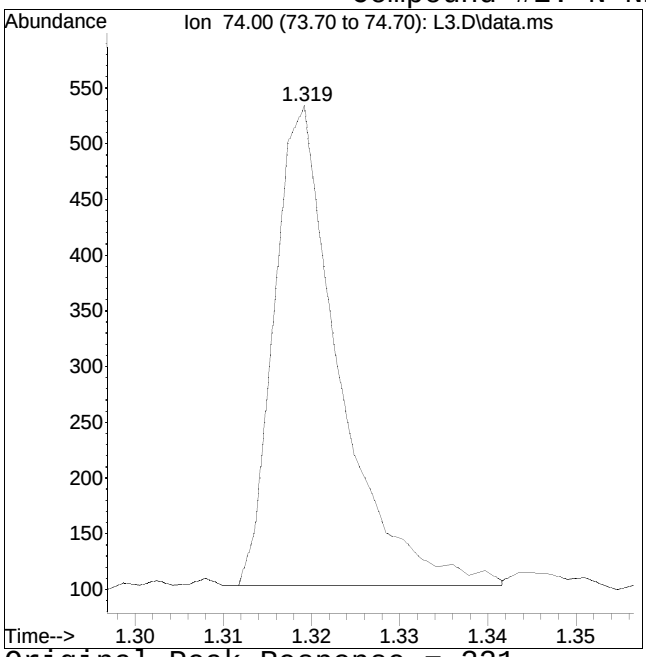


Manual Integration Report

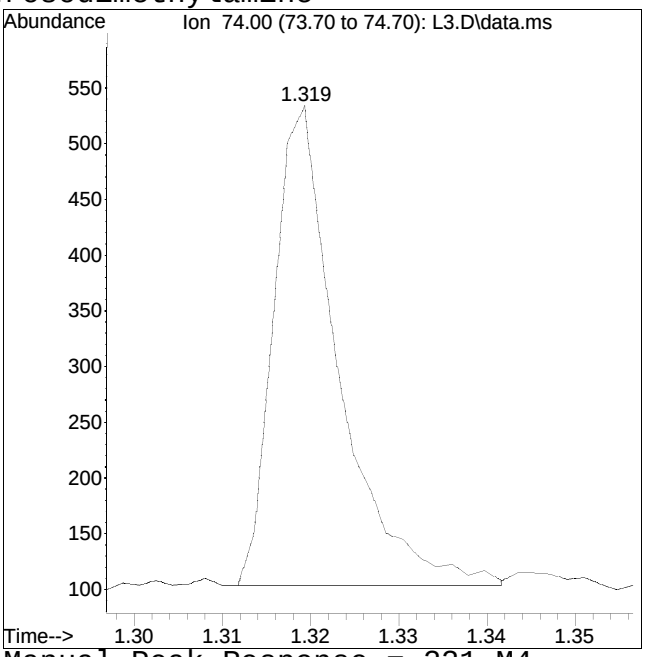
Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L3.D
Date Inj'd : 12/13/2025 8:55 pm
Sample : IL3,32,, #12041 5 ng/ml

Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #2: N-Nitrosodimethylamine



Original Peak Response = 221



Manual Peak Response = 221 M4

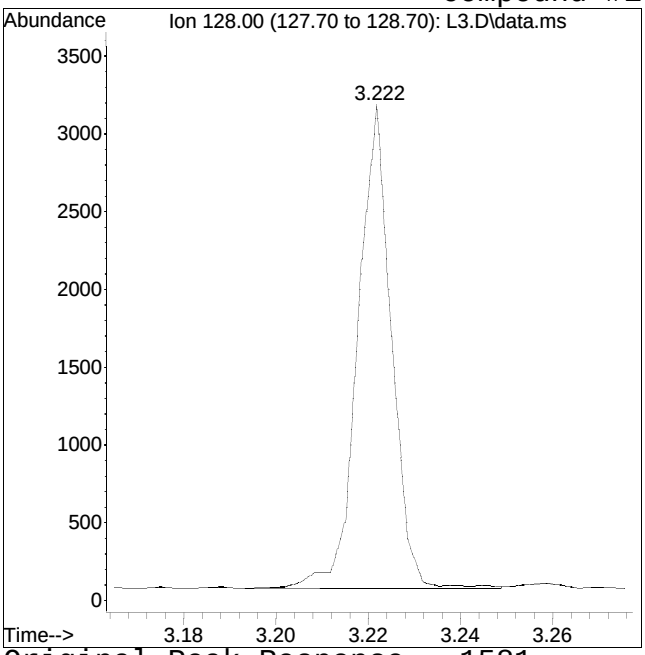
M4 = Poor automated baseline construction.

Manual Integration Report

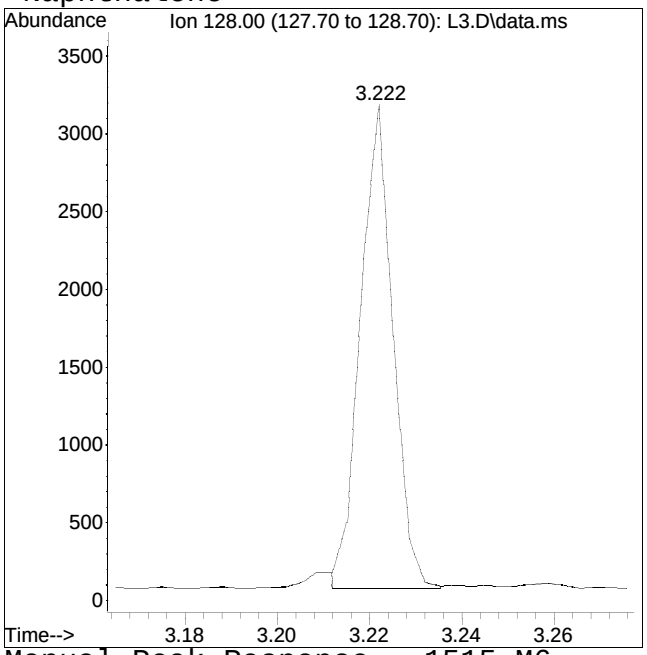
Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L3.D
Date Inj'd : 12/13/2025 8:55 pm
Sample : IL3,32,, #12041 5 ng/ml

Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #10: Naphthalene



Original Peak Response = 1581



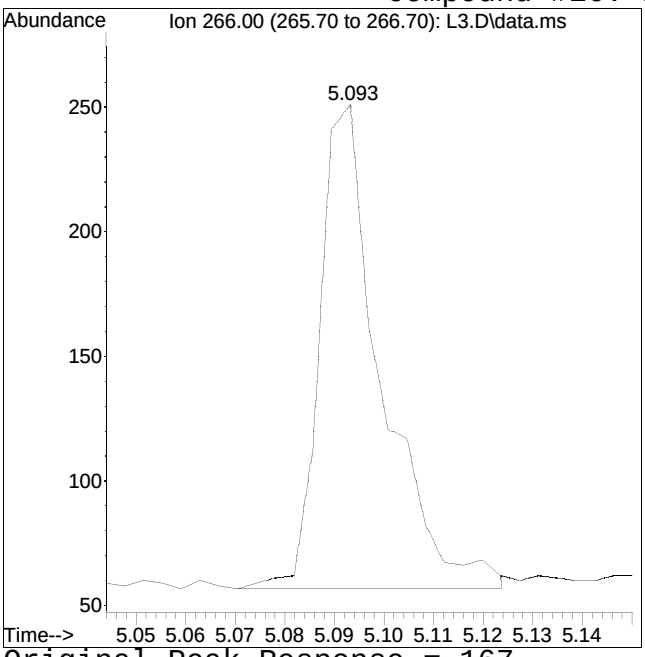
Manual Peak Response = 1515 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

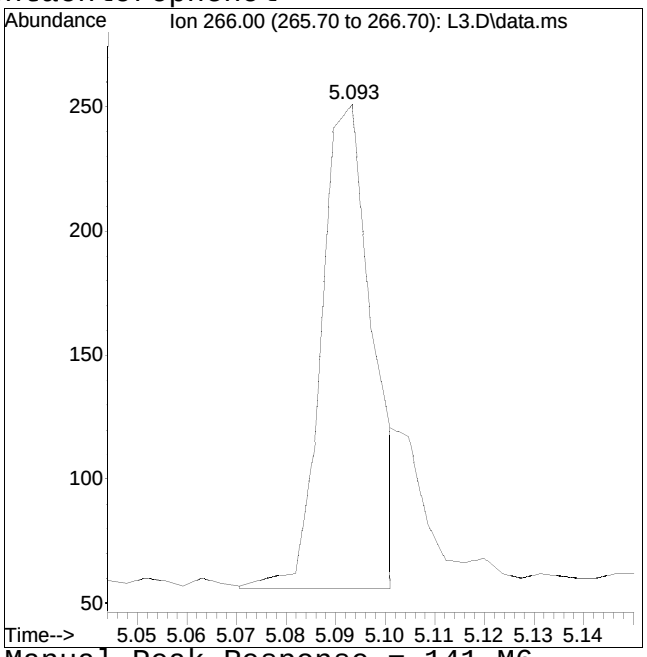
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L3.D
Date Inj'd : 12/13/2025 8:55 pm
Sample : IL3,32,, #12041 5 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #26: Pentachlorophenol



Original Peak Response = 167



Manual Peak Response = 141 M6

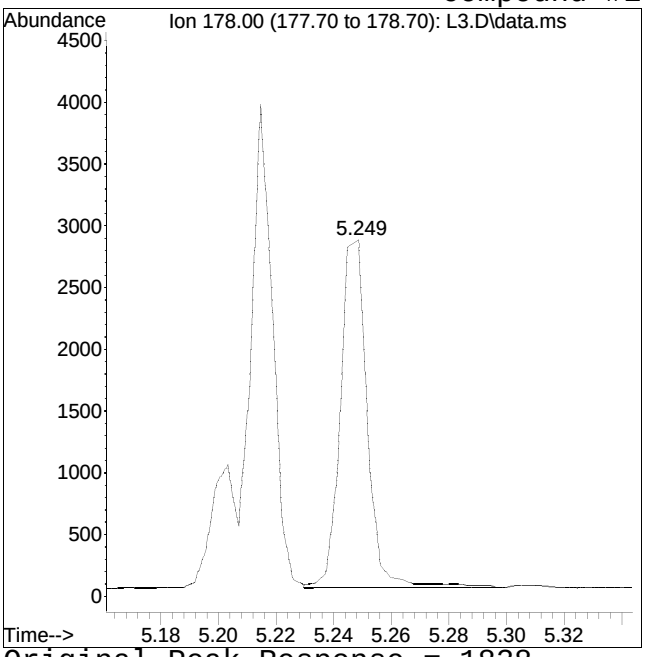
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

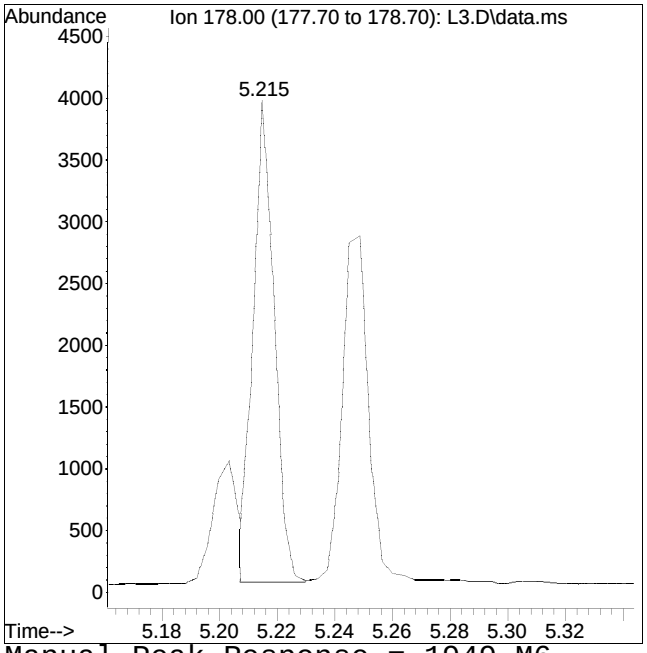
Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L3.D
Date Inj'd : 12/13/2025 8:55 pm
Sample : IL3,32,, #12041 5 ng/ml

Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #27: Phenanthrene



Original Peak Response = 1838



Manual Peak Response = 1949 M6

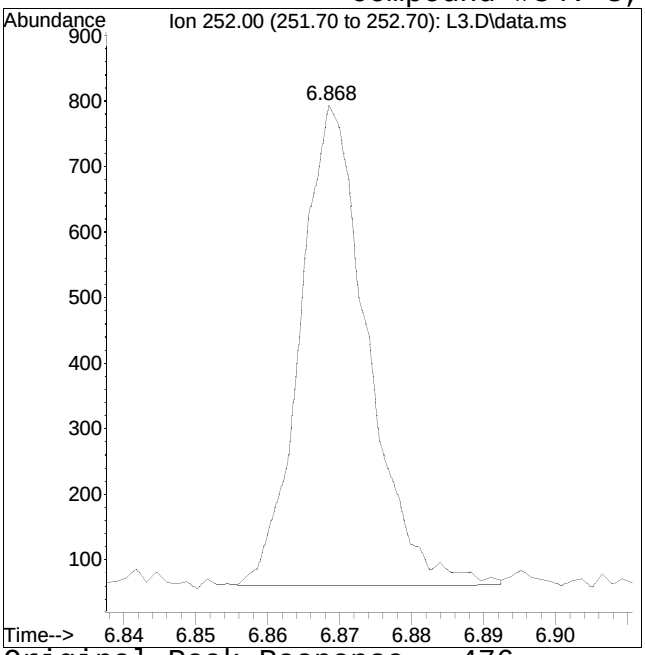
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

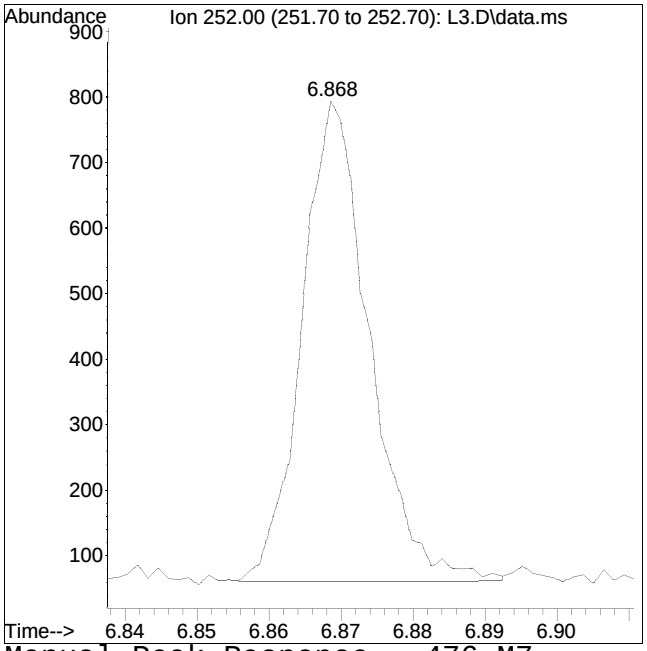
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L3.D
Date Inj'd : 12/13/2025 8:55 pm
Sample : IL3,32,, #12041 5 ng/ml

Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #34: 3,3'-Dichlorobenzidine





Original Peak Response = 476 Manual Peak Response = 476 M7

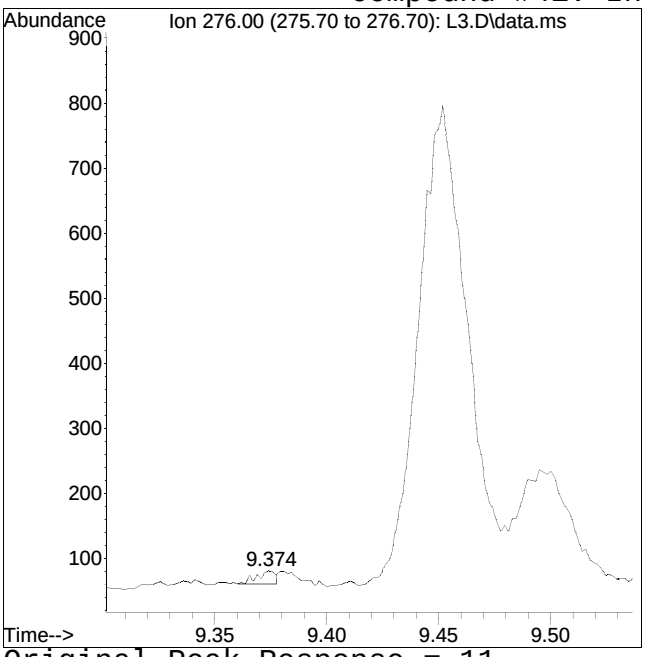
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Manual Integration Report

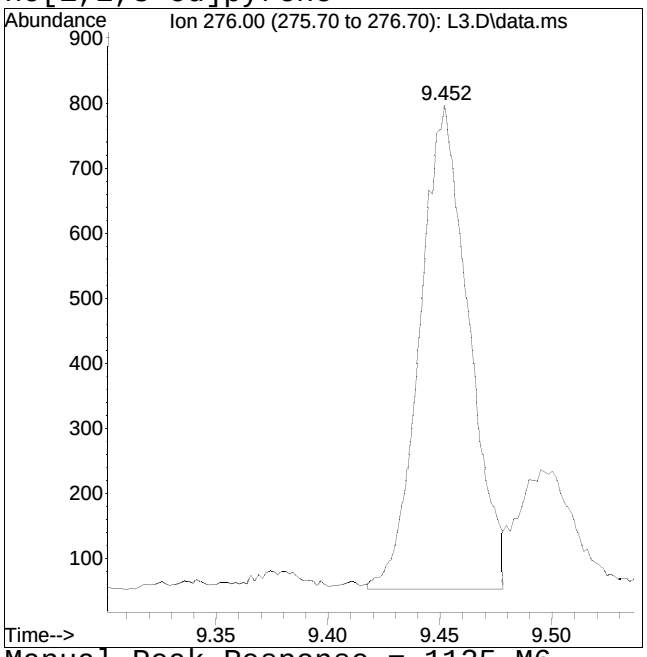
Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L3.D
Date Inj'd : 12/13/2025 8:55 pm
Sample : IL3,32,, #12041 5 ng/ml

Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #41: Indeno[1,2,3-cd]pyrene



Original Peak Response = 11



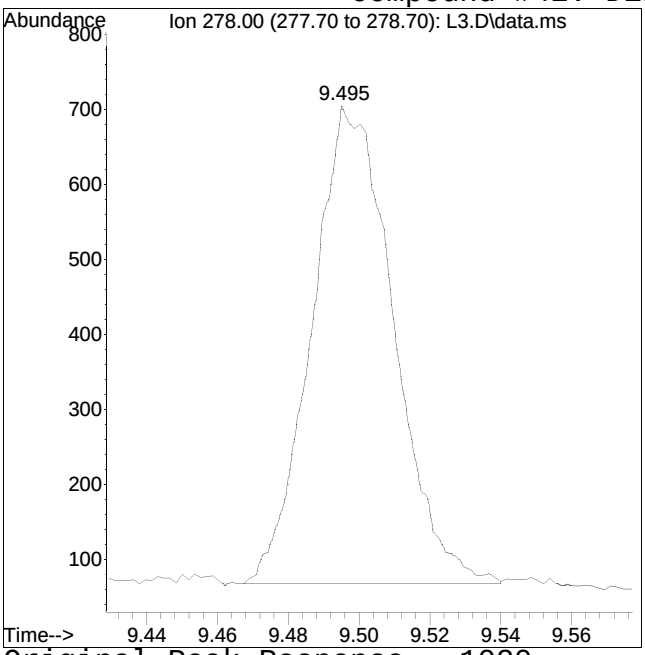
Manual Peak Response = 1125 M6

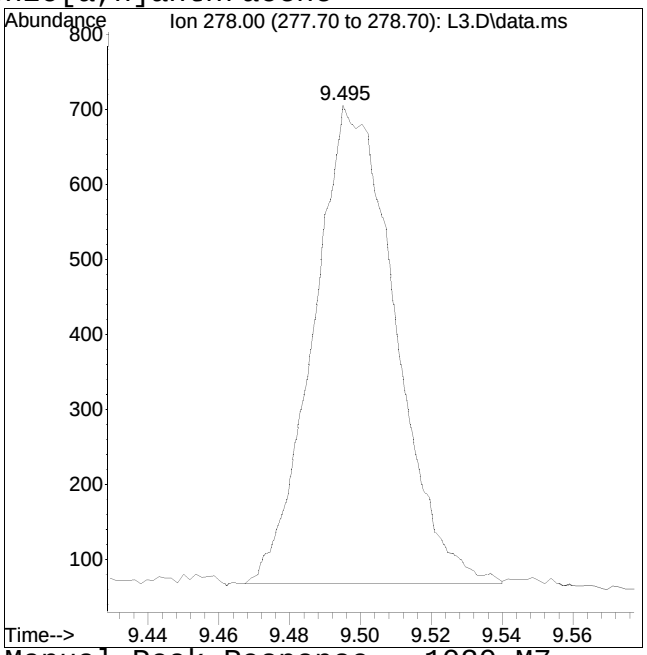
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L3.D
Date Inj'd : 12/13/2025 8:55 pm
Sample : IL3,32,, #12041 5 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/15/2025 5:17 pm

Compound #42: Dibenzo[a,h]anthracene





Original Peak Response = 1020
Manual Peak Response = 1020 M7
M7 = A qualifier ion was manually integrated (only for GC/MS data).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L2.D
Acq On : 13 Dec 2025 09:12 pm
Operator : SV118:csn
Sample : IL2,32,, #12042 2 ng/ml
Misc : WG2154186,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 17 16:42:40 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:54:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	332760	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 92.89%			
9) Naphthalene-d8	3.208	136	1191528	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 90.71%			
18) Acenaphthene-d10	4.280	164	648483	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 89.41%			
23) Phenanthrene-d10	5.203	188	1396218	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 91.25%			
32) Chrysene-d12	6.887	240	1189890	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 95.75%			
37) Perylene-d12	8.171	264	1006947	4000.000	ng/ml	0.01
Standard Area 1 = 1112889			Recovery = 90.48%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	162	1.987	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.10%#			
4) Phenol-d6	2.288	99	188	1.917	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.10%#			
8) Nitrobenzene-d5	2.796	82	150	1.983	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.20%#			
14) 2-Fluorobiphenyl	3.870	172	540	2.130	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.21%#			
22) 2,4,6-Tribromophenol	4.770	330	58	1.801	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.09%#			
31) 4-Terphenyl-d14	6.213	244	582	2.163	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.22%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.000		0	N.D.	d	
5) Bis(2-chloroethyl)ether	0.000		0	N.D.	d	
6) n-nitrosodi-n-propylamine	0.000		0	N.D.	d	
7) Hexachloroethane	0.000		0	N.D.	d	
10) Naphthalene	0.000		0	N.D.	d	
11) Hexachlorobutadiene	0.000		0	N.D.	d	
12) 2-Methylnaphthalene	0.000		0	N.D.	d	
13) 1-Methylnaphthalene	0.000		0	N.D.	d	
15) 2-Chloronaphthalene	0.000		0	N.D.	d	
16) 2,6-Dinitrotoluene	4.095	165	7	N.D.		
17) Acenaphthylene	4.189	152	643	1.996	ng/ml	95

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L2.D
Acq On : 13 Dec 2025 09:12 pm
Operator : SV118:csn
Sample : IL2,32,, #12042 2 ng/ml
Misc : WG2154186,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 17 16:42:40 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:54:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.299	153	466	2.118	ng/ml	95
20) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
21) Fluorene	4.621	166	515	2.049	ng/ml	99
24) 4,6-Dinitro-o-cresol	0.000		0	N.D.	d	
25) Hexachlorobenzene	4.968	284	194M6	2.108	ng/ml	
26) Pentachlorophenol	5.093	266	162	14.884	ng/ml	100
27) Phenanthrene	5.215	178	869M3	2.100	ng/ml	
28) Anthracene	5.249	178	781	1.986	ng/ml	99
29) Fluoranthene	5.964	202	916	2.125	ng/ml	99
30) Pyrene	6.102	202	949	2.140	ng/ml	99
33) Benzo[a]anthracene	0.000		0	N.D.	d	
34) 3,3'-Dichlorobenzidine	0.000		0	N.D.	d	
35) Chrysene	0.000		0	N.D.	d	
36) Bis(2-ethylhexyl)phtha...	6.935	149	447	18.807	ng/ml	92
38) Benzo[b]fluoranthene	7.777	252	659	2.011	ng/ml	95
39) Benzo[k]fluoranthene	7.803	252	655	1.996	ng/ml	99
40) Benzo[a]pyrene	8.105	252	548	1.939	ng/ml	96
41) Indeno[1,2,3-cd]pyrene	9.454	276	469M6	1.861	ng/ml	
42) Dibenzo[a,h]anthracene	9.500	278	456M3	1.876	ng/ml	
43) Benzo[g,h,i]perylene	9.810	276	510	1.935	ng/ml#	70

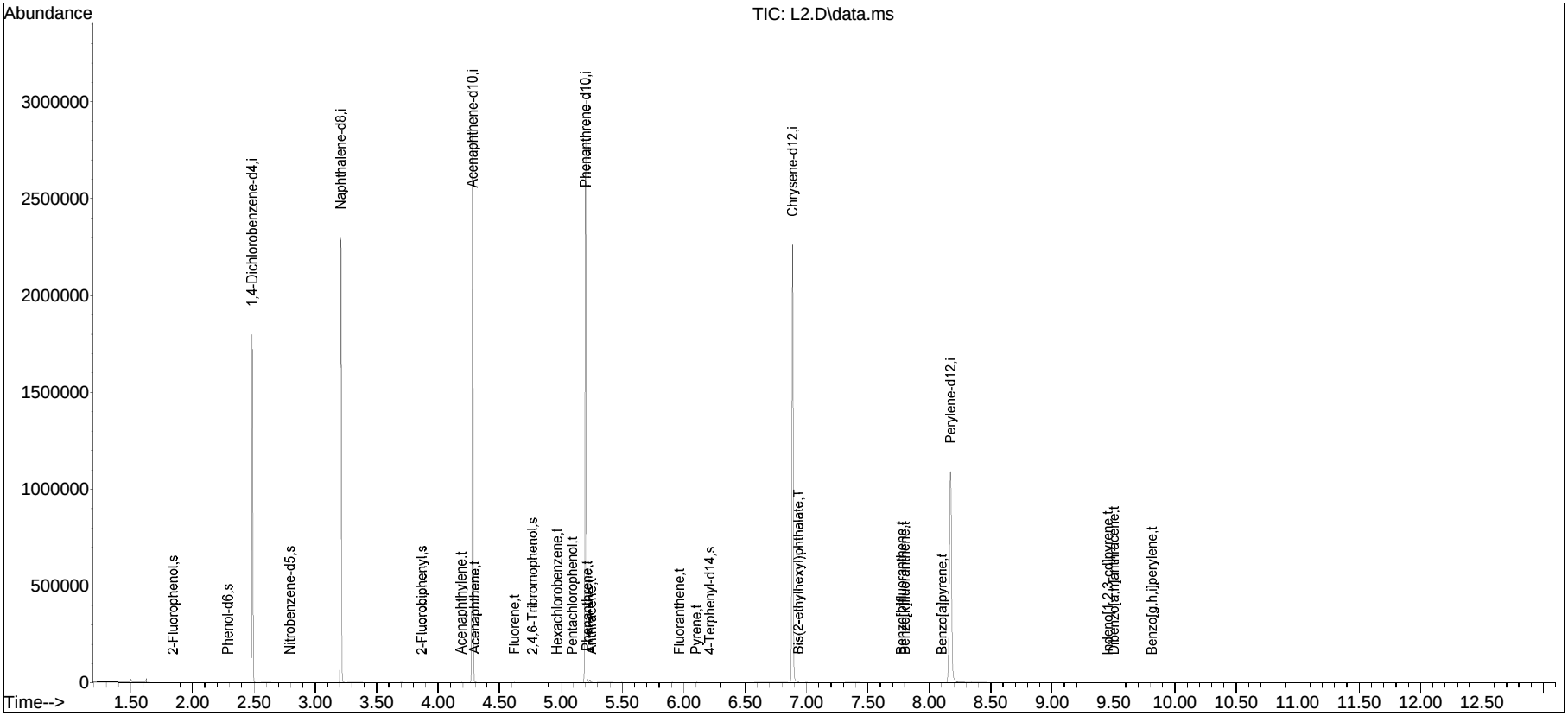
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L2.D
Acq On : 13 Dec 2025 09:12 pm
Operator : SV118:csn
Sample : IL2,32,, #12042 2 ng/ml
Misc : WG2154186,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 17 16:42:40 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:54:48 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•

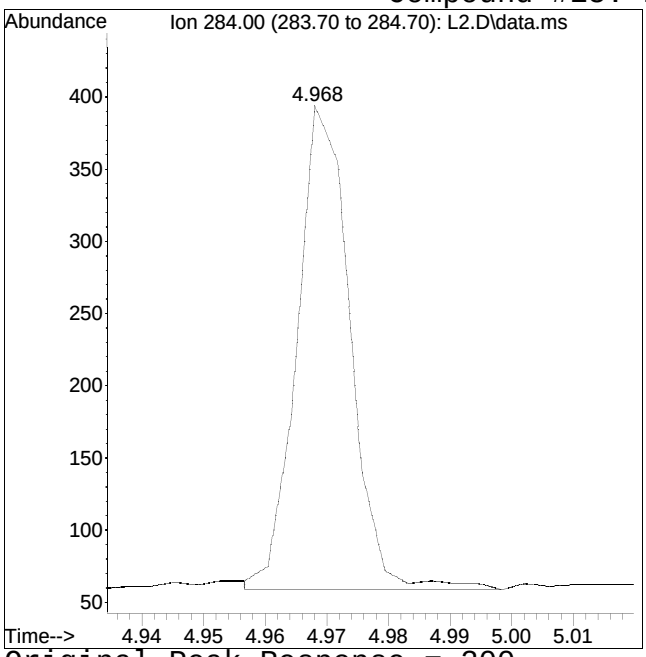


Manual Integration Report

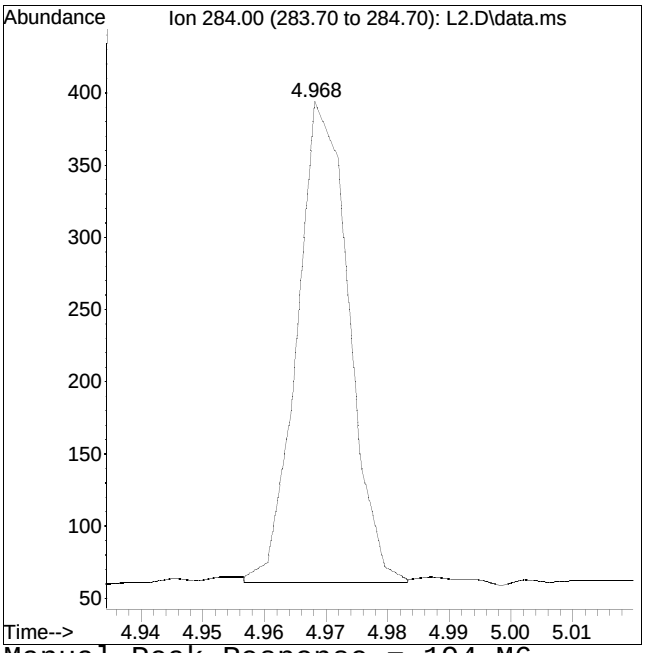
Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L2.D
Date Inj'd : 12/13/2025 9:12 pm
Sample : IL2,32,, #12042 2 ng/ml

Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/17/2025 4:39 pm

Compound #25: Hexachlorobenzene



Original Peak Response = 200



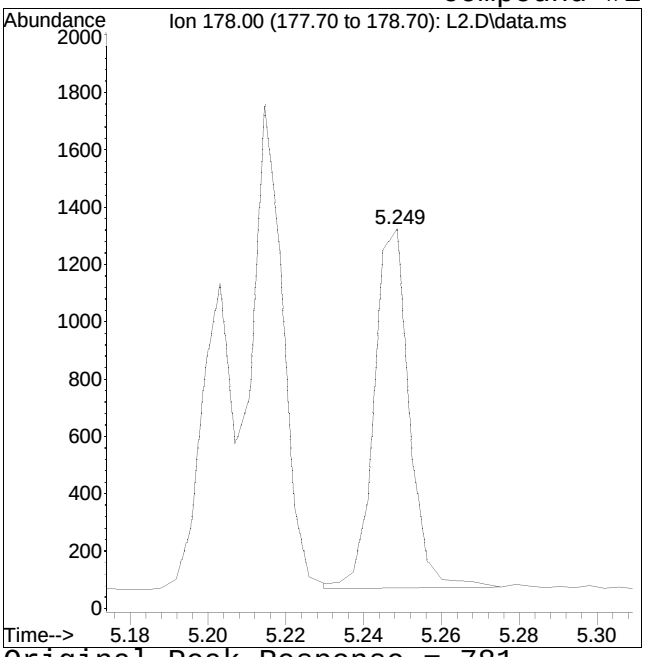
Manual Peak Response = 194 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

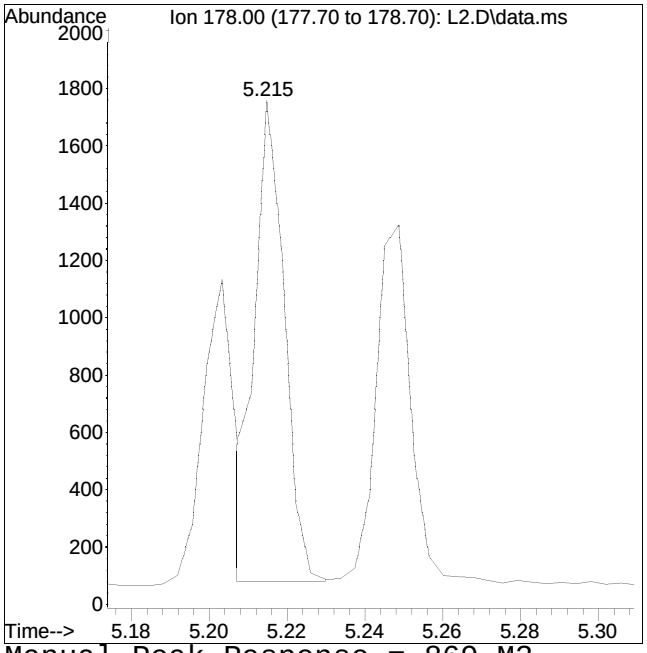
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L2.D
Date Inj'd : 12/13/2025 9:12 pm
Sample : IL2,32,, #12042 2 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/17/2025 4:39 pm

Compound #27: Phenanthrene



Original Peak Response = 781



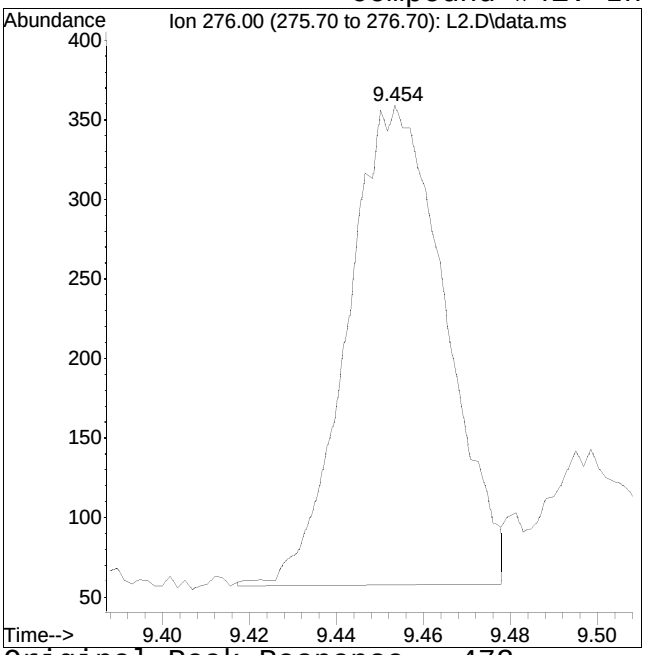
Manual Peak Response = 869 M3

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.

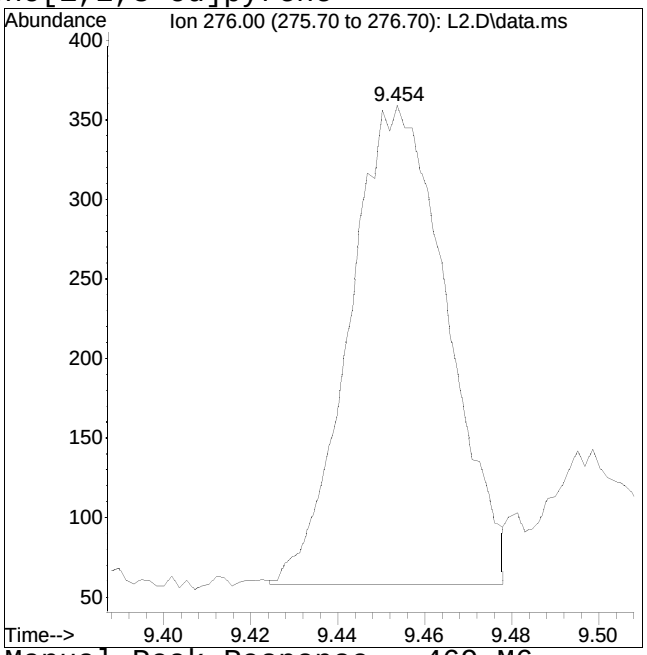
Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L2.D
Date Inj'd : 12/13/2025 9:12 pm
Sample : IL2,32,, #12042 2 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/17/2025 4:39 pm

Compound #41: Indeno[1,2,3-cd]pyrene



Original Peak Response = 472



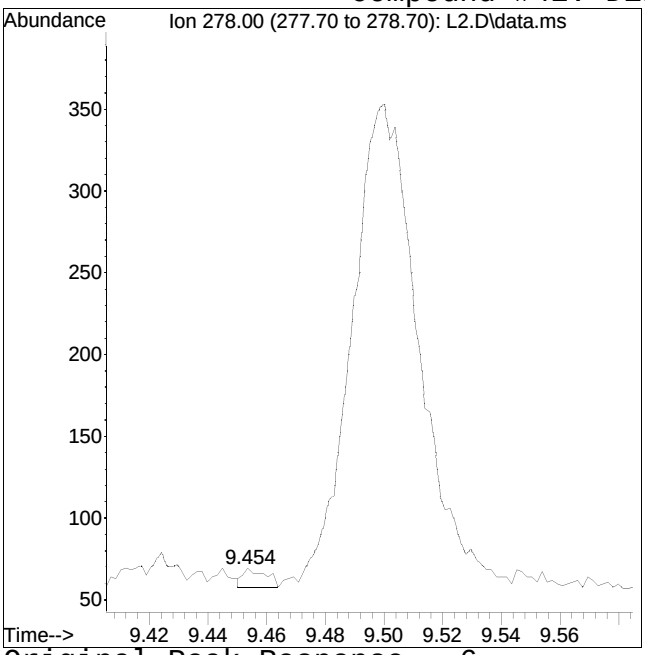
Manual Peak Response = 469 M6

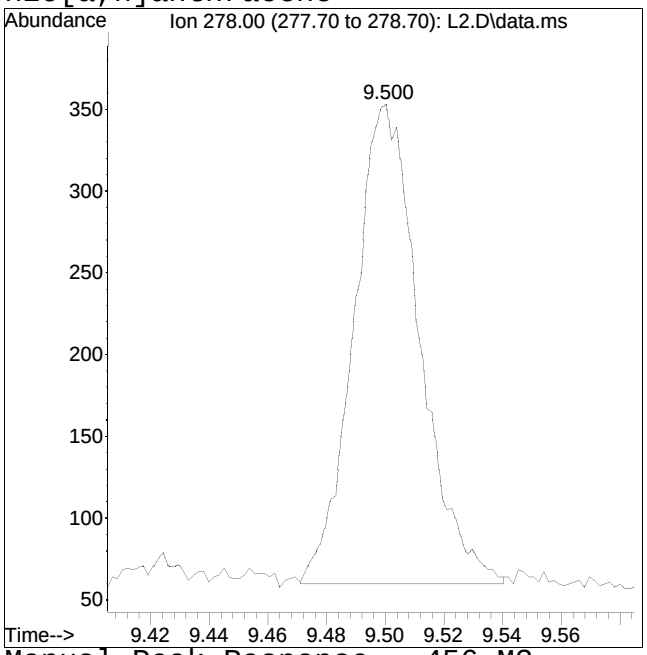
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270SIM\SV118\251213RVTQ
Data File : L2.D
Date Inj'd : 12/13/2025 9:12 pm
Sample : IL2,32,, #12042 2 ng/ml
Method : SIM-RVT_251213sv118.M
Operator : SV118:csn
Instrument : SV118
Quant Date : 12/17/2025 4:39 pm

Compound #42: Dibenzo[a,h]anthracene





Original Peak Response = 6 Manual Peak Response = 456 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 : I:\8270SIM\SV118\251213RVTical\
Data File : L1.D
Acq On : 13 Dec 2025 09:29 pm
Operator : SV118:csn
Sample : IL1,32,, #12043 1 ng/ml
Misc : WG2154186,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 16:47:53 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	349355	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 97.52%			
9) Naphthalene-d8	3.211	136	1245285	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 94.80%			
18) Acenaphthene-d10	4.282	164	669080	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 92.25%			
23) Phenanthrene-d10	5.206	188	1433528	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 93.69%			
32) Chrysene-d12	6.889	240	1195838	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 96.23%			
37) Perylene-d12	8.178	264	1008134	4000.000	ng/ml	0.02
Standard Area 1 = 1112889			Recovery = 90.59%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.841	112	92	1.075	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.05%#			
4) Phenol-d6	2.289	99	132	1.282	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.06%#			
8) Nitrobenzene-d5	2.797	82	80	1.007	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.10%#			
14) 2-Fluorobiphenyl	3.872	172	283	1.068	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.11%#			
22) 2,4,6-Tribromophenol	4.772	330	32	0.963	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 0.05%#			
31) 4-Terphenyl-d14	6.216	244	293	1.061	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 0.11%#			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.000		0	N.D. d		
5) Bis(2-chloroethyl)ether	0.000		0	N.D. d		
6) n-nitrosodi-n-propylamine	0.000		0	N.D. d		
7) Hexachloroethane	0.000		0	N.D. d		
10) Naphthalene	0.000		0	N.D. d		
11) Hexachlorobutadiene	0.000		0	N.D. d		
12) 2-Methylnaphthalene	0.000		0	N.D. d		
13) 1-Methylnaphthalene	0.000		0	N.D. d		
15) 2-Chloronaphthalene	0.000		0	N.D. d		
16) 2,6-Dinitrotoluene	0.000		0	N.D. d		
17) Acenaphthylene	0.000		0	N.D. d		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L1.D
Acq On : 13 Dec 2025 09:29 pm
Operator : SV118:csn
Sample : IL1,32,, #12043 1 ng/ml
Misc : WG2154186,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 16:47:53 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	0.000		0	N.D.	d	
20) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
21) Fluorene	0.000		0	N.D.	d	
24) 4,6-Dinitro-o-cresol	0.000		0	N.D.	d	
25) Hexachlorobenzene	4.971	284	102	1.079	ng/ml	96
26) Pentachlorophenol	0.000		0	N.D.	d	
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
33) Benzo[a]anthracene	0.000		0	N.D.	d	
34) 3,3'-Dichlorobenzidine	0.000		0	N.D.	d	
35) Chrysene	0.000		0	N.D.	d	
36) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	0.000		0	N.D.	d	
39) Benzo[k]fluoranthene	0.000		0	N.D.	d	
40) Benzo[a]pyrene	0.000		0	N.D.	d	
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
42) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
43) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

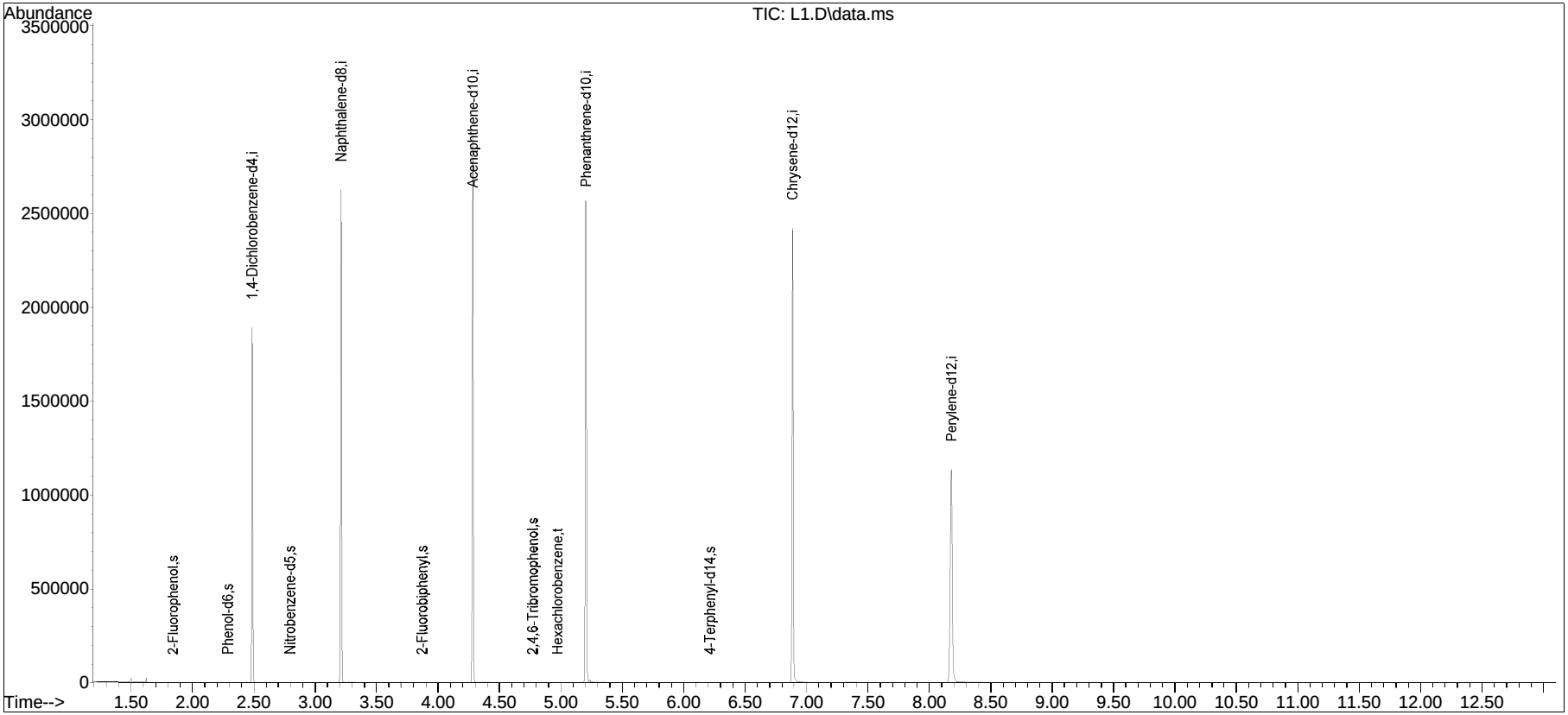
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : L1.D
Acq On : 13 Dec 2025 09:29 pm
Operator : SV118:csn
Sample : IL1,32,, #12043 1 ng/ml
Misc : WG2154186,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 16:47:53 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 15 17:15:51 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV118\251213RVTQ	Method	: SIM-RVT_251213sv118.M
Data File	: L1.D	Operator	: SV118:csn
Date Inj'd	: 12/13/2025 9:29 pm	Instrument	: SV118
Sample	: IL1,32,, #12043 1 ng/ml	Quant Date	: 12/15/2025 5:17 pm

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

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : ICV.D
Acq On : 13 Dec 2025 09:47 pm
Operator : SV118:mrg
Sample : CQICV,32,,#12034 1000 ng/ml
Misc : WG2154186,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 16:45:26 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 17 16:46:10 2025
Response via : Initial Calibration

Min. RRF : 0.010 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2	T	N-Nitrosodimethylamine	0.626	0.649	-3.7	97	0.00
3	s	2-Fluorophenol	0.980	1.079	-10.1	105	0.00
4	s	Phenol-d6	1.179	1.332	-13.0	106	0.00
5	T	Bis(2-chloroethyl)ether	1.110	1.134	-2.2	99	0.00
6	T	n-nitrosodi-n-propylamine	0.710	0.751	-5.8	98	0.00
7	t	Hexachloroethane	0.505	0.517	-2.4	99	0.00
8	s	Nitrobenzene-d5	0.909	0.892	1.9	90	0.00
9	i	Naphthalene-d8	1.000	1.000	0.0	100	0.00
10	t	Naphthalene	1.028	1.035	-0.7	100	0.00
11	t	Hexachlorobutadiene	0.206	0.208	-1.0	100	0.00
12	t	2-Methylnaphthalene	0.635	0.671	-5.7	102	0.00
13	t	1-Methylnaphthalene	0.648	0.673	-3.9	101	0.00
14	s	2-Fluorobiphenyl	0.851	0.870	-2.2	100	0.00
15	t	2-Chloronaphthalene	0.728	0.762	-4.7	101	0.00
16	t	2,6-Dinitrotoluene	0.127	0.123	3.1	90	0.00
17	t	Acenaphthylene	1.082	1.219	-12.7	103	0.00
18	i	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
19	t	Acenaphthene	1.347	1.375	-2.1	101	0.00
20	t	2,4-Dinitrotoluene	*1000.000	902.067	9.8	90	0.00
21	t	Fluorene	1.537	1.636	-6.4	102	0.00
22	s	2,4,6-Tribromophenol	0.199	0.234	-17.6	103	0.00
23	i	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
24	T	4,6-Dinitro-o-cresol	*1000.000	872.154	12.8	88	0.00
25	t	Hexachlorobenzene	0.263	0.271	-3.0	103	0.00
26	t	Pentachlorophenol	*1000.000	998.821	0.1	99	0.00
27	t	Phenanthrene	1.144	1.167	-2.0	103	0.00
28	t	Anthracene	1.110	1.157	-4.2	101	0.00
29	t	Fluoranthene	1.210	1.260	-4.1	102	0.00
30	t	Pyrene	1.244	1.314	-5.6	103	0.00
31	s	4-Terphenyl-d14	0.771	0.793	-2.9	102	0.01
32	i	Chrysene-d12	1.000	1.000	0.0	103	0.00
33	t	Benzo[a]anthracene	0.416	0.403	3.1	102	0.00
34	t	3,3'-Dichlorobenzidine	0.464	0.460	0.9	96	0.00
35	t	Chrysene	1.363	1.390	-2.0	103	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : ICV.D
Acq On : 13 Dec 2025 09:47 pm
Operator : SV118:mrg
Sample : CQICV,32,,#12034 1000 ng/ml
Misc : WG2154186,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 16:45:26 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 17 16:46:10 2025
Response via : Initial Calibration

Min. RRF : 0.010 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)
36	T	Bis(2-ethylhexyl)phthalate	*1000.000	914.262	8.6	94	0.01
37	i	Perylene-d12	1.000	1.000	0.0	102	0.02
38	t	Benzo[b]fluoranthene	1.290	1.344	-4.2	103	0.01
39	t	Benzo[k]fluoranthene	1.304	1.373	-5.3	102	0.01
40	t	Benzo[a]pyrene	1.130	1.218	-7.8	103	0.01
41	t	Indeno[1,2,3-cd]pyrene	1.009	1.052	-4.3	101	0.02
42	t	Dibenzo[a,h]anthracene	0.974	1.060	-8.8	102	0.02
43	t	Benzo[g,h,i]perylene	1.051	1.081	-2.9	99	0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : ICV.D
Acq On : 13 Dec 2025 09:47 pm
Operator : SV118:mrg
Sample : CQICV,32,,#12034 1000 ng/ml
Misc : WG2154186,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 16:45:26 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 17 16:46:10 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.486	152	355689	4000.000	ng/ml	0.00
Standard Area 1 = 358245			Recovery = 99.29%			
9) Naphthalene-d8	3.209	136	1313161	4000.000	ng/ml	0.00
Standard Area 1 = 1313561			Recovery = 99.97%			
18) Acenaphthene-d10	4.284	164	729490	4000.000	ng/ml	0.00
Standard Area 1 = 725304			Recovery = 100.58%			
23) Phenanthrene-d10	5.203	188	1562387	4000.000	ng/ml	0.00
Standard Area 1 = 1530103			Recovery = 102.11%			
32) Chrysene-d12	6.890	240	1280585	4000.000	ng/ml	0.00
Standard Area 1 = 1242681			Recovery = 103.05%			
37) Perylene-d12	8.176	264	1142817	4000.000	ng/ml	0.02
Standard Area 1 = 1112889			Recovery = 102.69%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.839	112	95984	1101.257	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 55.06%			
4) Phenol-d6	2.286	99	118483	1130.088	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 56.50%			
8) Nitrobenzene-d5	2.794	82	79280	980.420	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 98.04%			
14) 2-Fluorobiphenyl	3.870	172	285644	1022.220	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 102.22%			
22) 2,4,6-Tribromophenol	4.770	330	42623	1176.482	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 58.82%			
31) 4-Terphenyl-d14	6.217	244	309661	1028.485	ng/ml	0.01
Spiked Amount 1000.000	Range 30 - 130		Recovery = 102.85%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.305	74	57739	1037.215	ng/ml	91
5) Bis(2-chloroethyl)ether	2.341	93	100837	1021.494	ng/ml	90
6) n-nitrosodi-n-propylamine	2.711	70	66747	1057.646	ng/ml	100
7) Hexachloroethane	2.769	117	45966	1023.612	ng/ml	92
10) Naphthalene	3.222	128	339804	1006.714	ng/ml	100
11) Hexachlorobutadiene	3.309	225	68386	1013.051	ng/ml	99
12) 2-Methylnaphthalene	3.640	142	220160	1055.542	ng/ml	99
13) 1-Methylnaphthalene	3.701	142	221050	1039.322	ng/ml	100
15) 2-Chloronaphthalene	3.937	162	250131	1046.586	ng/ml	96
16) 2,6-Dinitrotoluene	4.156	165	40273	968.494	ng/ml	95
17) Acenaphthylene	4.189	152	400071	1126.641	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : ICV.D
Acq On : 13 Dec 2025 09:47 pm
Operator : SV118:mrg
Sample : CQICV,32,,#12034 1000 ng/ml
Misc : WG2154186,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 16:45:26 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 17 16:46:10 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\251213RVTical\L8.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
19) Acenaphthene	4.299	153	250722	1020.348	ng/ml	99
20) 2,4-Dinitrotoluene	4.405	165	52775	902.067	ng/ml	95
21) Fluorene	4.621	166	298402	1064.808	ng/ml	98
24) 4,6-Dinitro-o-cresol	4.658	198	25844	872.154	ng/ml	93
25) Hexachlorobenzene	4.972	284	105986	1032.784	ng/ml	94
26) Pentachlorophenol	5.093	266	46686	998.821	ng/ml	99
27) Phenanthrene	5.219	178	455809	1019.633	ng/ml	100
28) Anthracene	5.249	178	452106	1042.475	ng/ml	99
29) Fluoranthene	5.964	202	492263	1041.448	ng/ml	96
30) Pyrene	6.106	202	513124	1055.717	ng/ml	99
33) Benzo[a]anthracene	6.883	226	128904	967.137	ng/ml	98
34) 3,3'-Dichlorobenzidine	6.873	252	147418	992.340	ng/ml	99
35) Chrysene	6.907	228	444972	1020.086	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.936	149	220247	914.262	ng/ml	97
38) Benzo[b]fluoranthene	7.782	252	383956	1041.807	ng/ml	100
39) Benzo[k]fluoranthene	7.808	252	392234	1053.137	ng/ml	100
40) Benzo[a]pyrene	8.105	252	347955	1077.680	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.463	276	300480	1042.305	ng/ml	94
42) Dibenzo[a,h]anthracene	9.507	278	302752	1088.454	ng/ml	95
43) Benzo[g,h,i]perylene	9.817	276	308877	1028.500	ng/ml	94

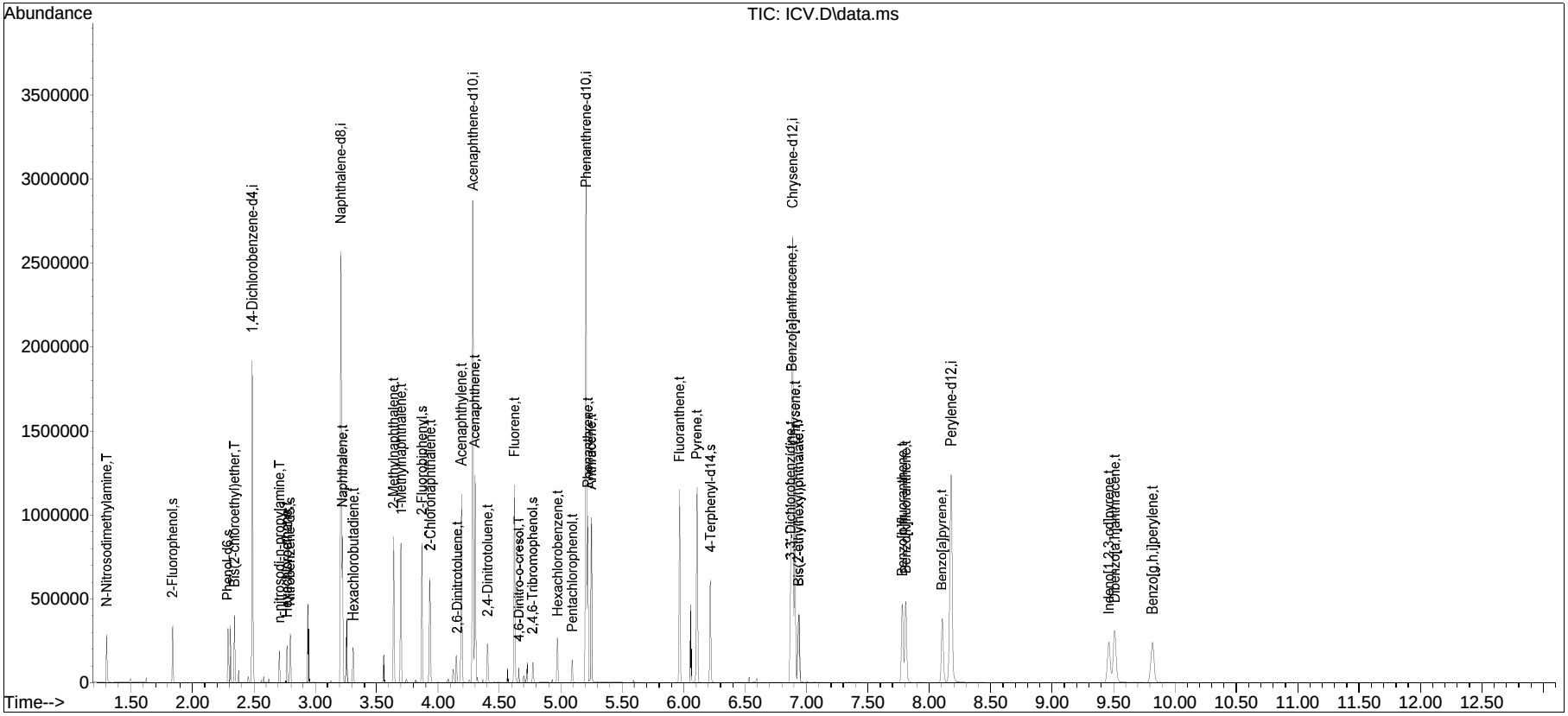
(#) = qualifier out of range (m) = manual integration (+) = signals summed

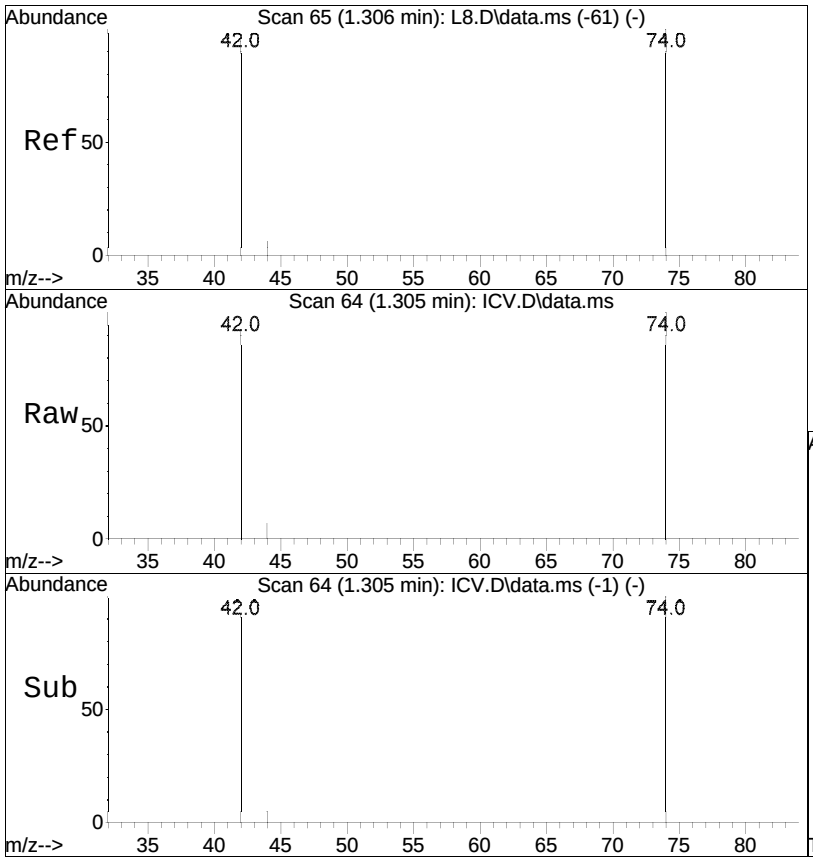
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\251213RVTical\
Data File : ICV.D
Acq On : 13 Dec 2025 09:47 pm
Operator : SV118:mrg
Sample : CQICV,32,,#12034 1000 ng/ml
Misc : WG2154186,,ical
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 16:45:26 2025
Quant Method : I:\8270SIM\SV118\251213RVTical\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 17 16:46:10 2025
Response via : Initial Calibration

Sub List : Default - All compounds listedical\L8.D•

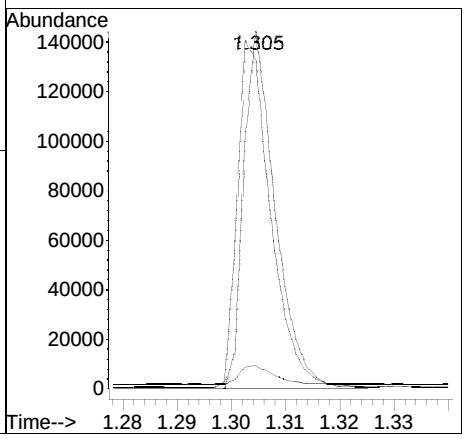


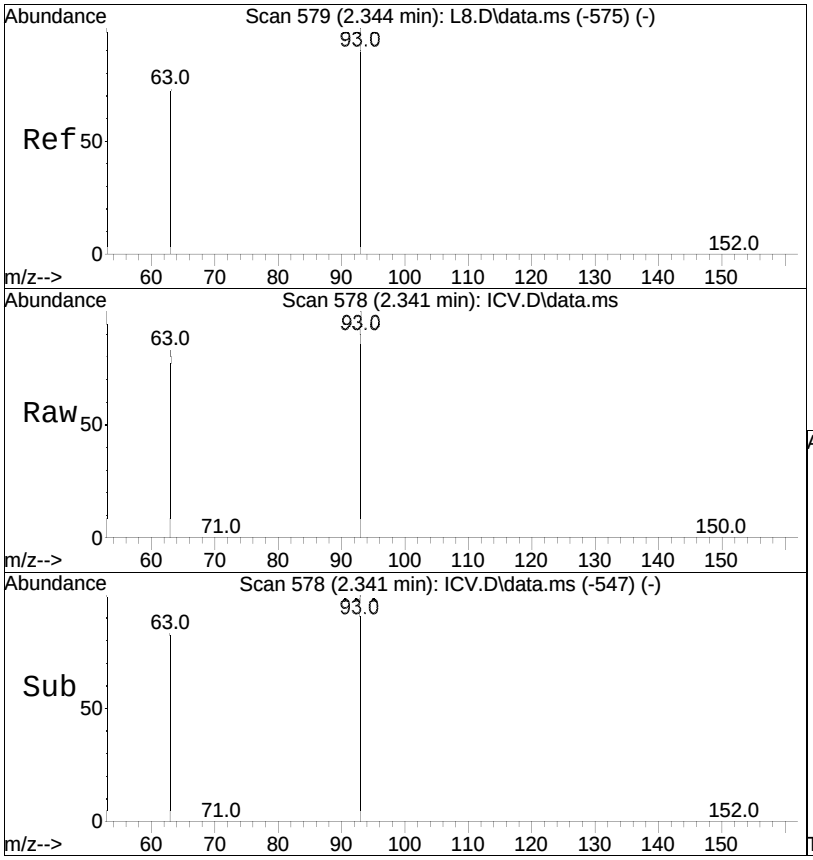


#2
N-Nitrosodimethylamine
Concen: 1037.21 ng/ml
RT: 1.305 min Scan# 64
Delta R.T. -0.002 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion: 74 Resp: 57739

Ion	Ratio	Lower	Upper
74	100		
42	102.4	74.2	111.4
44	5.8	5.0	7.6

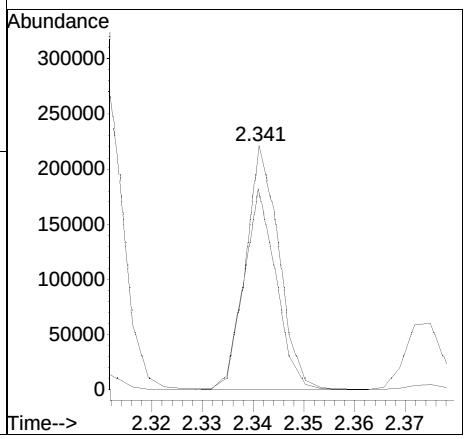


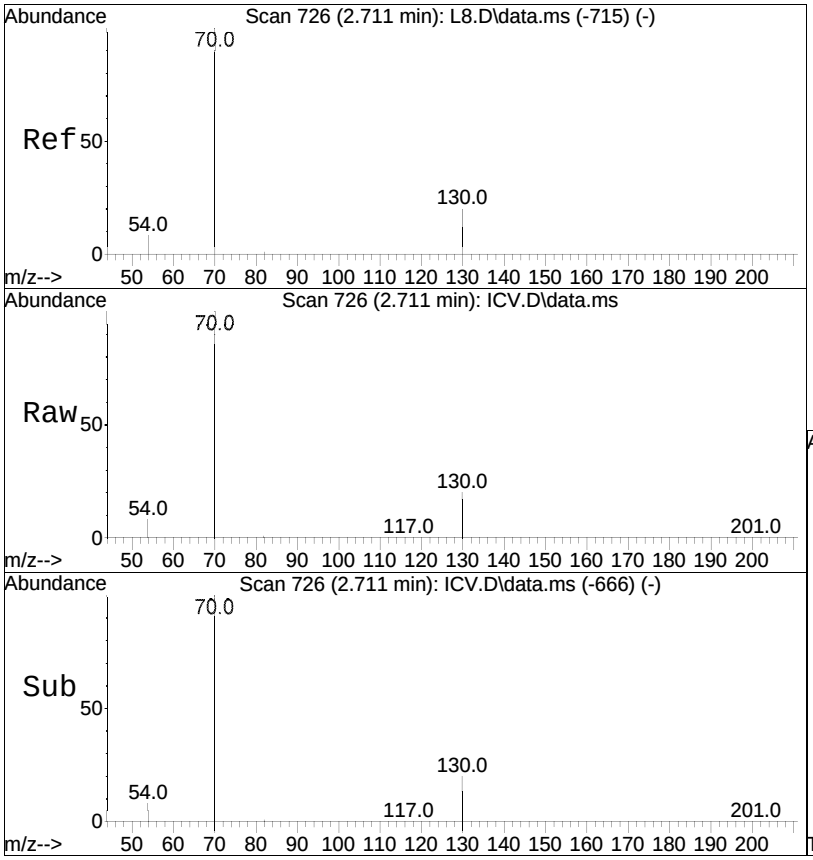


#5
Bis(2-chloroethyl)ether
Concen: 1021.49 ng/ml
RT: 2.341 min Scan# 578
Delta R.T. -0.003 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion: 93 Resp: 100837

Ion	Ratio	Lower	Upper
93	100		
63	80.3	71.7	107.5

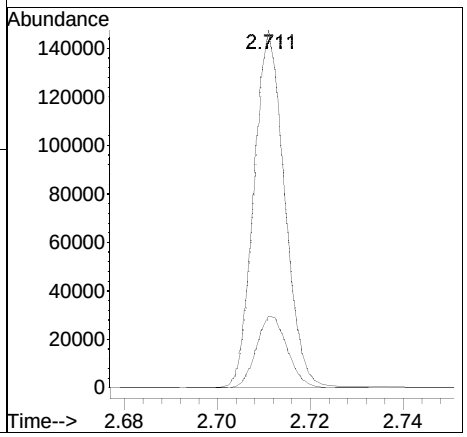


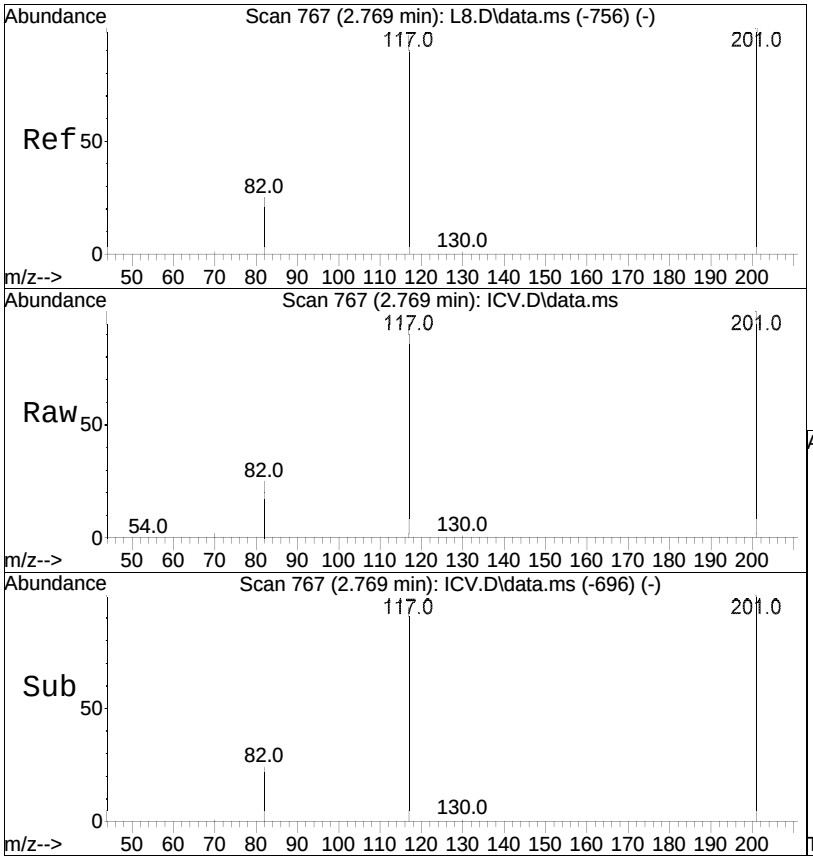


#6
n-nitrosodi-n-propylamine
Concen: 1057.65 ng/ml
RT: 2.711 min Scan# 726
Delta R.T. 0.000 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion: 70 Resp: 66747

Ion	Ratio	Lower	Upper
70	100		
130	20.3	16.2	24.2

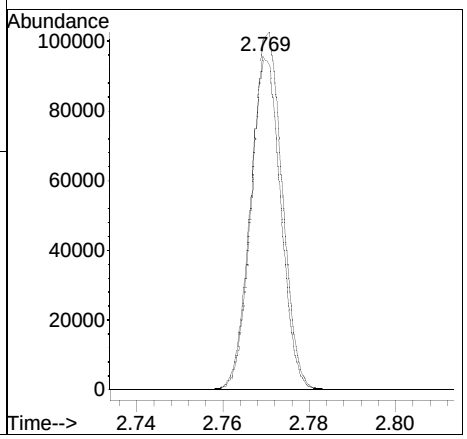


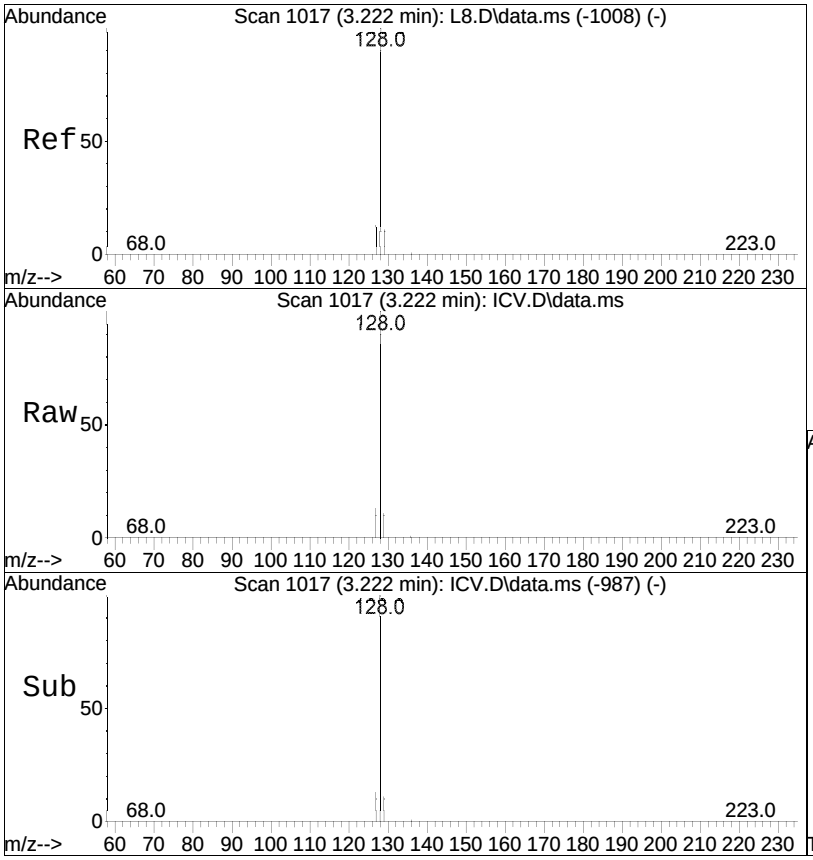


#7
Hexachloroethane
Concen: 1023.61 ng/ml
RT: 2.769 min Scan# 767
Delta R.T. 0.000 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:117 Resp: 45966

Ion	Ratio	Lower	Upper
117	100		
201	107.1	79.1	118.7

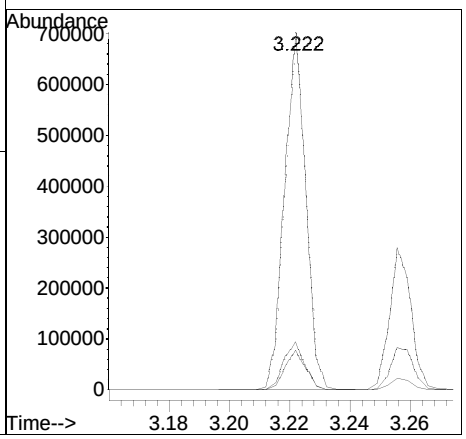


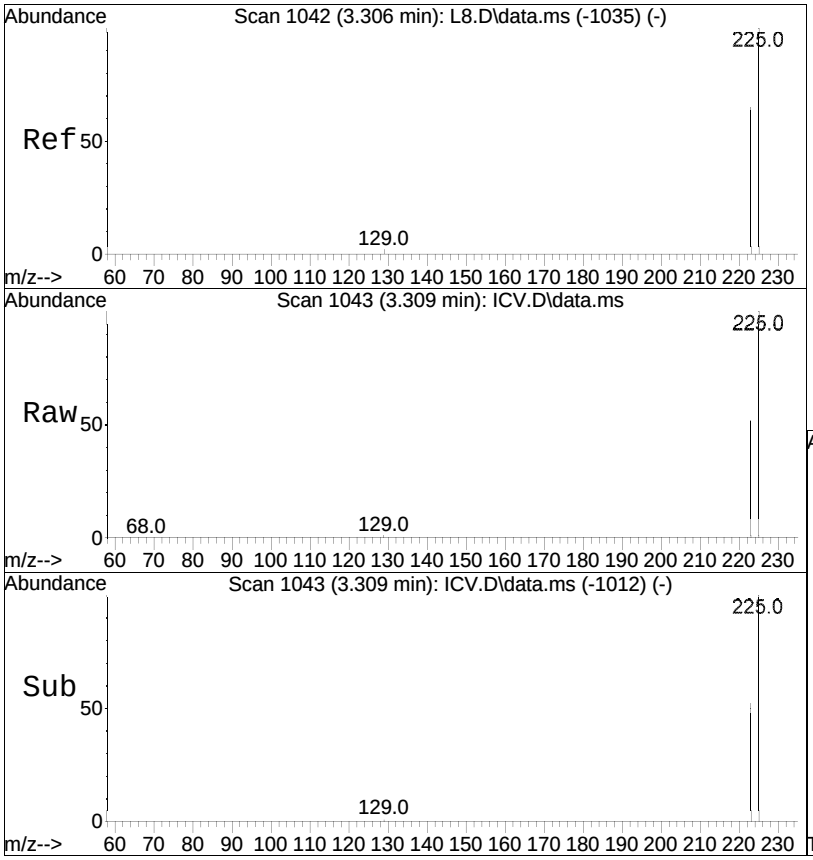


#10
Naphthalene
Concen: 1006.71 ng/ml
RT: 3.222 min Scan# 1017
Delta R.T. 0.000 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:128 Resp: 339804

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.8	16.2

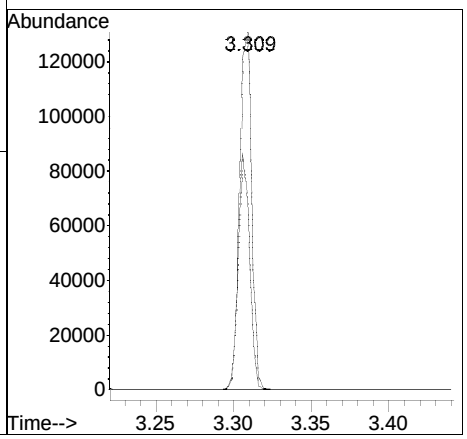


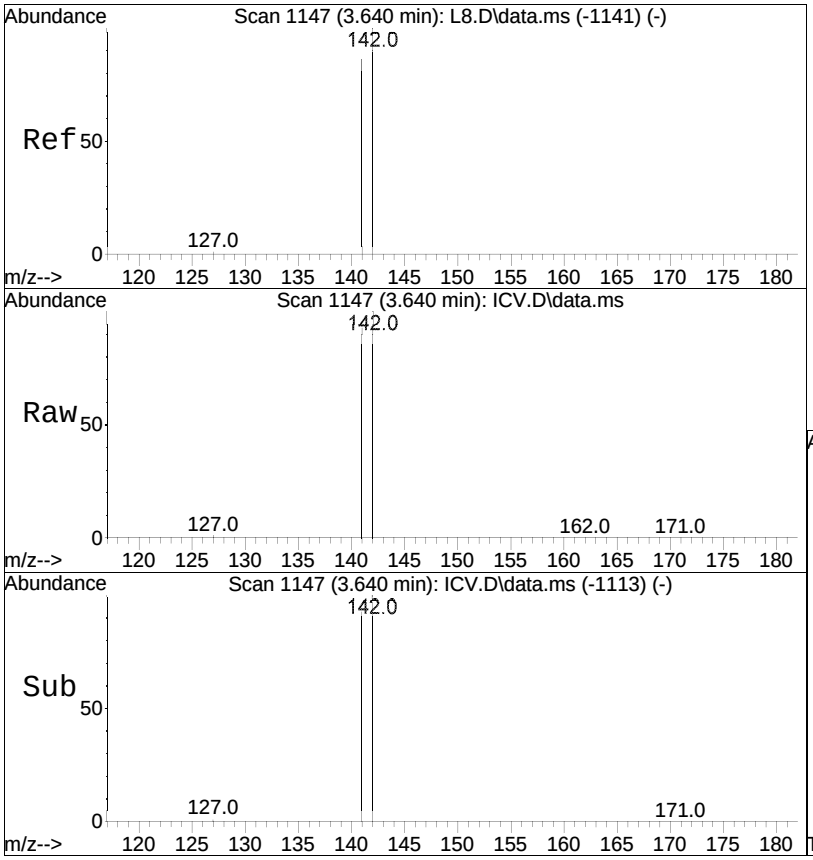


#11
Hexachlorobutadiene
Concen: 1013.05 ng/ml
RT: 3.309 min Scan# 1043
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:225 Resp: 68386

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6

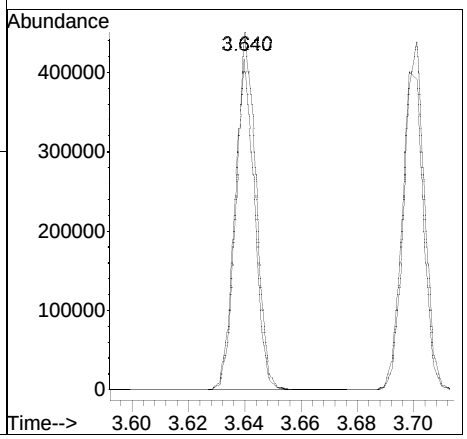


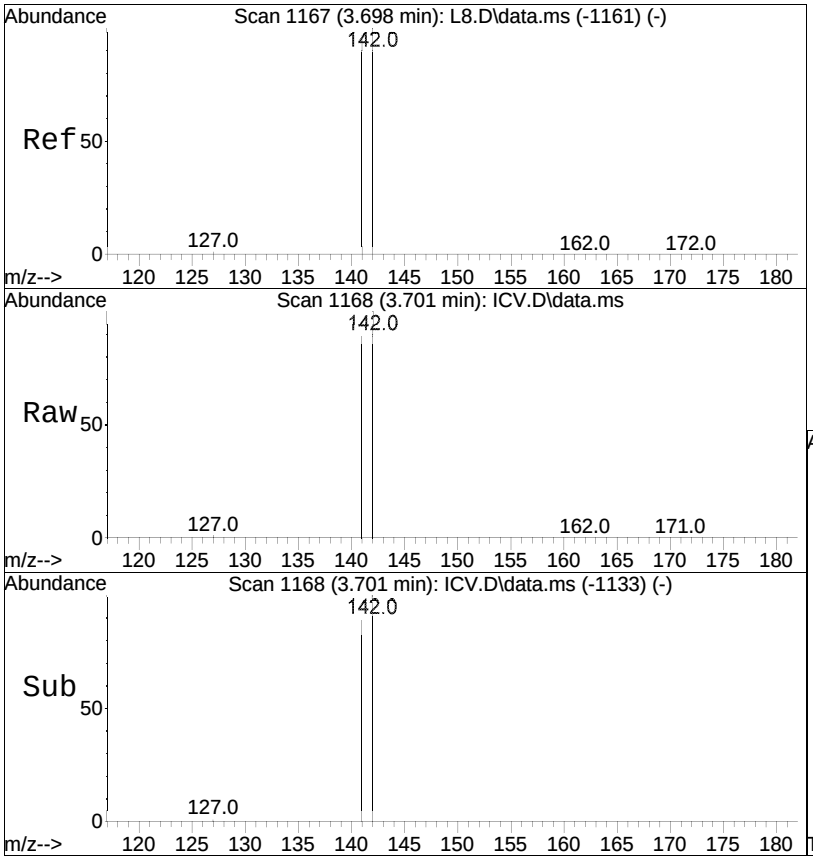


#12
2-Methylnaphthalene
Concen: 1055.54 ng/ml
RT: 3.640 min Scan# 1147
Delta R.T. 0.000 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:142 Resp: 220160

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.7	112.1

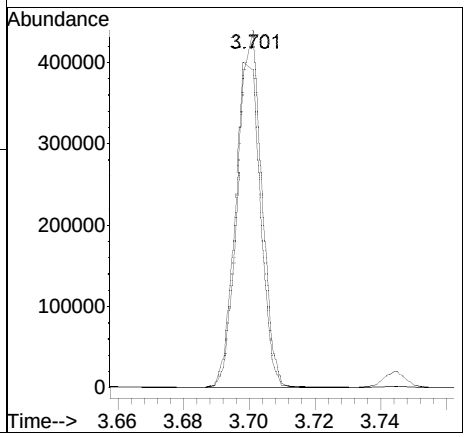


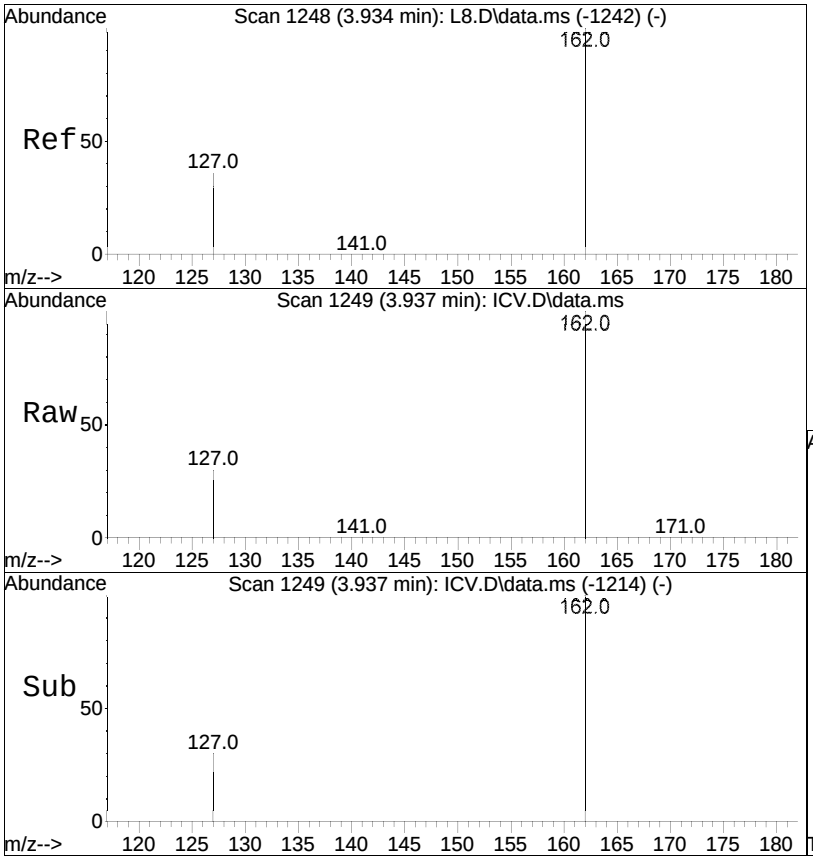


#13
1-Methylnaphthalene
Concen: 1039.32 ng/ml
RT: 3.701 min Scan# 1168
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:142 Resp: 221050

Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.9	115.3

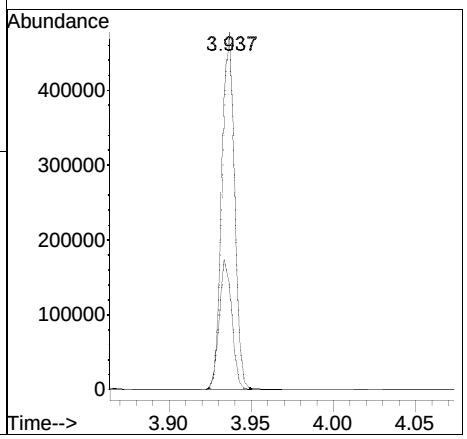


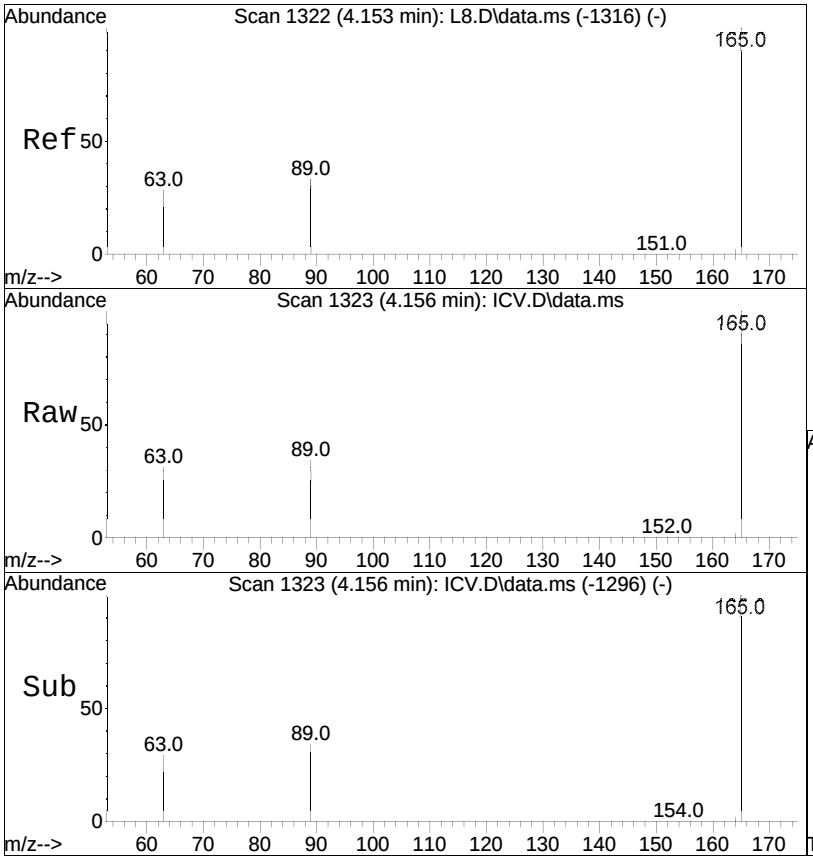


#15
2-Chloronaphthalene
Concen: 1046.59 ng/ml
RT: 3.937 min Scan# 1249
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:162 Resp: 250131

Ion	Ratio	Lower	Upper
162	100		
127	36.5	31.0	46.6

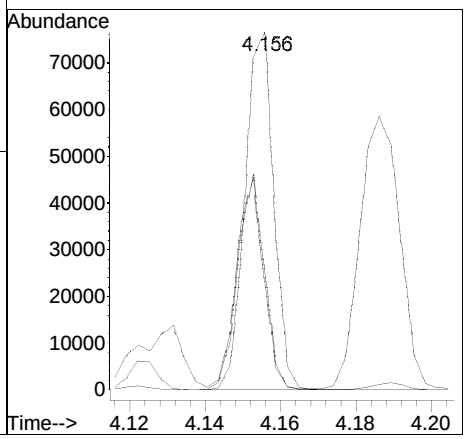


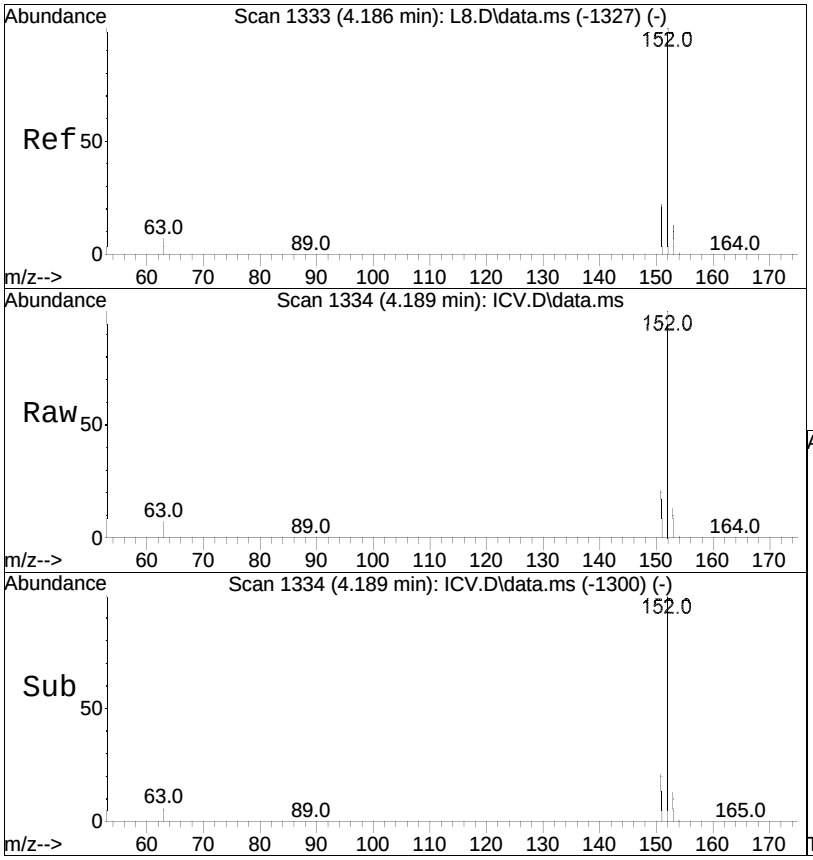


#16
2,6-Dinitrotoluene
Concen: 968.49 ng/ml
RT: 4.156 min Scan# 1323
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:165 Resp: 40273

Ion	Ratio	Lower	Upper
165	100		
89	56.3	46.7	70.1
63	55.6	48.6	72.8

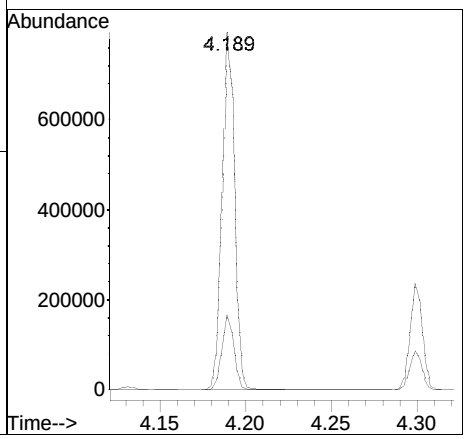


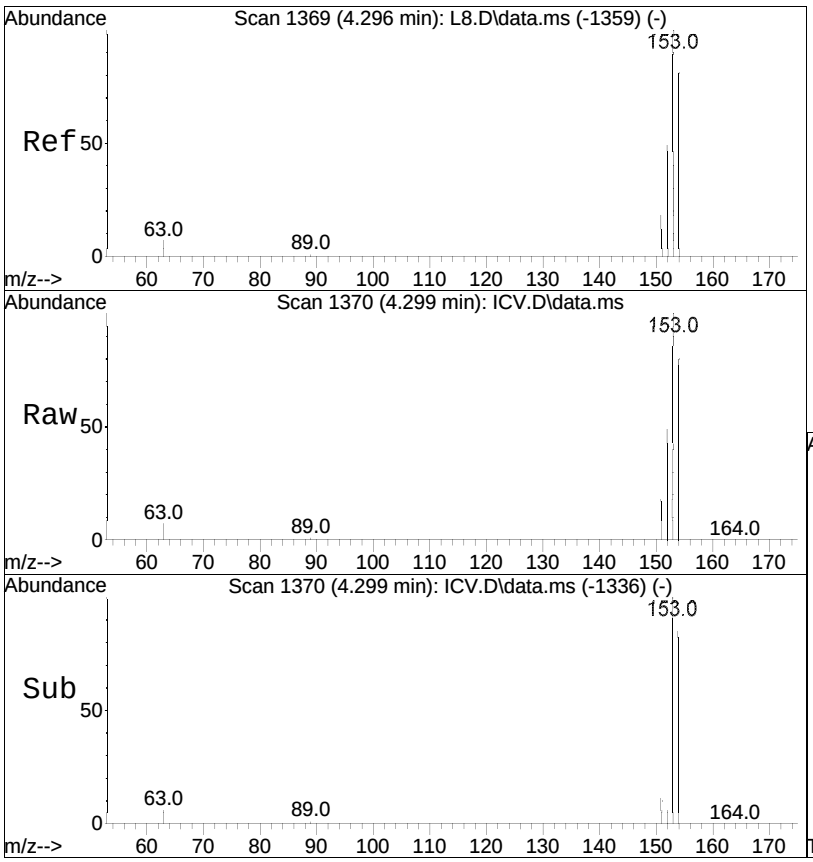


#17
Acenaphthylene
Concen: 1126.64 ng/ml
RT: 4.189 min Scan# 1334
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:152 Resp: 400071

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6

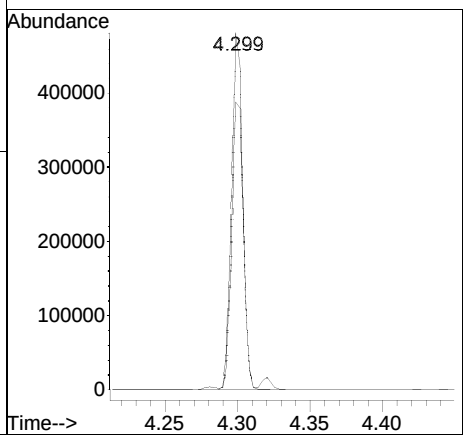


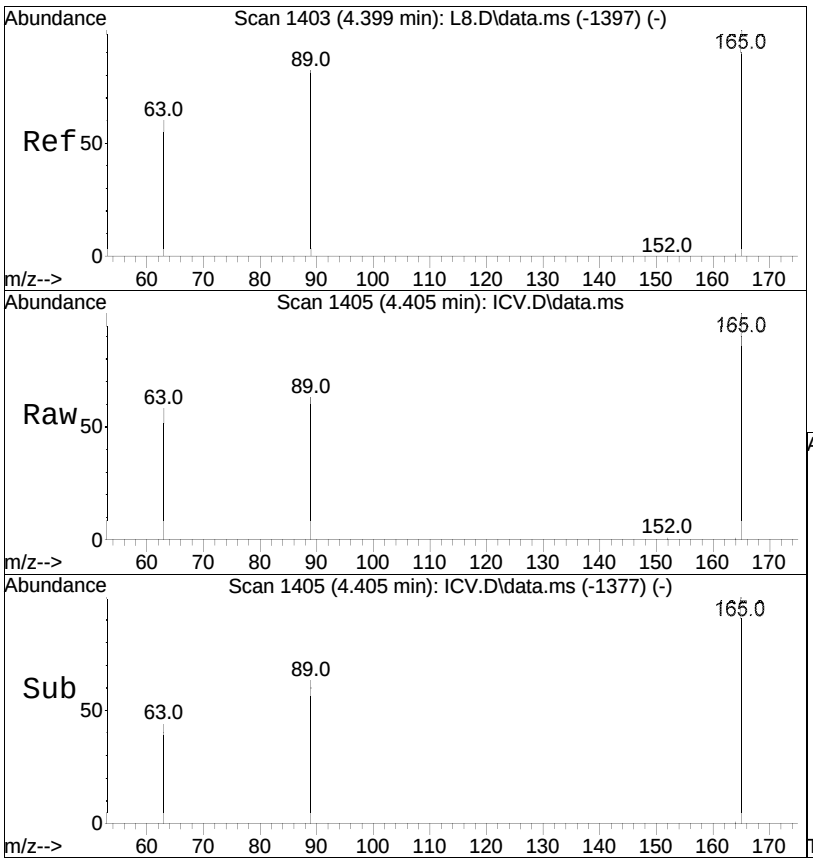


#19
Acenaphthene
Concen: 1020.35 ng/ml
RT: 4.299 min Scan# 1370
Delta R.T. 0.003 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:153 Resp: 250722

Ion	Ratio	Lower	Upper
153	100		
154	83.8	67.6	101.4

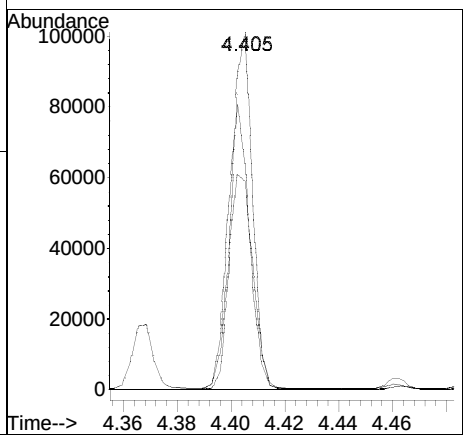


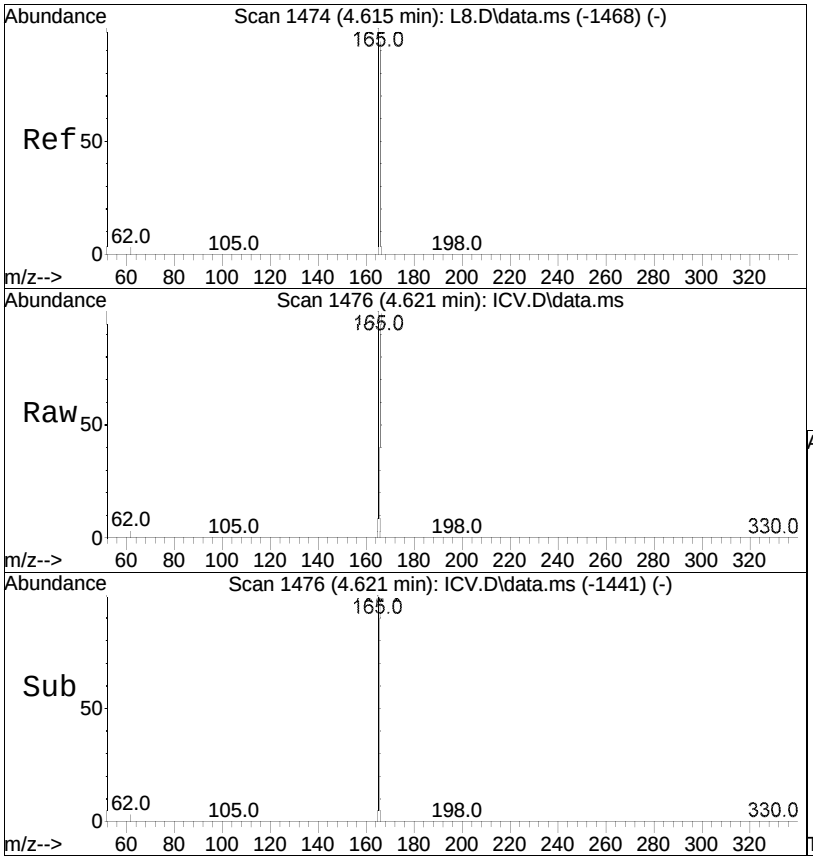


#20
2,4-Dinitrotoluene
Concen: 902.07 ng/ml
RT: 4.405 min Scan# 1405
Delta R.T. 0.006 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:165 Resp: 52775

Ion	Ratio	Lower	Upper
165	100		
89	86.2	71.9	107.9
63	74.2	64.1	96.1

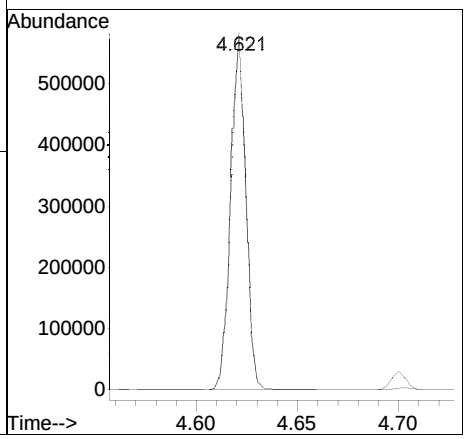


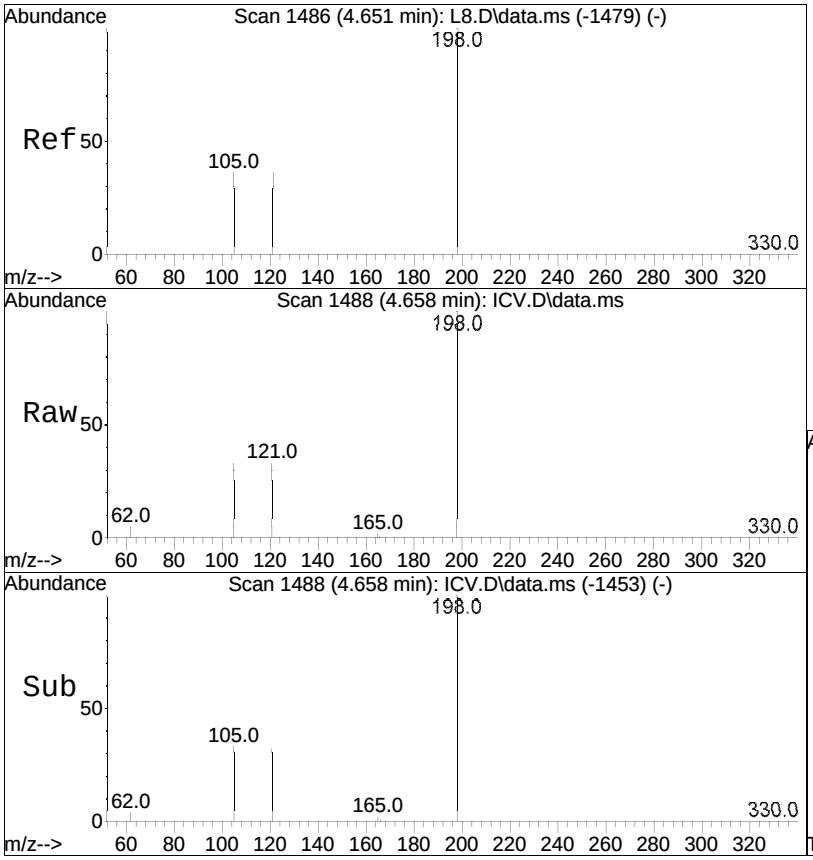


#21
Fluorene
Concen: 1064.81 ng/ml
RT: 4.621 min Scan# 1476
Delta R.T. 0.006 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:166 Resp: 298402

Ion	Ratio	Lower	Upper
166	100		
165	101.5	82.5	123.7

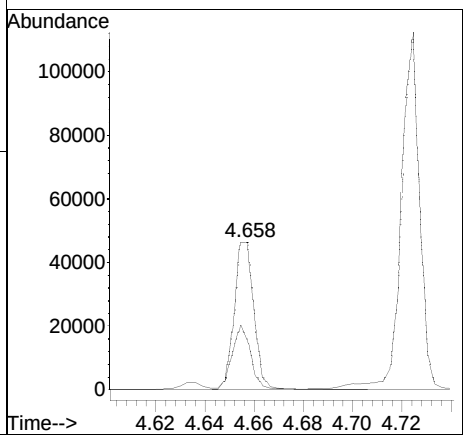


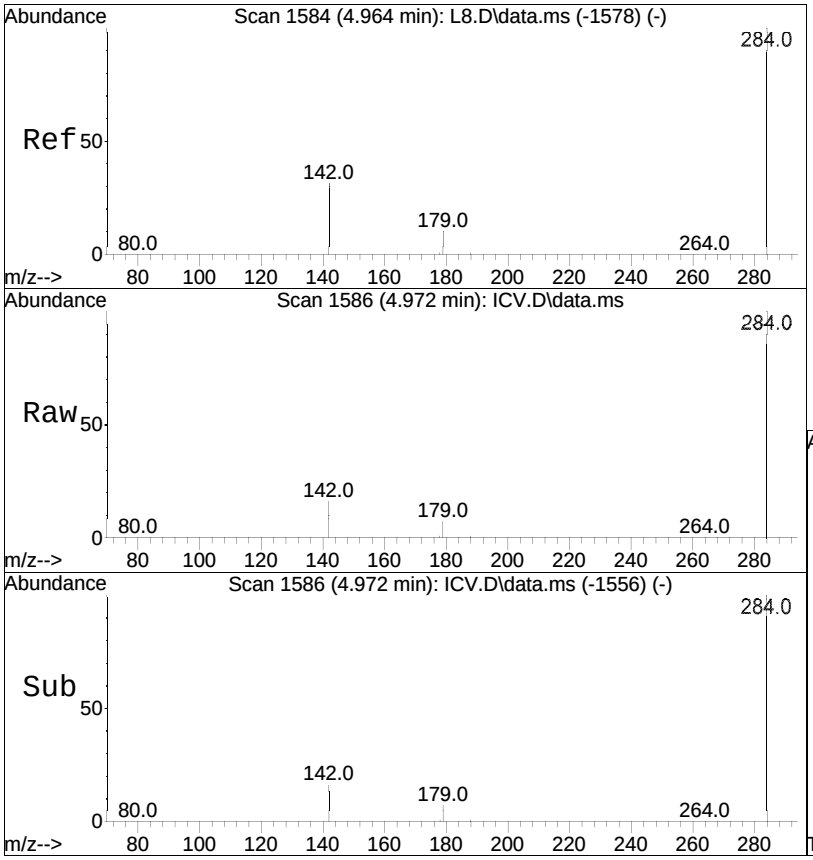


#24
4,6-Dinitro-o-cresol
Concen: 872.15 ng/ml
RT: 4.658 min Scan# 1488
Delta R.T. 0.007 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:198 Resp: 25844

Ion	Ratio	Lower	Upper
198	100		
105	39.5	35.2	52.8

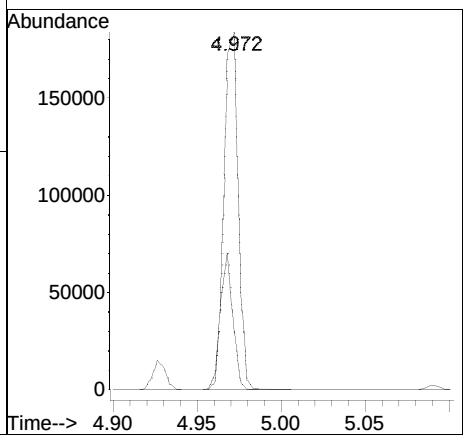


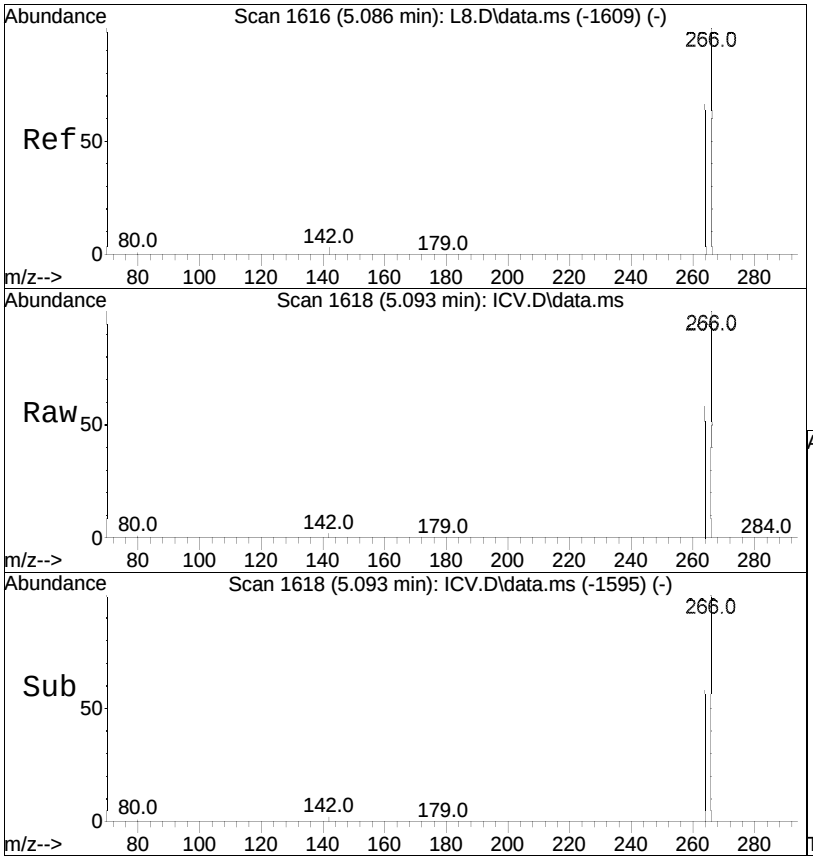


#25
Hexachlorobenzene
Concen: 1032.78 ng/ml
RT: 4.972 min Scan# 1586
Delta R.T. 0.008 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:284 Resp: 105986

Ion	Ratio	Lower	Upper
284	100		
142	33.9	29.9	44.9

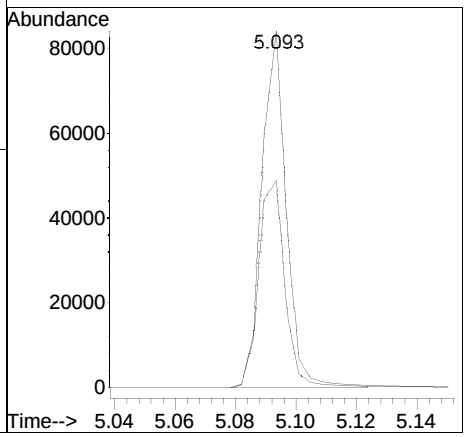


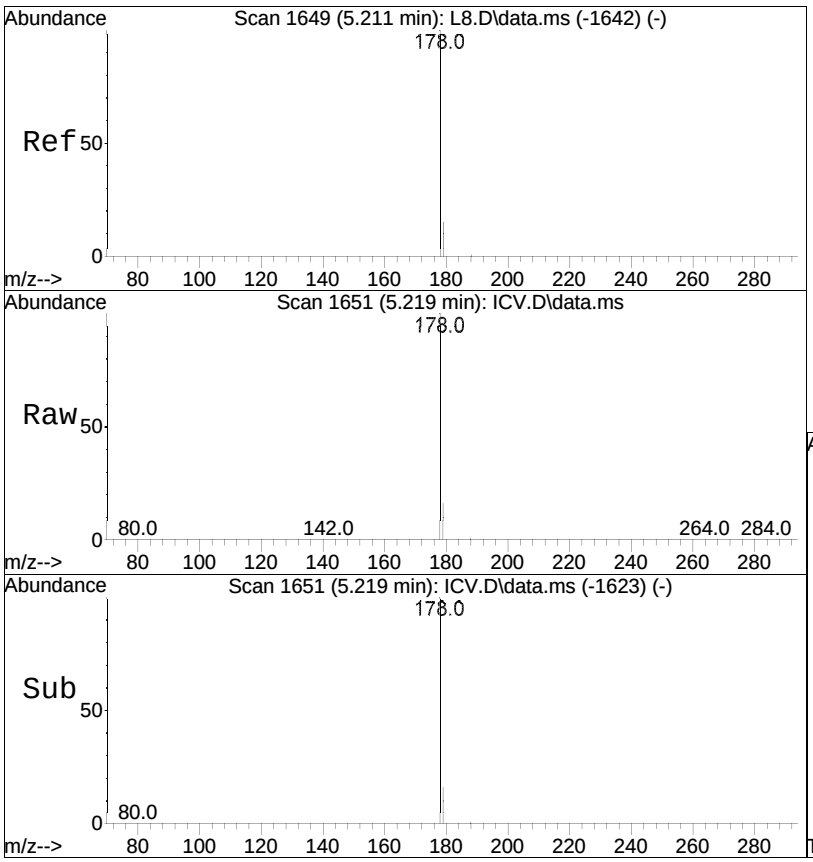


#26
Pentachlorophenol
Concen: 998.82 ng/ml
RT: 5.093 min Scan# 1618
Delta R.T. 0.007 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:266 Resp: 46686

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.6	75.8

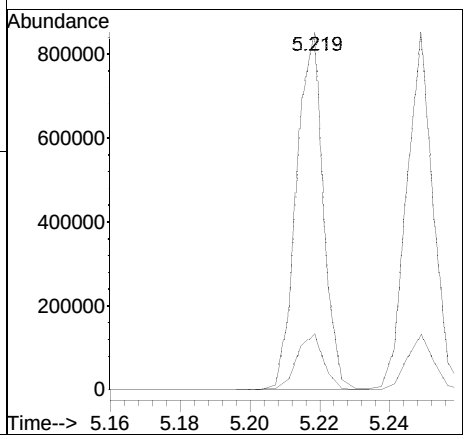


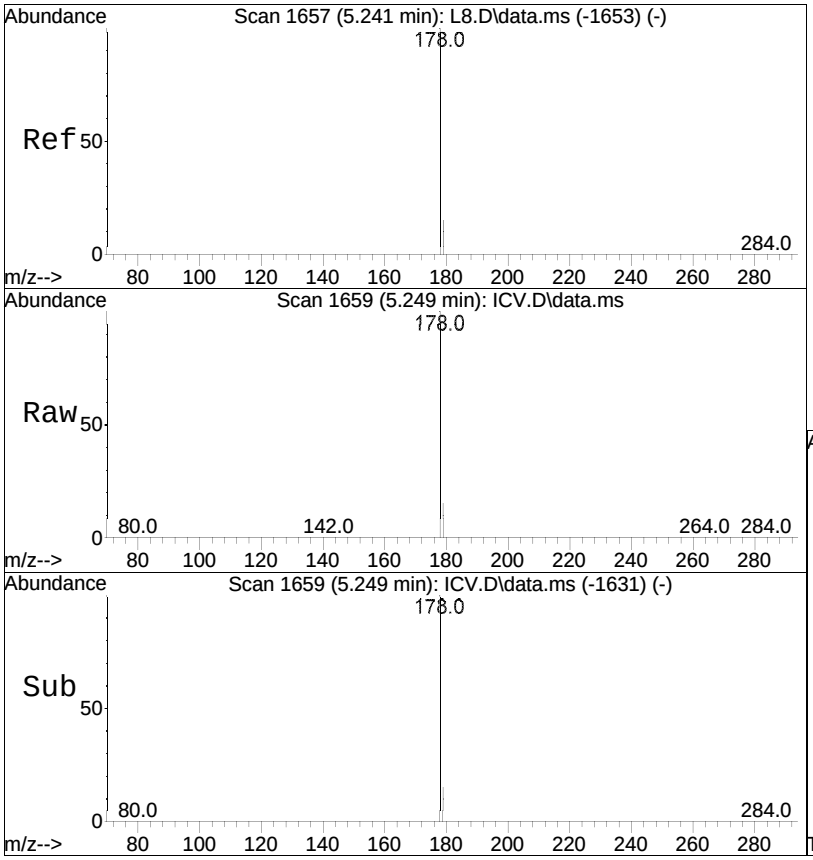


#27
Phenanthrene
Concen: 1019.63 ng/ml
RT: 5.219 min Scan# 1651
Delta R.T. 0.008 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:178 Resp: 455809

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7

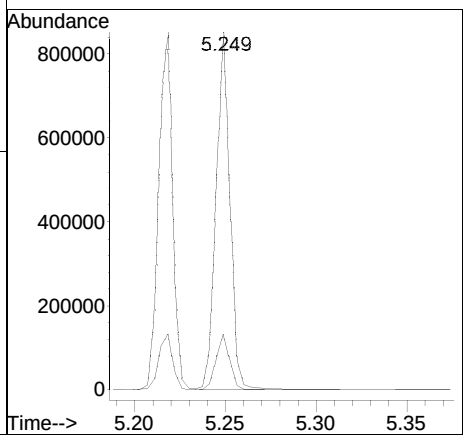


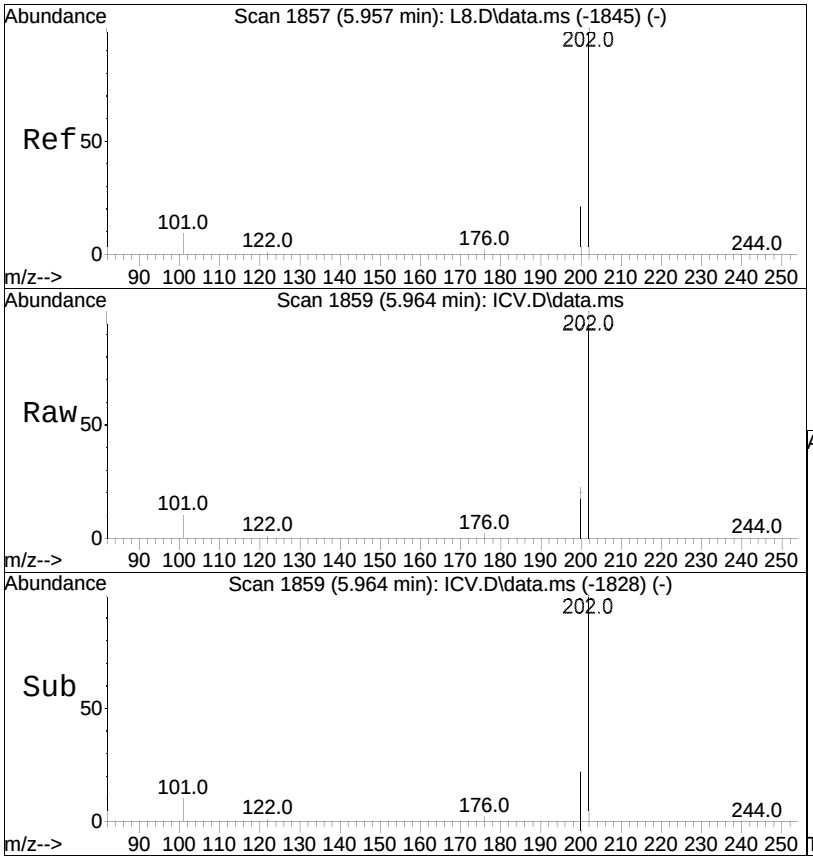


#28
Anthracene
Concen: 1042.47 ng/ml
RT: 5.249 min Scan# 1659
Delta R.T. 0.008 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:178 Resp: 452106

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2

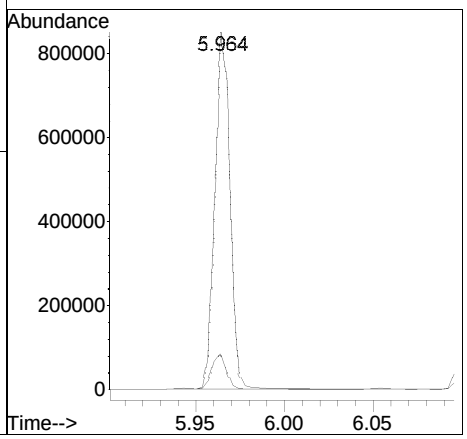


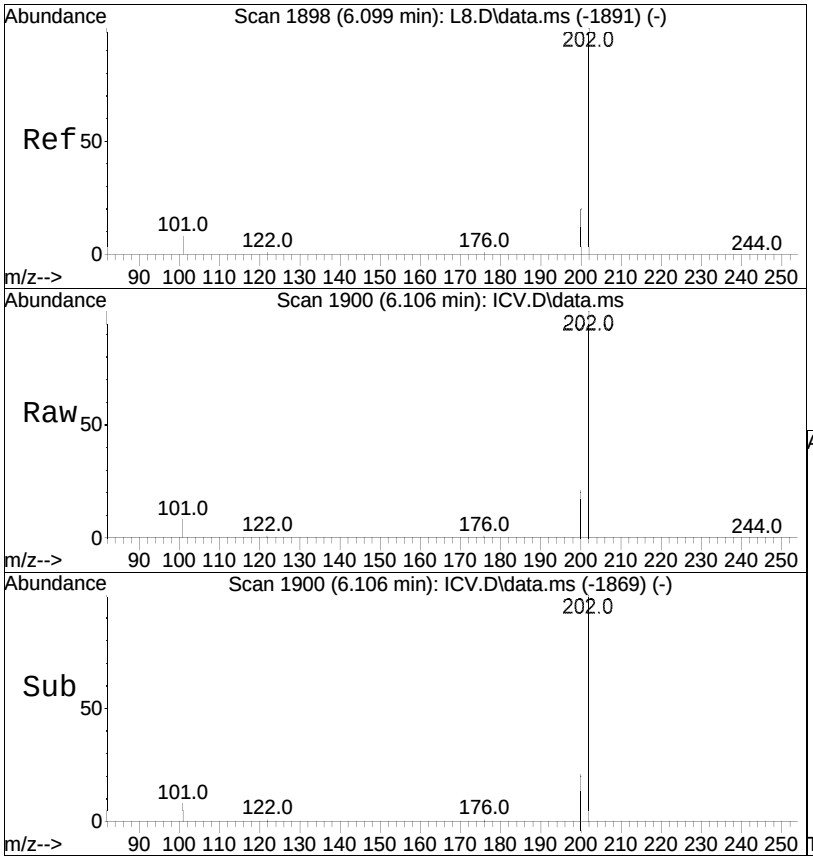


#29
Fluoranthene
Concen: 1041.45 ng/ml
RT: 5.964 min Scan# 1859
Delta R.T. 0.007 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:202 Resp: 492263

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.0	13.4

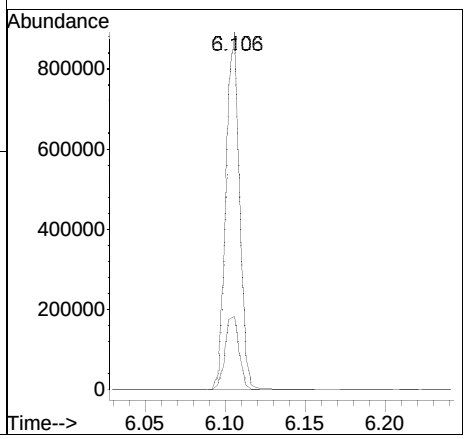


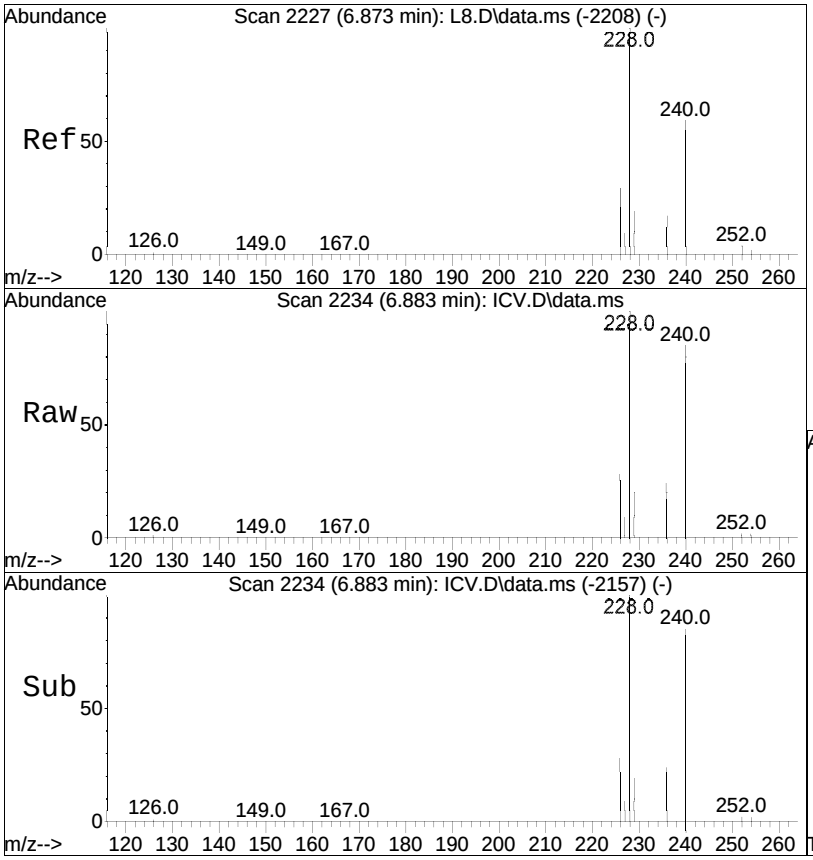


#30
Pyrene
Concen: 1055.72 ng/ml
RT: 6.106 min Scan# 1900
Delta R.T. 0.007 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:202 Resp: 513124

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6

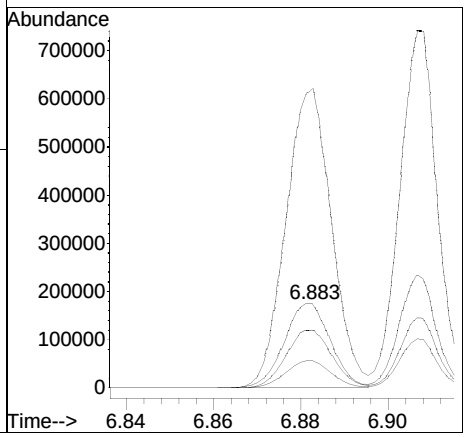


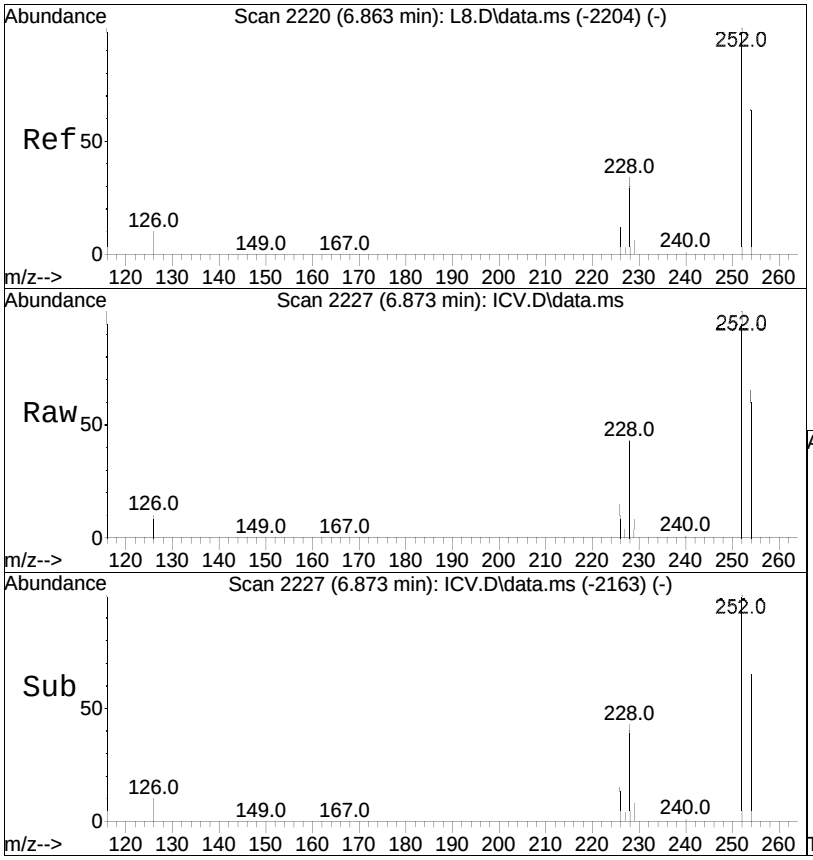


#33
Benzo[a]anthracene
Concen: 967.14 ng/ml
RT: 6.883 min Scan# 2234
Delta R.T. 0.010 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:226 Resp: 128904

Ion	Ratio	Lower	Upper
226	100		
227	31.4	25.4	38.0
228	348.8	283.4	425.0
229	68.3	55.4	83.2

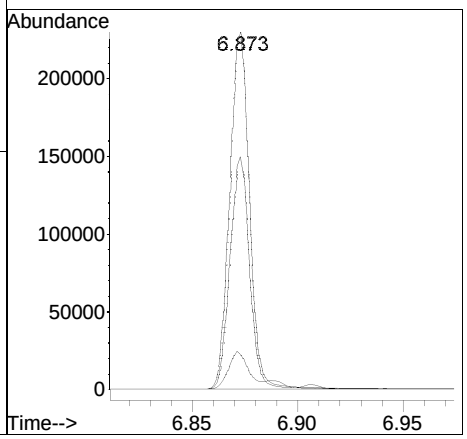


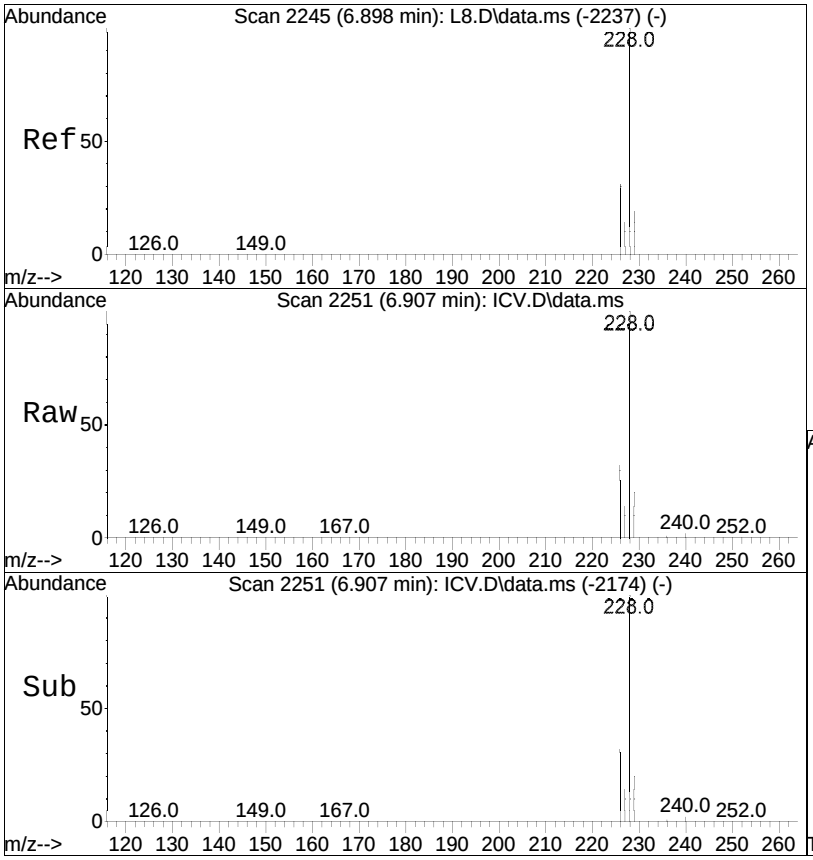


#34
3,3'-Dichlorobenzidine
Concen: 992.34 ng/ml
RT: 6.873 min Scan# 2227
Delta R.T. 0.010 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:252 Resp: 147418

Ion	Ratio	Lower	Upper
252	100		
126	11.2	9.2	13.8
254	64.4	51.8	77.8

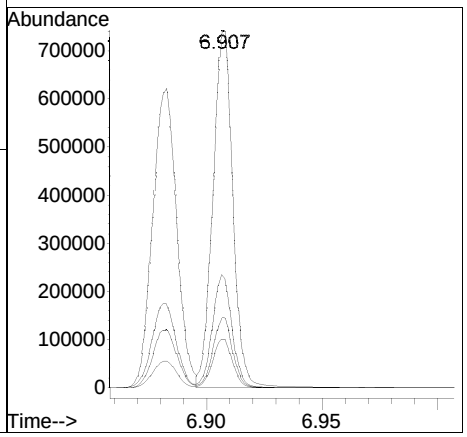


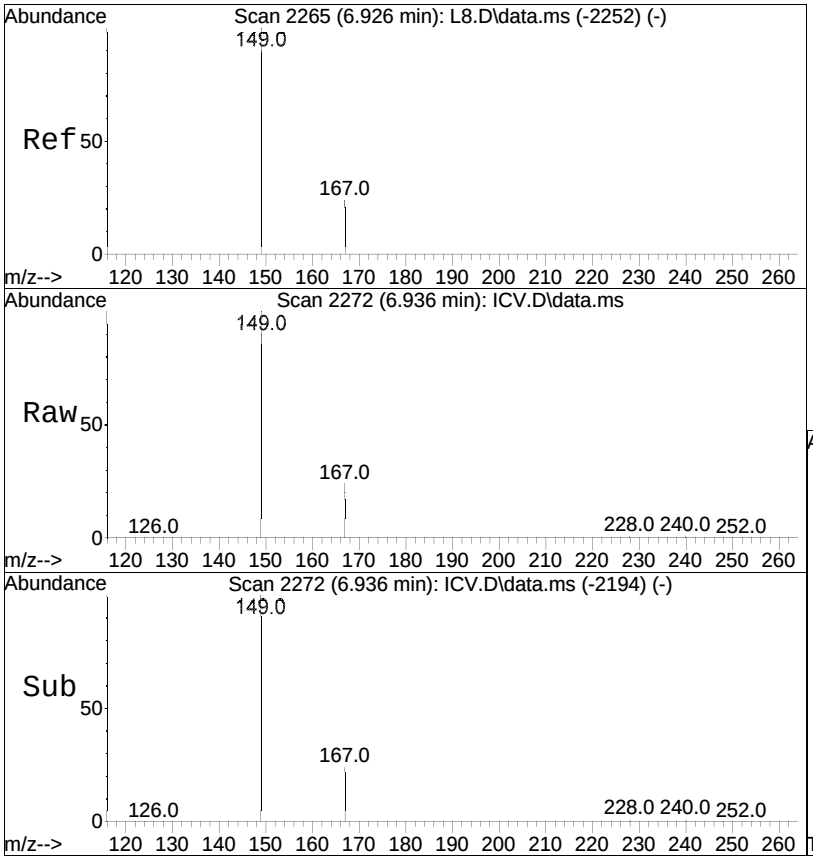


#35
Chrysene
Concen: 1020.09 ng/ml
RT: 6.907 min Scan# 2251
Delta R.T. 0.009 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:228 Resp: 444972

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
227	13.7	10.6	16.0
229	19.5	15.4	23.2

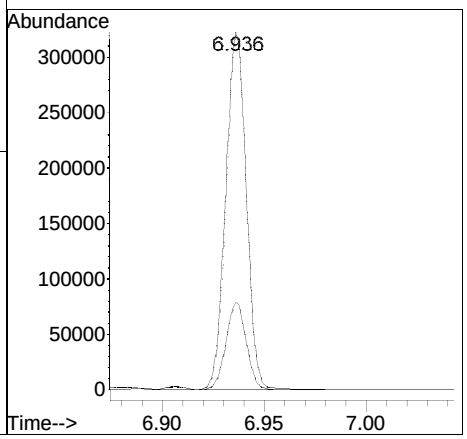


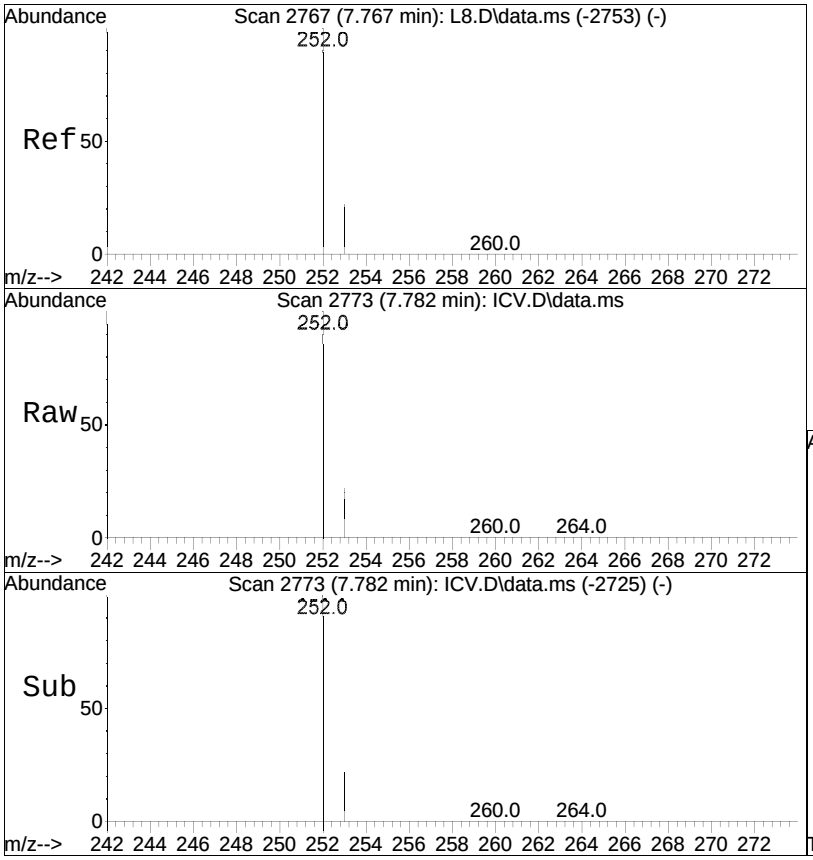


#36
Bis(2-ethylhexyl)phthalate
Concen: 914.26 ng/ml
RT: 6.936 min Scan# 2272
Delta R.T. 0.010 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:149 Resp: 220247

Ion	Ratio	Lower	Upper
149	100		
167	24.4	18.5	27.7

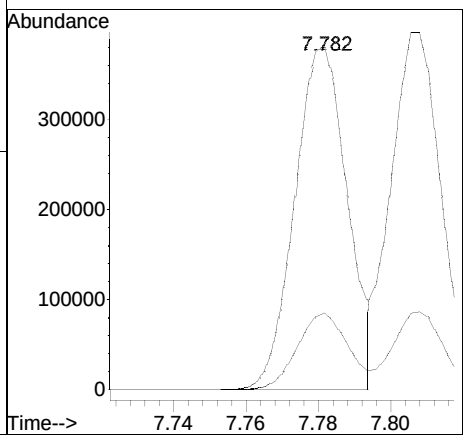


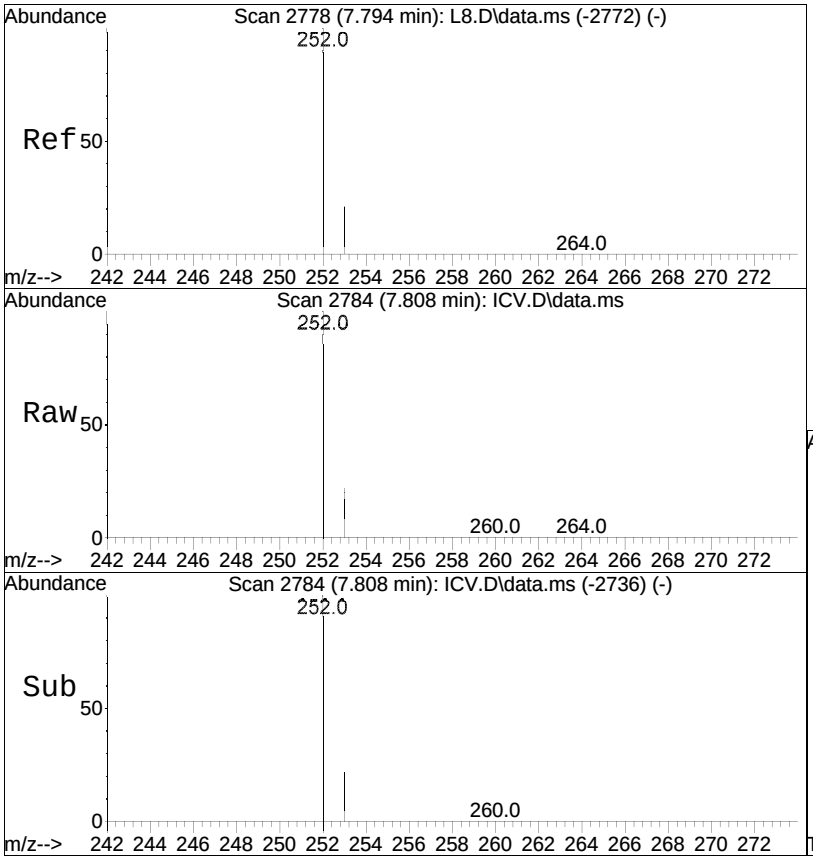


#38
Benzo[b]fluoranthene
Concen: 1041.81 ng/ml
RT: 7.782 min Scan# 2773
Delta R.T. 0.015 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:252 Resp: 383956

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9

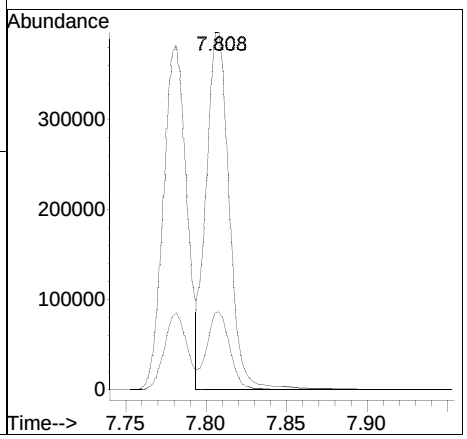


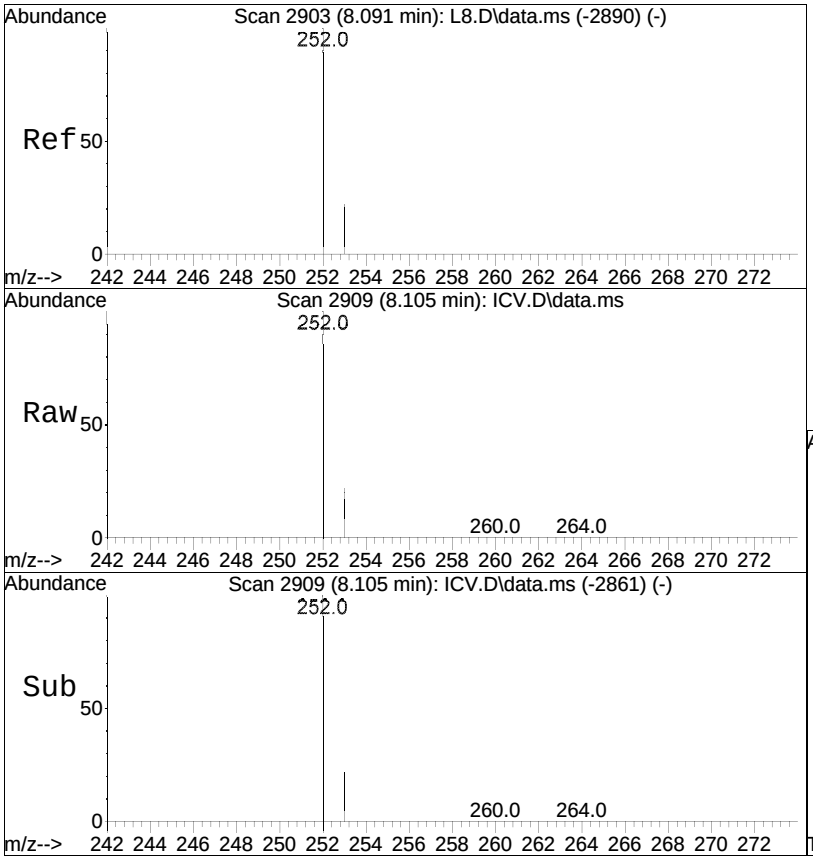


#39
Benzo[k]fluoranthene
Concen: 1053.14 ng/ml
RT: 7.808 min Scan# 2784
Delta R.T. 0.014 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:252 Resp: 392234

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2

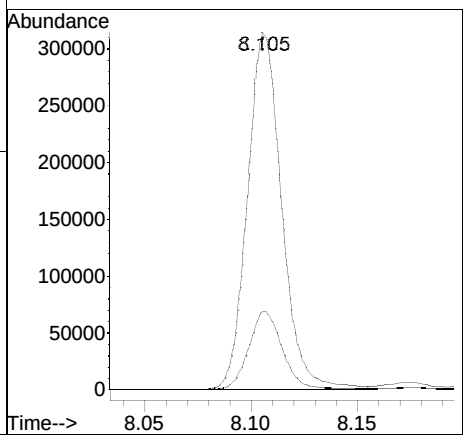


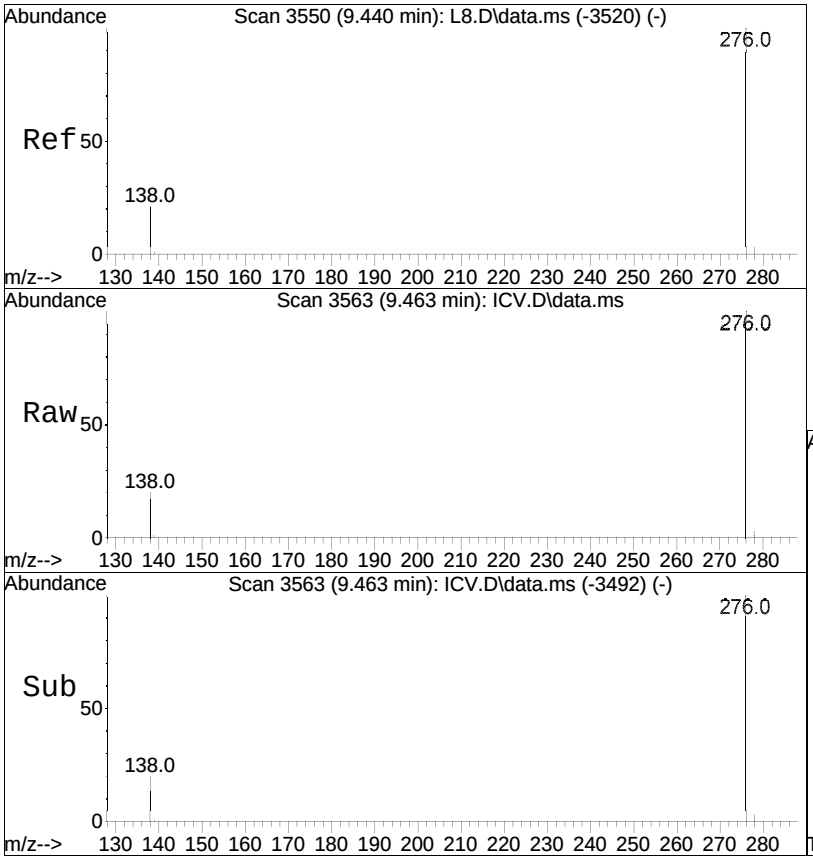


#40
Benzo[a]pyrene
Concen: 1077.68 ng/ml
RT: 8.105 min Scan# 2909
Delta R.T. 0.014 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:252 Resp: 347955

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0

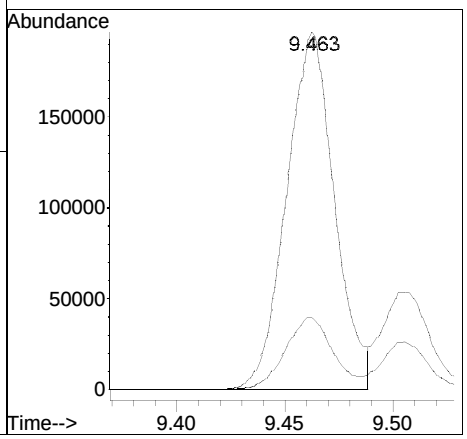


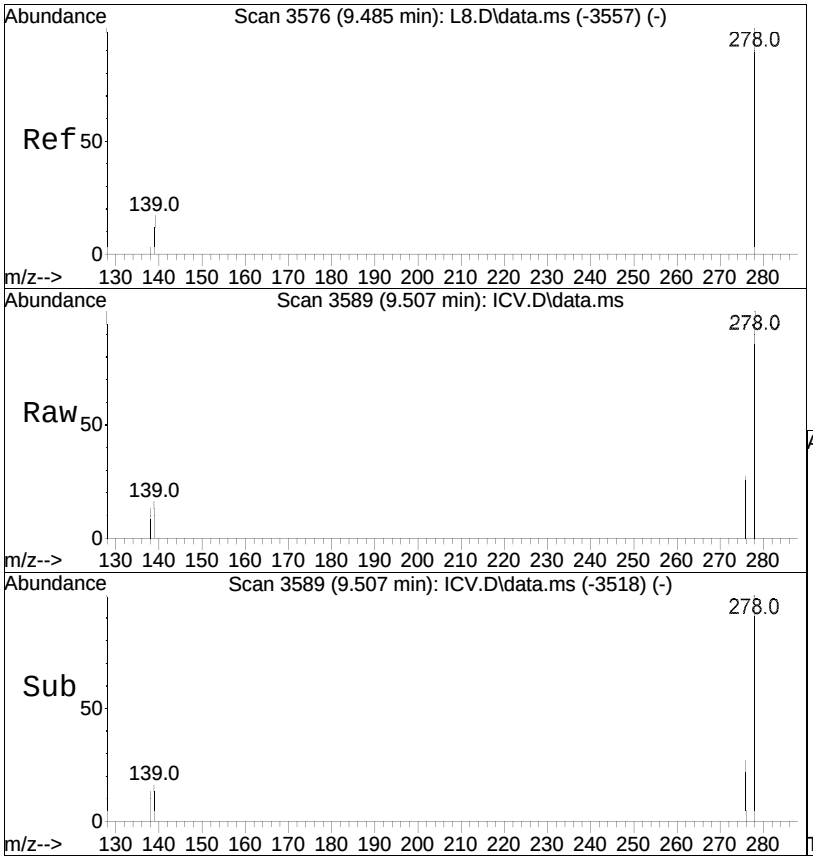


#41
Indeno[1,2,3-cd]pyrene
Concen: 1042.31 ng/ml
RT: 9.463 min Scan# 3563
Delta R.T. 0.023 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:276 Resp: 300480

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.6	28.0

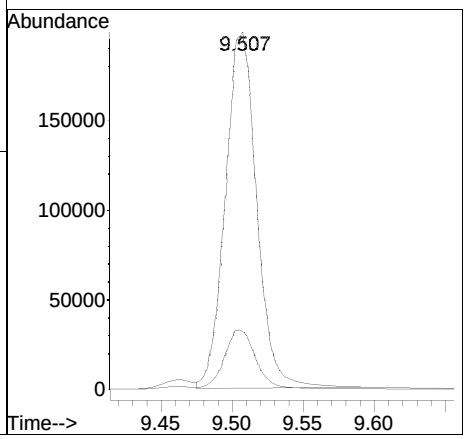


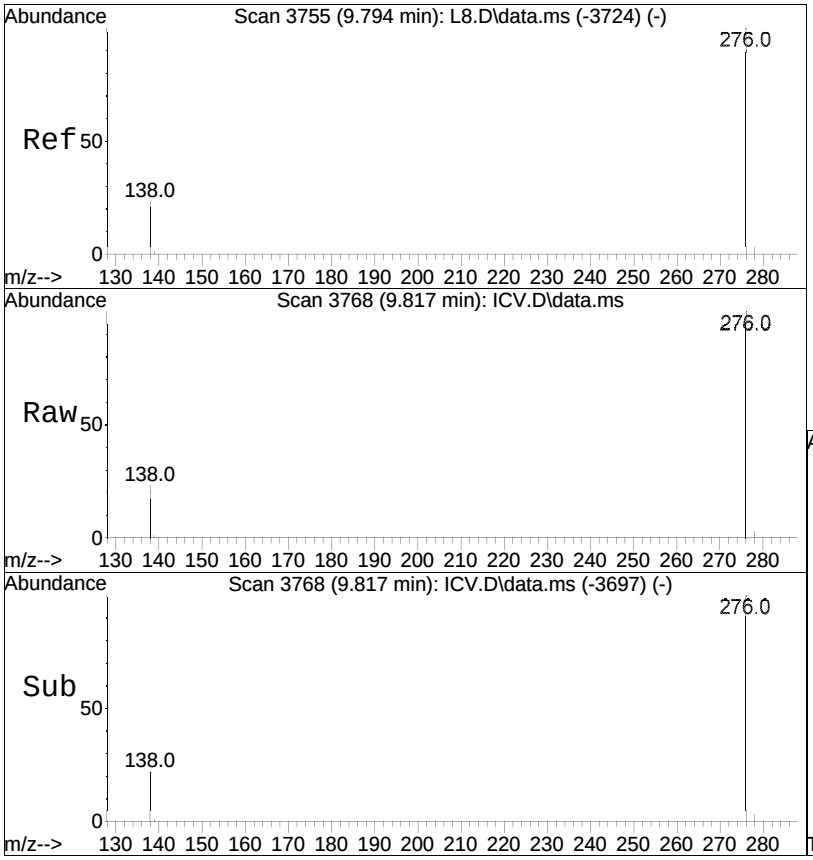


#42
Dibenzo[a,h]anthracene
Concen: 1088.45 ng/ml
RT: 9.507 min Scan# 3589
Delta R.T. 0.022 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:278 Resp: 302752

Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.2	22.8

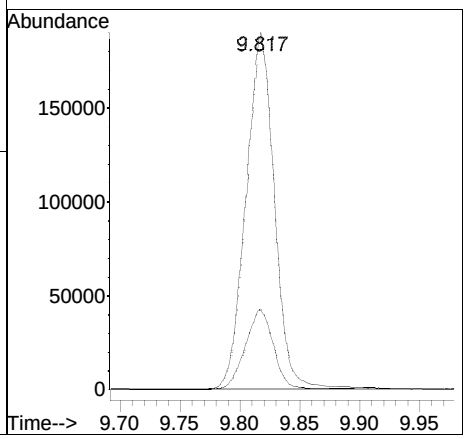




#43
Benzo[g,h,i]perylene
Concen: 1028.50 ng/ml
RT: 9.817 min Scan# 3768
Delta R.T. 0.023 min
Lab File: ICV.D
Acq: 13 Dec 2025 09:47 pm

Tgt Ion:276 Resp: 308877

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.6	31.0



Manual Integration Report

Data Path	: I:\8270SIM\SV118\251213RVTQ	Method	: SIM-RVT_251213sv118.M
Data File	: ICV.D	Operator	: SV118:mrg
Date Inj'd	: 12/13/2025 9:47 pm	Instrument	: SV118
Sample	: CQICV,32,,#12034 1000 ng/m	Quant Date	: 12/17/2025 4:46 pm

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

Evaluate Relative Error Report SV118

Method Path : I:\8270SIM\SV118\251213RVTical\
Method File : SIM-RVT_251213sv118.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Dec 17 16:45:51 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
20 T	2,4-Dinitrotoluene	Q	ng/ml	1000.0	1002.074	0.2	40.00	44.240	10.6
24 T	4,6-Dinitro-o-cresol	Q	ng/ml	1000.0	1004.578	0.5	40.00	44.042	10.1
26 T	Pentachlorophenol	Q	ng/ml	1000.0	1024.800	2.5	10.00	15.021	50.2
36 T	Bis(2-ethylhexyl)phthalate	Q	ng/ml	1000.0	994.156	-0.6	40.00	45.018	12.5

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
20 T	2,4-Dinitrotoluene	Quadratic	0.999130	0.044558	0.317043	-0.0014196
24 T	4,6-Dinitro-o-cresol	Quadratic	0.999406	0.017542	0.0737749	-0.000378351
26 T	Pentachlorophenol	Quadratic	0.997993	0.023594	0.115025	-0.000312305
36 T	Bis(2-ethylhexyl)phthalate	Quadratic	0.999149	0.249873	0.708312	-0.0029601

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV118		Calibration Date	: 04/03/26 09:57	
Lab File ID	: CCV0403A		Init. Calib. Date(s)	: 12/13/25	12/13/25
Sample No	: WG2193570-3		Init. Calib. Times	: 18:55	21:29
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.01	0	20	102	0
N-Nitrosodimethylamine	0.626	0.73	.01	-16.6	20	112	0
2-Fluorophenol	0.98	1.024	.01	-4.5	20	103	0
Phenol-d6	1.179	1.291	.01	-9.5	20	106	0
Bis(2-chloroethyl)ether	1.11	1.201	.01	-8.2	20	108	0
n-nitrosodi-n-propylamine	0.71	0.849	.01	-19.6	20	114	0
Hexachloroethane	0.505	0.552	.01	-9.3	20	109	0
Nitrobenzene-d5	0.909	1.223	.01	-34.5*	20	127	0
Naphthalene-d8	1	1	.01	0	20	108	0
Naphthalene	1.028	0.989	.01	3.8	20	103	0
Hexachlorobutadiene	0.206	0.19	.01	7.8	20	98	0
2-Methylnaphthalene	0.635	0.661	.01	-4.1	20	108	0
1-Methylnaphthalene	0.648	0.622	.01	4	20	101	0
2-Fluorobiphenyl	0.851	0.804	.01	5.5	20	99	0
2-Chloronaphthalene	0.728	0.679	.01	6.7	20	97	0
2,6-Dinitrotoluene	0.127	0.149	.01	-17.3	20	118	0
Acenaphthylene	1.082	1.112	.01	-2.8	20	101	0
Acenaphthene-d10	1	1	.01	0	20	112	0
Acenaphthene	1.347	1.236	.01	8.2	20	101	0
2,4-Dinitrotoluene	1000	1127.07	.01	-12.7	20	127	0
Fluorene	1.537	1.395	.01	9.2	20	97	0
2,4,6-Tribromophenol	0.199	0.232	.01	-16.6	20	114	0
Phenanthrene-d10	1	1	.01	0	20	106	0
4,6-Dinitro-o-cresol	1000	1204.678	.01	-20.5*	20	129	0
Hexachlorobenzene	0.263	0.248	.01	5.7	20	98	0
Pentachlorophenol	1000	1104.363	.01	-10.4	20	115	0
Phenanthrene	1.144	1	.01	12.6	20	92	0
Anthracene	1.11	1.029	.01	7.3	20	94	0
Fluoranthene	1.21	1.118	.01	7.6	20	94	0
Pyrene	1.244	1.151	.01	7.5	20	94	0
4-Terphenyl-d14	0.771	0.764	.01	0.9	20	103	0
Chrysene-d12	1	1	.01	0	20	100	0
Benzo[a]anthracene	0.416	0.372	.01	10.6	20	92	0
3,3'-Dichlorobenzidine	0.464	0.455	.01	1.9	20	92	0
Chrysene	1.363	1.276	.01	6.4	20	92	0
Bis(2-ethylhexyl)phthalate	1000	945.604	.01	5.4	20	95	0
Perylene-d12	1	1	.01	0	20	104	0
Benzo[b]fluoranthene	1.29	1.208	.01	6.4	20	94	0
Benzo[k]fluoranthene	1.304	1.239	.01	5	20	93	0
Benzo[a]pyrene	1.13	1.089	.01	3.6	20	93	0
Indeno[1,2,3-cd]pyrene	1.009	0.924	.01	8.4	20	90	0
Dibenzo[a,h]anthracene	0.974	0.961	.01	1.3	20	94	0
Benzo[g,h,i]perylene	1.051	1.002	.01	4.7	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV125		Calibration Date	: 04/03/26 10:21	
Lab File ID	: CCV0403A		Init. Calib. Date(s)	: 11/20/25	11/20/25
Sample No	: WG2193582-3		Init. Calib. Times	: 16:30	19:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	72	0
N-Nitrosodimethylamine	0.699	0.668	.05	4.4	20	67	0
2-Fluorophenol	1.077	1.009	.05	6.3	20	69	0
Phenol-d6	1.328	1.231	.05	7.3	20	66	0
Bis(2-chloroethyl)ether	1.109	1.066	.05	3.9	20	69	0
n-nitrosodi-n-propylamine	0.833	0.78	.05	6.4	20	67	0
Hexachloroethane	0.487	0.511	.05	-4.9	20	75	0
Nitrobenzene-d5	1.18	1.11	.05	5.9	20	67	0
Naphthalene-d8	1	1	.05	0	20	75	0
Naphthalene	1.059	0.991	.05	6.4	20	72	0
Hexachlorobutadiene	0.216	0.205	.05	5.1	20	70	0
2-Methylnaphthalene	0.658	0.663	.05	-0.8	20	76	0
1-Methylnaphthalene	0.67	0.64	.05	4.5	20	72	0
2-Fluorobiphenyl	0.866	0.869	.05	-0.3	20	77	0
2-Chloronaphthalene	0.747	0.739	.05	1.1	20	74	0
2,6-Dinitrotoluene	0.161	0.177	.05	-9.9	20	82	0
Acenaphthylene	1.181	1.199	.05	-1.5	20	76	0
Acenaphthene-d10	1	1	.05	0	20	80	0
Acenaphthene	1.35	1.255	.05	7	20	73	0
2,4-Dinitrotoluene	0.391	0.416	.05	-6.4	20	83	0
Fluorene	1.572	1.421	.05	9.6	20	73	0
2,4,6-Tribromophenol	0.22	0.25	.05	-13.6	20	87	0
Phenanthrene-d10	1	1	.05	0	20	84	0
4,6-Dinitro-o-cresol	1000	1078.949	.05	-7.9	20	93	0
Hexachlorobenzene	0.263	0.239	.05	9.1	20	76	0
Pentachlorophenol	1000	1020.942	.05	-2.1	20	85	0
Phenanthrene	1.143	1.025	.05	10.3	20	75	0
Anthracene	1.145	1.021	.05	10.8	20	74	0
Fluoranthene	1.345	1.247	.05	7.3	20	78	0
Pyrene	1.39	1.255	.05	9.7	20	76	0
4-Terphenyl-d14	0.857	0.771	.05	10	20	81	0
Chrysene-d12	1	1	.05	0	20	81	0
Benzo[a]anthracene	1000	935.721	.05	6.4	20	78	0
3,3'-Dichlorobenzidine	0.495	0.534	.05	-7.9	20	86	0
Chrysene	1.338	1.318	.05	1.5	20	76	0
Bis(2-ethylhexyl)phthalate	0.808	0.887	.05	-9.8	20	91	0
Perylene-d12	1	1	.05	0	20	102	0
Benzo[b]fluoranthene	1.309	1.172	.05	10.5	20	91	0
Benzo[k]fluoranthene	1.313	1.192	.05	9.2	20	87	0
Benzo[a]pyrene	1.163	1.145	.05	1.5	20	95	0
Indeno[1,2,3-cd]pyrene	0.945	1.014	.05	-7.3	20	100	0
Dibenzo[a,h]anthracene	0.933	1.009	.05	-8.1	20	98	0
Benzo[g,h,i]perylene	1.01	1.048	.05	-3.8	20	98	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 09:57 am
Operator : sv118:slr
Sample : WG2193570-3,32,,ICV 12227 (0328g)
Misc : WG2193570,,ical22895
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 06 13:35:12 2026
Quant Method : I:\8270SIM\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:54 2026
Response via : Initial Calibration

Min. RRF : 0.010 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
2	T	N-Nitrosodimethylamine	0.626	0.730	-16.6	112	0.00
3	s	2-Fluorophenol	0.980	1.024	-4.5	103	0.00
4	s	Phenol-d6	1.179	1.291	-9.5	106	0.00
5	T	Bis(2-chloroethyl)ether	1.110	1.201	-8.2	108	0.00
6	T	n-nitrosodi-n-propylamine	0.710	0.849	-19.6	114	0.00
7	t	Hexachloroethane	0.505	0.552	-9.3	109	0.00
8	s	Nitrobenzene-d5	0.909	1.223	-34.5#	127	0.00
9	i	Naphthalene-d8	1.000	1.000	0.0	108	0.00
10	t	Naphthalene	1.028	0.989	3.8	103	0.00
11	t	Hexachlorobutadiene	0.206	0.190	7.8	98	0.00
12	t	2-Methylnaphthalene	0.635	0.661	-4.1	108	0.00
13	t	1-Methylnaphthalene	0.648	0.622	4.0	101	0.00
14	s	2-Fluorobiphenyl	0.851	0.804	5.5	99	0.00
15	t	2-Chloronaphthalene	0.728	0.679	6.7	97	0.00
16	t	2,6-Dinitrotoluene	0.127	0.149	-17.3	118	0.00
17	t	Acenaphthylene	1.082	1.112	-2.8	101	0.00
18	i	Acenaphthene-d10	1.000	1.000	0.0	112	0.00
19	t	Acenaphthene	1.347	1.236	8.2	101	0.00
20	t	2,4-Dinitrotoluene	*1000.000	1127.070	-12.7	127	0.00
21	t	Fluorene	1.537	1.395	9.2	97	0.00
22	s	2,4,6-Tribromophenol	0.199	0.232	-16.6	114	0.00
23	i	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
24	T	4,6-Dinitro-o-cresol	*1000.000	1204.678	-20.5#	129	0.00
25	t	Hexachlorobenzene	0.263	0.248	5.7	98	0.00
26	t	Pentachlorophenol	*1000.000	1104.363	-10.4	115	0.00
27	t	Phenanthrene	1.144	1.000	12.6	92	0.00
28	t	Anthracene	1.110	1.029	7.3	94	0.00
29	t	Fluoranthene	1.210	1.118	7.6	94	0.00
30	t	Pyrene	1.244	1.151	7.5	94	0.00
31	s	4-Terphenyl-d14	0.771	0.764	0.9	103	0.00
32	i	Chrysene-d12	1.000	1.000	0.0	100	0.00
33	t	Benzo[a]anthracene	0.416	0.372	10.6	92	0.00
34	t	3,3'-Dichlorobenzidine	0.464	0.455	1.9	92	0.00
35	t	Chrysene	1.363	1.276	6.4	92	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 09:57 am
Operator : sv118:slr
Sample : WG2193570-3,32,,ICV 12227 (0328g)
Misc : WG2193570,,ical22895
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 06 13:35:12 2026
Quant Method : I:\8270SIM\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:54 2026
Response via : Initial Calibration

Min. RRF : 0.010 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)
36	T	Bis(2-ethylhexyl)phthalate	*1000.000	945.604	5.4	95	0.00
37	i	Perylene-d12	1.000	1.000	0.0	104	0.00
38	t	Benzo[b]fluoranthene	1.290	1.208	6.4	94	0.00
39	t	Benzo[k]fluoranthene	1.304	1.239	5.0	93	0.00
40	t	Benzo[a]pyrene	1.130	1.089	3.6	93	0.00
41	t	Indeno[1,2,3-cd]pyrene	1.009	0.924	8.4	90	0.00
42	t	Dibenzo[a,h]anthracene	0.974	0.961	1.3	94	0.00
43	t	Benzo[g,h,i]perylene	1.051	1.002	4.7	93	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 09:57 am
Operator : sv118:slr
Sample : WG2193570-3,32,,ICV 12227 (0328g)
Misc : WG2193570,,ical22895
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 06 13:35:12 2026
Quant Method : I:\8270SIM\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:54 2026
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.568	152	366718	4000.000	ng/ml	0.00
9) Naphthalene-d8	3.271	136	1412383	4000.000	ng/ml	0.00
18) Acenaphthene-d10	4.307	164	811303	4000.000	ng/ml	0.00
23) Phenanthrene-d10	5.194	188	1627596	4000.000	ng/ml	0.00
32) Chrysene-d12	6.812	240	1244272	4000.000	ng/ml	0.00
37) Perylene-d12	8.044	264	1160895	4000.000	ng/ml	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	1.932	112	93862	1044.523	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 52.23%			
4) Phenol-d6	2.368	99	118383	1095.175	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 54.76%			
8) Nitrobenzene-d5	2.864	82	112115	1344.777	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 134.48%#			
14) 2-Fluorobiphenyl	3.905	172	283960	944.805	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 94.48%			
22) 2,4,6-Tribromophenol	4.777	330	47154	1170.297	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 58.51%			
31) 4-Terphenyl-d14	6.159	244	310973	991.463	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 99.15%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.395	74	66962	1166.718	ng/ml	92
5) Bis(2-chloroethyl)ether	2.423	93	110112	1081.905	ng/ml	91
6) n-nitrosodi-n-propylamine	2.779	70	77808	1195.835	ng/ml	96
7) Hexachloroethane	2.843	117	50562	1092.097	ng/ml	94
10) Naphthalene	3.282	128	349121	961.654	ng/ml	100
11) Hexachlorobutadiene	3.362	225	67144	924.777	ng/ml	100
12) 2-Methylnaphthalene	3.685	142	233282	1039.881	ng/ml	100
13) 1-Methylnaphthalene	3.745	142	219530	959.664	ng/ml	100
15) 2-Chloronaphthalene	3.974	162	239576	932.001	ng/ml	98
16) 2,6-Dinitrotoluene	4.180	165	52732	1179.024	ng/ml	91
17) Acenaphthylene	4.219	152	392723	1028.254	ng/ml	99
19) Acenaphthene	4.324	153	250658	917.220	ng/ml	100
20) 2,4-Dinitrotoluene	4.420	165	74194	1127.070	ng/ml	96
21) Fluorene	4.633	166	282843	907.510	ng/ml	100
24) 4,6-Dinitro-o-cresol	4.663	198	38137	1204.678	ng/ml	93
25) Hexachlorobenzene	4.968	284	101024	944.990	ng/ml	99
26) Pentachlorophenol	5.085	266	54107	1104.363	ng/ml	100
27) Phenanthrene	5.207	178	406848M6	873.645	ng/ml	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 09:57 am
Operator : sv118:slr
Sample : WG2193570-3,32,,ICV 12227 (0328g)
Misc : WG2193570,,ical22895
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 06 13:35:12 2026
Quant Method : I:\8270SIM\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:54 2026
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
28) Anthracene	5.235	178	418533	926.397	ng/ml	100
29) Fluoranthene	5.921	202	454718	923.474	ng/ml	99
30) Pyrene	6.057	202	468541	925.369	ng/ml	98
33) Benzo[a]anthracene	6.805	226	115782	894.037	ng/ml	96
34) 3,3'-Dichlorobenzidine	6.791	252	141470	980.094	ng/ml	99
35) Chrysene	6.830	228	396806	936.215	ng/ml	99
36) Bis(2-ethylhexyl)phtha...	6.839	149	222040	945.604	ng/ml	99
38) Benzo[b]fluoranthene	7.661	252	350451	936.088	ng/ml	97
39) Benzo[k]fluoranthene	7.687	252	359654	950.623	ng/ml	97
40) Benzo[a]pyrene	7.977	252	316165	963.972	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.290	276	268148	915.667	ng/ml	93
42) Dibenzo[a,h]anthracene	9.331	278	278778M6	986.655	ng/ml	
43) Benzo[g,h,i]perylene	9.636	276	290845	953.376	ng/ml	94

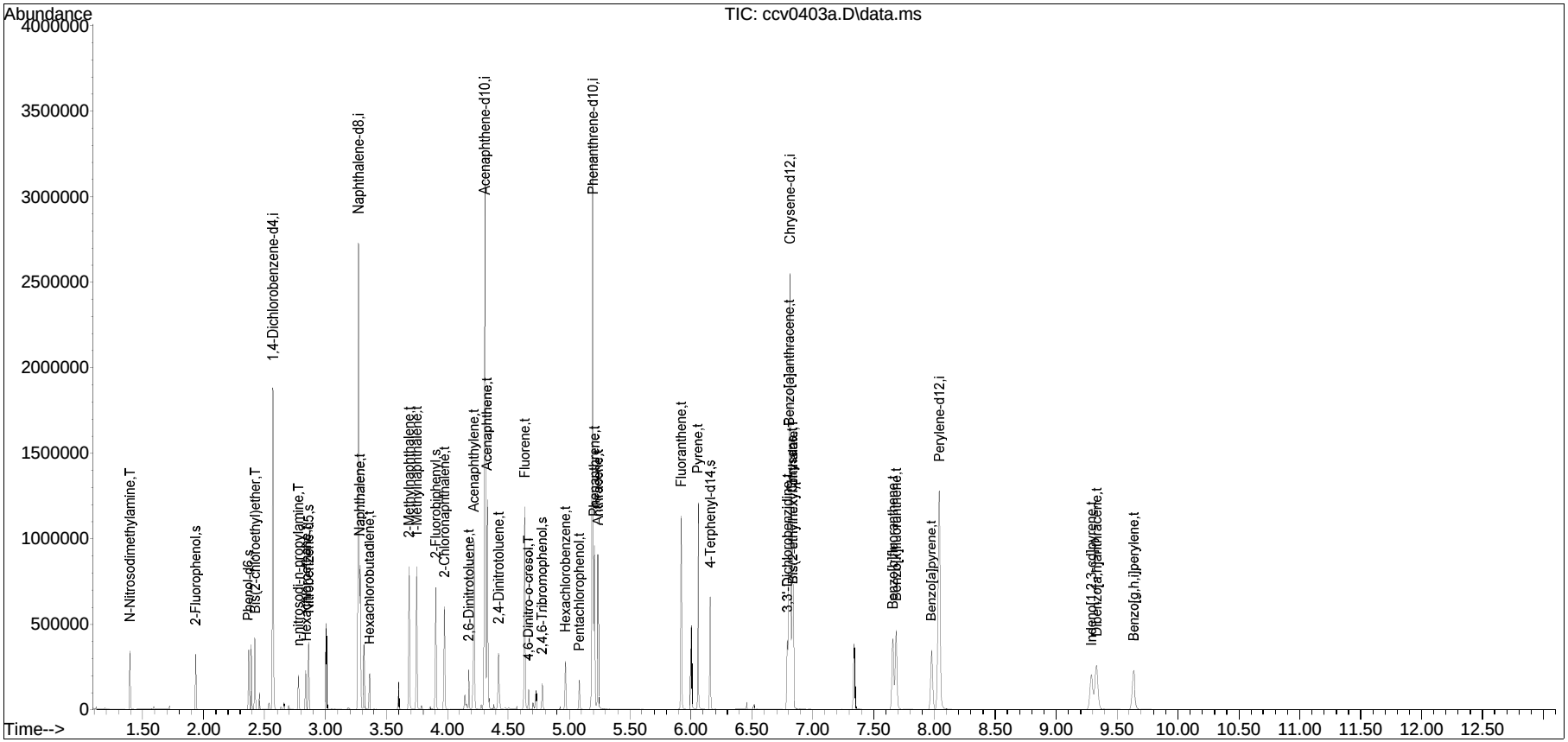
(#) = qualifier out of range (m) = manual integration (+) = signals summed

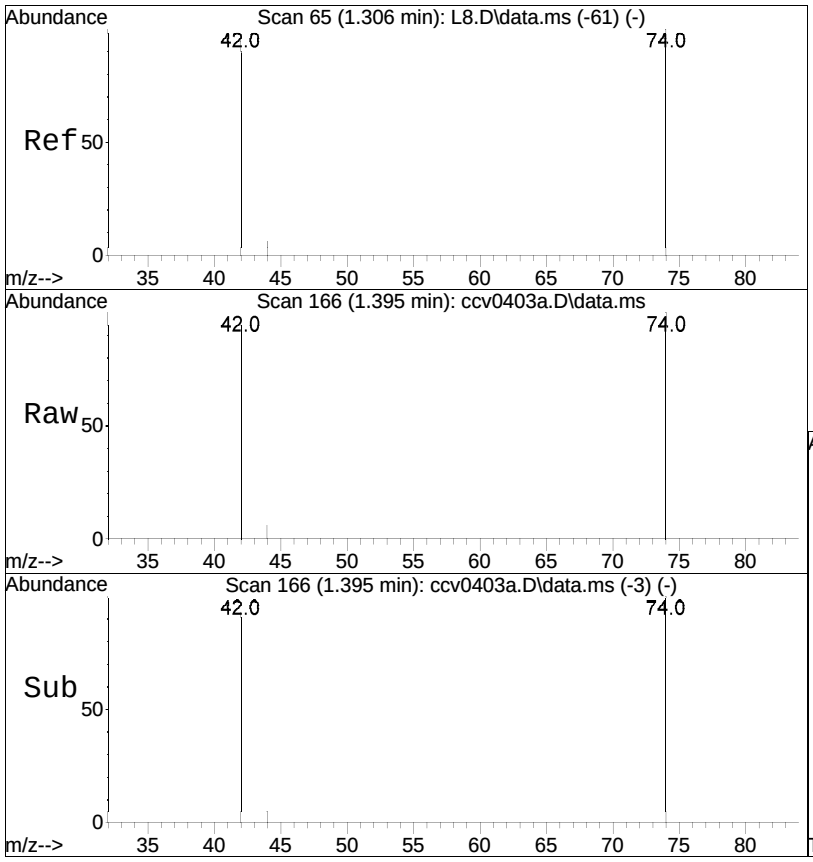
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 09:57 am
Operator : sv118:slr
Sample : WG2193570-3,32,,ICV 12227 (0328g)
Misc : WG2193570,,ical22895
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 06 13:35:12 2026
Quant Method : I:\8270SIM\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:54 2026
Response via : Initial Calibration

Sub List : Default - All compounds listed

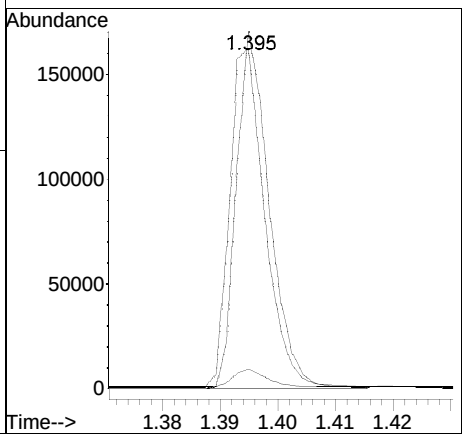


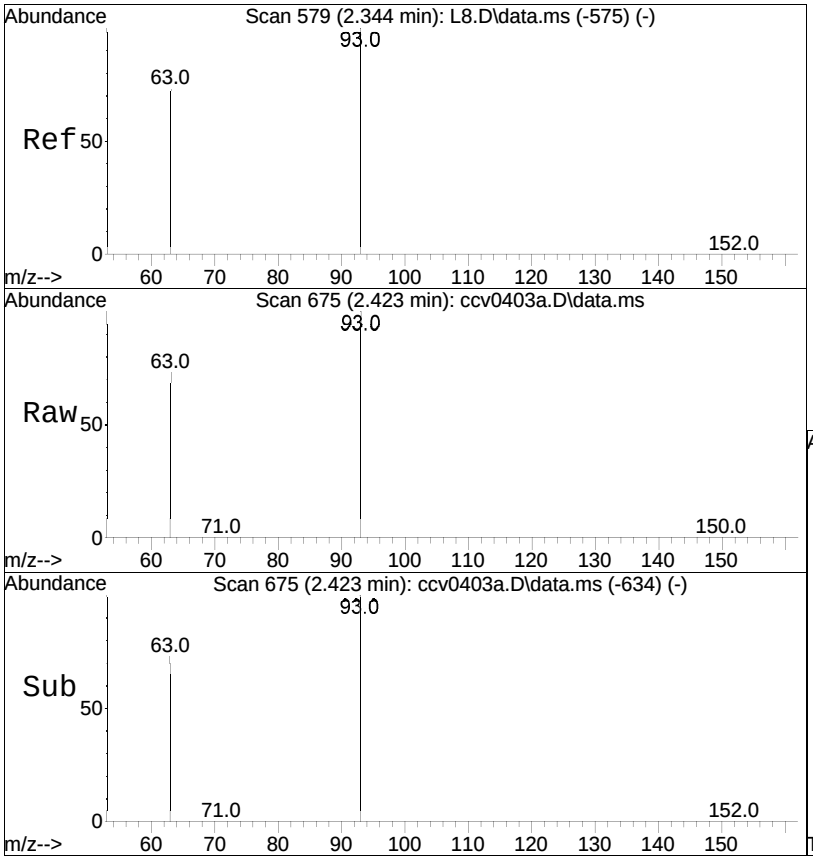


#2
N-Nitrosodimethylamine
Concen: 1166.72 ng/ml
RT: 1.395 min Scan# 166
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion: 74 Resp: 66962

Ion	Ratio	Lower	Upper
74	100		
42	101.1	74.2	111.4
44	5.1	5.0	7.6

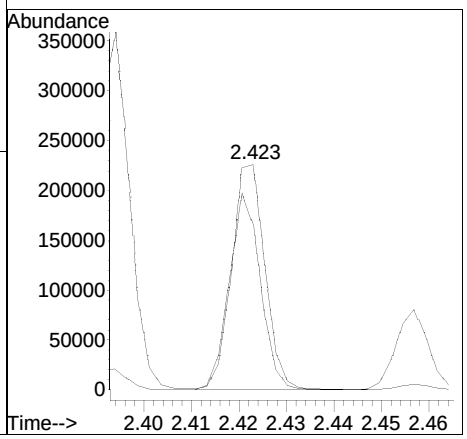


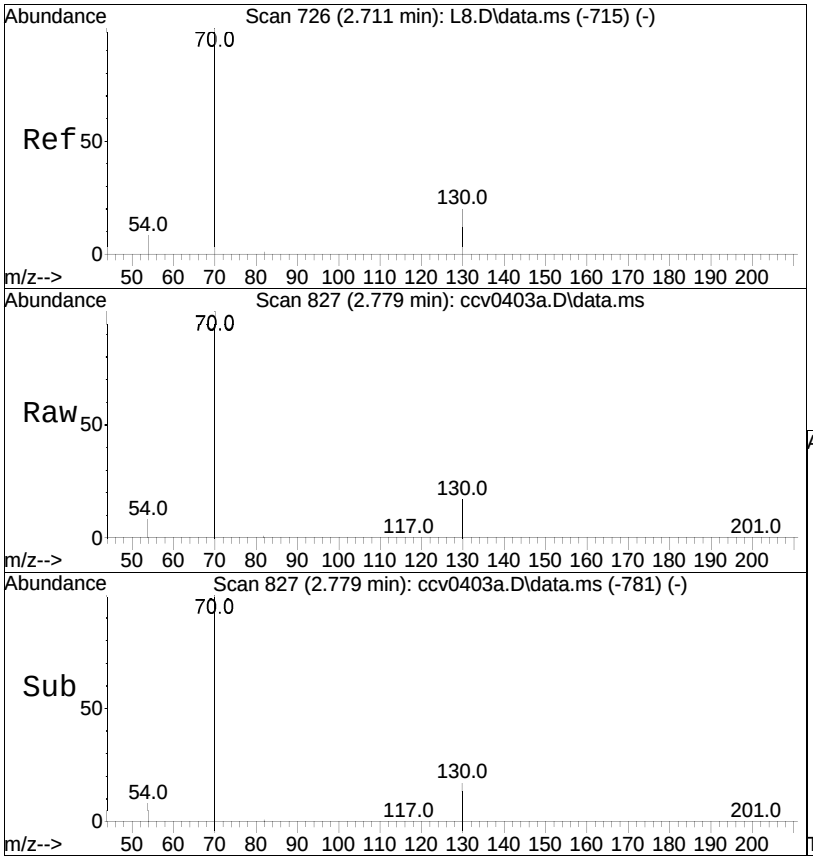


#5
Bis(2-chloroethyl)ether
Concen: 1081.90 ng/ml
RT: 2.423 min Scan# 675
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion: 93 Resp: 110112

Ion	Ratio	Lower	Upper
93	100		
63	81.5	71.7	107.5

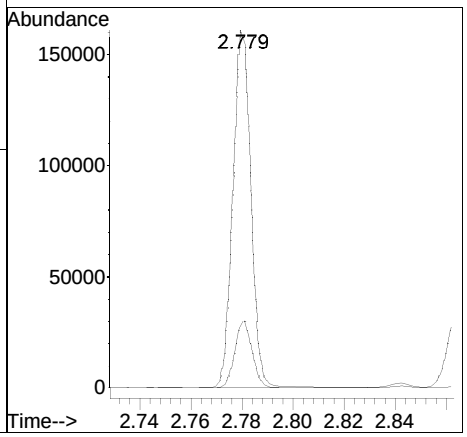


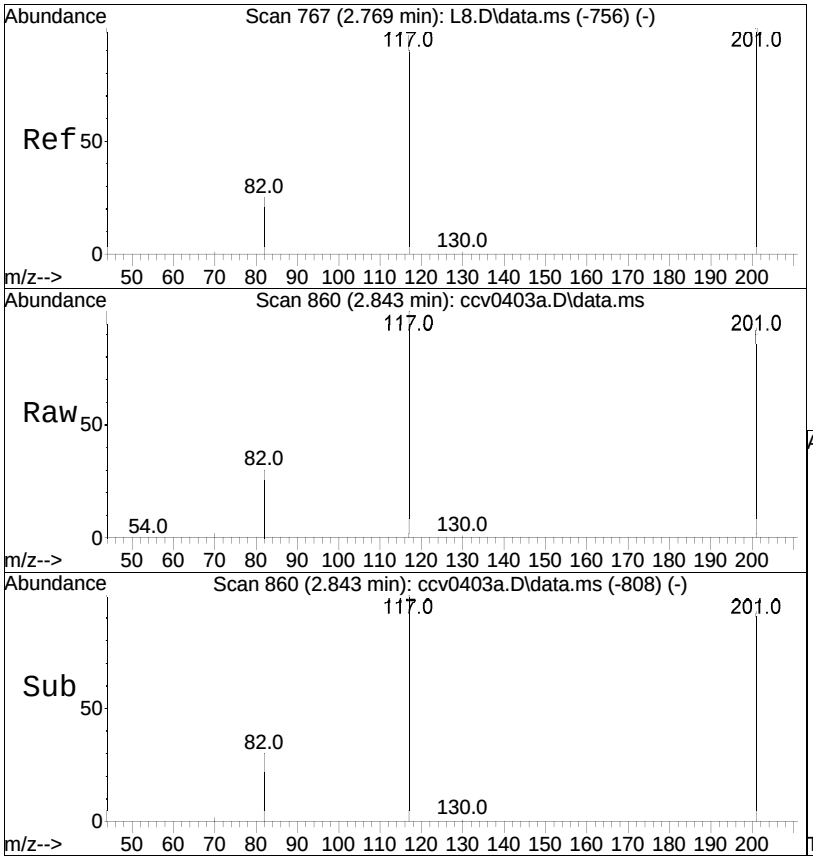


#6
n-nitrosodi-n-propylamine
Concen: 1195.83 ng/ml
RT: 2.779 min Scan# 827
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion: 70 Resp: 77808

Ion	Ratio	Lower	Upper
70	100		
130	18.2	16.2	24.2

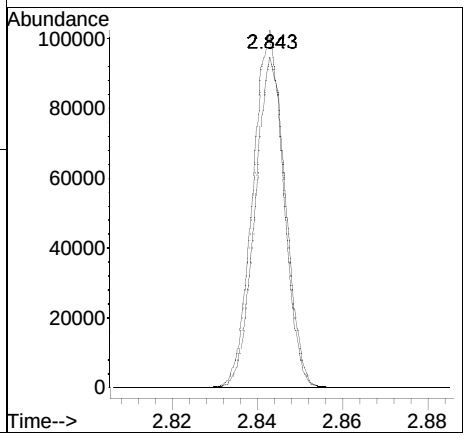


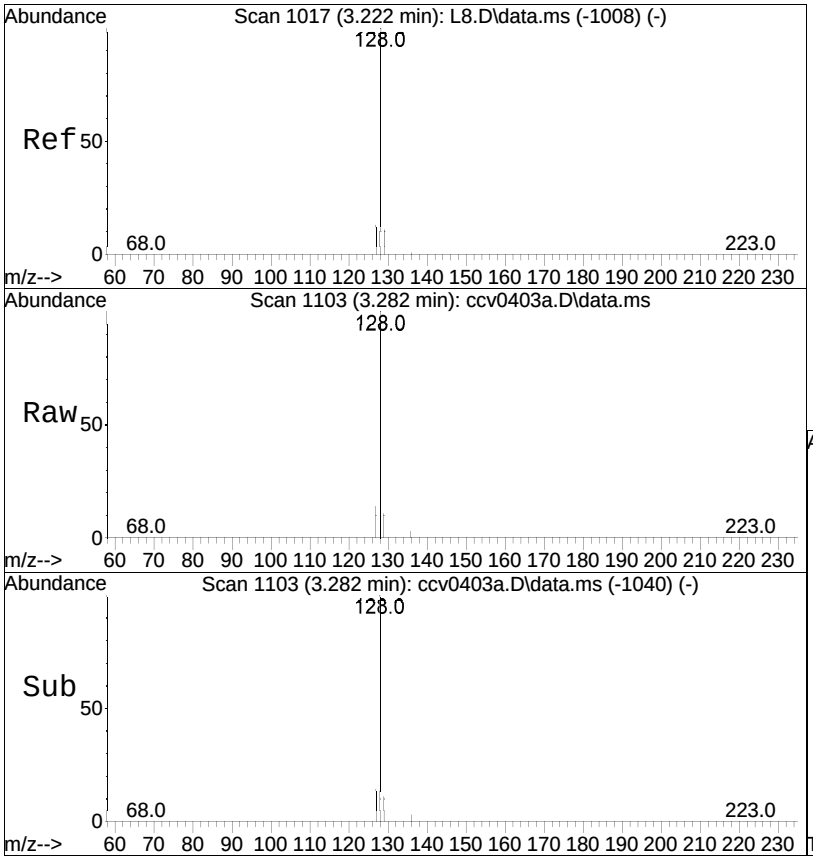


#7
Hexachloroethane
Concen: 1092.10 ng/ml
RT: 2.843 min Scan# 860
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:117 Resp: 50562

Ion	Ratio	Lower	Upper
117	100		
201	92.8	79.1	118.7

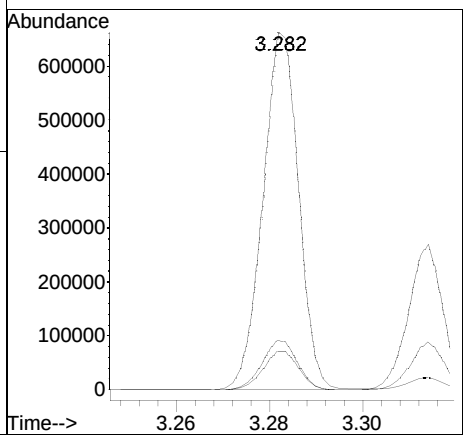


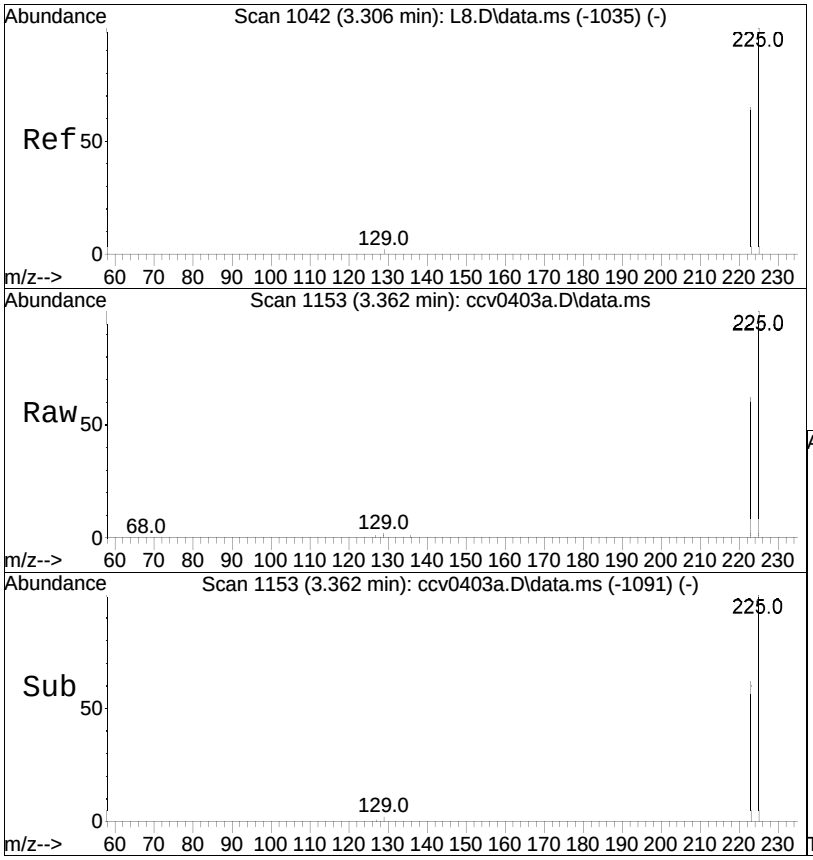


#10
Naphthalene
Concen: 961.65 ng/ml
RT: 3.282 min Scan# 1103
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:128 Resp: 349121

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.8	10.8	16.2

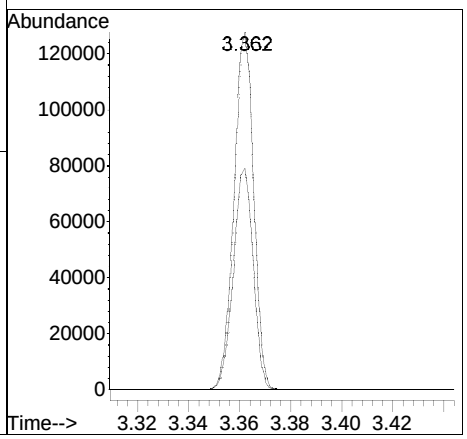


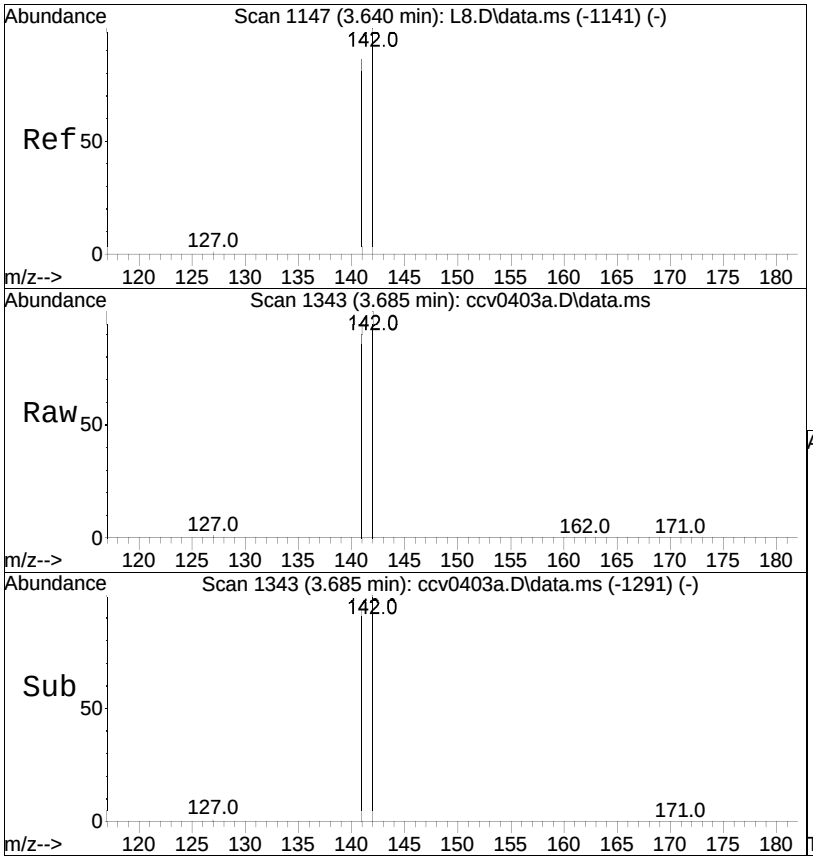


#11
Hexachlorobutadiene
Concen: 924.78 ng/ml
RT: 3.362 min Scan# 1153
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:225 Resp: 67144

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6

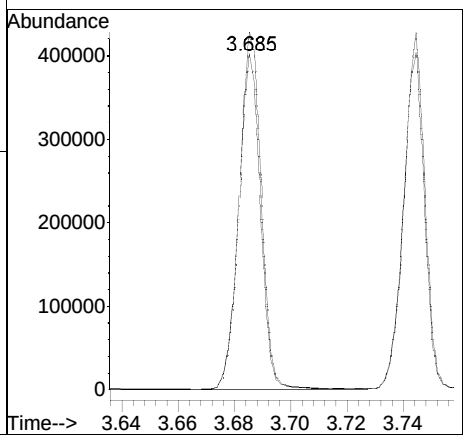


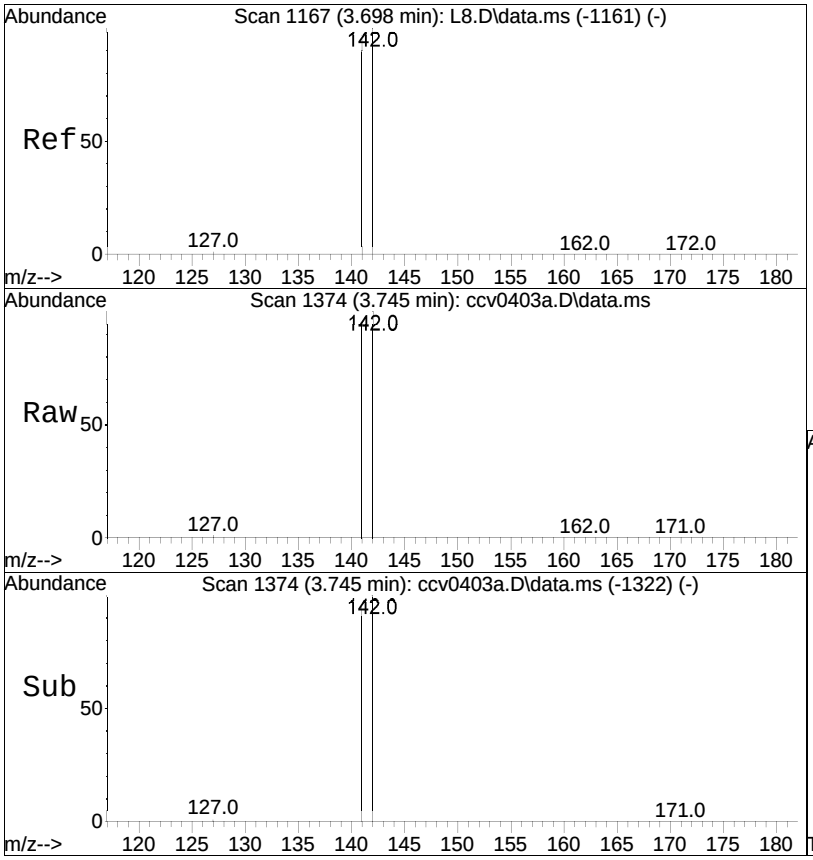


#12
2-Methylnaphthalene
Concen: 1039.88 ng/ml
RT: 3.685 min Scan# 1343
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:142 Resp: 233282

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1

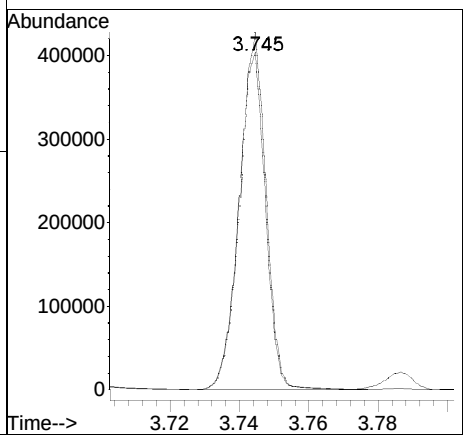


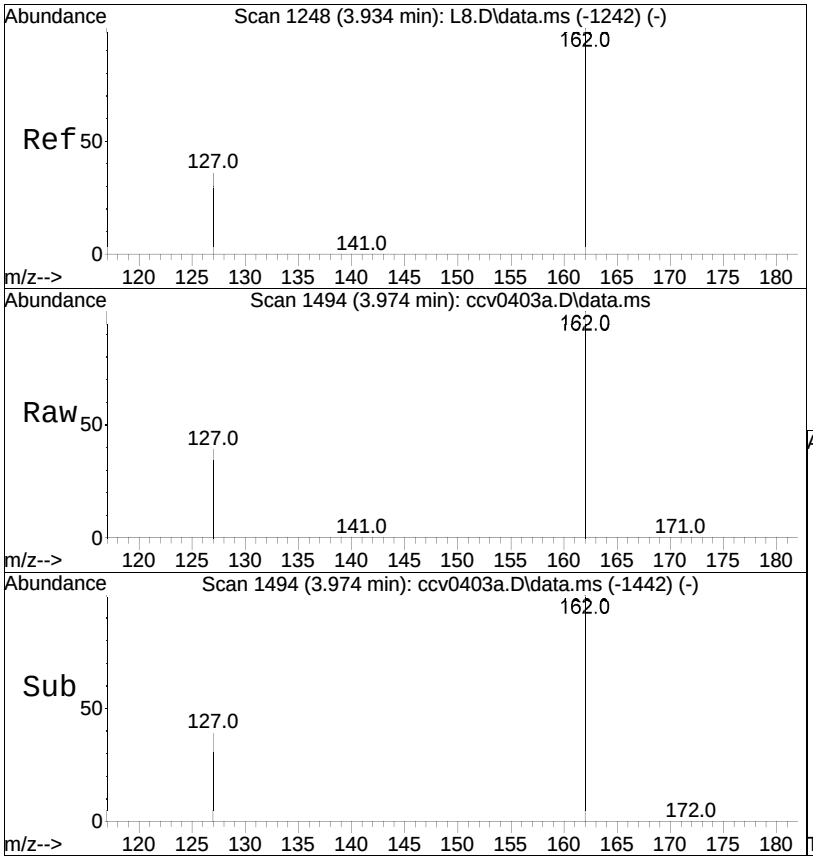


#13
1-Methylnaphthalene
Concen: 959.66 ng/ml
RT: 3.745 min Scan# 1374
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:142 Resp: 219530

Ion	Ratio	Lower	Upper
142	100		
141	96.1	76.9	115.3

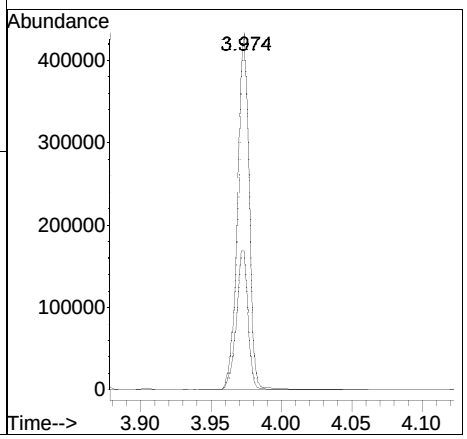


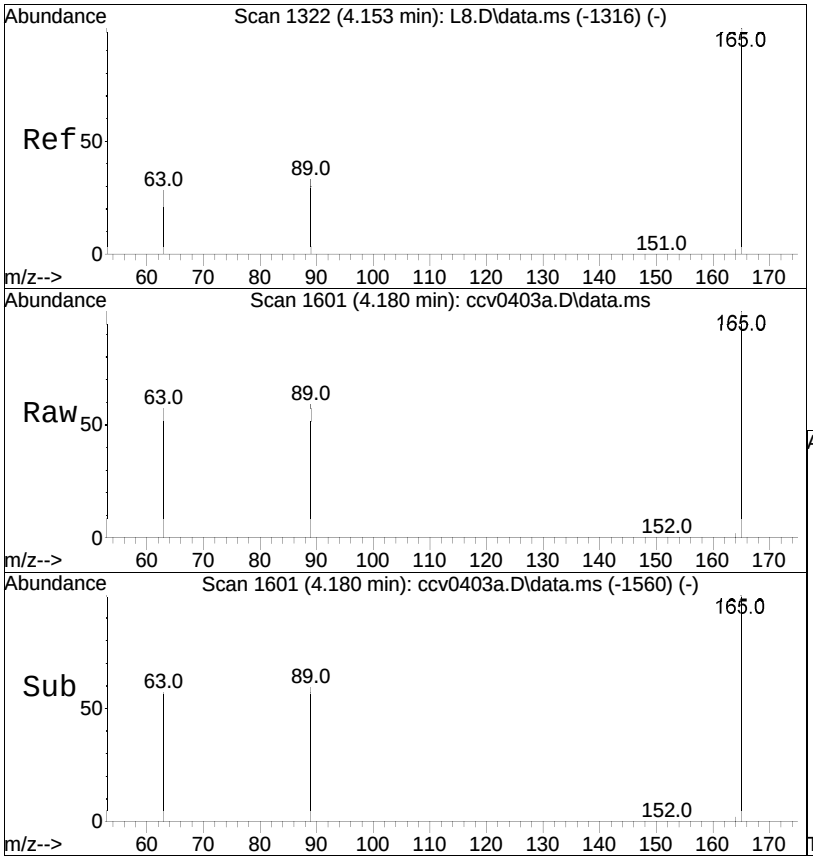


#15
2-Chloronaphthalene
Concen: 932.00 ng/ml
RT: 3.974 min Scan# 1494
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:162 Resp: 239576

Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.0	46.6

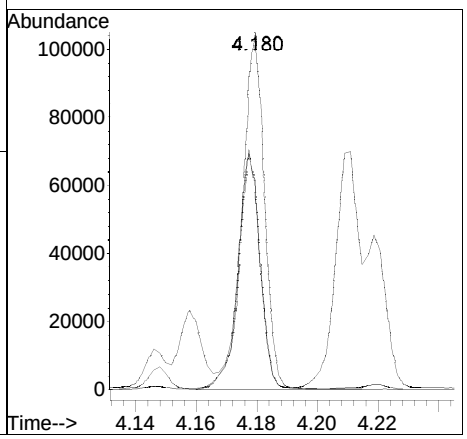


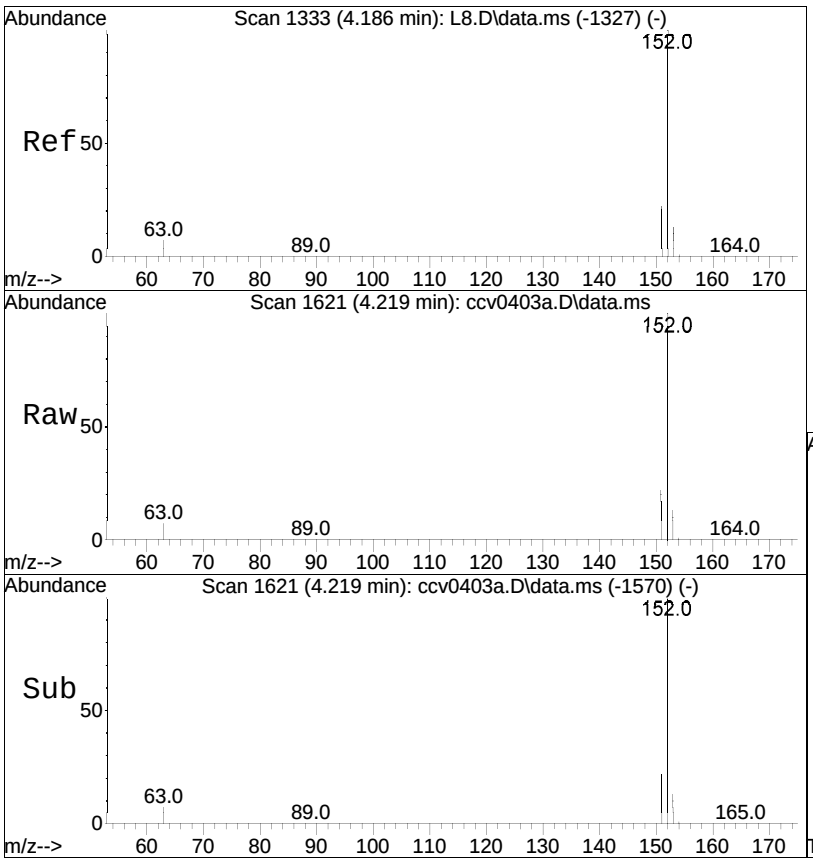


#16
2,6-Dinitrotoluene
Concen: 1179.02 ng/ml
RT: 4.180 min Scan# 1601
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:165 Resp: 52732

Ion	Ratio	Lower	Upper
165	100		
89	66.8	46.7	70.1
63	65.3	48.6	72.8

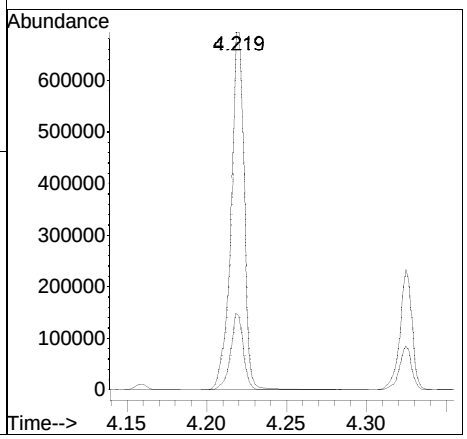


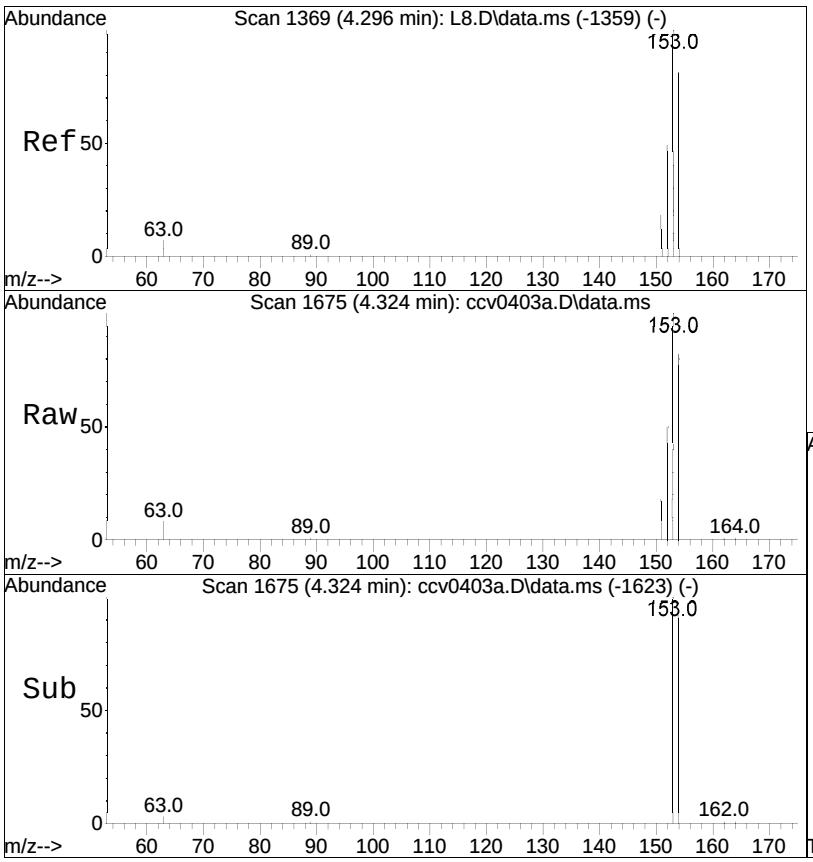


#17
Acenaphthylene
Concen: 1028.25 ng/ml
RT: 4.219 min Scan# 1621
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:152 Resp: 392723

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6

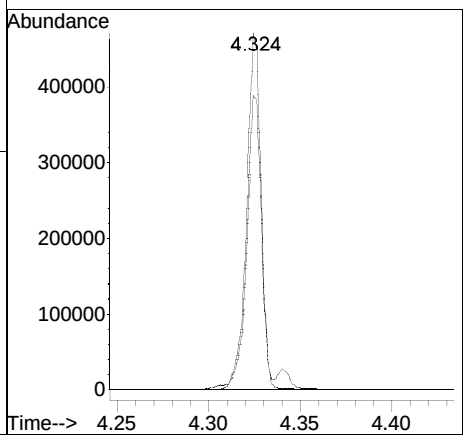


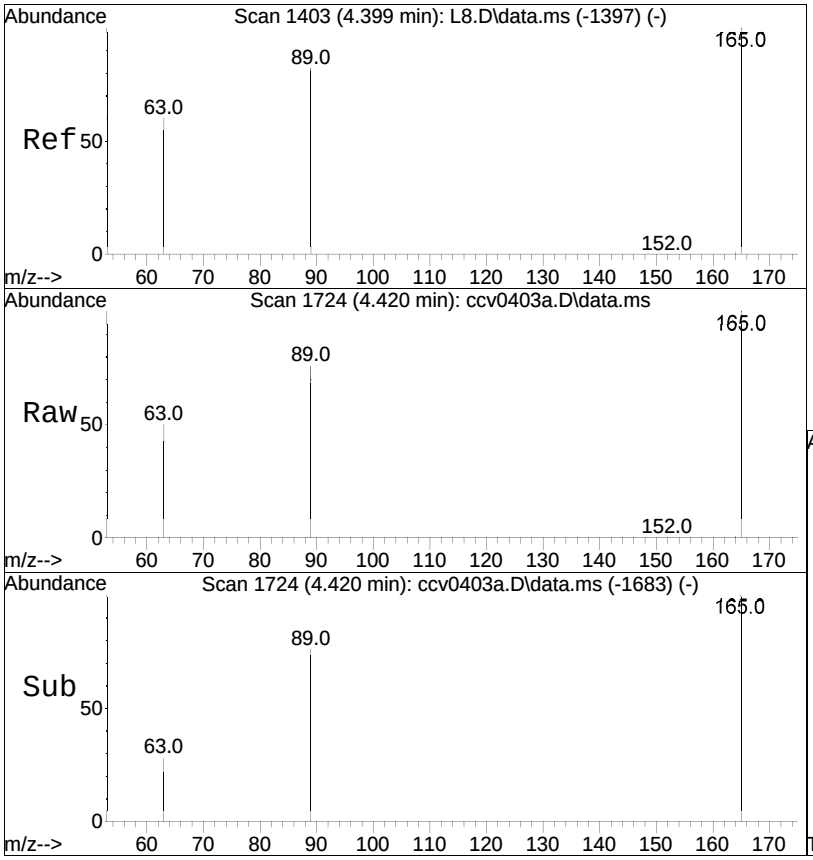


#19
Acenaphthene
Concen: 917.22 ng/ml
RT: 4.324 min Scan# 1675
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:153 Resp: 250658

Ion	Ratio	Lower	Upper
153	100		
154	84.9	67.6	101.4

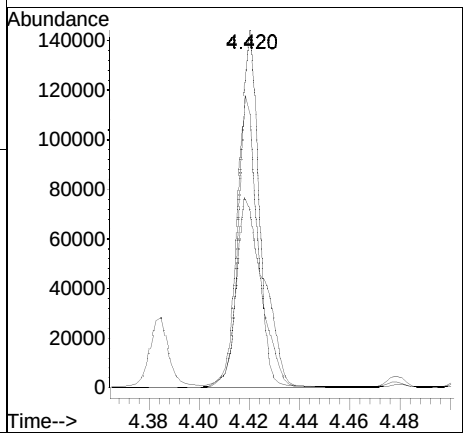


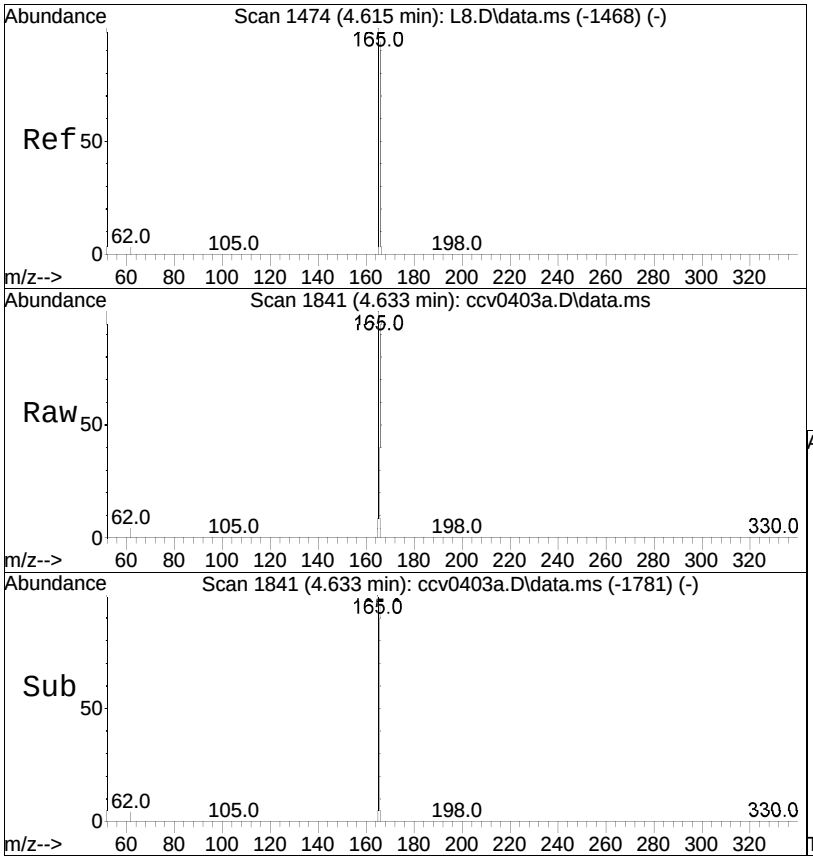


#20
2,4-Dinitrotoluene
Concen: 1127.07 ng/ml
RT: 4.420 min Scan# 1724
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:165 Resp: 74194

Ion	Ratio	Lower	Upper
165	100		
89	95.8	71.9	107.9
63	78.7	64.1	96.1

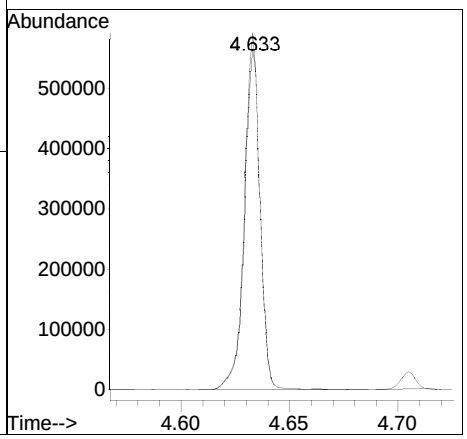


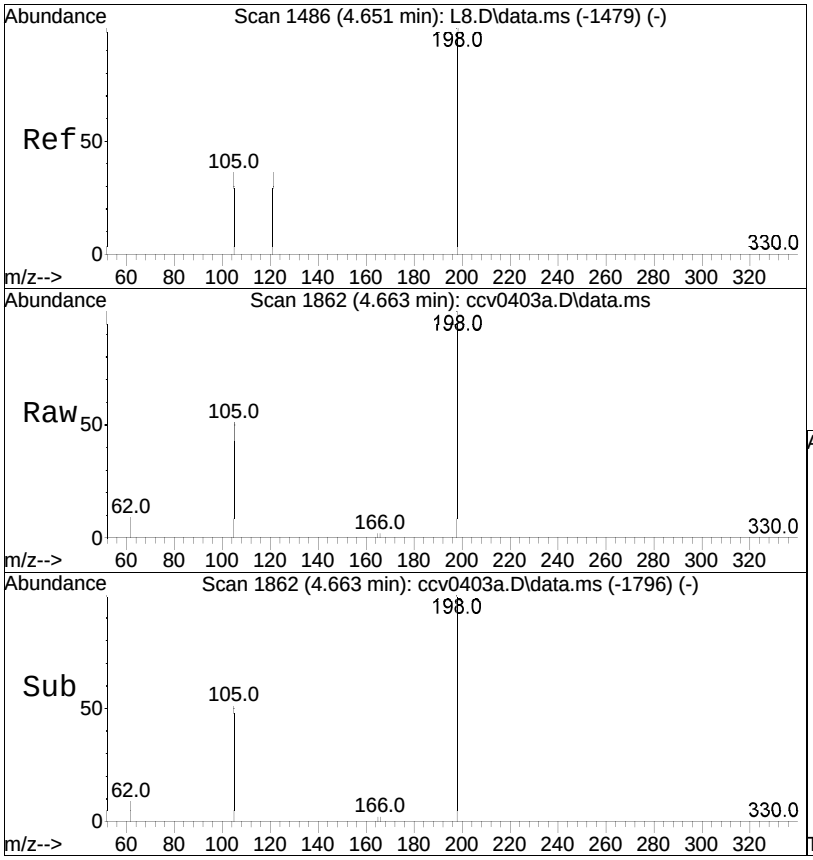


#21
Fluorene
Concen: 907.51 ng/ml
RT: 4.633 min Scan# 1841
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:166 Resp: 282843

Ion	Ratio	Lower	Upper
166	100		
165	103.5	82.5	123.7

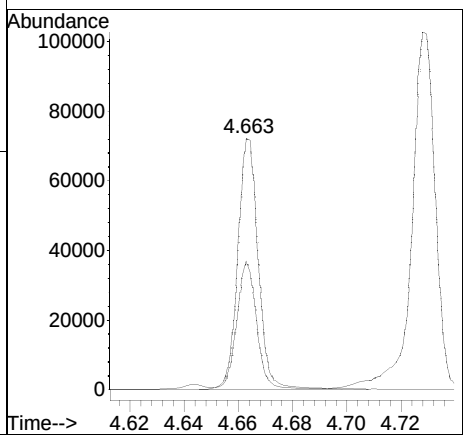


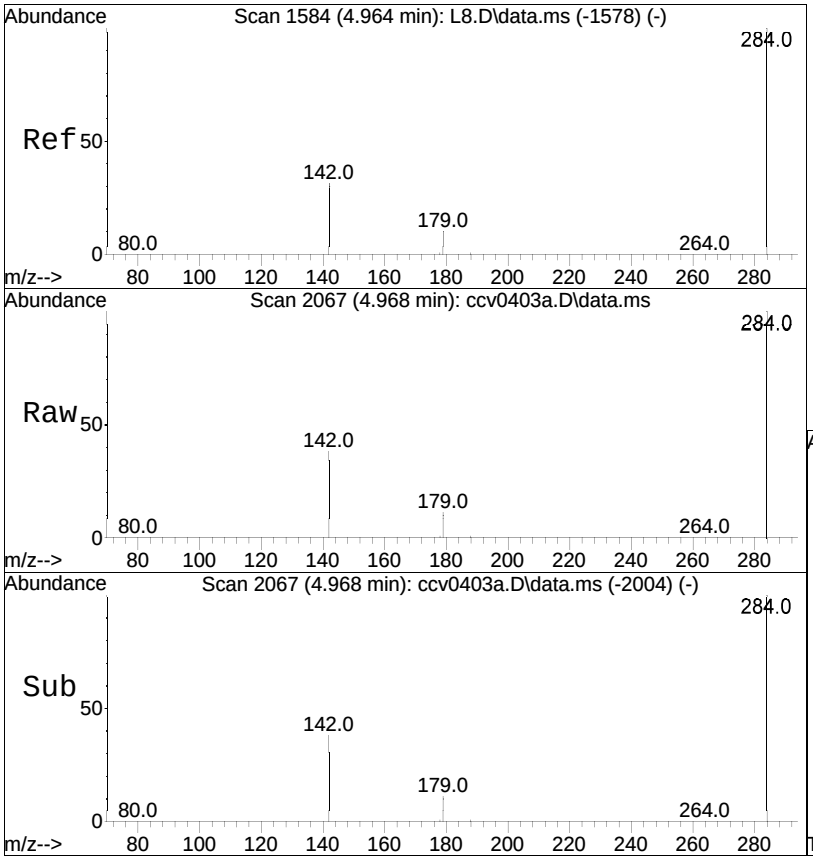


#24
4,6-Dinitro-o-cresol
Concen: 1204.68 ng/ml
RT: 4.663 min Scan# 1862
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:198 Resp: 38137

Ion	Ratio	Lower	Upper
198	100		
105	48.7	35.2	52.8

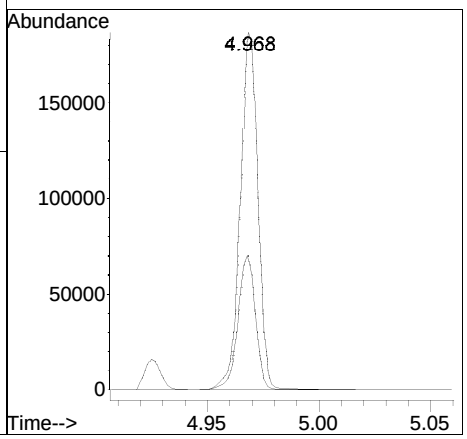


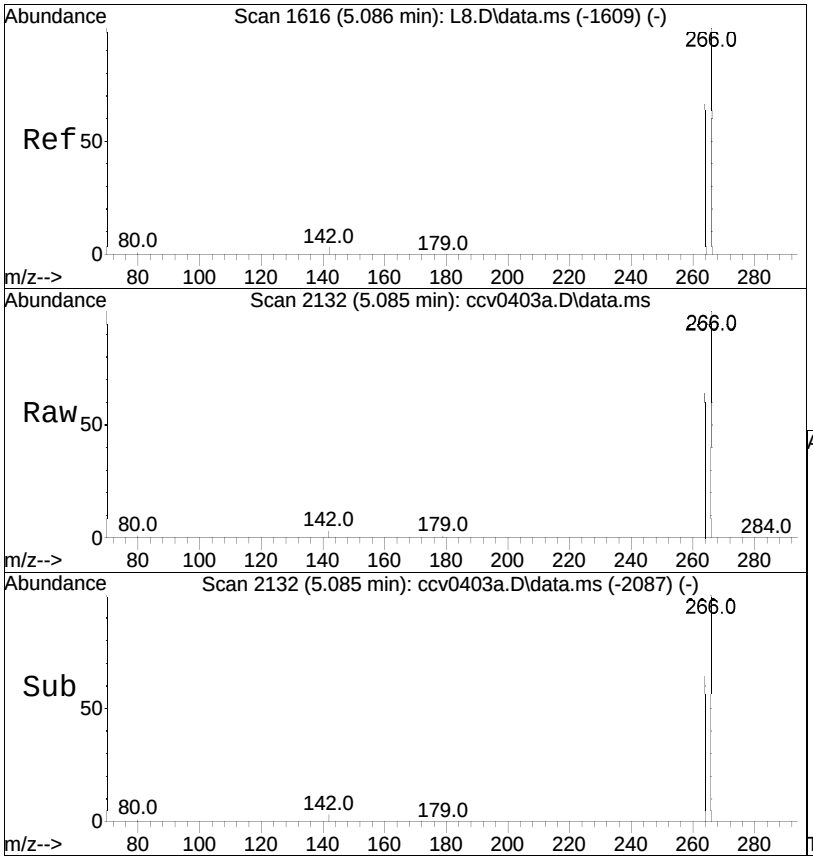


#25
Hexachlorobenzene
Concen: 944.99 ng/ml
RT: 4.968 min Scan# 2067
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:284 Resp: 101024

Ion	Ratio	Lower	Upper
284	100		
142	37.7	29.9	44.9

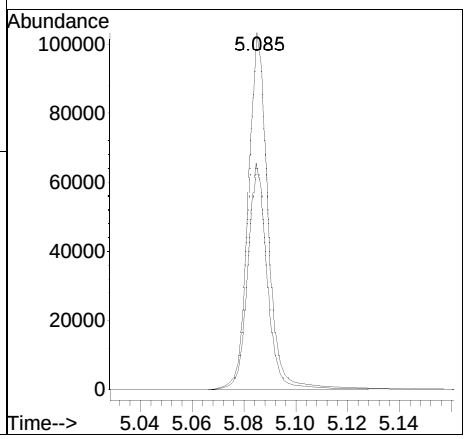


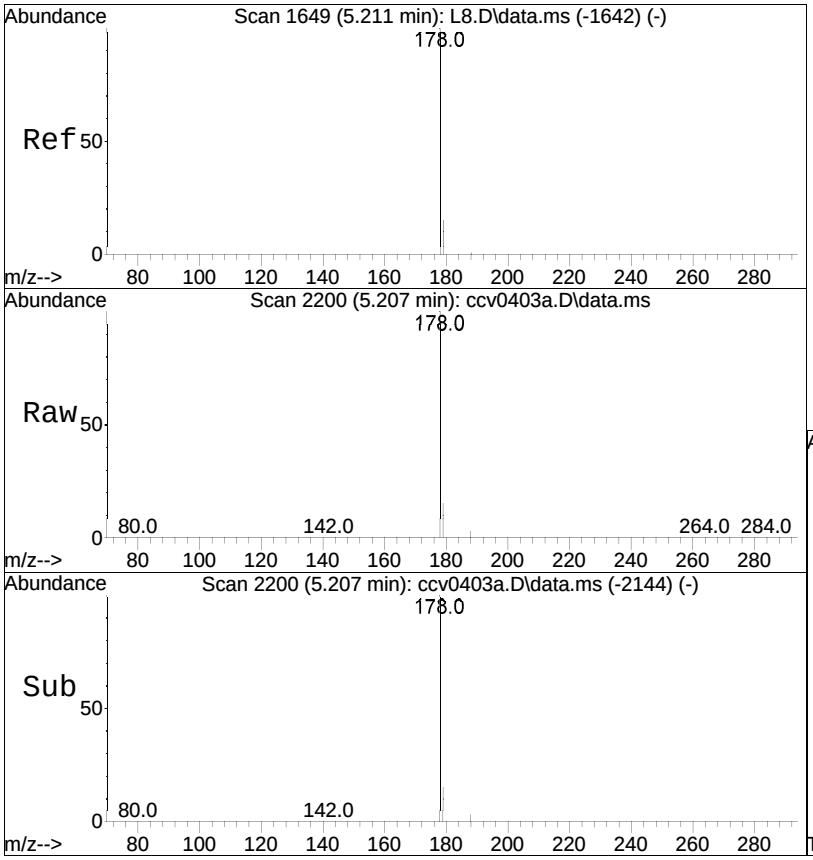


#26
Pentachlorophenol
Concen: 1104.36 ng/ml
RT: 5.085 min Scan# 2132
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:266 Resp: 54107

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.6	75.8

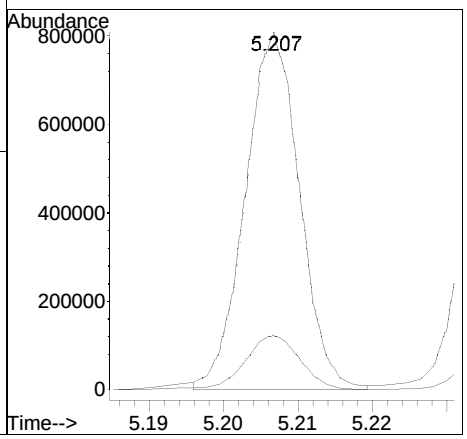


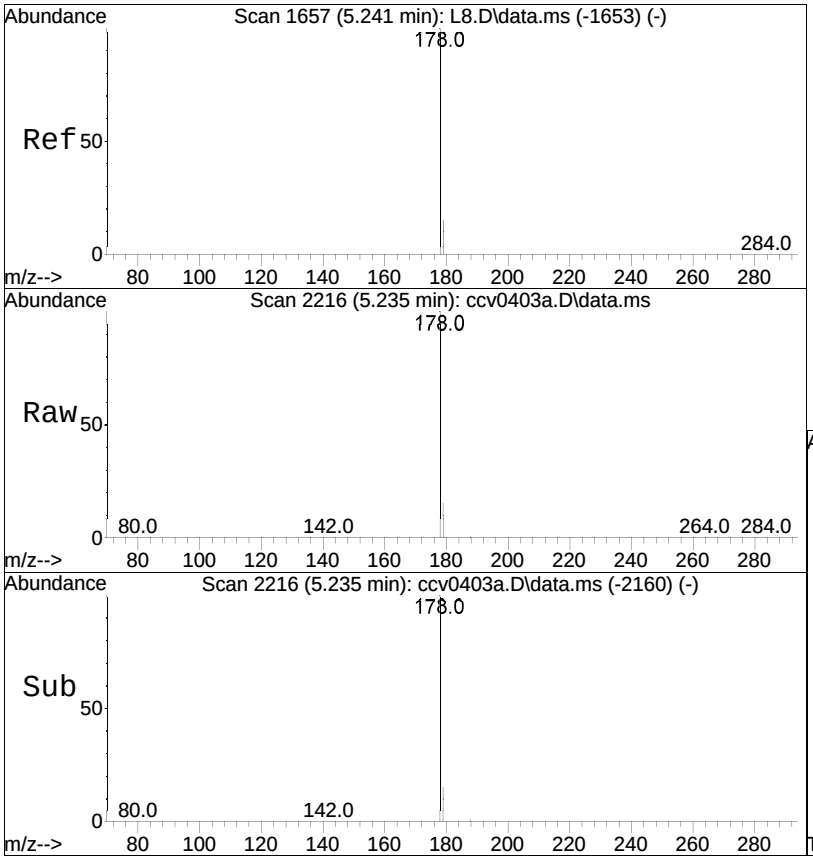


#27
Phenanthrene
Concen: 873.64 ng/ml M6
RT: 5.207 min Scan# 2200
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:178 Resp: 406848

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7

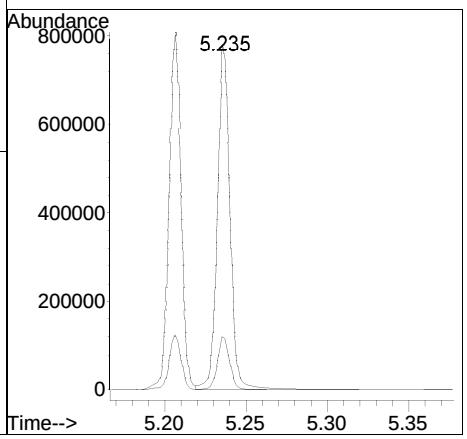


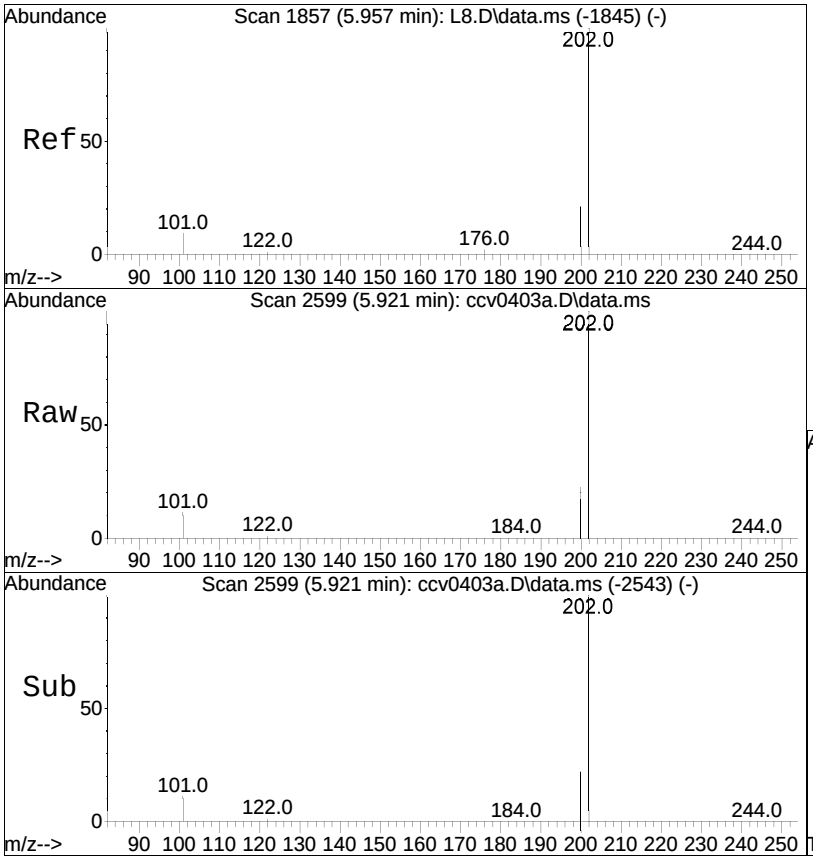


#28
Anthracene
Concen: 926.40 ng/ml
RT: 5.235 min Scan# 2216
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:178 Resp: 418533

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2

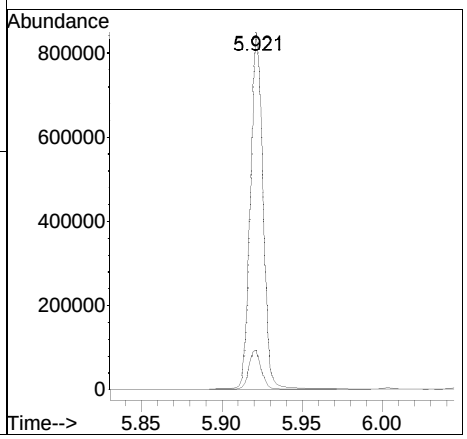


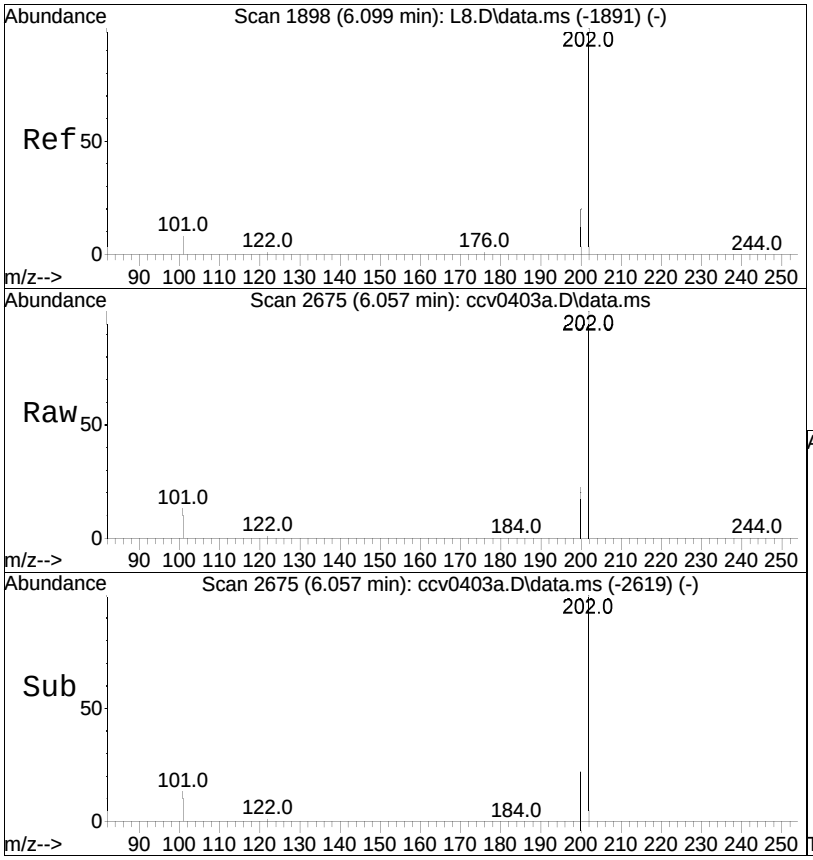


#29
Fluoranthene
Concen: 923.47 ng/ml
RT: 5.921 min Scan# 2599
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:202 Resp: 454718

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.4

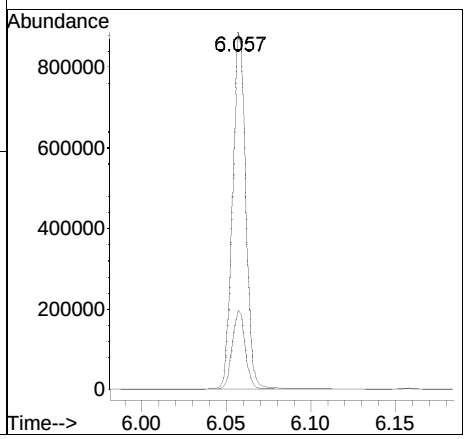


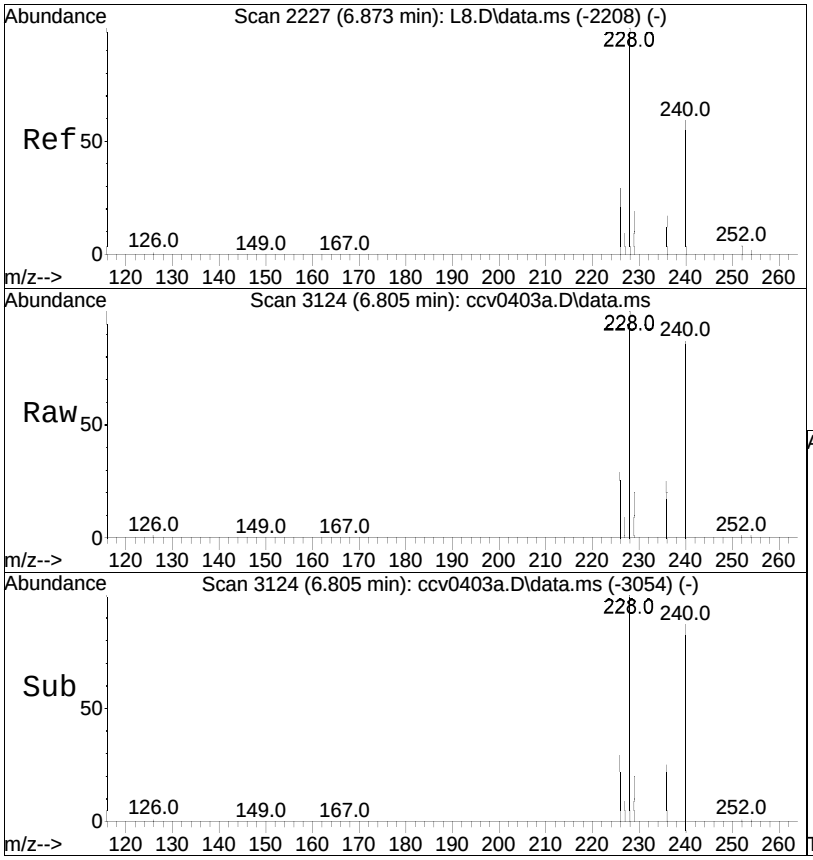


#30
Pyrene
Concen: 925.37 ng/ml
RT: 6.057 min Scan# 2675
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:202 Resp: 468541

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.6

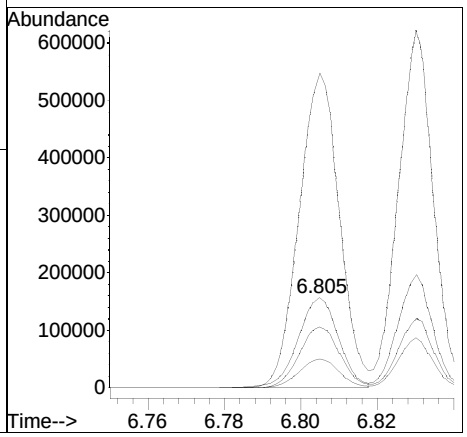


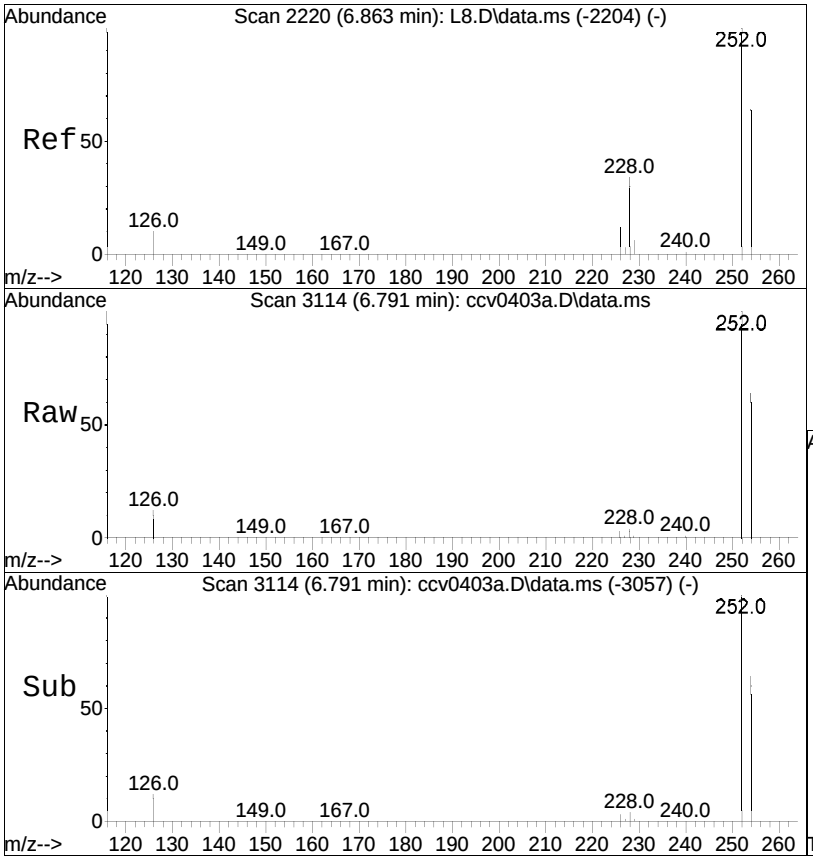


#33
Benzo[a]anthracene
Concen: 894.04 ng/ml
RT: 6.805 min Scan# 3124
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:226 Resp: 115782

Ion	Ratio	Lower	Upper
226	100		
227	31.8	25.4	38.0
228	344.5	283.4	425.0
229	67.6	55.4	83.2

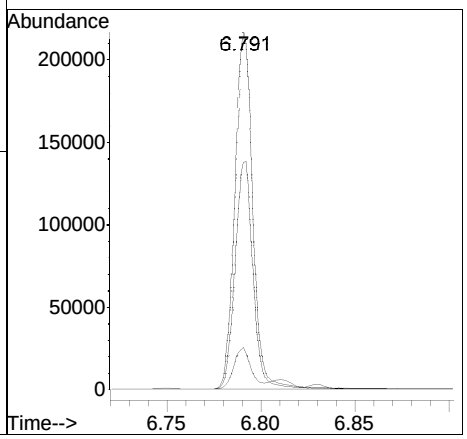


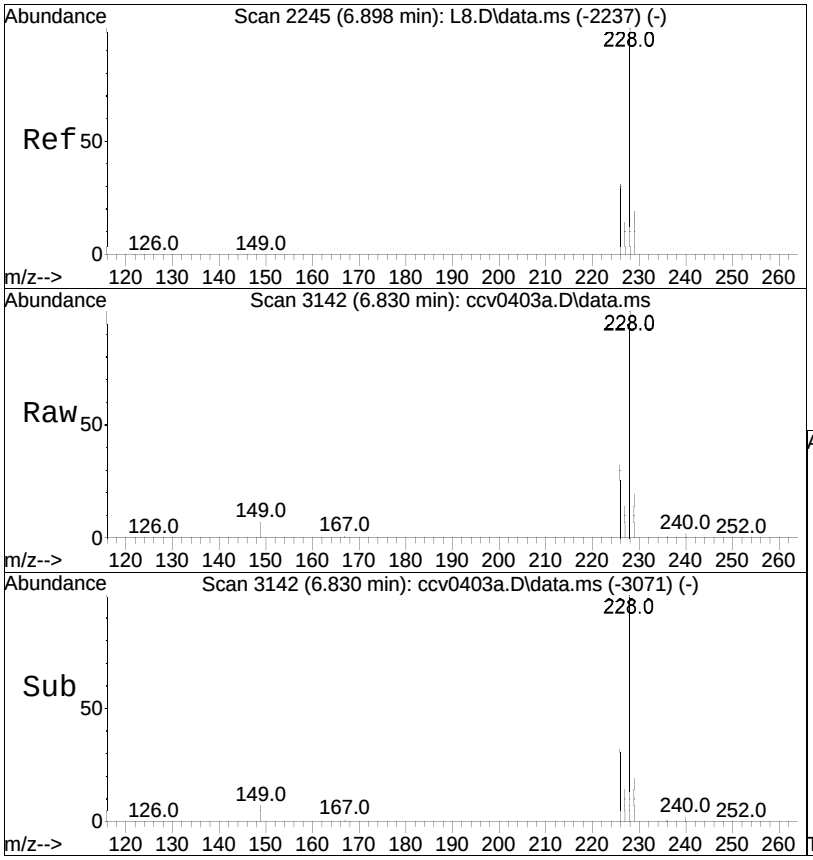


#34
3,3'-Dichlorobenzidine
Concen: 980.09 ng/ml
RT: 6.791 min Scan# 3114
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:252 Resp: 141470

Ion	Ratio	Lower	Upper
252	100		
126	11.6	9.2	13.8
254	64.3	51.8	77.8

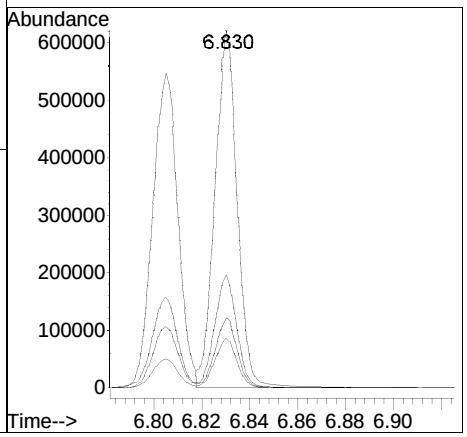


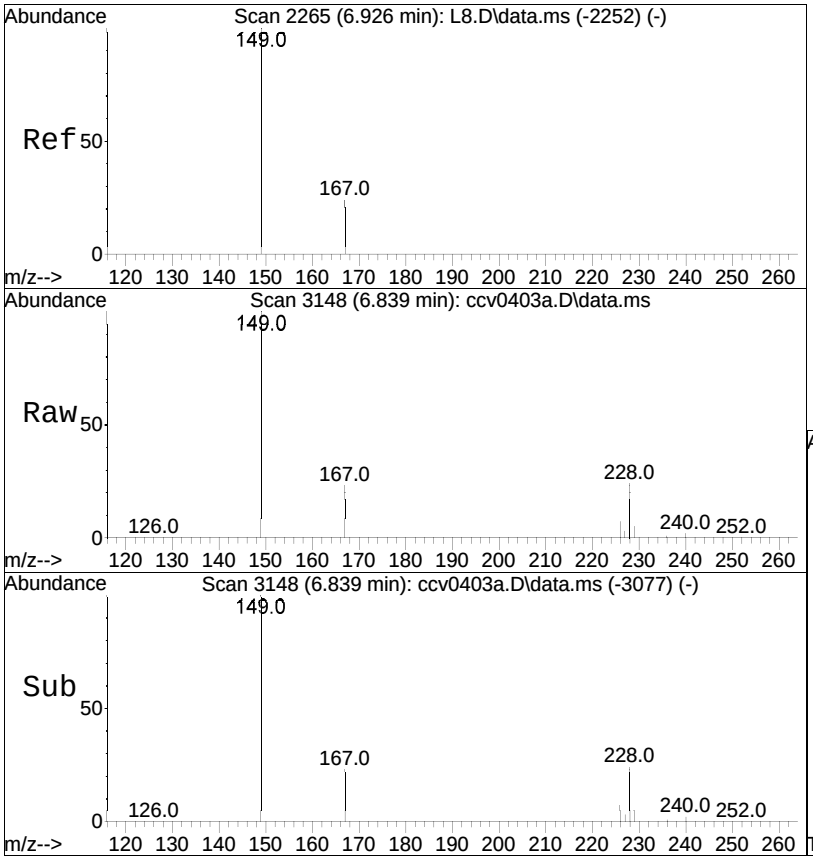


#35
Chrysene
Concen: 936.21 ng/ml
RT: 6.830 min Scan# 3142
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:228 Resp: 396806

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.3	36.5
227	13.7	10.6	16.0
229	19.4	15.4	23.2

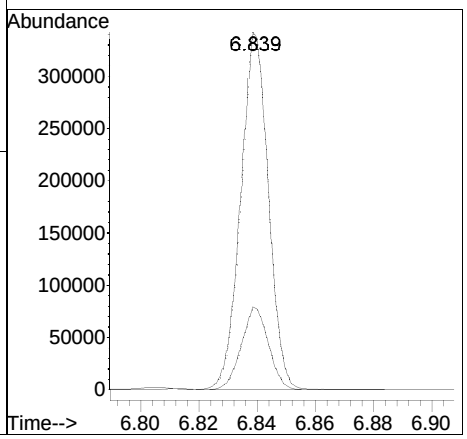


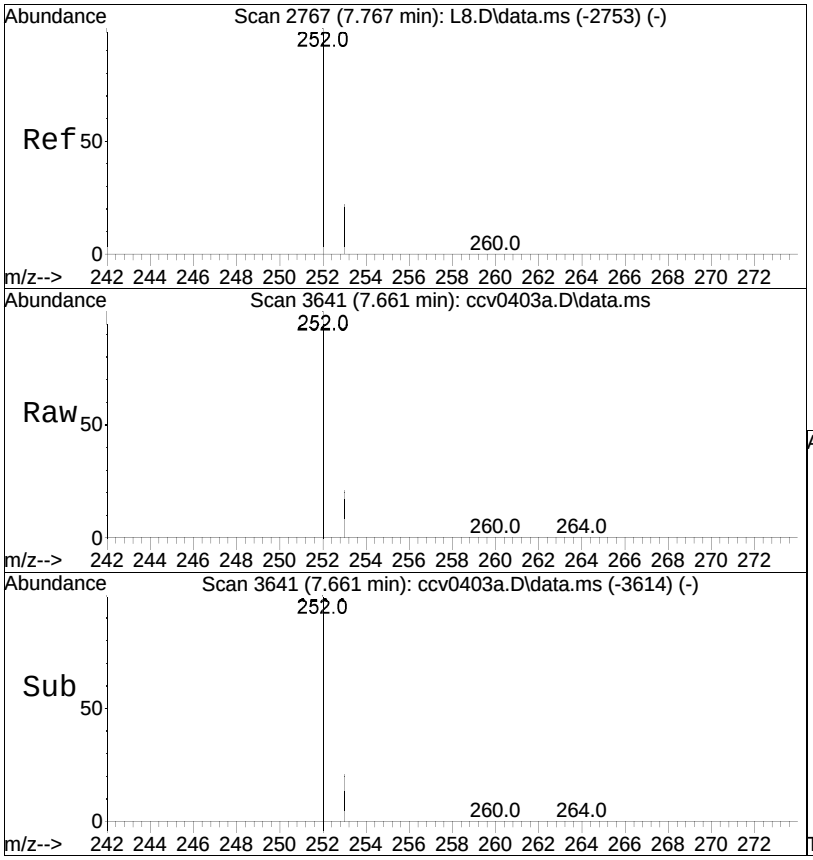


#36
Bis(2-ethylhexyl)phthalate
Concen: 945.60 ng/ml
RT: 6.839 min Scan# 3148
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:149 Resp: 222040

Ion	Ratio	Lower	Upper
149	100		
167	22.7	18.5	27.7

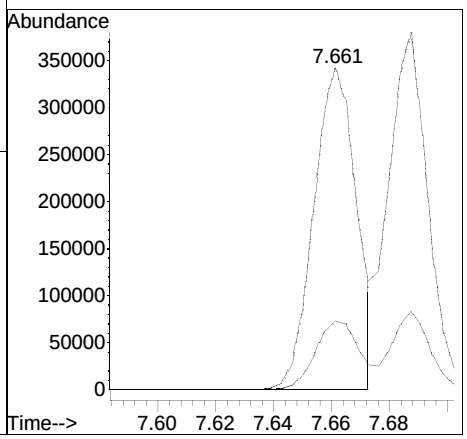


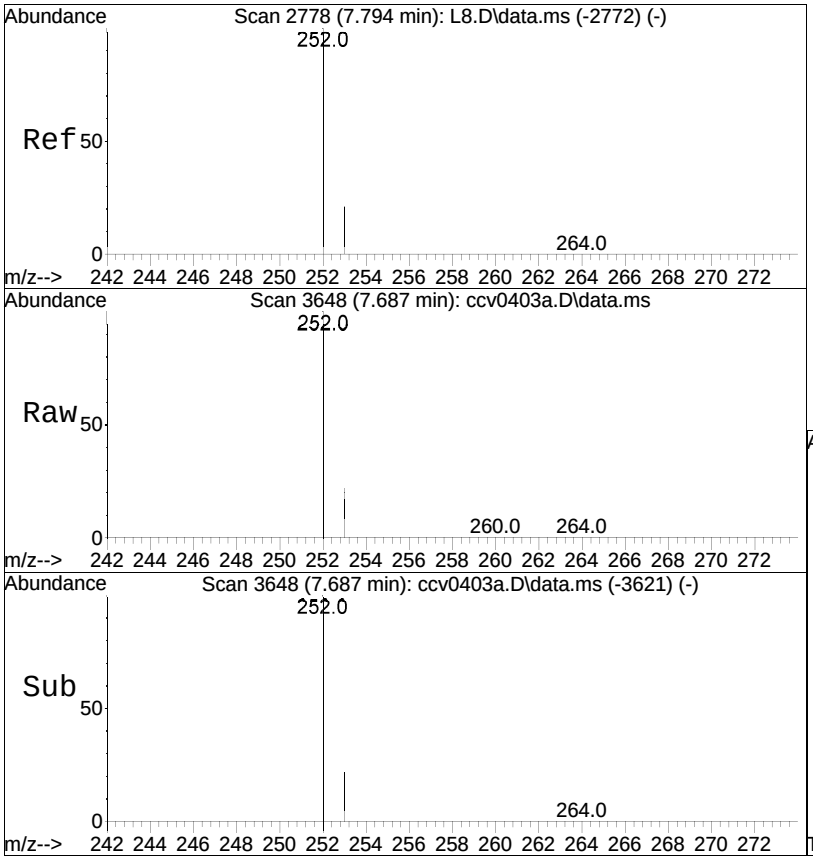


#38
Benzo[b]fluoranthene
Concen: 936.09 ng/ml
RT: 7.661 min Scan# 3641
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:252 Resp: 350451

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9

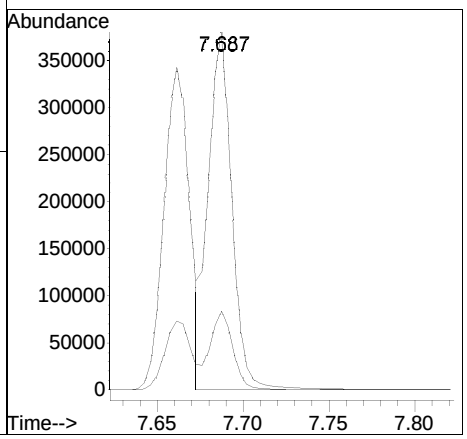


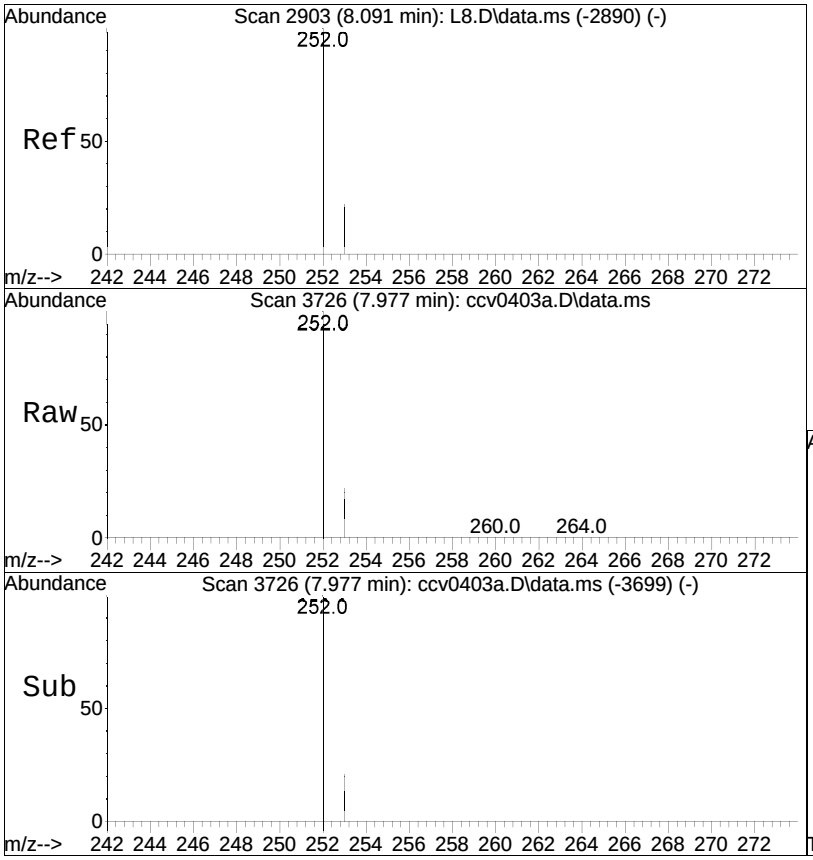


#39
Benzo[k]fluoranthene
Concen: 950.62 ng/ml
RT: 7.687 min Scan# 3648
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:252 Resp: 359654

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.4	26.2

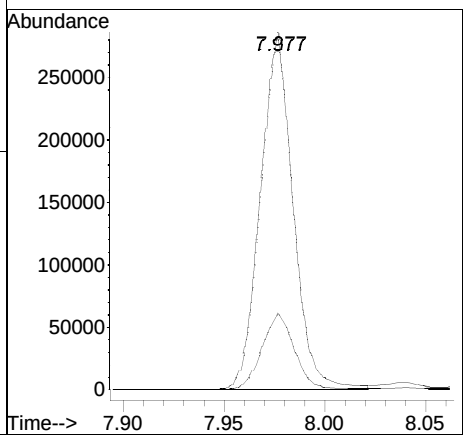


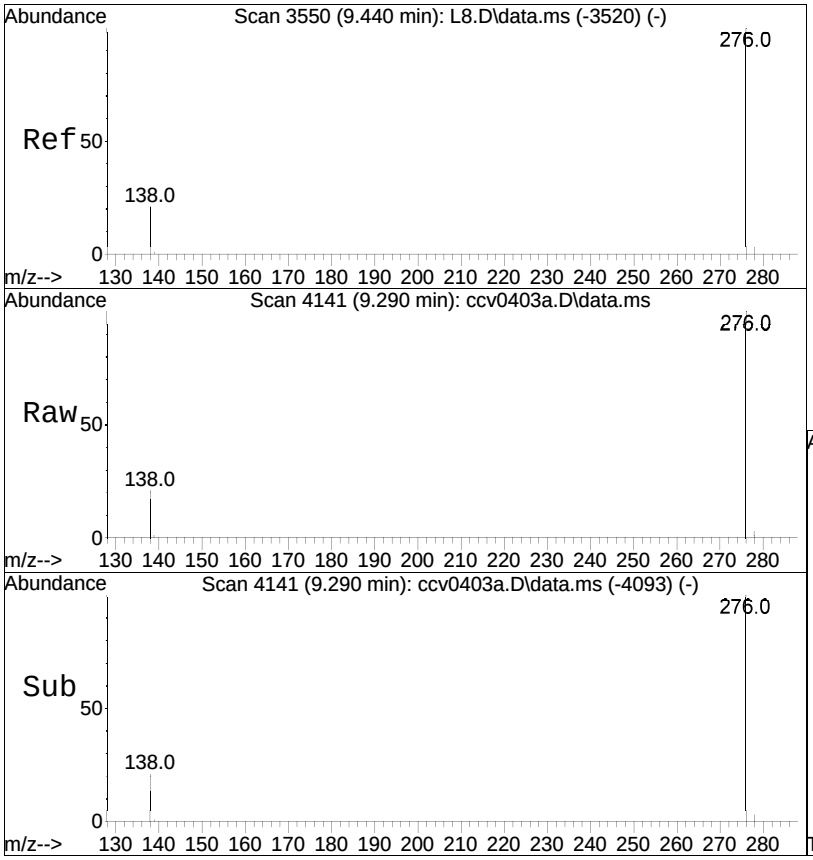


#40
Benzo[a]pyrene
Concen: 963.97 ng/ml
RT: 7.977 min Scan# 3726
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:252 Resp: 316165

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0

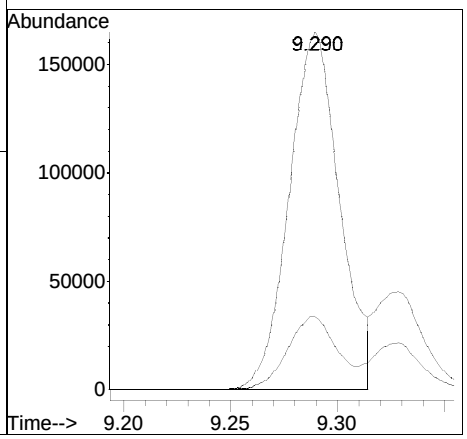


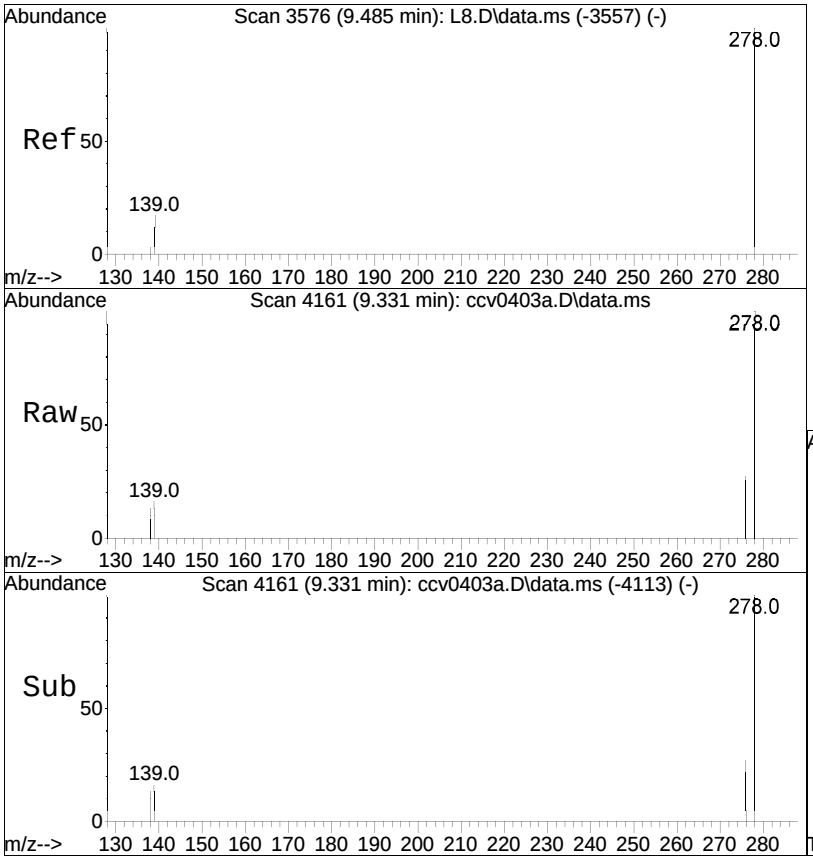


#41
Indeno[1,2,3-cd]pyrene
Concen: 915.67 ng/ml
RT: 9.290 min Scan# 4141
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:276 Resp: 268148

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.6	28.0

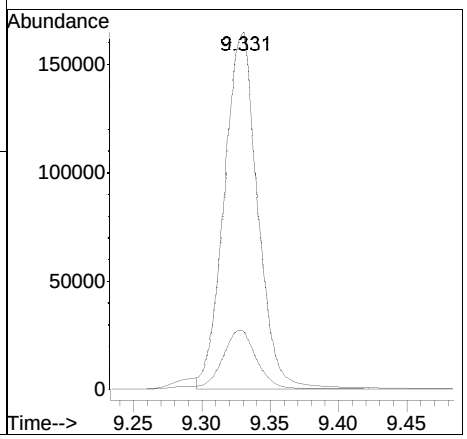


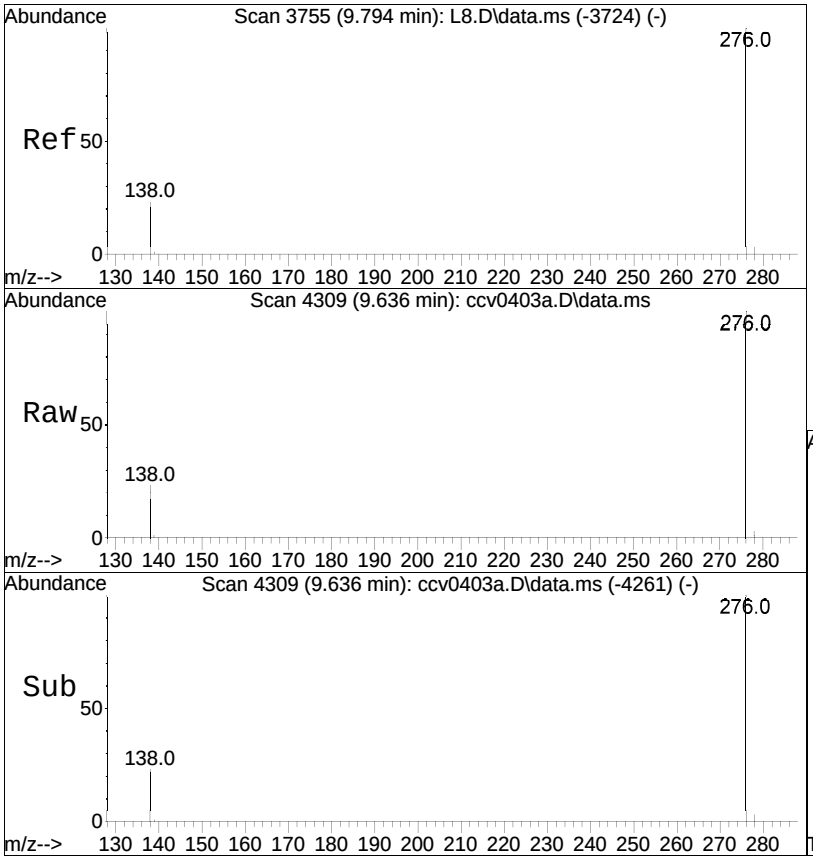


#42
Dibenzo[a,h]anthracene
Concen: 986.65 ng/ml M6
RT: 9.331 min Scan# 4161
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:278 Resp: 278778

Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.2	22.8

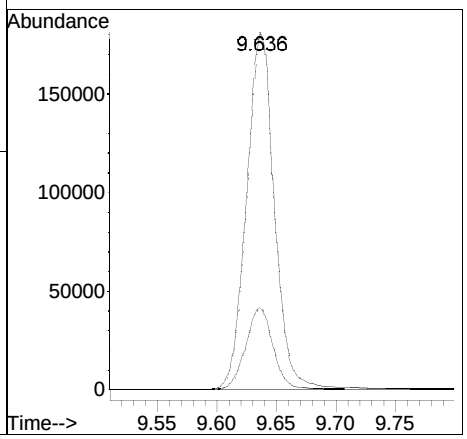




#43
Benzo[g,h,i]perylene
Concen: 953.38 ng/ml
RT: 9.636 min Scan# 4309
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 09:57 am

Tgt Ion:276 Resp: 290845

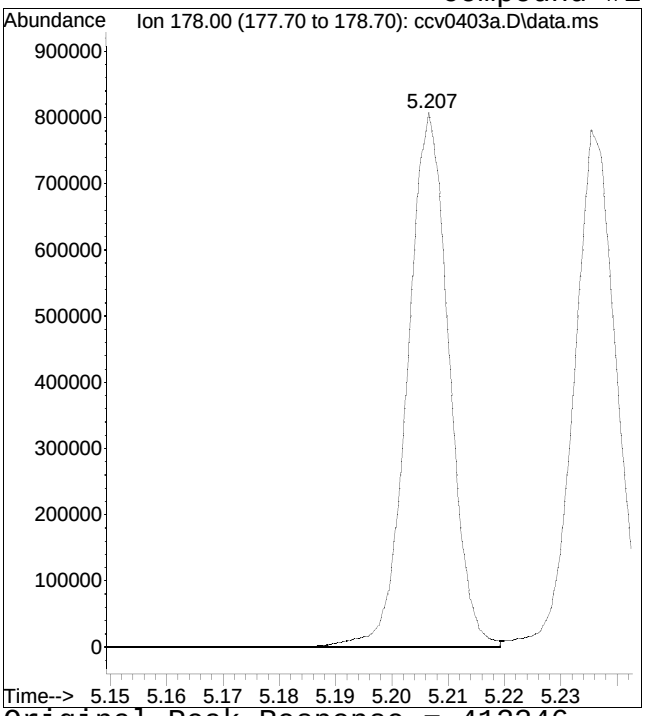
Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.6	31.0



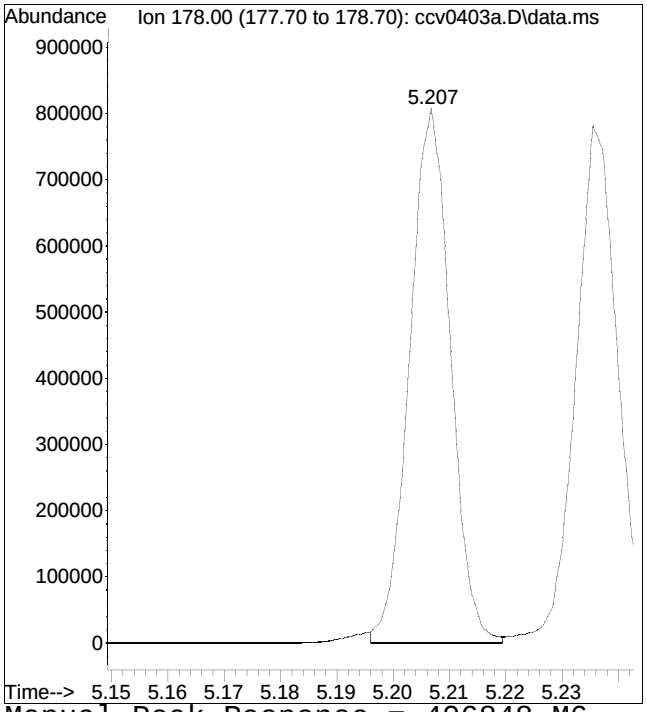
Manual Integration Report

Data Path : I:\8270SIM\SV118\260403RVTQMethod : SIM-RVT_251213sv118.M
Data File : ccv0403a.D Operator : sv118:slr
Date Inj'd : 4/3/2026 9:57 am Instrument : SV118
Sample : WG2193570-3,32,,ICV 12227 Quant Date : 4/3/2026 10:17 am

Compound #27: Phenanthrene



Original Peak Response = 412346



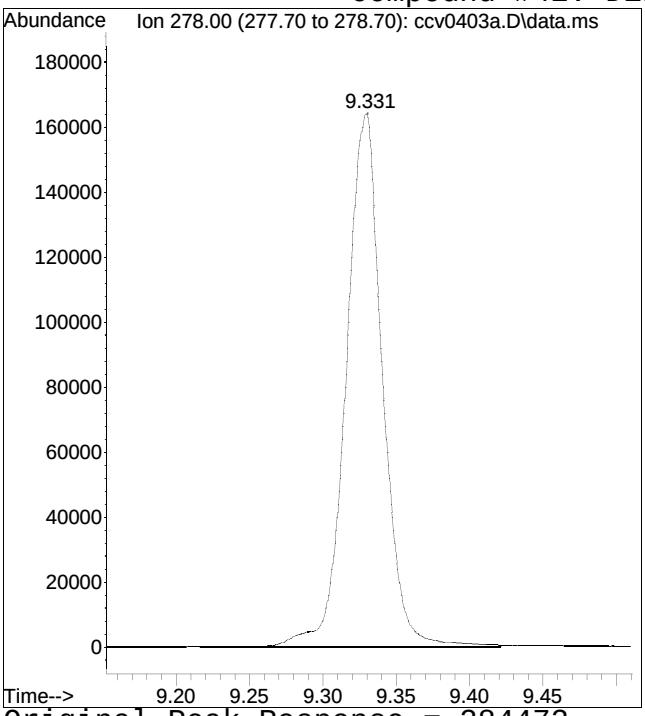
Manual Peak Response = 406848 M6

M6 = Misassignment of peak valley

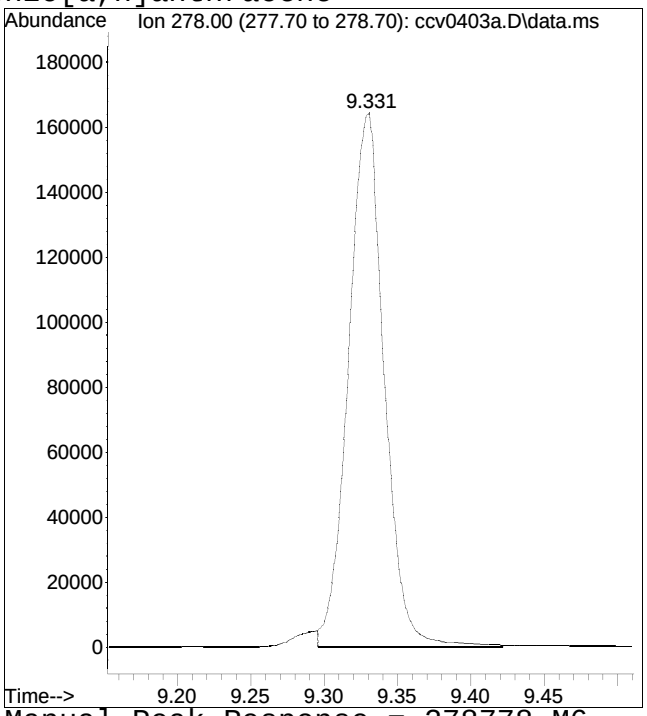
Manual Integration Report

Data Path : I:\8270SIM\SV118\260403RVTQMethod : SIM-RVT_251213sv118.M
Data File : ccv0403a.D Operator : sv118:slr
Date Inj'd : 4/3/2026 9:57 am Instrument : SV118
Sample : WG2193570-3,32,,ICV 12227 Quant Date : 4/3/2026 10:17 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 284472



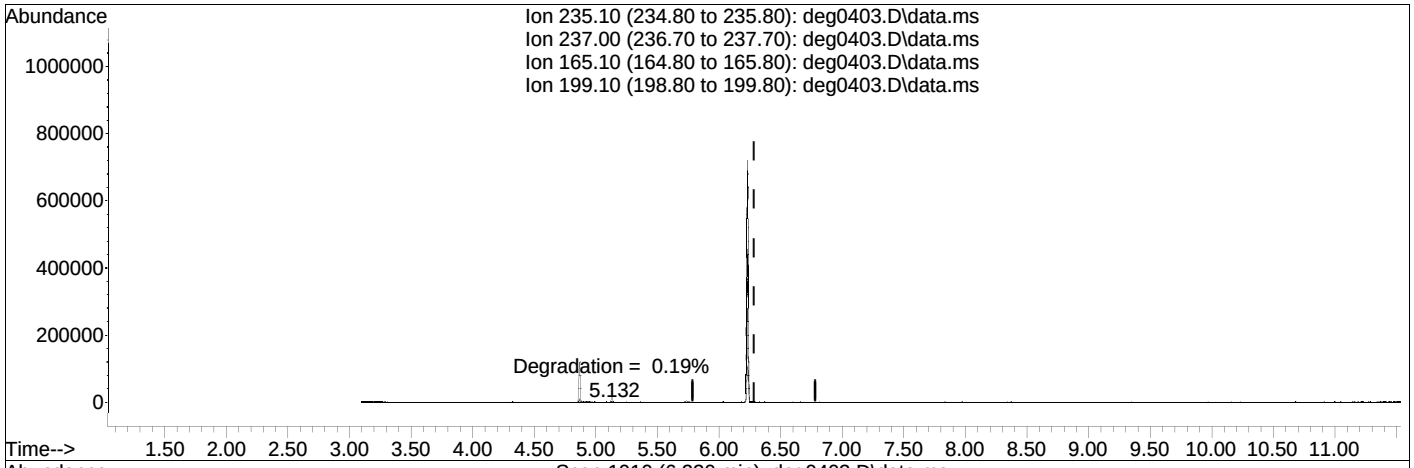
Manual Peak Response = 278778 M6

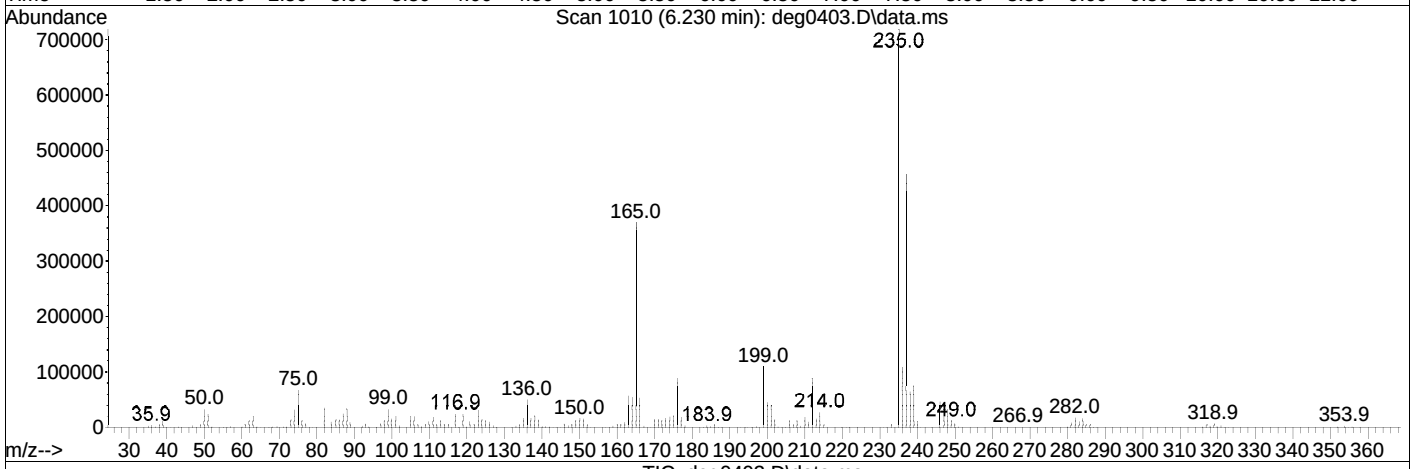
M6 = Misassignment of peak valley

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:18 am
Operator : sv118:slr
Sample : WG2193570-2,32,, dftpp SV118 Lot# 12225
Misc : WG2193570,,ical22895
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 03 09:32:54 2026
Quant Method : I:\8270SIM\SV118\260403RVT\dftppsv118.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 17 10:07:26 2026
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: deg0403.D\data.ms

(6) ddt (T)

6.230min (-0.055) 90.87

response 553900

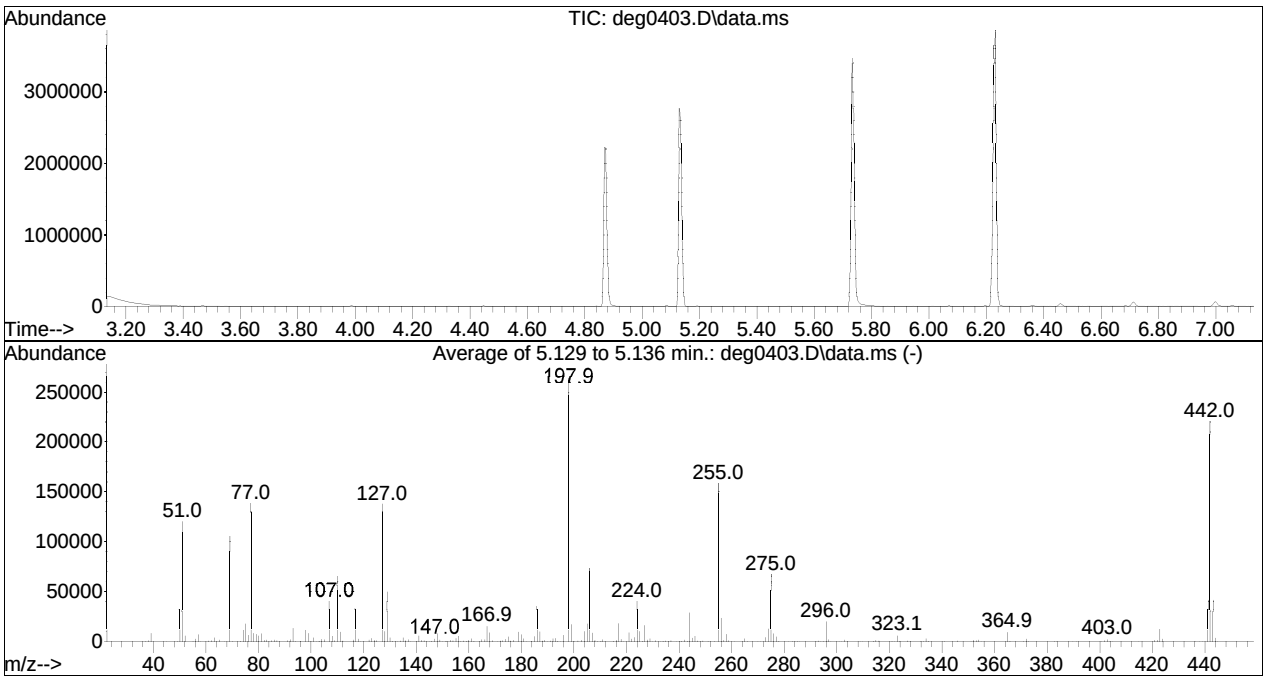
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	63.11
165.10	53.30	51.45
199.10	17.10	15.47

DFTPP

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:18 am
Operator : sv118:slr
Sample : WG2193570-1,32,, dftpp SV118 Lot# 12225
Misc : WG2193570,,ical22895
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\SV118\260403RVT\SIM-RVT_251213sv118.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Apr 03 10:16:53 2026



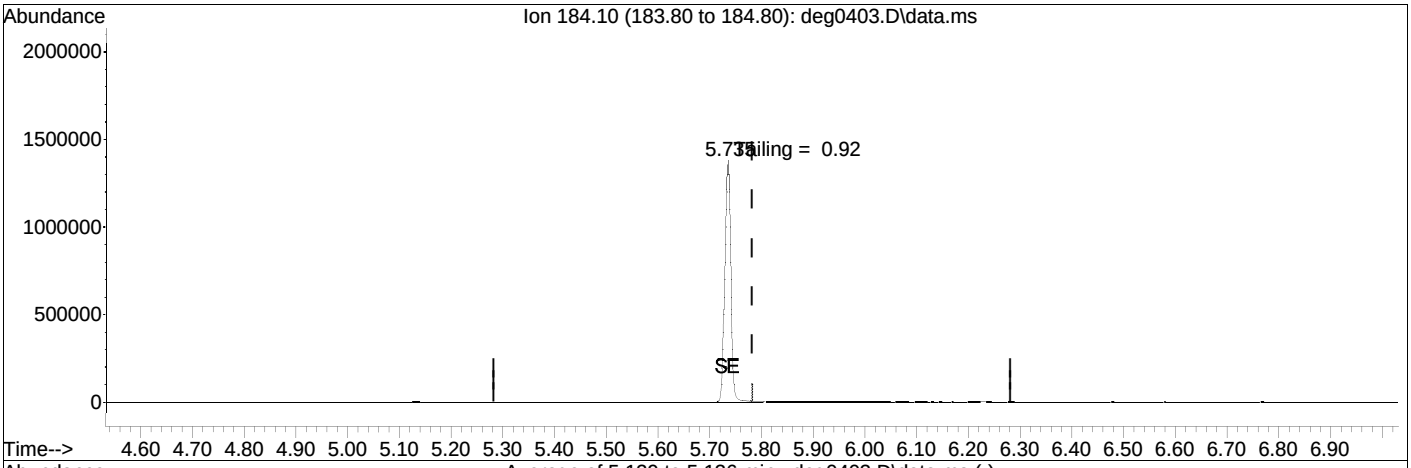
AutoFind: Scans 656, 657, 658; Background Corrected with Scan 649

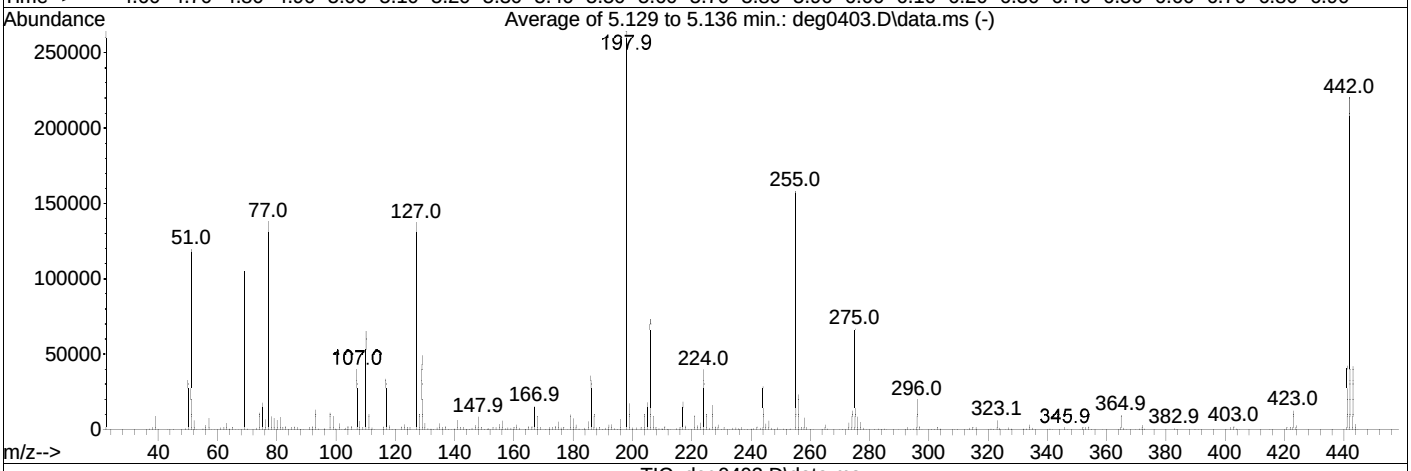
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	45.2	119584	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	104760	PASS
70	69	0.00	2	0.7	681	PASS
127	198	10	80	51.9	137259	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	264427	PASS
199	198	5	9	6.5	17157	PASS
275	198	10	60	25.3	66877	PASS
365	198	1	100	3.6	9466	PASS
441	442	0.01	24	19.1	42000	PASS
442	198	50	100	83.3	220288	PASS
443	442	15	24	19.0	41891	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:18 am
Operator : sv118:slr
Sample : WG2193570-4,32,, dftpp SV118 Lot# 12225
Misc : WG2193570,,ical22895
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 03 09:32:54 2026
Quant Method : I:\8270SIM\SV118\260403RVT\dftppsv118.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 17 10:07:26 2026
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: deg0403.D\data.ms

(3) benzidine (T)

5.735min (-0.047) 104.44

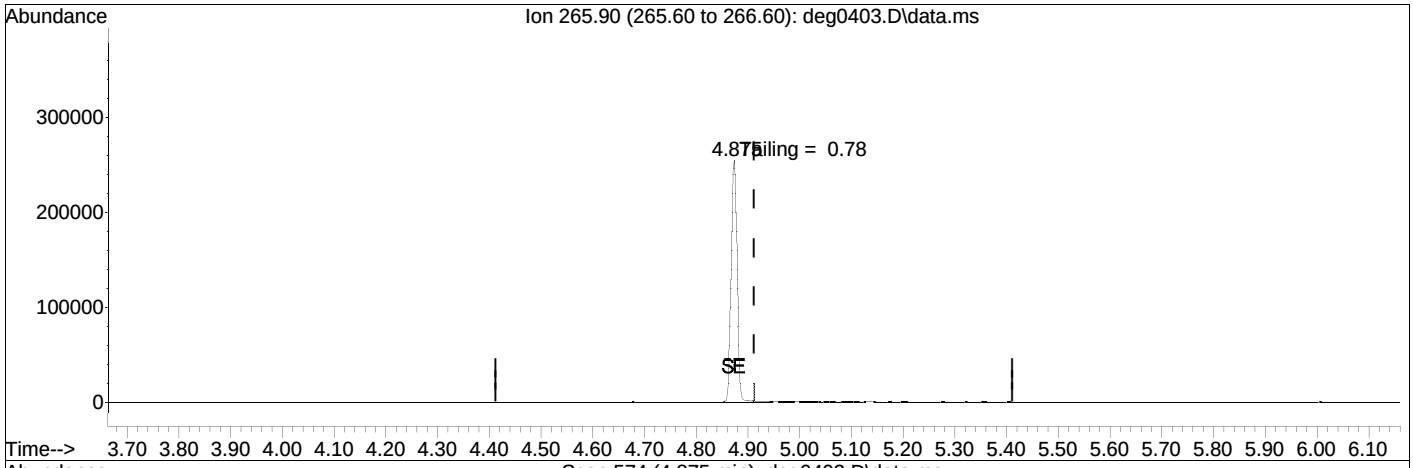
response 1063185

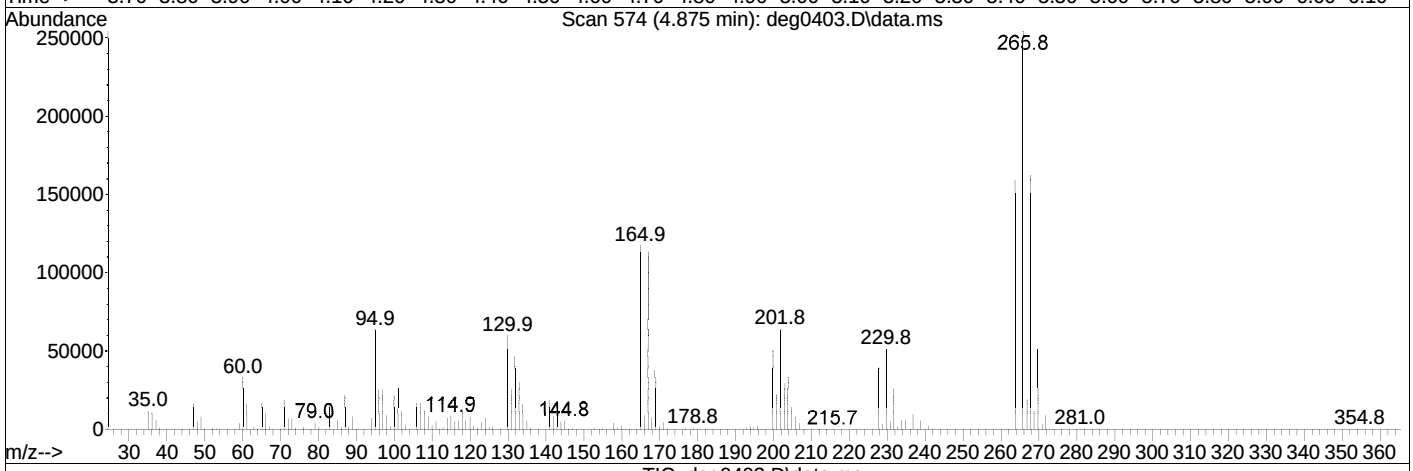
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:18 am
Operator : sv118:slr
Sample : WG2193570-5,32,, dftpp SV118 Lot# 12225
Misc : WG2193570,,ical22895
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 03 09:32:54 2026
Quant Method : I:\8270SIM\SV118\260403RVT\dftppsv118.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Mar 17 10:07:26 2026
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: deg0403.D\data.ms

(1) pentachlorophenol (T)

4.875min (-0.037) 93.01

response 195362

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV118		Calibration Date	: 04/03/26 09:57	
Lab File ID	: CCV0403A		Init. Calib. Date(s)	: 12/13/25	12/13/25
Sample No	: WG2193570-3		Init. Calib. Times	: 18:55	21:29
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.01	0	20	102	0
N-Nitrosodimethylamine	0.626	0.73	.01	-16.6	20	112	0
2-Fluorophenol	0.98	1.024	.01	-4.5	20	103	0
Phenol-d6	1.179	1.291	.01	-9.5	20	106	0
Bis(2-chloroethyl)ether	1.11	1.201	.01	-8.2	20	108	0
n-nitrosodi-n-propylamine	0.71	0.849	.01	-19.6	20	114	0
Hexachloroethane	0.505	0.552	.01	-9.3	20	109	0
Nitrobenzene-d5	0.909	1.223	.01	-34.5*	20	127	0
Naphthalene-d8	1	1	.01	0	20	108	0
Naphthalene	1.028	0.989	.01	3.8	20	103	0
Hexachlorobutadiene	0.206	0.19	.01	7.8	20	98	0
2-Methylnaphthalene	0.635	0.661	.01	-4.1	20	108	0
1-Methylnaphthalene	0.648	0.622	.01	4	20	101	0
2-Fluorobiphenyl	0.851	0.804	.01	5.5	20	99	0
2-Chloronaphthalene	0.728	0.679	.01	6.7	20	97	0
2,6-Dinitrotoluene	0.127	0.149	.01	-17.3	20	118	0
Acenaphthylene	1.082	1.112	.01	-2.8	20	101	0
Acenaphthene-d10	1	1	.01	0	20	112	0
Acenaphthene	1.347	1.236	.01	8.2	20	101	0
2,4-Dinitrotoluene	1000	1127.07	.01	-12.7	20	127	0
Fluorene	1.537	1.395	.01	9.2	20	97	0
2,4,6-Tribromophenol	0.199	0.232	.01	-16.6	20	114	0
Phenanthrene-d10	1	1	.01	0	20	106	0
4,6-Dinitro-o-cresol	1000	1204.678	.01	-20.5*	20	129	0
Hexachlorobenzene	0.263	0.248	.01	5.7	20	98	0
Pentachlorophenol	1000	1104.363	.01	-10.4	20	115	0
Phenanthrene	1.144	1	.01	12.6	20	92	0
Anthracene	1.11	1.029	.01	7.3	20	94	0
Fluoranthene	1.21	1.118	.01	7.6	20	94	0
Pyrene	1.244	1.151	.01	7.5	20	94	0
4-Terphenyl-d14	0.771	0.764	.01	0.9	20	103	0
Chrysene-d12	1	1	.01	0	20	100	0
Benzo[a]anthracene	0.416	0.372	.01	10.6	20	92	0
3,3'-Dichlorobenzidine	0.464	0.455	.01	1.9	20	92	0
Chrysene	1.363	1.276	.01	6.4	20	92	0
Bis(2-ethylhexyl)phthalate	1000	945.604	.01	5.4	20	95	0
Perylene-d12	1	1	.01	0	20	104	0
Benzo[b]fluoranthene	1.29	1.208	.01	6.4	20	94	0
Benzo[k]fluoranthene	1.304	1.239	.01	5	20	93	0
Benzo[a]pyrene	1.13	1.089	.01	3.6	20	93	0
Indeno[1,2,3-cd]pyrene	1.009	0.924	.01	8.4	20	90	0
Dibenzo[a,h]anthracene	0.974	0.961	.01	1.3	20	94	0
Benzo[g,h,i]perylene	1.051	1.002	.01	4.7	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: C&S Companies		Lab Number	: L2617421	
Project Name	: 2026 BROWN MFG PRR		Project Number	: 119.431.042	
Instrument ID	: SV125		Calibration Date	: 04/03/26 10:21	
Lab File ID	: CCV0403A		Init. Calib. Date(s)	: 11/20/25	11/20/25
Sample No	: WG2193582-3		Init. Calib. Times	: 16:30	19:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	72	0
N-Nitrosodimethylamine	0.699	0.668	.05	4.4	20	67	0
2-Fluorophenol	1.077	1.009	.05	6.3	20	69	0
Phenol-d6	1.328	1.231	.05	7.3	20	66	0
Bis(2-chloroethyl)ether	1.109	1.066	.05	3.9	20	69	0
n-nitrosodi-n-propylamine	0.833	0.78	.05	6.4	20	67	0
Hexachloroethane	0.487	0.511	.05	-4.9	20	75	0
Nitrobenzene-d5	1.18	1.11	.05	5.9	20	67	0
Naphthalene-d8	1	1	.05	0	20	75	0
Naphthalene	1.059	0.991	.05	6.4	20	72	0
Hexachlorobutadiene	0.216	0.205	.05	5.1	20	70	0
2-Methylnaphthalene	0.658	0.663	.05	-0.8	20	76	0
1-Methylnaphthalene	0.67	0.64	.05	4.5	20	72	0
2-Fluorobiphenyl	0.866	0.869	.05	-0.3	20	77	0
2-Chloronaphthalene	0.747	0.739	.05	1.1	20	74	0
2,6-Dinitrotoluene	0.161	0.177	.05	-9.9	20	82	0
Acenaphthylene	1.181	1.199	.05	-1.5	20	76	0
Acenaphthene-d10	1	1	.05	0	20	80	0
Acenaphthene	1.35	1.255	.05	7	20	73	0
2,4-Dinitrotoluene	0.391	0.416	.05	-6.4	20	83	0
Fluorene	1.572	1.421	.05	9.6	20	73	0
2,4,6-Tribromophenol	0.22	0.25	.05	-13.6	20	87	0
Phenanthrene-d10	1	1	.05	0	20	84	0
4,6-Dinitro-o-cresol	1000	1078.949	.05	-7.9	20	93	0
Hexachlorobenzene	0.263	0.239	.05	9.1	20	76	0
Pentachlorophenol	1000	1020.942	.05	-2.1	20	85	0
Phenanthrene	1.143	1.025	.05	10.3	20	75	0
Anthracene	1.145	1.021	.05	10.8	20	74	0
Fluoranthene	1.345	1.247	.05	7.3	20	78	0
Pyrene	1.39	1.255	.05	9.7	20	76	0
4-Terphenyl-d14	0.857	0.771	.05	10	20	81	0
Chrysene-d12	1	1	.05	0	20	81	0
Benzo[a]anthracene	1000	935.721	.05	6.4	20	78	0
3,3'-Dichlorobenzidine	0.495	0.534	.05	-7.9	20	86	0
Chrysene	1.338	1.318	.05	1.5	20	76	0
Bis(2-ethylhexyl)phthalate	0.808	0.887	.05	-9.8	20	91	0
Perylene-d12	1	1	.05	0	20	102	0
Benzo[b]fluoranthene	1.309	1.172	.05	10.5	20	91	0
Benzo[k]fluoranthene	1.313	1.192	.05	9.2	20	87	0
Benzo[a]pyrene	1.163	1.145	.05	1.5	20	95	0
Indeno[1,2,3-cd]pyrene	0.945	1.014	.05	-7.3	20	100	0
Dibenzo[a,h]anthracene	0.933	1.009	.05	-8.1	20	98	0
Benzo[g,h,i]perylene	1.01	1.048	.05	-3.8	20	98	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 10:21 am
Operator : SV125:csn
Sample : WG2193582-3,32,,ICV 12227 (0328g)
Misc : WG2193582,,ical22846
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 03 10:47:35 2026
Quant Method : I:\8270SIM\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:20 2026
Response via : Initial Calibration

Min. RRF : 0.050 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
2	T	N-Nitrosodimethylamine	0.699	0.668	4.4	67	0.00
3	s	2-Fluorophenol	1.077	1.009	6.3	69	0.00
4	s	Phenol-d6	1.328	1.231	7.3	66	0.00
5	T	Bis(2-chloroethyl)ether	1.109	1.066	3.9	69	0.00
6	T	n-nitrosodi-n-propylamine	0.833	0.780	6.4	67	0.00
7	t	Hexachloroethane	0.487	0.511	-4.9	75	0.00
8	s	Nitrobenzene-d5	1.180	1.110	5.9	67	0.00
9	i	Naphthalene-d8	1.000	1.000	0.0	75	0.00
10	t	Naphthalene	1.059	0.991	6.4	72	0.00
11	t	Hexachlorobutadiene	0.216	0.205	5.1	70	0.00
12	t	2-Methylnaphthalene	0.658	0.663	-0.8	76	0.00
13	t	1-Methylnaphthalene	0.670	0.640	4.5	72	0.00
14	s	2-Fluorobiphenyl	0.866	0.869	-0.3	77	0.00
15	t	2-Chloronaphthalene	0.747	0.739	1.1	74	0.00
16	t	2,6-Dinitrotoluene	0.161	0.177	-9.9	82	0.00
17	t	Acenaphthylene	1.181	1.199	-1.5	76	0.00
18	i	Acenaphthene-d10	1.000	1.000	0.0	80	0.00
19	t	Acenaphthene	1.350	1.255	7.0	73	0.00
20	t	2,4-Dinitrotoluene	0.391	0.416	-6.4	83	0.00
21	t	Fluorene	1.572	1.421	9.6	73	0.00
22	s	2,4,6-Tribromophenol	0.220	0.250	-13.6	87	0.00
23	i	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
24	T	4,6-Dinitro-o-cresol	*1000.000	1078.949	-7.9	93	0.00
25	t	Hexachlorobenzene	0.263	0.239	9.1	76	0.00
26	t	Pentachlorophenol	*1000.000	1020.942	-2.1	85	0.00
27	t	Phenanthrene	1.143	1.025	10.3	75	0.00
28	t	Anthracene	1.145	1.021	10.8	74	0.00
29	t	Fluoranthene	1.345	1.247	7.3	78	0.00
30	t	Pyrene	1.390	1.255	9.7	76	0.00
31	s	4-Terphenyl-d14	0.857	0.771	10.0	81	0.00
32	i	Chrysene-d12	1.000	1.000	0.0	81	0.00
33	t	Benzo[a]anthracene	*1000.000	935.721	6.4	78	0.00
34	t	3,3'-Dichlorobenzidine	0.495	0.534	-7.9	86	0.00
35	t	Chrysene	1.338	1.318	1.5	76	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 10:21 am
Operator : SV125:csn
Sample : WG2193582-3,32,,ICV 12227 (0328g)
Misc : WG2193582,,ical22846
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 03 10:47:35 2026
Quant Method : I:\8270SIM\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:20 2026
Response via : Initial Calibration

Min. RRF : 0.050 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)
36	T	Bis(2-ethylhexyl)phthalate	0.808	0.887	-9.8	91	0.00
37	i	Perylene-d12	1.000	1.000	0.0	102	0.00
38	t	Benzo[b]fluoranthene	1.309	1.172	10.5	91	0.00
39	t	Benzo[k]fluoranthene	1.313	1.192	9.2	87	0.00
40	t	Benzo[a]pyrene	1.163	1.145	1.5	95	0.00
41	t	Indeno[1,2,3-cd]pyrene	0.945	1.014	-7.3	100	0.00
42	t	Dibenzo[a,h]anthracene	0.933	1.009	-8.1	98	0.00
43	t	Benzo[g,h,i]perylene	1.010	1.048	-3.8	98	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 10:21 am
Operator : SV125:csn
Sample : WG2193582-3,32,,ICV 12227 (0328g)
Misc : WG2193582,,ical22846
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 03 10:47:35 2026
Quant Method : I:\8270SIM\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:20 2026
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.508	152	169063	4000.000	ng/ml	0.00
9) Naphthalene-d8	3.174	136	637005	4000.000	ng/ml	0.00
18) Acenaphthene-d10	4.157	164	379032	4000.000	ng/ml	0.00
23) Phenanthrene-d10	5.000	188	826093	4000.000	ng/ml	0.00
32) Chrysene-d12	6.612	240	678891	4000.000	ng/ml	0.00
37) Perylene-d12	7.877	264	785196	4000.000	ng/ml	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	1.914	112	42650	937.168	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 46.86%			
4) Phenol-d6	2.325	99	52049	927.241	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 46.36%			
8) Nitrobenzene-d5	2.790	82	46930	941.313	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 94.13%			
14) 2-Fluorobiphenyl	3.775	172	138406	1003.770	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 100.38%			
22) 2,4,6-Tribromophenol	4.602	330	23670	1133.353	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 56.67%			
31) 4-Terphenyl-d14	5.941	244	159277	900.399	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 90.04%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	1.411	74	28244	955.827	ng/mL	95
5) Bis(2-chloroethyl)ether	2.371	93	45048	960.690	ng/ml	91
6) n-nitrosodi-n-propylamine	2.710	70	32959	936.068	ng/ml	99
7) Hexachloroethane	2.768	117	21582	1049.521	ng/ml	96
10) Naphthalene	3.185	128	157781	935.795	ng/ml	100
11) Hexachlorobutadiene	3.257	225	32676	948.117	ng/ml	99
12) 2-Methylnaphthalene	3.567	142	105610	1007.781	ng/ml	100
13) 1-Methylnaphthalene	3.625	142	101846	954.412	ng/ml	99
15) 2-Chloronaphthalene	3.841	162	117629	988.697	ng/ml	99
16) 2,6-Dinitrotoluene	4.034	165	28207	1103.509	ng/ml#	85
17) Acenaphthylene	4.075	152	190882	1015.081	ng/ml	100
19) Acenaphthene	4.173	153	118897	929.551	ng/ml	98
20) 2,4-Dinitrotoluene	4.264	165	39458	1064.514	ng/ml	92
21) Fluorene	4.465	166	134616	903.748	ng/ml	98
24) 4,6-Dinitro-o-cresol	4.497	198	21643	1078.949	ng/ml	99
25) Hexachlorobenzene	4.785	284	49461	912.289	ng/ml	92
26) Pentachlorophenol	4.897	266	27823	1020.942	ng/ml	99
27) Phenanthrene	5.012	178	211589	896.343	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 10:21 am
Operator : SV125:csn
Sample : WG2193582-3,32,,ICV 12227 (0328g)
Misc : WG2193582,,ical22846
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 03 10:47:35 2026
Quant Method : I:\8270SIM\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:20 2026
Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
28) Anthracene	5.042	178	210934	892.016	ng/ml	100
29) Fluoranthene	5.710	202	257528	927.385	ng/ml	97
30) Pyrene	5.846	202	259249	903.335	ng/ml	100
33) Benzo[a]anthracene	6.604	226	65911	935.721	ng/ml	98
34) 3,3'-Dichlorobenzidine	6.590	252	90657	1078.287	ng/ml#	99
35) Chrysene	6.628	228	223713	985.483	ng/ml	100
36) Bis(2-ethylhexyl)phtha...	6.634	149	150485	1096.763	ng/ml	99
38) Benzo[b]fluoranthene	7.484	252	230098	895.453	ng/ml	97
39) Benzo[k]fluoranthene	7.511	252	234053	908.034	ng/ml	96
40) Benzo[a]pyrene	7.810	252	224751	984.406	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.145	276	199085	1073.062	ng/ml	94
42) Dibenzo[a,h]anthracene	9.183	278	198010M6	1081.047	ng/ml	
43) Benzo[g,h,i]perylene	9.494	276	205670	1037.772	ng/ml	94

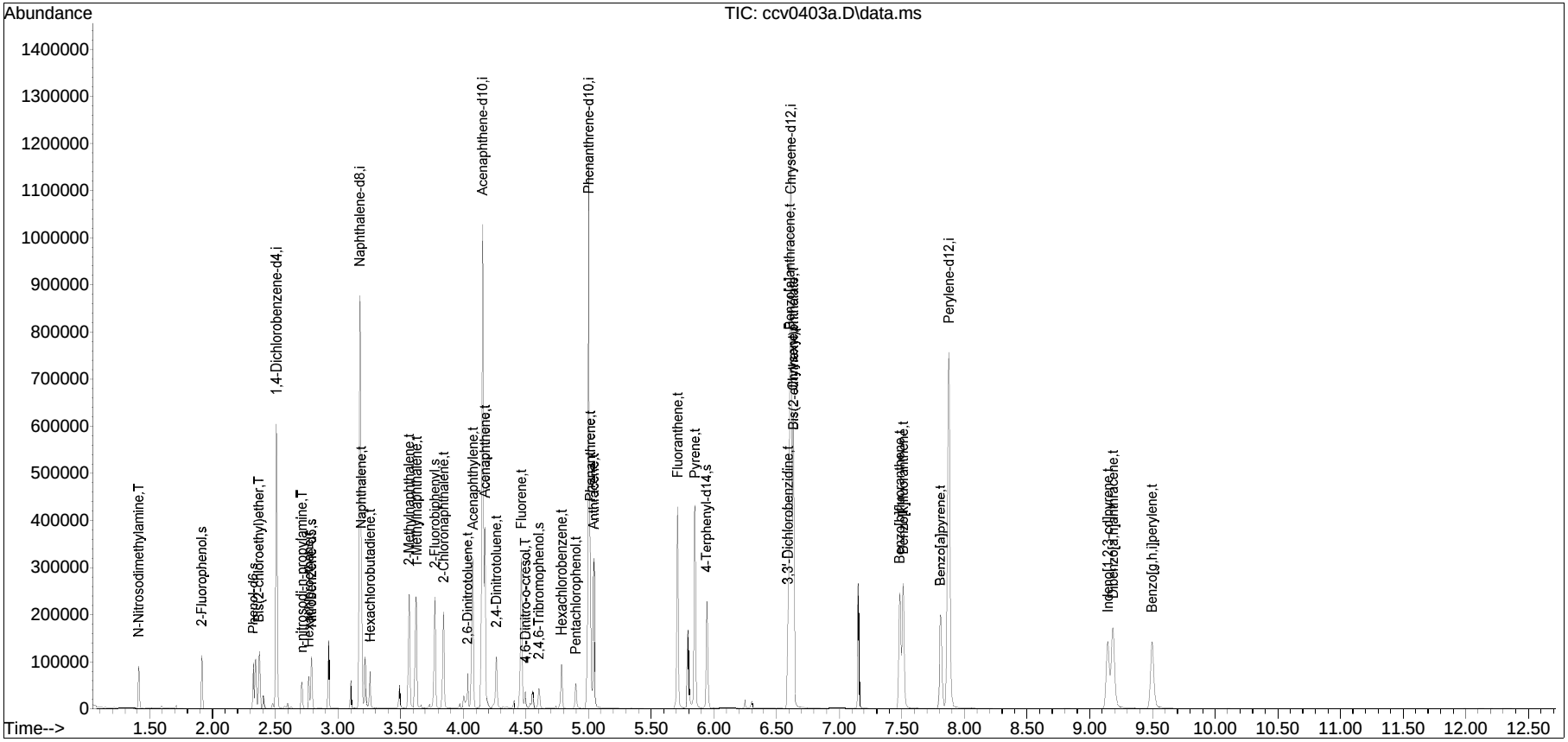
(#) = qualifier out of range (m) = manual integration (+) = signals summed

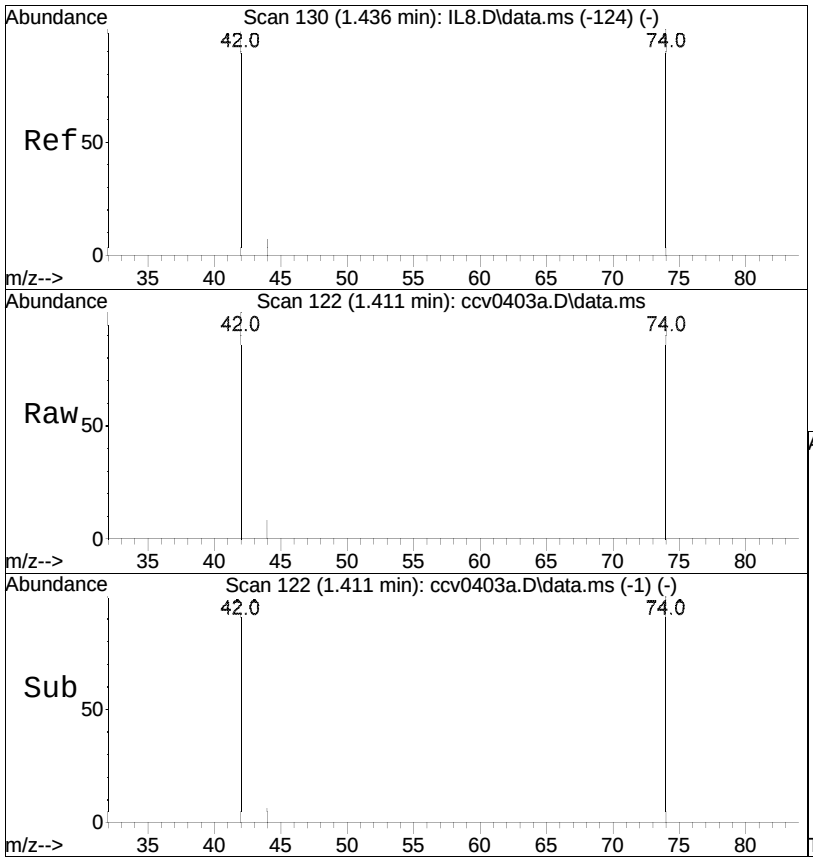
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : ccv0403a.D
Acq On : 03 Apr 2026 10:21 am
Operator : SV125:csn
Sample : WG2193582-3,32,,ICV 12227 (0328g)
Misc : WG2193582,,ical22846
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 03 10:47:35 2026
Quant Method : I:\8270SIM\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:20 2026
Response via : Initial Calibration

Sub List : Default - All compounds listed

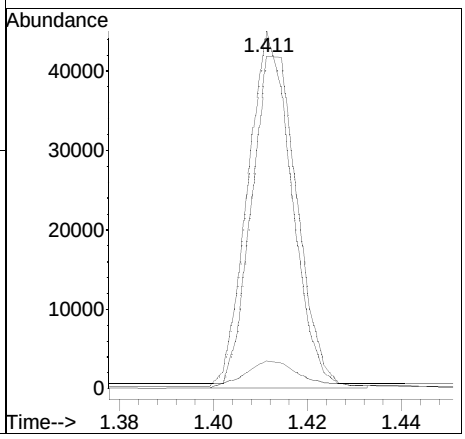


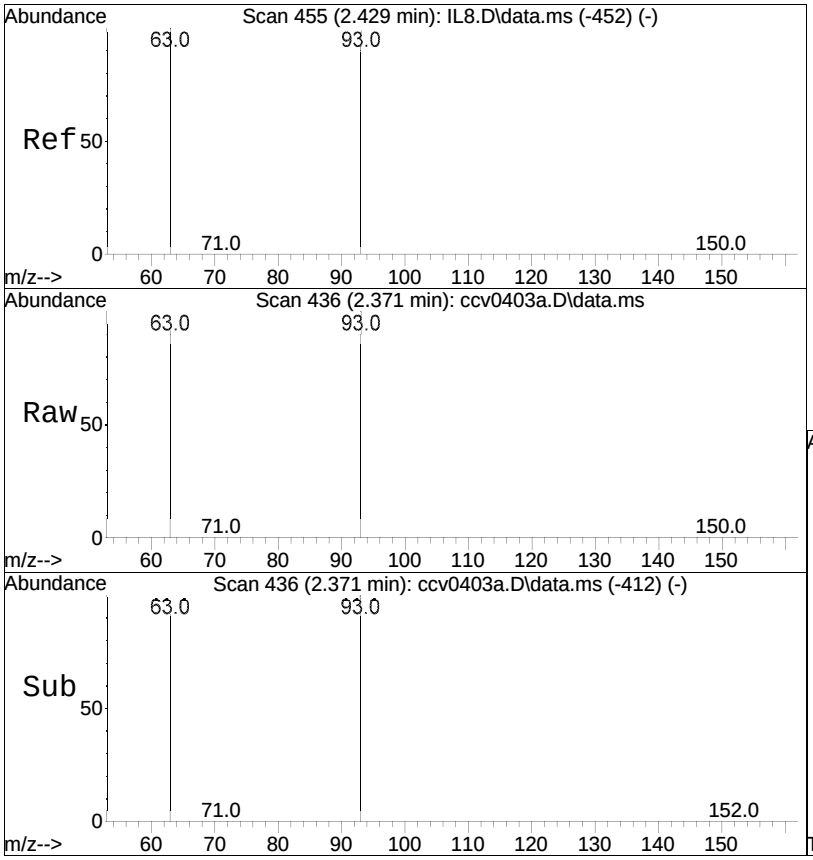


#2
N-Nitrosodimethylamine
Concen: 955.83 ng/mL
RT: 1.411 min Scan# 122
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion: 74 Resp: 28244

Ion	Ratio	Lower	Upper
74	100		
42	102.4	85.8	128.8
44	6.8	5.8	8.8

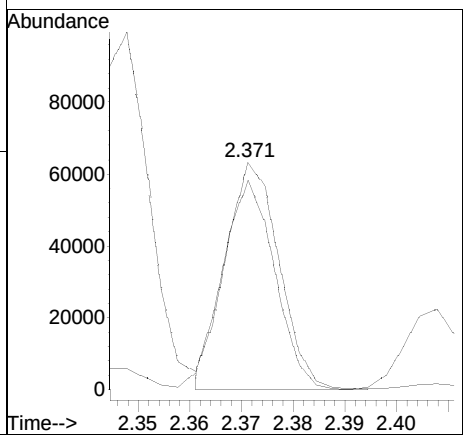


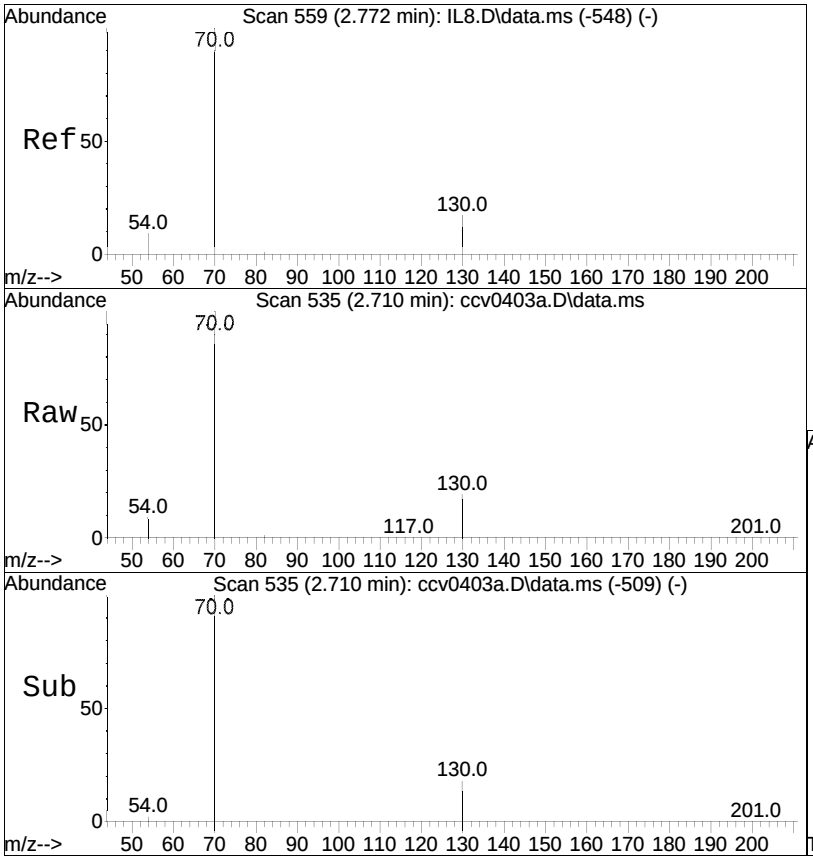


#5
Bis(2-chloroethyl)ether
Concen: 960.69 ng/ml
RT: 2.371 min Scan# 436
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion: 93 Resp: 45048

Ion	Ratio	Lower	Upper
93	100		
63	91.0	80.2	120.2

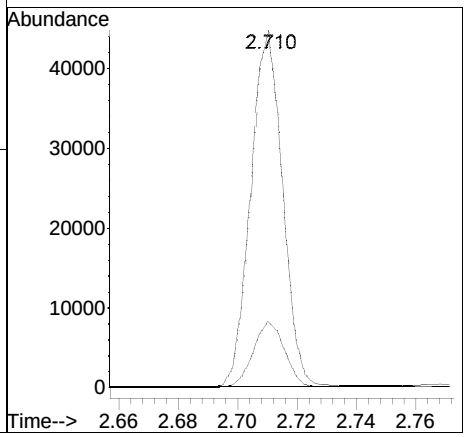


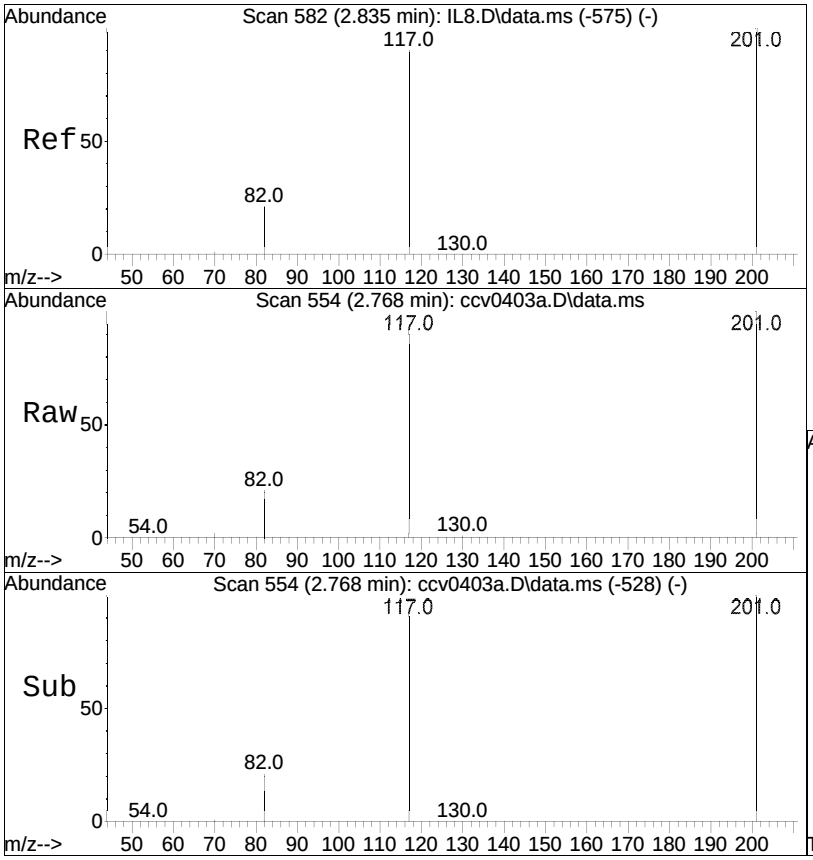


#6
n-nitrosodi-n-propylamine
Concen: 936.07 ng/ml
RT: 2.710 min Scan# 535
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion: 70 Resp: 32959

Ion	Ratio	Lower	Upper
70	100		
130	18.4	14.2	21.4

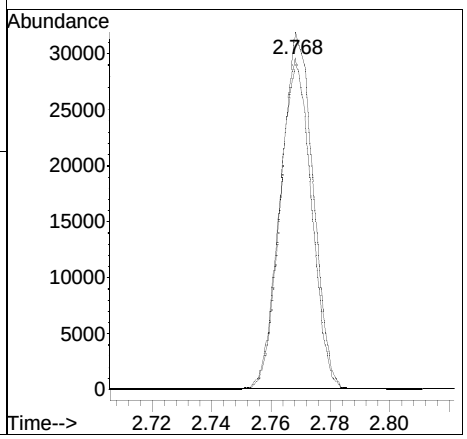


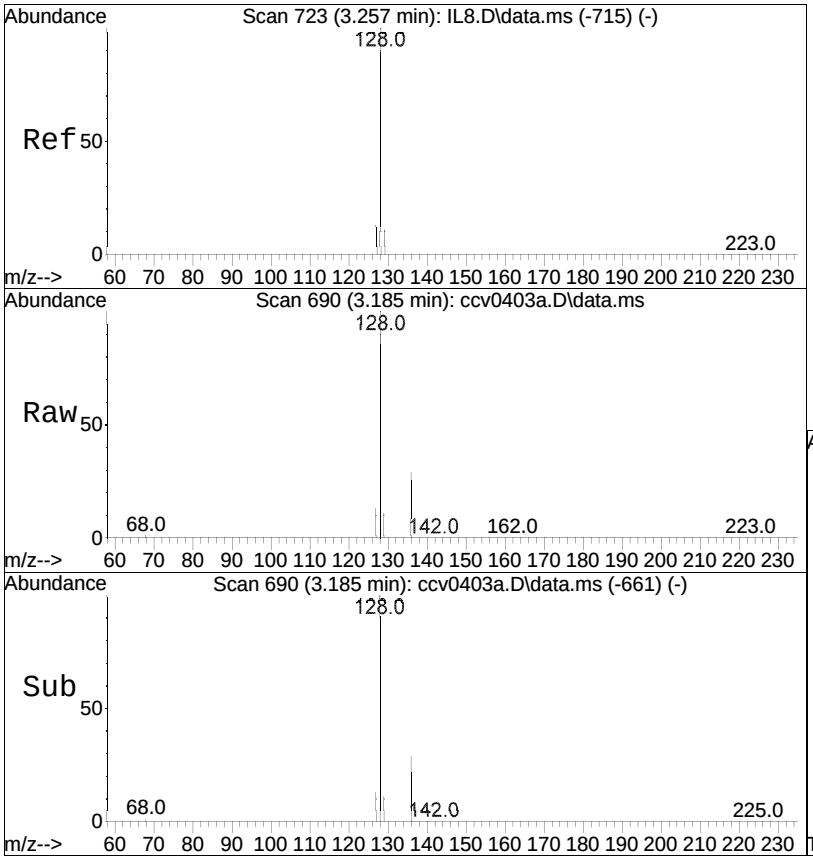


#7
Hexachloroethane
Concen: 1049.52 ng/ml
RT: 2.768 min Scan# 554
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:117 Resp: 21582

Ion	Ratio	Lower	Upper
117	100		
201	108.9	91.0	136.4

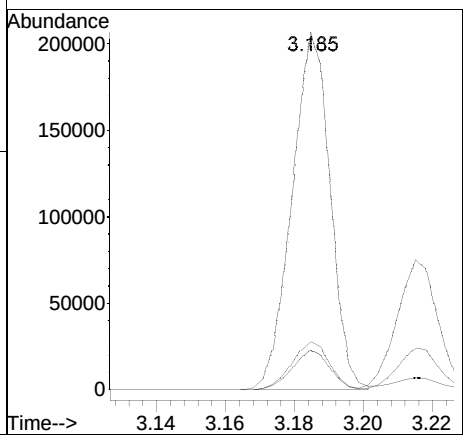


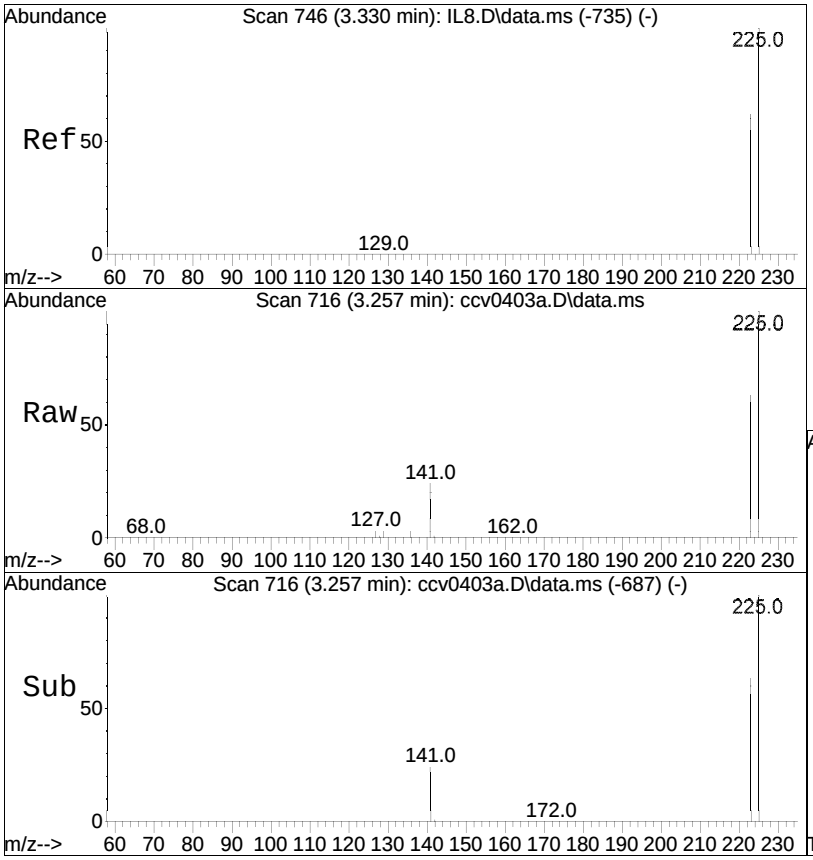


#10
Naphthalene
Concen: 935.80 ng/ml
RT: 3.185 min Scan# 690
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:128 Resp: 157781

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.7	16.1

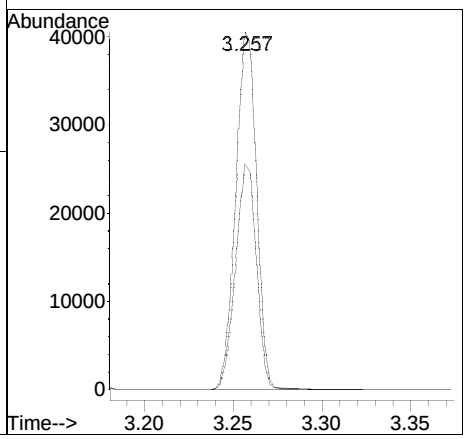


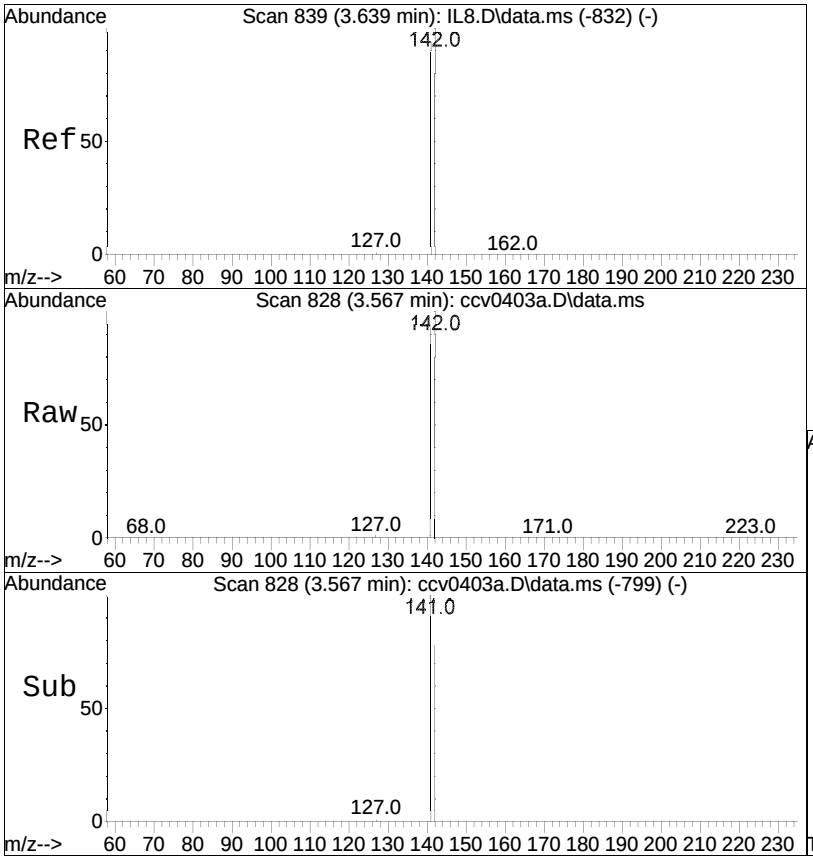


#11
Hexachlorobutadiene
Concen: 948.12 ng/ml
RT: 3.257 min Scan# 716
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:225 Resp: 32676

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0

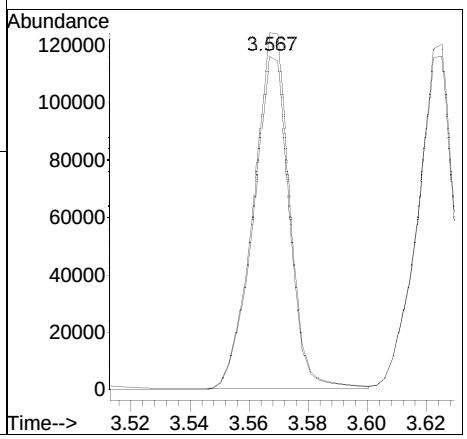


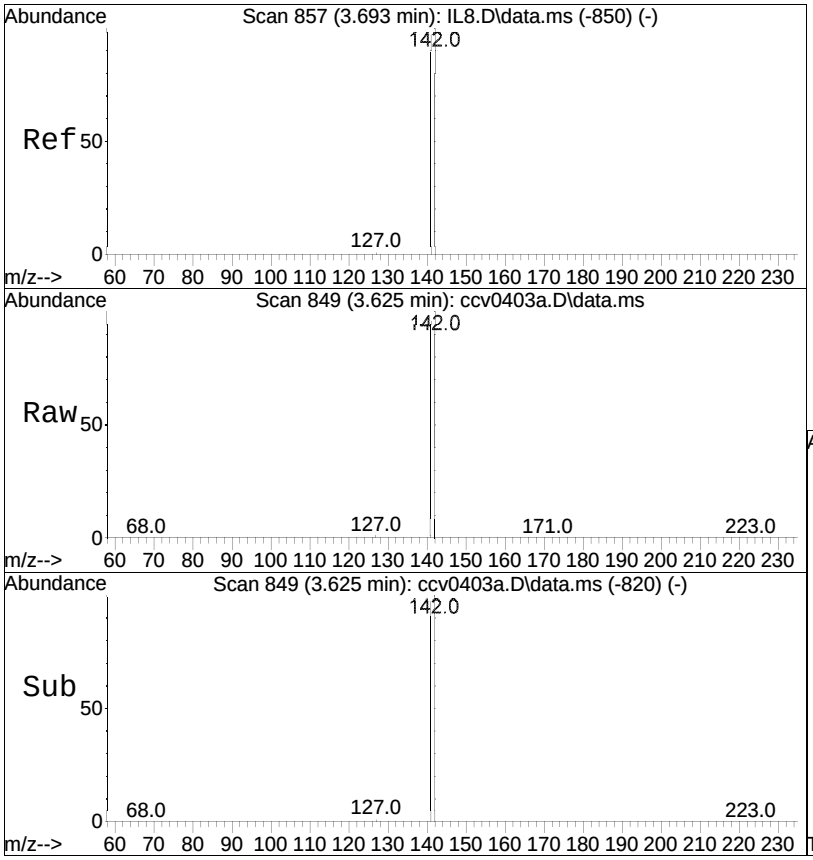


#12
2-Methylnaphthalene
Concen: 1007.78 ng/ml
RT: 3.567 min Scan# 828
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:142 Resp: 105610

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.4	111.6

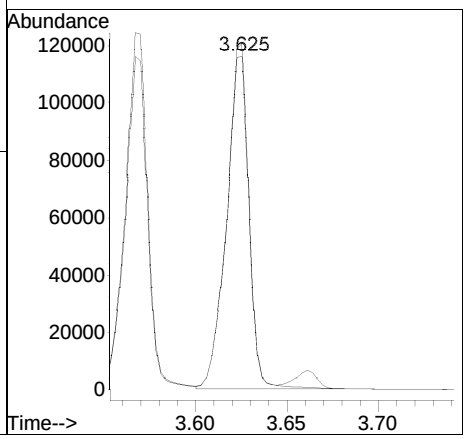


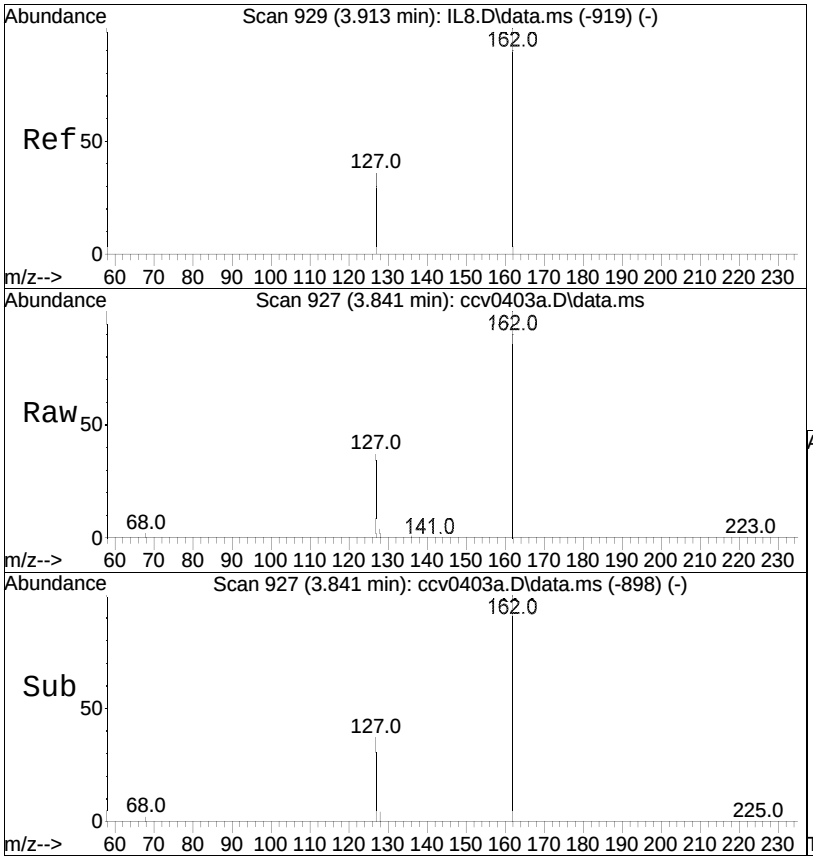


#13
1-Methylnaphthalene
Concen: 954.41 ng/ml
RT: 3.625 min Scan# 849
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:142 Resp: 101846

Ion	Ratio	Lower	Upper
142	100		
141	94.6	76.8	115.2

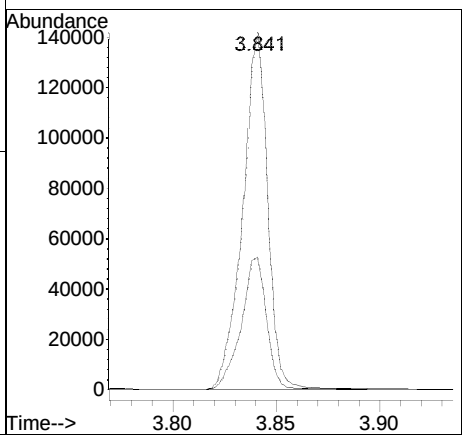


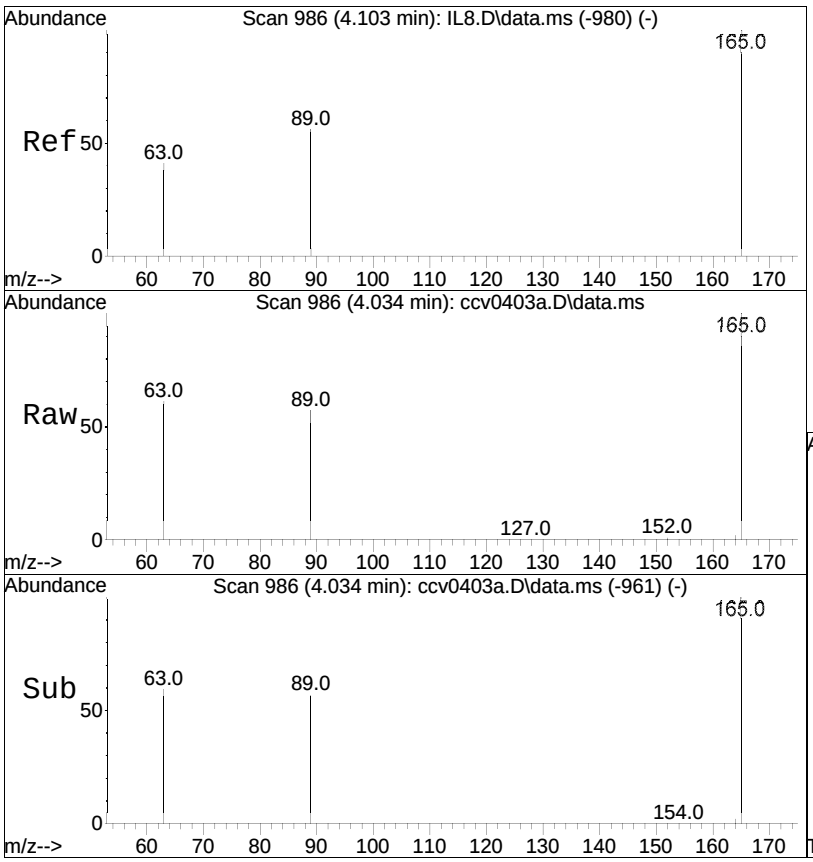


#15
2-Chloronaphthalene
Concen: 988.70 ng/ml
RT: 3.841 min Scan# 927
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:162 Resp: 117629

Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.8	44.6

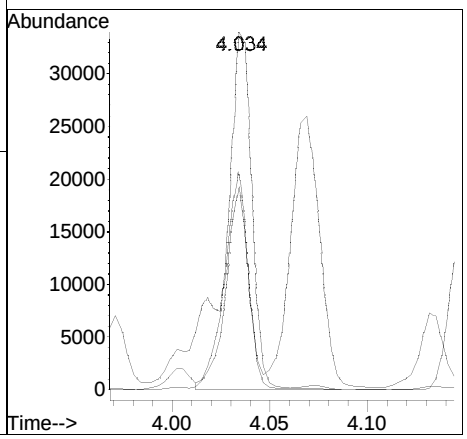


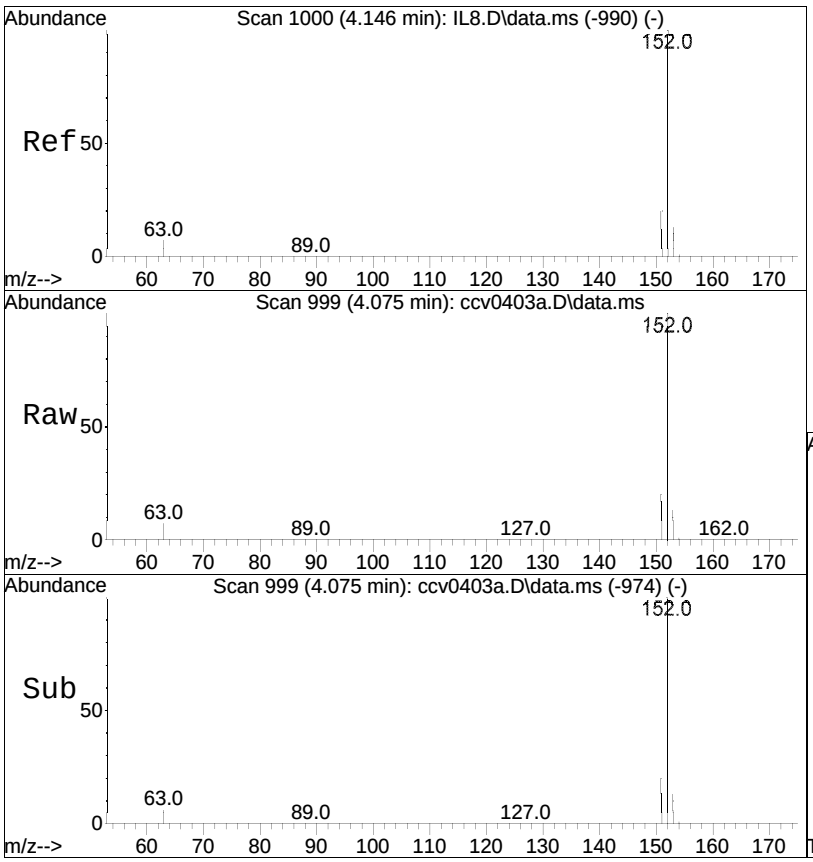


#16
2,6-Dinitrotoluene
Concen: 1103.51 ng/ml
RT: 4.034 min Scan# 986
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:165 Resp: 28207

Ion	Ratio	Lower	Upper
165	100		
89	54.5	45.8	68.8
63	82.4	50.5	75.7#

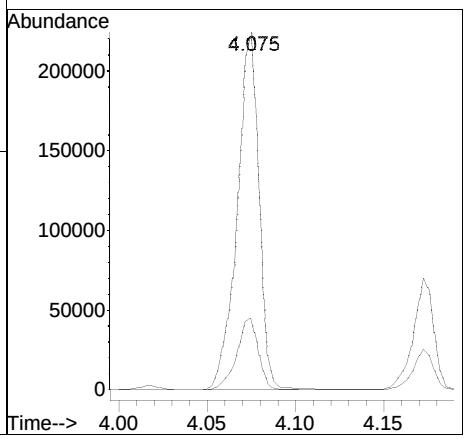


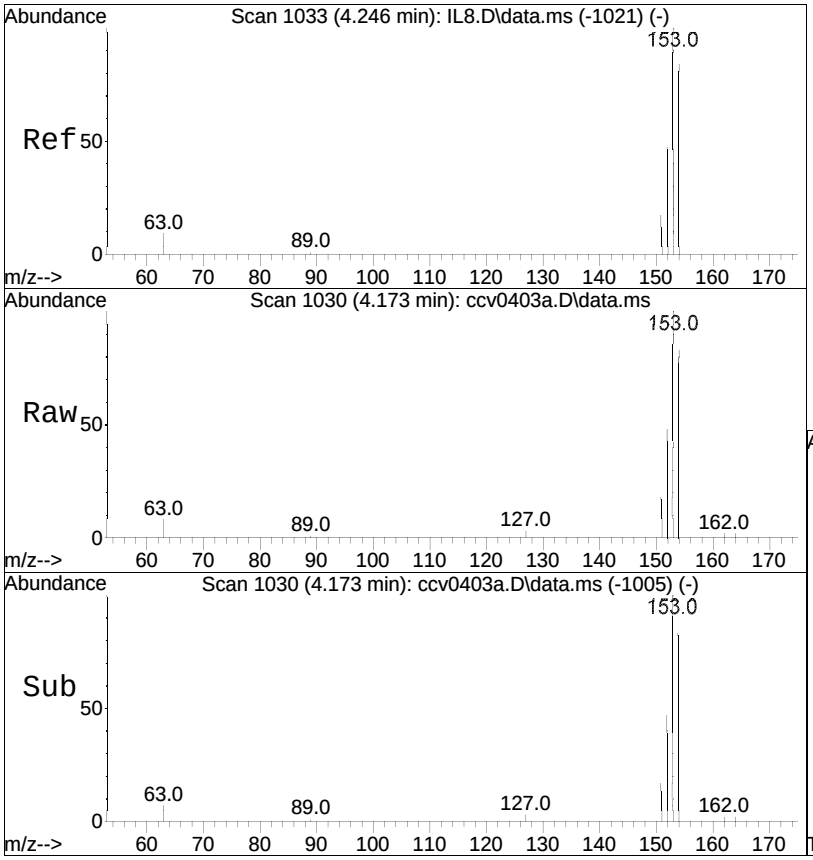


#17
Acenaphthylene
Concen: 1015.08 ng/ml
RT: 4.075 min Scan# 999
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:152 Resp: 190882

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0

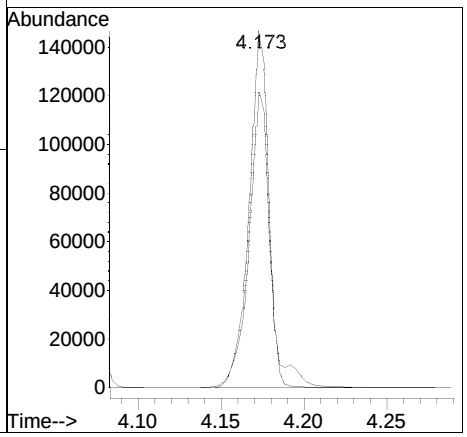


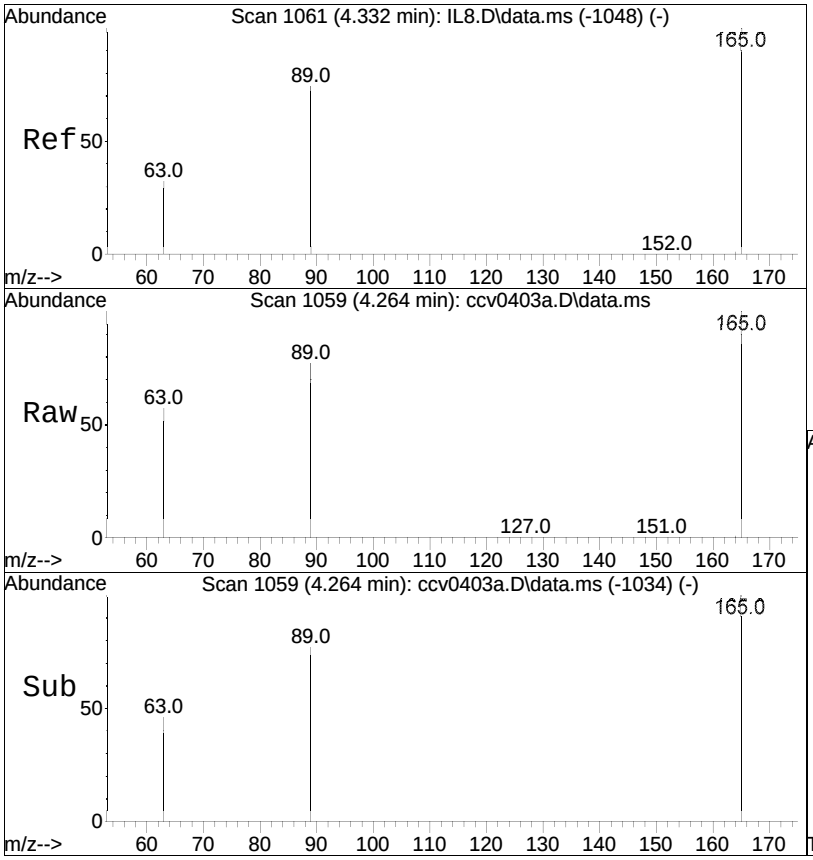


#19
Acenaphthene
Concen: 929.55 ng/ml
RT: 4.173 min Scan# 1030
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:153 Resp: 118897

Ion	Ratio	Lower	Upper
153	100		
154	91.1	71.8	107.6

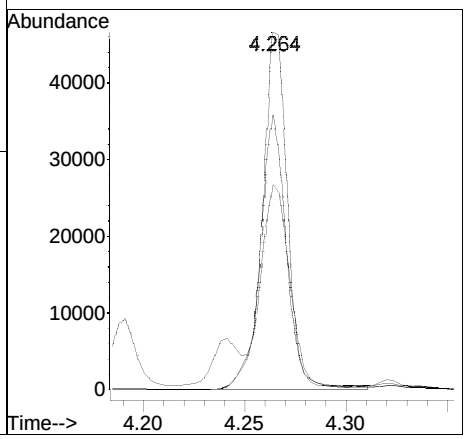


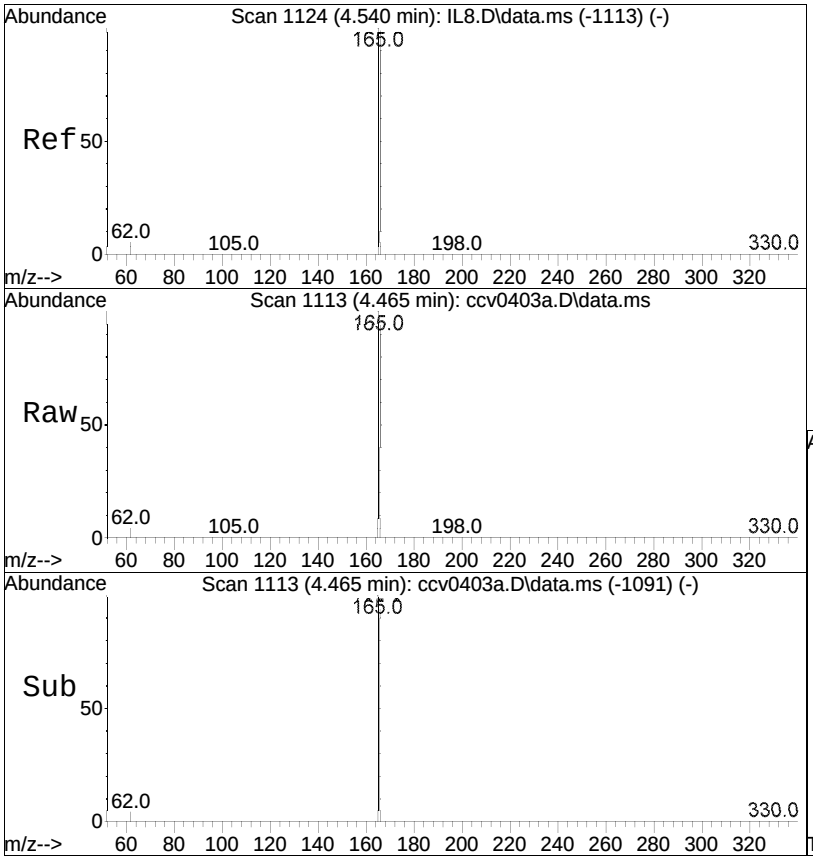


#20
2,4-Dinitrotoluene
Concen: 1064.51 ng/ml
RT: 4.264 min Scan# 1059
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:165 Resp: 39458

Ion	Ratio	Lower	Upper
165	100		
89	79.4	66.9	100.3
63	64.8	59.6	89.4

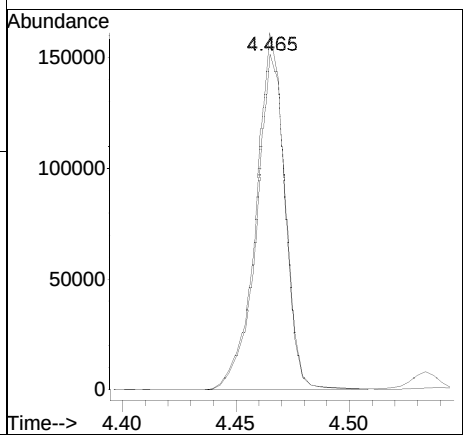


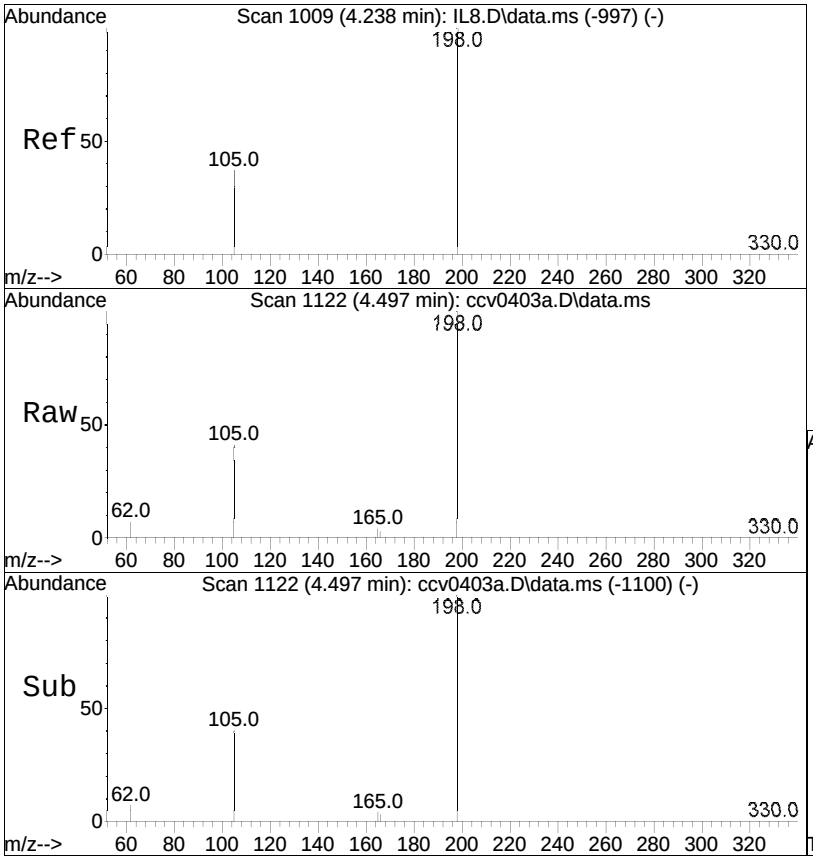


#21
Fluorene
Concen: 903.75 ng/ml
RT: 4.465 min Scan# 1113
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:166 Resp: 134616

Ion	Ratio	Lower	Upper
166	100		
165	105.2	82.9	124.3

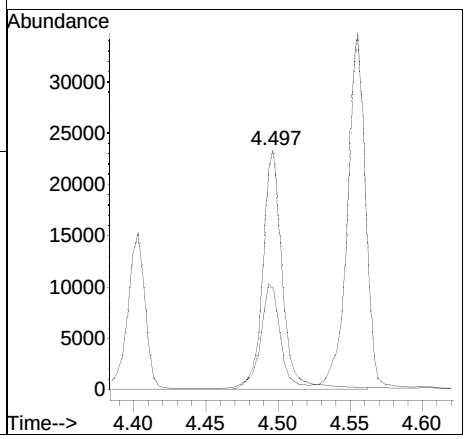


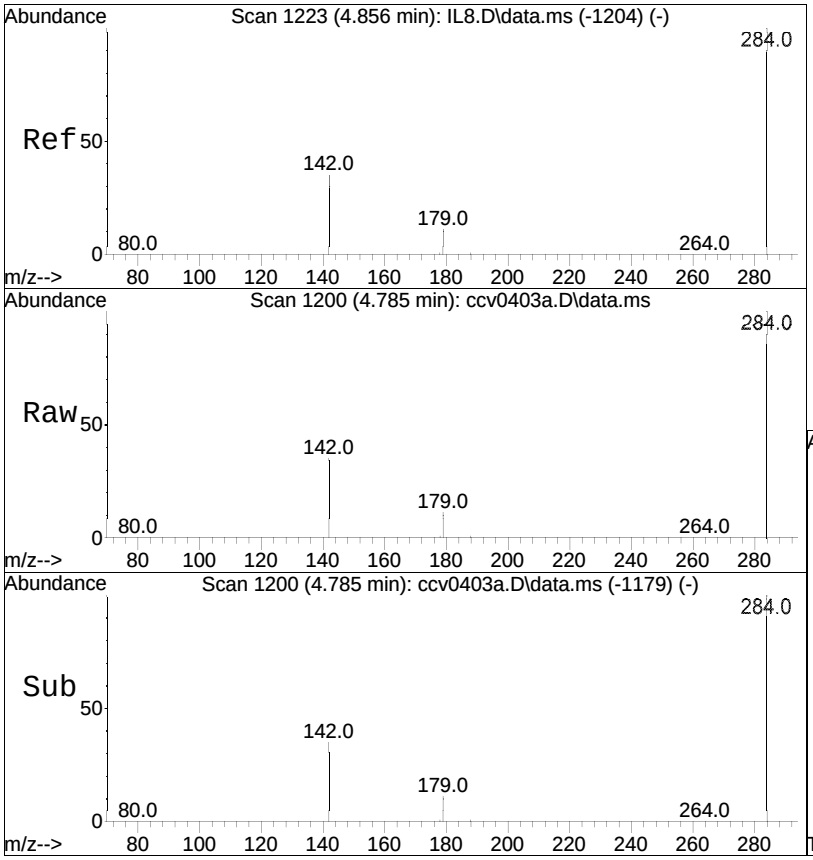


#24
4,6-Dinitro-o-cresol
Concen: 1078.95 ng/ml
RT: 4.497 min Scan# 1122
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:198 Resp: 21643

Ion	Ratio	Lower	Upper
198	100		
105	44.7	36.0	54.0

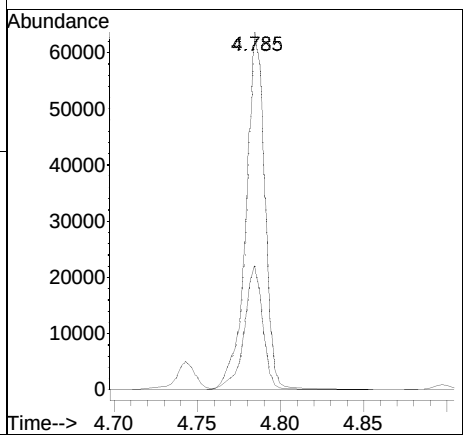


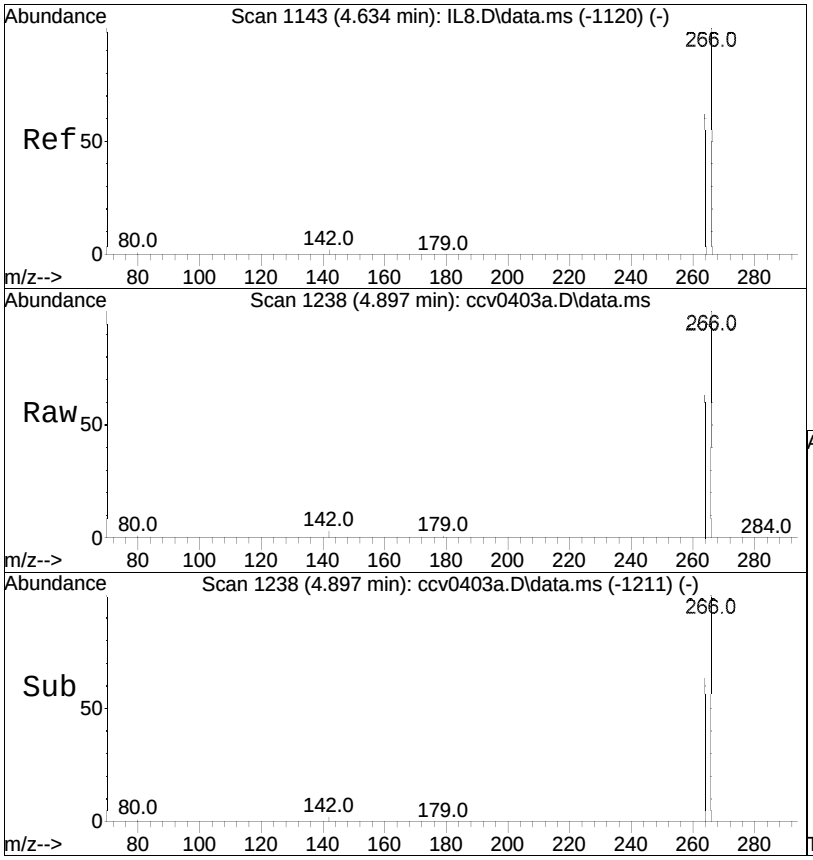


#25
Hexachlorobenzene
Concen: 912.29 ng/ml
RT: 4.785 min Scan# 1200
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:284 Resp: 49461

Ion	Ratio	Lower	Upper
284	100		
142	34.3	23.9	35.9

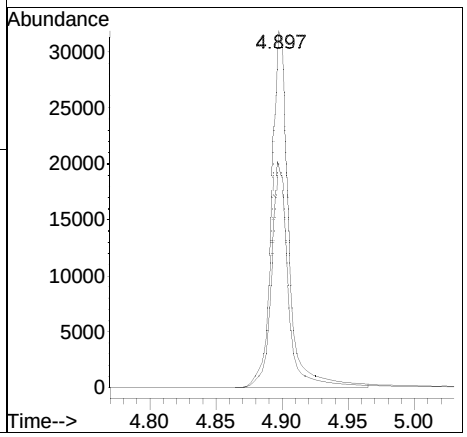


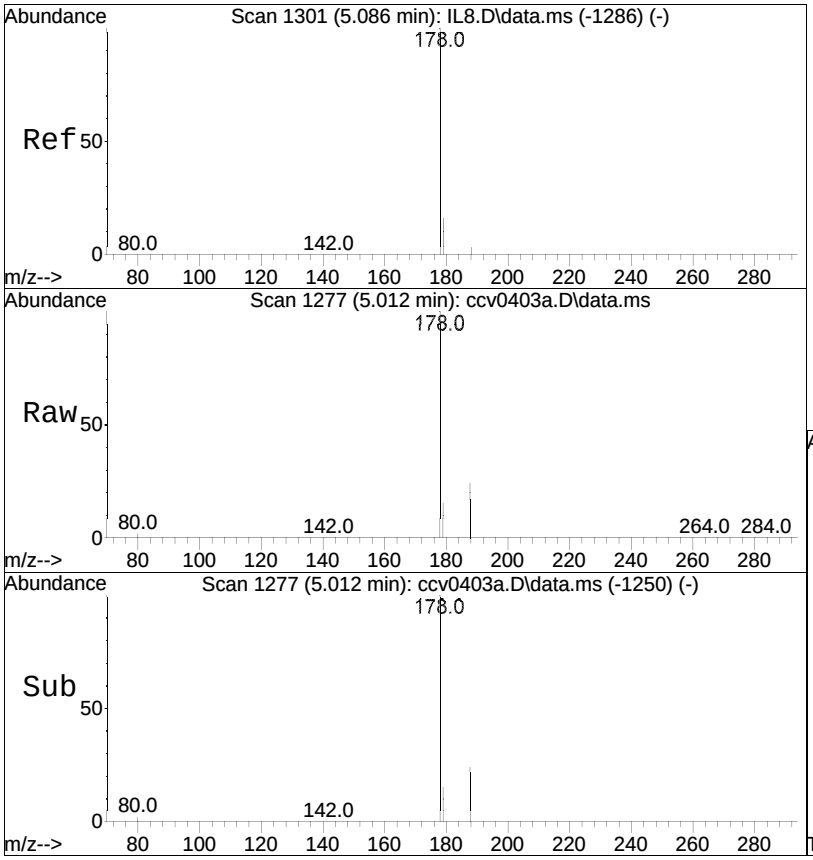


#26
Pentachlorophenol
Concen: 1020.94 ng/ml
RT: 4.897 min Scan# 1238
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:266 Resp: 27823

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.6	76.0

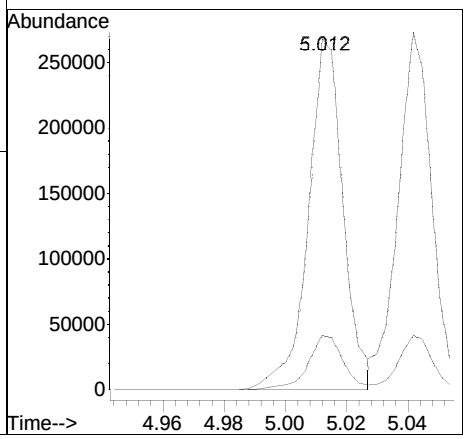


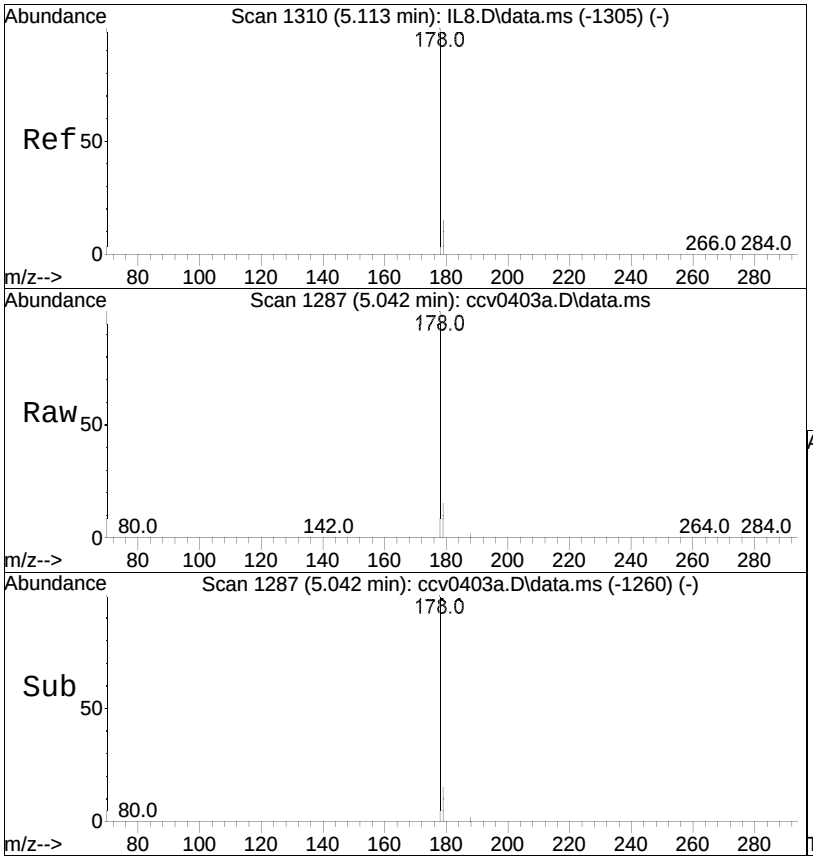


#27
Phenanthrene
Concen: 896.34 ng/ml
RT: 5.012 min Scan# 1277
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:178 Resp: 211589

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7

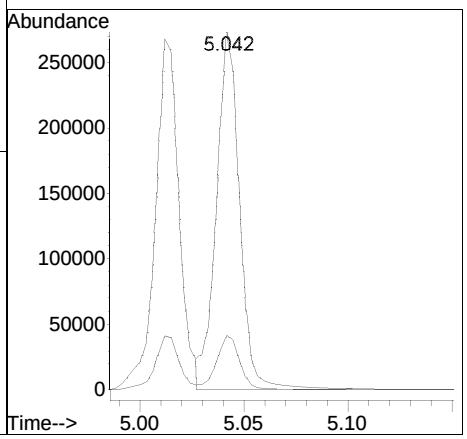


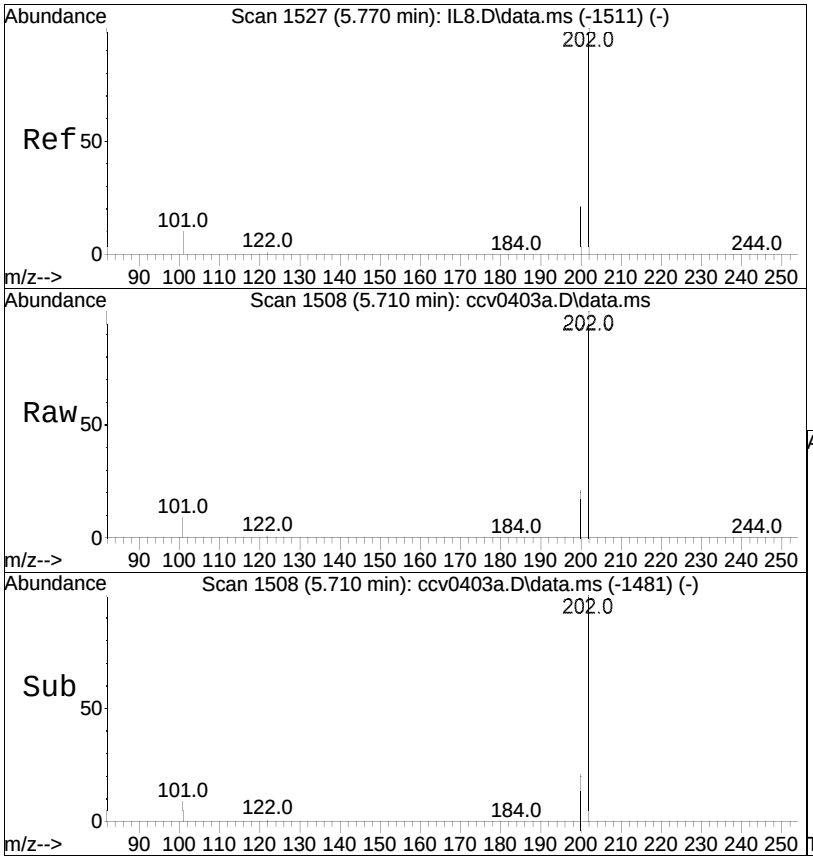


#28
Anthracene
Concen: 892.02 ng/ml
RT: 5.042 min Scan# 1287
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:178 Resp: 210934

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5

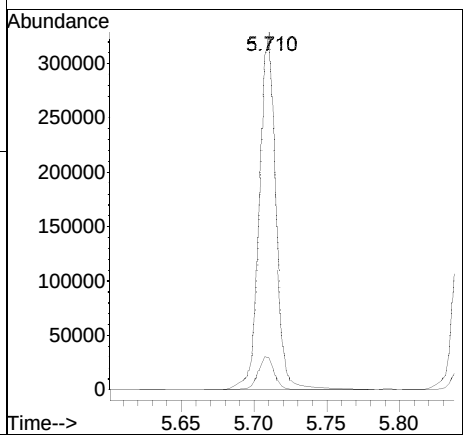


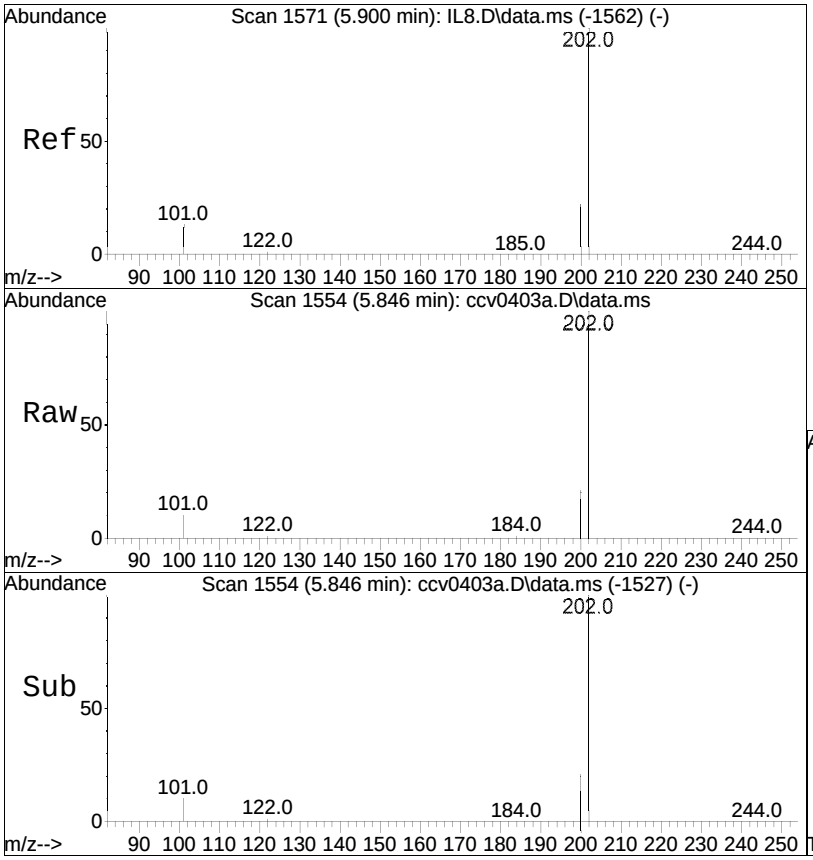


#29
Fluoranthene
Concen: 927.38 ng/ml
RT: 5.710 min Scan# 1508
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:202 Resp: 257528

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.3	12.5

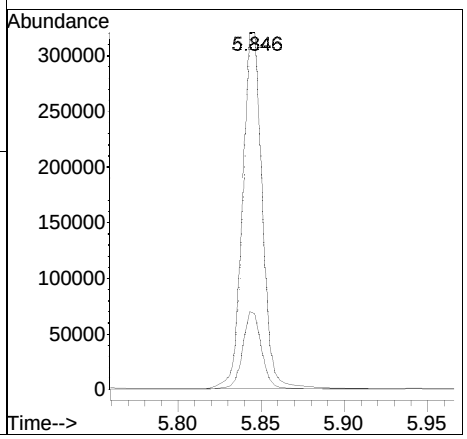


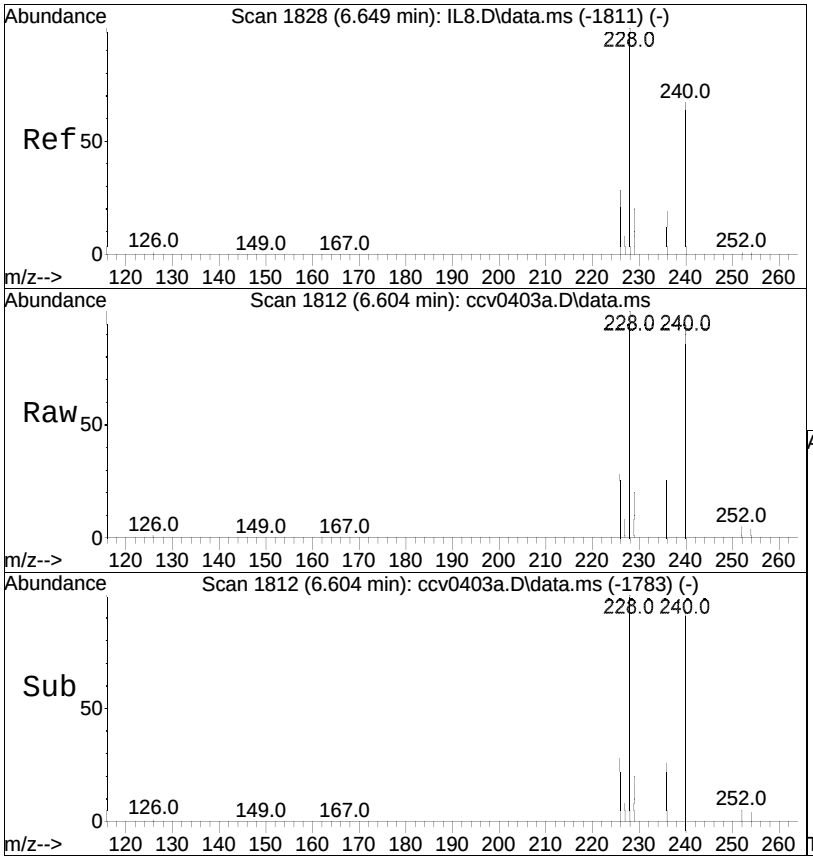


#30
Pyrene
Concen: 903.33 ng/ml
RT: 5.846 min Scan# 1554
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:202 Resp: 259249

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6

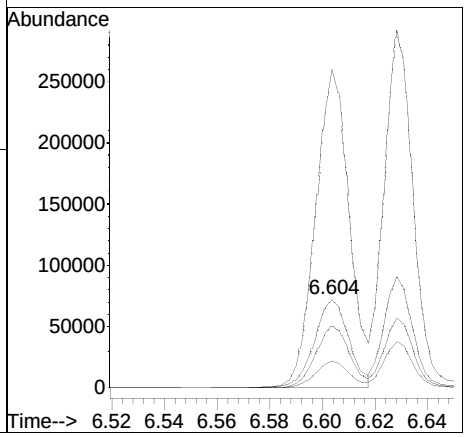


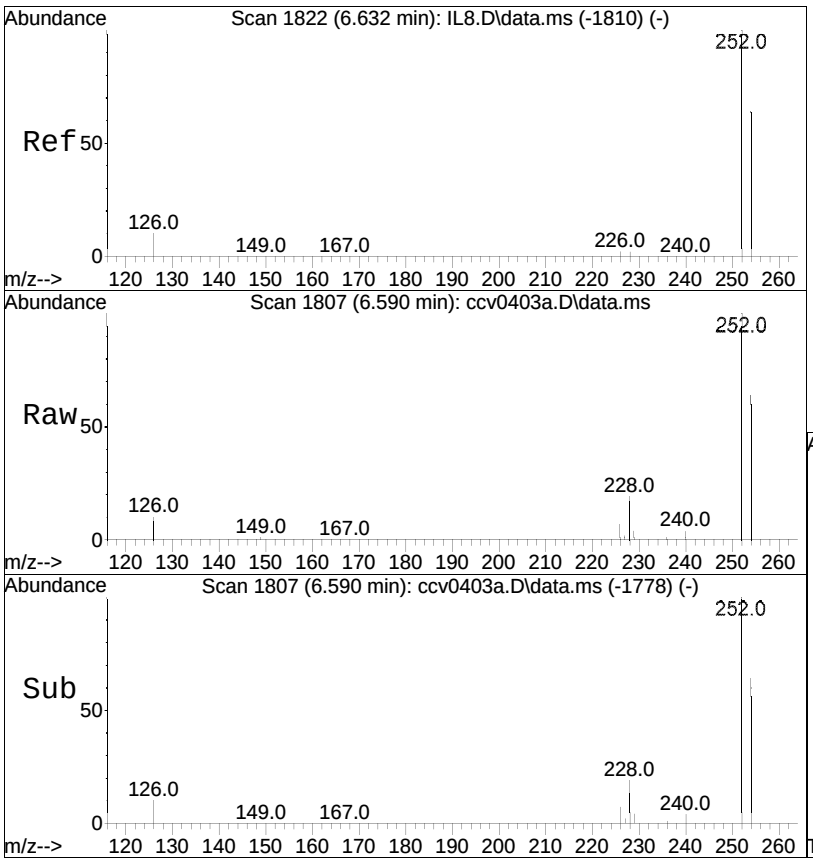


#33
Benzo[a]anthracene
Concen: 935.72 ng/ml
RT: 6.604 min Scan# 1812
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:226 Resp: 65911

Ion	Ratio	Lower	Upper
226	100		
227	29.8	23.5	35.3
228	350.6	283.8	425.8
229	68.9	55.5	83.3

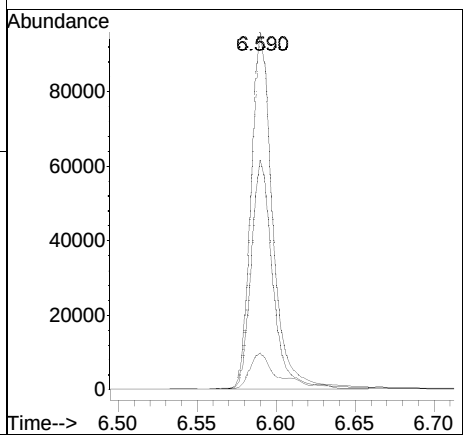


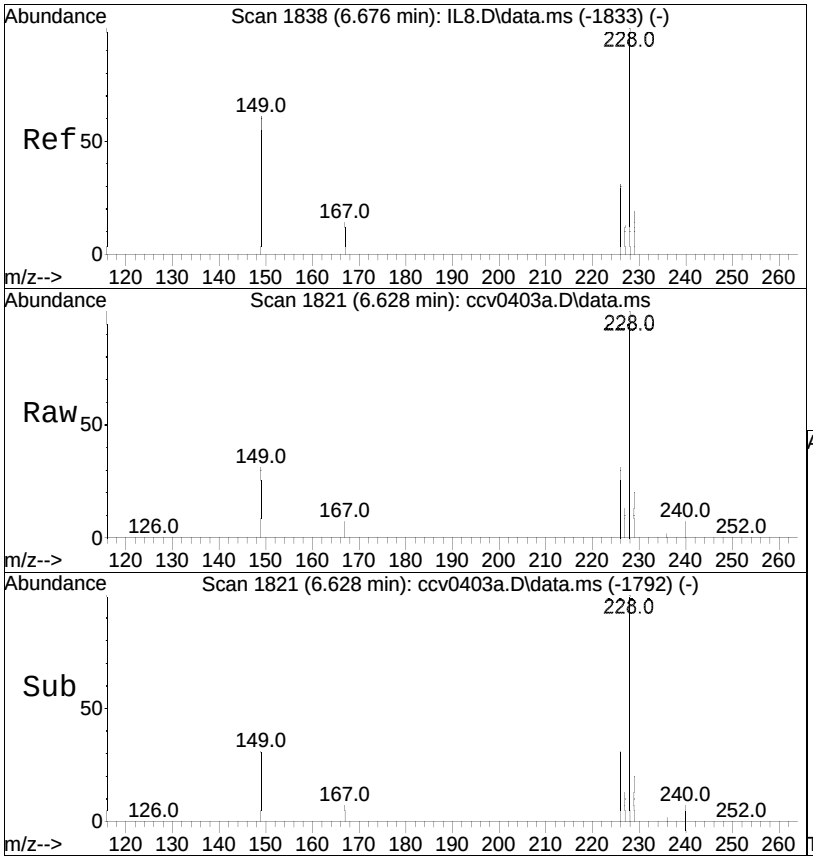


#34
3,3'-Dichlorobenzidine
Concen: 1078.29 ng/ml
RT: 6.590 min Scan# 1807
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:252 Resp: 90657

Ion	Ratio	Lower	Upper
252	100		
126	12.8	8.3	12.5#
254	64.5	51.4	77.2

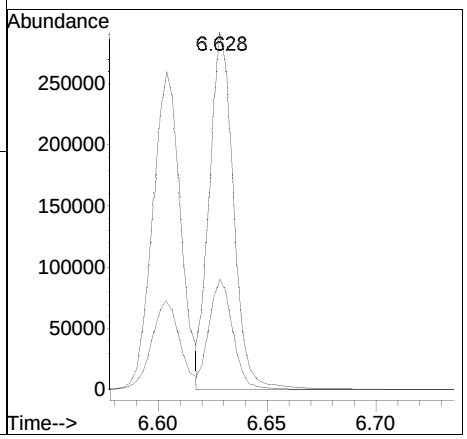


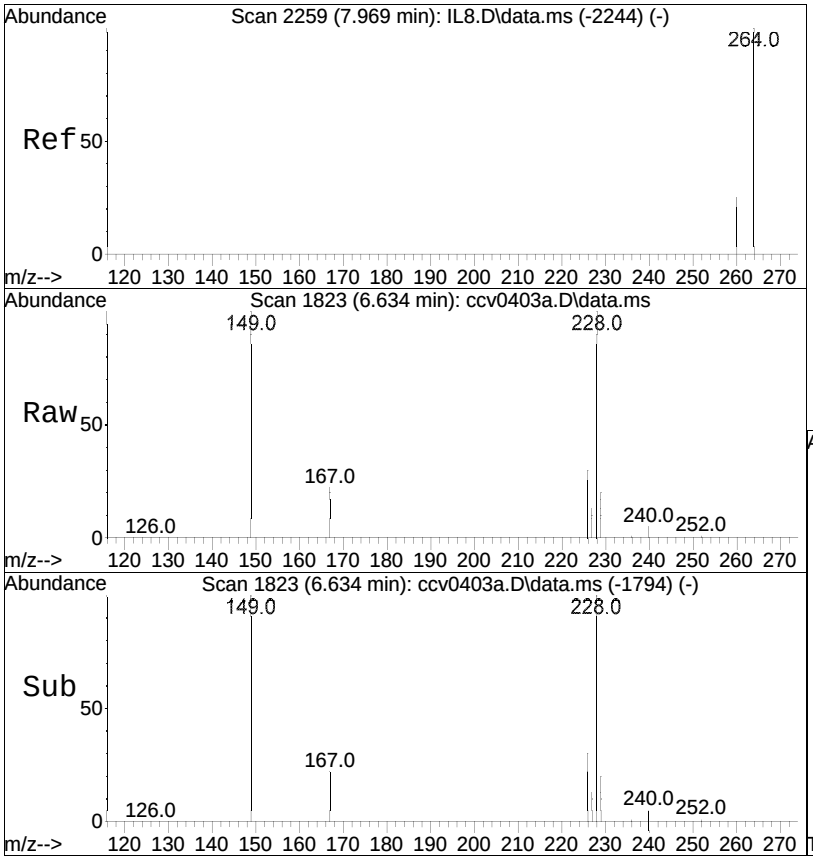


#35
Chrysene
Concen: 985.48 ng/ml
RT: 6.628 min Scan# 1821
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:228 Resp: 223713

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1

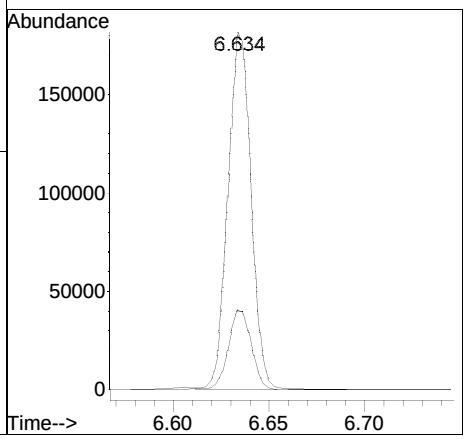


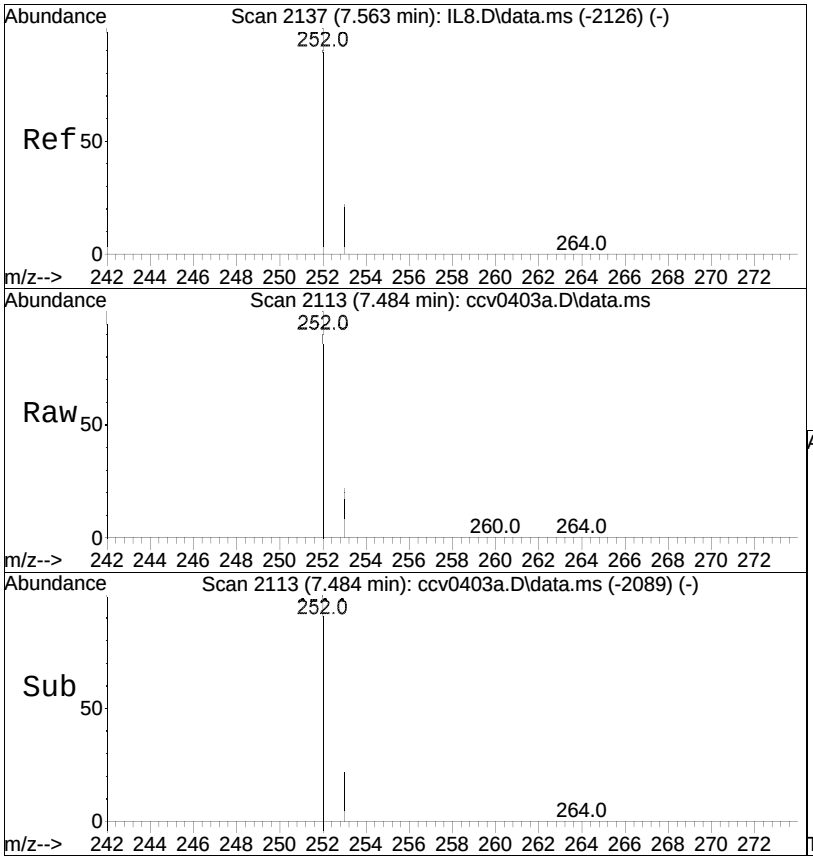


#36
Bis(2-ethylhexyl)phthalate
Concen: 1096.76 ng/ml
RT: 6.634 min Scan# 1823
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:149 Resp: 150485

Ion	Ratio	Lower	Upper
149	100		
167	22.6	18.4	27.6

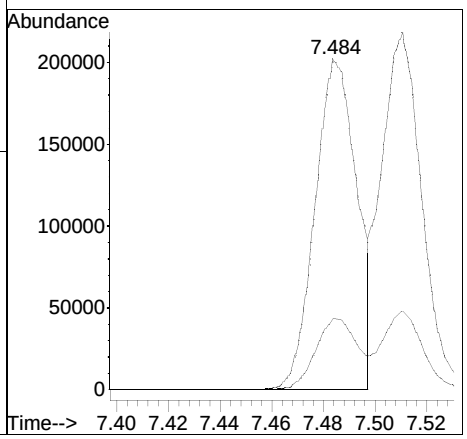


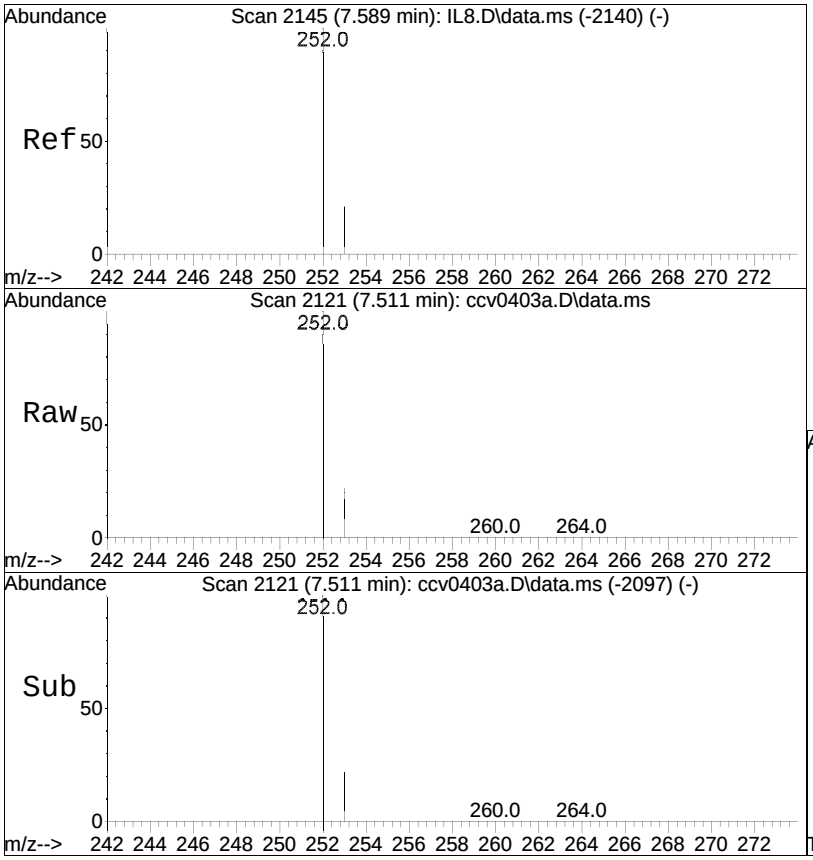


#38
Benzo[b]fluoranthene
Concen: 895.45 ng/ml
RT: 7.484 min Scan# 2113
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:252 Resp: 230098

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7

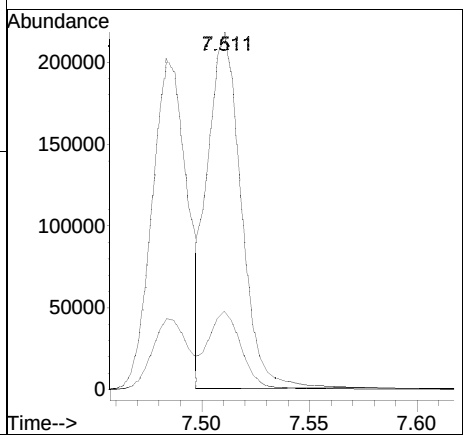


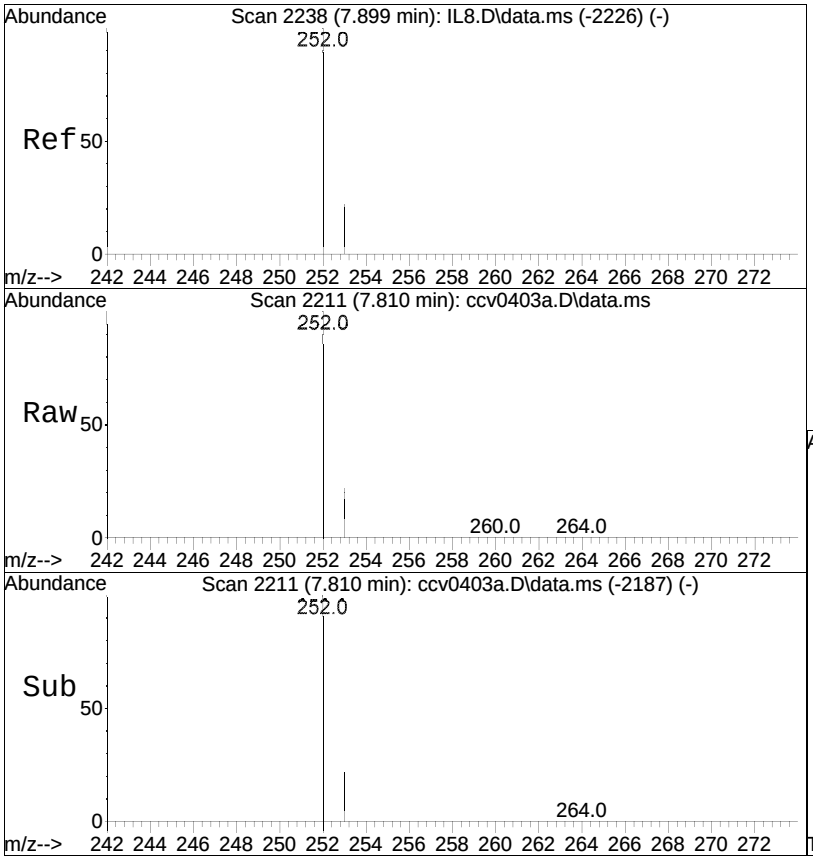


#39
Benzo[k]fluoranthene
Concen: 908.03 ng/ml
RT: 7.511 min Scan# 2121
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:252 Resp: 234053

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.2	24.4

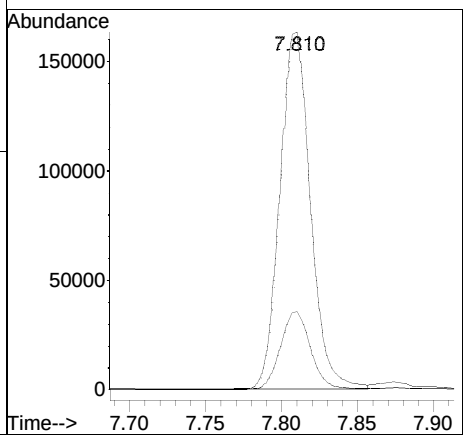


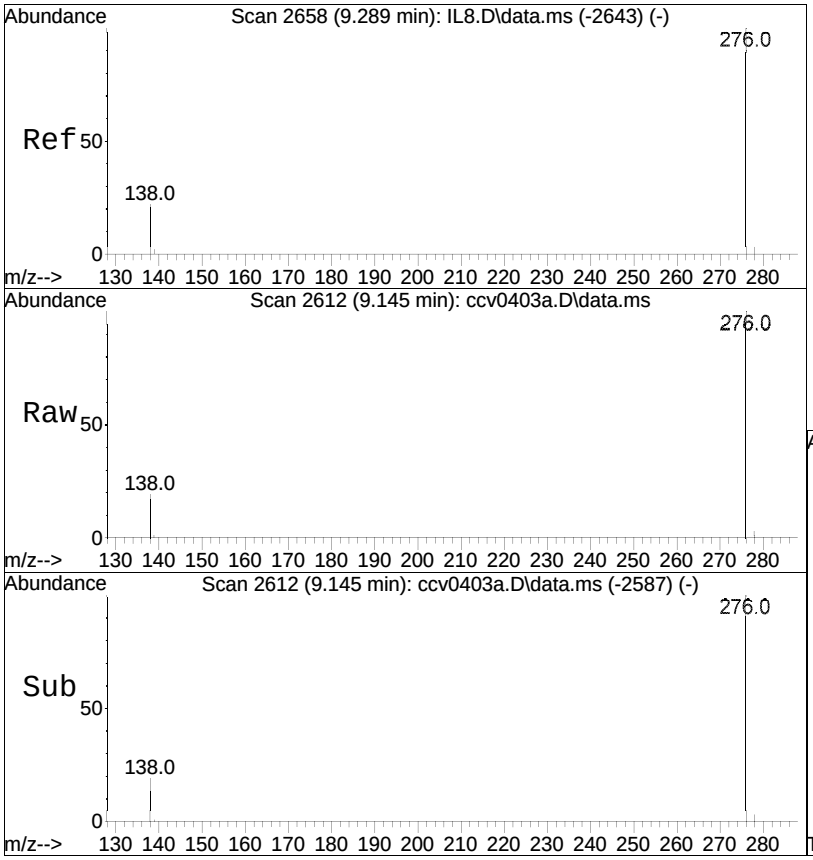


#40
Benzo[a]pyrene
Concen: 984.41 ng/ml
RT: 7.810 min Scan# 2211
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:252 Resp: 224751

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9

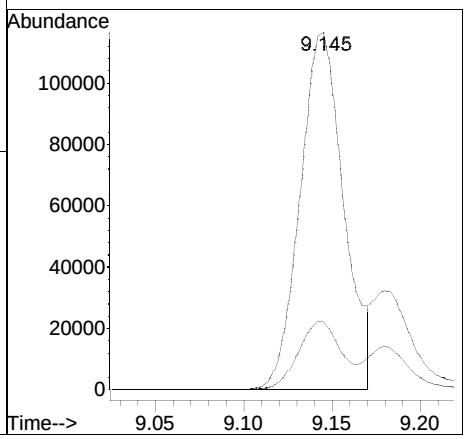


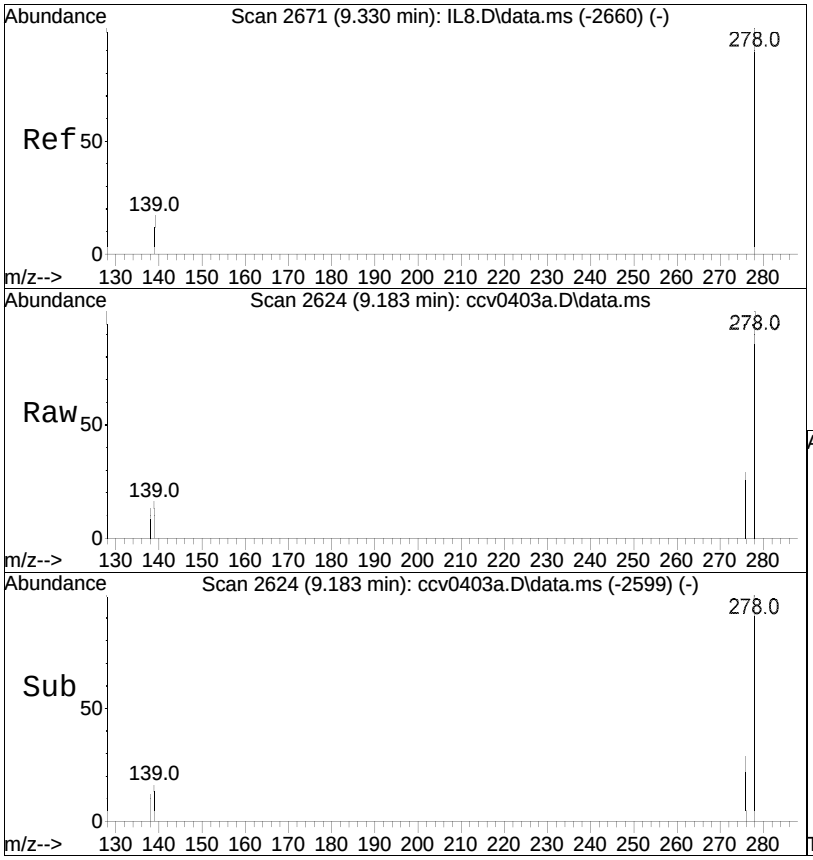


#41
Indeno[1,2,3-cd]pyrene
Concen: 1073.06 ng/ml
RT: 9.145 min Scan# 2612
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:276 Resp: 199085

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.5	26.3

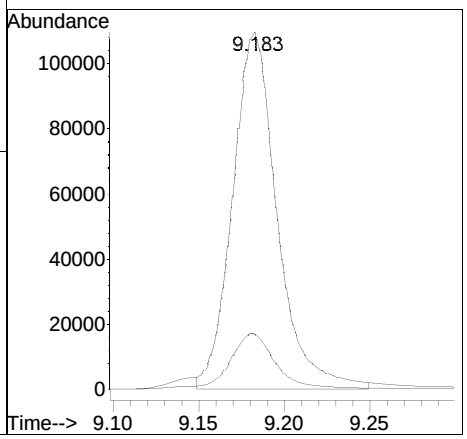


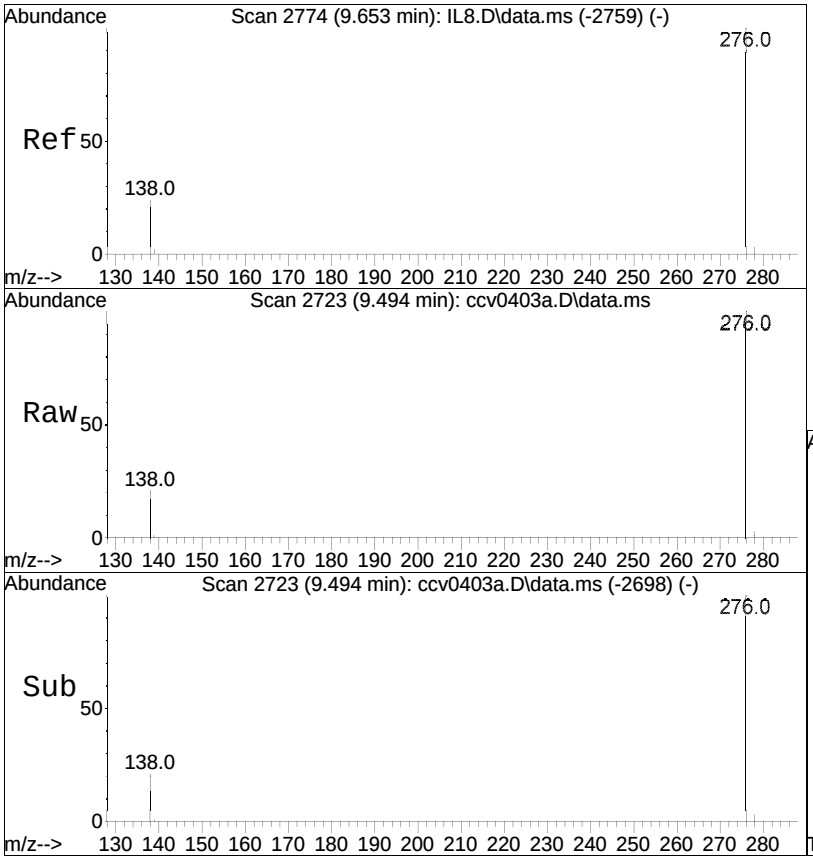


#42
Dibenzo[a,h]anthracene
Concen: 1081.05 ng/ml M6
RT: 9.183 min Scan# 2624
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:278 Resp: 198010

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.1	21.1

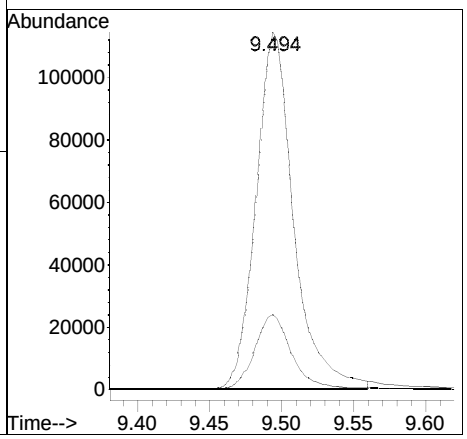




#43
Benzo[g,h,i]perylene
Concen: 1037.77 ng/ml
RT: 9.494 min Scan# 2723
Delta R.T. 0.000 min
Lab File: ccv0403a.D
Acq: 03 Apr 2026 10:21 am

Tgt Ion:276 Resp: 205670

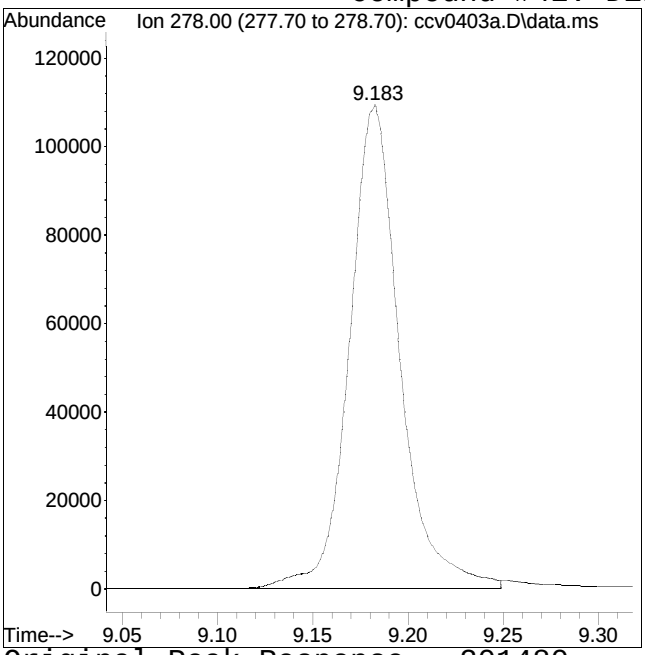
Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.0	28.6



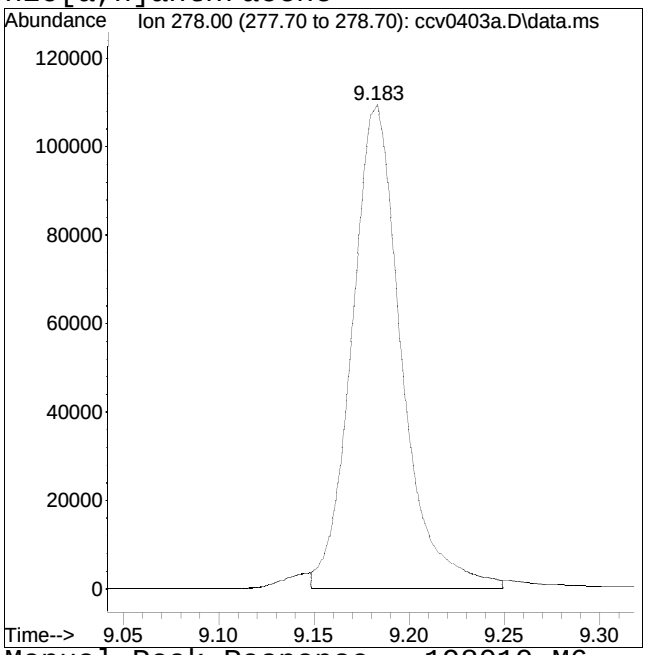
Manual Integration Report

Data Path : I:\8270SIM\SV125\260403RVTQMethod : SIM-RVT_251120_sv125.M
Data File : ccv0403a.D Operator : SV125:csn
Date Inj'd : 4/3/2026 10:21 am Instrument : SV125
Sample : WG2193582-3,32,,ICV 12227 Quant Date : 4/3/2026 10:48 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 201480



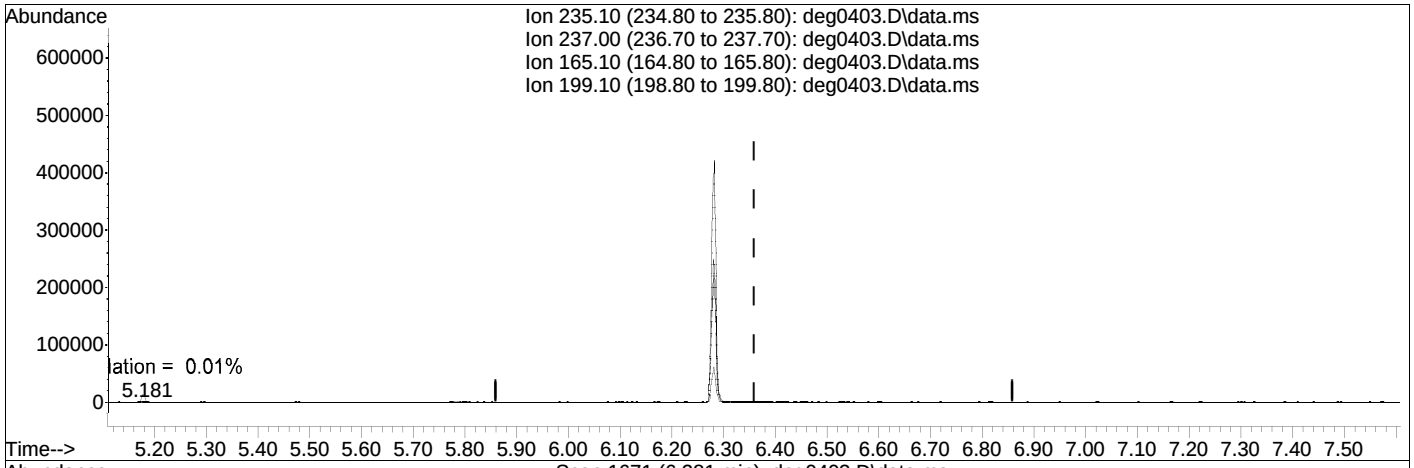
Manual Peak Response = 198010 M6

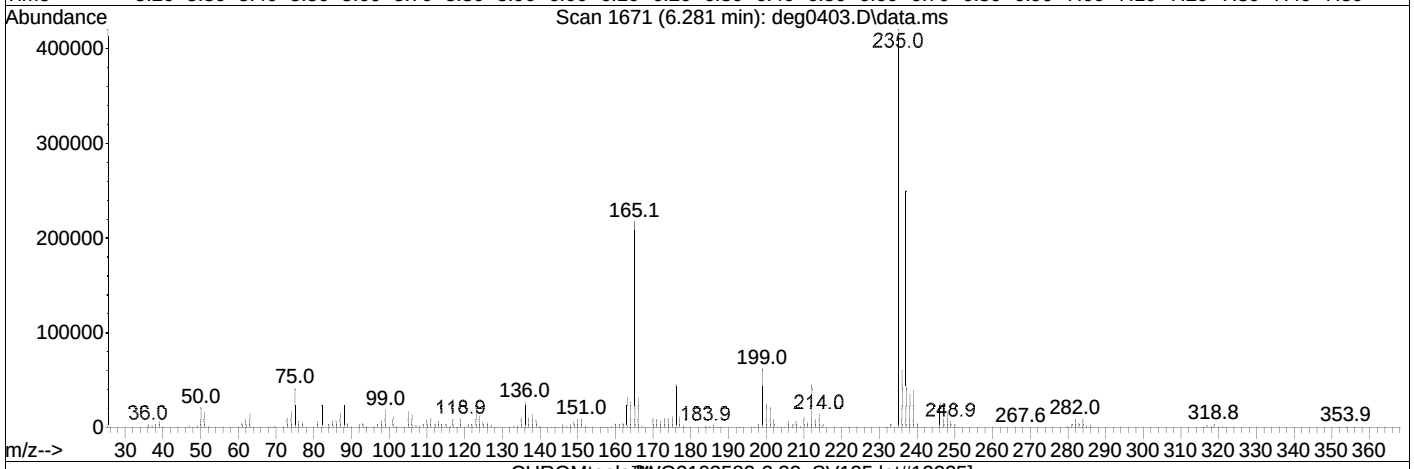
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:21 am
Operator : SV125:csn
Sample : WG2193582-2,32,,SV125 lot#12225
Misc : WG2193582,,ical22846
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 03 09:44:57 2026
Quant Method : I:\8270SIM\SV125\260403RVT\dftppsv125.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Mar 02 13:10:13 2026
Response via : Continuing Cal File:





CHROMtools [WG2193582-2,32,,SV125 lot#12225]

(6) ddt (T)

6.281min (-0.078) 38.44

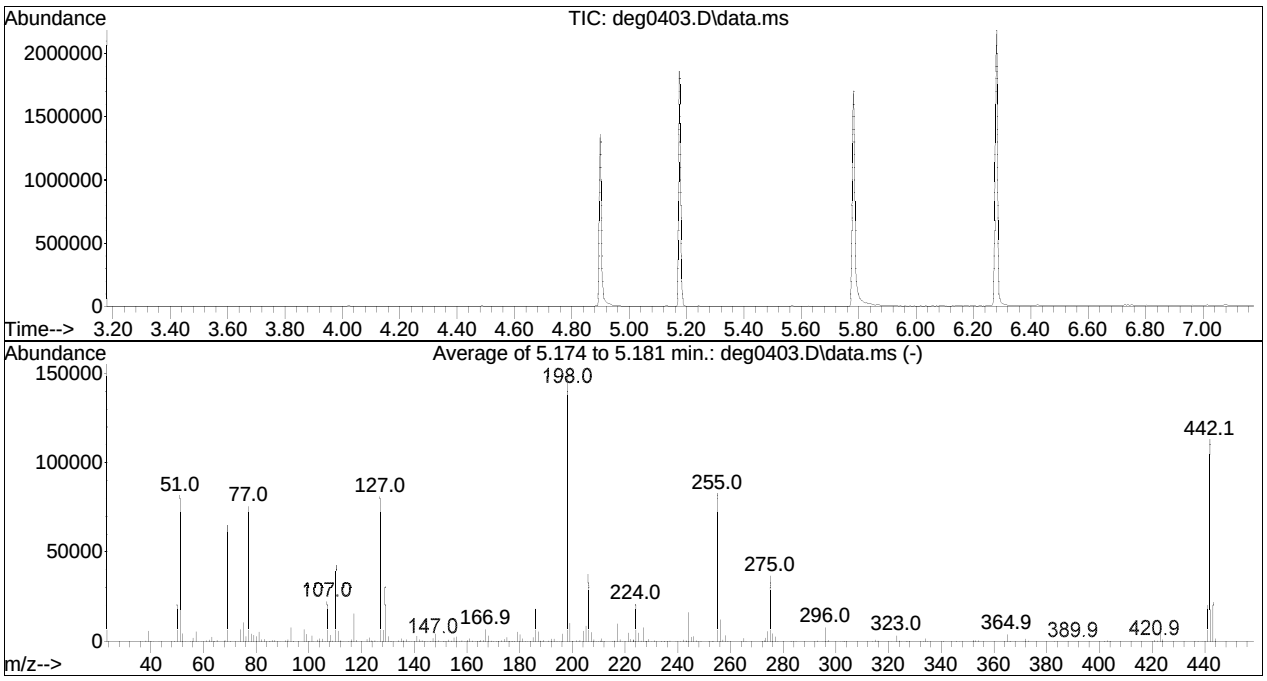
response 234323

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.60	61.36
165.10	53.30	53.71
199.10	17.10	14.85

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:21 am
Operator : SV125:csn
Sample : WG2193582-1,32,,SV125 lot#12225
Misc : WG2193582,,ical22846
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270SIM\SV125\260403RVT\SIM-RVT_251120_sv125.M
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Apr 03 10:47:19 2026



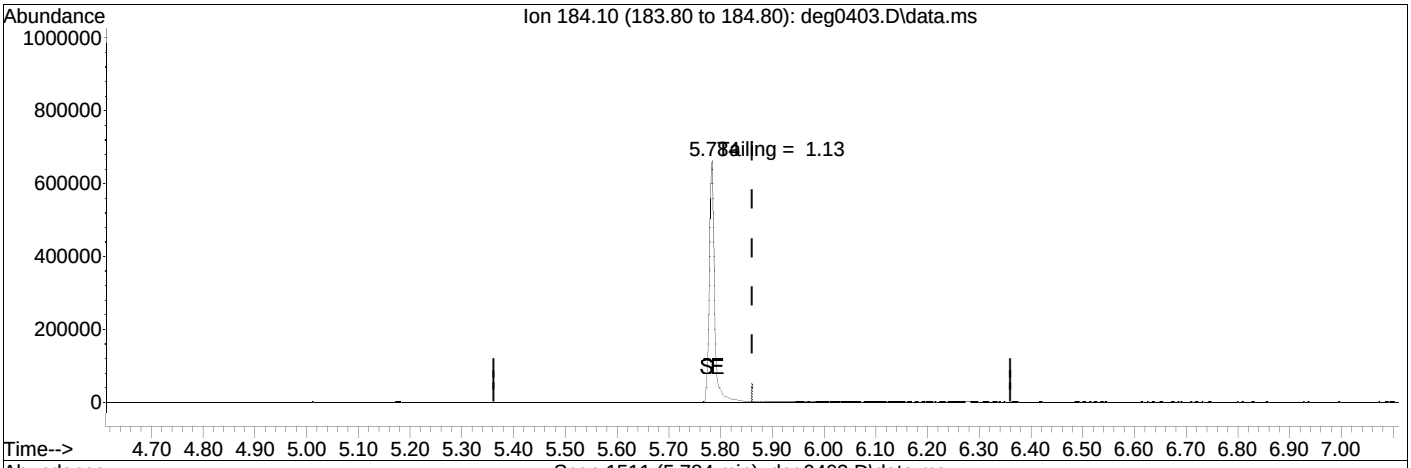
Spectrum Information: Average of 5.174 to 5.181 min.

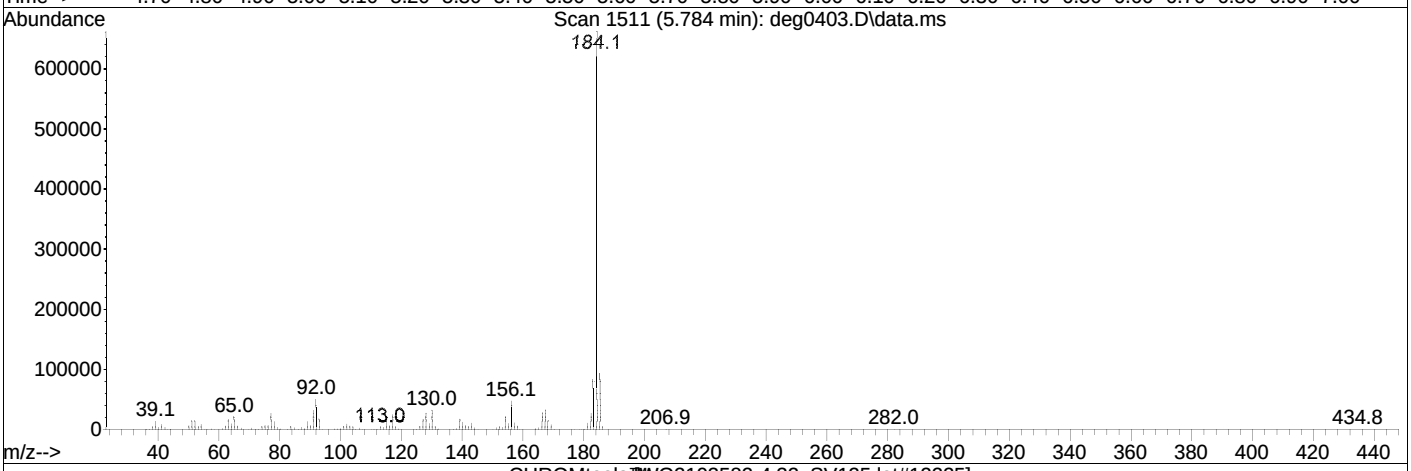
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	55.2	81443	PASS
68	69	0.00	2	1.7	1089	PASS
69	69	100	100	100.0	64717	PASS
70	69	0.00	2	0.9	599	PASS
127	198	10	80	54.9	80989	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	147629	PASS
199	198	5	9	7.0	10355	PASS
275	198	10	60	24.8	36581	PASS
365	198	1	100	2.8	4197	PASS
441	442	0.01	24	17.7	19987	PASS
442	198	50	100	76.4	112813	PASS
443	442	15	24	19.5	21973	PASS

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:21 am
Operator : SV125:csn
Sample : WG2193582-4,32,,SV125 lot#12225
Misc : WG2193582,,ical22846
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 03 09:44:57 2026
Quant Method : I:\8270SIM\SV125\260403RVT\dftppsv125.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Mar 02 13:10:13 2026
Response via : Continuing Cal File:





CHROMtools [WG2193582-4,32,,SV125 lot#12225]

(3) benzidine (T)

5.784min (-0.077) 43.75

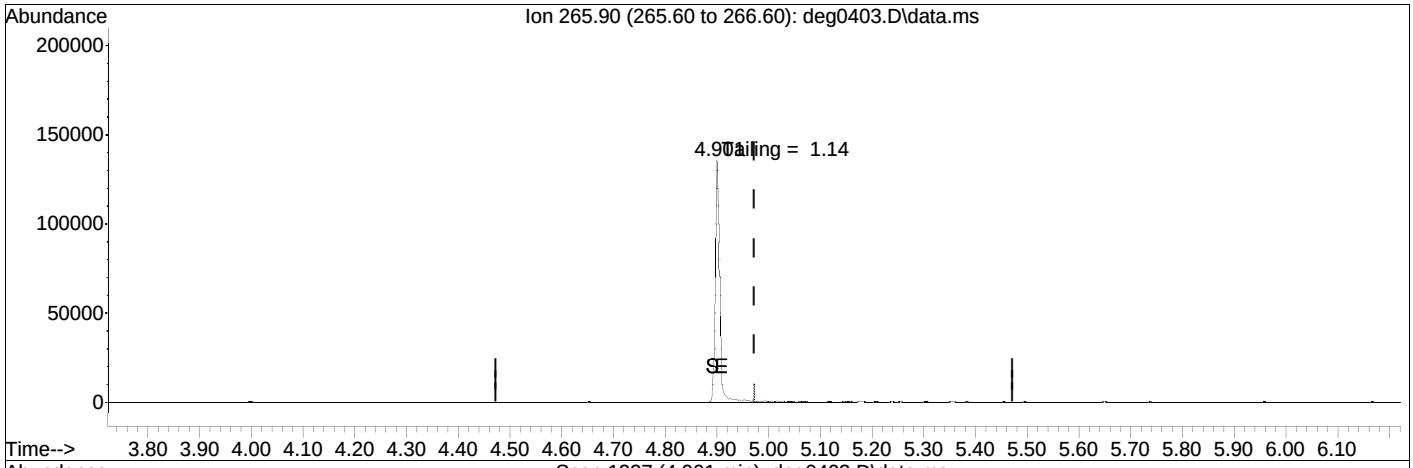
response 445375

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : deg0403.D
Acq On : 03 Apr 2026 09:21 am
Operator : SV125:csn
Sample : WG2193582-5,32,,SV125 lot#12225
Misc : WG2193582,,ical22846
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 03 09:44:57 2026
Quant Method : I:\8270SIM\SV125\260403RVT\dftppsv125.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Mar 02 13:10:13 2026
Response via : Continuing Cal File:



CHROMtools™ [WG2193582-5,32,,SV125 lot#12225]

(1) pentachlorophenol (T)

4.901min (-0.071) 36.65

response 76977

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Semivolatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-1.D
Acq On : 03 Apr 2026 11:31 am
Operator : sv118:slr
Sample : WG2192861-1,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 06 13:40:23 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.568	152	348438	4000.000 ng/ml	0.00
Standard Area 1 = 366718			Recovery = 95.02%		
9) Naphthalene-d8	3.270	136	1302556	4000.000 ng/ml	0.00
Standard Area 1 = 1412383			Recovery = 92.22%		
18) Acenaphthene-d10	4.304	164	742354	4000.000 ng/ml	0.00
Standard Area 1 = 811303			Recovery = 91.50%		
23) Phenanthrene-d10	5.192	188	1505921	4000.000 ng/ml	0.00
Standard Area 1 = 1627596			Recovery = 92.52%		
32) Chrysene-d12	6.801	240	1191549	4000.000 ng/ml	-0.01
Standard Area 1 = 1244272			Recovery = 95.76%		
37) Perylene-d12	8.026	264	1071740	4000.000 ng/ml	-0.02
Standard Area 1 = 1160895			Recovery = 92.32%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.938	112	91400	1070.486 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 53.52%		
4) Phenol-d6	2.370	99	69604	677.697 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 33.88%		
8) Nitrobenzene-d5	2.865	82	81552	1029.504 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 102.95%		
14) 2-Fluorobiphenyl	3.904	172	207517	748.677 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 74.87%		
22) 2,4,6-Tribromophenol	4.775	330	62965	1707.846 ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 85.39%		
31) 4-Terphenyl-d14	6.151	244	252507	870.105 ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 87.01%		

Target Compounds				Qvalue
7) Hexachloroethane	0.000	0	N.D. d	
10) Naphthalene	0.000	0	N.D. d	
11) Hexachlorobutadiene	0.000	0	N.D. d	
12) 2-Methylnaphthalene	0.000	0	N.D. d	
15) 2-Chloronaphthalene	0.000	0	N.D. d	
17) Acenaphthylene	0.000	0	N.D. d	
19) Acenaphthene	0.000	0	N.D. d	
21) Fluorene	0.000	0	N.D. d	
25) Hexachlorobenzene	0.000	0	N.D. d	
26) Pentachlorophenol	0.000	0	N.D. d	

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-1.D
Acq On : 03 Apr 2026 11:31 am
Operator : sv118:slr
Sample : WG2192861-1,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 06 13:40:23 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	0.000		0	N.D.	d	
28) Anthracene	0.000		0	N.D.	d	
29) Fluoranthene	0.000		0	N.D.	d	
30) Pyrene	0.000		0	N.D.	d	
33) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Chrysene	0.000		0	N.D.	d	
38) Benzo[b]fluoranthene	0.000		0	N.D.	d	
39) Benzo[k]fluoranthene	0.000		0	N.D.	d	
40) Benzo[a]pyrene	0.000		0	N.D.	d	
41) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
42) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
43) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

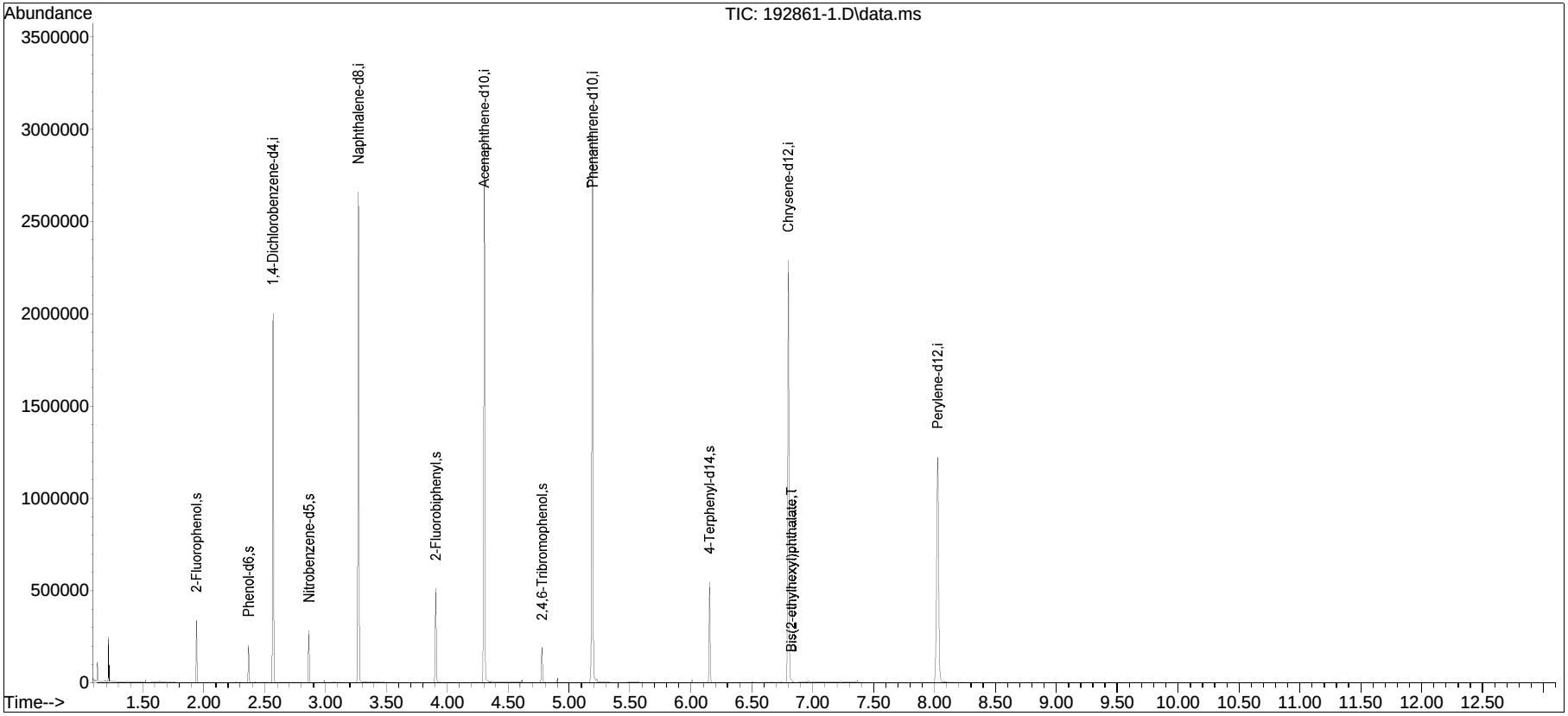
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-1.D
Acq On : 03 Apr 2026 11:31 am
Operator : sv118:slr
Sample : WG2192861-1,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 06 13:40:23 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV118\260403RVTQ	Method	: SIM-RVT_251213sv118.M
Data File	: 192861-1.D	Operator	: sv118:slr
Date Inj'd	: 4/3/2026 11:31 am	Instrument	: SV118
Sample	: WG2192861-1,32,,rp	Quant Date	: 4/3/2026 11:45 am

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-2.D
Acq On : 03 Apr 2026 10:55 am
Operator : sv118:slr
Sample : WG2192861-2,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 13:41:08 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.556	152	298396	4000.000	ng/ml	-0.01
Standard Area 1 = 366718			Recovery = 81.37%			
9) Naphthalene-d8	3.259	136	1139073	4000.000	ng/ml	-0.01
Standard Area 1 = 1412383			Recovery = 80.65%			
18) Acenaphthene-d10	4.295	164	641674	4000.000	ng/ml	-0.01
Standard Area 1 = 811303			Recovery = 79.09%			
23) Phenanthrene-d10	5.183	188	1250159	4000.000	ng/ml	-0.01
Standard Area 1 = 1627596			Recovery = 76.81%			
32) Chrysene-d12	6.833	240	914051	4000.000	ng/ml	0.02
Standard Area 1 = 1244272			Recovery = 73.46%			
37) Perylene-d12	8.066	264	864759	4000.000	ng/ml	0.02
Standard Area 1 = 1160895			Recovery = 74.49%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.924	112	96719	1322.754	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 66.14%			
4) Phenol-d6	2.355	99	77904	885.714	ng/ml	-0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery = 44.29%			
8) Nitrobenzene-d5	2.852	82	80168	1181.754	ng/ml	-0.01
Spiked Amount 1000.000	Range 30 - 130		Recovery = 118.18%			
14) 2-Fluorobiphenyl	3.895	172	194807	803.693	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 80.37%			
22) 2,4,6-Tribromophenol	4.767	330	68329	2144.130	ng/ml	-0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery = 107.21%			
31) 4-Terphenyl-d14	6.161	244	229963	954.537	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 95.45%			
Target Compounds						Qvalue
7) Hexachloroethane	2.831	117	60886	1616.194	ng/ml	94
10) Naphthalene	3.271	128	469287	1602.811	ng/ml	99
11) Hexachlorobutadiene	3.351	225	83319	1422.901	ng/ml	100
12) 2-Methylnaphthalene	3.676	142	320831	1773.290	ng/ml	100
15) 2-Chloronaphthalene	3.962	162	338590	1633.232	ng/ml	91
17) Acenaphthylene	4.209	152	572377	1858.220	ng/ml	99
19) Acenaphthene	4.315	153	363268	1680.691	ng/ml	100
21) Fluorene	4.623	166	425499	1726.128	ng/ml	99
25) Hexachlorobenzene	4.957	284	152269	1854.367	ng/ml	99
26) Pentachlorophenol	5.076	266	93460	2331.774	ng/ml	100

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-2.D
Acq On : 03 Apr 2026 10:55 am
Operator : sv118:slr
Sample : WG2192861-2,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 13:41:08 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	5.198	178	629337	1759.412	ng/ml	100
28) Anthracene	5.226	178	638802	1840.835	ng/ml	100
29) Fluoranthene	5.918	202	713601	1886.772	ng/ml	99
30) Pyrene	6.057	202	724189	1862.090	ng/ml	98
33) Benzo[a]anthracene	6.825	226	183995	1934.040	ng/ml	96
35) Chrysene	6.848	228	604673	1942.061	ng/ml	99
38) Benzo[b]fluoranthene	7.687	252	570120	2044.343	ng/ml	100
39) Benzo[k]fluoranthene	7.710	252	541567	1921.646	ng/ml	100
40) Benzo[a]pyrene	8.003	252	490595	2008.036	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.314	276	445868	2043.936	ng/ml	94
42) Dibenzo[a,h]anthracene	9.349	278	436034M6	2071.690	ng/ml	
43) Benzo[g,h,i]perylene	9.659	276	453888	1997.326	ng/ml	94

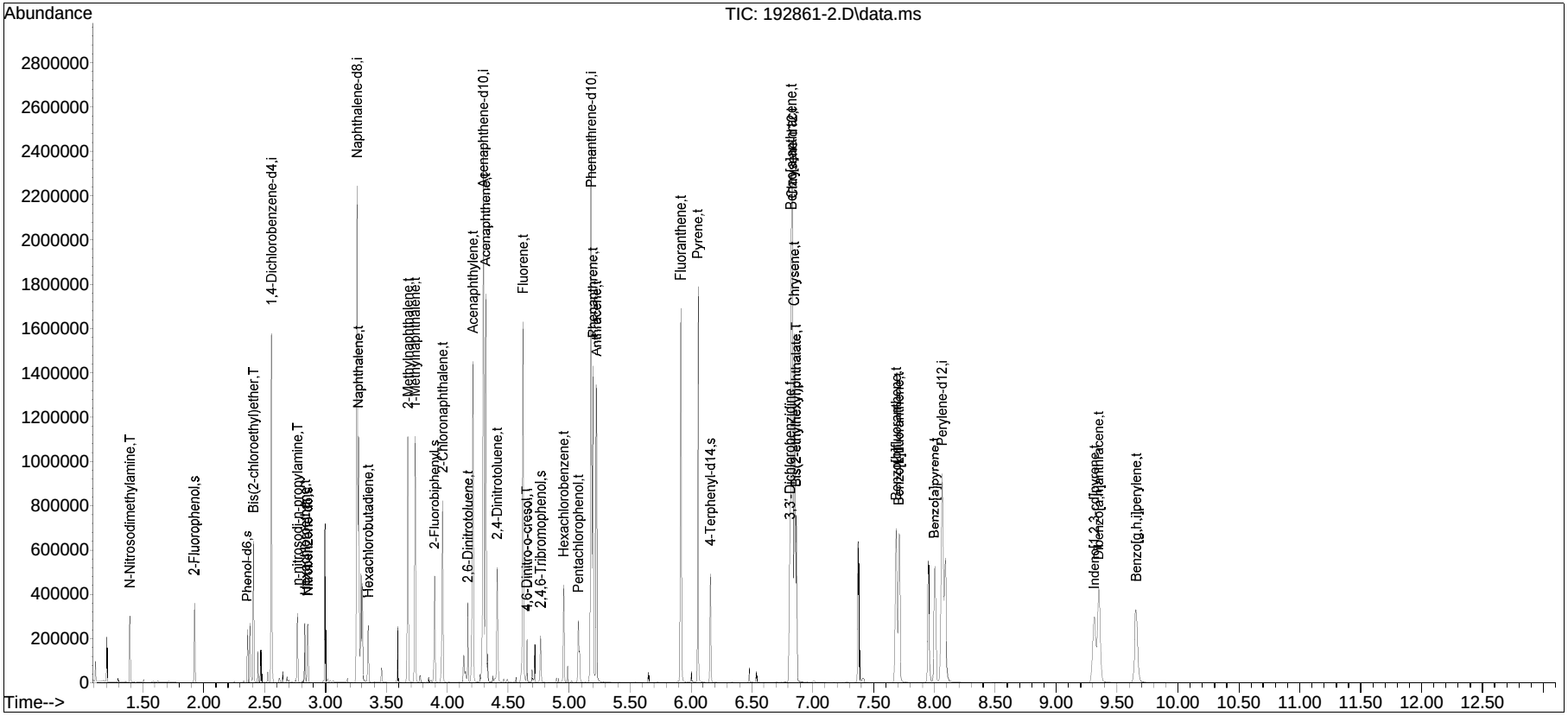
(#) = qualifier out of range (m) = manual integration (+) = signals summed

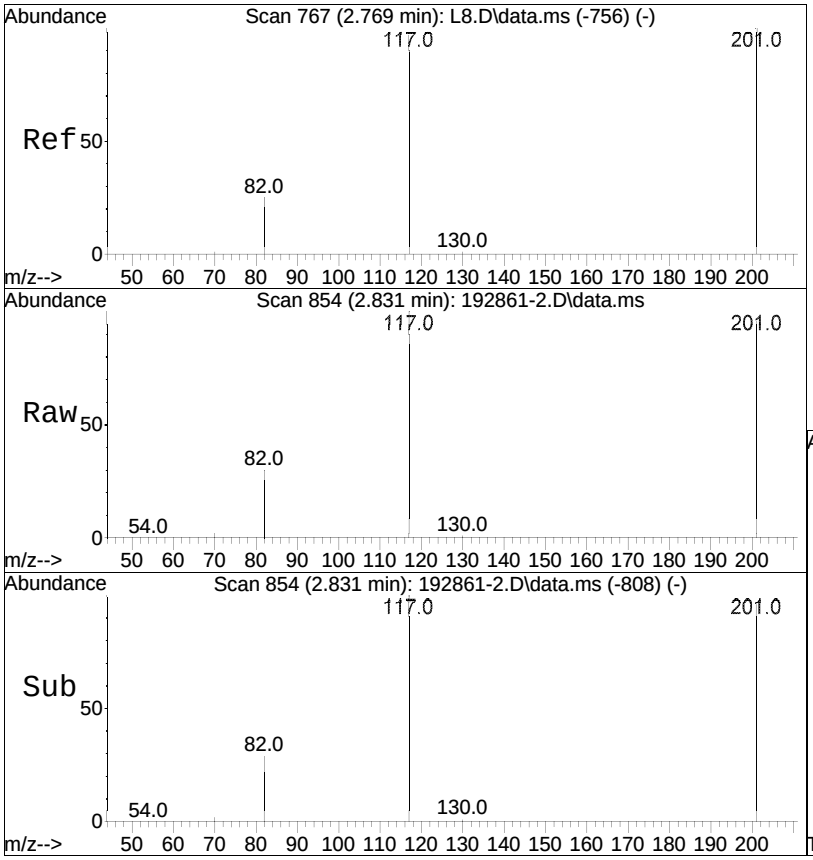
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-2.D
Acq On : 03 Apr 2026 10:55 am
Operator : sv118:slr
Sample : WG2192861-2,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 13:41:08 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•

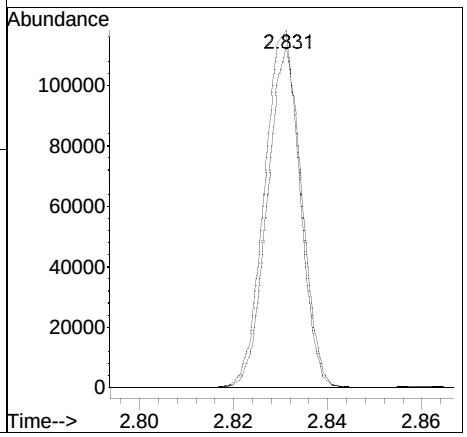


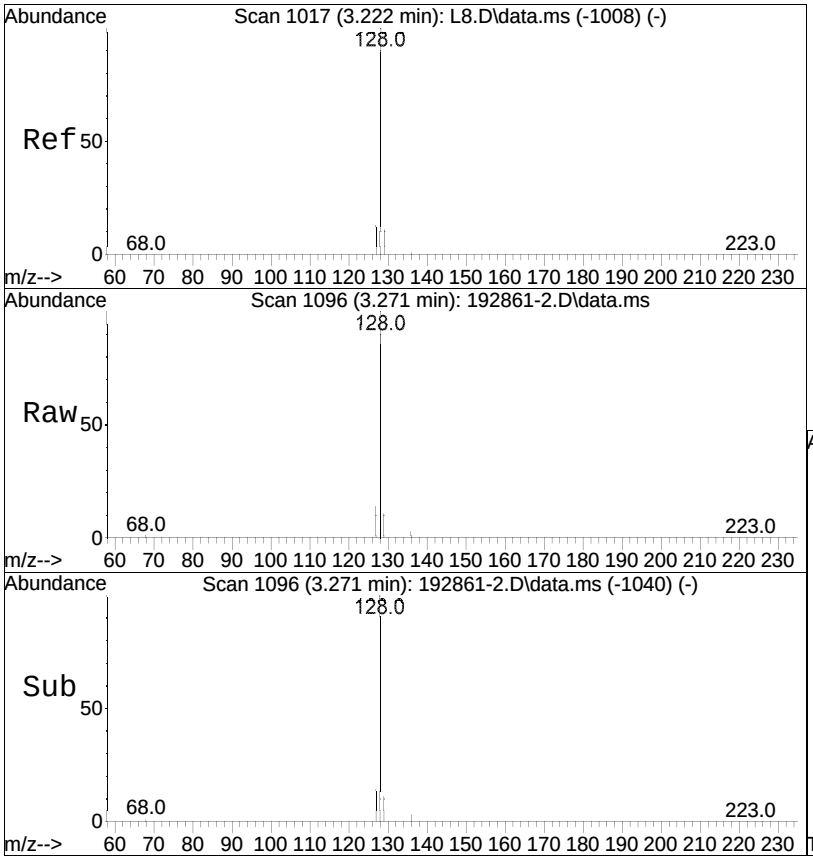


#7
Hexachloroethane
Concen: 1616.19 ng/ml
RT: 2.831 min Scan# 854
Delta R.T. -0.012 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:117 Resp: 60886

Ion	Ratio	Lower	Upper
117	100		
201	93.3	79.1	118.7

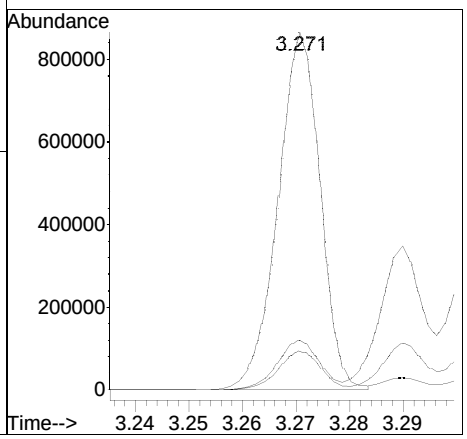


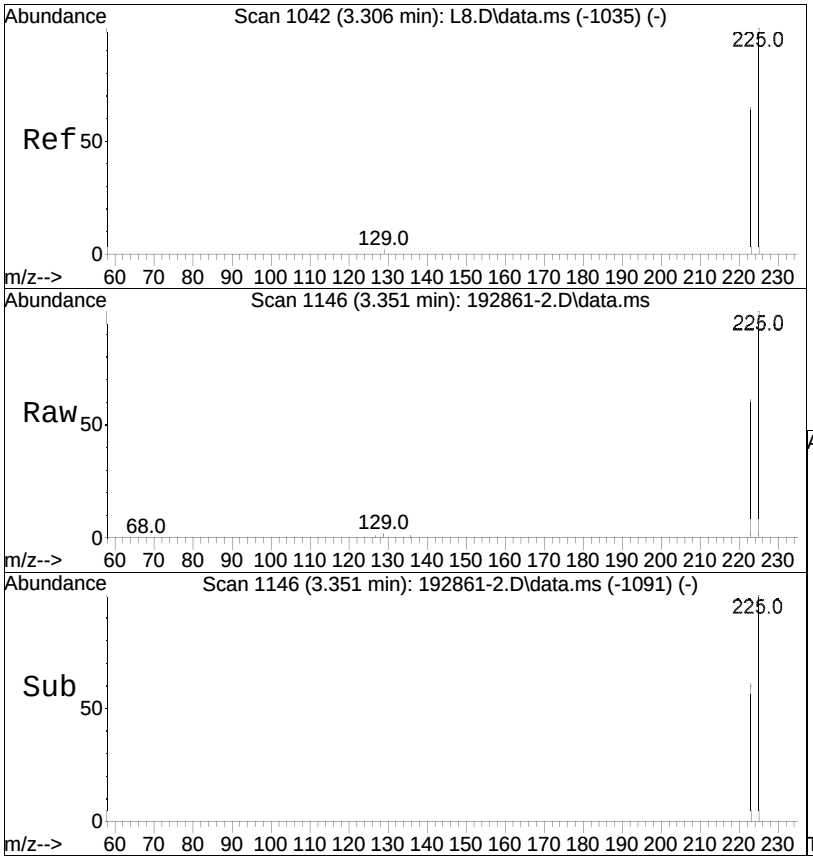


#10
Naphthalene
Concen: 1602.81 ng/ml
RT: 3.271 min Scan# 1096
Delta R.T. -0.011 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:128 Resp: 469287

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.1	10.8	16.2

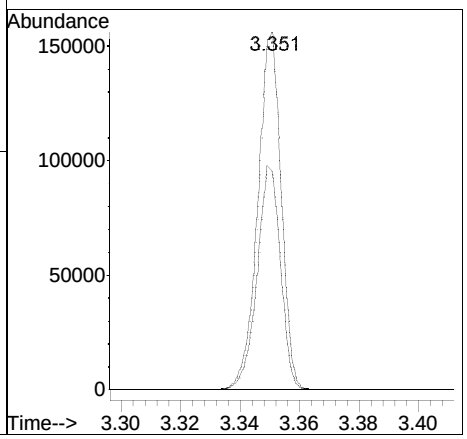


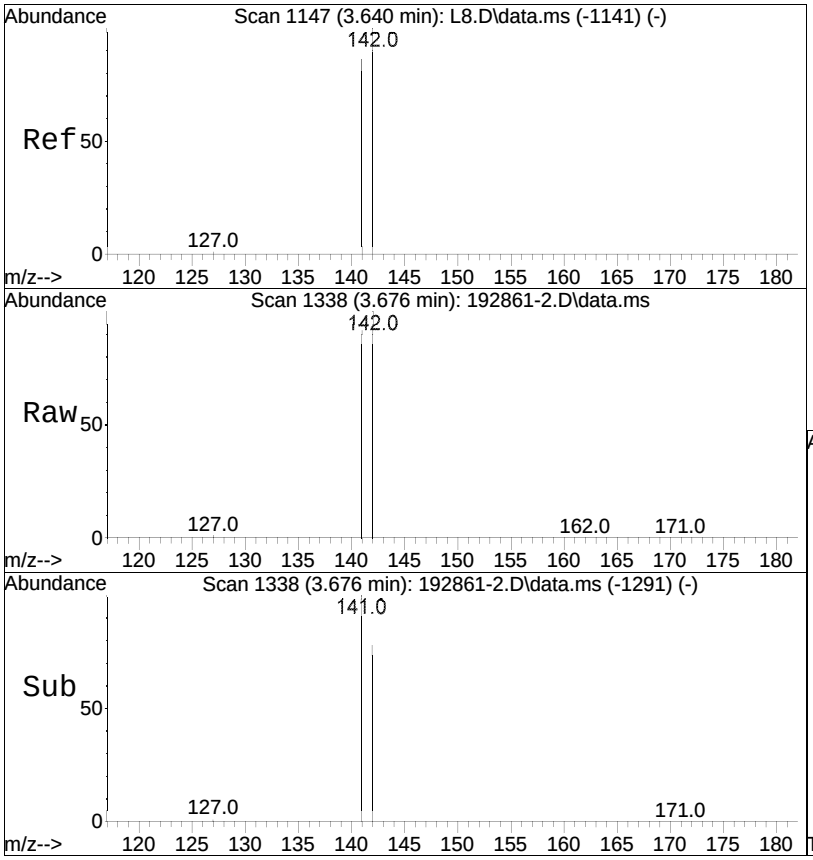


#11
Hexachlorobutadiene
Concen: 1422.90 ng/ml
RT: 3.351 min Scan# 1146
Delta R.T. -0.011 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:225 Resp: 83319

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6

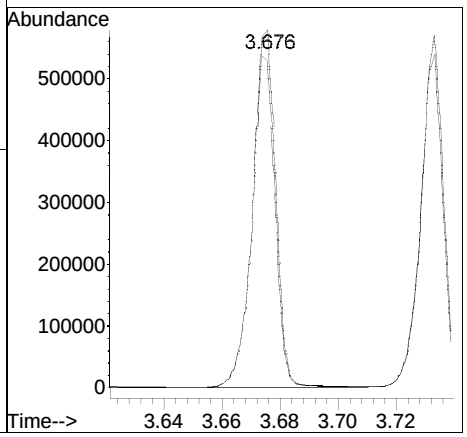


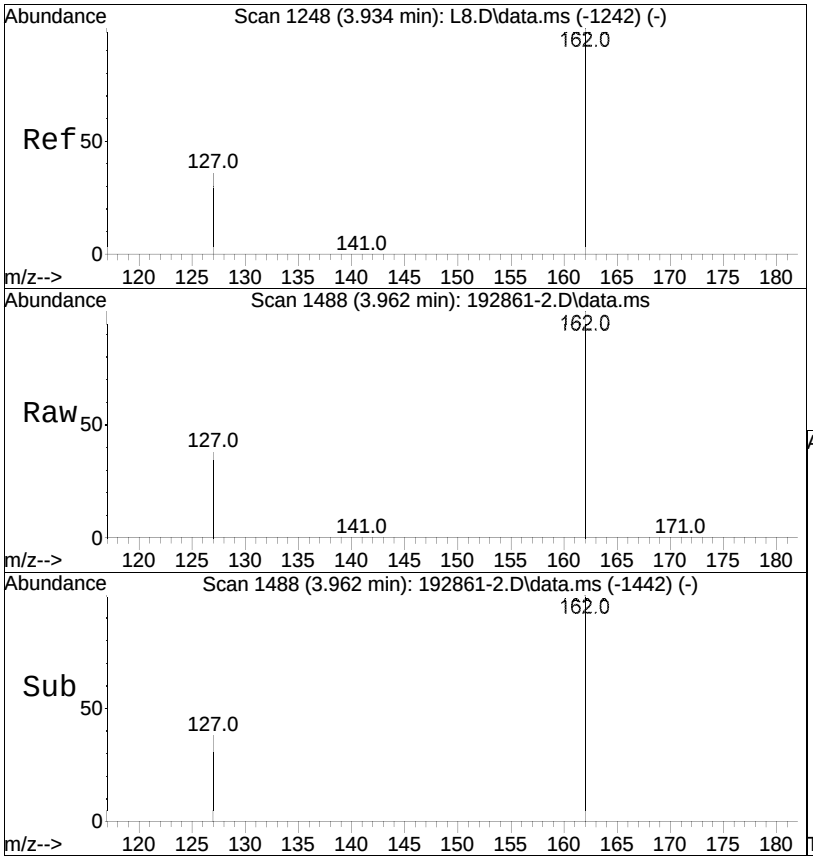


#12
2-Methylnaphthalene
Concen: 1773.29 ng/ml
RT: 3.676 min Scan# 1338
Delta R.T. -0.010 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:142 Resp: 320831

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.7	112.1

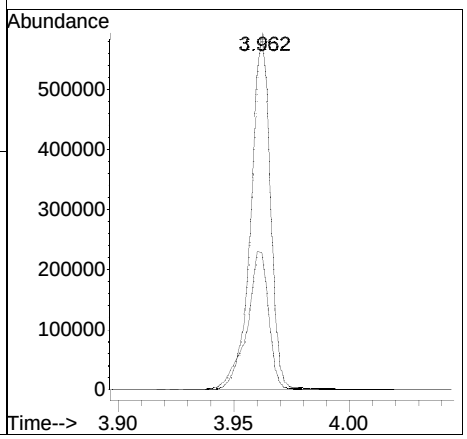


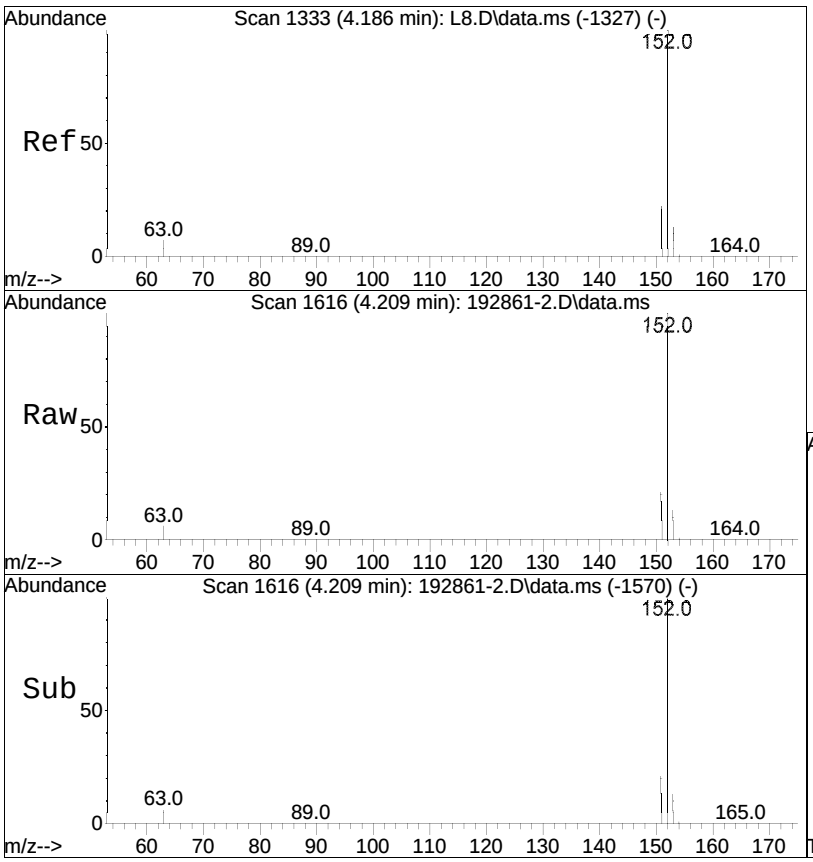


#15
2-Chloronaphthalene
Concen: 1633.23 ng/ml
RT: 3.962 min Scan# 1488
Delta R.T. -0.011 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:162 Resp: 338590

Ion	Ratio	Lower	Upper
162	100		
127	44.5	31.0	46.6

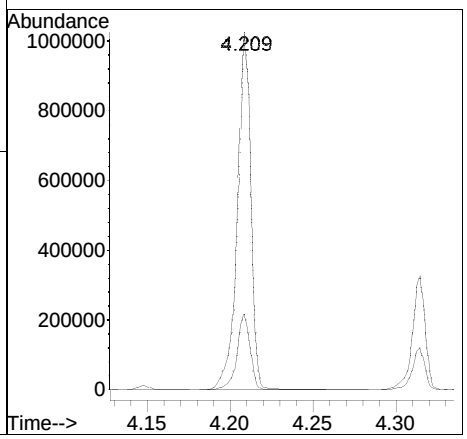


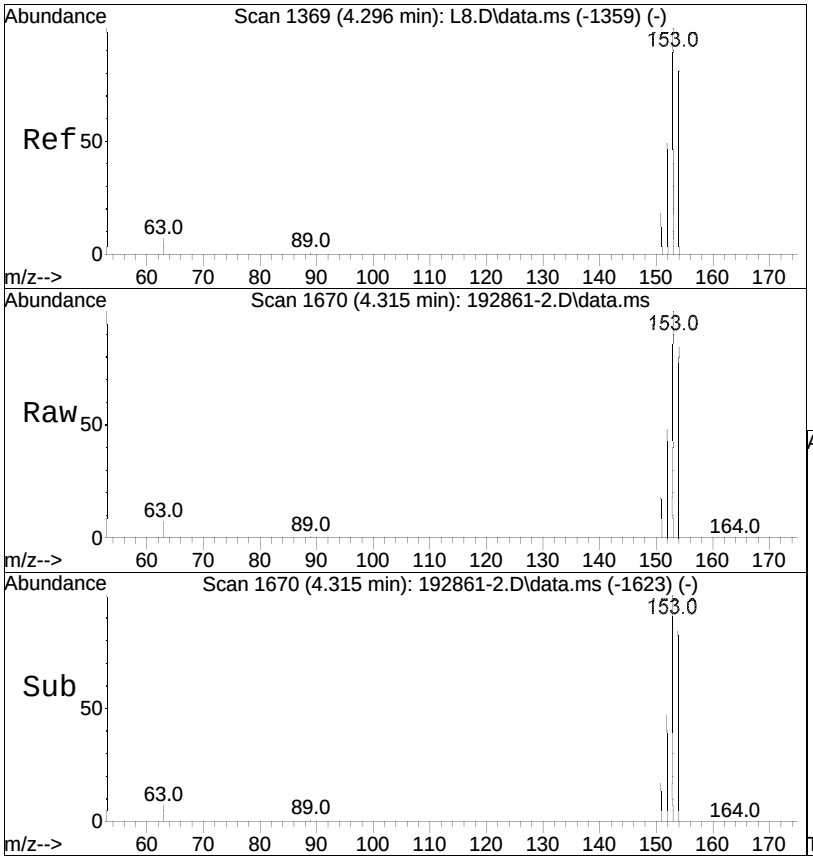


#17
Acenaphthylene
Concen: 1858.22 ng/ml
RT: 4.209 min Scan# 1616
Delta R.T. -0.010 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:152 Resp: 572377

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6

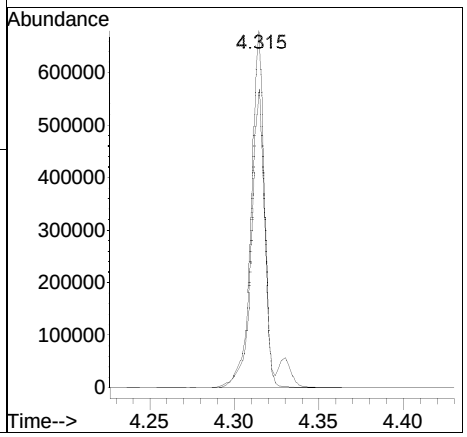


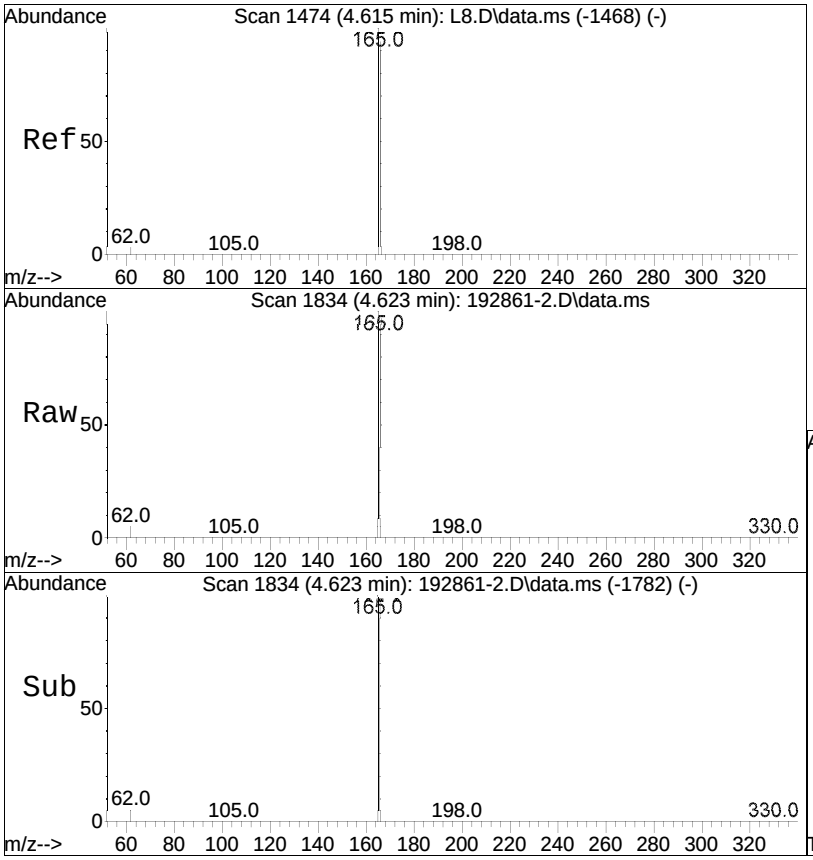


#19
Acenaphthene
Concen: 1680.69 ng/ml
RT: 4.315 min Scan# 1670
Delta R.T. -0.010 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:153 Resp: 363268

Ion	Ratio	Lower	Upper
153	100		
154	84.5	67.6	101.4

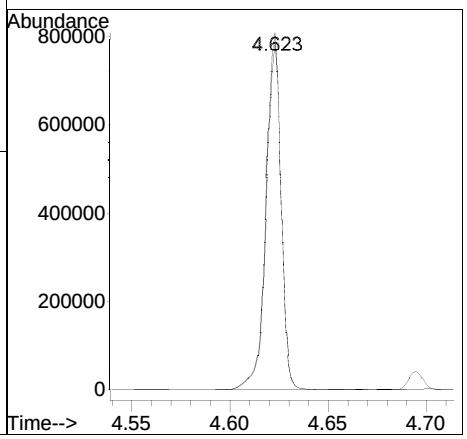


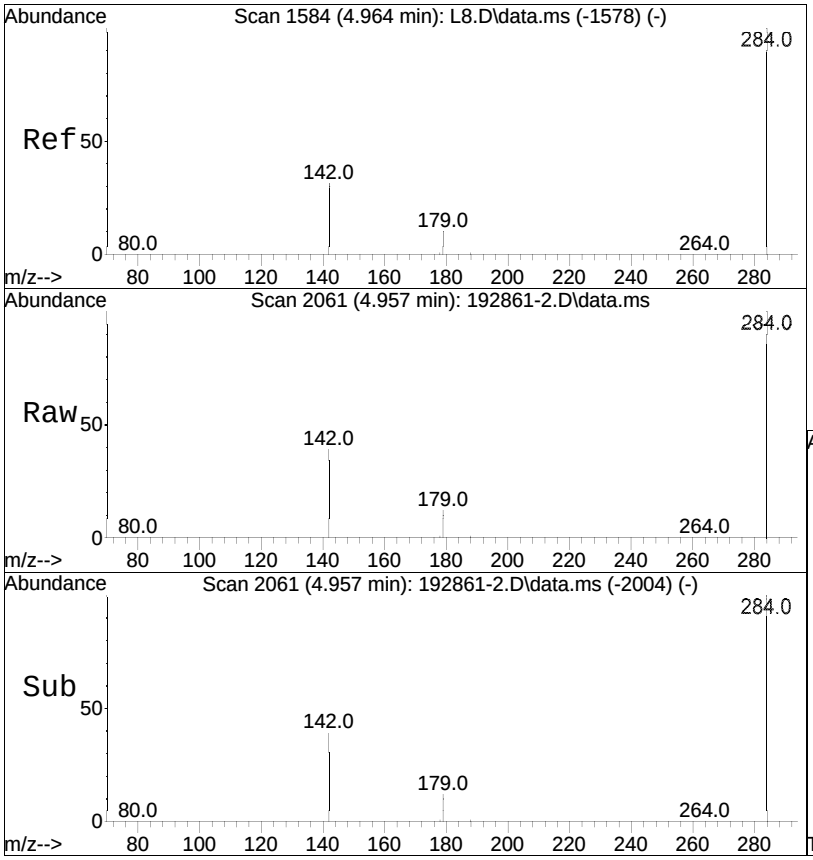


#21
Fluorene
Concen: 1726.13 ng/ml
RT: 4.623 min Scan# 1834
Delta R.T. -0.010 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:166 Resp: 425499

Ion	Ratio	Lower	Upper
166	100		
165	101.9	82.5	123.7

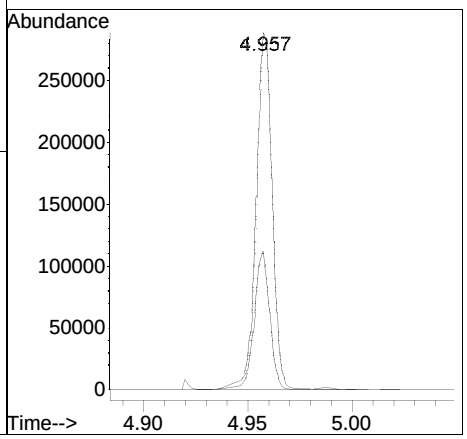


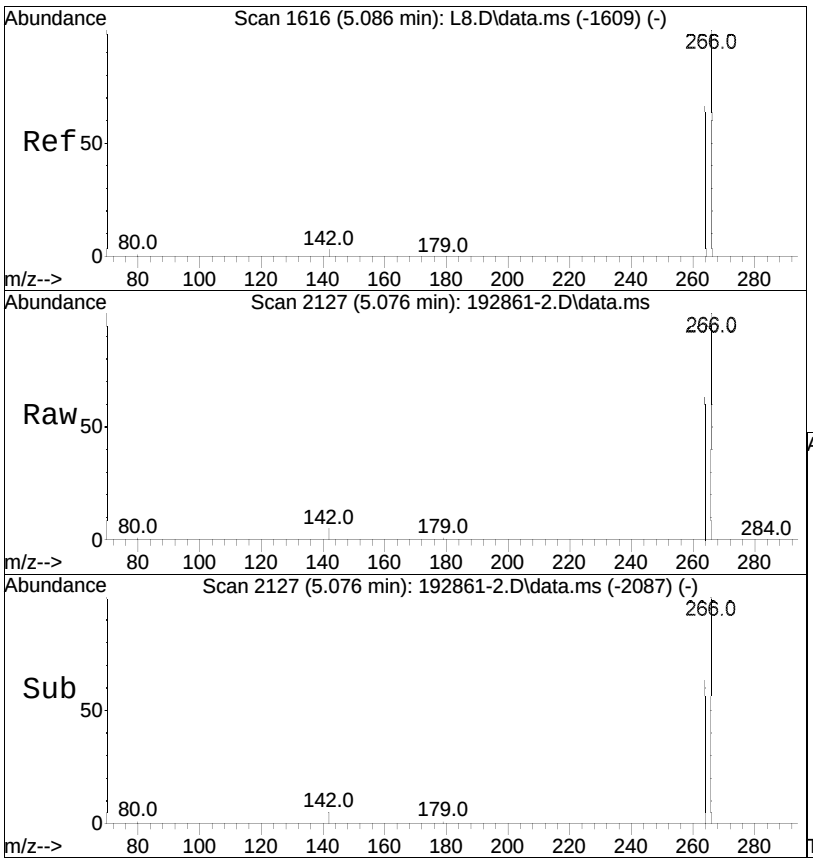


#25
Hexachlorobenzene
Concen: 1854.37 ng/ml
RT: 4.957 min Scan# 2061
Delta R.T. -0.011 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:284 Resp: 152269

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.9	44.9

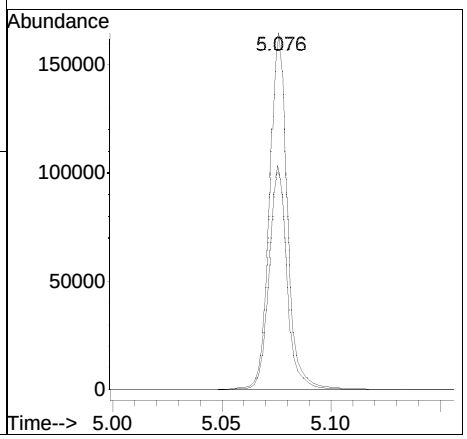


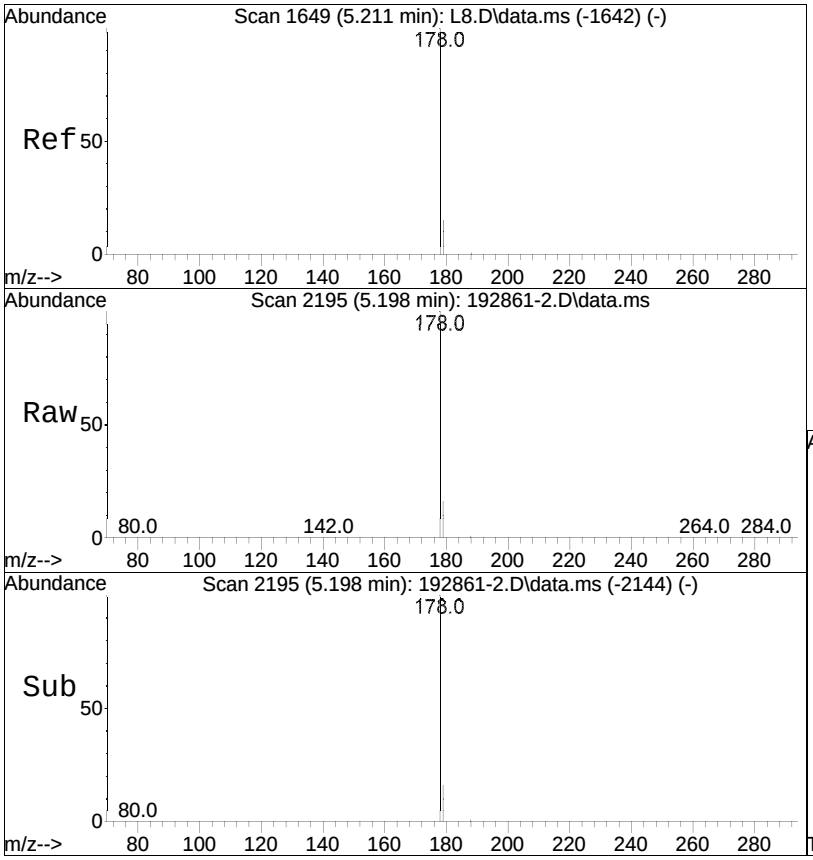


#26
Pentachlorophenol
Concen: 2331.77 ng/ml
RT: 5.076 min Scan# 2127
Delta R.T. -0.009 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:266 Resp: 93460

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.6	75.8

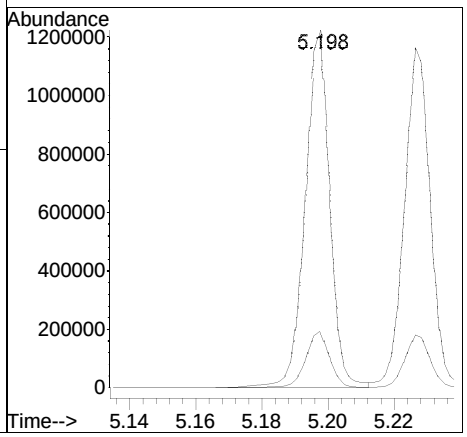


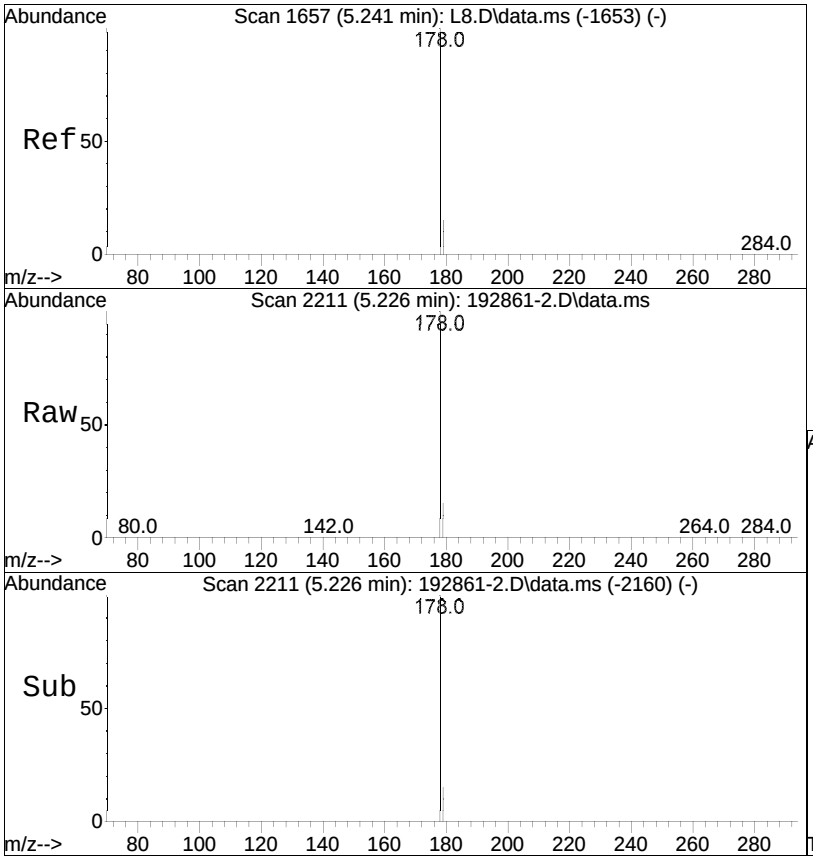


#27
Phenanthrene
Concen: 1759.41 ng/ml
RT: 5.198 min Scan# 2195
Delta R.T. -0.009 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:178 Resp: 629337

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7

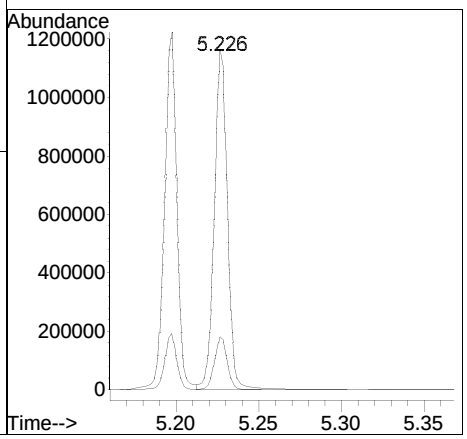


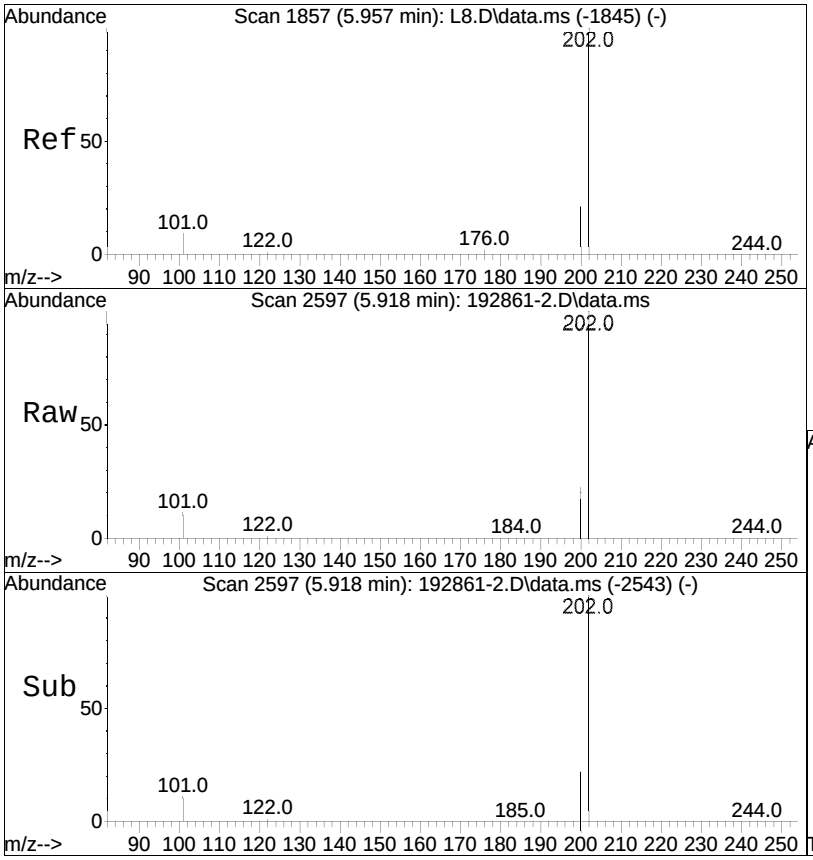


#28
Anthracene
Concen: 1840.84 ng/ml
RT: 5.226 min Scan# 2211
Delta R.T. -0.009 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:178 Resp: 638802

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2

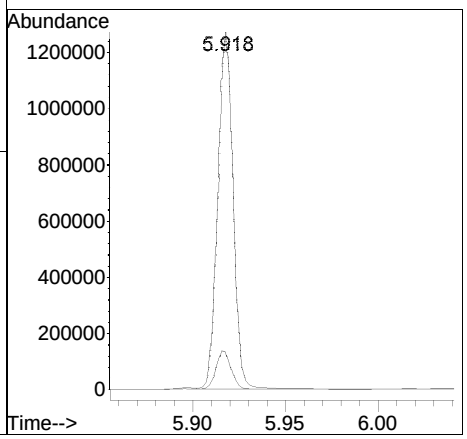


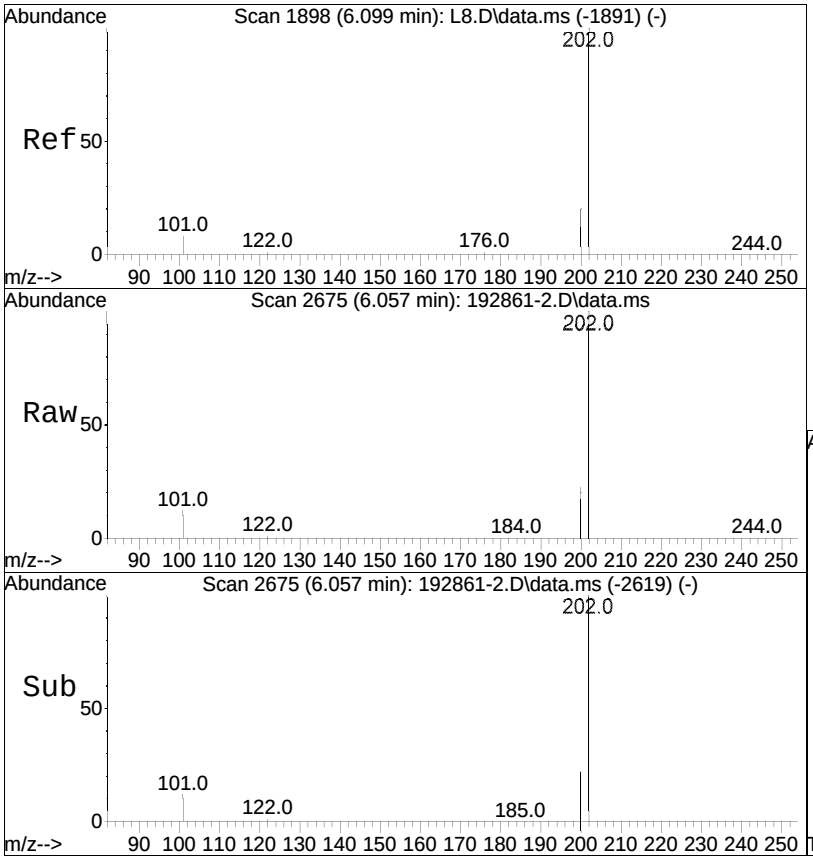


#29
Fluoranthene
Concen: 1886.77 ng/ml
RT: 5.918 min Scan# 2597
Delta R.T. -0.004 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:202 Resp: 713601

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.0	13.4

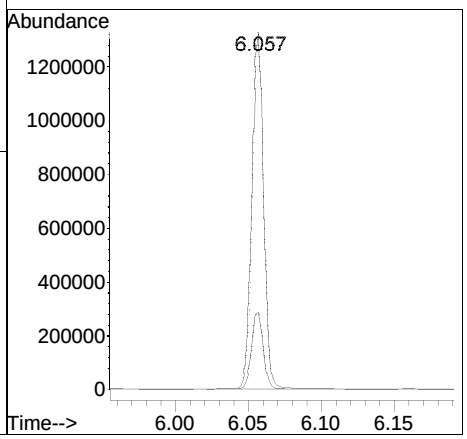


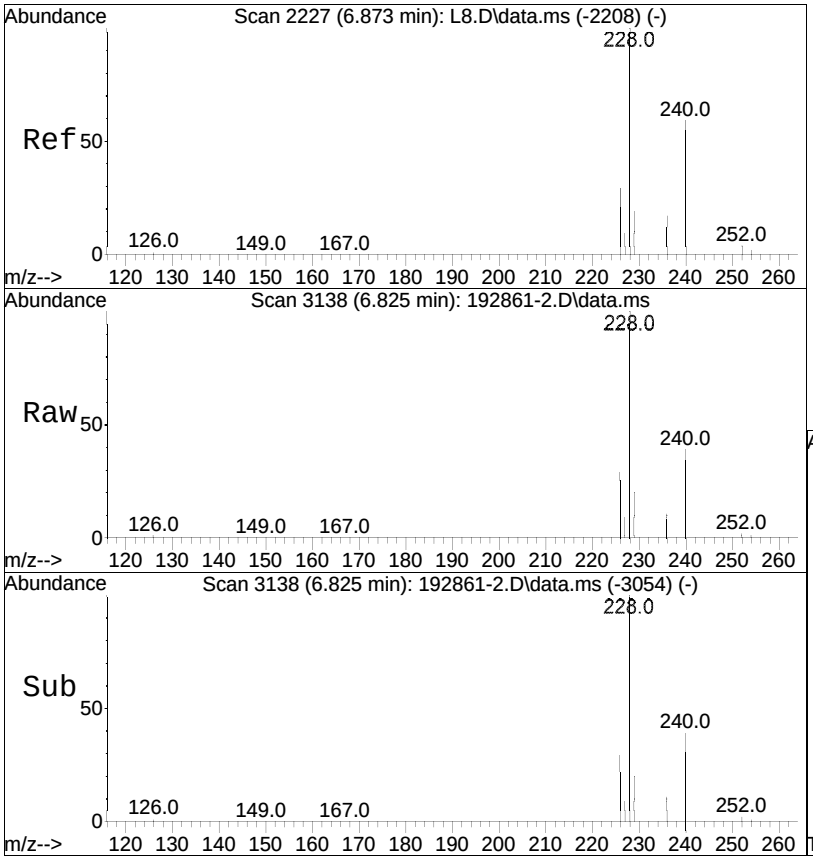


#30
Pyrene
Concen: 1862.09 ng/ml
RT: 6.057 min Scan# 2675
Delta R.T. -0.000 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:202 Resp: 724189

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.0	25.6

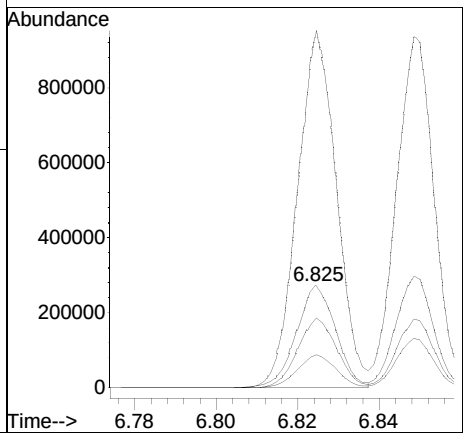


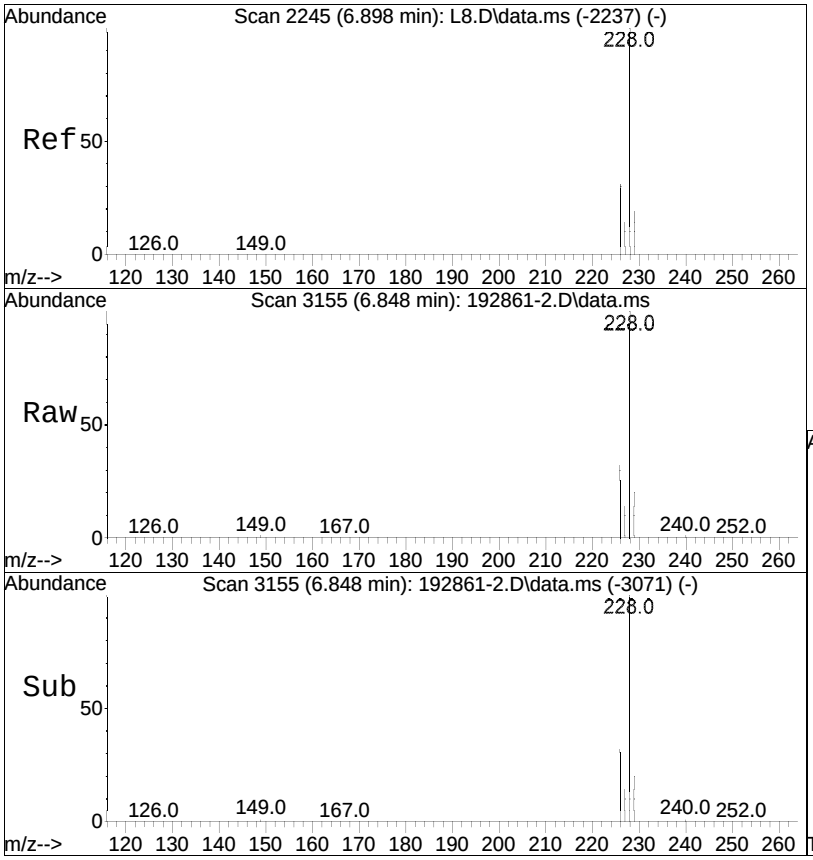


#33
Benzo[a]anthracene
Concen: 1934.04 ng/ml
RT: 6.825 min Scan# 3138
Delta R.T. 0.020 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:226 Resp: 183995

Ion	Ratio	Lower	Upper
226	100		
227	31.8	25.4	38.0
228	343.6	283.4	425.0
229	67.3	55.4	83.2

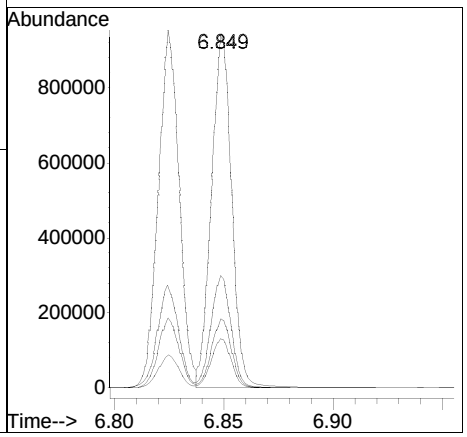


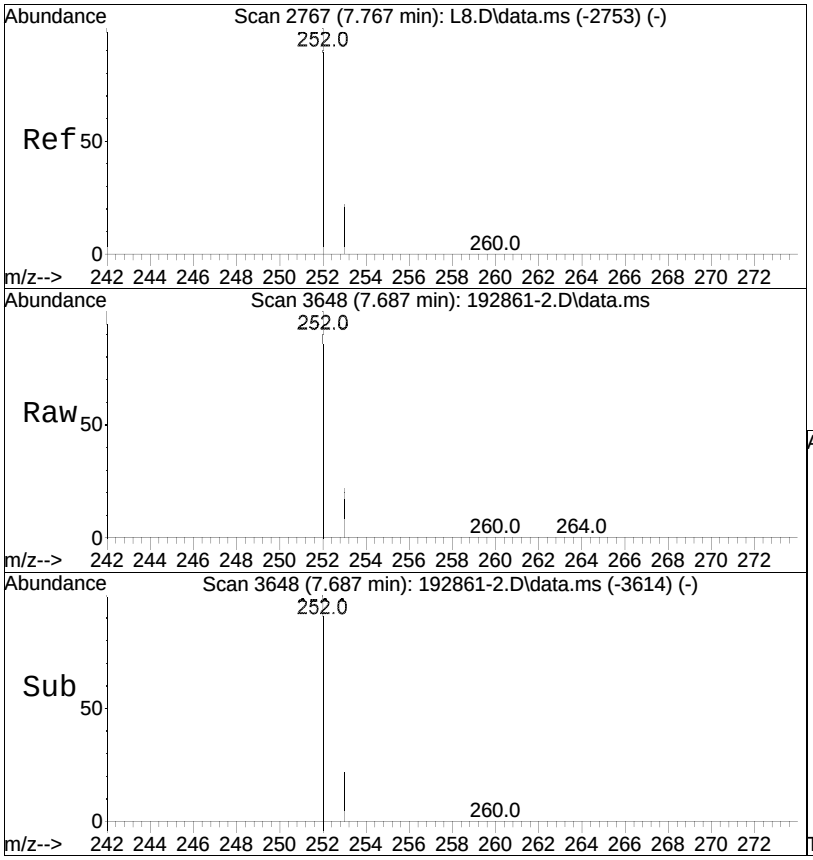


#35
Chrysene
Concen: 1942.06 ng/ml
RT: 6.848 min Scan# 3155
Delta R.T. 0.018 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:228 Resp: 604673

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
227	13.8	10.6	16.0
229	19.4	15.4	23.2

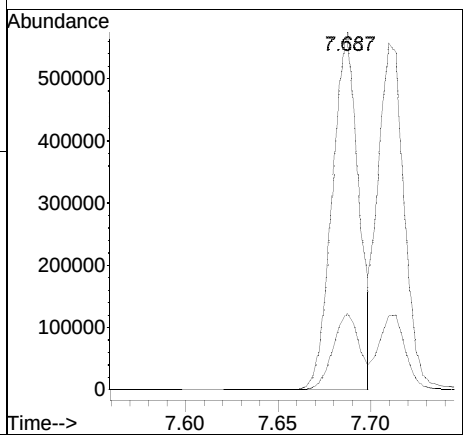


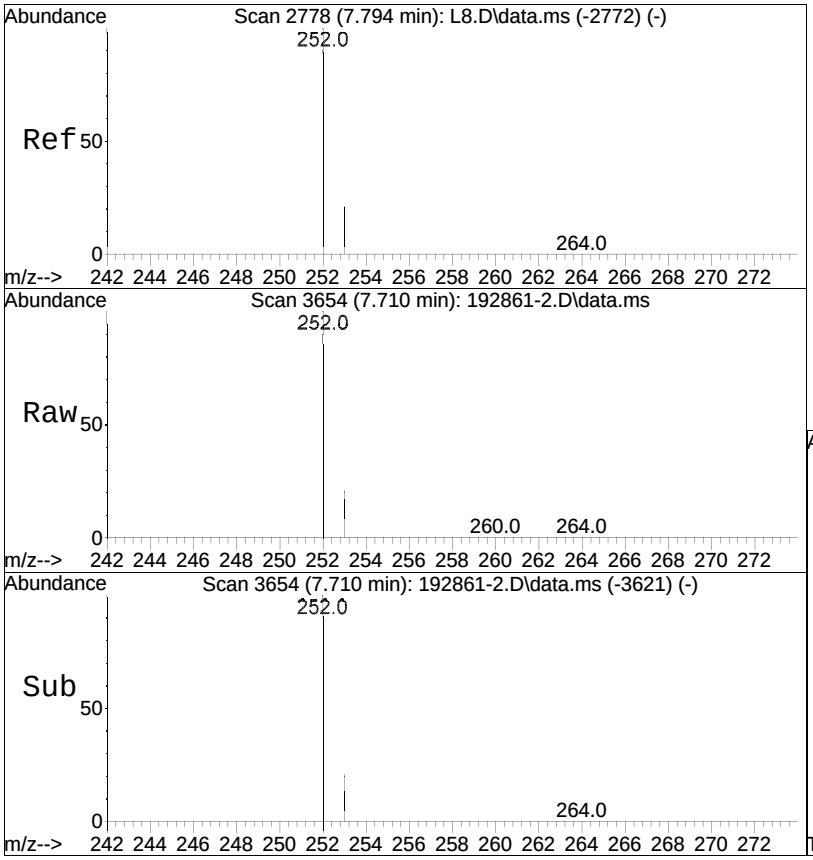


#38
Benzo[b]fluoranthene
Concen: 2044.34 ng/ml
RT: 7.687 min Scan# 3648
Delta R.T. 0.026 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:252 Resp: 570120

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9

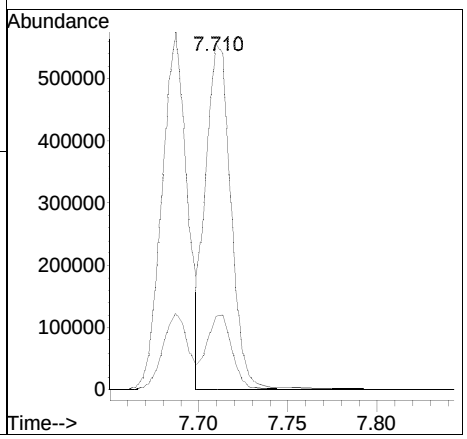


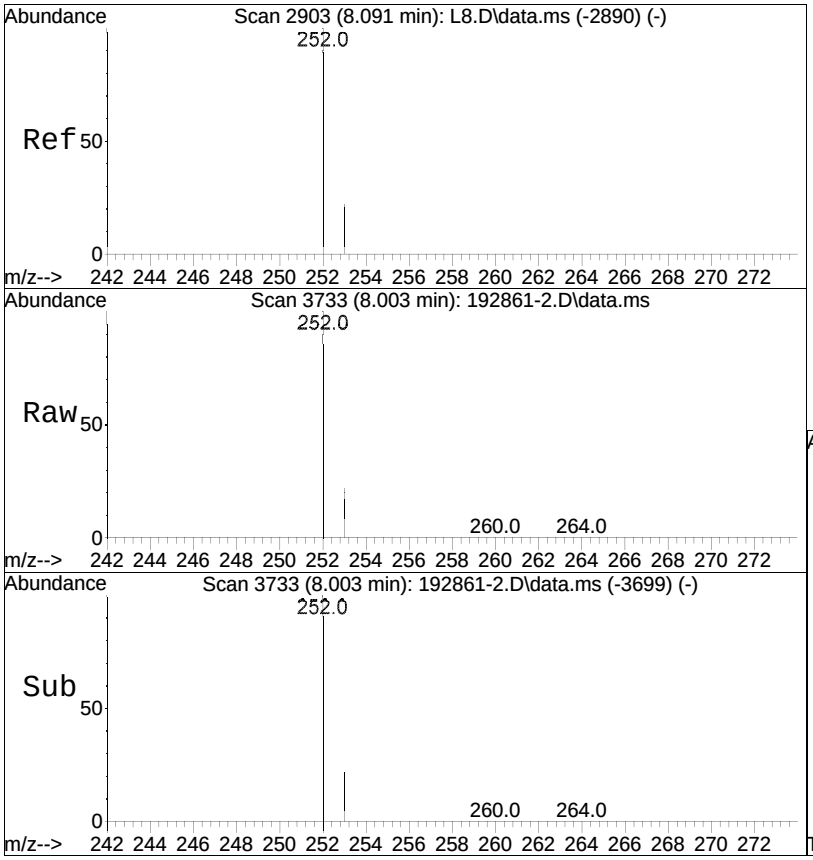


#39
Benzo[k]fluoranthene
Concen: 1921.65 ng/ml
RT: 7.710 min Scan# 3654
Delta R.T. 0.022 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:252 Resp: 541567

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2

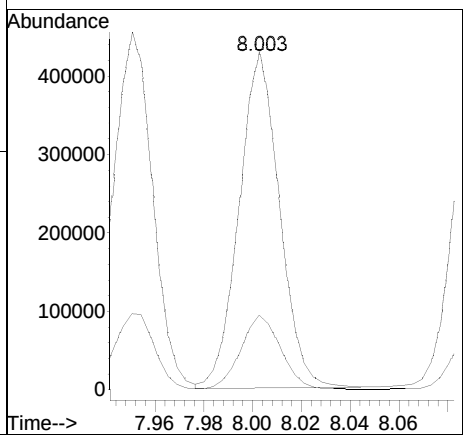


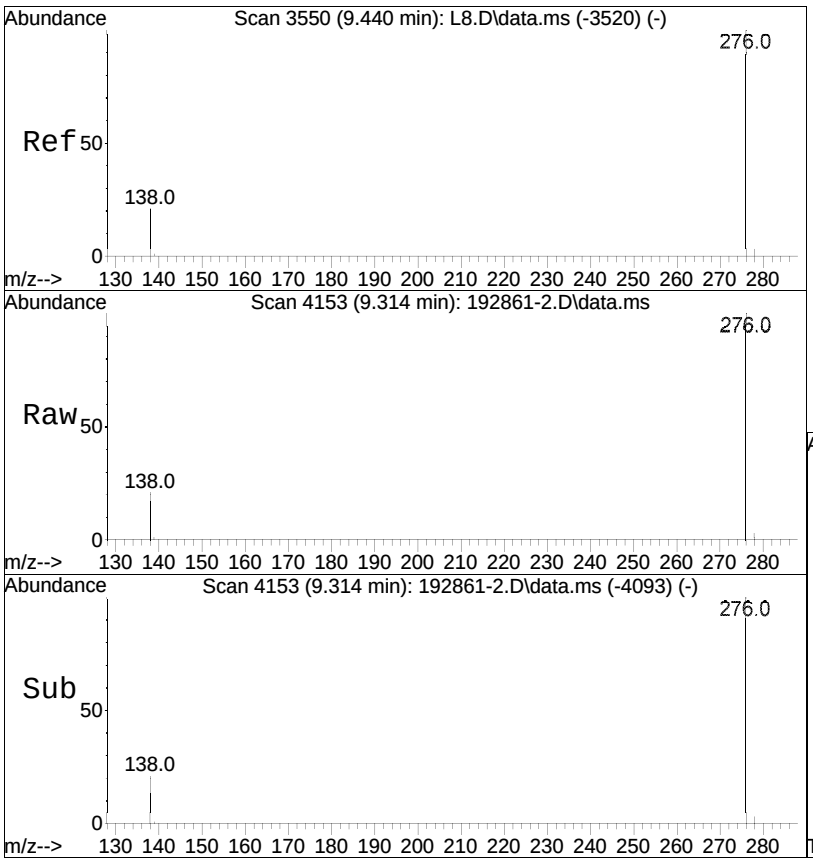


#40
Benzo[a]pyrene
Concen: 2008.04 ng/ml
RT: 8.003 min Scan# 3733
Delta R.T. 0.026 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:252 Resp: 490595

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0

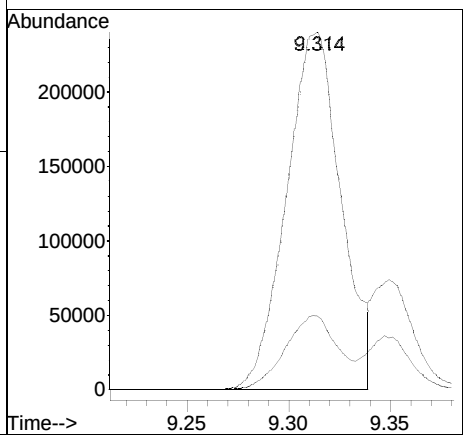


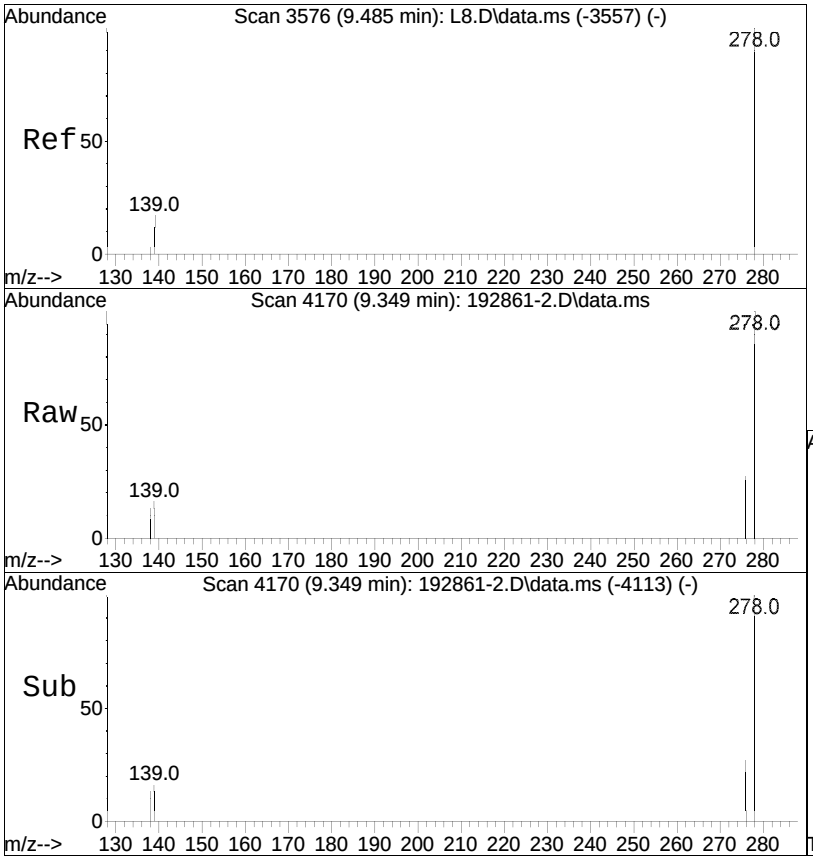


#41
Indeno[1,2,3-cd]pyrene
Concen: 2043.94 ng/ml
RT: 9.314 min Scan# 4153
Delta R.T. 0.025 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:276 Resp: 445868

Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.6	28.0

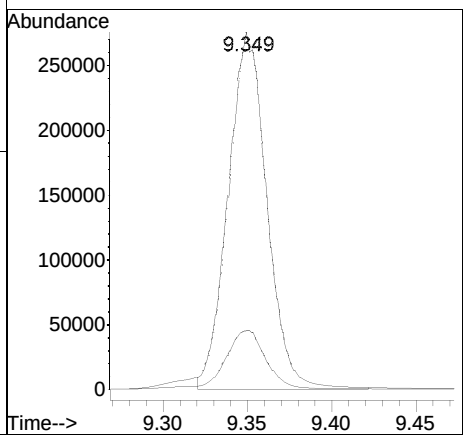


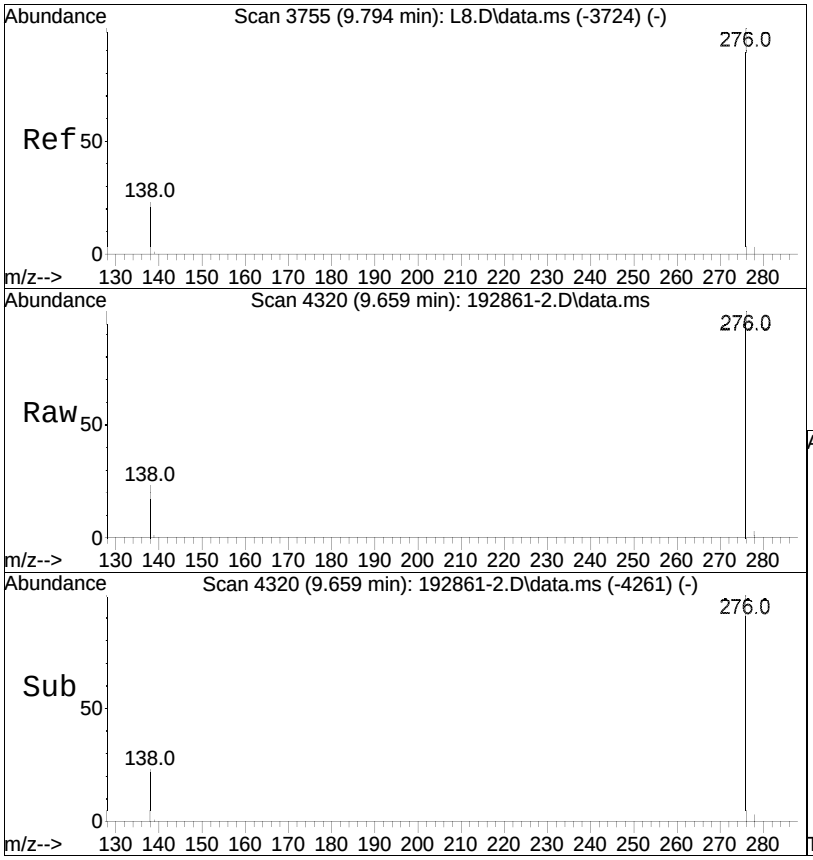


#42
Dibenzo[a,h]anthracene
Concen: 2071.69 ng/ml M6
RT: 9.349 min Scan# 4170
Delta R.T. 0.019 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:278 Resp: 436034

Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.2	22.8

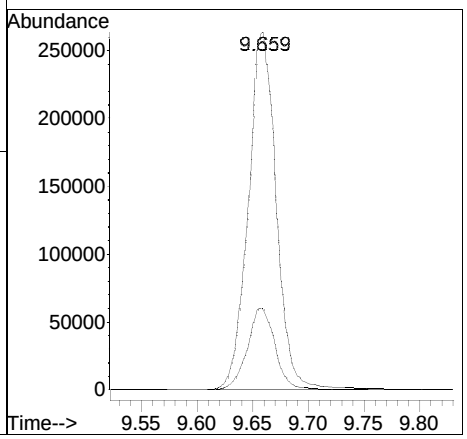




#43
Benzo[g,h,i]perylene
Concen: 1997.33 ng/ml
RT: 9.659 min Scan# 4320
Delta R.T. 0.023 min
Lab File: 192861-2.D
Acq: 03 Apr 2026 10:55 am

Tgt Ion:276 Resp: 453888

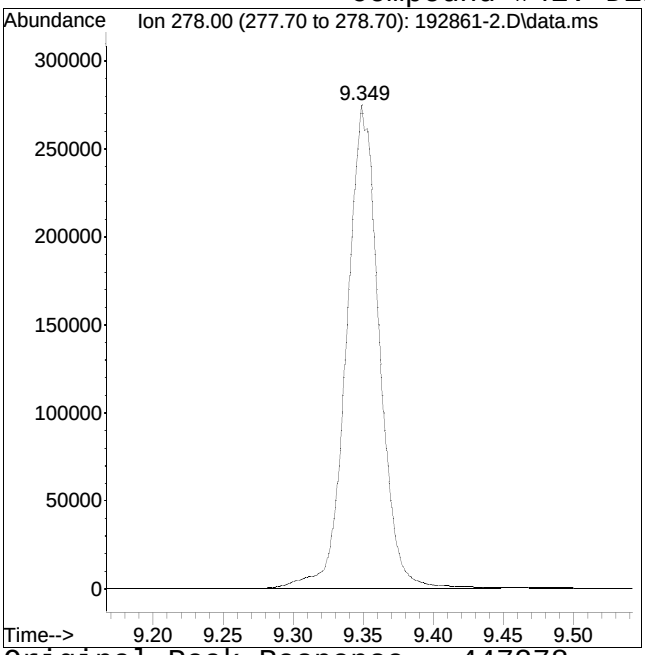
Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.6	31.0



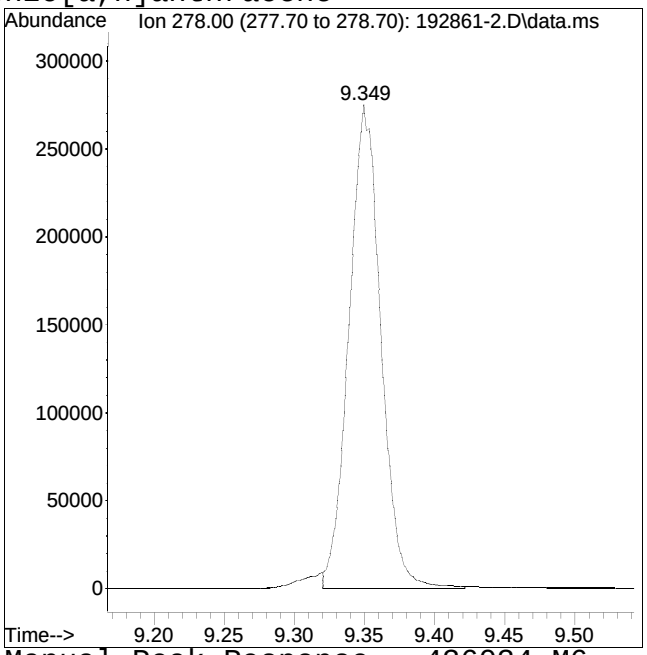
Manual Integration Report

Data Path : I:\8270SIM\SV118\260403RVTQMethod : SIM-RVT_251213sv118.M
Data File : 192861-2.D Operator : sv118:slr
Date Inj'd : 4/3/2026 10:55 am Instrument : SV118
Sample : WG2192861-2,32,,rp Quant Date : 4/3/2026 11:09 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 447278



Manual Peak Response = 436034 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-3.D
Acq On : 03 Apr 2026 11:13 am
Operator : sv118:slr
Sample : WG2192861-3,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 13:42:31 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.566	152	335021	4000.000	ng/ml	0.00
Standard Area 1 = 366718			Recovery = 91.36%			
9) Naphthalene-d8	3.268	136	1273110	4000.000	ng/ml	0.00
Standard Area 1 = 1412383			Recovery = 90.14%			
18) Acenaphthene-d10	4.302	164	718466	4000.000	ng/ml	0.00
Standard Area 1 = 811303			Recovery = 88.56%			
23) Phenanthrene-d10	5.188	188	1415000	4000.000	ng/ml	0.00
Standard Area 1 = 1627596			Recovery = 86.94%			
32) Chrysene-d12	6.803	240	1063708	4000.000	ng/ml	0.00
Standard Area 1 = 1244272			Recovery = 85.49%			
37) Perylene-d12	8.032	264	1017701	4000.000	ng/ml	-0.01
Standard Area 1 = 1160895			Recovery = 87.67%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.938	112	107360	1307.768	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 65.39%			
4) Phenol-d6	2.368	99	85353	864.318	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 43.22%			
8) Nitrobenzene-d5	2.863	82	87375	1147.186	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 114.72%			
14) 2-Fluorobiphenyl	3.902	172	208515	769.677	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 76.97%			
22) 2,4,6-Tribromophenol	4.772	330	72286	2025.855	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery = 101.29%			
31) 4-Terphenyl-d14	6.151	244	237768	871.961	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery = 87.20%			
Target Compounds						Qvalue
7) Hexachloroethane	2.842	117	69976	1654.421	ng/ml	94
10) Naphthalene	3.279	128	507378	1550.462	ng/ml	99
11) Hexachlorobutadiene	3.360	225	93908	1434.891	ng/ml	100
12) 2-Methylnaphthalene	3.683	142	347966	1720.782	ng/ml	100
15) 2-Chloronaphthalene	3.969	162	359478	1551.429	ng/ml	89
17) Acenaphthylene	4.216	152	607239	1763.844	ng/ml	99
19) Acenaphthene	4.321	153	382572	1580.819	ng/ml	100
21) Fluorene	4.630	166	438325	1588.104	ng/ml	100
25) Hexachlorobenzene	4.964	284	159700	1718.296	ng/ml	100
26) Pentachlorophenol	5.080	266	96834	2152.959	ng/ml	100

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-3.D
Acq On : 03 Apr 2026 11:13 am
Operator : sv118:slr
Sample : WG2192861-3,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 13:42:31 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV118\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	5.202	178	643163	1588.598	ng/ml	100
28) Anthracene	5.233	178	666058	1695.780	ng/ml	100
29) Fluoranthene	5.917	202	732946	1712.162	ng/ml	99
30) Pyrene	6.053	202	743575	1689.205	ng/ml	98
33) Benzo[a]anthracene	6.796	226	189796	1714.330	ng/ml	96
35) Chrysene	6.821	228	629507	1737.364	ng/ml	99
38) Benzo[b]fluoranthene	7.650	252	584723	1781.609	ng/ml	100
39) Benzo[k]fluoranthene	7.676	252	570085	1718.841	ng/ml	99
40) Benzo[a]pyrene	7.965	252	512322	1781.830	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.274	276	463520	1805.529	ng/ml	95
42) Dibenzo[a,h]anthracene	9.311	278	466490M6	1883.309	ng/ml	
43) Benzo[g,h,i]perylene	9.621	276	486161	1817.839	ng/ml	94

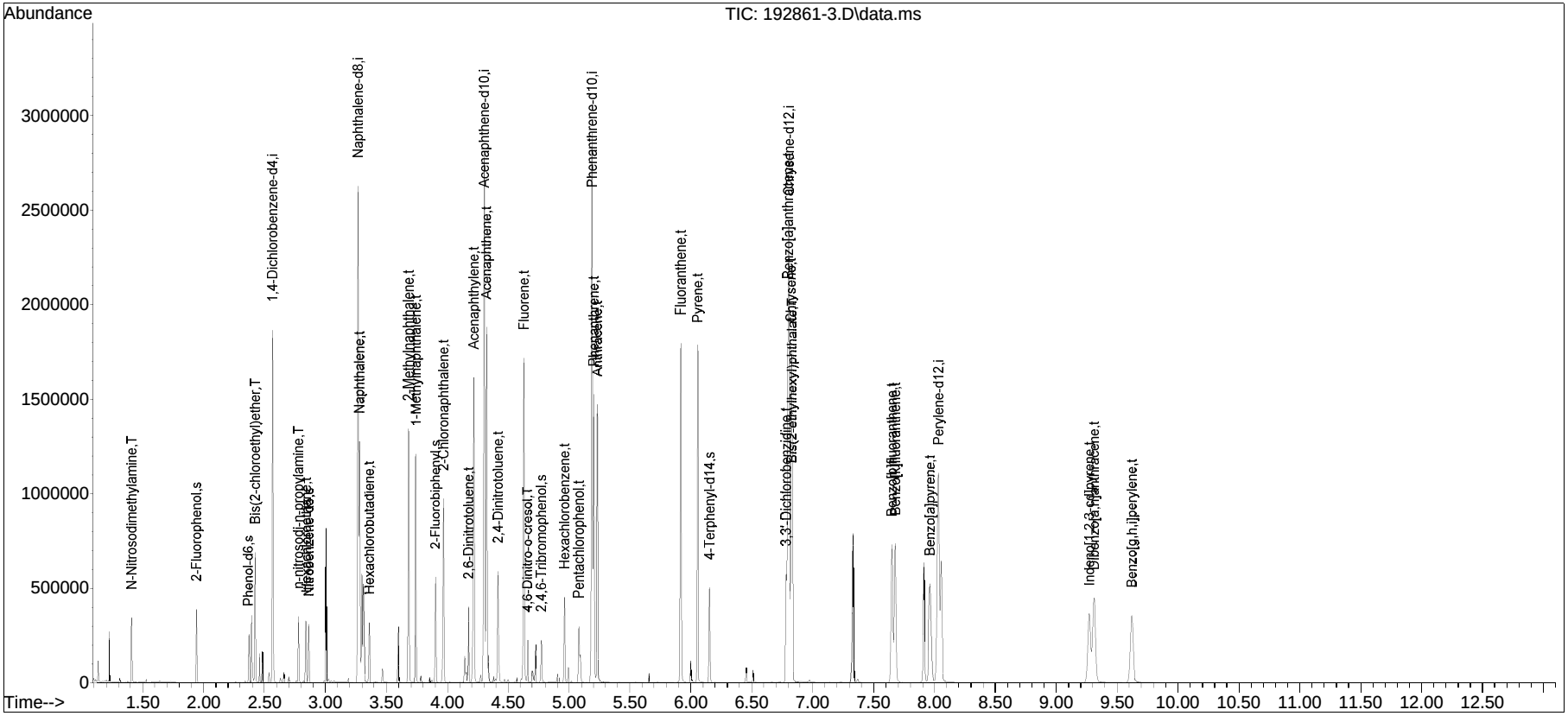
(#) = qualifier out of range (m) = manual integration (+) = signals summed

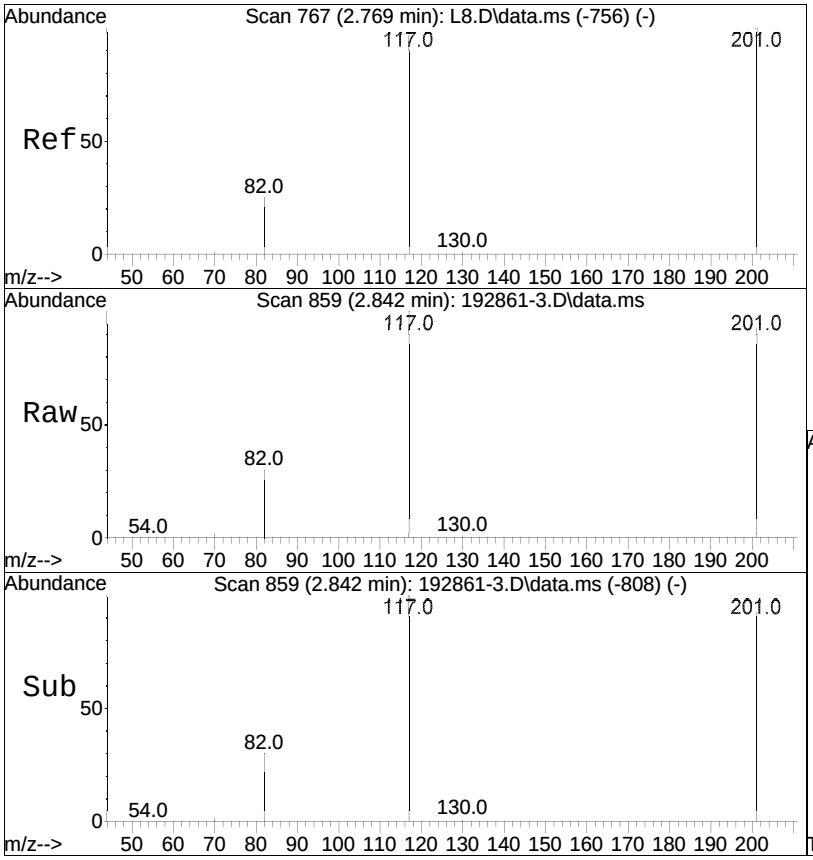
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\260403RVT\
Data File : 192861-3.D
Acq On : 03 Apr 2026 11:13 am
Operator : sv118:slr
Sample : WG2192861-3,32,,rp
Misc : WG2193570,WG2192861,ical22895
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 13:42:31 2026
Quant Method : I:\8270sim\SV118\260403RVT\SIM-RVT_251213sv118.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:16:53 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•

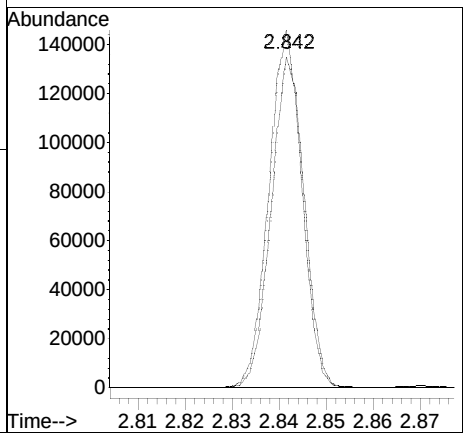


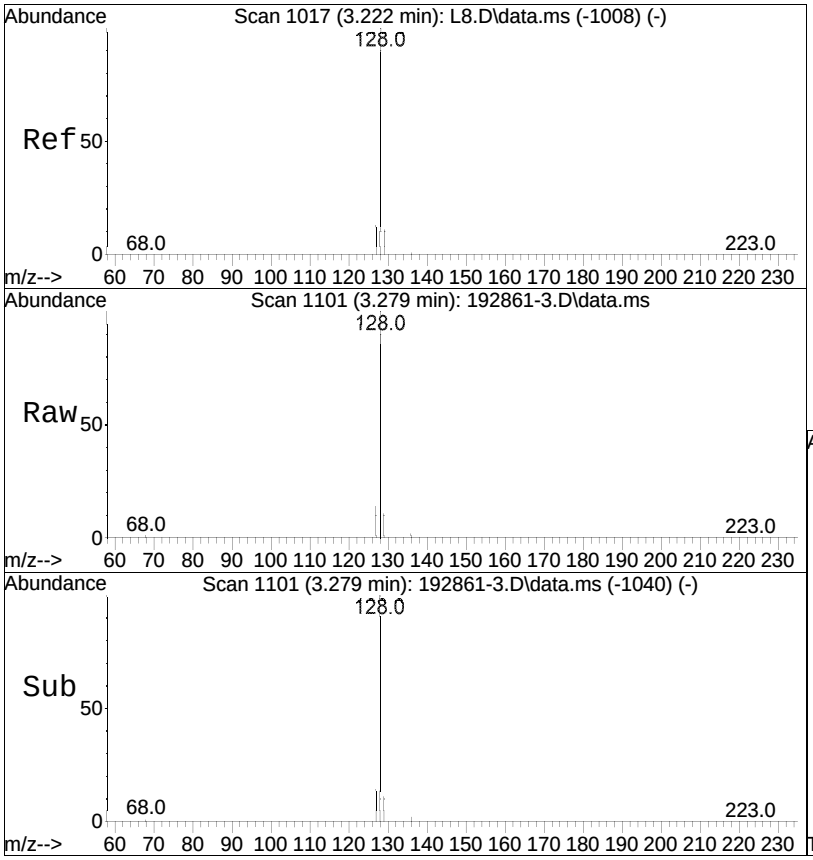


#7
Hexachloroethane
Concen: 1654.42 ng/ml
RT: 2.842 min Scan# 859
Delta R.T. -0.001 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:117 Resp: 69976

Ion	Ratio	Lower	Upper
117	100		
201	93.2	79.1	118.7

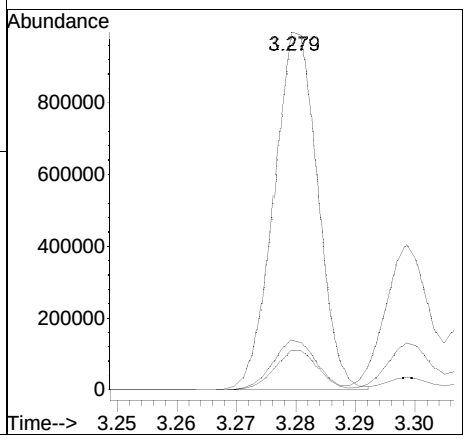


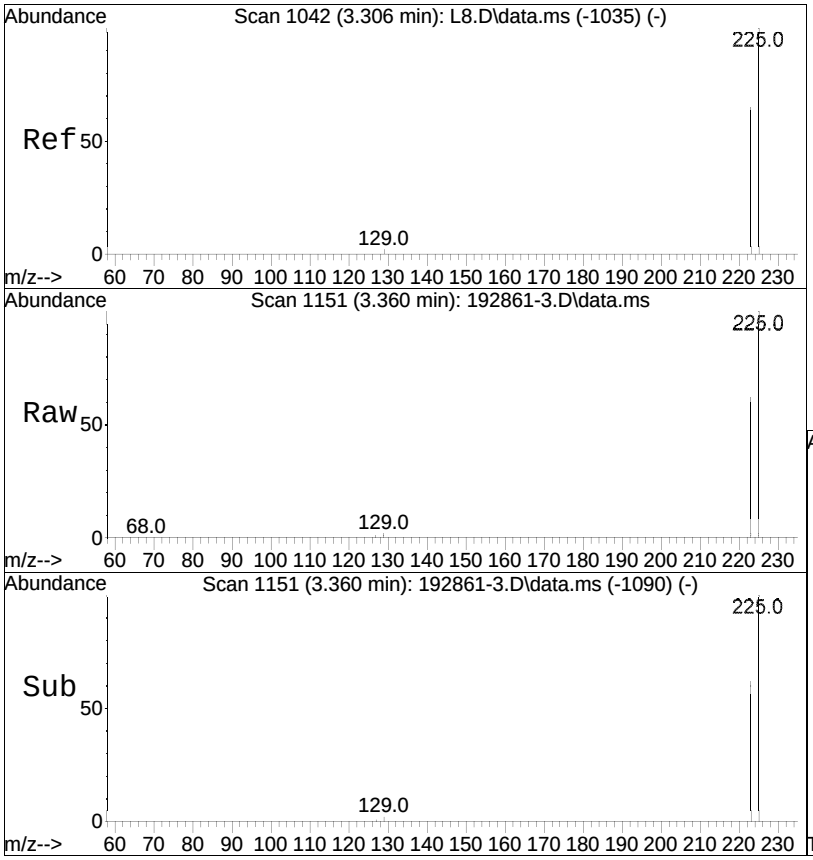


#10
Naphthalene
Concen: 1550.46 ng/ml
RT: 3.279 min Scan# 1101
Delta R.T. -0.003 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:128 Resp: 507378

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	14.0	10.8	16.2

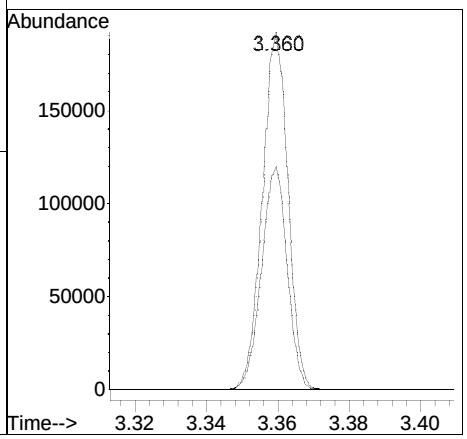


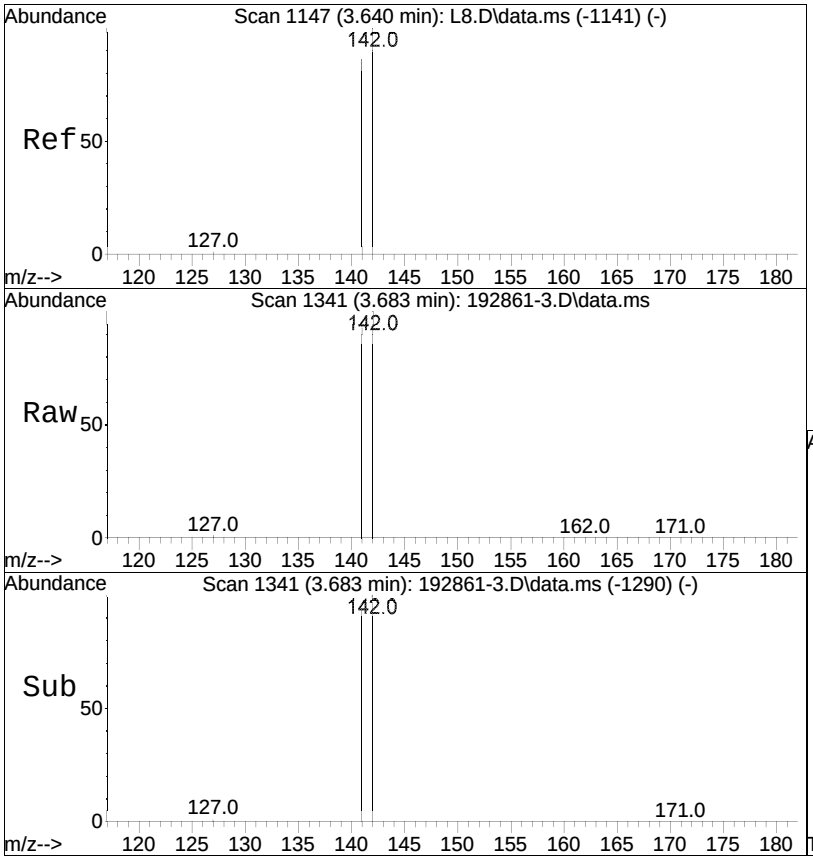


#11
Hexachlorobutadiene
Concen: 1434.89 ng/ml
RT: 3.360 min Scan# 1151
Delta R.T. -0.003 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:225 Resp: 93908

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6

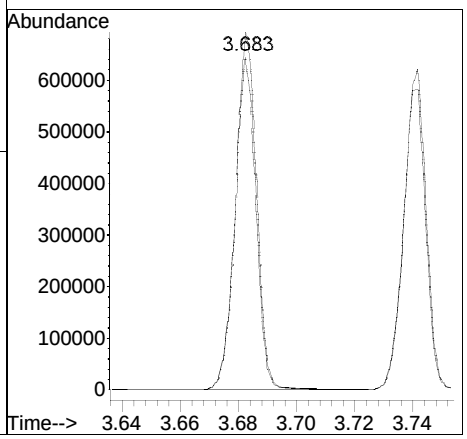


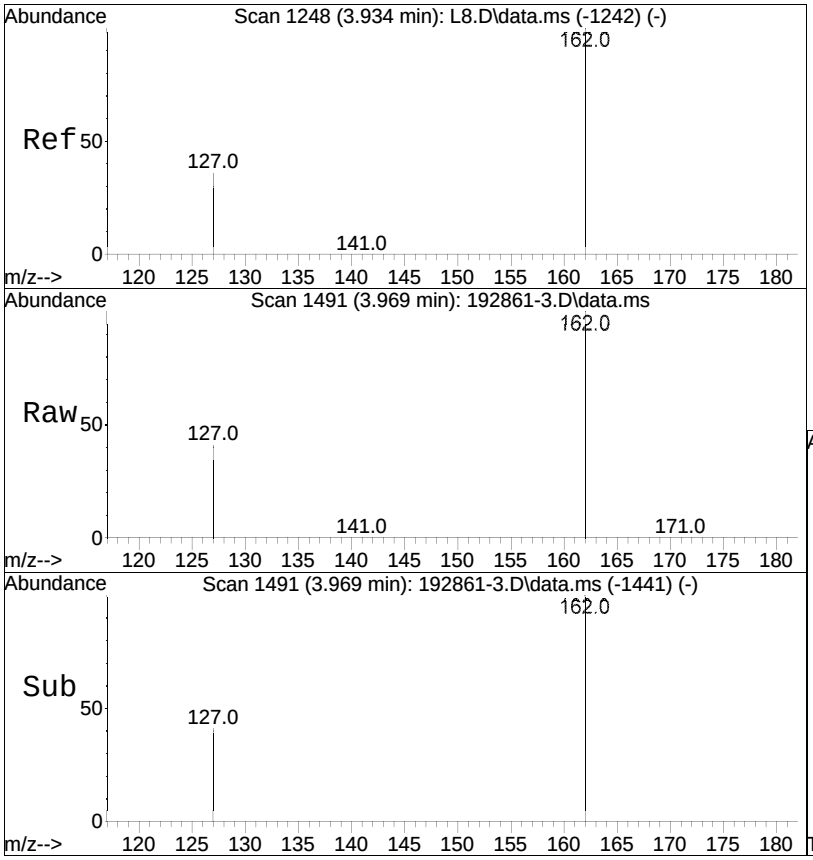


#12
2-Methylnaphthalene
Concen: 1720.78 ng/ml
RT: 3.683 min Scan# 1341
Delta R.T. -0.003 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:142 Resp: 347966

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1

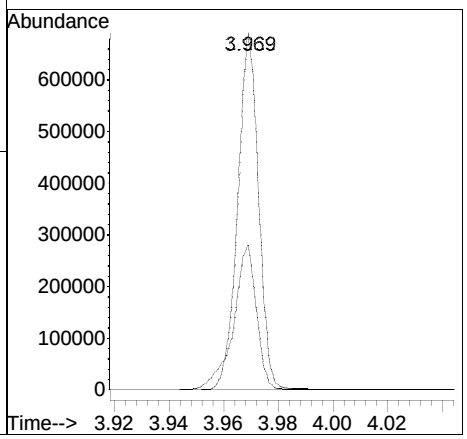


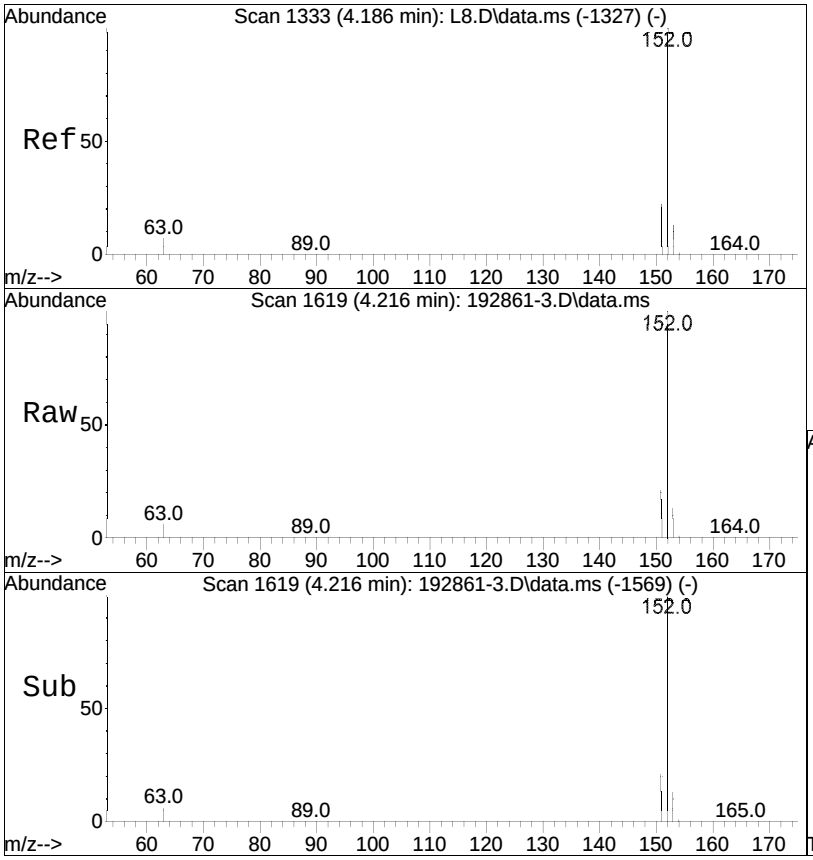


#15
2-Chloronaphthalene
Concen: 1551.43 ng/ml
RT: 3.969 min Scan# 1491
Delta R.T. -0.005 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:162 Resp: 359478

Ion	Ratio	Lower	Upper
162	100		
127	45.2	31.0	46.6

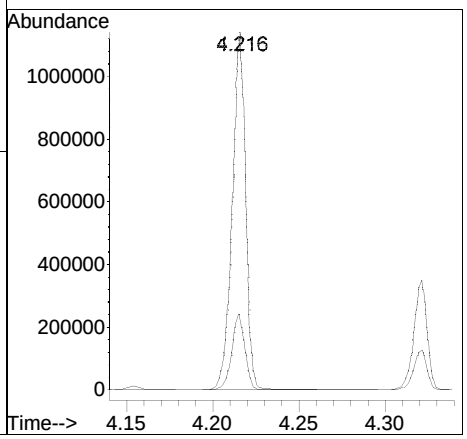


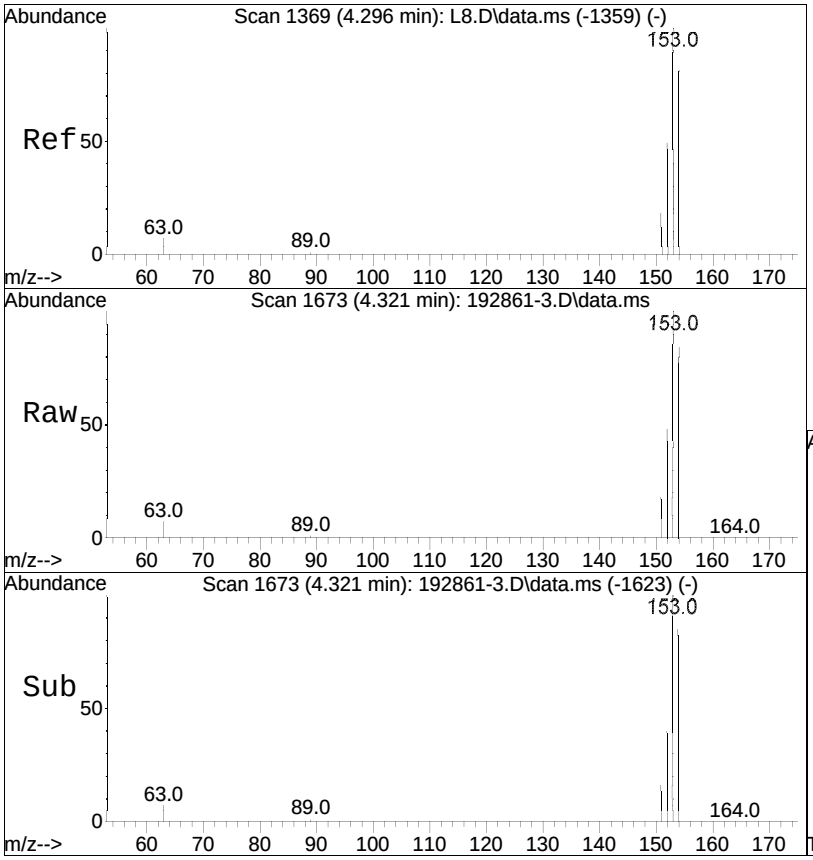


#17
Acenaphthylene
Concen: 1763.84 ng/ml
RT: 4.216 min Scan# 1619
Delta R.T. -0.003 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:152 Resp: 607239

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6

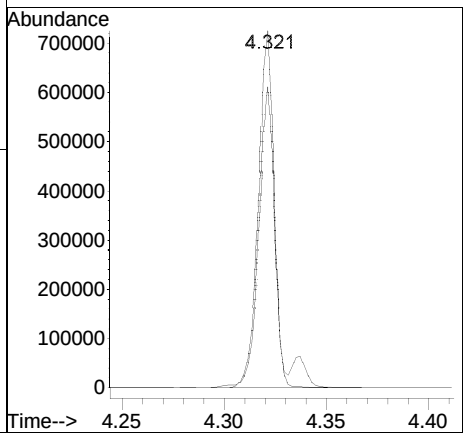


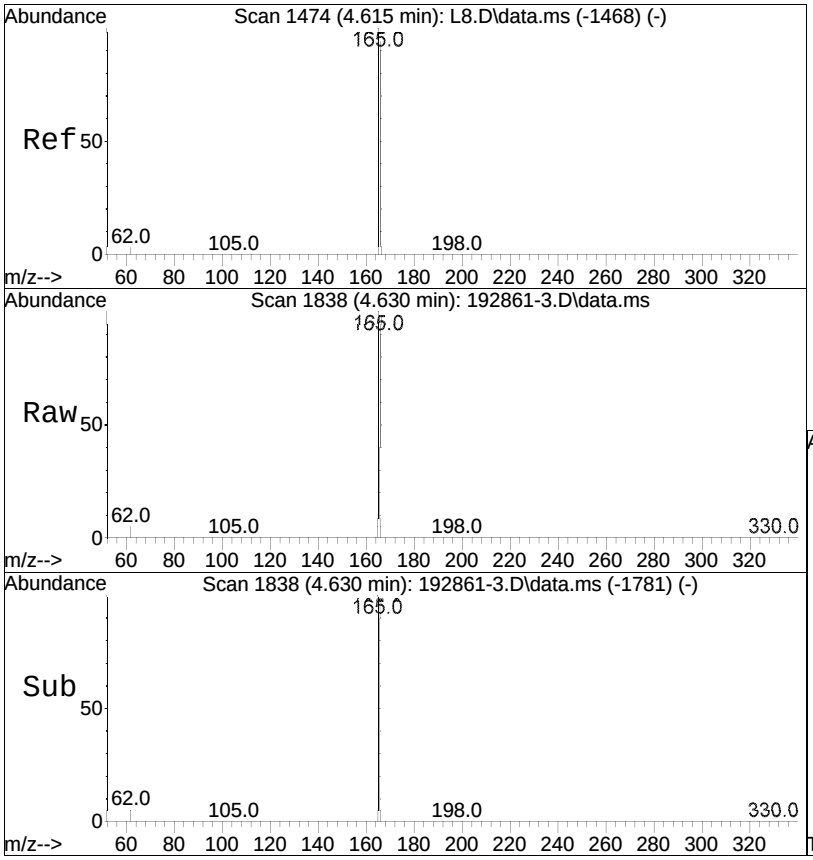


#19
Acenaphthene
Concen: 1580.82 ng/ml
RT: 4.321 min Scan# 1673
Delta R.T. -0.003 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:153 Resp: 382572

Ion	Ratio	Lower	Upper
153	100		
154	84.8	67.6	101.4

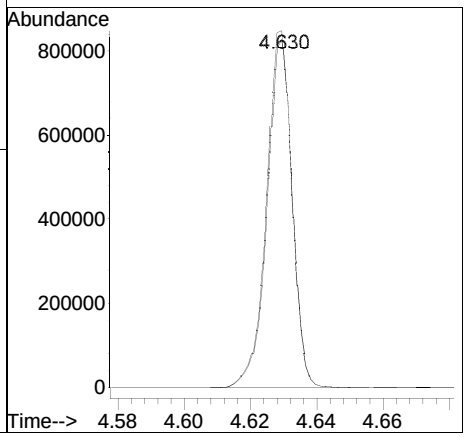


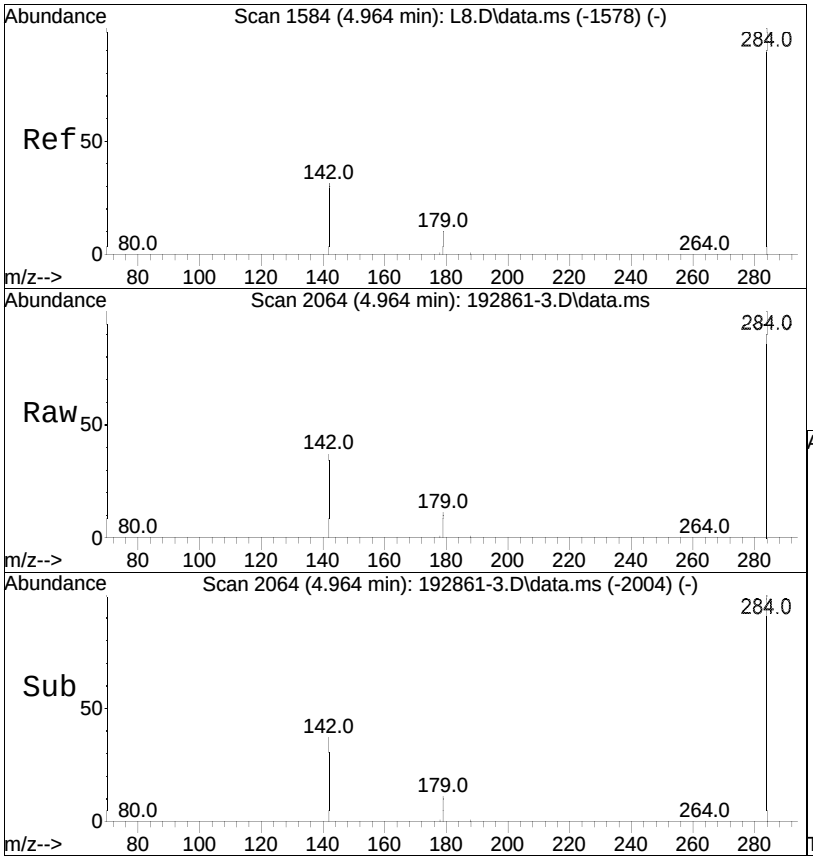


#21
Fluorene
Concen: 1588.10 ng/ml
RT: 4.630 min Scan# 1838
Delta R.T. -0.003 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:166 Resp: 438325

Ion	Ratio	Lower	Upper
166	100		
165	103.5	82.5	123.7

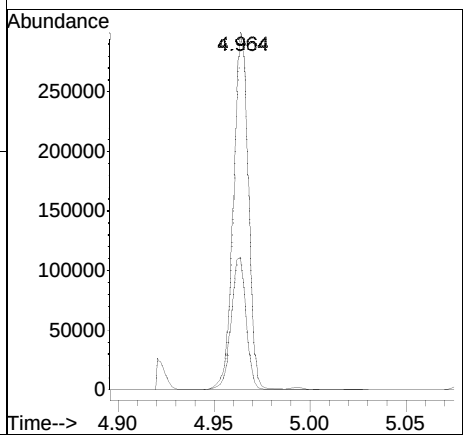


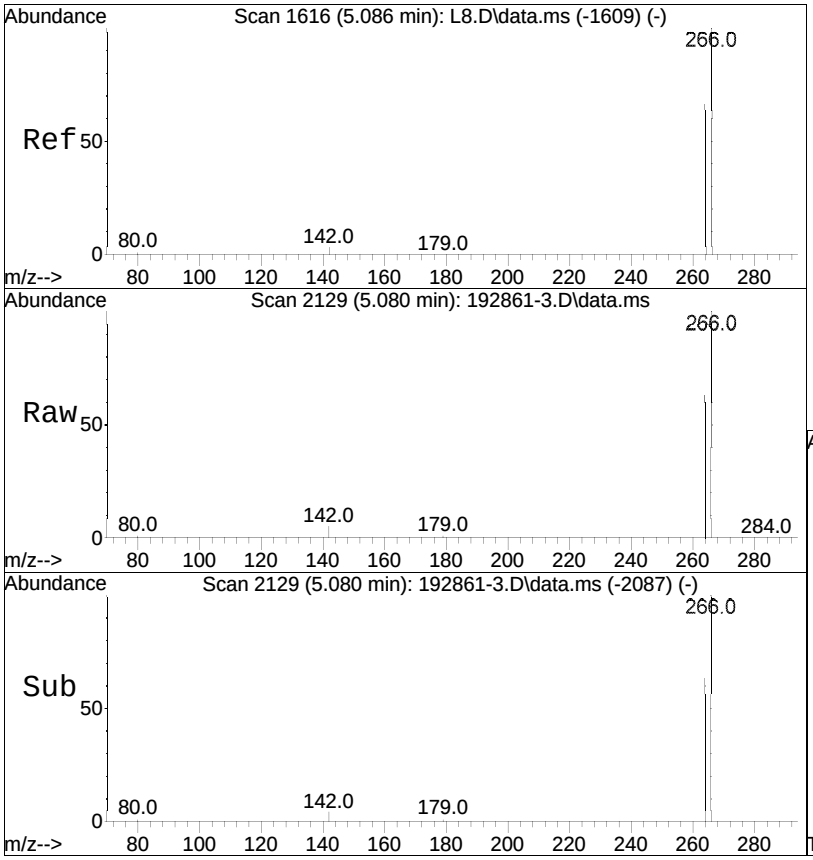


#25
Hexachlorobenzene
Concen: 1718.30 ng/ml
RT: 4.964 min Scan# 2064
Delta R.T. -0.004 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:284 Resp: 159700

Ion	Ratio	Lower	Upper
284	100		
142	37.4	29.9	44.9

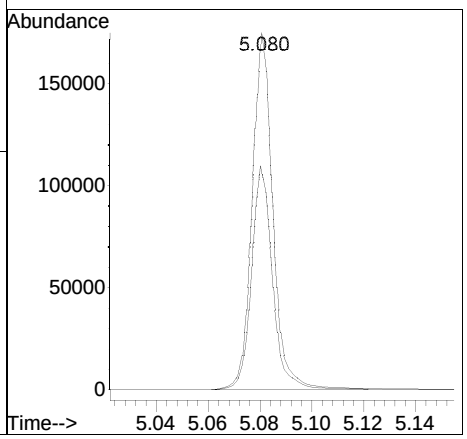


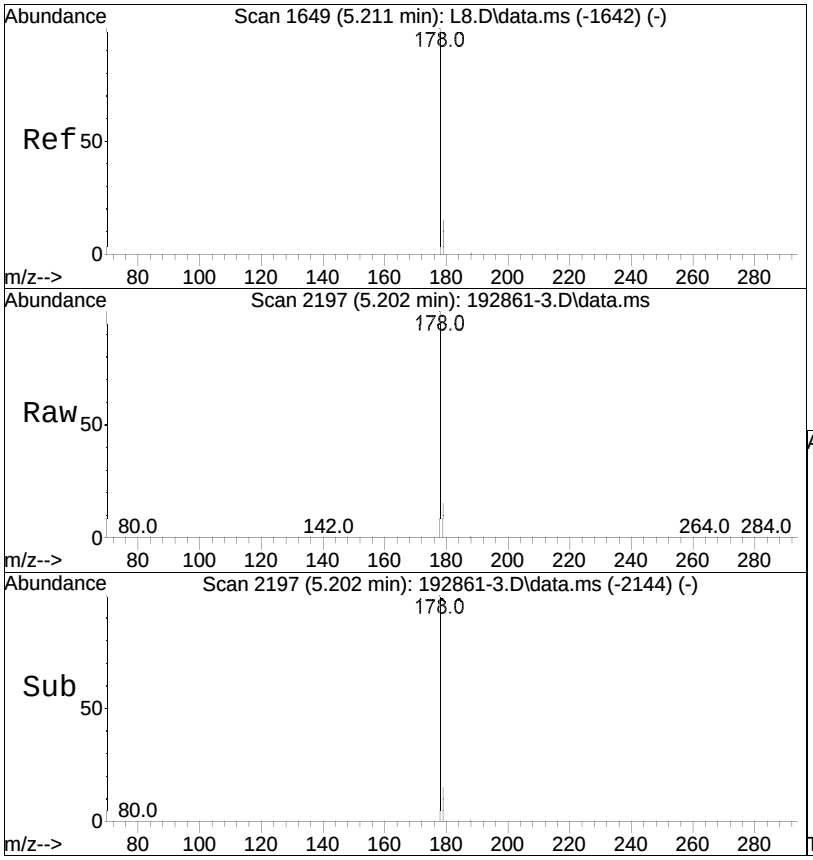


#26
Pentachlorophenol
Concen: 2152.96 ng/ml
RT: 5.080 min Scan# 2129
Delta R.T. -0.004 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:266 Resp: 96834

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.6	75.8

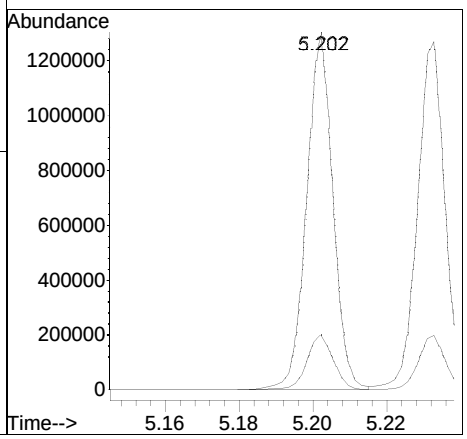


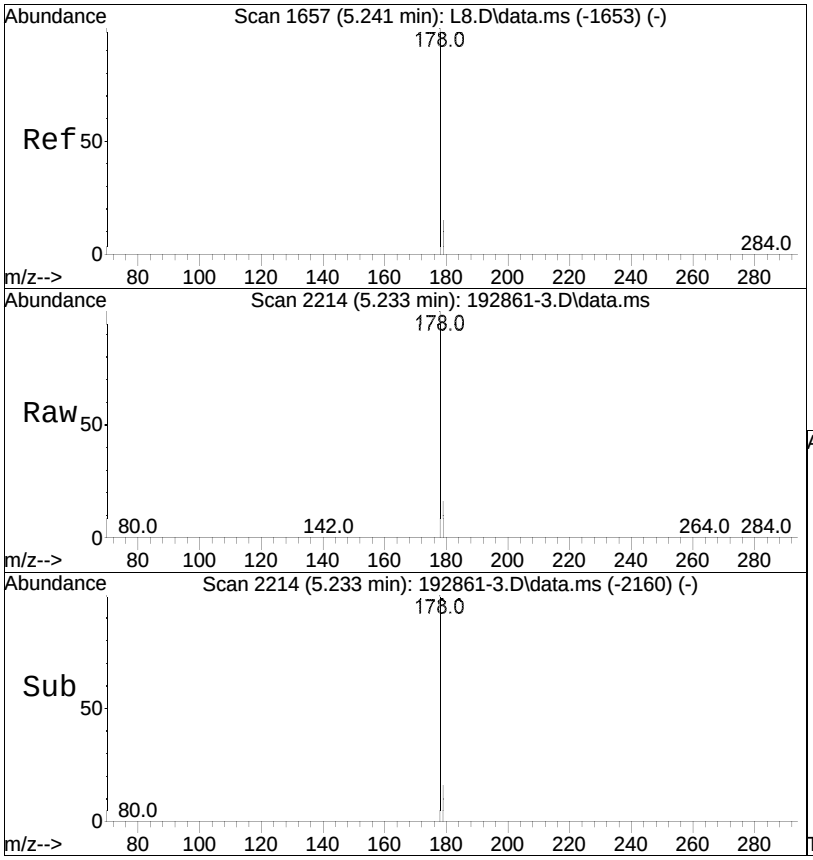


#27
Phenanthrene
Concen: 1588.60 ng/ml
RT: 5.202 min Scan# 2197
Delta R.T. -0.004 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:178 Resp: 643163

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7

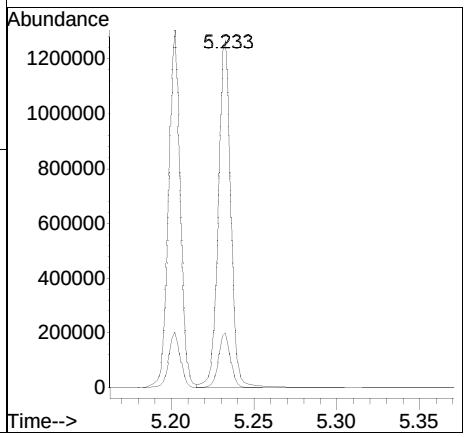


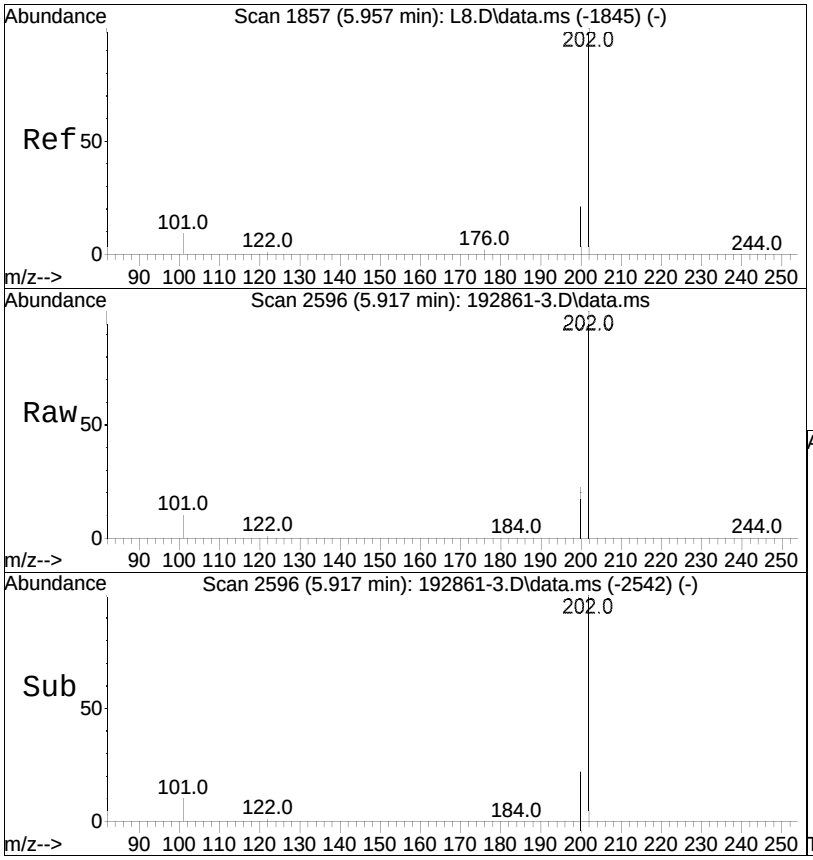


#28
Anthracene
Concen: 1695.78 ng/ml
RT: 5.233 min Scan# 2214
Delta R.T. -0.003 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:178 Resp: 666058

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2

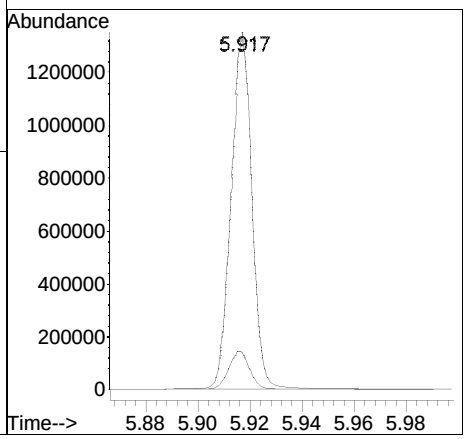


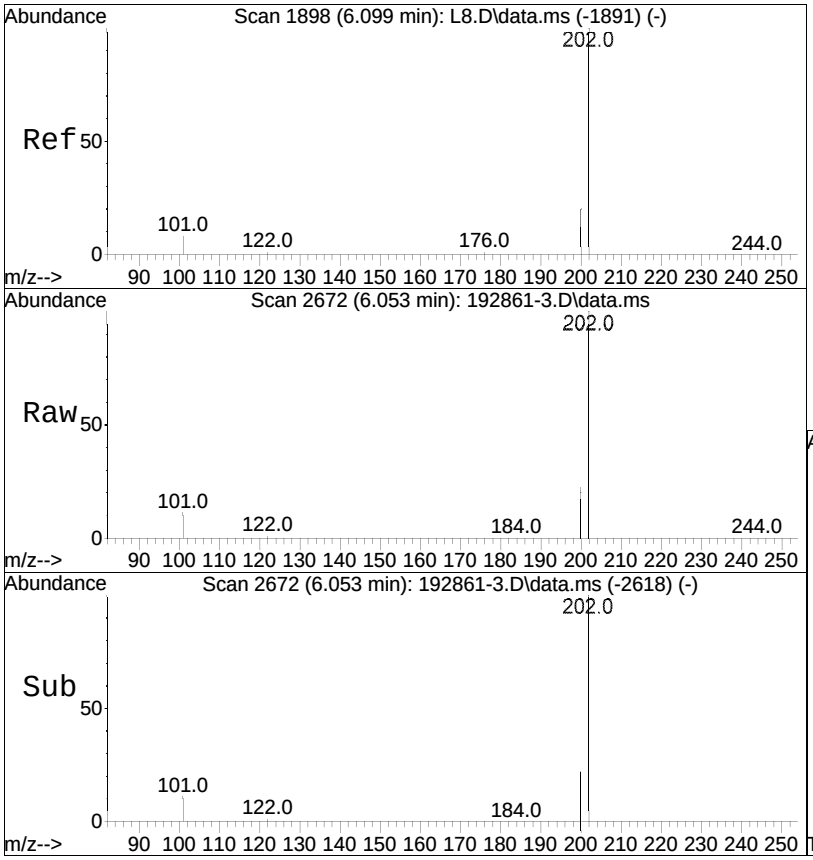


#29
Fluoranthene
Concen: 1712.16 ng/ml
RT: 5.917 min Scan# 2596
Delta R.T. -0.004 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:202 Resp: 732946

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.4

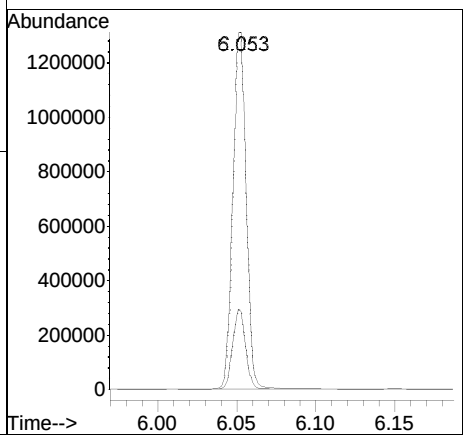


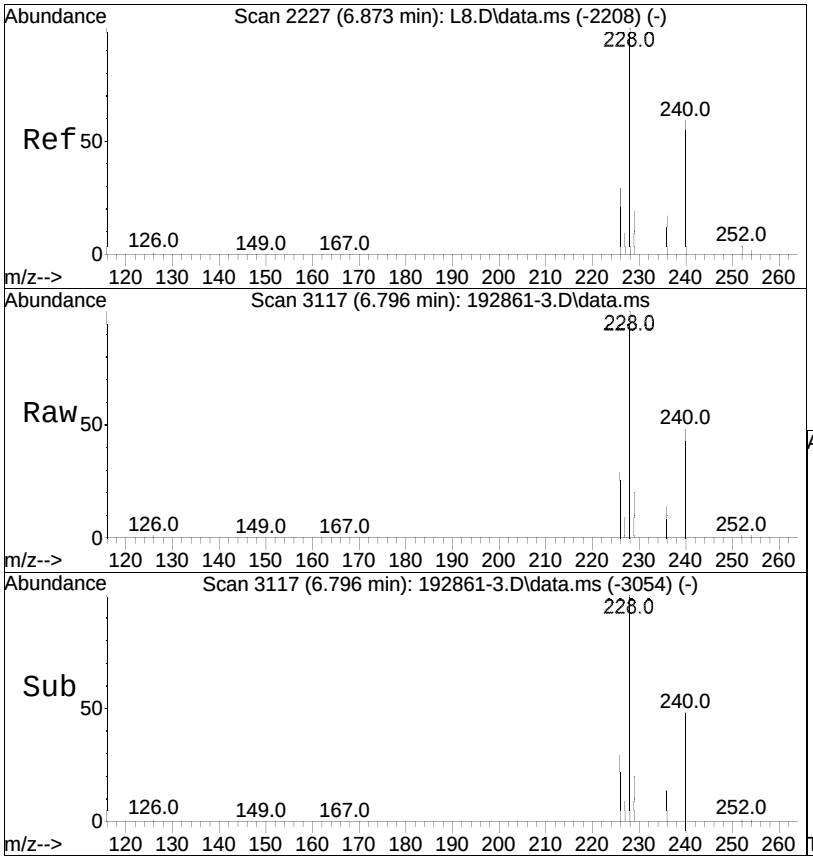


#30
Pyrene
Concen: 1689.20 ng/ml
RT: 6.053 min Scan# 2672
Delta R.T. -0.004 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:202 Resp: 743575

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.6

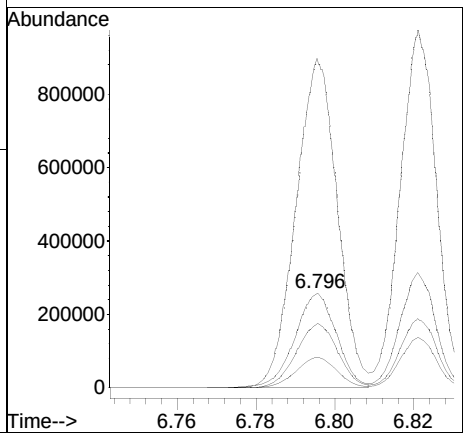


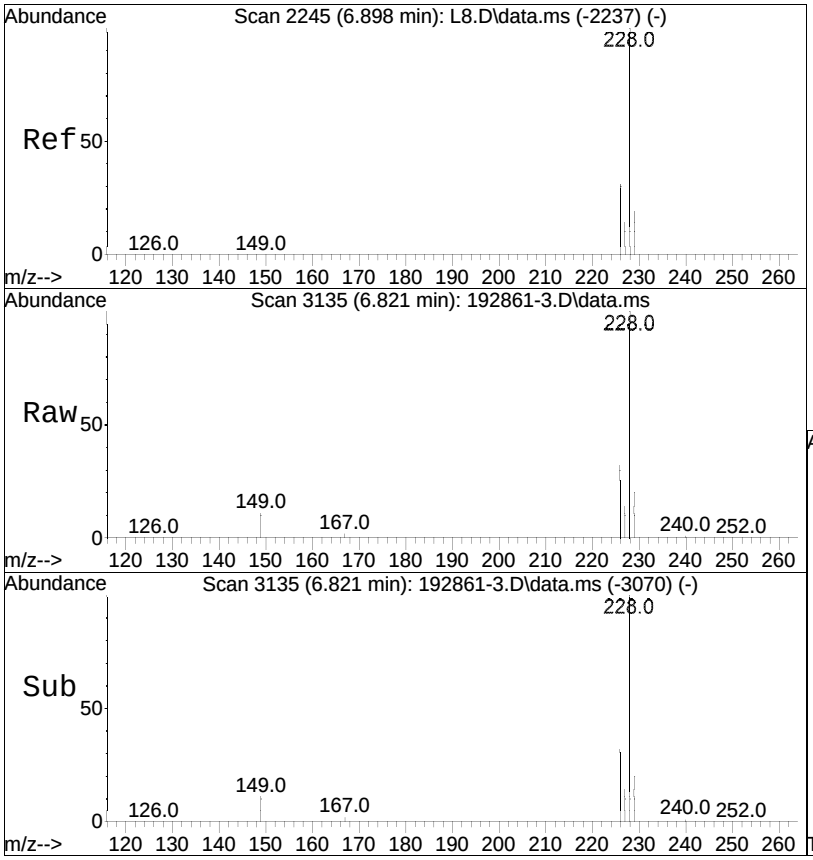


#33
Benzo[a]anthracene
Concen: 1714.33 ng/ml
RT: 6.796 min Scan# 3117
Delta R.T. -0.009 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:226 Resp: 189796

Ion	Ratio	Lower	Upper
226	100		
227	31.8	25.4	38.0
228	344.3	283.4	425.0
229	67.6	55.4	83.2

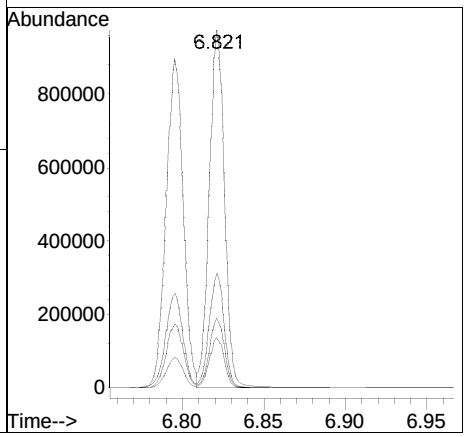


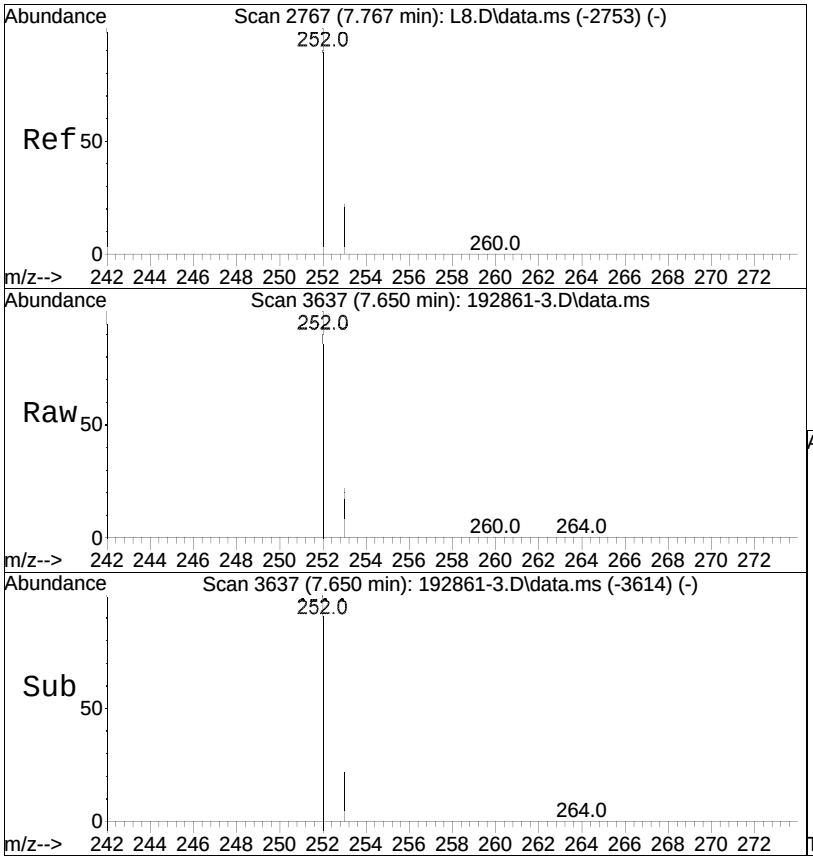


#35
Chrysene
Concen: 1737.36 ng/ml
RT: 6.821 min Scan# 3135
Delta R.T. -0.009 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:228 Resp: 629507

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
227	13.8	10.6	16.0
229	19.4	15.4	23.2

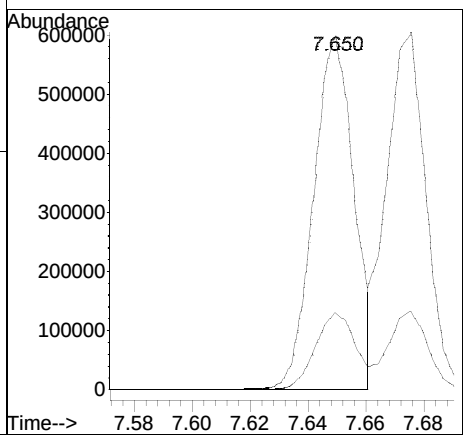


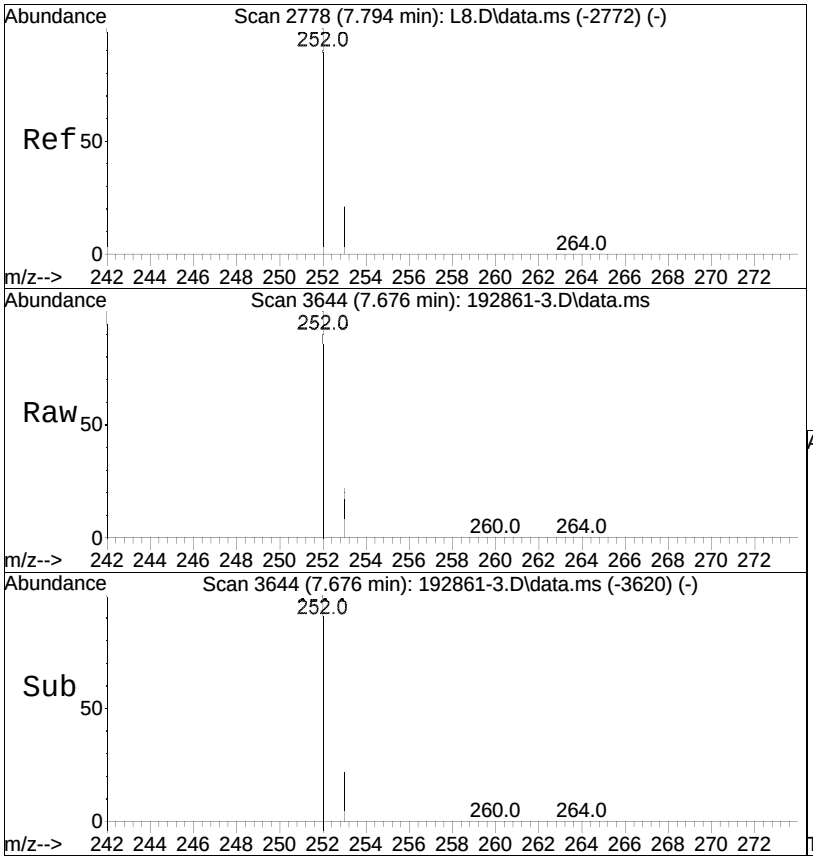


#38
Benzo[b]fluoranthene
Concen: 1781.61 ng/ml
RT: 7.650 min Scan# 3637
Delta R.T. -0.012 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:252 Resp: 584723

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9

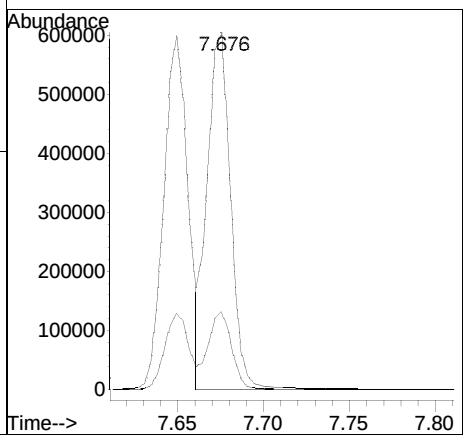


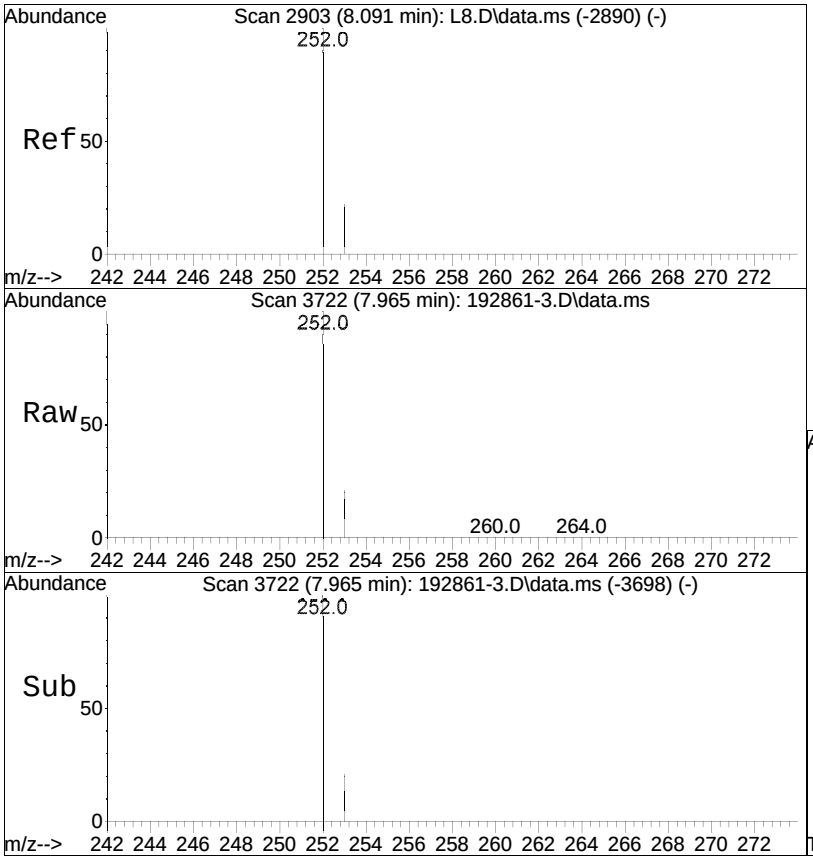


#39
Benzo[k]fluoranthene
Concen: 1718.84 ng/ml
RT: 7.676 min Scan# 3644
Delta R.T. -0.012 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:252 Resp: 570085

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2

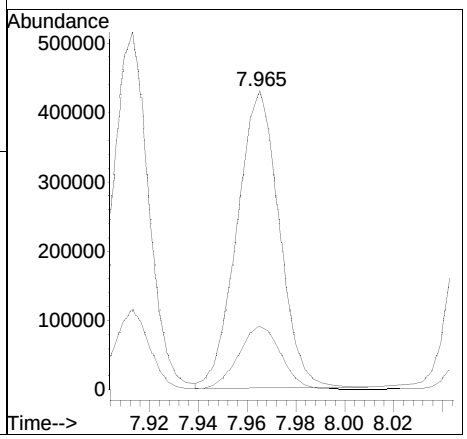


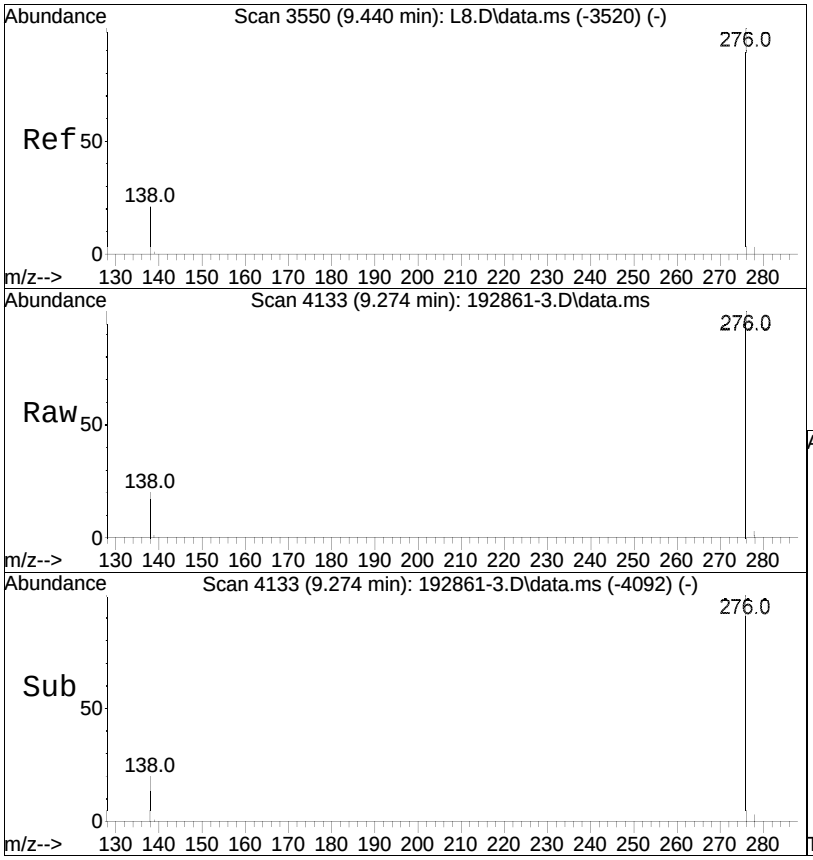


#40
Benzo[a]pyrene
Concen: 1781.83 ng/ml
RT: 7.965 min Scan# 3722
Delta R.T. -0.012 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:252 Resp: 512322

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0

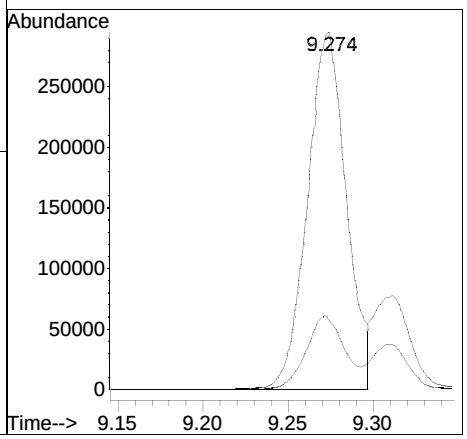


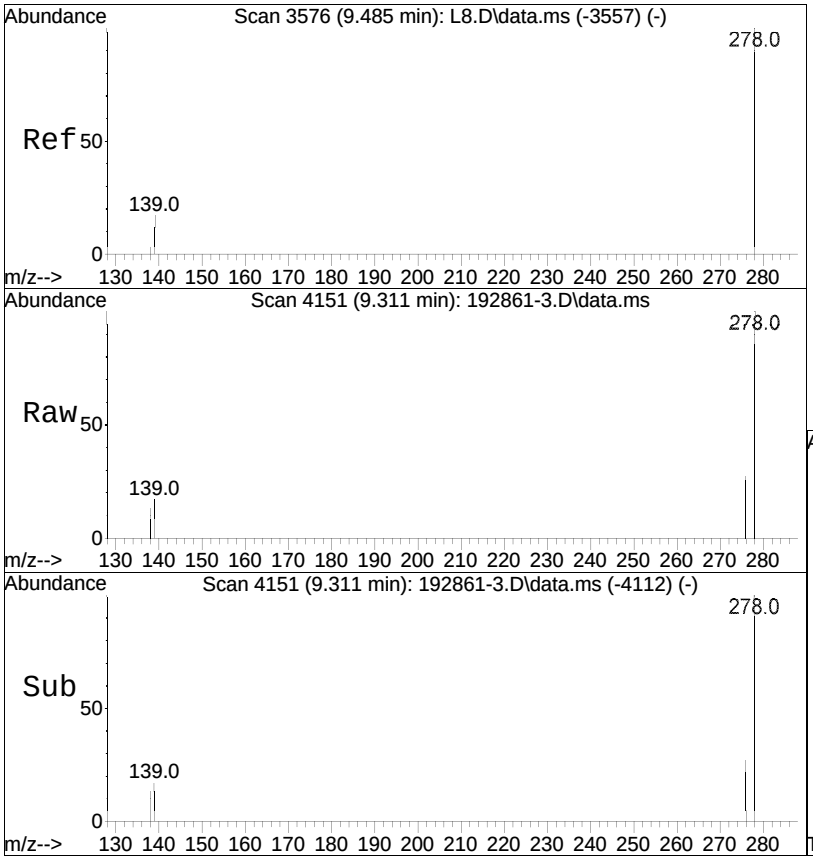


#41
Indeno[1,2,3-cd]pyrene
Concen: 1805.53 ng/ml
RT: 9.274 min Scan# 4133
Delta R.T. -0.015 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:276 Resp: 463520

Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.6	28.0

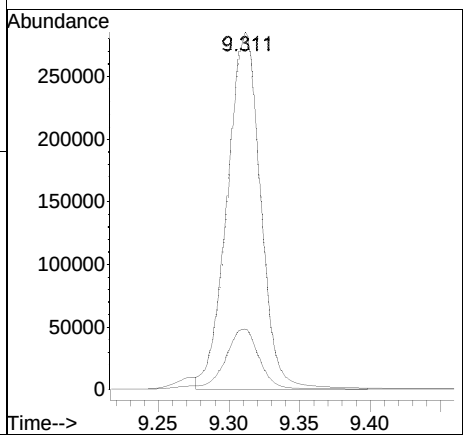


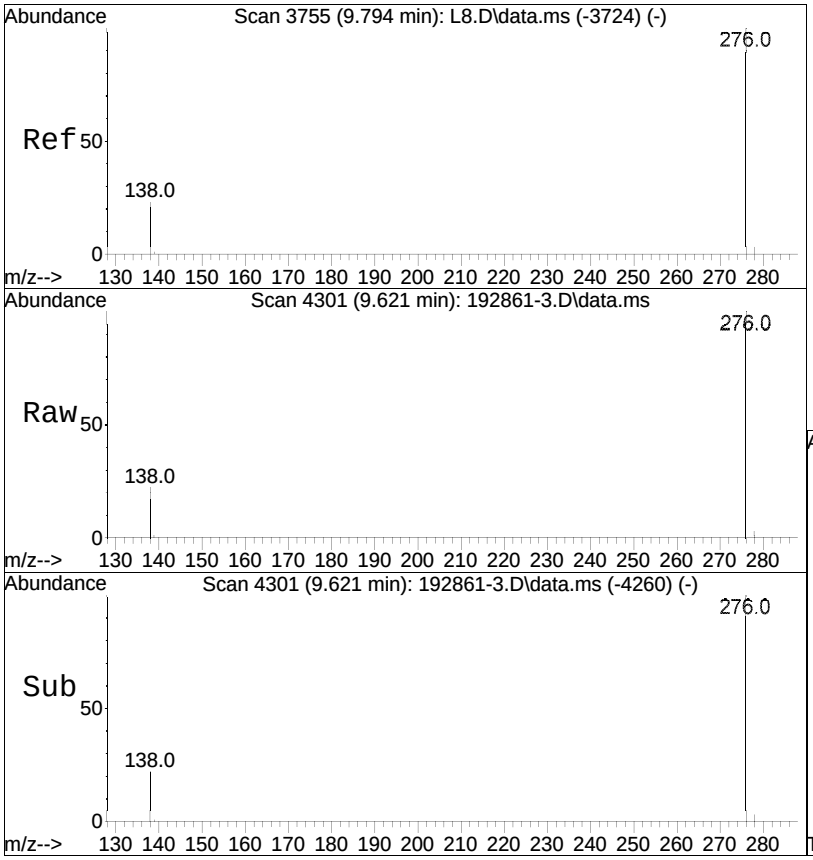


#42
Dibenzo[a,h]anthracene
Concen: 1883.31 ng/ml M6
RT: 9.311 min Scan# 4151
Delta R.T. -0.019 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:278 Resp: 466490

Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.2	22.8

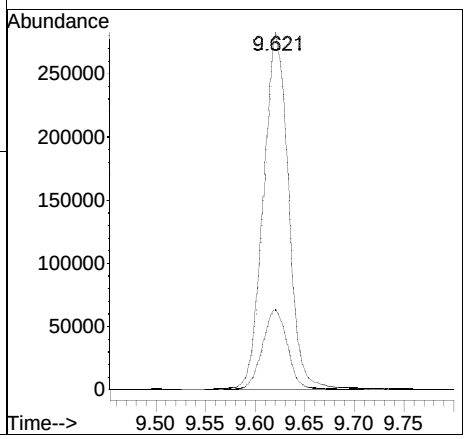




#43
Benzo[g,h,i]perylene
Concen: 1817.84 ng/ml
RT: 9.621 min Scan# 4301
Delta R.T. -0.015 min
Lab File: 192861-3.D
Acq: 03 Apr 2026 11:13 am

Tgt Ion:276 Resp: 486161

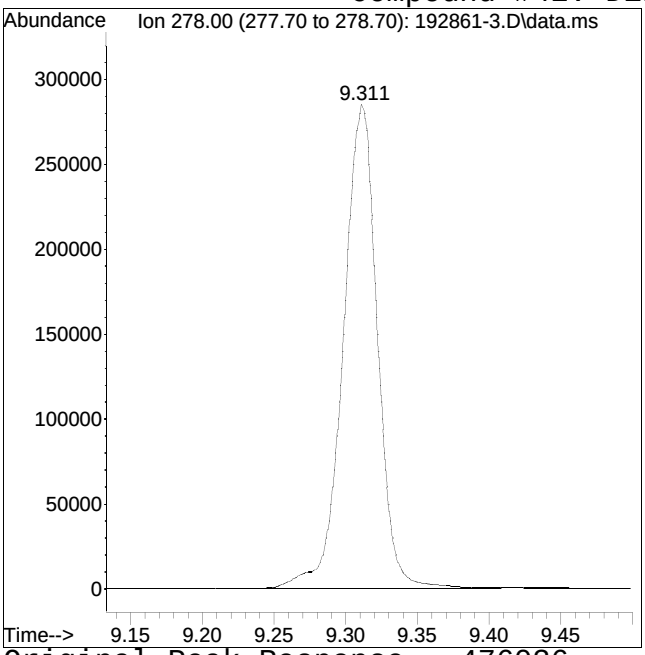
Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.6	31.0



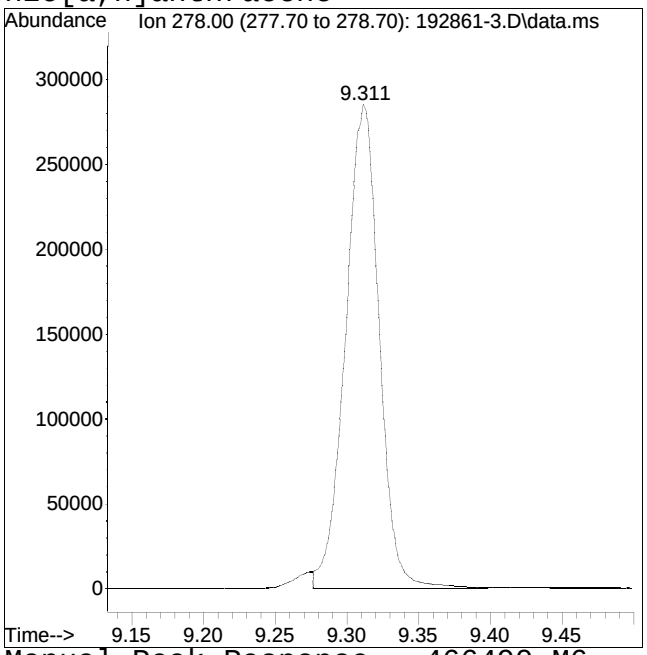
Manual Integration Report

Data Path : I:\8270SIM\SV118\260403RVTQMethod : SIM-RVT_251213sv118.M
Data File : 192861-3.D Operator : sv118:slr
Date Inj'd : 4/3/2026 11:13 am Instrument : SV118
Sample : WG2192861-3,32,,rp Quant Date : 4/3/2026 11:27 am

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 476036



Manual Peak Response = 466490 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 192861-4.D
Acq On : 03 Apr 2026 02:35 pm
Operator : SV125:slr
Sample : WG2192861-4,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 09 10:11:37 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.515	152	186382	4000.000	ng/ml	0.00
Standard Area 1 = 169063			Recovery	= 110.24%		
9) Naphthalene-d8	3.180	136	753422	4000.000	ng/ml	0.00
Standard Area 1 = 637005			Recovery	= 118.28%		
18) Acenaphthene-d10	4.160	164	475679	4000.000	ng/ml	0.00
Standard Area 1 = 379032			Recovery	= 125.50%		
23) Phenanthrene-d10	5.007	188	949507	4000.000	ng/ml	0.00
Standard Area 1 = 826093			Recovery	= 114.94%		
32) Chrysene-d12	6.599	240	627690	4000.000	ng/ml	-0.01
Standard Area 1 = 678891			Recovery	= 92.46%		
37) Perylene-d12	7.877	264	586221	4000.000	ng/ml	0.00
Standard Area 1 = 785196			Recovery	= 74.66%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.925	112	60599	1207.838	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 60.39%		
4) Phenol-d6	2.335	99	54254	876.712	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 43.84%		
8) Nitrobenzene-d5	2.796	82	42657	776.102	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 77.61%		
14) 2-Fluorobiphenyl	3.781	172	138538	849.480	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 84.95%		
22) 2,4,6-Tribromophenol	4.610	330	48324	1843.705	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 92.19%		
31) 4-Terphenyl-d14	5.935	244	134400	661.016	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 66.10%		
Target Compounds						Qvalue
7) Hexachloroethane	2.775	117	32244	1422.306	ng/ml	96
10) Naphthalene	3.191	128	259247	1300.003	ng/ml	100
11) Hexachlorobutadiene	3.263	225	48215	1182.823	ng/ml	100
12) 2-Methylnaphthalene	3.573	142	176627	1425.026	ng/ml	99
15) 2-Chloronaphthalene	3.844	162	225813	1604.732	ng/ml	94
17) Acenaphthylene	4.079	152	368577	1657.176	ng/ml	98
19) Acenaphthene	4.179	153	229118	1427.327	ng/ml	96
21) Fluorene	4.469	166	268852	1438.221	ng/ml	100
25) Hexachlorobenzene	4.791	284	94313	1513.464	ng/ml	93
26) Pentachlorophenol	4.906	266	68140	2048.717	ng/ml	100

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 192861-4.D
Acq On : 03 Apr 2026 02:35 pm
Operator : SV125:slr
Sample : WG2192861-4,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 09 10:11:37 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	5.018	178	408500	1505.581	ng/ml	100
28) Anthracene	5.048	178	409856	1507.954	ng/ml	100
29) Fluoranthene	5.708	202	416710	1305.570	ng/ml	97
30) Pyrene	5.841	202	425010	1288.432	ng/ml	100
33) Benzo[a]anthracene	6.590	226	102784	1579.570	ng/ml	99
35) Chrysene	6.615	228	342799	1633.248	ng/ml	100
38) Benzo[b]fluoranthene	7.481	252	323226	1684.818	ng/ml	97
39) Benzo[k]fluoranthene	7.508	252	310788	1614.987	ng/ml	96
40) Benzo[a]pyrene	7.811	252	286579	1681.255	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.161	276	280857	2027.628	ng/ml	93
42) Dibenzo[a,h]anthracene	9.199	278	263100M6	1923.955	ng/ml	
43) Benzo[g,h,i]perylene	9.519	276	282463	1909.014	ng/ml	94

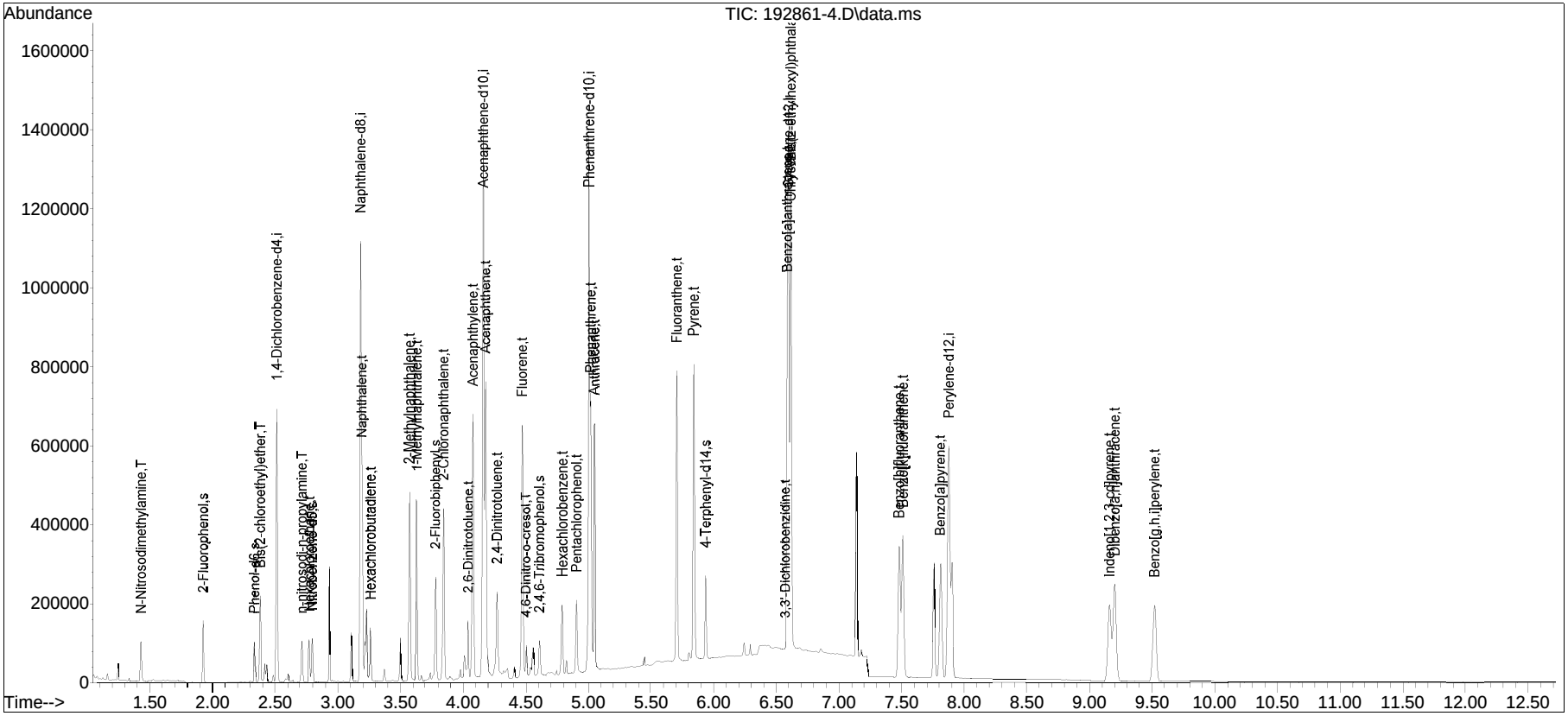
(#) = qualifier out of range (m) = manual integration (+) = signals summed

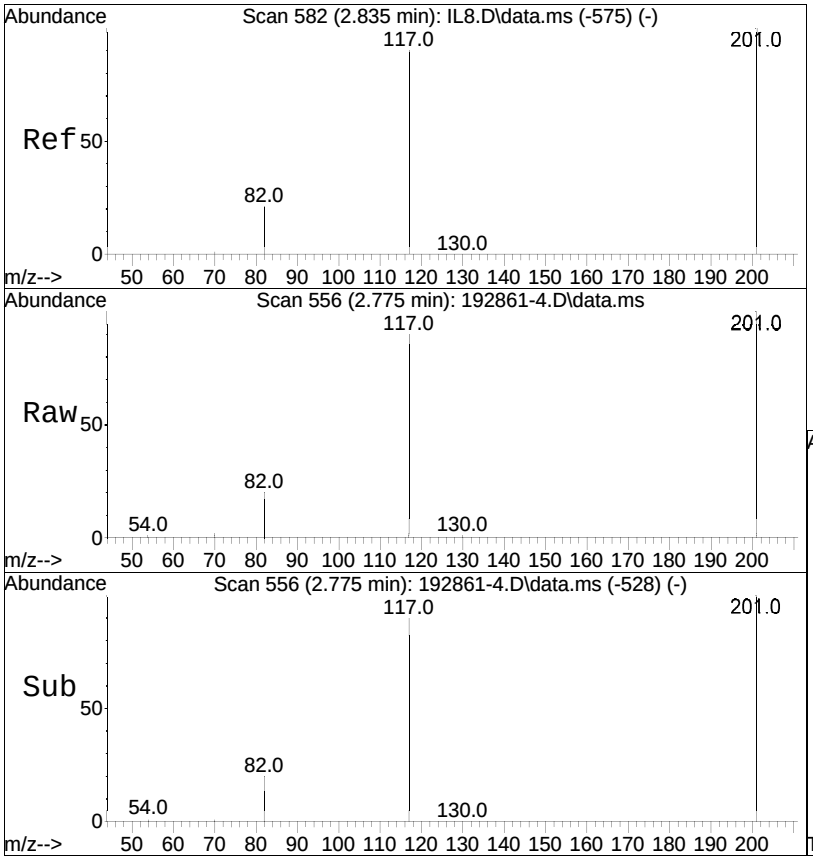
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 192861-4.D
Acq On : 03 Apr 2026 02:35 pm
Operator : SV125:slr
Sample : WG2192861-4,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 09 10:11:37 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•

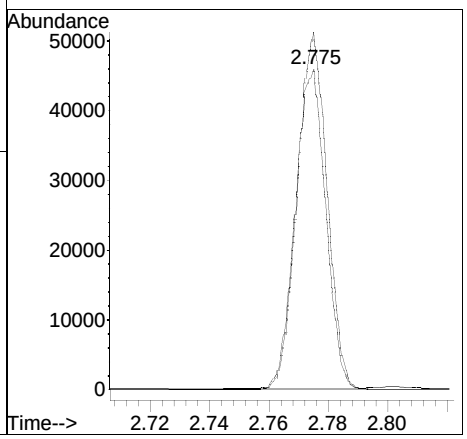


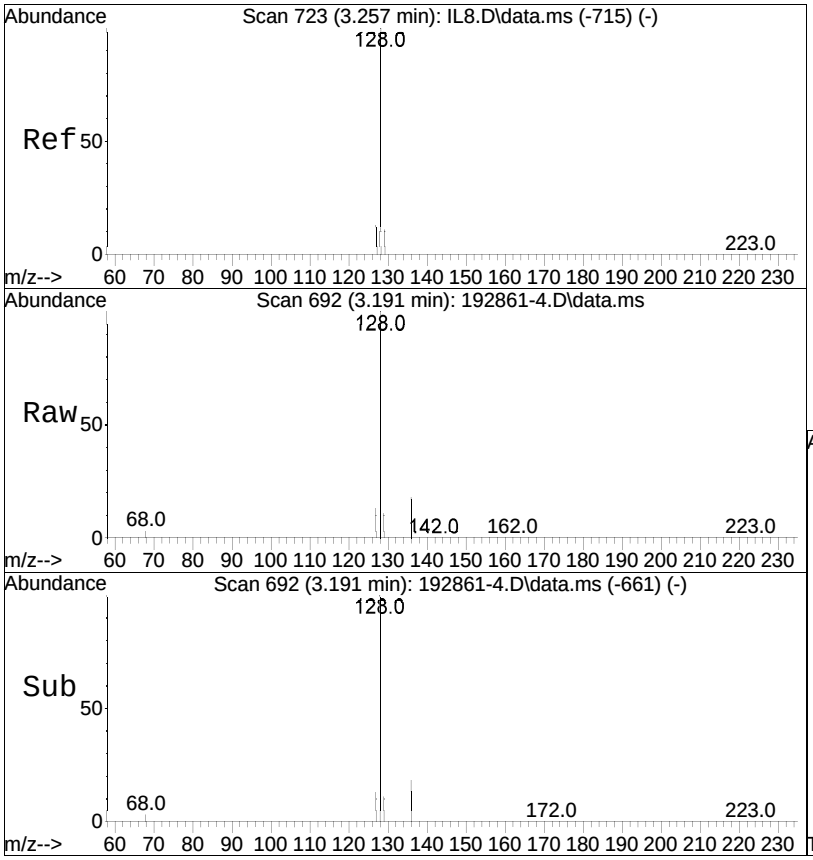


#7
Hexachloroethane
Concen: 1422.31 ng/ml
RT: 2.775 min Scan# 556
Delta R.T. 0.007 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:117 Resp: 32244

Ion	Ratio	Lower	Upper
117	100		
201	109.3	91.0	136.4

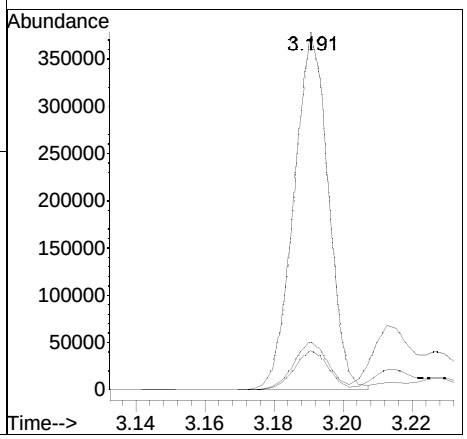


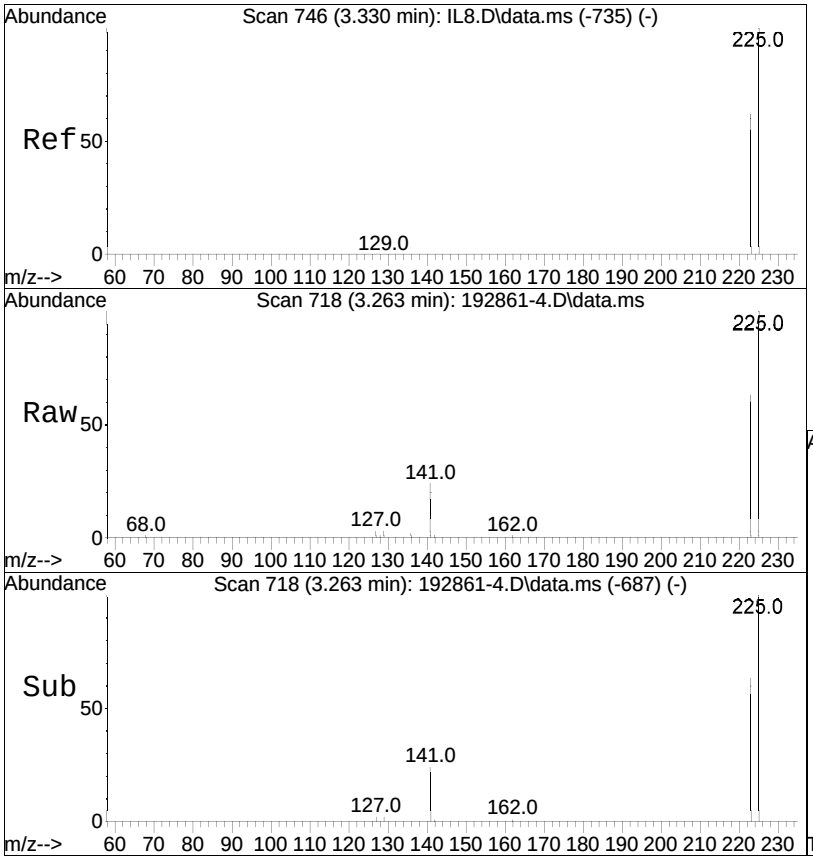


#10
Naphthalene
Concen: 1300.00 ng/ml
RT: 3.191 min Scan# 692
Delta R.T. 0.006 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:128 Resp: 259247

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.7	10.7	16.1

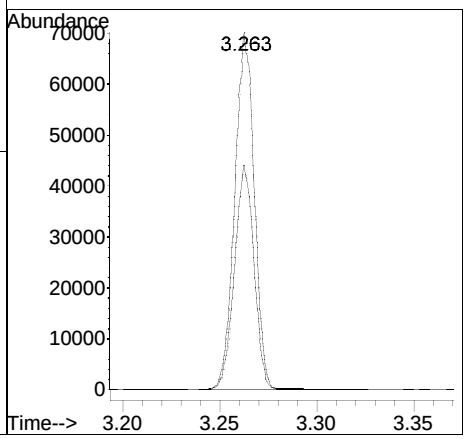


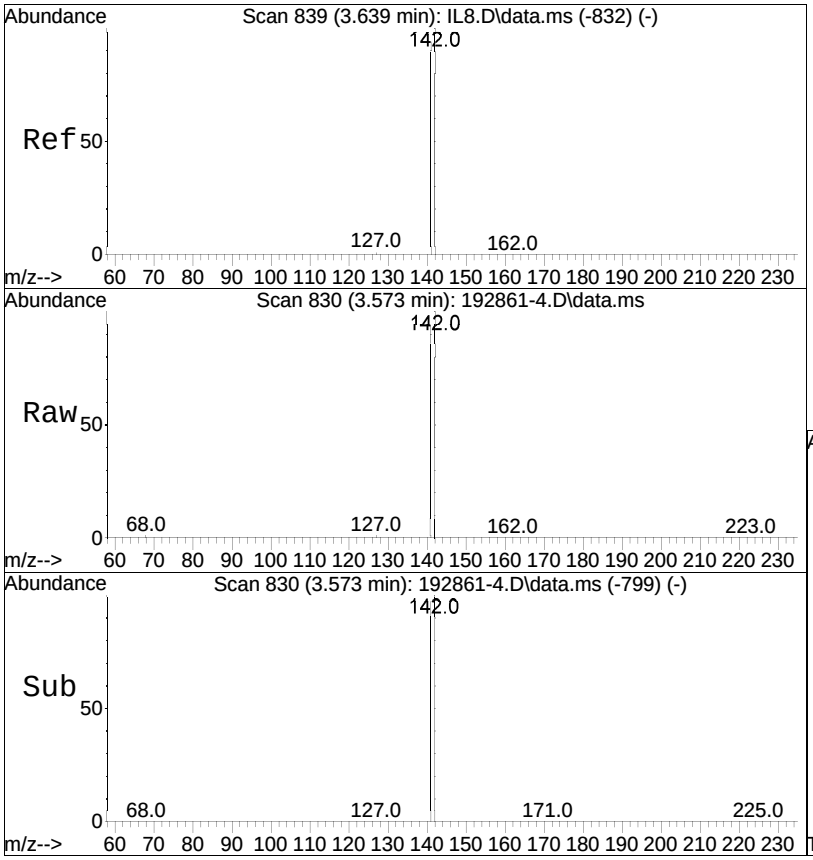


#11
Hexachlorobutadiene
Concen: 1182.82 ng/ml
RT: 3.263 min Scan# 718
Delta R.T. 0.006 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:225 Resp: 48215

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0

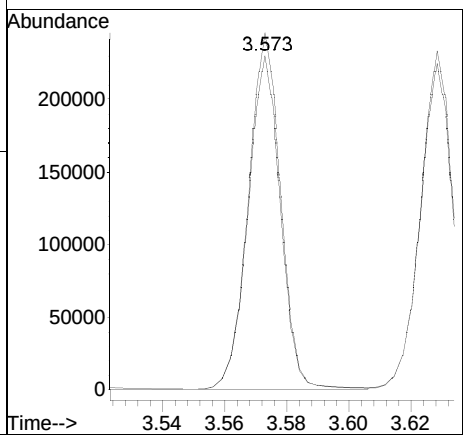


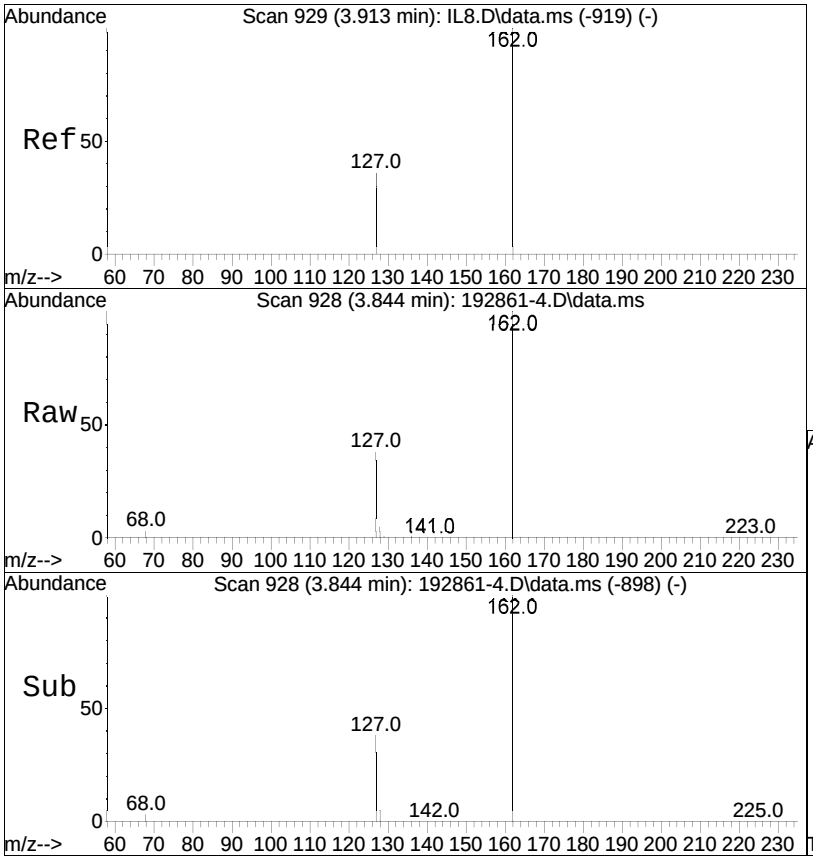


#12
2-Methylnaphthalene
Concen: 1425.03 ng/ml
RT: 3.573 min Scan# 830
Delta R.T. 0.006 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:142 Resp: 176627

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.4	111.6

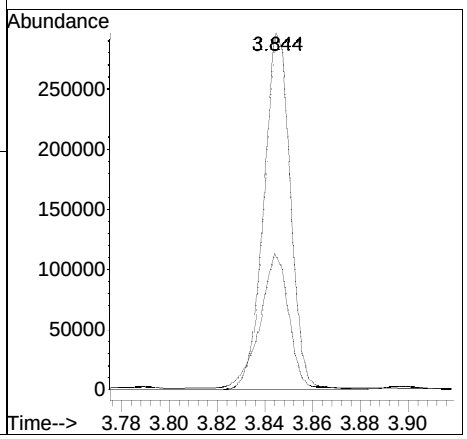


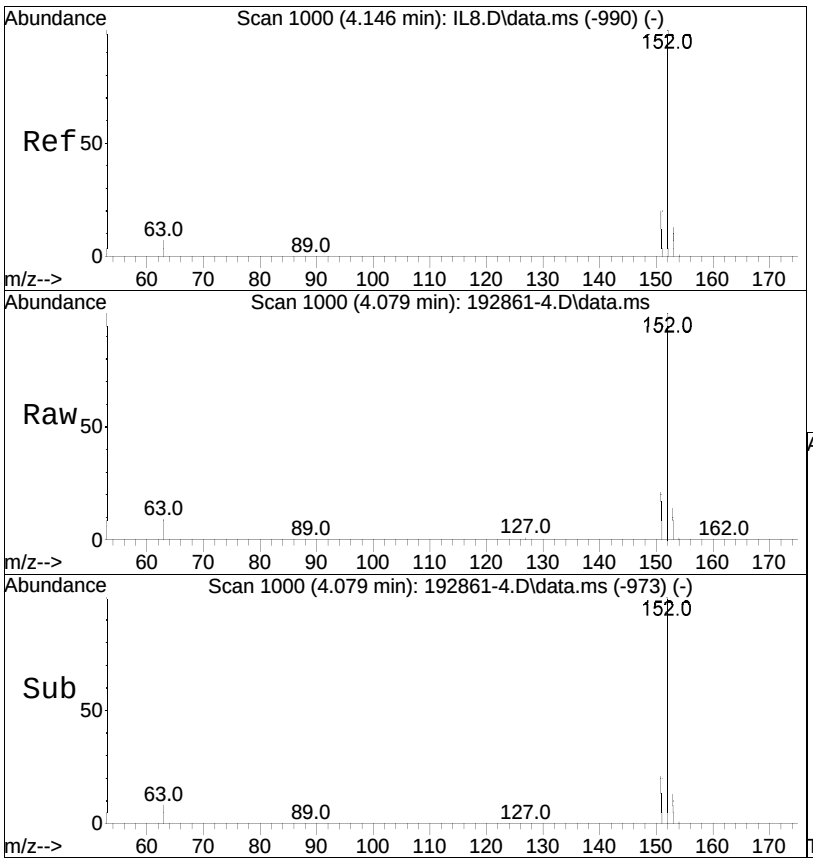


#15
2-Chloronaphthalene
Concen: 1604.73 ng/ml
RT: 3.844 min Scan# 928
Delta R.T. 0.003 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:162 Resp: 225813

Ion	Ratio	Lower	Upper
162	100		
127	40.7	29.8	44.6

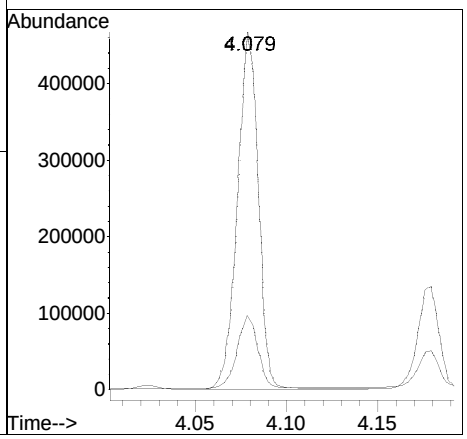


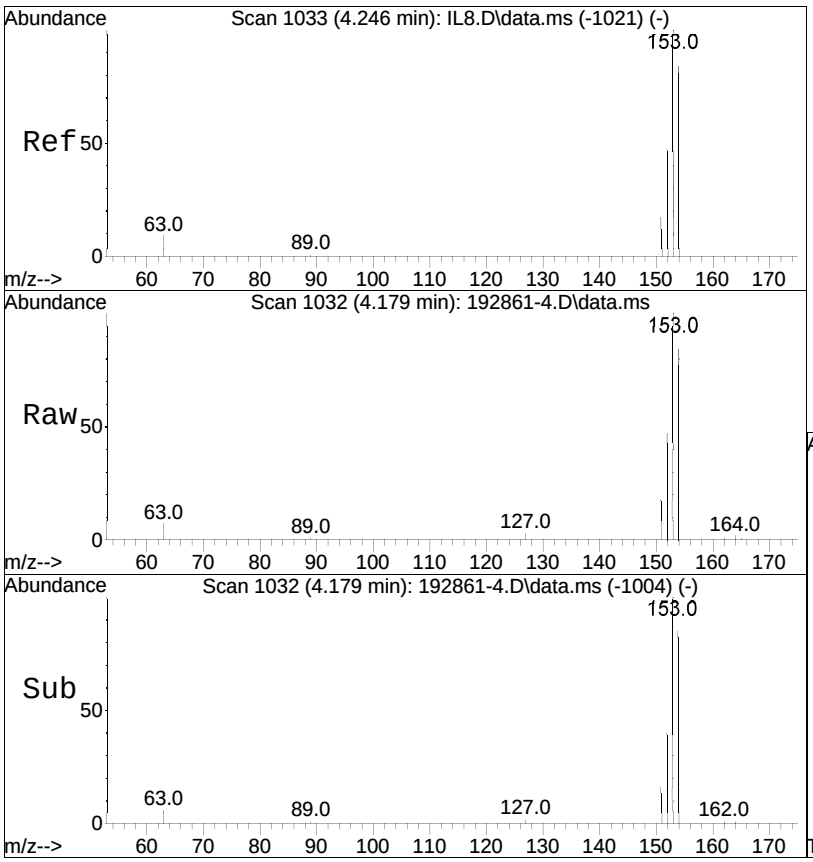


#17
Acenaphthylene
Concen: 1657.18 ng/ml
RT: 4.079 min Scan# 1000
Delta R.T. 0.004 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:152 Resp: 368577

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.0	24.0

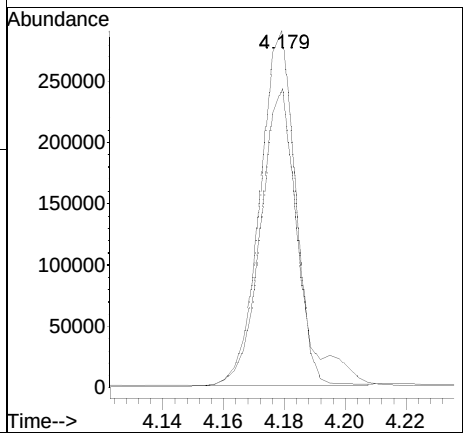


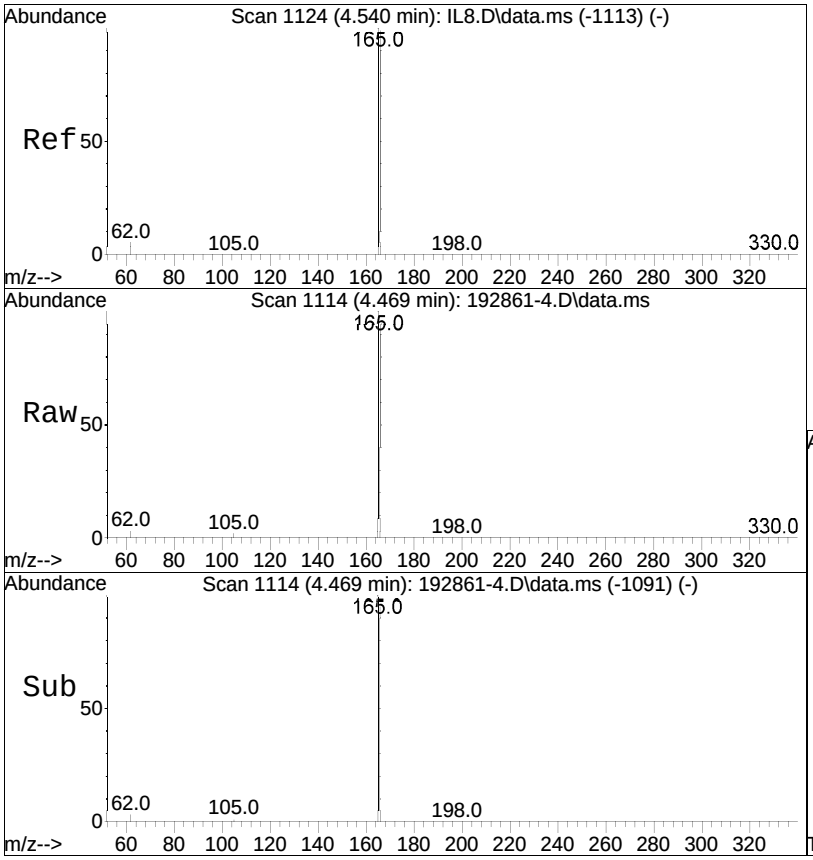


#19
Acenaphthene
Concen: 1427.33 ng/ml
RT: 4.179 min Scan# 1032
Delta R.T. 0.007 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:153 Resp: 229118

Ion	Ratio	Lower	Upper
153	100		
154	93.7	71.8	107.6

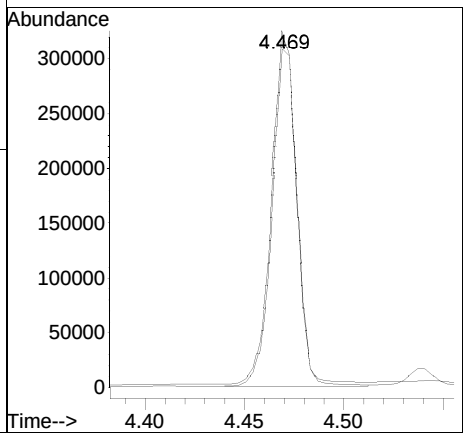


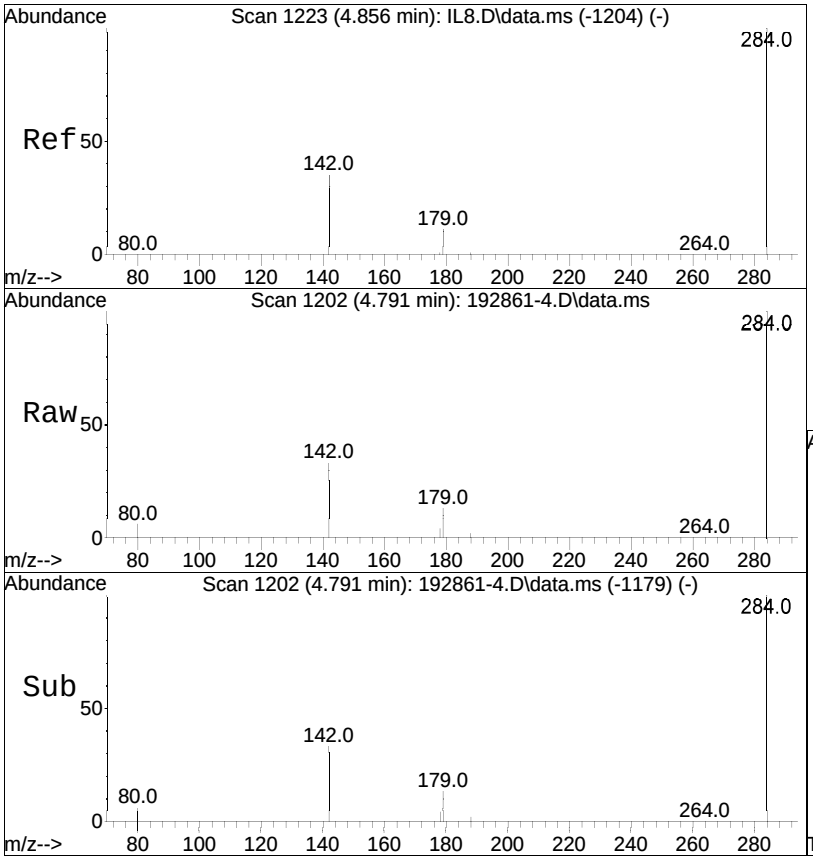


#21
Fluorene
Concen: 1438.22 ng/ml
RT: 4.469 min Scan# 1114
Delta R.T. 0.004 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:166 Resp: 268852

Ion	Ratio	Lower	Upper
166	100		
165	103.1	82.9	124.3

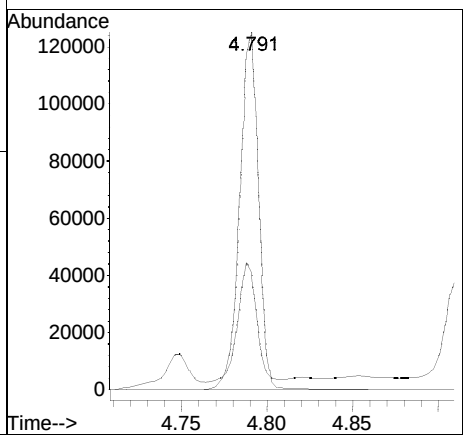


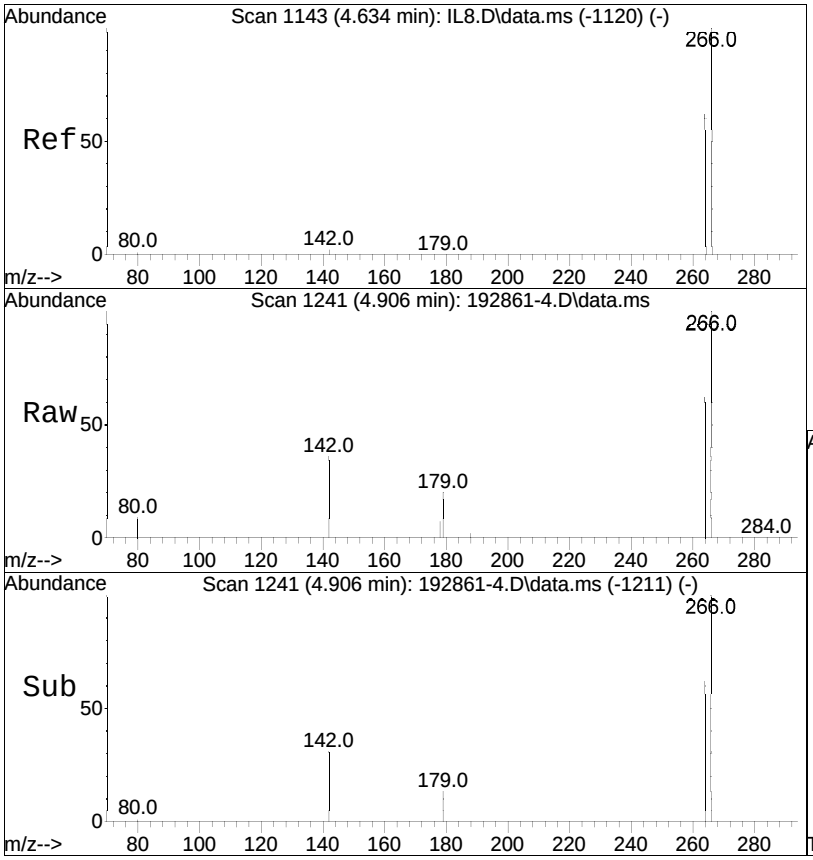


#25
Hexachlorobenzene
Concen: 1513.46 ng/ml
RT: 4.791 min Scan# 1202
Delta R.T. 0.006 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:284 Resp: 94313

Ion	Ratio	Lower	Upper
284	100		
142	33.6	23.9	35.9

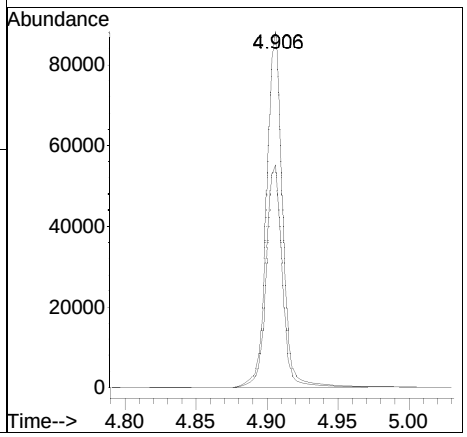


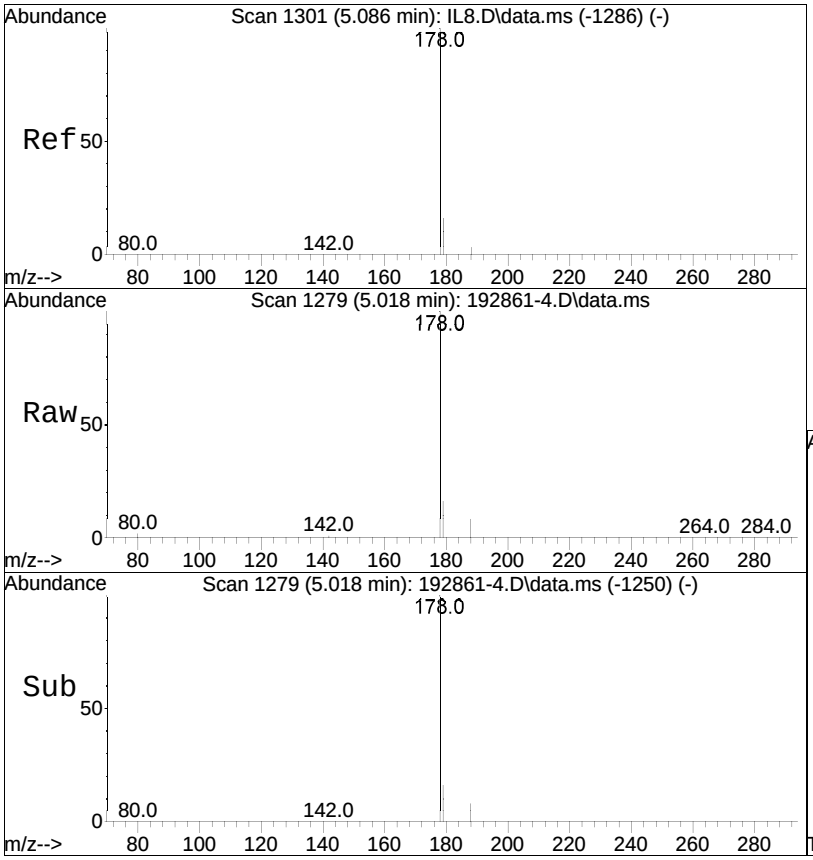


#26
Pentachlorophenol
Concen: 2048.72 ng/ml
RT: 4.906 min Scan# 1241
Delta R.T. 0.009 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:266 Resp: 68140

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	76.0

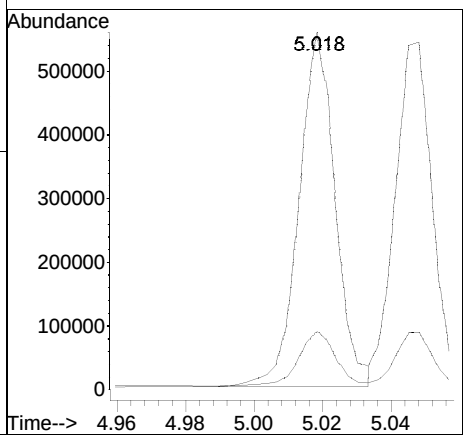


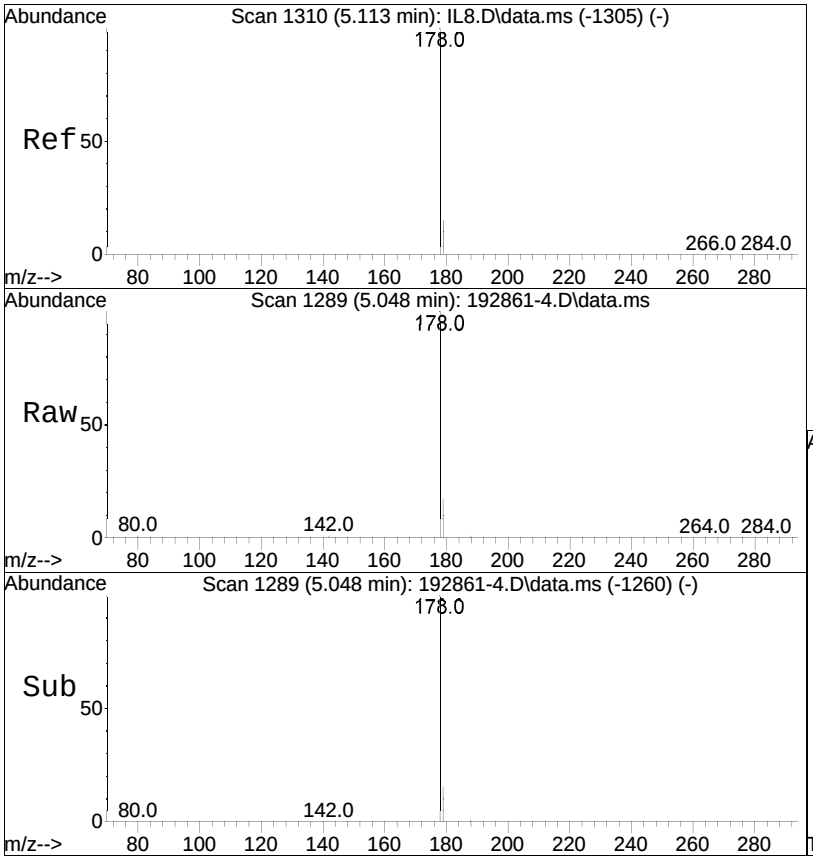


#27
Phenanthrene
Concen: 1505.58 ng/ml
RT: 5.018 min Scan# 1279
Delta R.T. 0.006 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:178 Resp: 408500

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7

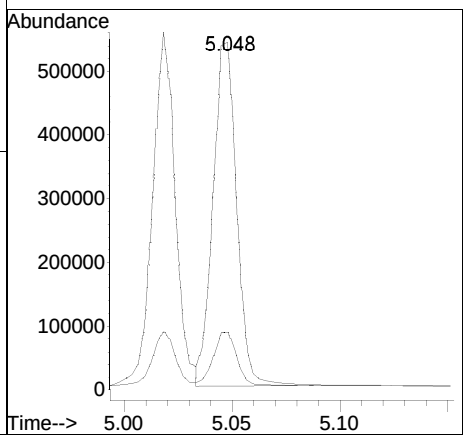


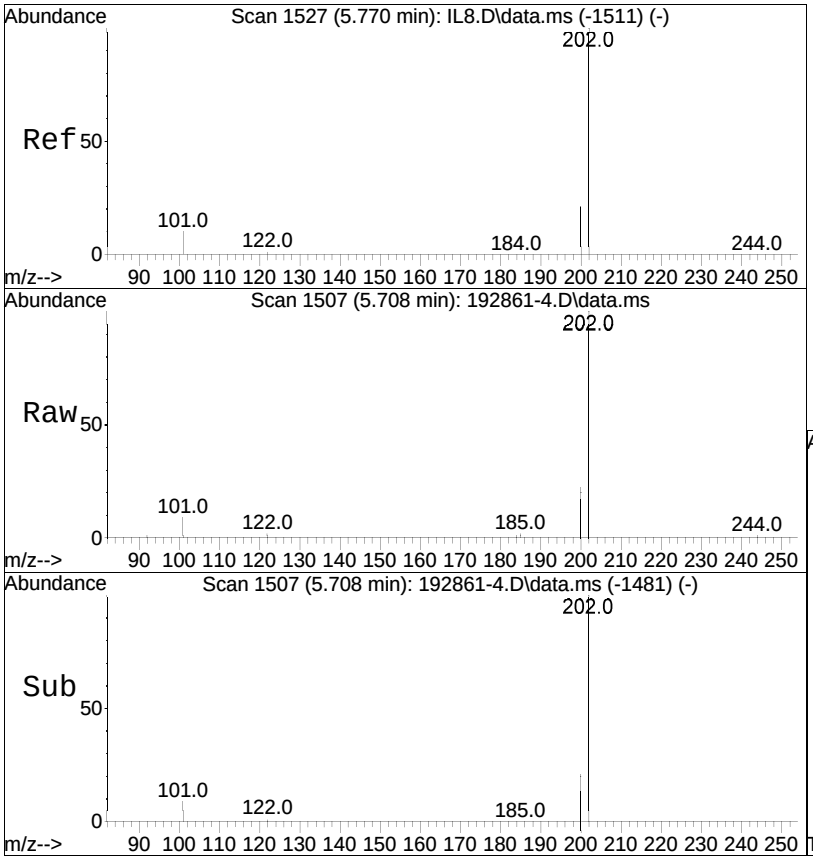


#28
Anthracene
Concen: 1507.95 ng/ml
RT: 5.048 min Scan# 1289
Delta R.T. 0.006 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:178 Resp: 409856

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5

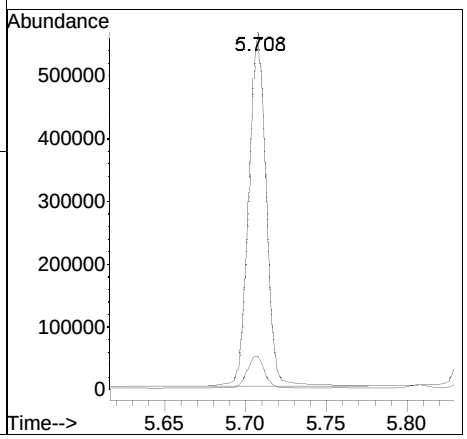


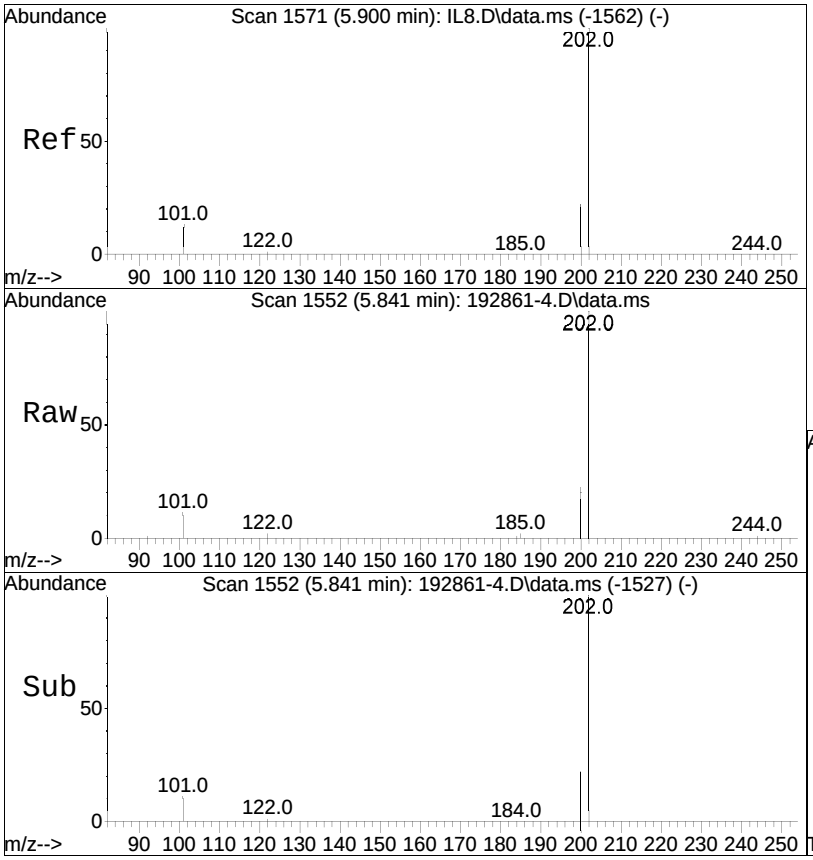


#29
Fluoranthene
Concen: 1305.57 ng/ml
RT: 5.708 min Scan# 1507
Delta R.T. -0.003 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:202 Resp: 416710

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.3	12.5

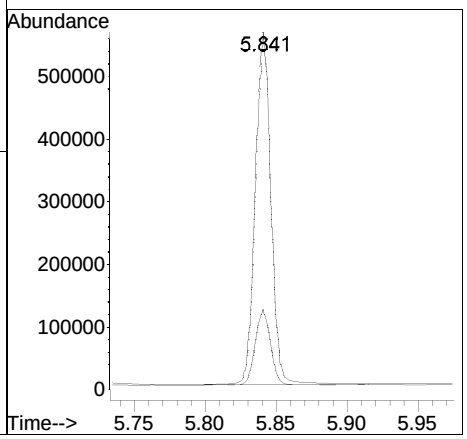


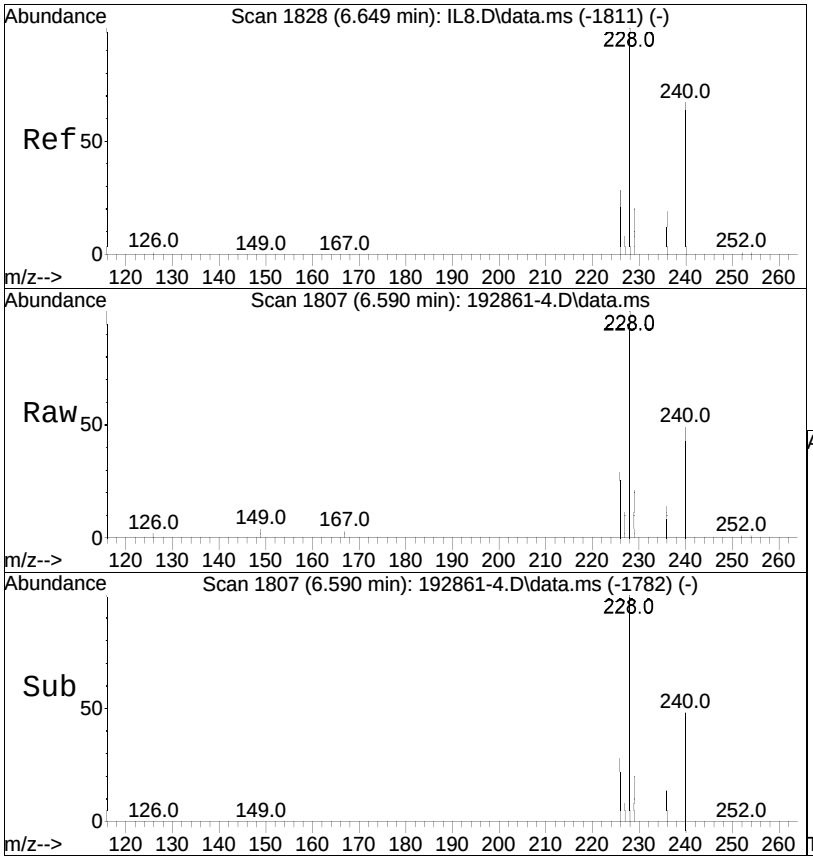


#30
Pyrene
Concen: 1288.43 ng/ml
RT: 5.841 min Scan# 1552
Delta R.T. -0.006 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:202 Resp: 425010

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6

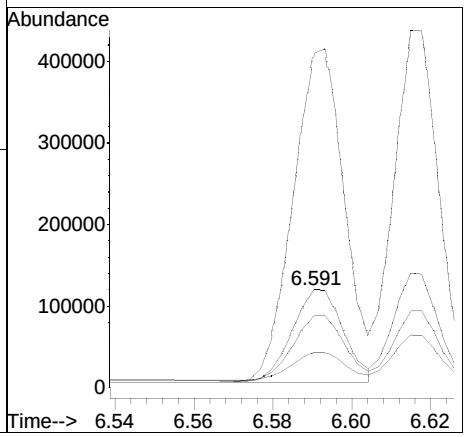


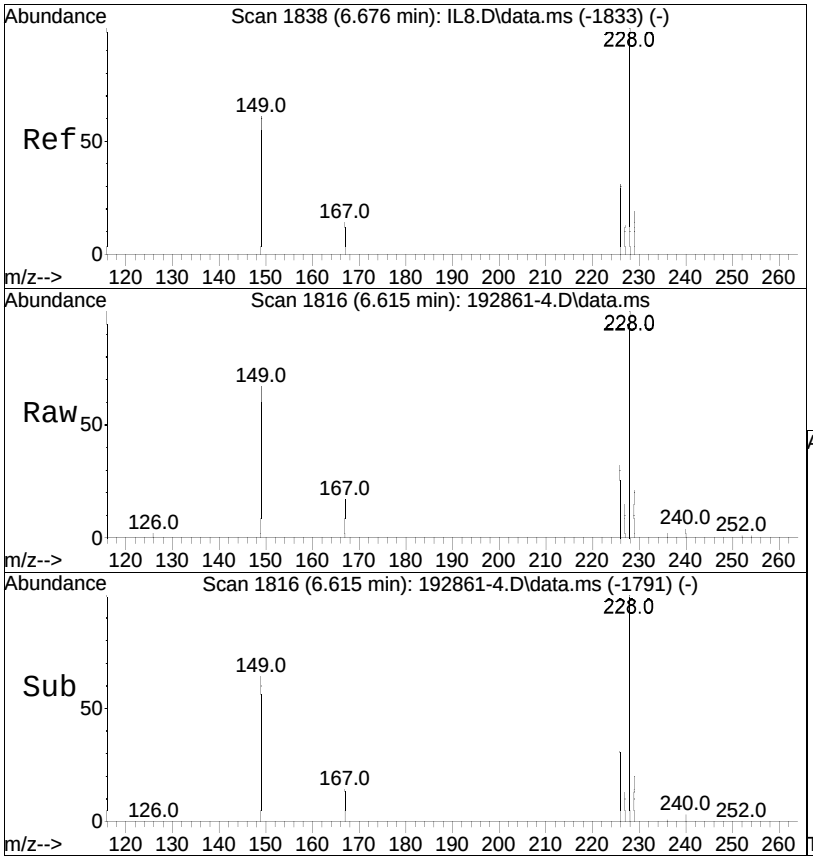


#33
Benzo[a]anthracene
Concen: 1579.57 ng/ml
RT: 6.590 min Scan# 1807
Delta R.T. -0.013 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:226 Resp: 102784

Ion	Ratio	Lower	Upper
226	100		
227	30.0	23.5	35.3
228	356.7	283.8	425.8
229	70.1	55.5	83.3

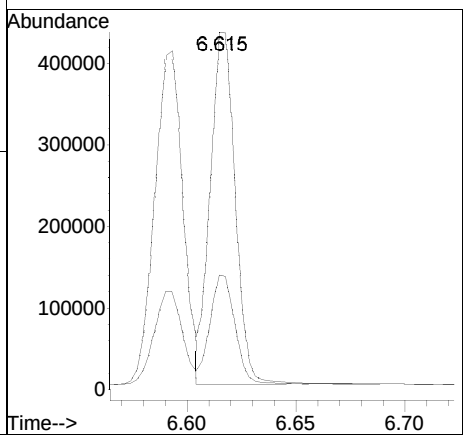


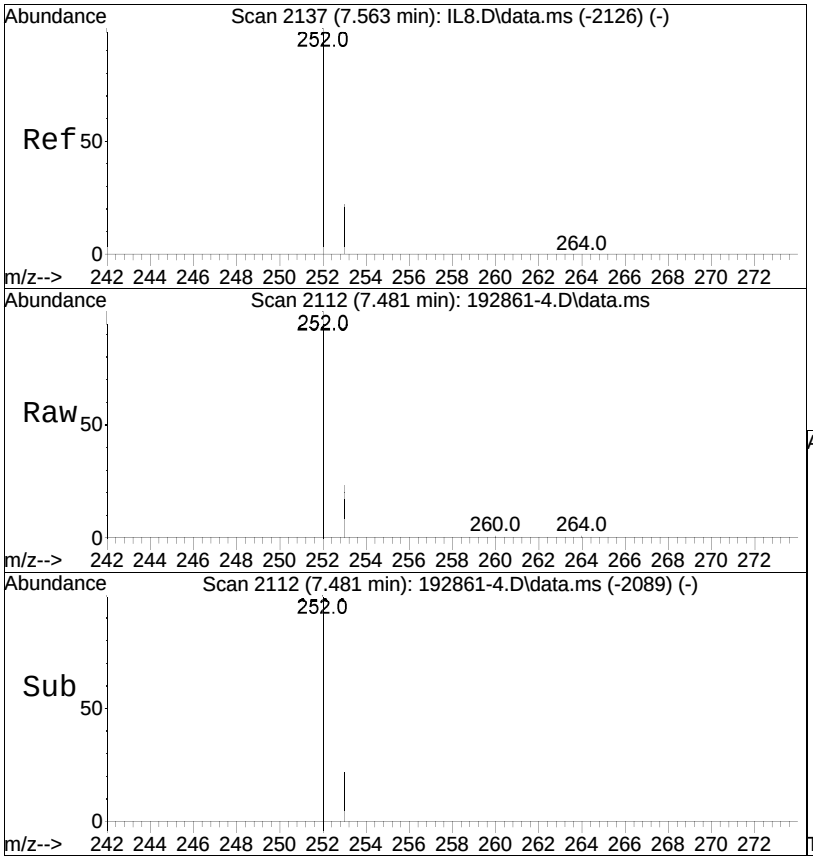


#35
Chrysene
Concen: 1633.25 ng/ml
RT: 6.615 min Scan# 1816
Delta R.T. -0.013 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:228 Resp: 342799

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1

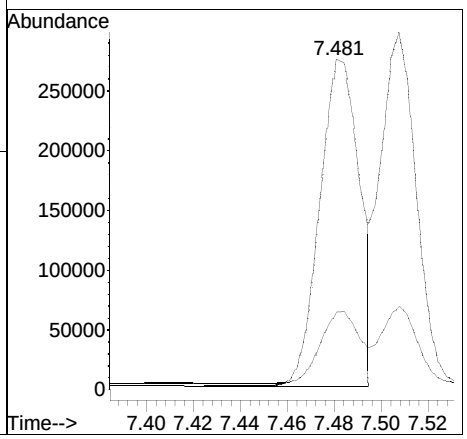


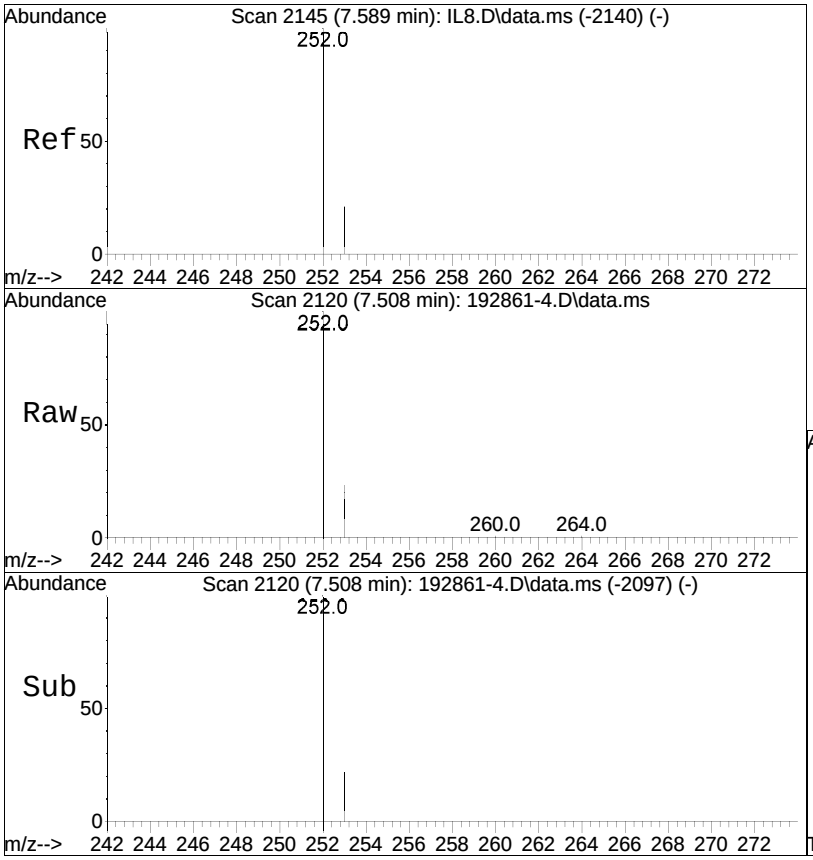


#38
Benzo[b]fluoranthene
Concen: 1684.82 ng/ml
RT: 7.481 min Scan# 2112
Delta R.T. -0.003 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:252 Resp: 323226

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7

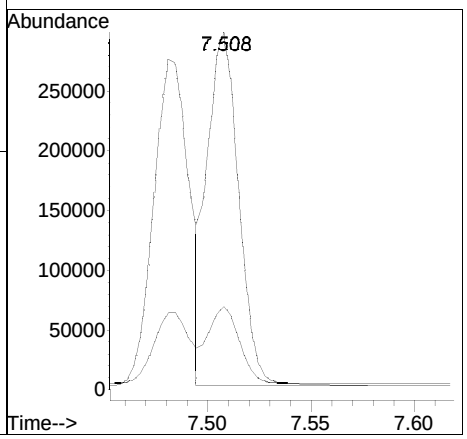


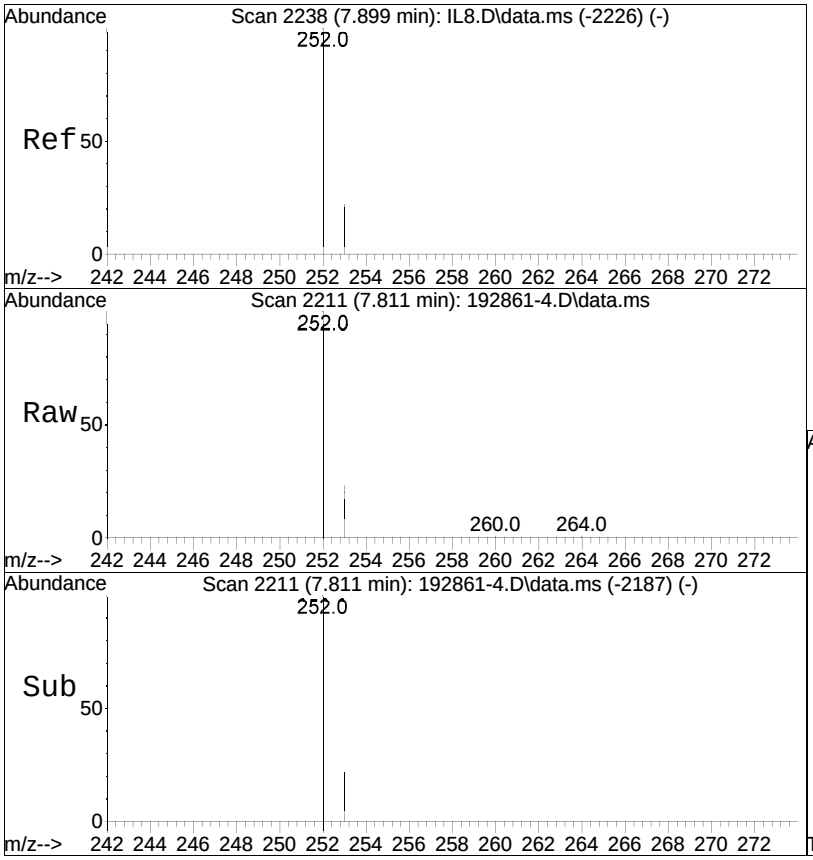


#39
Benzo[k]fluoranthene
Concen: 1614.99 ng/ml
RT: 7.508 min Scan# 2120
Delta R.T. -0.003 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:252 Resp: 310788

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.2	24.4

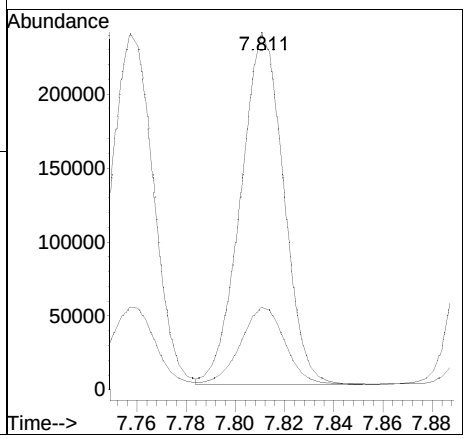


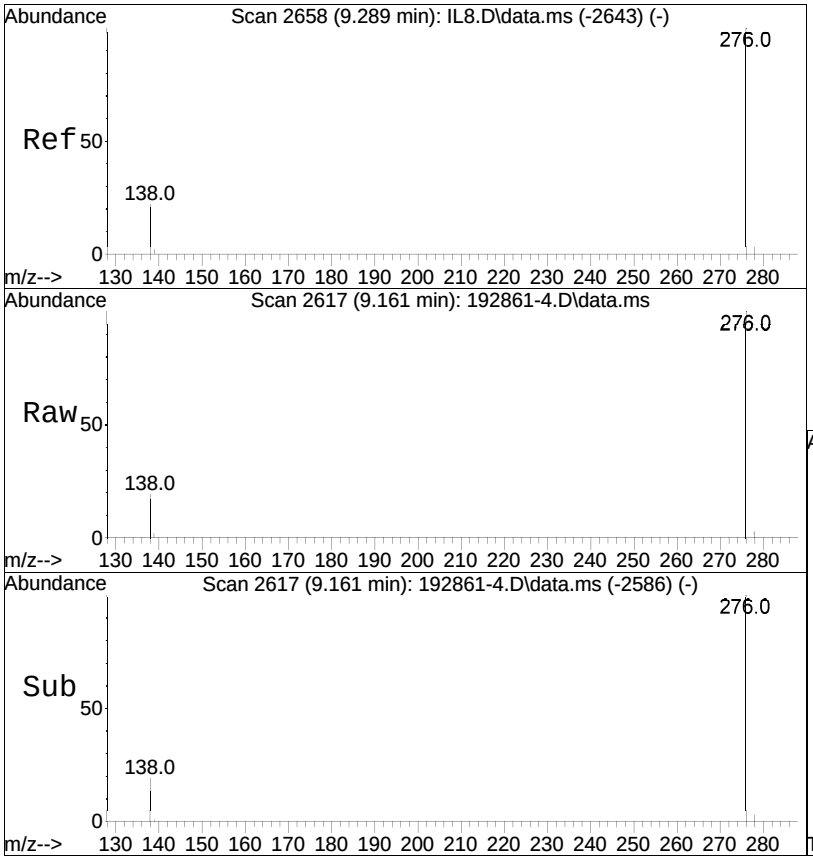


#40
Benzo[a]pyrene
Concen: 1681.25 ng/ml
RT: 7.811 min Scan# 2211
Delta R.T. 0.000 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:252 Resp: 286579

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9

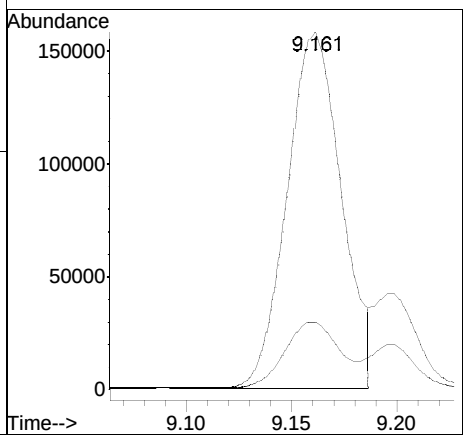


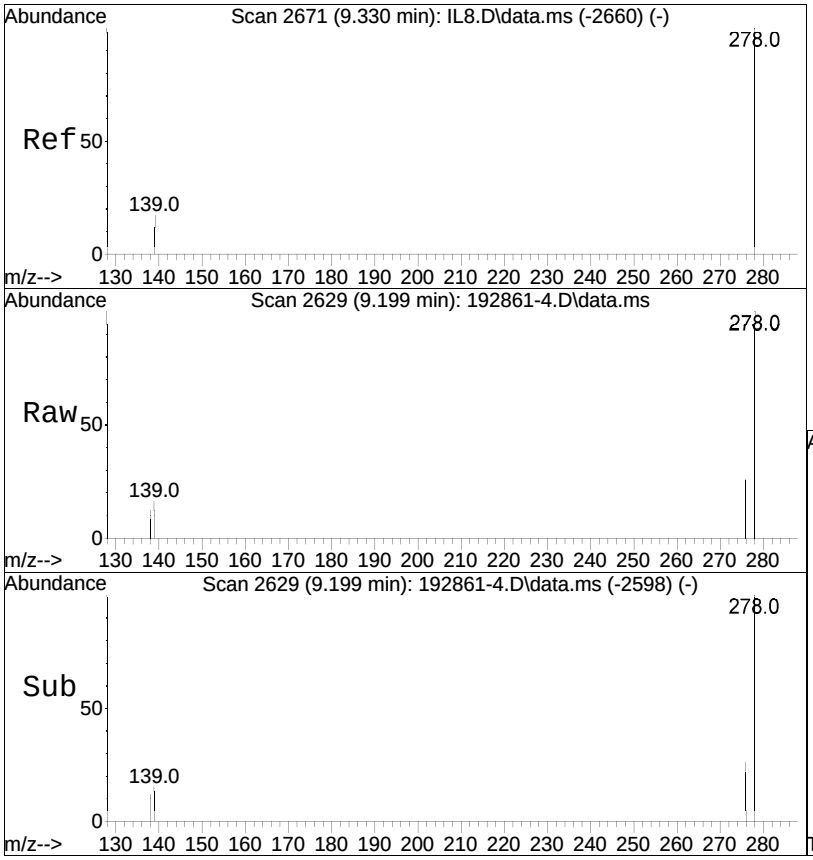


#41
Indeno[1,2,3-cd]pyrene
Concen: 2027.63 ng/ml
RT: 9.161 min Scan# 2617
Delta R.T. 0.016 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:276 Resp: 280857

Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.5	26.3

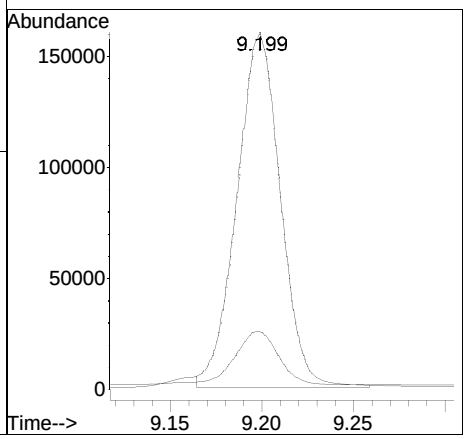


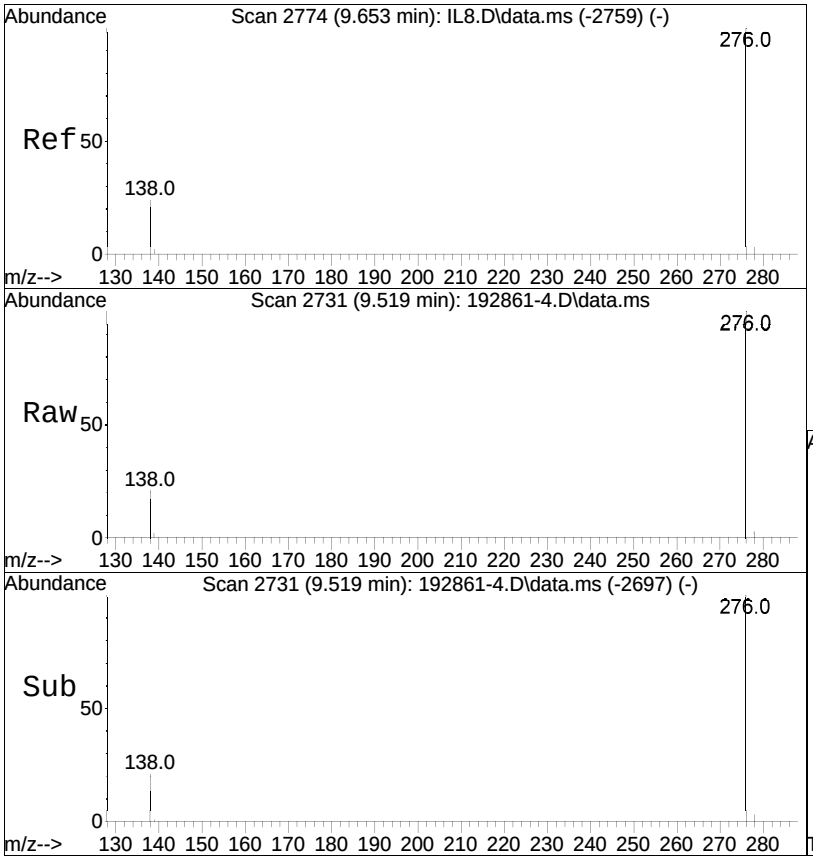


#42
Dibenzo[a,h]anthracene
Concen: 1923.96 ng/ml M6
RT: 9.199 min Scan# 2629
Delta R.T. 0.016 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:278 Resp: 263100

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.1	21.1

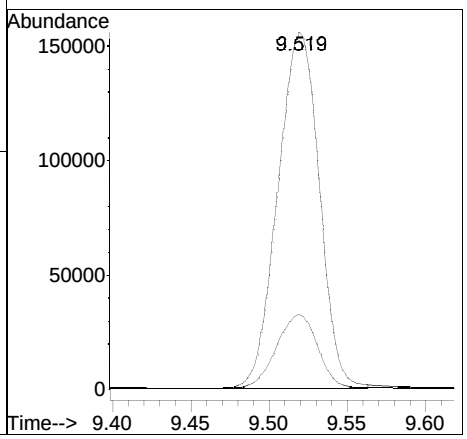




#43
Benzo[g,h,i]perylene
Concen: 1909.01 ng/ml
RT: 9.519 min Scan# 2731
Delta R.T. 0.025 min
Lab File: 192861-4.D
Acq: 03 Apr 2026 02:35 pm

Tgt Ion:276 Resp: 282463

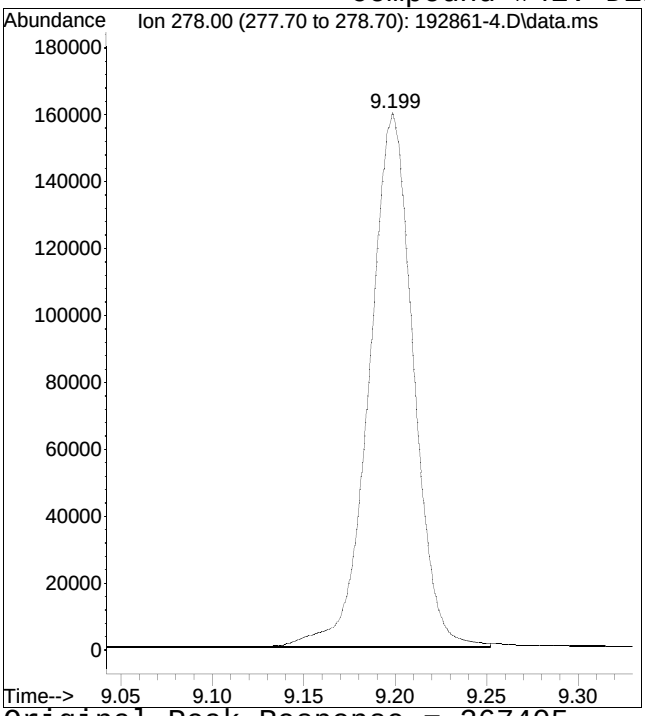
Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.0	28.6



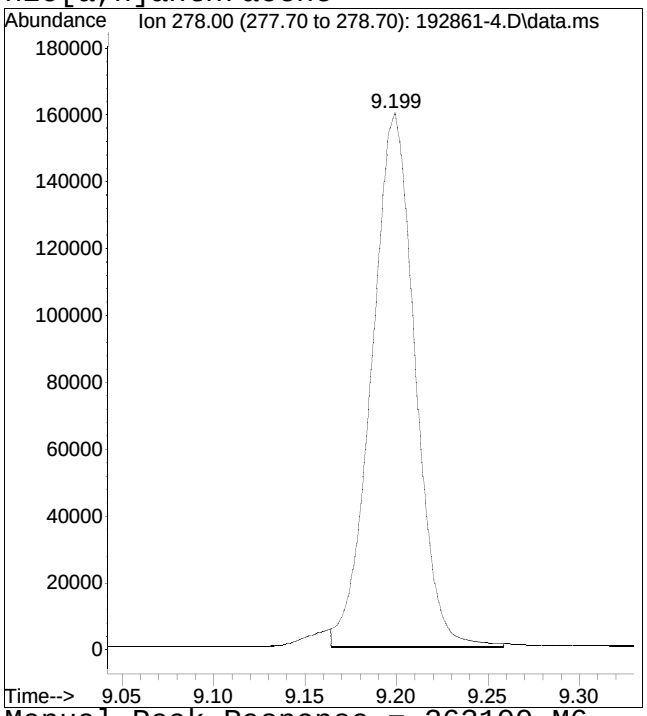
Manual Integration Report

Data Path : I:\8270SIM\SV125\260403RVTQMethod : SIM-RVT_251120_sv125.M
Data File : 192861-4.D Operator : SV125:slr
Date Inj'd : 4/3/2026 2:35 pm Instrument : SV125
Sample : WG2192861-4,32,,rp Quant Date : 4/3/2026 2:52 pm

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 267405



Manual Peak Response = 263100 M6

M6 = Misassignment of peak valley

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 192861-5.D
Acq On : 03 Apr 2026 02:52 pm
Operator : SV125:slr
Sample : WG2192861-5,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 09 10:13:15 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.514	152	182214	4000.000	ng/ml	0.00
Standard Area 1 = 169063			Recovery	= 107.78%		
9) Naphthalene-d8	3.179	136	733113	4000.000	ng/ml	0.00
Standard Area 1 = 637005			Recovery	= 115.09%		
18) Acenaphthene-d10	4.160	164	407397	4000.000	ng/ml	0.00
Standard Area 1 = 379032			Recovery	= 107.48%		
23) Phenanthrene-d10	5.006	188	790772	4000.000	ng/ml	0.00
Standard Area 1 = 826093			Recovery	= 95.72%		
32) Chrysene-d12	6.601	240	586426	4000.000	ng/ml	-0.01
Standard Area 1 = 678891			Recovery	= 86.38%		
37) Perylene-d12	7.880	264	548076	4000.000	ng/ml	0.00
Standard Area 1 = 785196			Recovery	= 69.80%		
System Monitoring Compounds						
3) 2-Fluorophenol	1.928	112	59632	1215.751	ng/ml	0.01
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 60.79%		
4) Phenol-d6	2.334	99	56125	927.692	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 46.38%		
8) Nitrobenzene-d5	2.796	82	45892	854.058	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 85.41%		
14) 2-Fluorobiphenyl	3.780	172	136342	859.174	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 85.92%		
22) 2,4,6-Tribromophenol	4.609	330	45486	2026.295	ng/ml	0.00
Spiked Amount 2000.000	Range 15 - 110		Recovery	= 101.31%		
31) 4-Terphenyl-d14	5.938	244	142552	841.847	ng/ml	0.00
Spiked Amount 1000.000	Range 30 - 130		Recovery	= 84.18%		
Target Compounds						Qvalue
7) Hexachloroethane	2.774	117	32634	1472.436	ng/ml	95
10) Naphthalene	3.190	128	274734	1415.828	ng/ml	100
11) Hexachlorobutadiene	3.262	225	51266	1292.511	ng/ml	100
12) 2-Methylnaphthalene	3.573	142	192276	1594.256	ng/ml	99
15) 2-Chloronaphthalene	3.844	162	217537	1588.744	ng/ml	92
17) Acenaphthylene	4.078	152	356244	1646.096	ng/ml	99
19) Acenaphthene	4.179	153	220689	1605.244	ng/ml	95
21) Fluorene	4.472	166	258353	1613.697	ng/ml	99
25) Hexachlorobenzene	4.791	284	90936	1752.198	ng/ml	91
26) Pentachlorophenol	4.906	266	64237	2289.427	ng/ml	100

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 192861-5.D
Acq On : 03 Apr 2026 02:52 pm
Operator : SV125:slr
Sample : WG2192861-5,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 09 10:13:15 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\260403RVT\ccv0403a.D
Sub List : DEFAULT - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Phenanthrene	5.018	178	379266	1678.428	ng/ml	100
28) Anthracene	5.048	178	383269	1693.197	ng/ml	100
29) Fluoranthene	5.708	202	438875	1651.027	ng/ml	97
30) Pyrene	5.844	202	442863	1612.051	ng/ml	100
33) Benzo[a]anthracene	6.593	226	107253	1764.458	ng/ml	99
35) Chrysene	6.620	228	356746	1819.298	ng/ml	100
38) Benzo[b]fluoranthene	7.484	252	343815	1916.867	ng/ml	97
39) Benzo[k]fluoranthene	7.511	252	320055	1778.893	ng/ml	96
40) Benzo[a]pyrene	7.814	252	299086	1876.747	ng/ml	100
41) Indeno[1,2,3-cd]pyrene	9.167	276	297607	2298.088	ng/ml	93
42) Dibenzo[a,h]anthracene	9.202	278	276318M6	2161.244	ng/ml	
43) Benzo[g,h,i]perylene	9.525	276	296290	2141.831	ng/ml	94

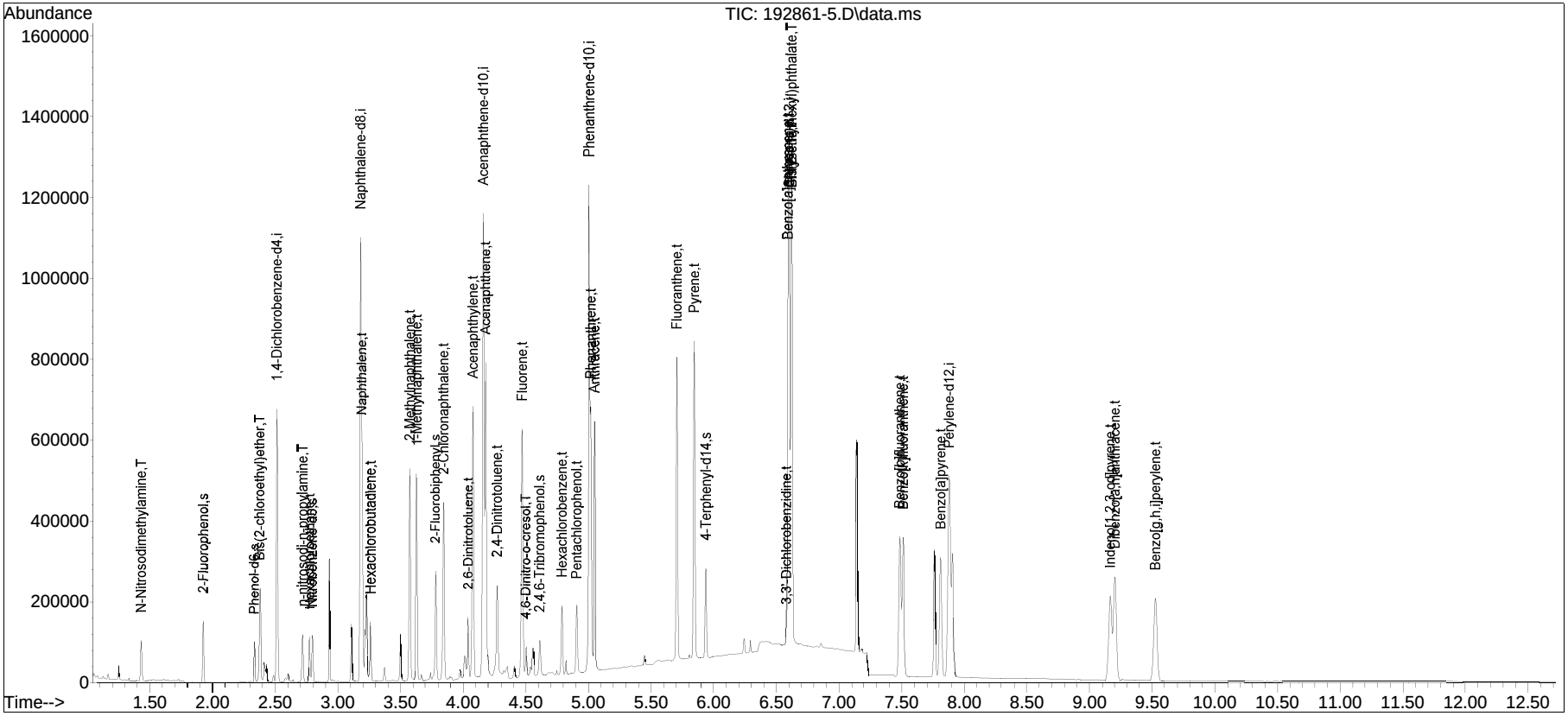
(#) = qualifier out of range (m) = manual integration (+) = signals summed

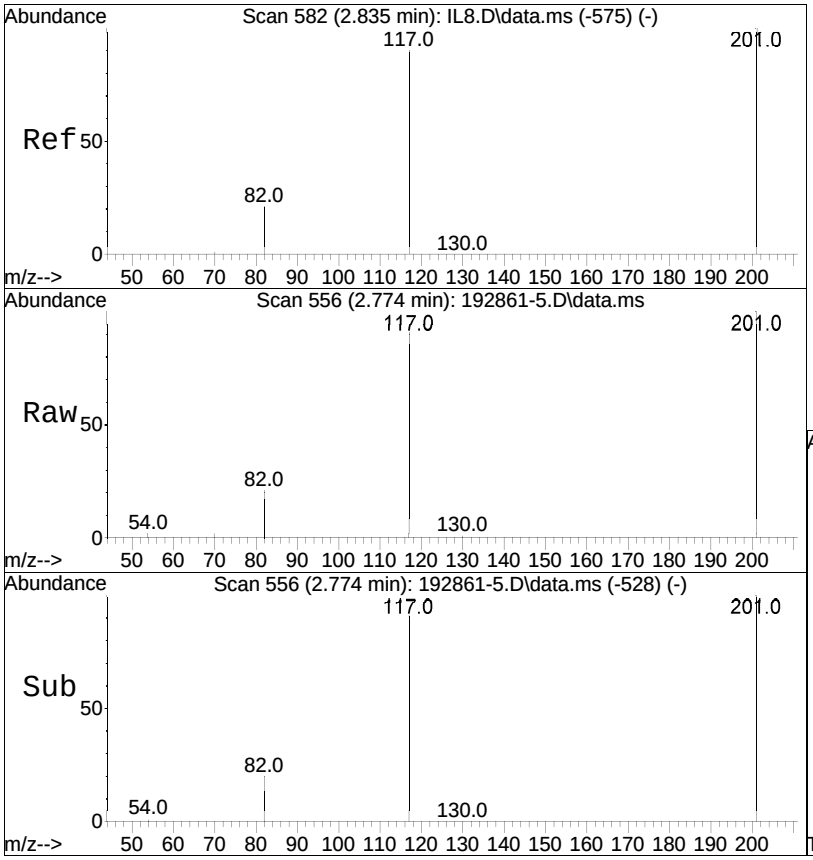
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\260403RVT\
Data File : 192861-5.D
Acq On : 03 Apr 2026 02:52 pm
Operator : SV125:slr
Sample : WG2192861-5,32,,rp
Misc : WG2193582,WG2192861,ical22846
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 09 10:13:15 2026
Quant Method : I:\8270sim\SV125\260403RVT\SIM-RVT_251120_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Apr 03 10:47:19 2026
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listed\ccv0403a.D•

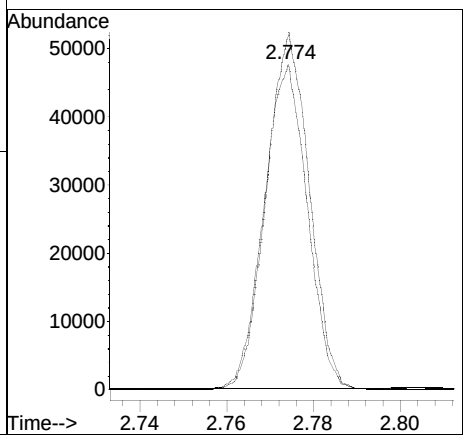


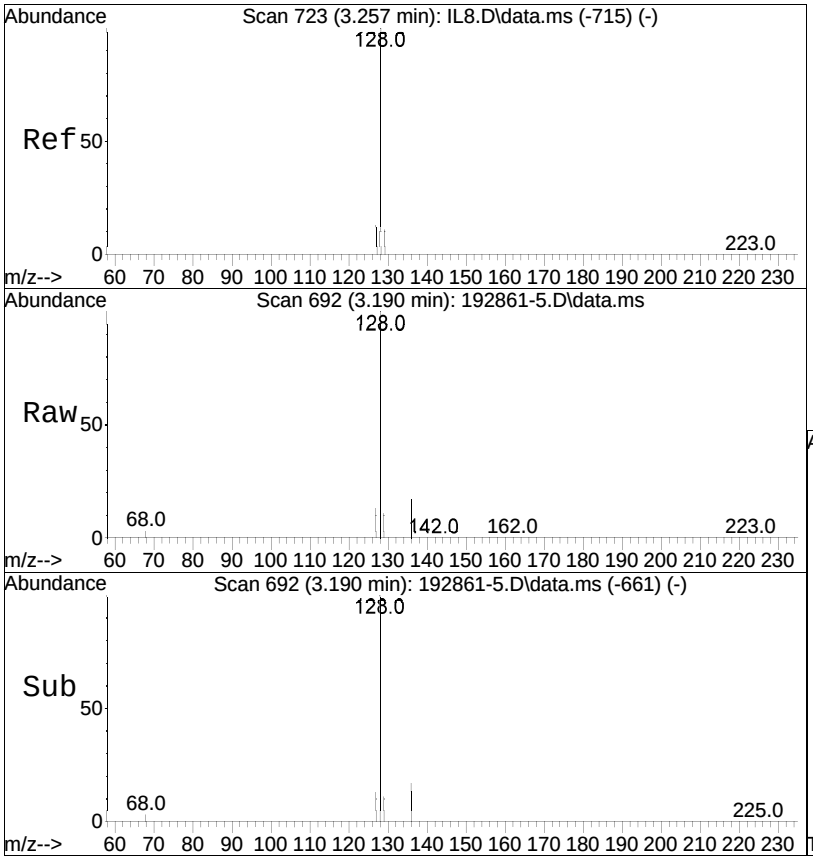


#7
Hexachloroethane
Concen: 1472.44 ng/ml
RT: 2.774 min Scan# 556
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:117 Resp: 32634

Ion	Ratio	Lower	Upper
117	100		
201	108.8	91.0	136.4

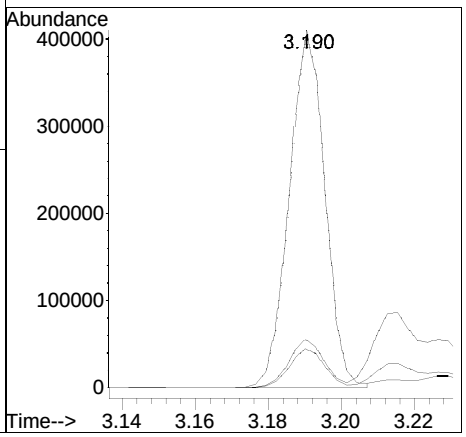


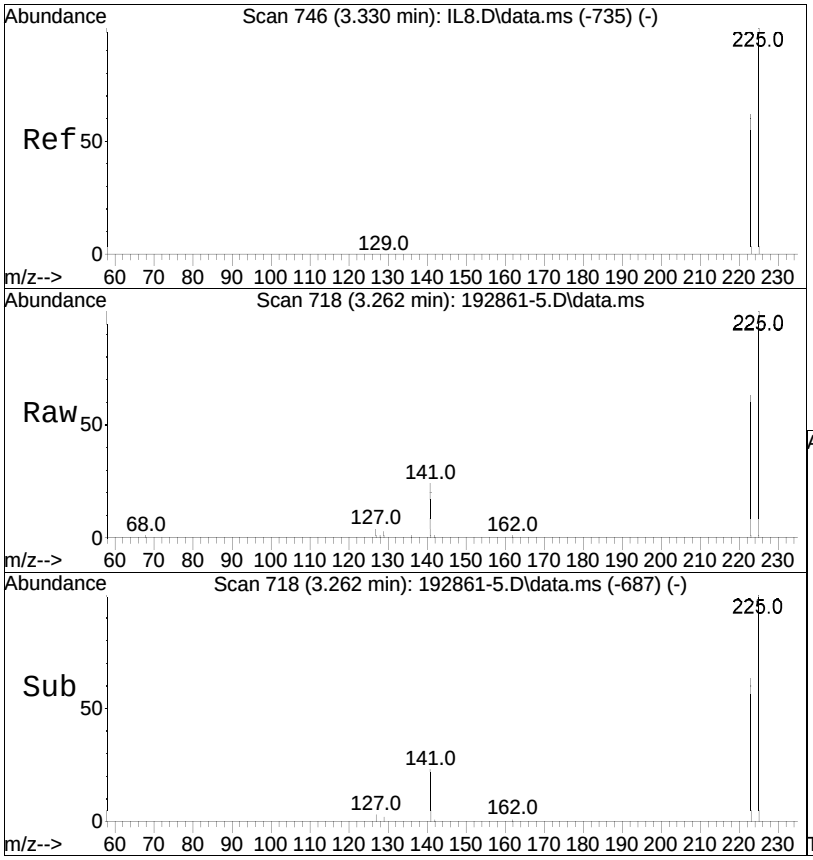


#10
Naphthalene
Concen: 1415.83 ng/ml
RT: 3.190 min Scan# 692
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:128 Resp: 274734

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.6	10.7	16.1

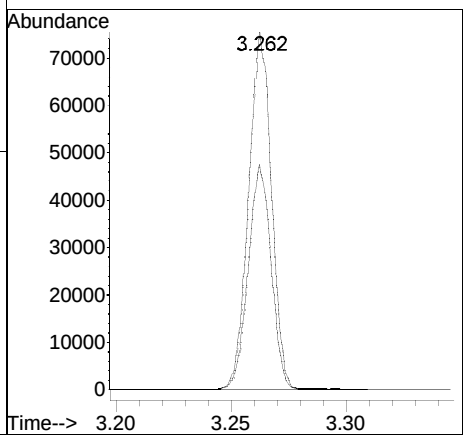


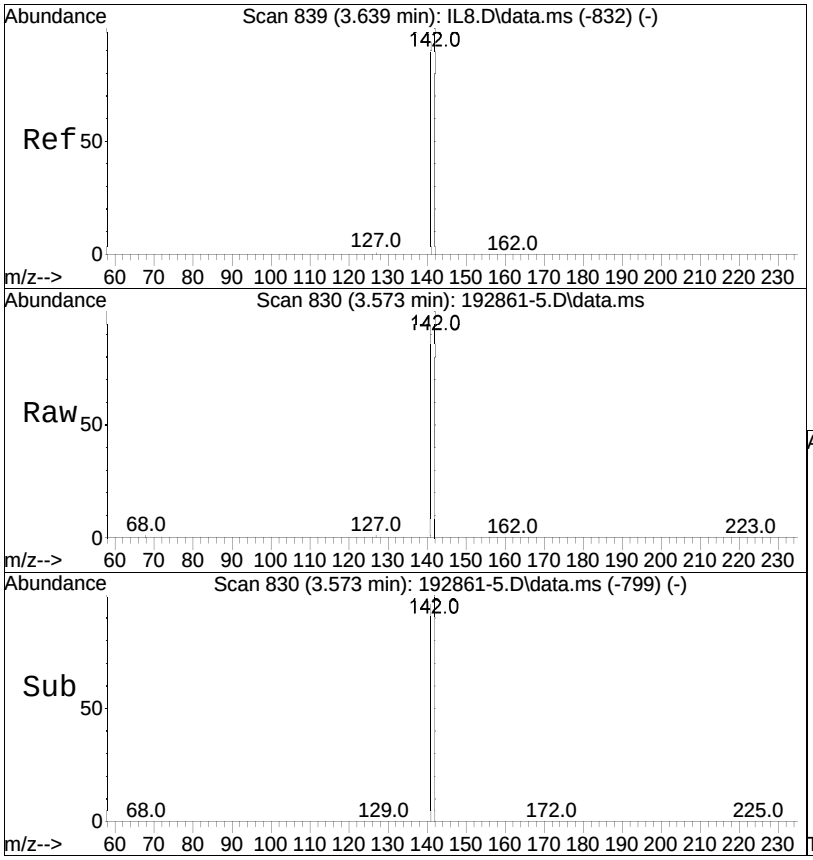


#11
Hexachlorobutadiene
Concen: 1292.51 ng/ml
RT: 3.262 min Scan# 718
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:225 Resp: 51266

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0

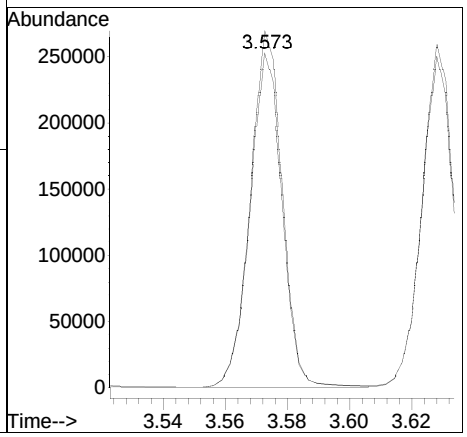


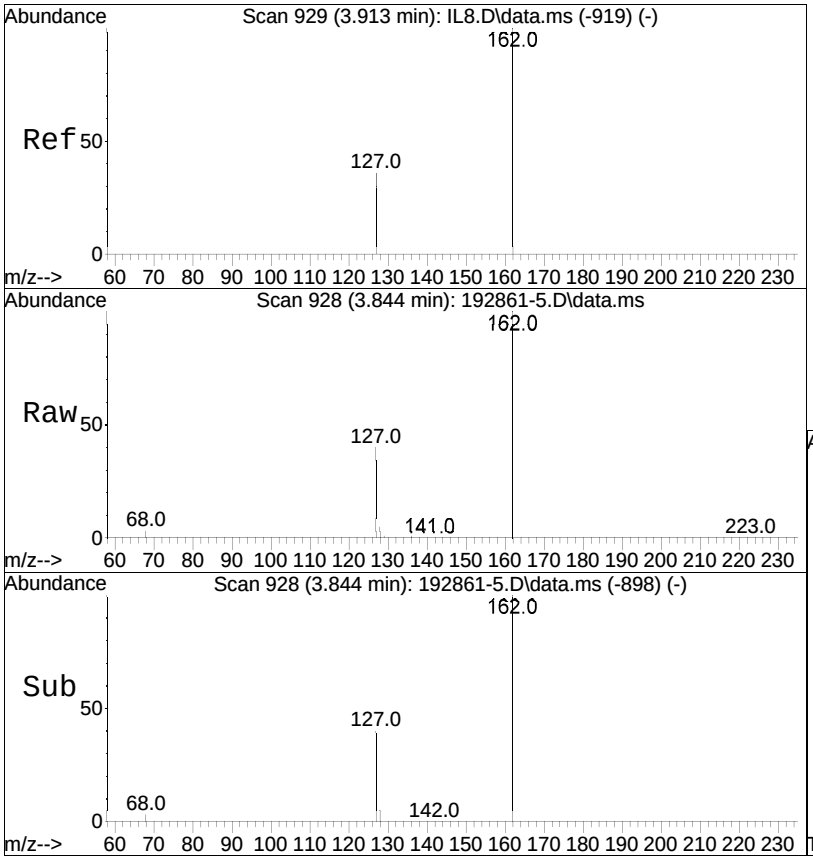


#12
2-Methylnaphthalene
Concen: 1594.26 ng/ml
RT: 3.573 min Scan# 830
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:142 Resp: 192276

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.4	111.6

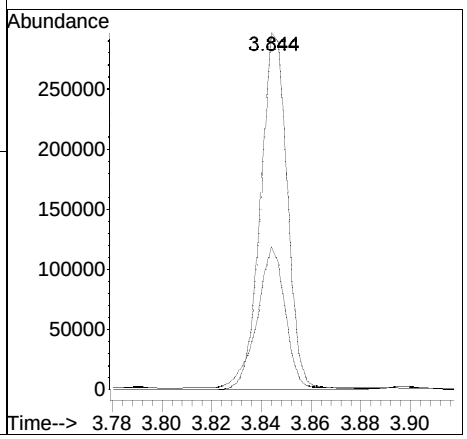


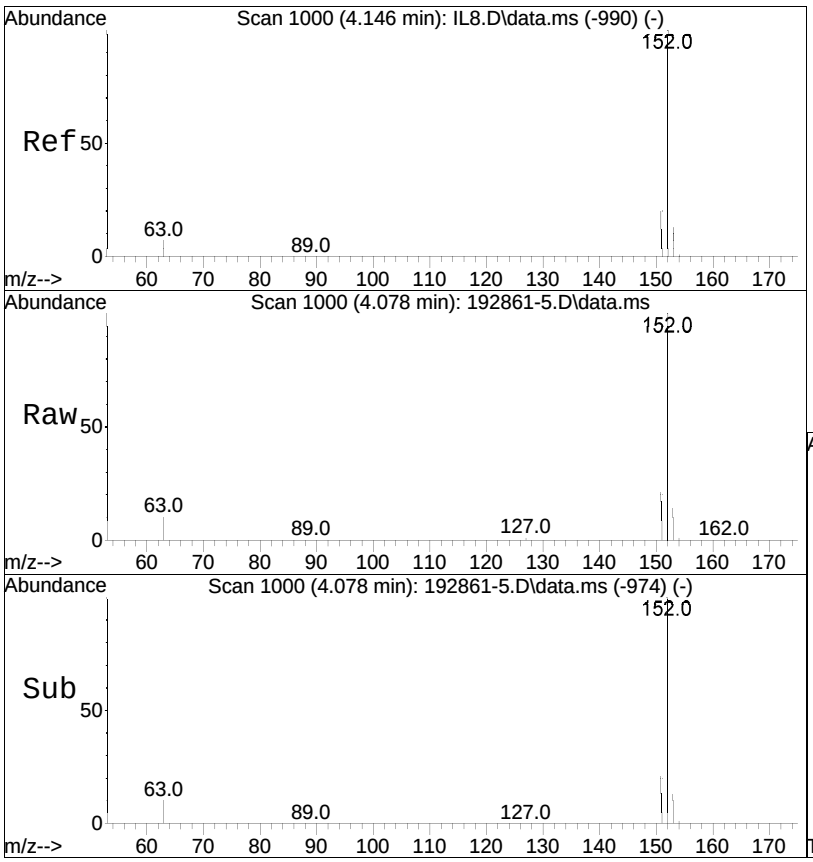


#15
2-Chloronaphthalene
Concen: 1588.74 ng/ml
RT: 3.844 min Scan# 928
Delta R.T. 0.003 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:162 Resp: 217537

Ion	Ratio	Lower	Upper
162	100		
127	42.2	29.8	44.6

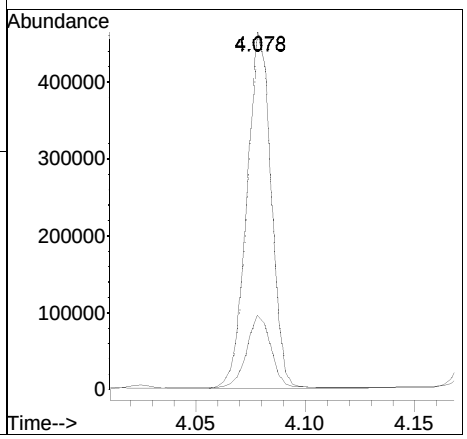


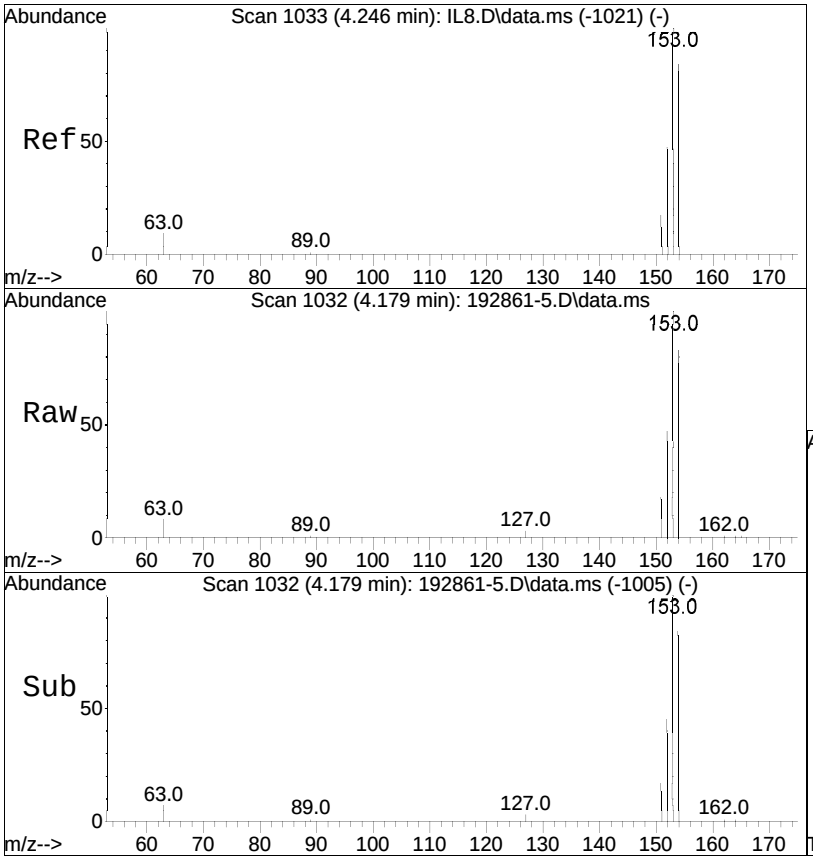


#17
Acenaphthylene
Concen: 1646.10 ng/ml
RT: 4.078 min Scan# 1000
Delta R.T. 0.003 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:152 Resp: 356244

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0

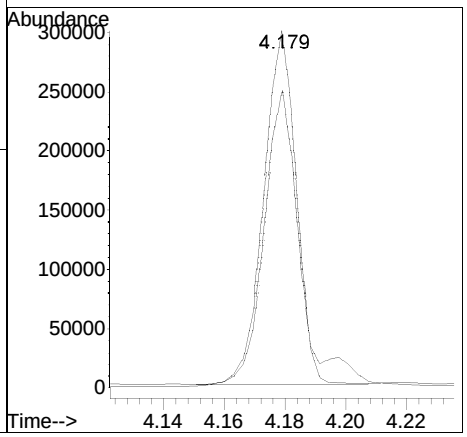


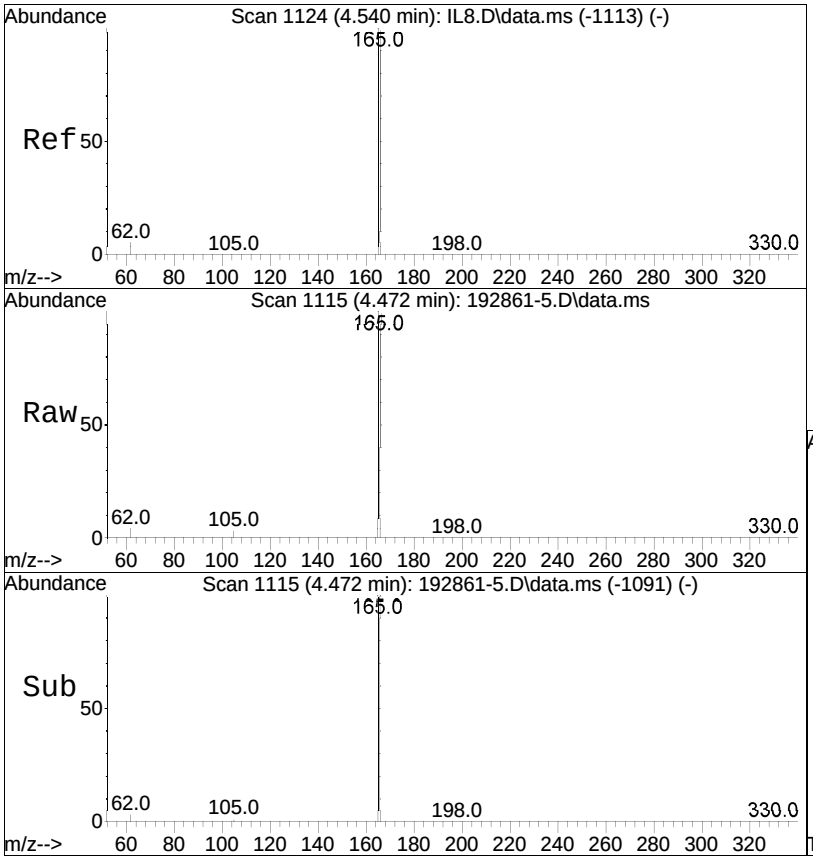


#19
Acenaphthene
Concen: 1605.24 ng/ml
RT: 4.179 min Scan# 1032
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:153 Resp: 220689

Ion	Ratio	Lower	Upper
153	100		
154	94.0	71.8	107.6

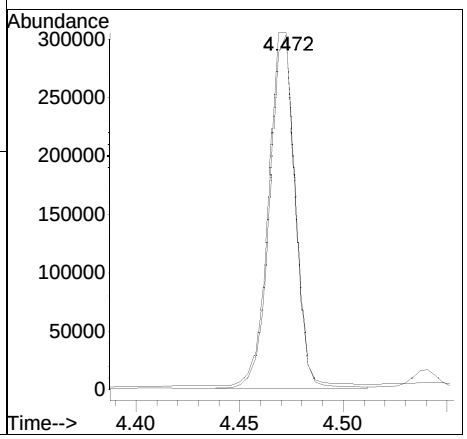


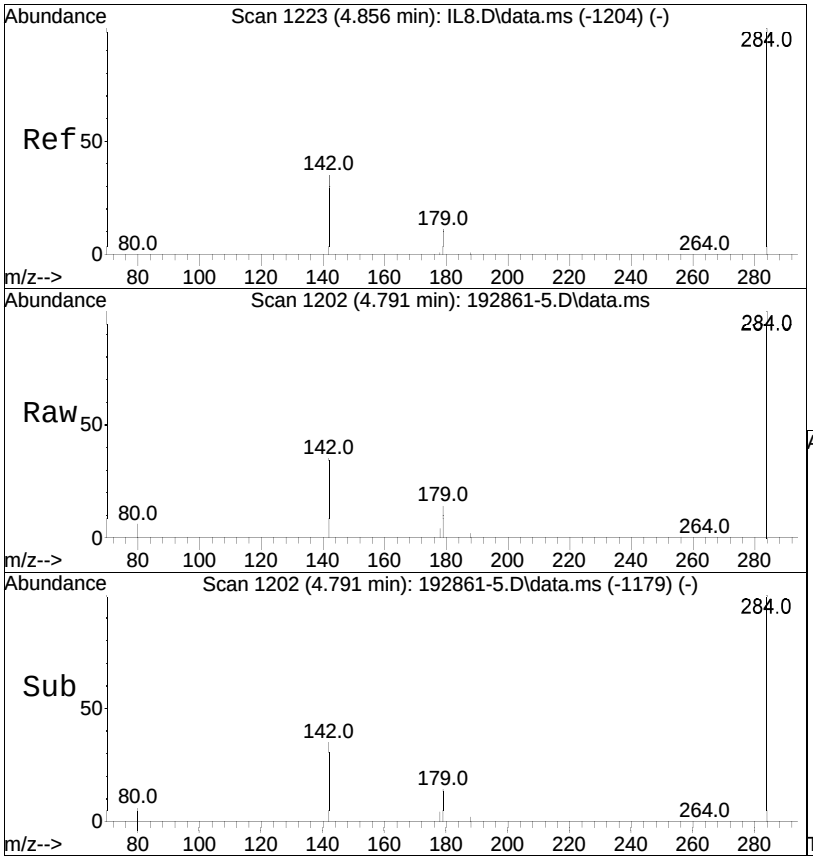


#21
Fluorene
Concen: 1613.70 ng/ml
RT: 4.472 min Scan# 1115
Delta R.T. 0.007 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:166 Resp: 258353

Ion	Ratio	Lower	Upper
166	100		
165	102.8	82.9	124.3

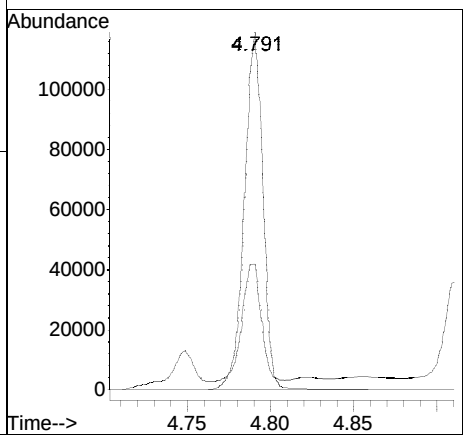


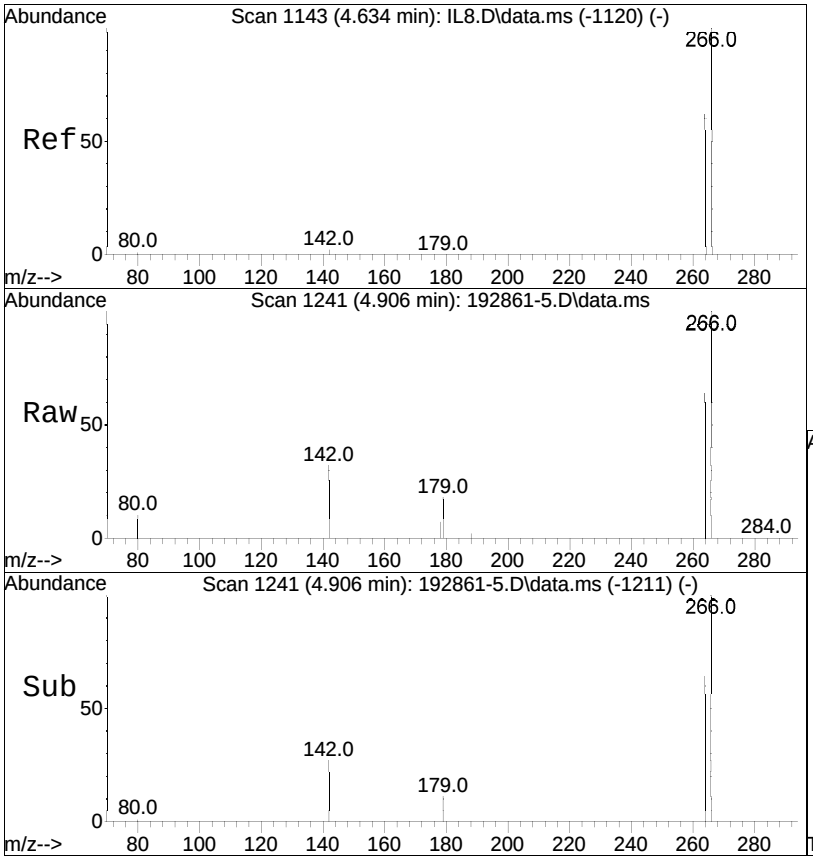


#25
Hexachlorobenzene
Concen: 1752.20 ng/ml
RT: 4.791 min Scan# 1202
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:284 Resp: 90936

Ion	Ratio	Lower	Upper
284	100		
142	34.6	23.9	35.9

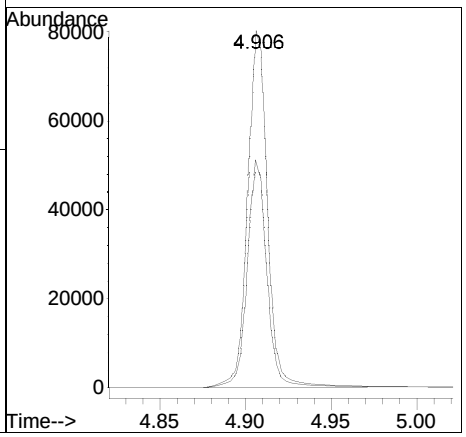


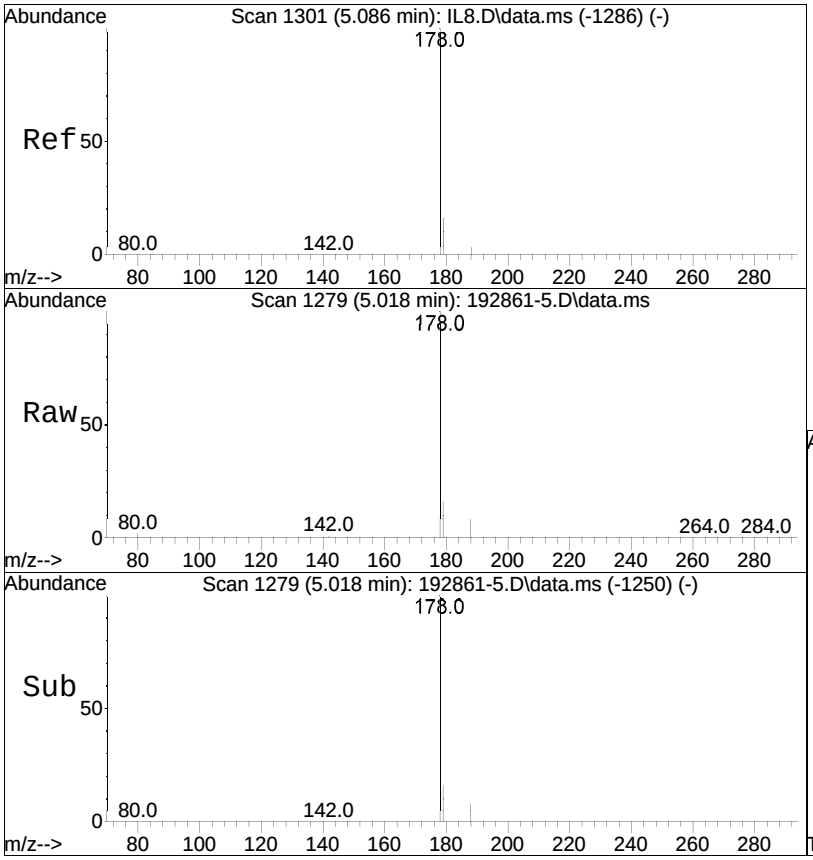


#26
Pentachlorophenol
Concen: 2289.43 ng/ml
RT: 4.906 min Scan# 1241
Delta R.T. 0.009 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:266 Resp: 64237

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.6	76.0

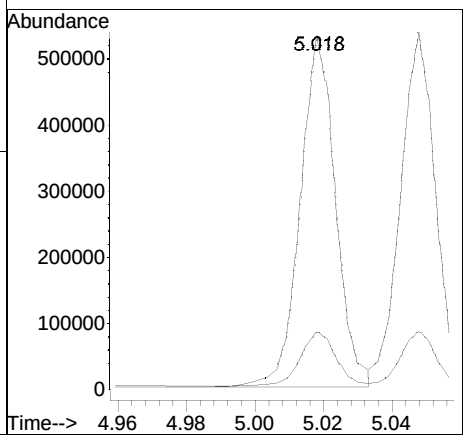


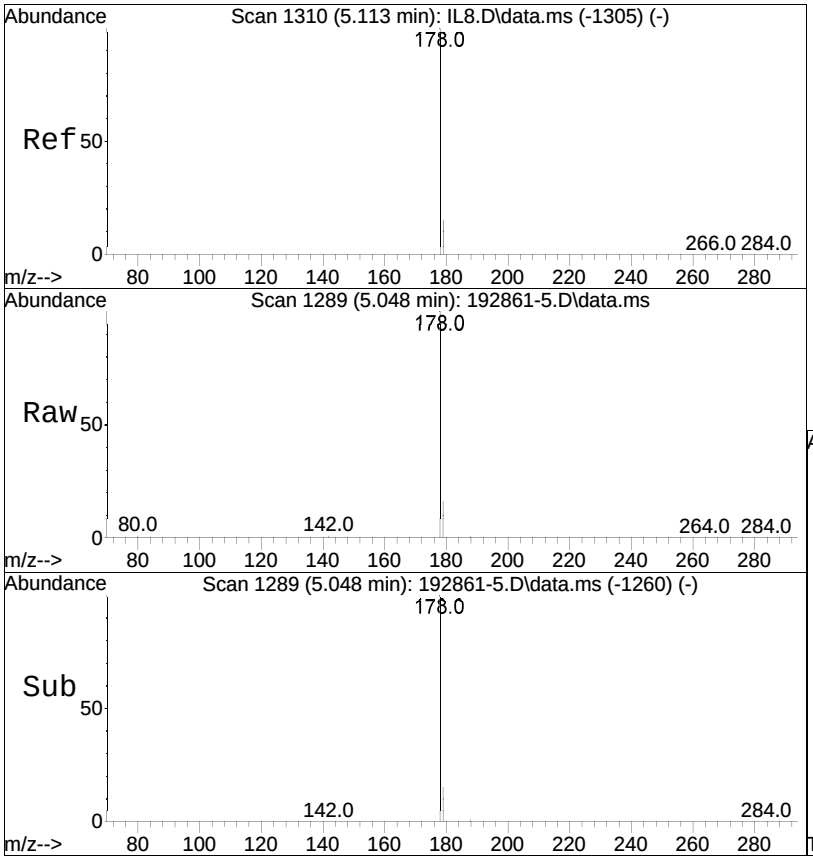


#27
Phenanthrene
Concen: 1678.43 ng/ml
RT: 5.018 min Scan# 1279
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:178 Resp: 379266

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7

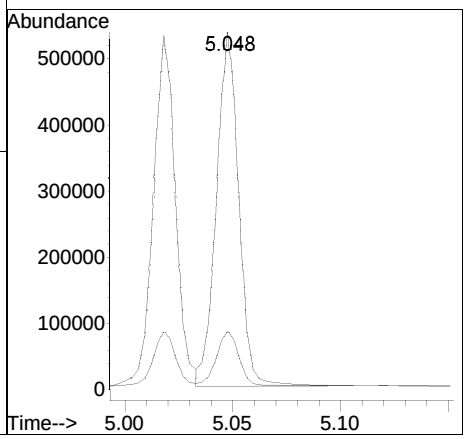


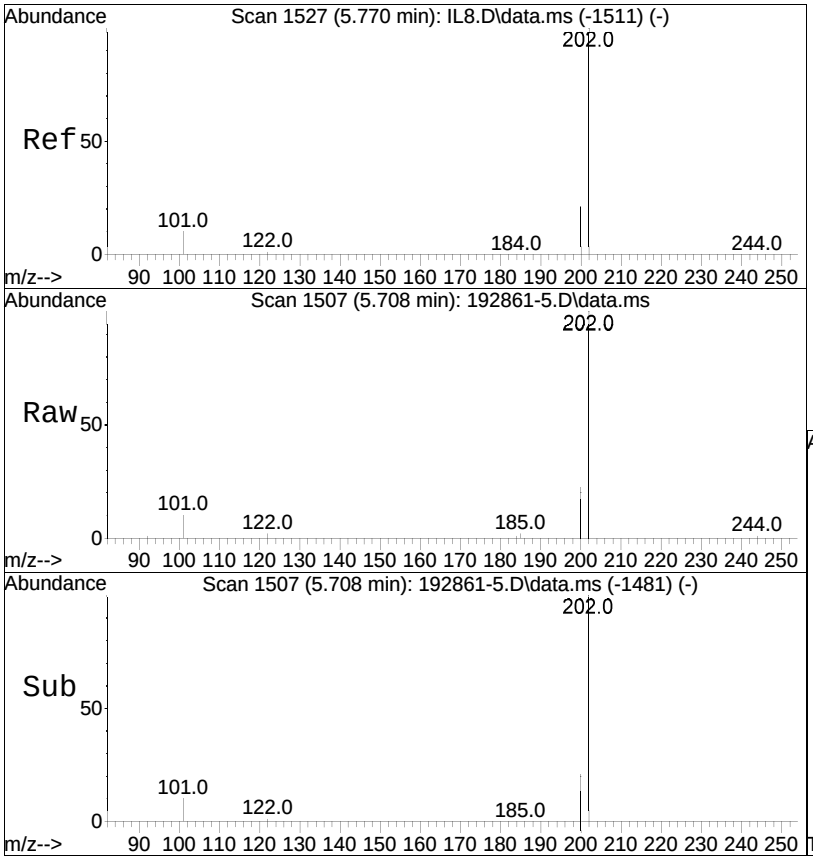


#28
Anthracene
Concen: 1693.20 ng/ml
RT: 5.048 min Scan# 1289
Delta R.T. 0.006 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:178 Resp: 383269

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5

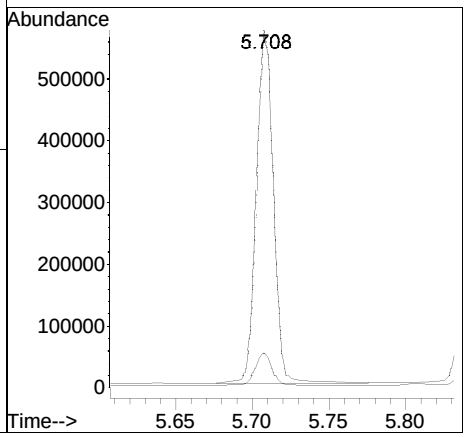


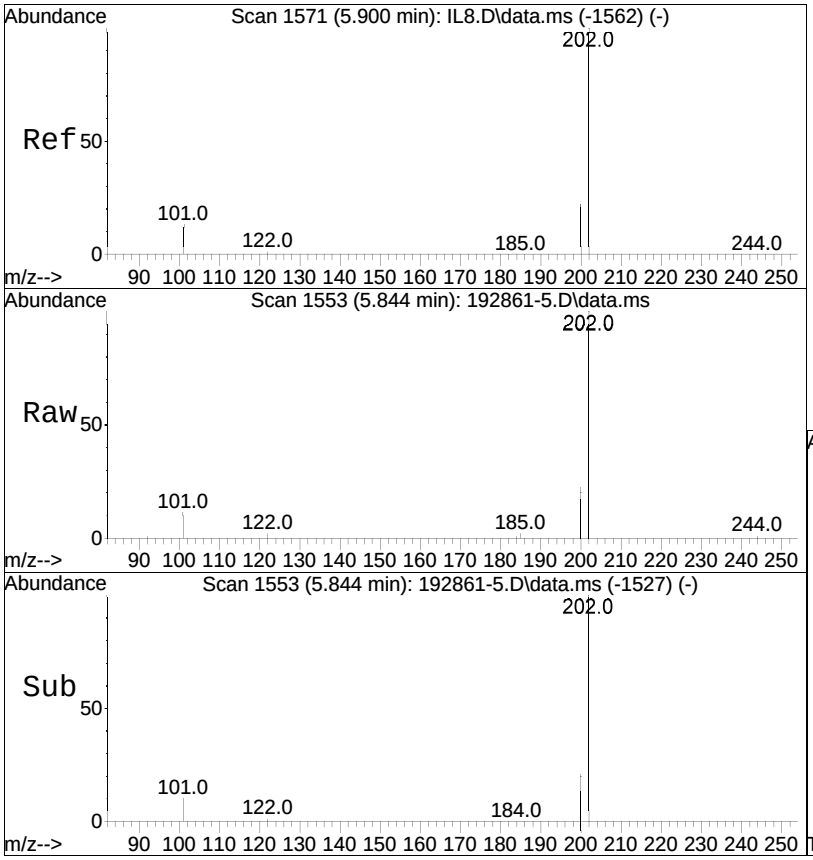


#29
Fluoranthene
Concen: 1651.03 ng/ml
RT: 5.708 min Scan# 1507
Delta R.T. -0.003 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:202 Resp: 438875

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.3	12.5

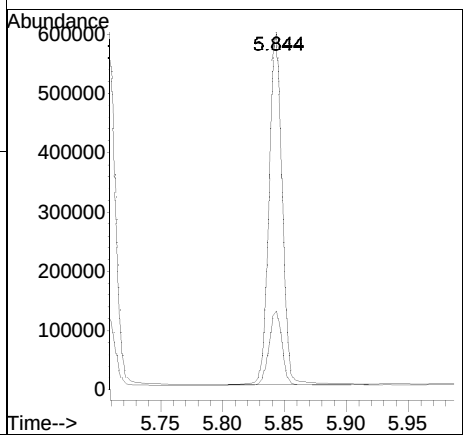


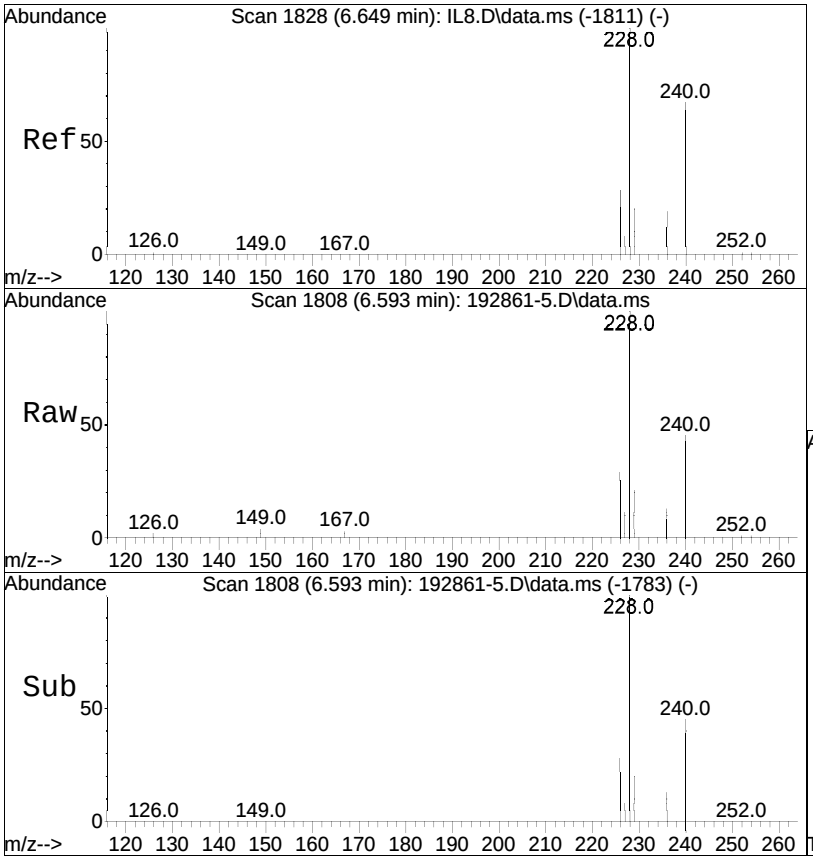


#30
Pyrene
Concen: 1612.05 ng/ml
RT: 5.844 min Scan# 1553
Delta R.T. -0.003 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:202 Resp: 442863

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6

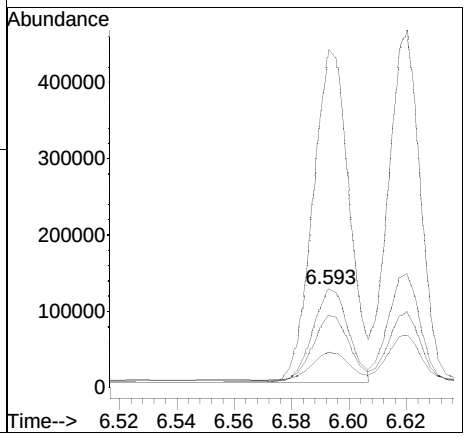


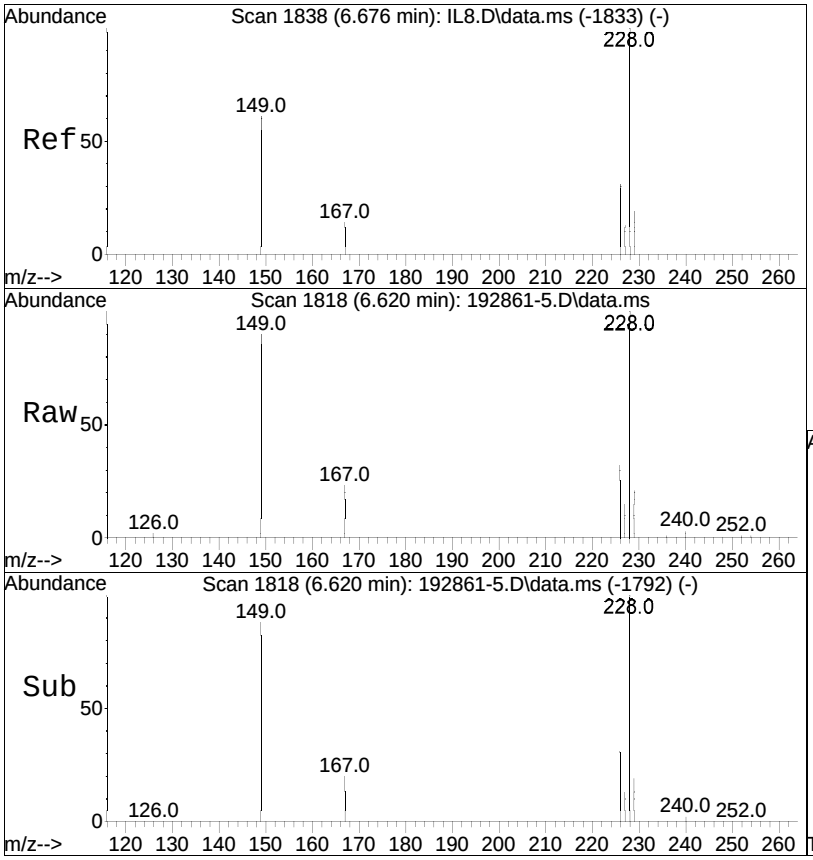


#33
Benzo[a]anthracene
Concen: 1764.46 ng/ml
RT: 6.593 min Scan# 1808
Delta R.T. -0.011 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:226 Resp: 107253

Ion	Ratio	Lower	Upper
226	100		
227	29.9	23.5	35.3
228	355.8	283.8	425.8
229	70.4	55.5	83.3

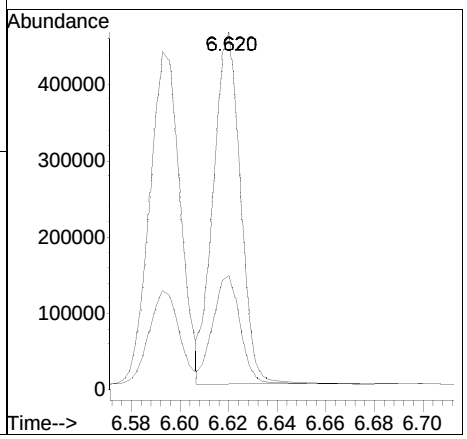


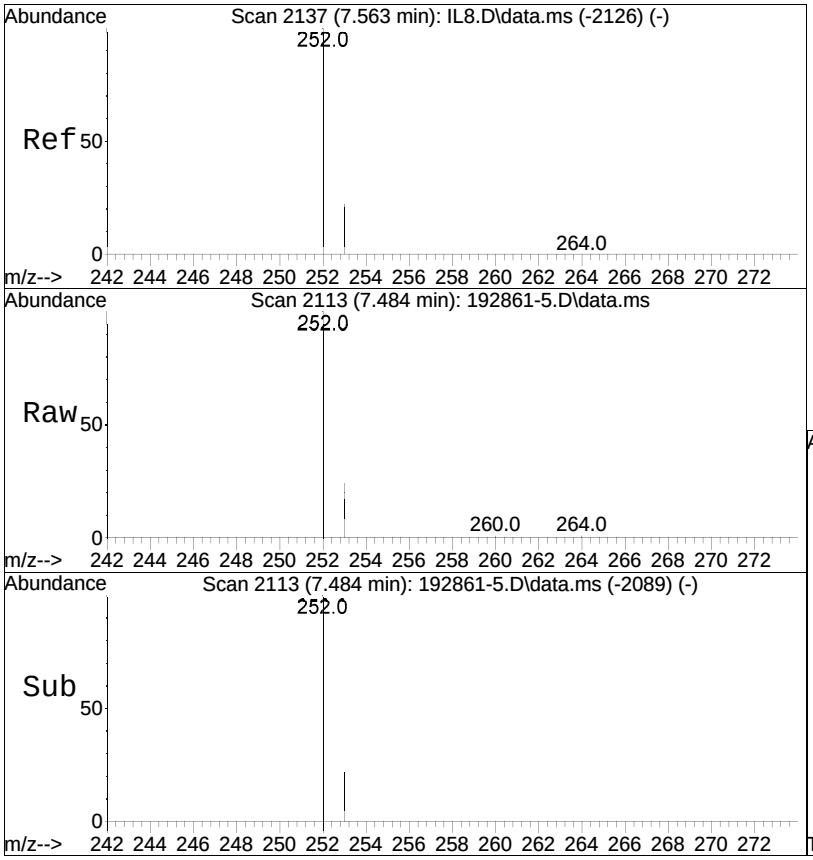


#35
Chrysene
Concen: 1819.30 ng/ml
RT: 6.620 min Scan# 1818
Delta R.T. -0.008 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:228 Resp: 356746

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1

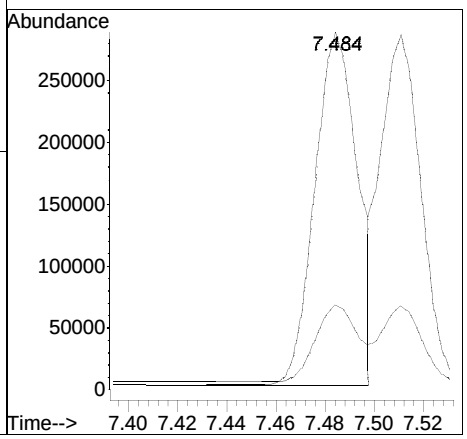


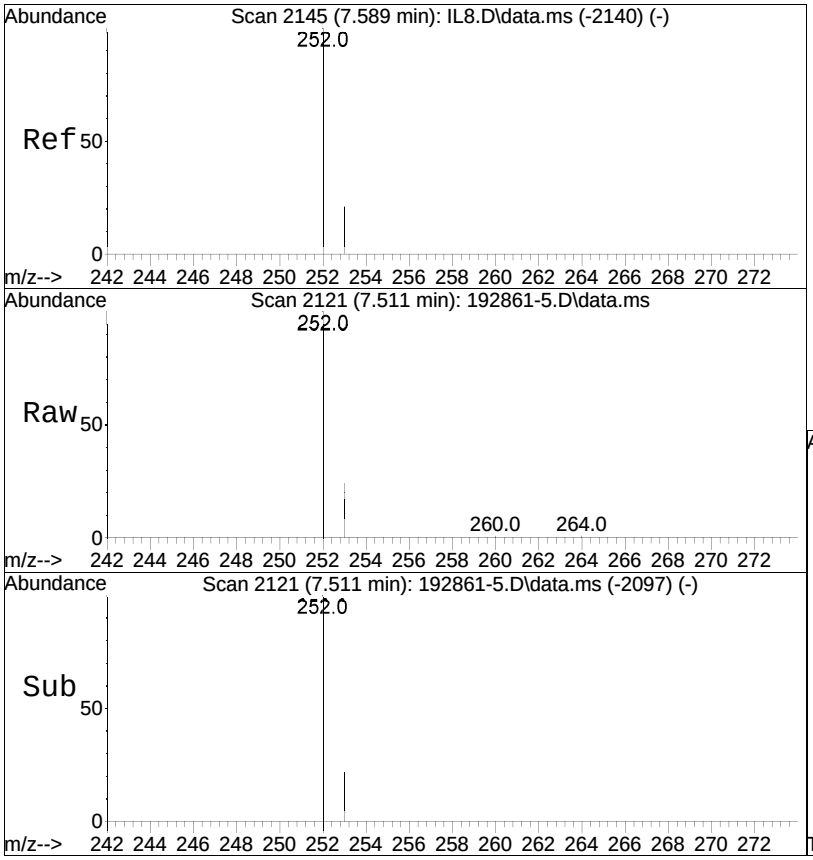


#38
Benzo[b]fluoranthene
Concen: 1916.87 ng/ml
RT: 7.484 min Scan# 2113
Delta R.T. 0.000 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:252 Resp: 343815

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7

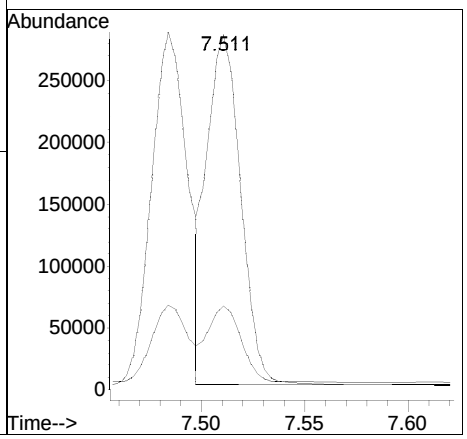


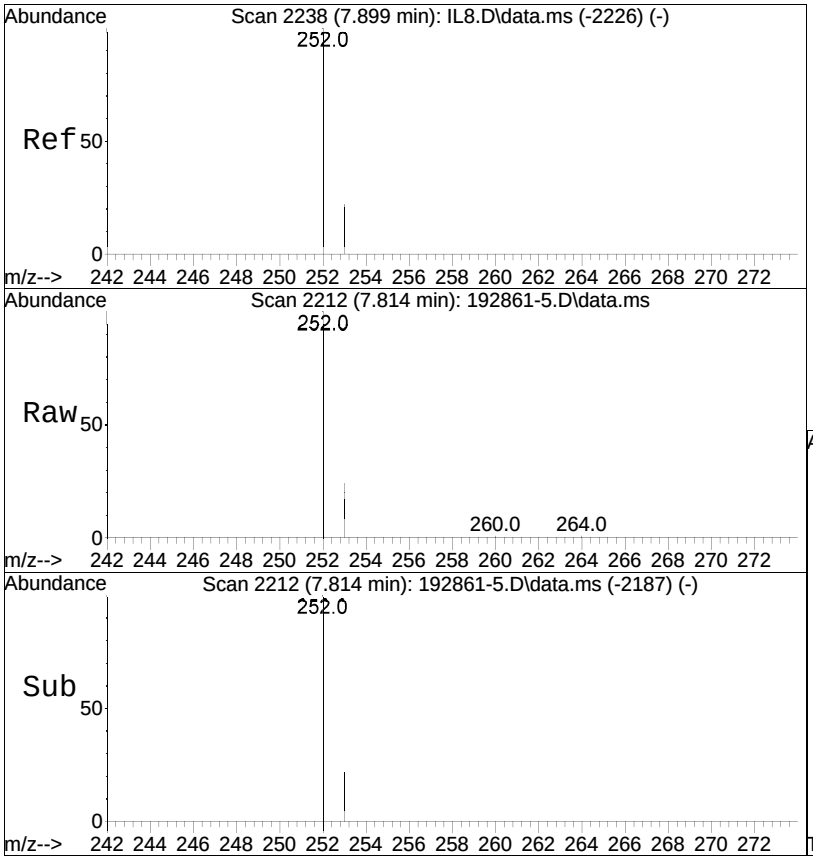


#39
Benzo[k]fluoranthene
Concen: 1778.89 ng/ml
RT: 7.511 min Scan# 2121
Delta R.T. 0.000 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:252 Resp: 320055

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.2	24.4

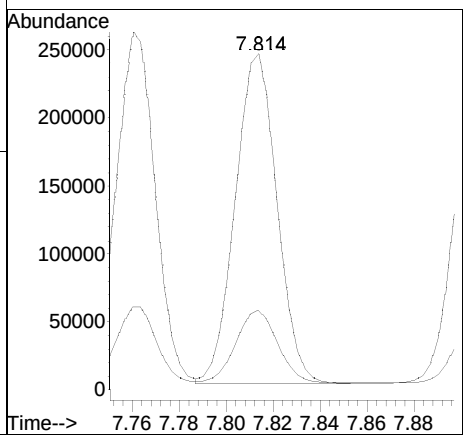


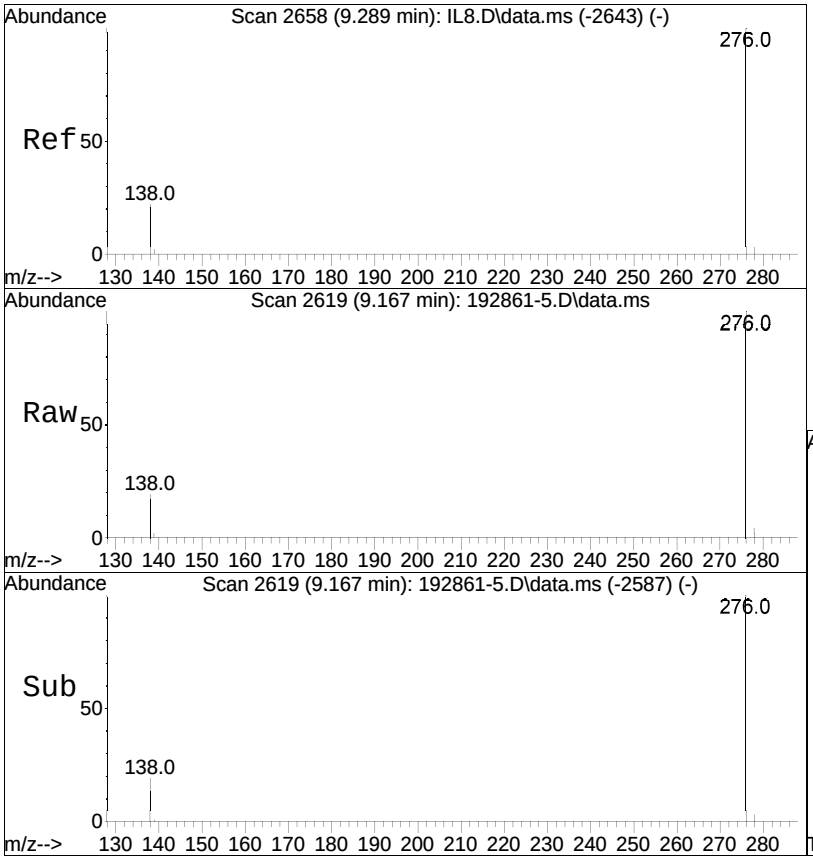


#40
Benzo[a]pyrene
Concen: 1876.75 ng/ml
RT: 7.814 min Scan# 2212
Delta R.T. 0.003 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:252 Resp: 299086

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9

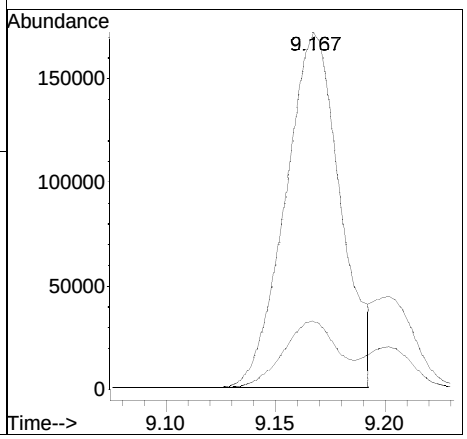


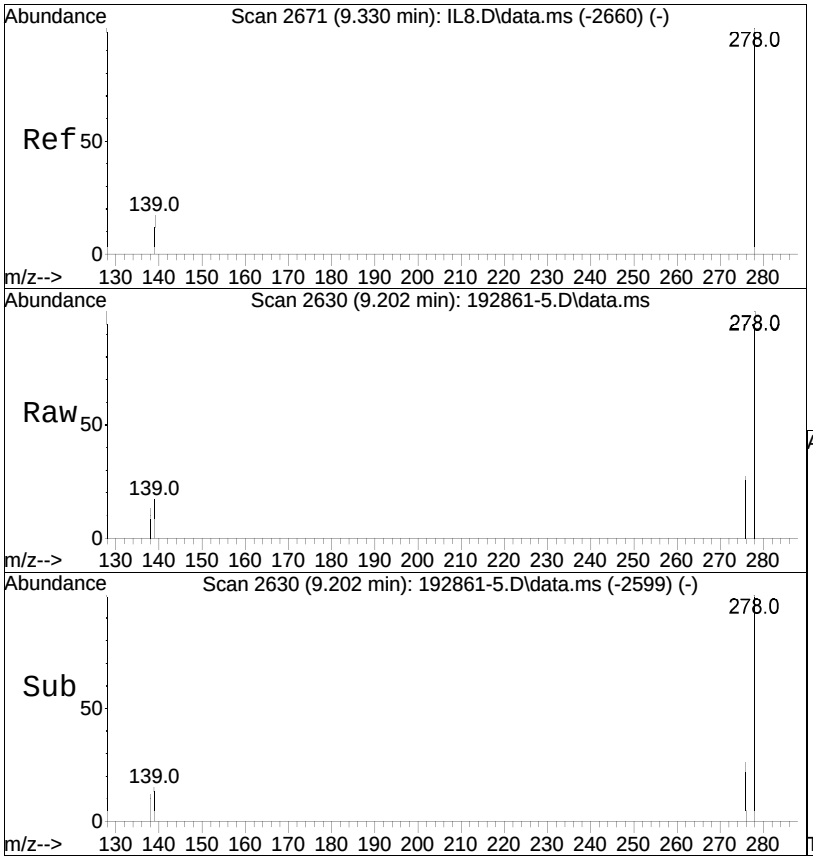


#41
Indeno[1,2,3-cd]pyrene
Concen: 2298.09 ng/ml
RT: 9.167 min Scan# 2619
Delta R.T. 0.022 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:276 Resp: 297607

Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.5	26.3

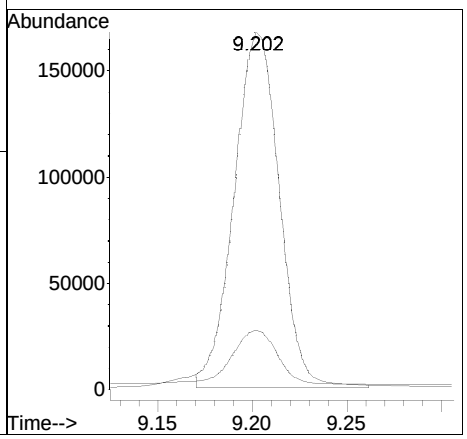


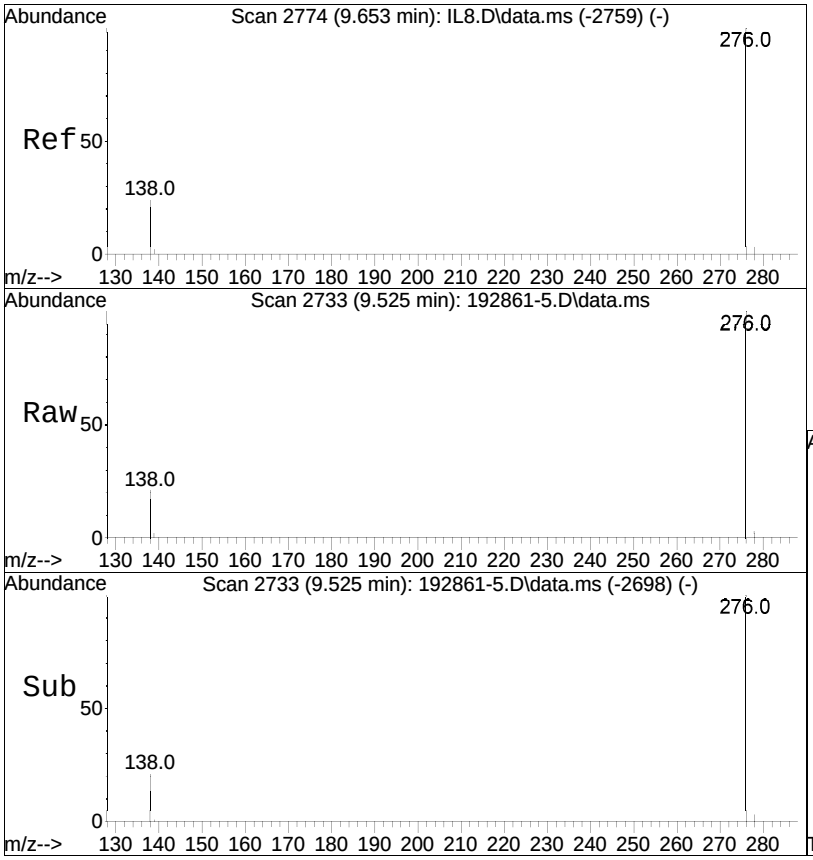


#42
Dibenzo[a,h]anthracene
Concen: 2161.24 ng/ml M6
RT: 9.202 min Scan# 2630
Delta R.T. 0.019 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:278 Resp: 276318

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.1	21.1

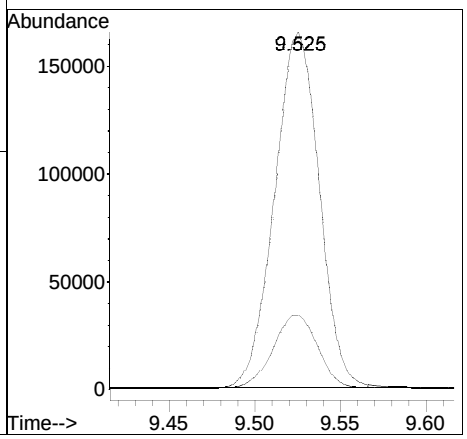




#43
Benzo[g,h,i]perylene
Concen: 2141.83 ng/ml
RT: 9.525 min Scan# 2733
Delta R.T. 0.031 min
Lab File: 192861-5.D
Acq: 03 Apr 2026 02:52 pm

Tgt Ion:276 Resp: 296290

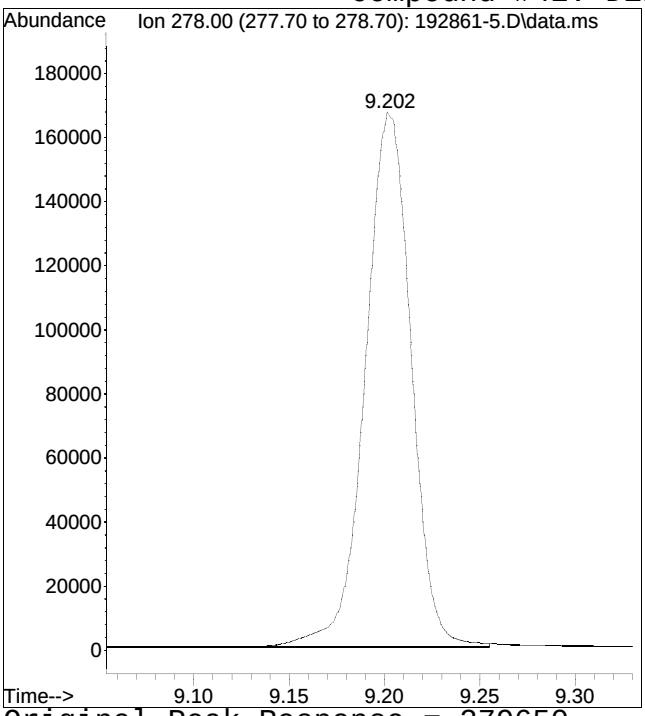
Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.0	28.6



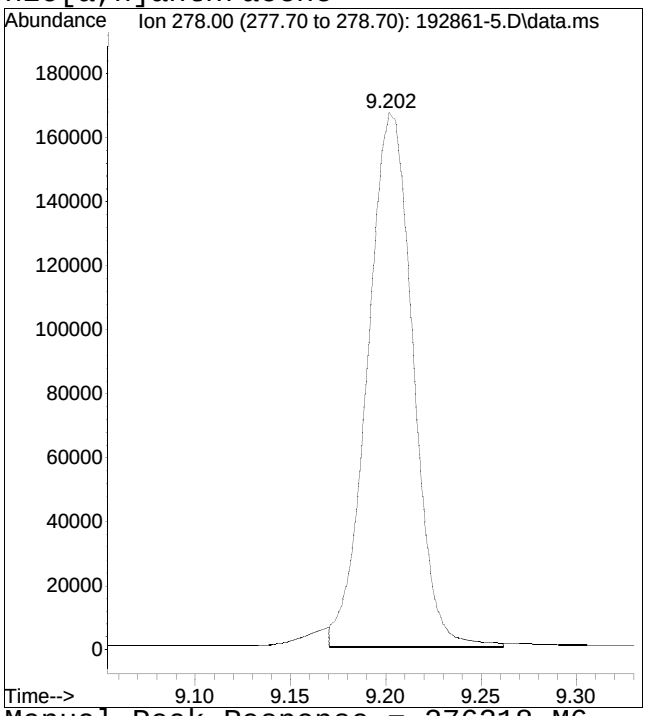
Manual Integration Report

Data Path : I:\8270SIM\SV125\260403RVTQMethod : SIM-RVT_251120_sv125.M
Data File : 192861-5.D Operator : SV125:slr
Date Inj'd : 4/3/2026 2:52 pm Instrument : SV125
Sample : WG2192861-5,32,,rp Quant Date : 4/3/2026 3:10 pm

Compound #42: Dibenzo[a,h]anthracene



Original Peak Response = 279650



Manual Peak Response = 276318 M6

M6 = Misassignment of peak valley

Calculation of Semi Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Apr 10 2026, 08:43 am

Work Group: WG2192861 for Department: 2 Organic Preparation

Created: 02-APR-26 Due: Operator: SJM

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2617421-01	MW-1-032726	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-02	MW-2-032726	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-03	MW-3R-032726	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-04	MW-4R-032726	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2617421-05	DUP-032726	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0403	0410	S0	Amber-A.1
L2618233-01	EW-1-040126	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0408	0408	1A	Amber-A.1
L2618327-15	EQUIPMENT BLANK	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0408	0408	2F	Amber-A.1
L2618395-01	AT5596GW178	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-02	AT5596GW179	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-03	AT5596GW180	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-04	AT5596GW181	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
L2618395-05	AT5596GW182	C	NYTCL-8270-SIM-RVT	WATER	DONE	U	0408	0415	S0	Amber-A.1
WG2192861-1	Laboratory Method Bl	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2192861-2	Laboratory Control S	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2192861-3	LCS Duplicate	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2192861-4	Matrix Spike	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				
WG2192861-5	Matrix Spike Duplica	S	NYTCL-8270-SIM-RVT	WATER	DONE	U				

Comments:

WG2192861-3	WG2192861-2
WG2192861-4	L2617421-03
WG2192861-5	L2617421-03

Analysis log File

Total Files Reported in Log : 13
Log Generated From Directory: I:\8270SIM\SV125\251120RVTical\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE INJ'D
1	Tune.D	DFTPP(100ml)	TUNE #12051	WG2146402,,ical	11/20/2025 4:12 pm
2	IL10.D	SIM-RVT.M	IL10,32,,5 Lot# 12033	WG2146402,,ical	11/20/2025 4:30 pm
3	IL9.D	SIM-RVT.M	IL9,32,,2.5 Lot# 12035	WG2146402,,ical	11/20/2025 4:47 pm
4	IL8.D	SIM-RVT.M	IL8,32,,1 Lot# 12036	WG2146402,,ical	11/20/2025 5:04 pm
5	IL7.D	SIM-RVT.M	IL7,32,,0.5 Lot# 12037	WG2146402,,ical	11/20/2025 5:21 pm
6	IL6.D	SIM-RVT.M	IL6,32,,0.1 Lot# 12038	WG2146402,,ical	11/20/2025 5:39 pm
7	IL5.D	SIM-RVT.M	IL5,32,,0.04 Lot# 12039	WG2146402,,ical	11/20/2025 5:56 pm
8	IL4.D	SIM-RVT.M	IL4,32,,0.01 Lot# 12040	WG2146402,,ical	11/20/2025 6:13 pm
9	IL3.D	SIM-RVT.M	IL3,32,,0.005 Lot# 1204	WG2146402,,ical	11/20/2025 6:31 pm
10	IL2.D	SIM-RVT.M	IL2,32,,0.002 Lot# 1204	WG2146402,,ical	11/20/2025 6:48 pm
11	IL1.D	SIM-RVT.M	IL1,32,,0.001 Lot# 1204	WG2146402,,ical	11/20/2025 7:05 pm
12	ICV.D	SIM-RVT.M	CQICV1,32,,1 Lot# 12034	WG2146402,,ical	11/20/2025 7:23 pm
13	insblk.D	SIM-RVT.M			11/20/2025 7:40 pm

Dep.: GCMS
Inst: SV118
Date: **12/13/25**
Run:

Method
GC: SIM RVT

Seq: WG2154186
ICAL: ICAL22895

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	TUNE	TUNE #12051				
1	L10	IL10,32,, #12033 5000 ng/ml				
2	L9	IL9,32,, #12035 2500 ng/ml				
3	L8	IL8,32,, #12036 1000 ng/ml				
4	L7	IL7,32,, #12037 500 ng/ml				
5	L6	IL6,32,, #12038 100 ng/ml				
6	L5	IL5,32,, #12039 40 ng/ml				
7	L4	IL4,32,, #12040 10 ng/ml				
8	L3	IL3,32,, #12041 5 ng/ml				
9	L2	IL2,32,, #12042 2 ng/ml				
10	L1	IL1,32,, #12043 1 ng/ml				
11	ICV	QCICV,32,, #12034 1000 ng/ml				
12	instblk	instrument blank			rp/sv-cn	

Dep.: GCMS
Inst: SV118
Date: **04/03/26**
Run:

Method
GC: SIM RVT

Seq: WG2193570
ICAL: 22895

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	deg0403	wg-1,32,, dftpp SV118 Lot# 12225				slr 4/6
49	ccv0403	wg-3,32,,ICV 12227 (0401g)				slr 4/6
49	ccv0403a	wg-3,32,,ICV 12227 (0328g)				slr 4/6
50	blank0403	Instrument Blank				
1	192861-2	WG2192861-2,32,,rp				slr 4/6
2	192861-3	WG2192861-3,32,,rp				slr 4/6
3	192861-1	WG2192861-1,32,,rp				slr 4/6
4	18233-01	L2618233-01,32,,R1A,rp			rap	slr 4/6
					Sv-gmr	

Dep.: GCMS
Inst: SV125
Date: **04/03/26**
Run:

Method
GC: SIM RVT

Seq: WG2193582
ICAL: 22846

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
48	deg0403	wg-1,32,,SV125 lot#12225				04/05 csn
49	ccv0403	wg-3,32,,ICV 12227 (0401g)				
49	ccv0403a	wg-3,32,,ICV 12227 (0328g)				04/05 csn
50	blk0403	Instrument Blank				
1	193318-2	WG2193318-2,32,,rp				04/05 csn
2	193318-3	WG2193318-3,32,,rp				04/05 csn
3	193318-1	WG2193318-1,32,,rp				04/05 csn
4	18390-10	L2618390-10,32,,R3C,rp				04/05 csn
5	18622-01	L2618622-01,32,,R3B,rp				04/05 csn
6	18623-01	L2618623-01,32,,R3B,rp				04/05 csn
7	18327-15	L2618327-15,32,,R2F,rp				slr 4/6
8	16861-13	L2616861-13,32,,rp				slr 4/8
9	17357-01	L2617357-01,32,,rp	5x M	slr		
10	17421-01	L2617421-01,32,,rp				slr 4/9
11	17421-02	L2617421-02,32,,rp				slr 4/9
12	17421-03	L2617421-03,32,,rp				slr 4/9
13	192861-4	WG2192861-4,32,,rp				slr 4/9
14	192861-5	WG2192861-5,32,,rp				slr 4/9
15	17421-04	L2617421-04,32,,rp				slr 4/9
16	17421-05	L2617421-05,32,,rp				slr 4/9
17	18395-01	L2618395-01,32,,rp				
18	18395-02	L2618395-02,32,,rp				
19	18395-03	L2618395-03,32,,rp				
20	18395-04	L2618395-04,32,,rp				
21	18395-05	L2618395-05,32,,rp				
22	17283-05	L2617283-05,32,,RR(OTT),rp				slr 4/9
23	17854-08	L2617854-08,32,,RR(OTT),rp				
24	17352-01	L2617352-01,32,,rp				slr 4/9
25	17352-02	L2617352-02,32,,rp				slr 4/9
26	17352-03	L2617352-03,32,,rp				slr 4/9
27	17352-04	L2617352-04,32,,rp				slr 4/9
28	17352-05	L2617352-05,32,,rp				slr 4/9
29	17316-01	L2617316-01,32,,rp	job is PCP only			
30	17316-02	L2617316-02,32,,rp				
31	17316-03	L2617316-03,32,,rp				
32	17316-04	L2617316-04,32,,rp				
33	17316-05	L2617316-05,32,,rp	PCP ok	cmm		
34	17316-06	L2617316-06,32,,rp				
35	17316-07	L2617316-07,32,,rp				
36	17316-08	L2617316-08,32,,rp	PCP ok	cmm		
37	17316-10	L2617316-10,32,,rp	OT	cmm		
38	17316-11	L2617316-11,32,,rp	OT	cmm	rap	
					Sv-dv	

ORGANIC ELN REPORT

Workgroup: WG2192861

Prep Method: EPA 3510C
Solvent Type: DCM
Surrogate Type: ABN
Spike Type: ABN-SIM
Spike Verify by: SJM
Lims Spikelot: 8270-RVT

Lot #: EL676
Lot #: 12268ag,09/11/2026,1l,7,1
Lot #: 12292ai,09/26/2026,12189ai,05

Additional Reagents/Stds

H2SO4	A010426
Na2SO4	256340
NaOH	10NNaOH022026

Conc.Method: Buchi
Solvent Type: DCM
Lot #: EL676

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type:
Lot #:

Additional Reagents/Stds

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2617421-01 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-02 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-03 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-04 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2617421-05 WATER	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2618233-01 WATER	04/02/26 08:38	Sydney Meyer	100	<2,>12	.1		04/02/26 08:49	Erin Wildes	1	K

Reported: 10-APR-26 08:43 AM

ORGANIC ELN REPORT

Workgroup: WG2192861

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2618327-15 SAMP	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1		04/02/26 21:56	Mary Asare	1	K
L2618395-01 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-02 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-03 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-04 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
L2618395-05 SAMP	04/03/26 02:48	Chris Suslowicz	100	<2,>12	.1		04/03/26 05:35	Mary Asare	1	K
WG2192861-1 BLANK	04/02/26 08:38 **WG2192860**	Sydney Meyer	100	<2,>12	.1		04/02/26 08:49	Erin Wildes	1	K
WG2192861-2 LCS	04/02/26 08:38	Sydney Meyer	100	<2,>12	.1	.1	04/02/26 08:49	Erin Wildes	1	K

ORGANIC ELN REPORT

Workgroup: WG2192861

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
WG2192861-3 LCSD	04/02/26 08:38	Sydney Meyer	100	<2,>12	.1	.1	04/02/26 08:49	Erin Wildes	1	K
WG2192861-4 MS	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1	.1	04/02/26 21:56	Mary Asare	1	K
WG2192861-5 MSD	04/02/26 18:48	Francis Mbro-Menyah	100	<2,>12	.1	.1	04/02/26 21:56	Mary Asare	1	K

Reported: 10-APR-26 08:43 AM

GC Extractable Analysis Polychlorinated Biphenyls (PCB)

Aroclor QC Summary

Surrogate Recovery Summary
Form 2
PCBs

Client: C&S Companies
Project Name: 2026 BROWN MFG PRR

Lab Number: L2617421
Project Number: 119.431.042
Matrix: Water

GC Column 1: CLP-Pesticide
GC Column 2: CLP-PesticideII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
MW-1-032726 (L2617421-01)	60	52	57	57			0
MW-2-032726 (L2617421-02)	55	49	53	57			0
MW-3R-032726 (L2617421-03)	64	55	48	48			0
MW-4R-032726 (L2617421-04)	50	44	40	44			0
DUP-032726 (L2617421-05)	70	58	51	49			0
WG2193331-1BLANK	44	44	48	53			0
WG2193331-2LCS	50	49	54	63			0
WG2193331-3LCSD	44	42	50	56			0
MW-3R-032726MS	53	49	39	45			0
MW-3R-032726MSD	62	60	46	52			0

QC LIMITS
(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE
(30-150) DCBP = DECACHLOROBIPHENYL

*** Values outside of QC limits**

Laboratory Control Sample Summary
Form 3
PCBs

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2193331-2 **Analysis Date** : 04/05/26 17:41	**File ID**	: P2260405a-25
LCSD Sample ID	: WG2193331-3 **Analysis Date** : 04/05/26 17:51	**File ID**	: P2260405a-26

	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
Aroclor 1016	2.5	1.69	68	2.5	1.52	61	11	40-140	50
Aroclor 1260	2.5	2.04	82	2.5	1.81	72	12	40-140	50

Matrix Spike Sample Summary
Form 3
PCBs

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Client Sample ID	: MW-3R-032726	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2617421-03	**Analysis Date**	: 04/05/26 18:19
Matrix Spike	: WG2193331-4	**MS Analysis Date**	: 04/05/26 18:28
Matrix Spike Dup	: WG2193331-5	**MSD Analysis Date**	: 04/05/26 18:38

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Aroclor 1016	ND	2.5	1.45	58	2.5	1.70	68	16	40-140	50
Aroclor 1260	ND	2.5	1.58	63	2.5	1.87	75	17	40-140	50

Method Blank Summary
Form 4
PCBs

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Lab Sample ID	: WG2193331-1	**Lab File ID**	: P2260405a-24
Matrix	: WATER	**Extraction Date**	: 04/03/26
Sulfur Cleanup	: Y		
Analysis Date (1)	: 04/05/26 17:32	**Analysis Date (2)**	: 04/05/26 17:32
Instrument ID (1)	: PEST2	**Instrument ID (2)**	: PEST2

Client Sample No.	Lab Sample ID	Analysis Date 1	Analysis Date 2
WG2193331-2LCS	WG2193331-2	04/05/26 17:41	04/05/26 17:41
WG2193331-3LCSD	WG2193331-3	04/05/26 17:51	04/05/26 17:51
MW-1-032726	L2617421-01	04/05/26 18:00	04/05/26 18:00
MW-2-032726	L2617421-02	04/05/26 18:10	04/05/26 18:10
MW-3R-032726	L2617421-03	04/05/26 18:19	04/05/26 18:19
MW-3R-032726MS	WG2193331-4	04/05/26 18:28	04/05/26 18:28
MW-3R-032726MSD	WG2193331-5	04/05/26 18:38	04/05/26 18:38
MW-4R-032726	L2617421-04	04/05/26 18:47	04/05/26 18:47
DUP-032726	L2617421-05	04/05/26 18:57	04/05/26 18:57

Analytical Sequence
Form 8b
PCBs

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: PEST2	**Initial Calib. Date(s)**	: 02/02/26 02/02/26

Client ID	Lab ID	Date/Time Analyzed
1242/1268 L9 (250ug/L)	R2065075-1	02/02/26 09:01
1232/1262 L9 (250ug/L)	R2065075-2	02/02/26 09:11
1248 L9 (250ug/L)	R2065075-3	02/02/26 09:20
1221/1254 L9 (250ug/L)	R2065075-4	02/02/26 09:29
1016/1260 L1 (4ug/L)	R2065075-5	02/02/26 09:39
1016/1260 L2 (7ug/L)	R2065075-6	02/02/26 09:48
1016/1260 L3 (10ug/L)	R2065075-7	02/02/26 09:58
1016/1260 L4 (20ug/L)	R2065075-8	02/02/26 10:07
1016/1260 L5 (30ug/L)	R2065075-9	02/02/26 10:16
1016/1260 L6 (40ug/L)	R2065075-10	02/02/26 10:26
1016/1260 L7 (50ug/L)	R2065075-11	02/02/26 10:35
1016/1260 L8 (100ug/L)	R2065075-12	02/02/26 10:45
1016/1260 L9 (250ug/L)	R2065075-13	02/02/26 10:54
1016/1260 L10 (500ug/L)	R2065075-14	02/02/26 11:03
Initial Calibration Verification	R2065075-15	02/02/26 11:13
R2065075-16 ICV	R2065075-16	02/02/26 11:22
R2065075-17 ICV	R2065075-17	02/02/26 11:32
R2065075-18 ICV	R2065075-18	02/02/26 11:41
R2065075-19 ICV	R2065075-19	02/02/26 11:50
R2065075-20 ICV	R2065075-20	02/02/26 12:00
WG2194122-1 CCAL	WG2194122-1	04/05/26 10:43
WG2193331-1 BLANK	WG2193331-1	04/05/26 17:32
WG2193331-2 LCS	WG2193331-2	04/05/26 17:41
WG2193331-3 LCSD	WG2193331-3	04/05/26 17:51
MW-1-032726	L2617421-01	04/05/26 18:00
MW-2-032726	L2617421-02	04/05/26 18:10
MW-3R-032726	L2617421-03	04/05/26 18:19
MW-3R-032726 MS	WG2193331-4	04/05/26 18:28
MW-3R-032726 MSD	WG2193331-5	04/05/26 18:38
MW-4R-032726	L2617421-04	04/05/26 18:47
DUP-032726	L2617421-05	04/05/26 18:57

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14021-1
Page: 1

PCB - EPA 8082A (WATER)

Holding Time: 365 days
Container/Sample Preservation: 2 - Amber 1000ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Aroclor 1016	12674-11-2	0.25	0.0156	ug/l	40-140	50	40-140	50	50			
Aroclor 1221	11104-28-2	0.25	0.0221	ug/l	40-140	50	40-140	50	50			
Aroclor 1232	11141-16-5	0.25	0.046	ug/l	40-140	50	40-140	50	50			
Aroclor 1242	53469-21-9	0.25	0.0362	ug/l	40-140	50	40-140	50	50			
Aroclor 1248	12672-29-6	0.25	0.0455	ug/l	40-140	50	40-140	50	50			
Aroclor 1254	11097-69-1	0.25	0.0168	ug/l	40-140	50	40-140	50	50			
Aroclor 1260	11096-82-5	0.25	0.0344	ug/l	40-140	50	40-140	50	50			
Aroclor 1262	37324-23-5	0.25	0.033	ug/l	40-140	30	40-140	50	50			
Aroclor 1268	11100-14-4	0.25	0.0317	ug/l	40-140	30	40-140	50	50			
PCBs, Total	1336-36-3	0.25	0.0156	ug/l				50	50			
2,4,5,6-Tetrachloro-m-xylene	*877-09-8*									*30-150*		
Decachlorobiphenyl	*2051-24-3*									*30-150*		

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 the laboratory.

Date Created: 03/07/23
Created By: Jason Hebert
File: PM14022-1
Page: 1

PCB - EPA 8082A (SOIL)

Holding Time: 365 days
Container/Sample Preservation: 1 - Glass 250ml/8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Aroclor 1016	12674-11-2	50	4.44	ug/kg	40-140	50	40-140	50	50			
Aroclor 1221	11104-28-2	50	5.01	ug/kg	40-140	50	40-140	50	50			
Aroclor 1232	11141-16-5	50	10.6	ug/kg	40-140	50	40-140	50	50			
Aroclor 1242	53469-21-9	50	6.74	ug/kg	40-140	50	40-140	50	50			
Aroclor 1248	12672-29-6	50	7.5	ug/kg	40-140	50	40-140	50	50			
Aroclor 1254	11097-69-1	50	5.47	ug/kg	40-140	50	40-140	50	50			
Aroclor 1260	11096-82-5	50	9.24	ug/kg	40-140	50	40-140	50	50			
Aroclor 1262	37324-23-5	50	6.35	ug/kg	40-140	30	40-140	50	50			
Aroclor 1268	11100-14-4	50	5.18	ug/kg	40-140	30	40-140	50	50			
PCBs, Total	1336-36-3	50	4.44	ug/kg				50	50			
2,4,5,6-Tetrachloro-m-xylene	*877-09-8*									*30-150*		
Decachlorobiphenyl	*2051-24-3*									*30-150*		

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 the laboratory.

Method Detection Limit - Spike Replicates (MDLs)
Pace Analytical Services
Westborough, MA

EPA 608.3, EPA 8082, Liquid Compound	Units	Target Concentration	Mean (x)	% Recovery	Standard Deviation (S)	Number of Replicates	Student t-value (t)	MDLs	LOQ
Aroclor 1016 (Channel A)	ug/l	0.04	0.0353	88%	0.0048	13	2.68099799	0.0128	0.04
Aroclor 1260 (Channel A)	ug/l	0.04	0.0351	88%	0.0057	13	2.68099799	0.0153	0.04
Aroclor 1016 (Channel B)	ug/l	0.04	0.0423	106%	0.0037	13	2.68099799	0.0100	0.04
Aroclor 1260 (Channel B)	ug/l	0.04	0.0341	85%	0.0049	13	2.68099799	0.0132	0.04

Comments: _____

Prep Method: EPA 3510C
Initial Weight / Volume: 100 mL
Final Volume: 1 mL

Aroclor Sample Data

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-01	Date Collected	: 03/27/26 14:00
Client ID	: MW-1-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/05/26 18:00
Sample Matrix	: WATER	Date Extracted	: 04/03/26
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2260405a-27	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-02	Date Collected	: 03/27/26 13:13
Client ID	: MW-2-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/05/26 18:10
Sample Matrix	: WATER	Date Extracted	: 04/03/26
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2260405a-28	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-03	Date Collected	: 03/27/26 11:35
Client ID	: MW-3R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/05/26 18:19
Sample Matrix	: WATER	Date Extracted	: 04/03/26
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2260405a-29	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-04	Date Collected	: 03/27/26 10:40
Client ID	: MW-4R-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/05/26 18:47
Sample Matrix	: WATER	Date Extracted	: 04/03/26
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2260405a-32	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: L2617421-05	Date Collected	: 03/27/26 00:00
Client ID	: DUP-032726	Date Received	: 03/27/26
Sample Location	: SYRACUSE	Date Analyzed	: 04/05/26 18:57
Sample Matrix	: WATER	Date Extracted	: 04/03/26
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2260405a-33	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: C&S Companies	Lab Number	: L2617421
Project Name	: 2026 BROWN MFG PRR	Project Number	: 119.431.042
Lab ID	: WG2193331-1	Date Collected	: NA
Client ID	: WG2193331-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/05/26 17:32
Sample Matrix	: WATER	Date Extracted	: 04/03/26
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2260405a-24	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:00
Operator : pest2:emr
Sample : L2617421-01,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:52 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.162	1.210	467.1E6	492.5E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	94.66%	
	Standard Area 1 : #2 = 527439139				Recovery =	93.37%	
14) i	2154_1br2nb	1.162	1.210	467.1E6	492.5E6	25.000	25.000
23) i	4268_1br2nb	1.162	1.210	467.1E6	492.5E6	25.000	25.000
34) i	1248_1br2nb	1.162	1.210	467.1E6	492.5E6	25.000	25.000
40) i	3262_1br2nb	1.162	1.210	467.1E6	492.5E6	25.000	25.000
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.441	1.571	692.7E6	665.0E6	30.179	25.813
	Spiked Amount 50.000	Range 30 - 150		Recovery =		60.36%	51.63%
3) s	Decachlorobi	3.985	4.451	579.7E6	485.6E6	28.686M4	28.535
	Spiked Amount 50.000	Range 30 - 150		Recovery =		57.37%	57.07%
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D.	N.D.
6) l1	1016-3	0.000	0.000	0	0	N.D.	N.D.
7) l1	1016-4	0.000	0.000	0	0	N.D.	N.D.
8) l1	1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D.	N.D.
10) l2	1260-2	0.000	0.000	0	0	N.D.	N.D.
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D.	N.D.
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:00
Operator : pest2:emr
Sample : L2617421-01,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:52 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D.	N.D.
19) l4	1254-2	0.000	0.000	0	0	N.D.	N.D.
20) l4	1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4	1254-4	0.000	0.000	0	0	N.D.	N.D.
22) l4	1254-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6	1242-3	0.000	0.000	0	0	N.D.	N.D.
27) l6	1242-4	0.000	0.000	0	0	N.D.	N.D.
28) l6	1242-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9	1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D.	N.D.

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:00
Operator : pest2:emr
Sample : L2617421-01,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:52 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36) l7 1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7 1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7 1248-4	0.000	0.000	0	0	N.D.	N.D.
39) l7 1248-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5 1232-3	0.000	0.000	0	0	N.D.	N.D.
44) l5 1232-4	0.000	0.000	0	0	N.D.	N.D.
45) l5 1232-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D.	N.D.
47) l8 1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8 1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8 1262-4	0.000	0.000	0	0	N.D.	N.D.
50) l8 1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:00
Operator : pest2:emr
Sample : L2617421-01,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:52 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

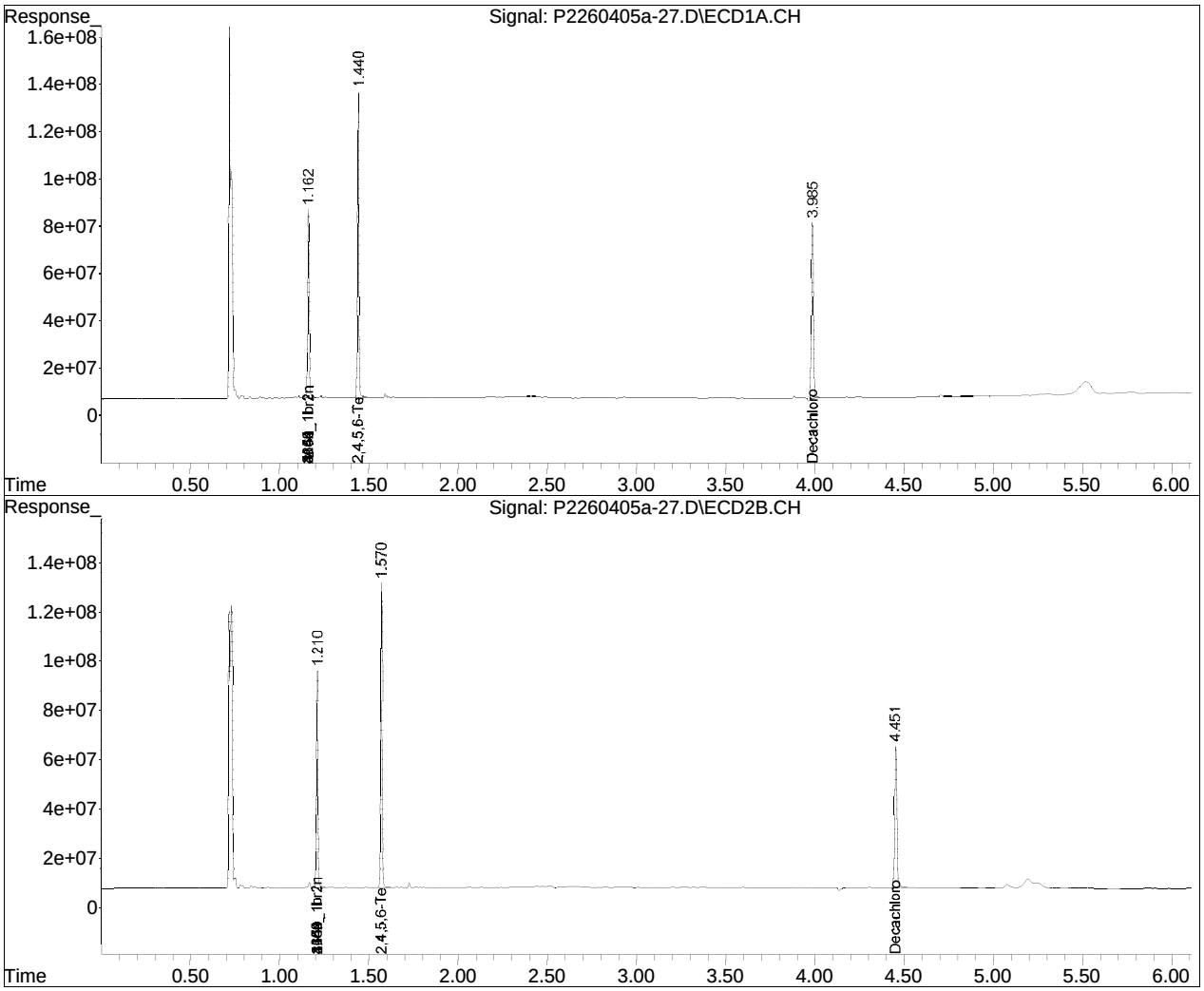
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listedP2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:00
Operator : pest2:emr
Sample : L2617421-01,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:52 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

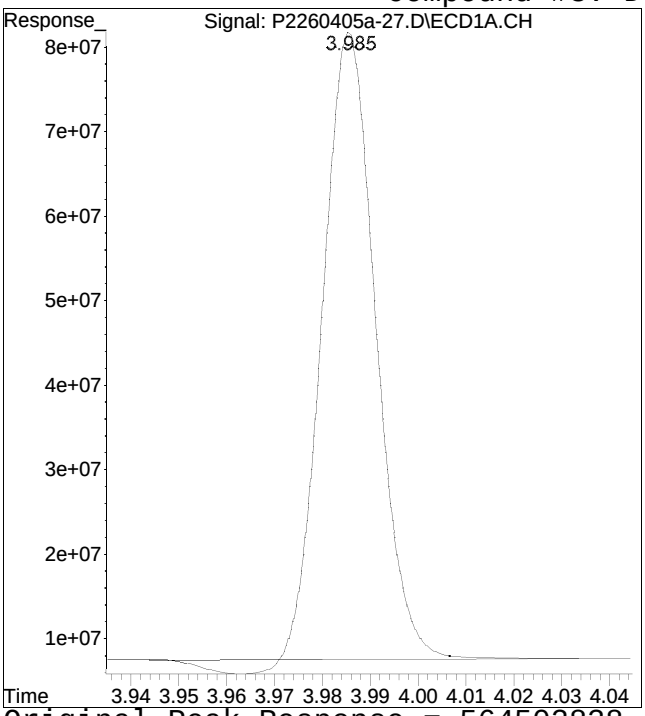
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



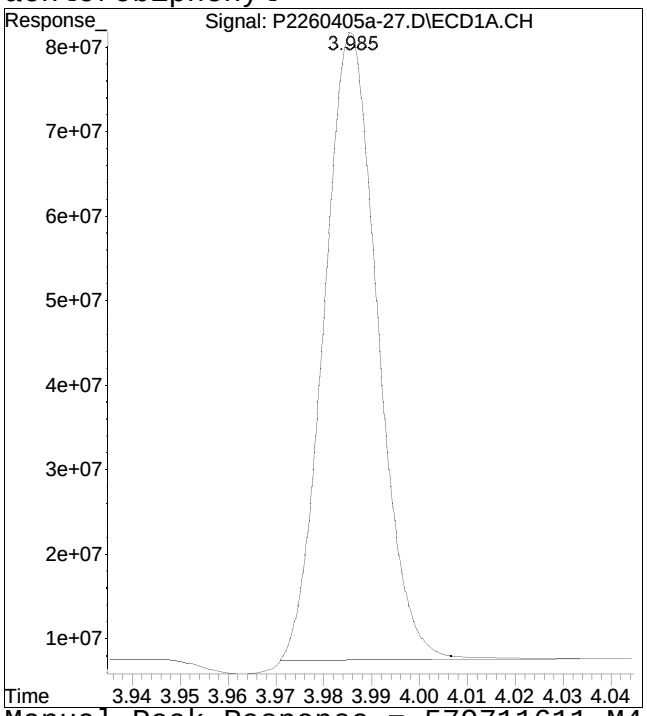
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-27.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:00 Instrument : Pest 2
Sample : L2617421-01,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 564502838



Manual Peak Response = 579711611 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:10
Operator : pest2:emr
Sample : L2617421-02,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:57 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.162	1.210	473.3E6	489.6E6	25.000M4	25.000M4
	Standard Area 1 : #1 = 493439432				Recovery =	95.93%	
	Standard Area 1 : #2 = 527439139				Recovery =	92.82%	
14) i	2154_1br2nb	1.162	1.210	473.3E6	489.6E6	25.000M4	25.000M4
23) i	4268_1br2nb	1.162	1.210	473.3E6	489.6E6	25.000M4	25.000M4
34) i	1248_1br2nb	1.162	1.210	473.3E6	489.6E6	25.000M4	25.000M4
40) i	3262_1br2nb	1.162	1.210	473.3E6	489.6E6	25.000M4	25.000M4
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.441	1.571	635.7E6	631.4E6	27.331	24.654
	Spiked Amount 50.000	Range 30 - 150		Recovery =		54.66%	49.31%
3) s	Decachlorobi	3.985	4.451	540.4E6	483.1E6	26.388M4	28.560M4
	Spiked Amount 50.000	Range 30 - 150		Recovery =		52.78%	57.12%
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D.	N.D.
6) l1	1016-3	0.000	0.000	0	0	N.D.	N.D.
7) l1	1016-4	0.000	0.000	0	0	N.D.	N.D.
8) l1	1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:10
Operator : pest2:emr
Sample : L2617421-02,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:57 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D.	N.D.
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6	1242-3	0.000	0.000	0	0	N.D.	N.D.
27) l6	1242-4	0.000	0.000	0	0	N.D.	N.D.
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9	1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:10
Operator : pest2:emr
Sample : L2617421-02,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:57 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D.	N.D.
36) l7 1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7 1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5 1232-3	0.000	0.000	0	0	N.D.	N.D.
44) l5 1232-4	0.000	0.000	0	0	N.D.	N.D.
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D.	N.D.
47) l8 1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8 1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8 1262-4	0.000	0.000	0	0	N.D.	N.D.
50) l8 1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:10
Operator : pest2:emr
Sample : L2617421-02,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:57 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

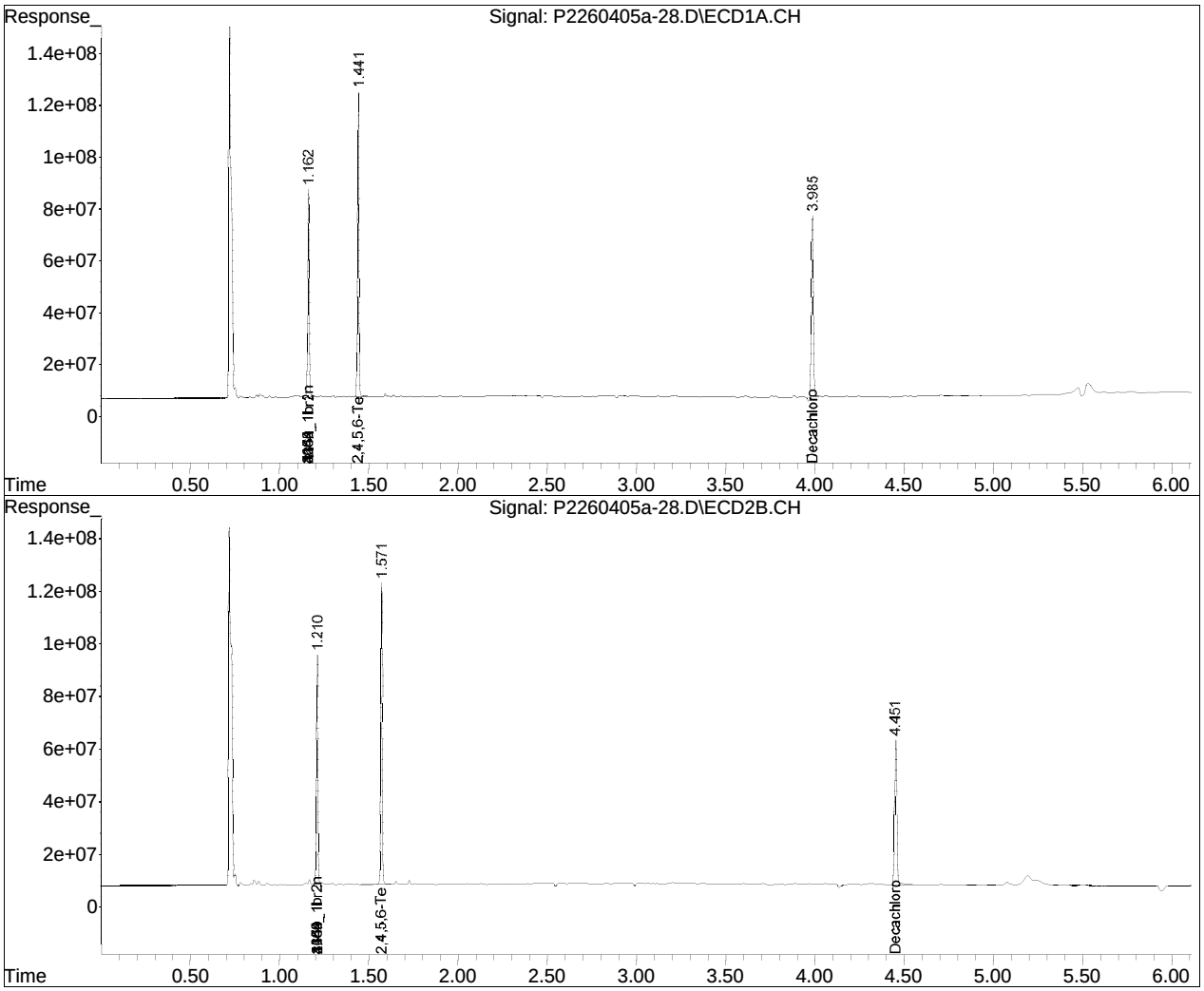
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listedP2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:10
Operator : pest2:emr
Sample : L2617421-02,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:57 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

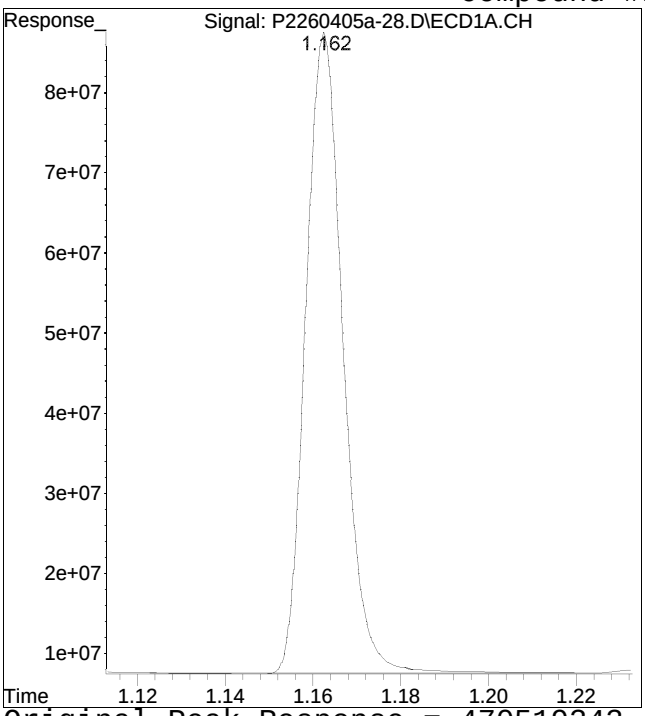
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



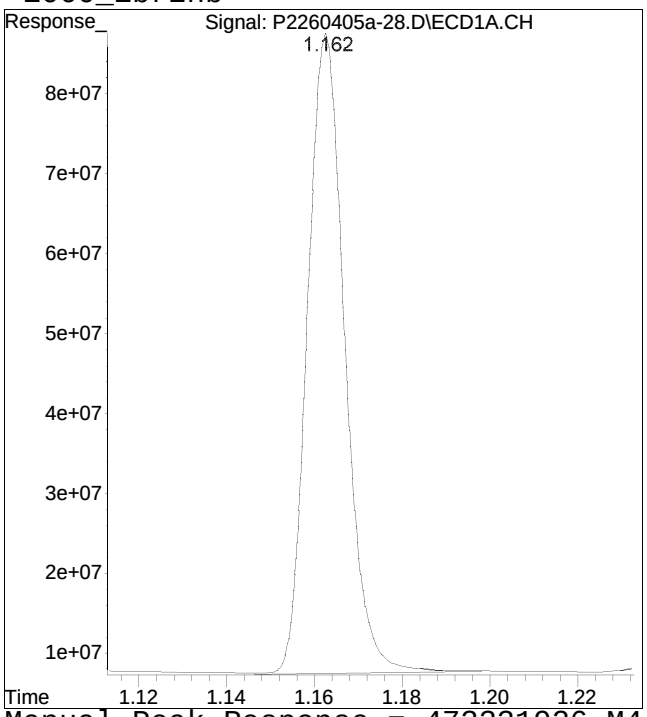
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-28.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:10 Instrument : Pest 2
Sample : L2617421-02,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #1: 1660_1br2nb



Original Peak Response = 470519343
M4 = Baseline adjustment required

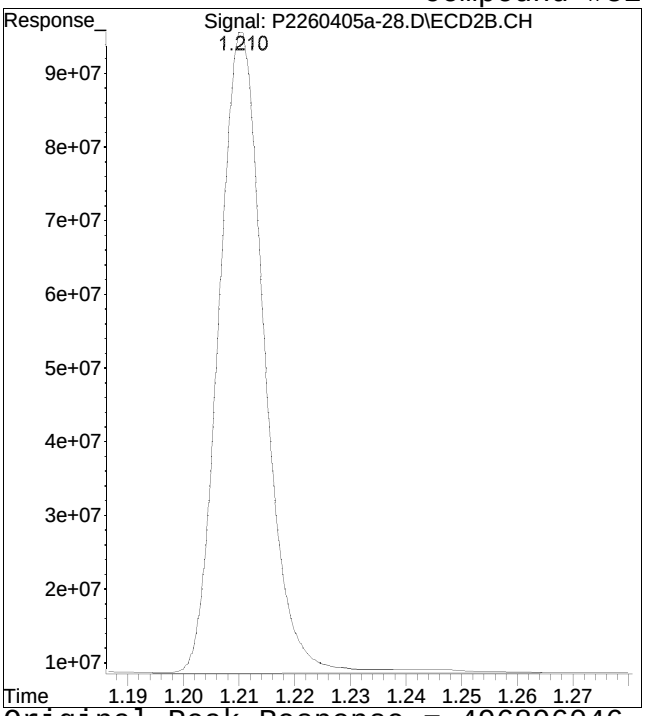


Manual Peak Response = 473331926 M4

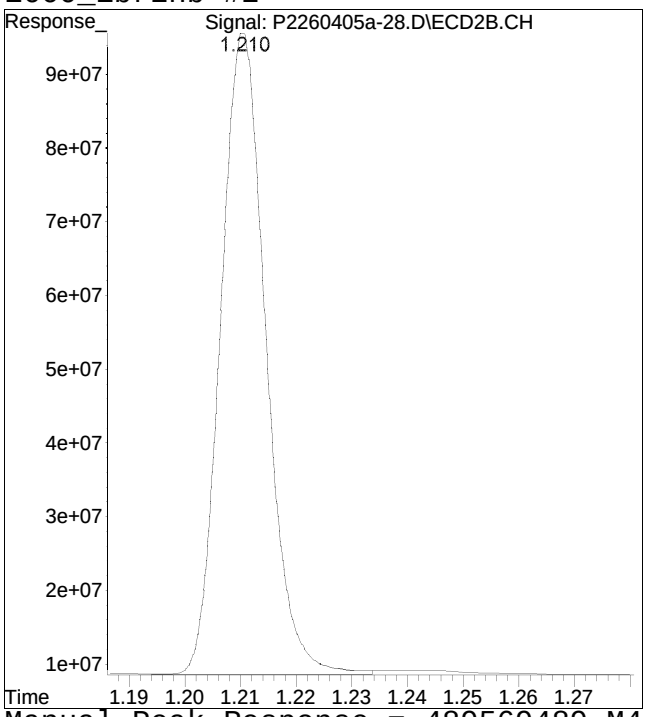
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\Method : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-28.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:10 Instrument : Pest 2
Sample : L2617421-02,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #52: 1660_1br2nb #2



Original Peak Response = 496896046



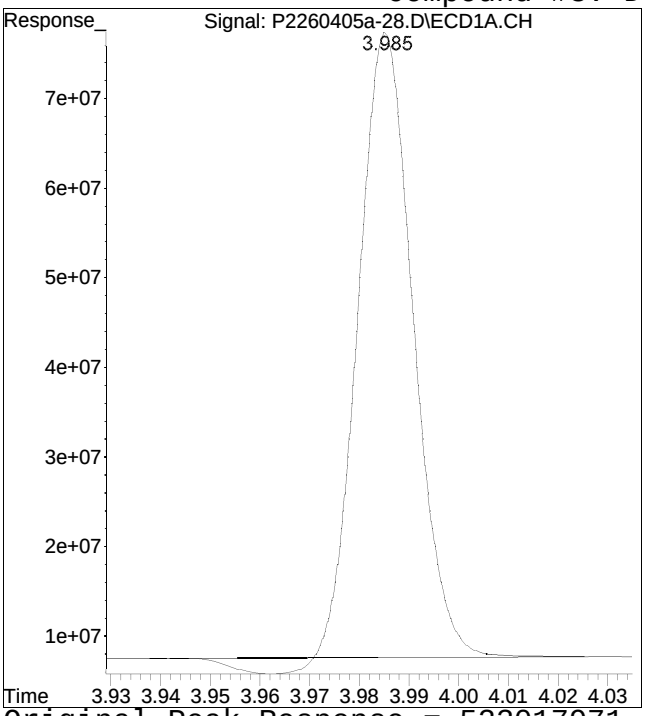
Manual Peak Response = 489569489 M4

M4 = Baseline adjustment required

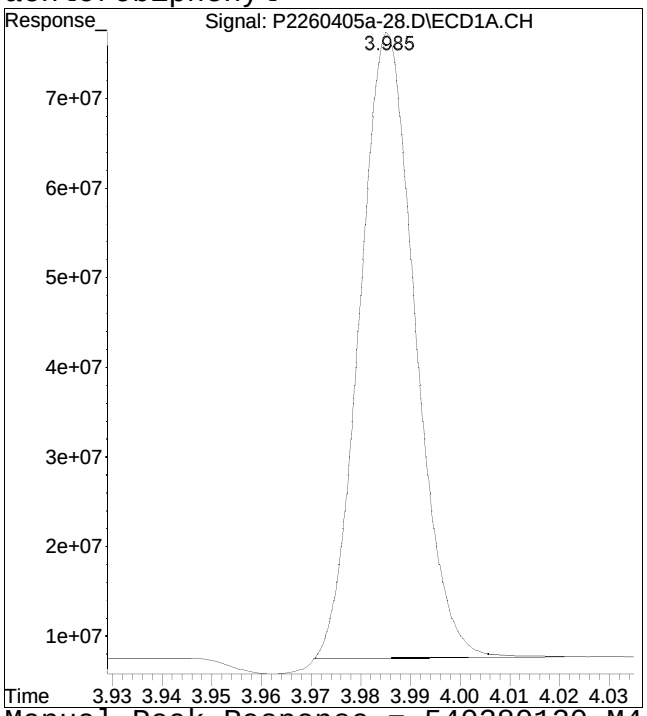
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-28.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:10 Instrument : Pest 2
Sample : L2617421-02,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 523017971



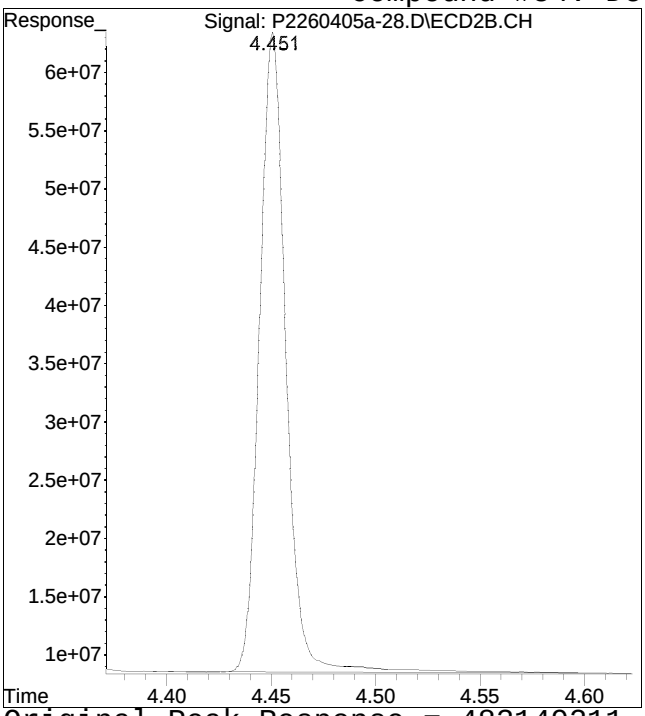
Manual Peak Response = 540380120 M4

M4 = Baseline adjustment required

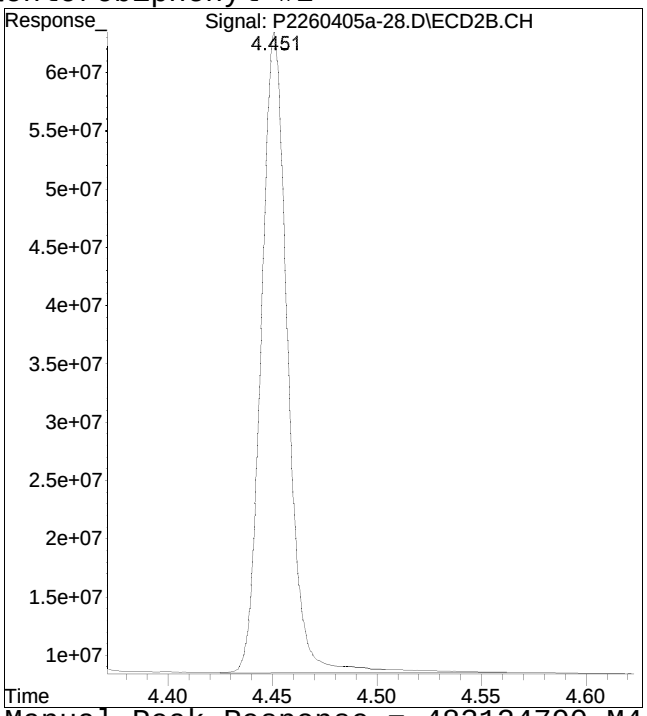
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-28.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:10 Instrument : Pest 2
Sample : L2617421-02,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #54: Decachlorobiphenyl #2



Original Peak Response = 483149211



Manual Peak Response = 483124790 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:19
Operator : pest2:emr
Sample : L2617421-03,42,, rcln p
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:02 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.164	1.212	461.5E6	491.4E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =		93.52%
	Standard Area 1 : #2 = 527439139				Recovery =		93.16%
14) i	2154_1br2nb	1.164	1.212	461.5E6	491.4E6	25.000	25.000
23) i	4268_1br2nb	1.164	1.212	461.5E6	491.4E6	25.000	25.000
34) i	1248_1br2nb	1.164	1.212	461.5E6	491.4E6	25.000	25.000
40) i	3262_1br2nb	1.164	1.212	461.5E6	491.4E6	25.000	25.000
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.442	1.572	725.9E6	708.1E6	32.009	27.548
	Spiked Amount 50.000	Range 30 - 150		Recovery =		64.02%	55.10%
3) s	Decachlorobi	3.986	4.452	475.2E6	407.9E6	23.803M4	24.022
	Spiked Amount 50.000	Range 30 - 150		Recovery =		47.61%	48.04%
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D.	N.D.
6) l1	1016-3	0.000	0.000	0	0	N.D.	N.D.
7) l1	1016-4	0.000	0.000	0	0	N.D.	N.D.
8) l1	1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D.	N.D.
10) l2	1260-2	0.000	0.000	0	0	N.D.	N.D.
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D.	N.D.
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:19
Operator : pest2:emr
Sample : L2617421-03,42,, rcln p
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:02 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D.	N.D.
19) l4	1254-2	0.000	0.000	0	0	N.D.	N.D.
20) l4	1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4	1254-4	0.000	0.000	0	0	N.D.	N.D.
22) l4	1254-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6	1242-3	0.000	0.000	0	0	N.D.	N.D.
27) l6	1242-4	0.000	0.000	0	0	N.D.	N.D.
28) l6	1242-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9	1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:19
Operator : pest2:emr
Sample : L2617421-03,42,, rcln p
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:02 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36) l7	1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7	1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7	1248-4	0.000	0.000	0	0	N.D.	N.D.
39) l7	1248-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5	1232-3	0.000	0.000	0	0	N.D.	N.D.
44) l5	1232-4	0.000	0.000	0	0	N.D.	N.D.
45) l5	1232-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D.	N.D.
47) l8	1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8	1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8	1262-4	0.000	0.000	0	0	N.D.	N.D.
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:19
Operator : pest2:emr
Sample : L2617421-03,42,, rcln p
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:02 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

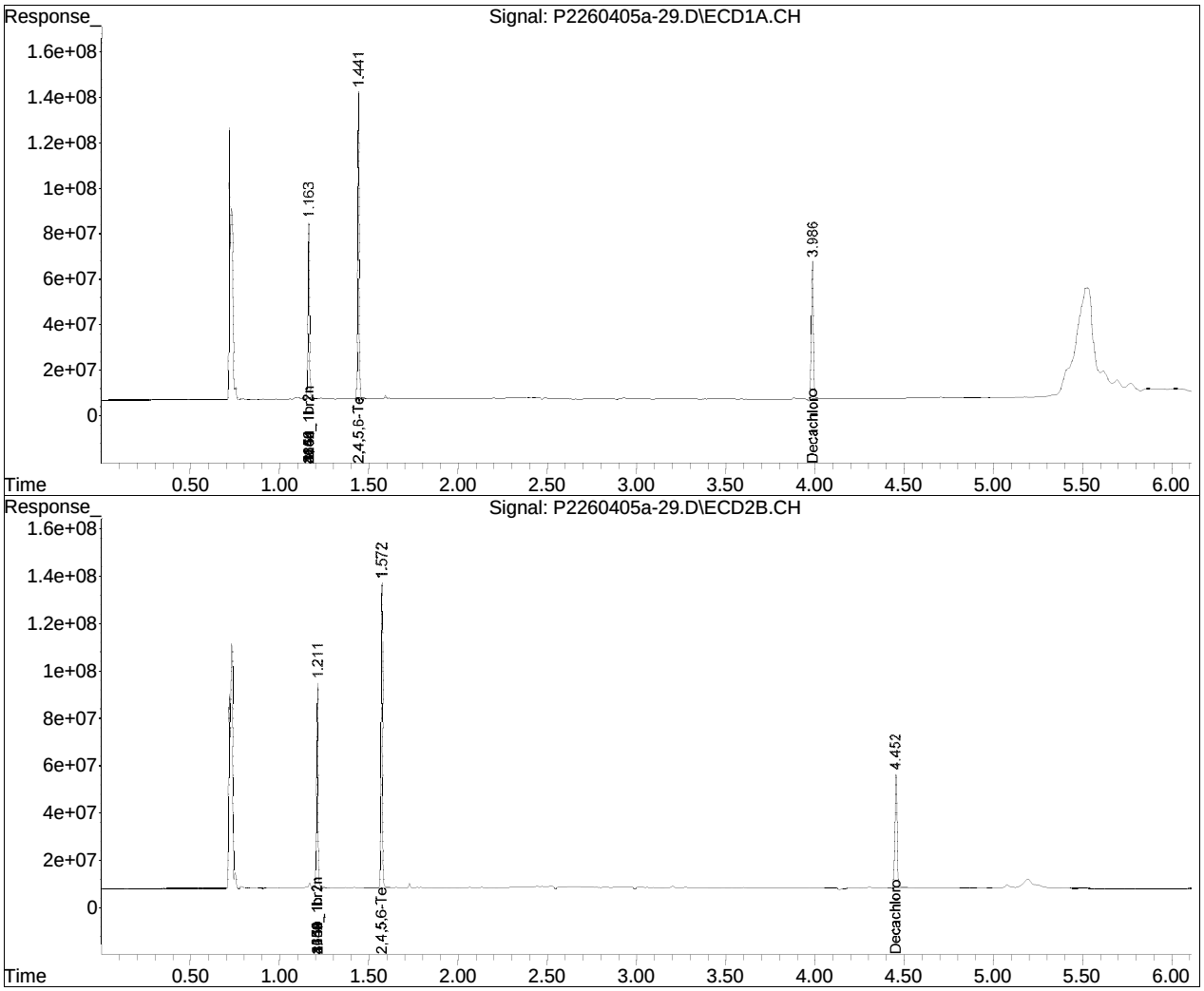
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listedP2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:19
Operator : pest2:emr
Sample : L2617421-03,42,, rcln p
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:02 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

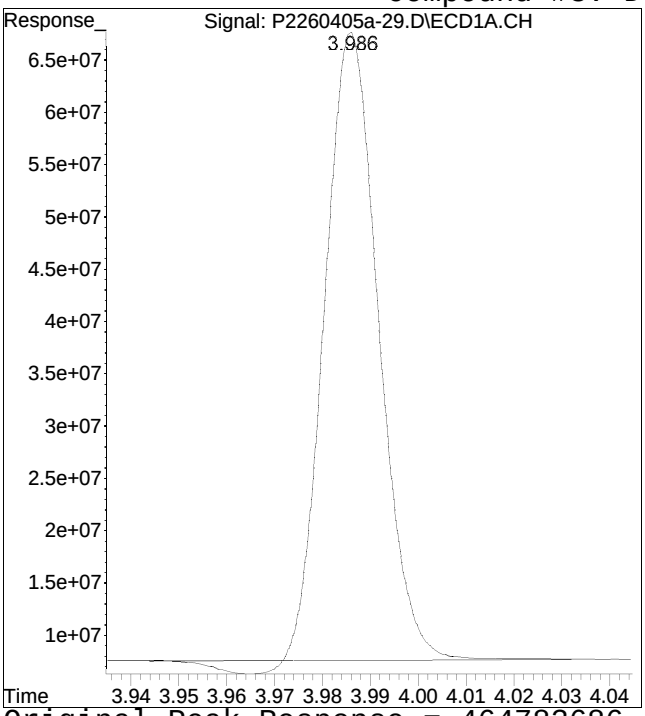
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



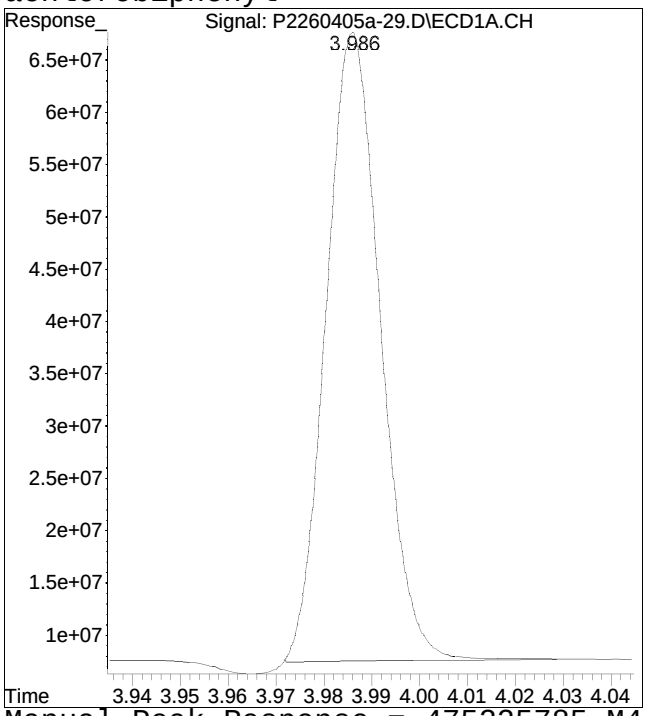
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-29.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:19 Instrument : Pest 2
Sample : L2617421-03,42,, rcln p Quant Date : 4/6/2026 9:37 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 464783686



Manual Peak Response = 475225785 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-32.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:47
Operator : pest2:emr
Sample : L2617421-04,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:45 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.164	1.212	502.8E6	536.1E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	101.90%	
	Standard Area 1 : #2 = 527439139				Recovery =	101.65%	
14) i	2154_1br2nb	1.164	1.212	502.8E6	536.1E6	25.000	25.000
23) i	4268_1br2nb	1.164	1.212	502.8E6	536.1E6	25.000	25.000
34) i	1248_1br2nb	1.164	1.212	502.8E6	536.1E6	25.000	25.000
40) i	3262_1br2nb	1.164	1.212	502.8E6	536.1E6	25.000	25.000
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.442	1.573	617.8E6	618.3E6	25.004	22.045
	Spiked Amount 50.000	Range 30 - 150		Recovery =		50.01%	44.09%
3) s	Decachlorobi	3.987	4.452	431.5E6	404.2E6	19.834M4	21.819M4
	Spiked Amount 50.000	Range 30 - 150		Recovery =		39.67%	43.64%
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D.	N.D.
6) l1	1016-3	0.000	0.000	0	0	N.D.	N.D.
7) l1	1016-4	0.000	0.000	0	0	N.D.	N.D.
8) l1	1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D.	N.D.
10) l2	1260-2	0.000	0.000	0	0	N.D.	N.D.
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D.	N.D.
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-32.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:47
Operator : pest2:emr
Sample : L2617421-04,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:45 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-1			0	0	N.D.	N.D.
Average 1221-1					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D.	N.D.
19) l4 1254-2	0.000	0.000	0	0	N.D.	N.D.
20) l4 1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4 1254-4	0.000	0.000	0	0	N.D.	N.D.
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6 1242-3	0.000	0.000	0	0	N.D.	N.D.
27) l6 1242-4	0.000	0.000	0	0	N.D.	N.D.
28) l6 1242-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9 1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9 1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9 1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D.	N.D.

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-32.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:47
Operator : pest2:emr
Sample : L2617421-04,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:45 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36) l7	1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7	1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7	1248-4	0.000	0.000	0	0	N.D.	N.D.
39) l7	1248-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5	1232-3	0.000	0.000	0	0	N.D.	N.D.
44) l5	1232-4	0.000	0.000	0	0	N.D.	N.D.
45) l5	1232-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D.	N.D.
47) l8	1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8	1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8	1262-4	0.000	0.000	0	0	N.D.	N.D.
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-32.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:47
Operator : pest2:emr
Sample : L2617421-04,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:45 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

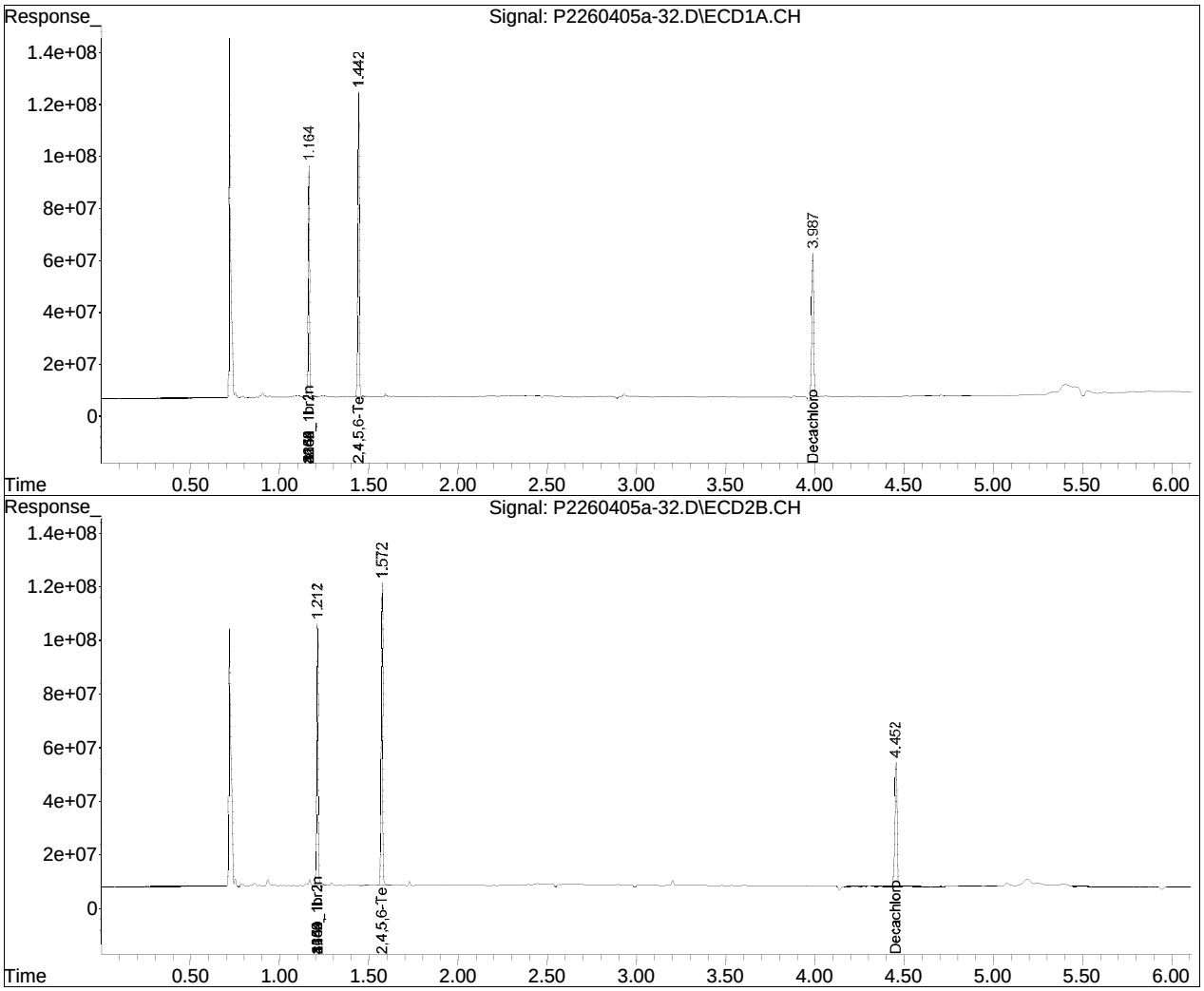
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listedP2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-32.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:47
Operator : pest2:emr
Sample : L2617421-04,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:45 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

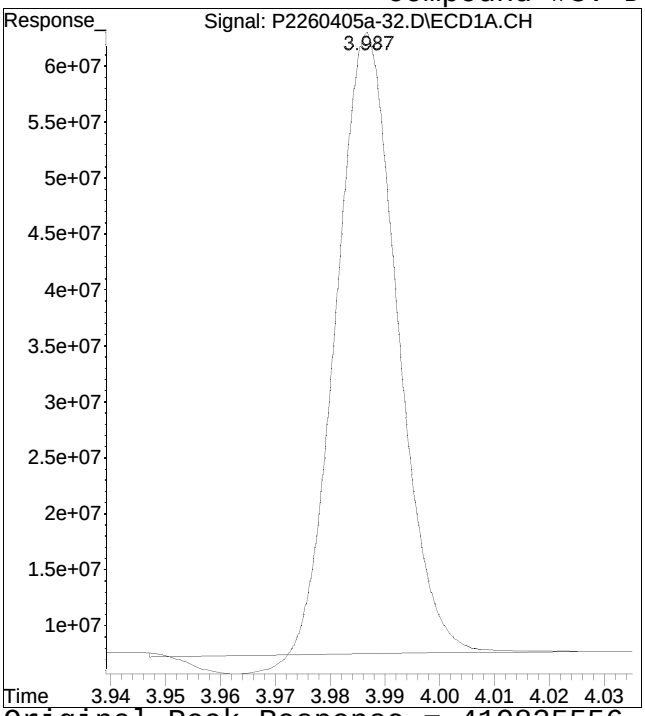
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



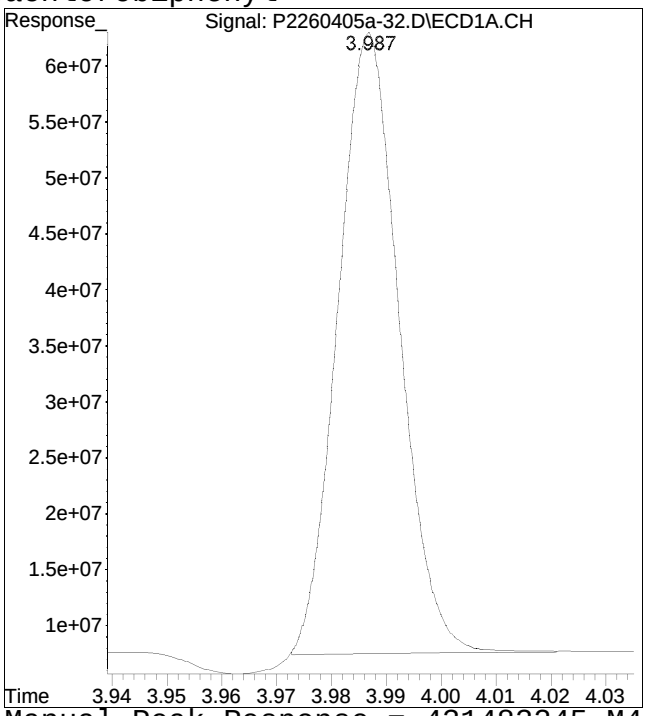
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-32.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:47 Instrument : Pest 2
Sample : L2617421-04,42,, rcln Quant Date : 4/6/2026 9:37 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 419835556



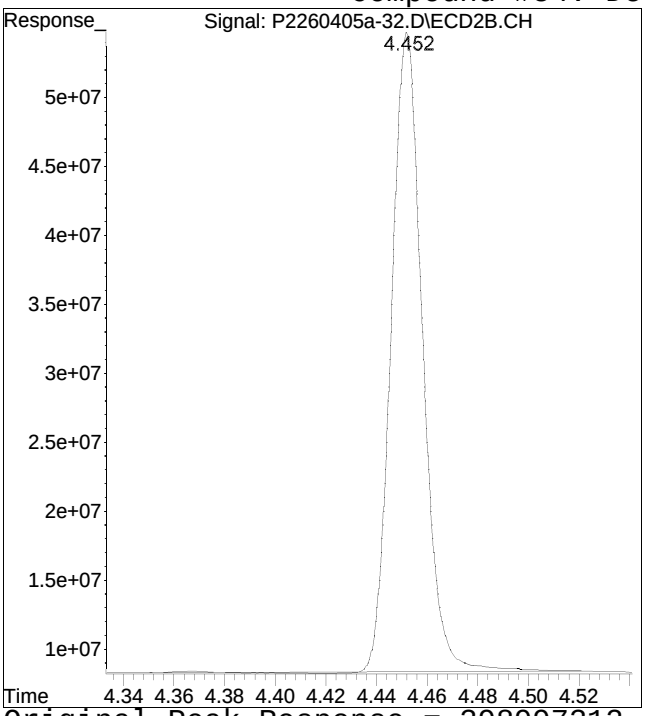
Manual Peak Response = 431483245 M4

M4 = Baseline adjustment required

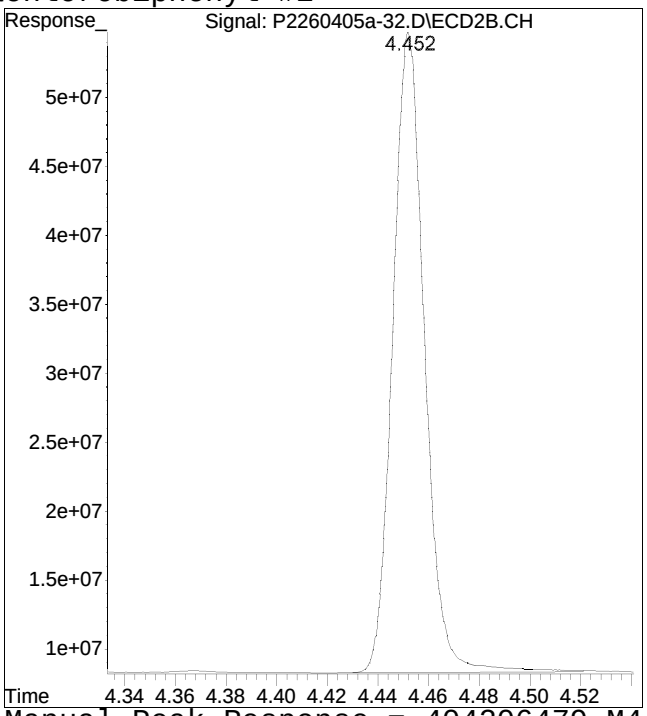
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-32.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:47 Instrument : Pest 2
Sample : L2617421-04,42,, rcln Quant Date : 4/6/2026 9:37 am

Compound #54: Decachlorobiphenyl #2



Original Peak Response = 398997312



Manual Peak Response = 404206479 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-33.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:57
Operator : pest2:emr
Sample : L2617421-05,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 33 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:50 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.164	1.212	415.0E6	473.2E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	84.10%	
	Standard Area 1 : #2 = 527439139				Recovery =	89.72%	
14) i	2154_1br2nb	1.164	1.212	415.0E6	473.2E6	25.000	25.000
23) i	4268_1br2nb	1.164	1.212	415.0E6	473.2E6	25.000	25.000
34) i	1248_1br2nb	1.164	1.212	415.0E6	473.2E6	25.000	25.000
40) i	3262_1br2nb	1.164	1.212	415.0E6	473.2E6	25.000	25.000
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.442	1.573	715.4E6	716.4E6	35.079	28.937
	Spiked Amount 50.000	Range 30 - 150		Recovery =		70.16%	57.87%
3) s	Decachlorobi	3.986	4.453	454.1E6	402.9E6	25.290M4	24.642
	Spiked Amount 50.000	Range 30 - 150		Recovery =		50.58%	49.28%
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D.	N.D.
6) l1	1016-3	0.000	0.000	0	0	N.D.	N.D.
7) l1	1016-4	0.000	0.000	0	0	N.D.	N.D.
8) l1	1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D.	N.D.
10) l2	1260-2	0.000	0.000	0	0	N.D.	N.D.
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D.	N.D.
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-33.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:57
Operator : pest2:emr
Sample : L2617421-05,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 33 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:50 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-1			0	0	N.D.	N.D.
Average 1221-1					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D.	N.D.
19) l4 1254-2	0.000	0.000	0	0	N.D.	N.D.
20) l4 1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4 1254-4	0.000	0.000	0	0	N.D.	N.D.
22) l4 1254-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6 1242-3	0.000	0.000	0	0	N.D.	N.D.
27) l6 1242-4	0.000	0.000	0	0	N.D.	N.D.
28) l6 1242-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9 1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9 1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9 1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D.	N.D.

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-33.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:57
Operator : pest2:emr
Sample : L2617421-05,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 33 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:50 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36) l7 1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7 1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7 1248-4	0.000	0.000	0	0	N.D.	N.D.
39) l7 1248-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5 1232-3	0.000	0.000	0	0	N.D.	N.D.
44) l5 1232-4	0.000	0.000	0	0	N.D.	N.D.
45) l5 1232-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D.	N.D.
47) l8 1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8 1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8 1262-4	0.000	0.000	0	0	N.D.	N.D.
50) l8 1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-33.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:57
Operator : pest2:emr
Sample : L2617421-05,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 33 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:50 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

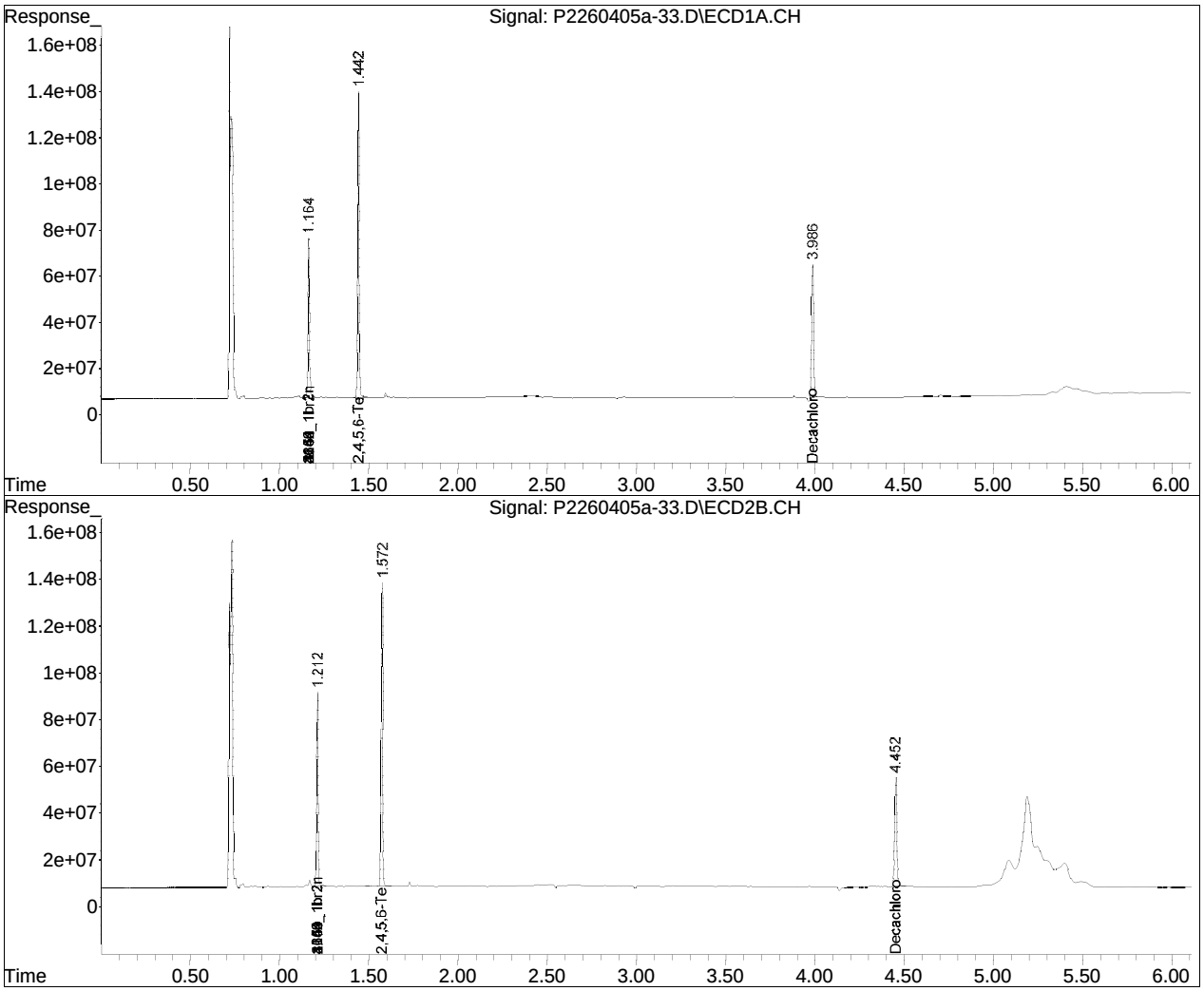
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listedP2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-33.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:57
Operator : pest2:emr
Sample : L2617421-05,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 33 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:50 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

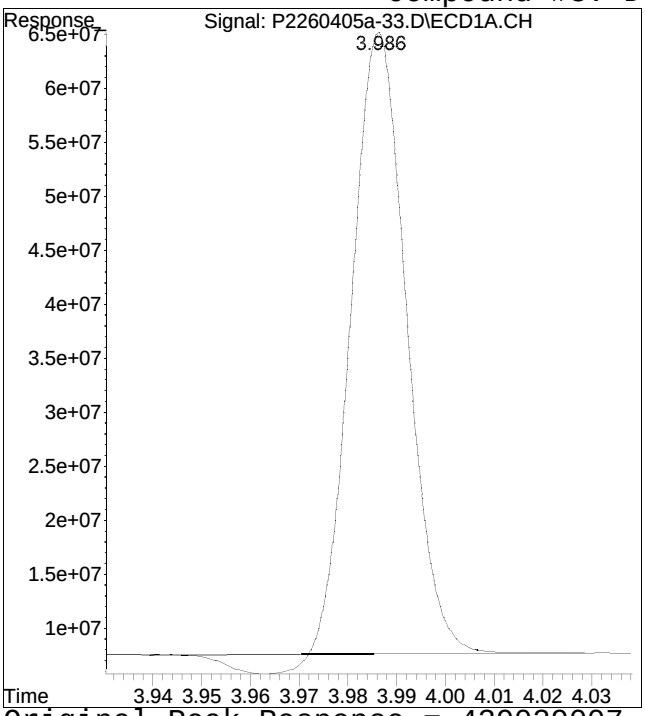
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



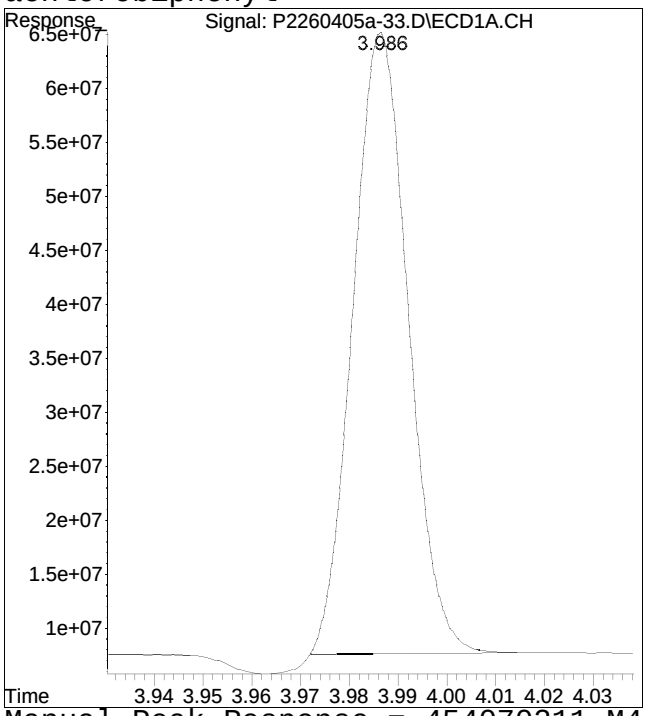
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-33.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:57 Instrument : Pest 2
Sample : L2617421-05,42,, rcln Quant Date : 4/6/2026 9:37 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 439029007
M4 = Baseline adjustment required



Manual Peak Response = 454070211 M4

Aroclor Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
PCBs

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: PEST2**	**Ical Ref**	**: ICAL23029**
Calibration dates	**: 02/02/26 09:01 02/02/26 11:13**		

Calibration Files

L1 =P2260202i-08.D L2 =P2260202i-09.D L3 =P2260202i-10.D L4 =P2260202i-11.D L5 =P2260202i-12.D

L6 =P2260202i-13.D L7 =P2260202i-14.D L8 =P2260202i-15.D L9 =P2260202i-16.D L10 =P2260202i-17.D

L11 =P2260202i-18.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	Avg	%RSD
1)	i	1660_1br2nb	----------ISTD----------												
2)	s	2,4,5,6-Tetrachloro-m-xylene	1.267	1.194	1.136	1.125	1.191	1.222	1.237	1.247	1.337	1.296	1.263	1.229	5.23
3)	s	Decachlorobiphenyl	1.287	1.137	1.080	1.039	1.060	1.085	1.086	1.038	1.067	1.025	0.994	1.082	7.20
4)	l	1016-1	0.024	0.022	0.021	0.020	0.021	0.021	0.021	0.020	0.020	0.019	0.018	0.021	7.36
5)	l	1016-2	0.055	0.051	0.049	0.048	0.050	0.050	0.050	0.048	0.049	0.046	0.043	0.049	6.25
6)	l	1016-3	0.109	0.102	0.096	0.094	0.099	0.101	0.101	0.100	0.106	0.103	0.099	0.101	4.15
7)	l	1016-4	0.043	0.041	0.037	0.039	0.040	0.041	0.041	0.040	0.042	0.040	0.039	0.040	4.35
8)	l	1016-5	0.047	0.044	0.042	0.039	0.042	0.043	0.042	0.041	0.043	0.042	0.041	0.042	4.88
9)	l	1260-1	0.071	0.066	0.062	0.060	0.062	0.064	0.064	0.062	0.065	0.062	0.060	0.064	4.80
10)	l	1260-2	0.102	0.104	0.096	0.095	0.100	0.103	0.102	0.099	0.103	0.099	0.095	0.100	3.16
11)	l	1260-3	0.048	0.046	0.039	0.049	0.051	0.053	0.052	0.051	0.054	0.053	0.052	0.050	8.83
12)	l	1260-4	0.114	0.111	0.101	0.107	0.112	0.116	0.115	0.115	0.122	0.120	0.116	0.114	5.12
13)	l	1260-5	0.086	0.090	0.077	0.081	0.083	0.086	0.086	0.084	0.089	0.087	0.086	0.085	4.32
14)	i	2154_1br2nb	----------ISTD----------												
15)	l	1221-1									0.011			0.011	0.00
16)	l	1221-2									0.007			0.007	0.00
17)	l	1221-3									0.027			0.027	0.00
18)	l	1254-1									0.040			0.040	0.00
19)	l	1254-2									0.074			0.074	0.00
20)	l	1254-3									0.075			0.075	0.00
21)	l	1254-4									0.054			0.054	0.00
22)	l	1254-5									0.073			0.073	0.00
23)	i	4268_1br2nb	----------ISTD----------												
24)	l	1242-1									0.015			0.015	0.00
25)	l	1242-2									0.035			0.035	0.00
26)	l	1242-3									0.073			0.073	0.00
27)	l	1242-4									0.030			0.030	0.00
28)	l	1242-5									0.024			0.024	0.00
29)	l	1268-1									0.160			0.160	0.00
30)	l	1268-2									0.161			0.161	0.00
31)	l	1268-3									0.114			0.114	0.00
32)	l	1268-4									0.047			0.047	0.00
33)	l	1268-5									0.318			0.318	0.00
34)	i	1248_1br2nb	----------ISTD----------												
35)	l	1248-1									0.053			0.053	0.00
36)	l	1248-2									0.058			0.058	0.00

Initial Calibration Summary
Form 6
PCBs

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: PEST2**	**Ical Ref**	**: ICAL23029**
Calibration dates	**: 02/02/26 09:01 02/02/26 11:13**		

Calibration Files

L1 =P2260202i-08.D L2 =P2260202i-09.D L3 =P2260202i-10.D L4 =P2260202i-11.D L5 =P2260202i-12.D

L6 =P2260202i-13.D L7 =P2260202i-14.D L8 =P2260202i-15.D L9 =P2260202i-16.D L10 =P2260202i-17.D

L11 =P2260202i-18.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	Avg	%RSD
37)	l	1248-3									0.052			0.052	0.00
38)	l	1248-4									0.047			0.047	0.00
39)	l	1248-5									0.049			0.049	0.00
40)	i	3262_1br2nb	----------ISTD----------												
41)	l	1232-1									0.023			0.023	0.00
42)	l	1232-2									0.018			0.018	0.00
43)	l	1232-3									0.040			0.040	0.00
44)	l	1232-4									0.016			0.016	0.00
45)	l	1232-5									0.013			0.013	0.00
46)	l	1262-1									0.060			0.060	0.00
47)	l	1262-2									0.077			0.077	0.00
48)	l	1262-3									0.068			0.068	0.00
49)	l	1262-4									0.139			0.139	0.00
50)	l	1262-5									0.045			0.045	0.00
		*** Signal #2 ***													
1)	i	1660_1br2nb	----------ISTD----------												
2)	s	2,4,5,6-Tetrachloro-m-xylene	1.453	1.409	1.303	1.247	1.295	1.326	1.319	1.288	1.330	1.255	1.162	1.308	5.95
3)	s	Decachlorobiphenyl	1.106	1.056	0.881	0.810	0.860	0.862	0.873	0.814	0.757	0.731	0.752	0.864	13.87
4)	l	1016-1	0.032	0.027	0.028	0.024	0.024	0.024	0.024	0.023	0.022	0.021	0.019	0.024	14.51
5)	l	1016-2	0.063	0.055	0.057	0.054	0.056	0.057	0.055	0.053	0.051	0.050	0.045	0.054	8.32
6)	l	1016-3	0.139	0.120	0.114	0.108	0.111	0.113	0.112	0.107	0.108	0.102	0.094	0.112	10.23
7)	l	1016-4	0.051	0.050	0.045	0.043	0.045	0.045	0.045	0.043	0.043	0.041	0.038	0.044	8.62
8)	l	1016-5	0.034	0.034	0.032	0.032	0.034	0.034	0.034	0.033	0.033	0.031	0.029	0.033	4.88
9)	l	1260-1	0.068	0.069	0.069	0.069	0.073	0.074	0.074	0.069	0.068	0.065	0.059	0.069	6.27
10)	l	1260-2	0.085	0.082	0.084	0.073	0.082	0.083	0.082	0.077	0.075	0.071	0.066	0.078	7.94
11)	l	1260-3	0.069	0.061	0.057	0.051	0.059	0.059	0.059	0.055	0.055	0.054	0.052	0.057	8.46
12)	l	1260-4	0.123	0.112	0.109	0.101	0.112	0.109	0.111	0.103	0.109	0.104	0.102	0.109	5.70
13)	l	1260-5	0.086	0.080	0.077	0.066	0.075	0.077	0.080	0.077	0.075	0.073	0.073	0.076	6.51
14)	i	2154_1br2nb	----------ISTD----------												
15)	l	1221-1									0.012			0.012	0.00
16)	l	1221-2									0.007			0.007	0.00
17)	l	1221-3									0.028			0.028	0.00
18)	l	1254-1									0.022			0.022	0.00
19)	l	1254-2									0.050			0.050	0.00
20)	l	1254-3									0.079			0.079	0.00
21)	l	1254-4									0.052			0.052	0.00

Initial Calibration Summary
Form 6
PCBs

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**
Instrument ID	**: PEST2**	**Ical Ref**	**: ICAL23029**
Calibration dates	**: 02/02/26 09:01 02/02/26 11:13**		

Calibration Files

L1 =P2260202i-08.D L2 =P2260202i-09.D L3 =P2260202i-10.D L4 =P2260202i-11.D L5 =P2260202i-12.D
L6 =P2260202i-13.D L7 =P2260202i-14.D L8 =P2260202i-15.D L9 =P2260202i-16.D L10 =P2260202i-17.D
L11 =P2260202i-18.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	Avg	%RSD
22) l	1254-5									0.068			0.068	0.00
23) i	4268_1br2nb	----------ISTD----------												
24) l	1242-1									0.016			0.016	0.00
25) l	1242-2									0.036			0.036	0.00
26) l	1242-3									0.071			0.071	0.00
27) l	1242-4									0.028			0.028	0.00
28) l	1242-5									0.023			0.023	0.00
29) l	1268-1									0.128			0.128	0.00
30) l	1268-2									0.135			0.135	0.00
31) l	1268-3									0.092			0.092	0.00
32) l	1268-4									0.039			0.039	0.00
33) l	1268-5									0.224			0.224	0.00
34) i	1248_1br2nb	----------ISTD----------												
35) l	1248-1									0.054			0.054	0.00
36) l	1248-2									0.029			0.029	0.00
37) l	1248-3									0.037			0.037	0.00
38) l	1248-4									0.044			0.044	0.00
39) l	1248-5									0.053			0.053	0.00
40) i	3262_1br2nb	----------ISTD----------												
41) l	1232-1									0.024			0.024	0.00
42) l	1232-2									0.020			0.020	0.00
43) l	1232-3									0.041			0.041	0.00
44) l	1232-4									0.016			0.016	0.00
45) l	1232-5									0.013			0.013	0.00
46) l	1262-1									0.047			0.047	0.00
47) l	1262-2									0.066			0.066	0.00
48) l	1262-3									0.060			0.060	0.00
49) l	1262-4									0.112			0.112	0.00
50) l	1262-5									0.038			0.038	0.00

Response Factor Report Pest 2

Method Path : I:\PCB\Pest2\2026\260202I\
Method File : P2_PCB_02_02_26_iRVT_ICAL.m
Title : pcb
Last Update : Wed Feb 04 14:27:00 2026
Response Via : Initial Calibration

Calibration Files
L1 =P2260202i-08.D L2 =P2260202i-09.D L3 =P2260202i-10.D L4 =P2260202i-11.D L5 =P2260202i-12.D
L6 =P2260202i-13.D L7 =P2260202i-14.D L8 =P2260202i-15.D L9 =P2260202i-16.D L10 =P2260202i-17.D
L11 =P2260202i-18.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	Avg	%RSD
1)	i	1660_1br2nb	----------ISTD----------												
2)	s	2,4,5,6-Tetrachloro-m-xylene	1.267	1.194	1.136	1.125	1.191	1.222	1.237	1.247	1.337	1.296	1.263	1.229	5.23
3)	s	Decachlorobiphenyl	1.287	1.137	1.080	1.039	1.060	1.085	1.086	1.038	1.067	1.025	0.994	1.082	7.20
4)	l	1016-1	0.024	0.022	0.021	0.020	0.021	0.021	0.021	0.020	0.020	0.019	0.018	0.021	7.36
5)	l	1016-2	0.055	0.051	0.049	0.048	0.050	0.050	0.050	0.048	0.049	0.046	0.043	0.049	6.25
6)	l	1016-3	0.109	0.102	0.096	0.094	0.099	0.101	0.101	0.100	0.106	0.103	0.099	0.101	4.15
7)	l	1016-4	0.043	0.041	0.037	0.039	0.040	0.041	0.041	0.040	0.042	0.040	0.039	0.040	4.35
8)	l	1016-5	0.047	0.044	0.042	0.039	0.042	0.043	0.042	0.041	0.043	0.042	0.041	0.042	4.88
9)	l	1260-1	0.071	0.066	0.062	0.060	0.062	0.064	0.064	0.062	0.065	0.062	0.060	0.064	4.80
10)	l	1260-2	0.102	0.104	0.096	0.095	0.100	0.103	0.102	0.099	0.103	0.099	0.095	0.100	3.16
11)	l	1260-3	0.048	0.046	0.039	0.049	0.051	0.053	0.052	0.051	0.054	0.053	0.052	0.050	8.83
12)	l	1260-4	0.114	0.111	0.101	0.107	0.112	0.116	0.115	0.115	0.122	0.120	0.116	0.114	5.12
13)	l	1260-5	0.086	0.090	0.077	0.081	0.083	0.086	0.086	0.084	0.089	0.087	0.086	0.085	4.32
14)	i	2154_1br2nb	----------ISTD----------												
15)	l	1221-1									0.011			0.011	0.00
16)	l	1221-2									0.007			0.007	0.00
17)	l	1221-3									0.027			0.027	0.00
18)	l	1254-1									0.040			0.040	0.00
19)	l	1254-2									0.074			0.074	0.00
20)	l	1254-3									0.075			0.075	0.00
21)	l	1254-4									0.054			0.054	0.00
22)	l	1254-5									0.073			0.073	0.00
23)	i	4268_1br2nb	----------ISTD----------												
24)	l	1242-1									0.015			0.015	0.00
25)	l	1242-2									0.035			0.035	0.00
26)	l	1242-3									0.073			0.073	0.00
27)	l	1242-4									0.030			0.030	0.00
28)	l	1242-5									0.024			0.024	0.00
29)	l	1268-1									0.160			0.160	0.00
30)	l	1268-2									0.161			0.161	0.00
31)	l	1268-3									0.114			0.114	0.00
32)	l	1268-4									0.047			0.047	0.00
33)	l	1268-5									0.318			0.318	0.00
34)	i	1248_1br2nb	----------ISTD----------												
35)	l	1248-1									0.053			0.053	0.00
36)	l	1248-2									0.058			0.058	0.00
37)	l	1248-3									0.052			0.052	0.00
38)	l	1248-4									0.047			0.047	0.00
39)	l	1248-5									0.049			0.049	0.00
40)	i	3262_1br2nb	----------ISTD----------												
41)	l	1232-1									0.023			0.023	0.00
42)	l	1232-2									0.018			0.018	0.00
43)	l	1232-3									0.040			0.040	0.00
44)	l	1232-4									0.016			0.016	0.00
45)	l	1232-5									0.013			0.013	0.00

Response Factor Report Pest 2

Method Path : I:\PCB\Pest2\2026\260202I\
Method File : P2_PCB_02_02_26_iRVT_ICAL.m
Title : pcb
Last Update : Wed Feb 04 14:27:00 2026
Response Via : Initial Calibration

Calibration Files
L1 =P2260202i-08.D L2 =P2260202i-09.D L3 =P2260202i-10.D L4 =P2260202i-11.D L5 =P2260202i-12.D
L6 =P2260202i-13.D L7 =P2260202i-14.D L8 =P2260202i-15.D L9 =P2260202i-16.D L10 =P2260202i-17.D
L11 =P2260202i-18.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	Avg	%RSD
46) l	1262-1									0.060			0.060	0.00
47) l	1262-2									0.077			0.077	0.00
48) l	1262-3									0.068			0.068	0.00
49) l	1262-4									0.139			0.139	0.00
50) l	1262-5									0.045			0.045	0.00
	*** Signal #2 ***													
1) i	1660_1br2nb	----------			ISTD	----------								
2) s	2,4,5,6-Tetrachloro-m-xylene	1.453	1.409	1.303	1.247	1.295	1.326	1.319	1.288	1.330	1.255	1.162	1.308	5.95
3) s	Decachlorobiphenyl	1.106	1.056	0.881	0.810	0.860	0.862	0.873	0.814	0.757	0.731	0.752	0.864	13.87
4) l	1016-1	0.032	0.027	0.028	0.024	0.024	0.024	0.024	0.023	0.022	0.021	0.019	0.024	14.51
5) l	1016-2	0.063	0.055	0.057	0.054	0.056	0.057	0.055	0.053	0.051	0.050	0.045	0.054	8.32
6) l	1016-3	0.139	0.120	0.114	0.108	0.111	0.113	0.112	0.107	0.108	0.102	0.094	0.112	10.23
7) l	1016-4	0.051	0.050	0.045	0.043	0.045	0.045	0.045	0.043	0.043	0.041	0.038	0.044	8.62
8) l	1016-5	0.034	0.034	0.032	0.032	0.034	0.034	0.034	0.033	0.033	0.031	0.029	0.033	4.88
9) l	1260-1	0.068	0.069	0.069	0.069	0.073	0.074	0.074	0.069	0.068	0.065	0.059	0.069	6.27
10) l	1260-2	0.085	0.082	0.084	0.073	0.082	0.083	0.082	0.077	0.075	0.071	0.066	0.078	7.94
11) l	1260-3	0.069	0.061	0.057	0.051	0.059	0.059	0.059	0.055	0.055	0.054	0.052	0.057	8.46
12) l	1260-4	0.123	0.112	0.109	0.101	0.112	0.109	0.111	0.103	0.109	0.104	0.102	0.109	5.70
13) l	1260-5	0.086	0.080	0.077	0.066	0.075	0.077	0.080	0.077	0.075	0.073	0.073	0.076	6.51
14) i	2154_1br2nb	----------			ISTD	----------								
15) l	1221-1									0.012			0.012	0.00
16) l	1221-2									0.007			0.007	0.00
17) l	1221-3									0.028			0.028	0.00
18) l	1254-1									0.022			0.022	0.00
19) l	1254-2									0.050			0.050	0.00
20) l	1254-3									0.079			0.079	0.00
21) l	1254-4									0.052			0.052	0.00
22) l	1254-5									0.068			0.068	0.00
23) i	4268_1br2nb	----------			ISTD	----------								
24) l	1242-1									0.016			0.016	0.00
25) l	1242-2									0.036			0.036	0.00
26) l	1242-3									0.071			0.071	0.00
27) l	1242-4									0.028			0.028	0.00
28) l	1242-5									0.023			0.023	0.00
29) l	1268-1									0.128			0.128	0.00
30) l	1268-2									0.135			0.135	0.00
31) l	1268-3									0.092			0.092	0.00
32) l	1268-4									0.039			0.039	0.00
33) l	1268-5									0.224			0.224	0.00
34) i	1248_1br2nb	----------			ISTD	----------								
35) l	1248-1									0.054			0.054	0.00
36) l	1248-2									0.029			0.029	0.00
37) l	1248-3									0.037			0.037	0.00
38) l	1248-4									0.044			0.044	0.00
39) l	1248-5									0.053			0.053	0.00

Response Factor Report Pest 2

Method Path : I:\PCB\Pest2\2026\260202I\
Method File : P2_PCB_02_02_26_iRVT_ICAL.m
Title : pcb
Last Update : Wed Feb 04 14:27:00 2026
Response Via : Initial Calibration

Calibration Files
L1 =P2260202i-08.D L2 =P2260202i-09.D L3 =P2260202i-10.D L4 =P2260202i-11.D L5 =P2260202i-12.D
L6 =P2260202i-13.D L7 =P2260202i-14.D L8 =P2260202i-15.D L9 =P2260202i-16.D L10 =P2260202i-17.D
L11 =P2260202i-18.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	Avg	%RSD
40)	i	3262_1br2nb	----------ISTD----------												
41)	l	1232-1									0.024			0.024	0.00
42)	l	1232-2									0.020			0.020	0.00
43)	l	1232-3									0.041			0.041	0.00
44)	l	1232-4									0.016			0.016	0.00
45)	l	1232-5									0.013			0.013	0.00
46)	l	1262-1									0.047			0.047	0.00
47)	l	1262-2									0.066			0.066	0.00
48)	l	1262-3									0.060			0.060	0.00
49)	l	1262-4									0.112			0.112	0.00
50)	l	1262-5									0.038			0.038	0.00

(#) = Out of Range ### Number of calibration levels exceed

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:01
Operator : pest2:sdc
Sample : il94268,42e,,pp 12224 L250RVT
Misc : WG2172252,,
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:23:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:13:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	1.164	1.214	638.6E6	588.7E6	25.000	25.000
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D. d	N.D.
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:01
Operator : pest2:sdc
Sample : il94268,42e,,pp 12224 L250RVT
Misc : WG2172252,,
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:23:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:13:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	1.579	1.771	97213735	91398025	NoCal	NoCal
25) l6	1242-2	1.717	1.938	222.7E6	213.0E6	NoCal	NoCal
26) l6	1242-3	1.903	2.133	465.7E6	415.6E6	NoCal	NoCal
27) l6	1242-4	1.957	2.193	189.3E6	165.2E6	NoCal	NoCal
28) l6	1242-5	2.305	2.573	152.3E6	132.8E6	NoCal	NoCal
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	3.422	3.812	1018.6E6	753.0E6	NoCal M3	NoCal M3
30) l9	1268-2	3.443	3.838	1027.8E6	795.8E6	NoCal M3	NoCal M3
31) l9	1268-3	3.545	3.978	730.5E6	543.7E6	NoCal M3	NoCal M3
32) l9	1268-4	3.730	4.131	300.7E6	228.9E6	NoCal M3	NoCal M3
33) l9	1268-5	3.884	4.315	2027.5E6	1319.0E6	NoCal M3	NoCal M3
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:01
Operator : pest2:sdc
Sample : il94268,42e,,pp 12224 L250RVT
Misc : WG2172252,,
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:23:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:13:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

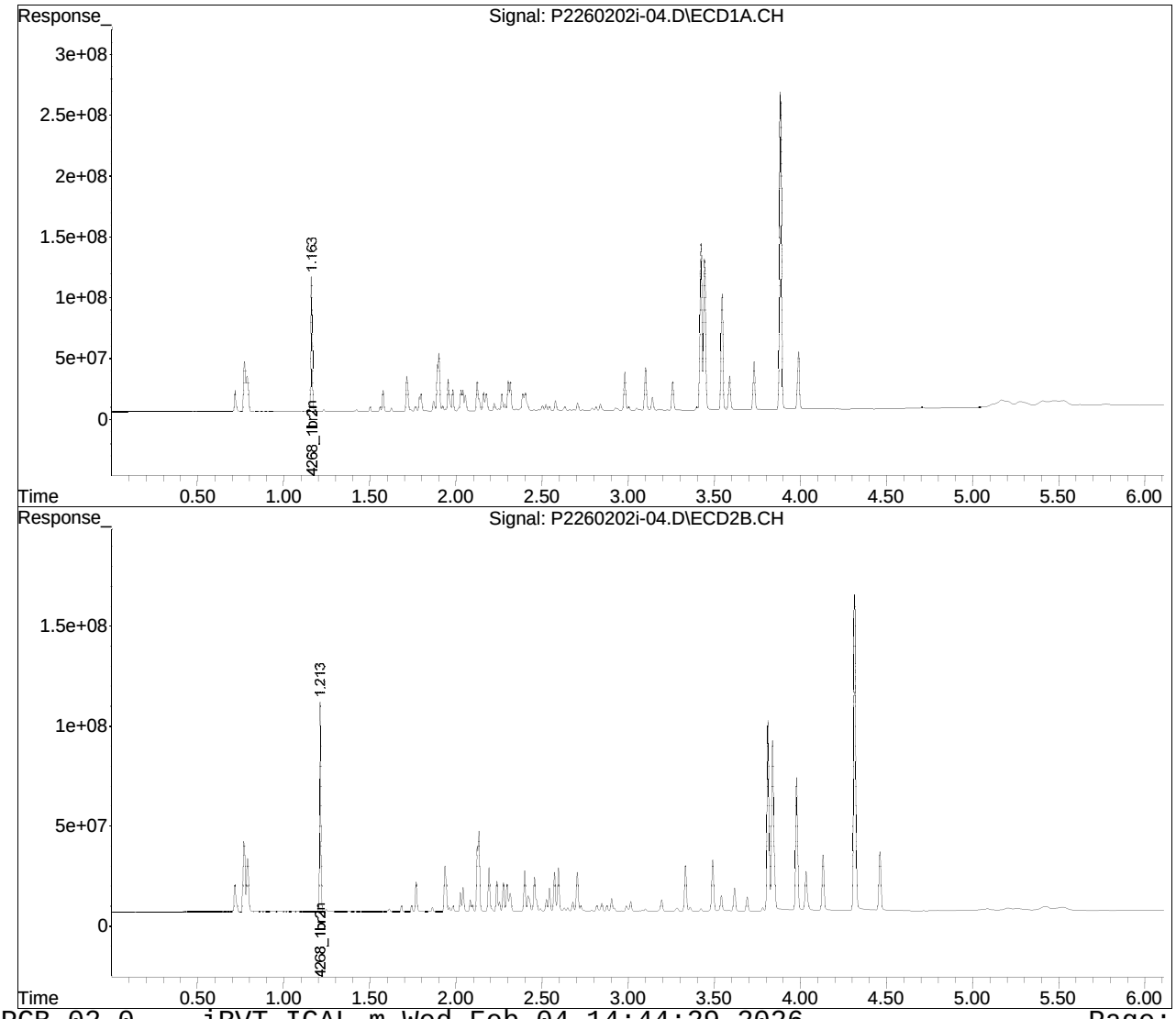
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:01
Operator : pest2:sdc
Sample : il94268,42e,,pp 12224 L250RVT
Misc : WG2172252,,
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:23:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:13:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

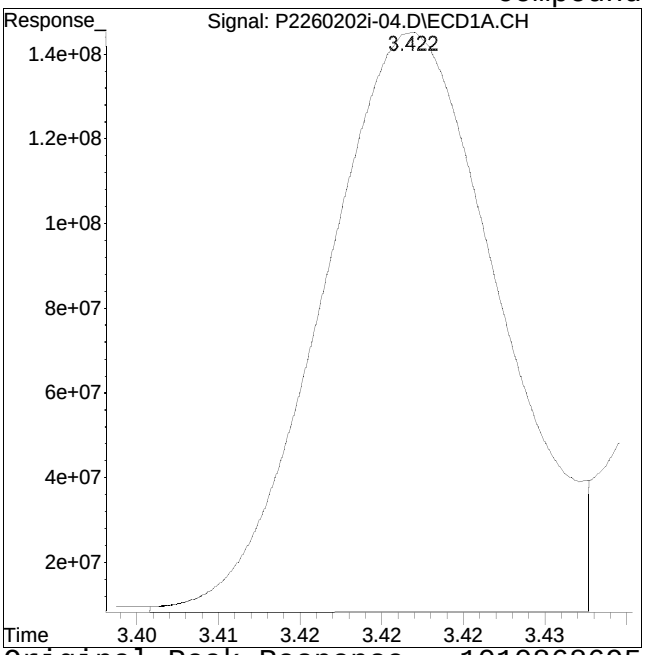
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

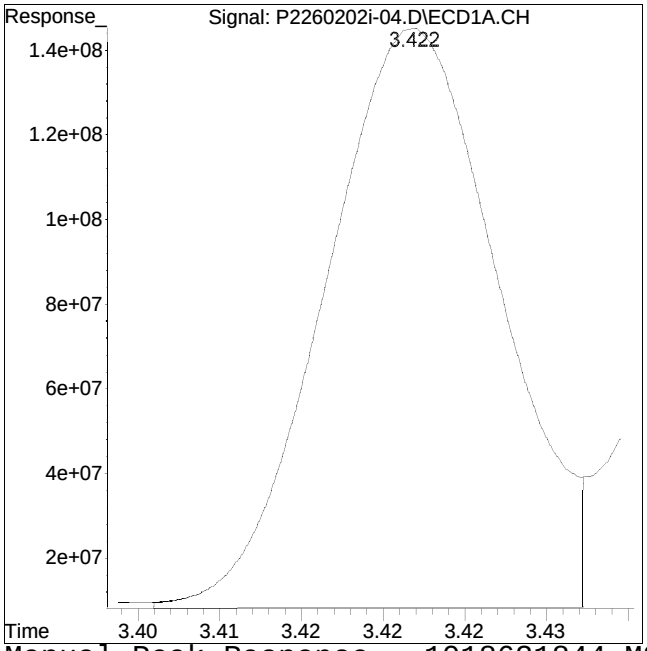


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #29: 1268-1



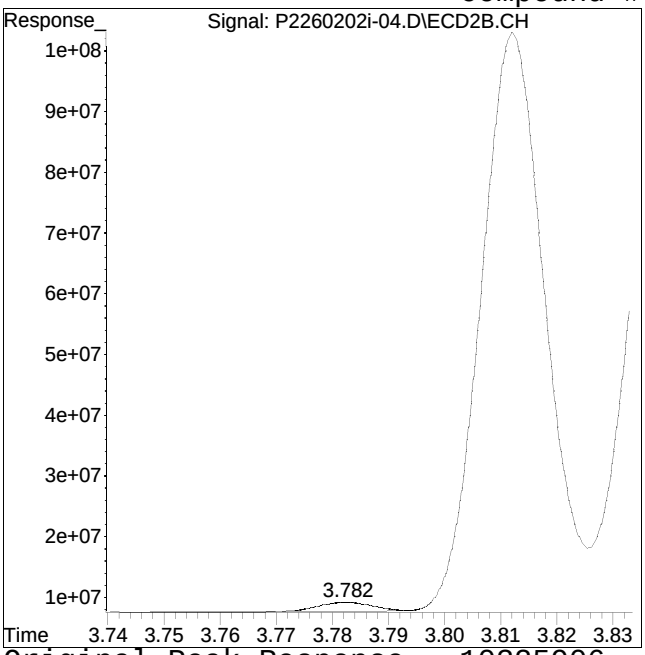


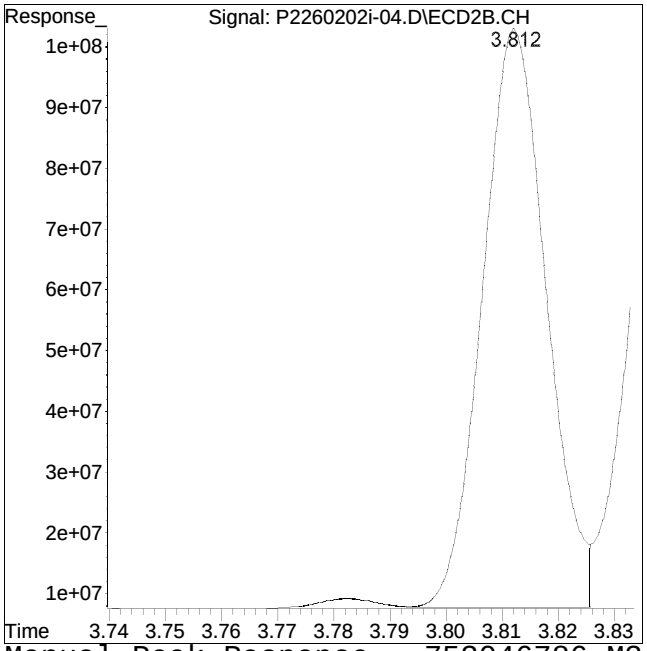
Original Peak Response = 1010868695 Manual Peak Response = 1018631844 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #80: 1268-1 #2



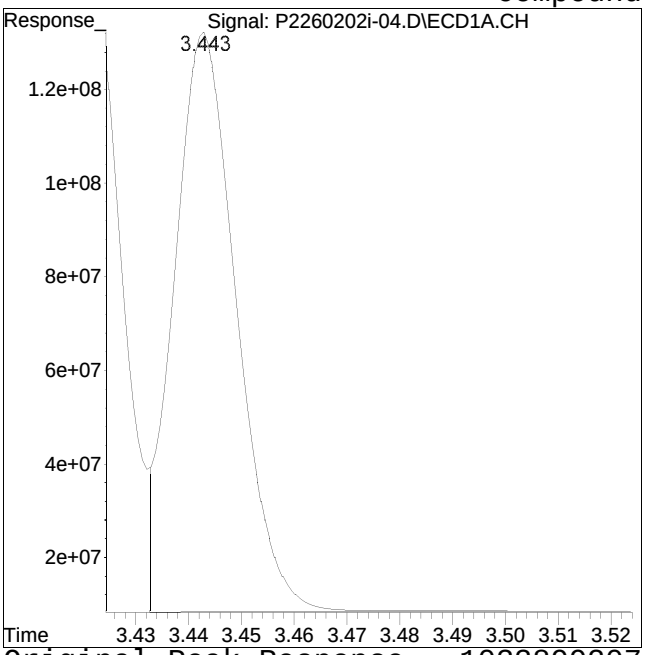


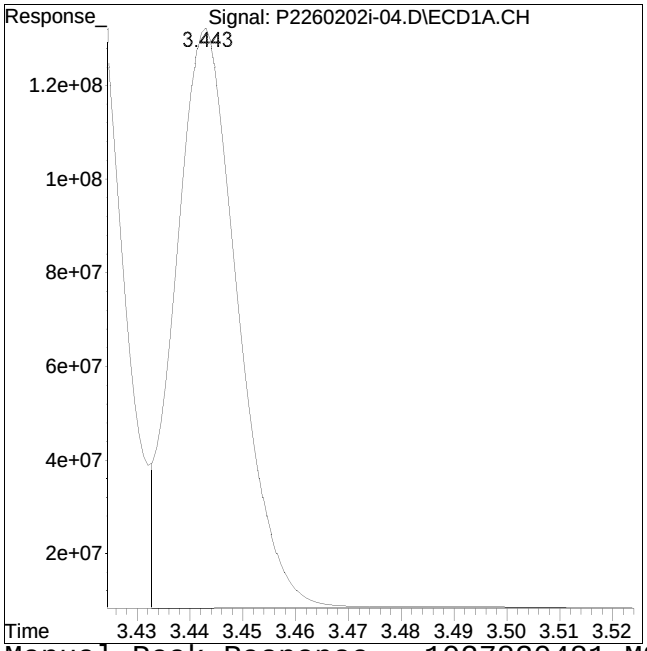
Original Peak Response = 10325906 Manual Peak Response = 753046786 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #30: 1268-2



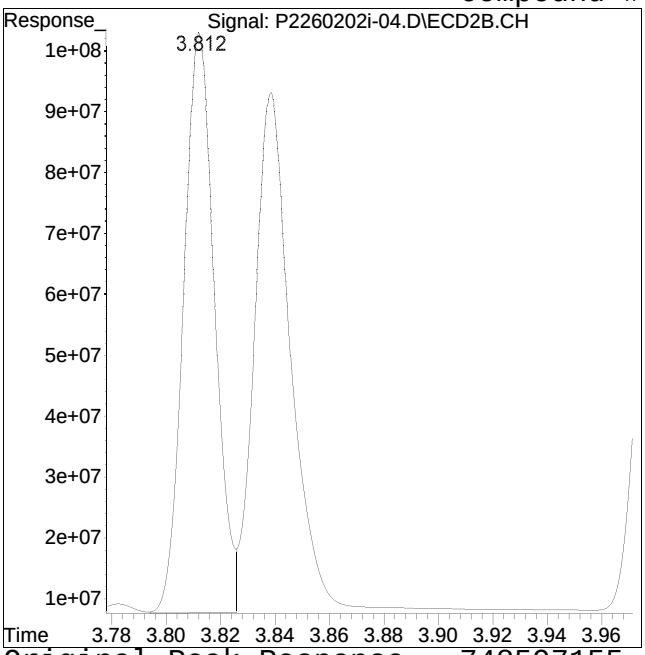


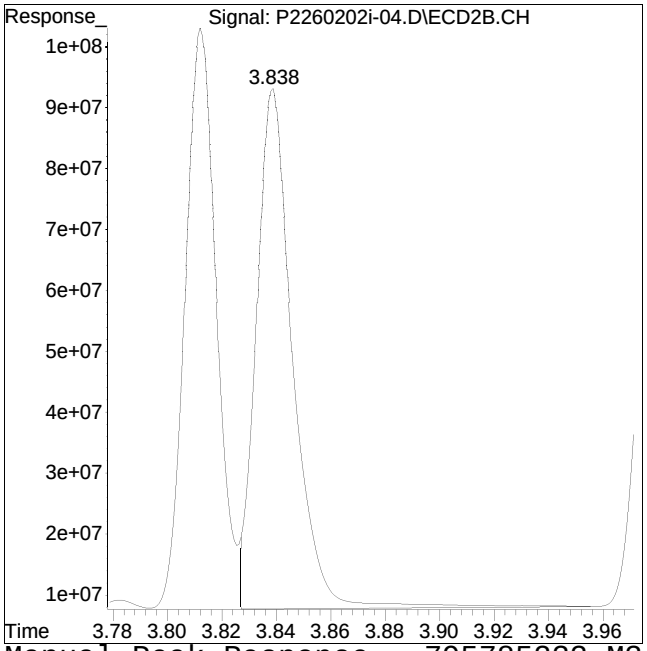
Original Peak Response = 1033899207 Manual Peak Response = 1027830481 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #81: 1268-2 #2



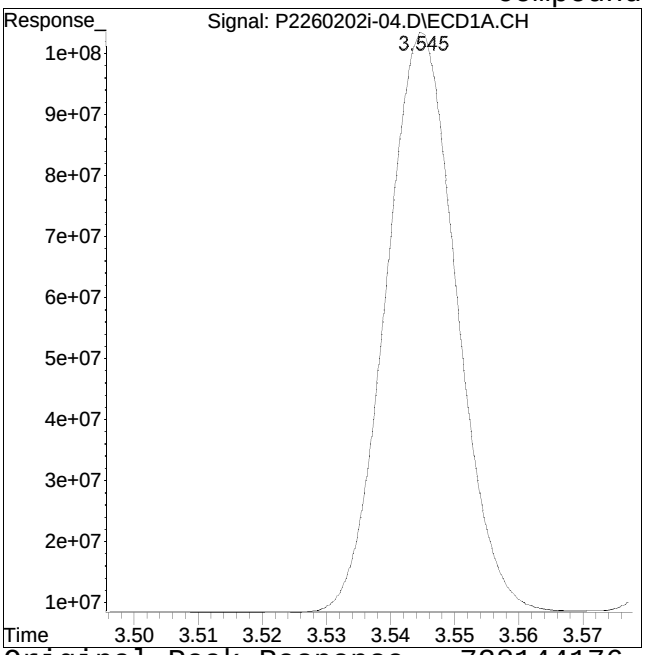


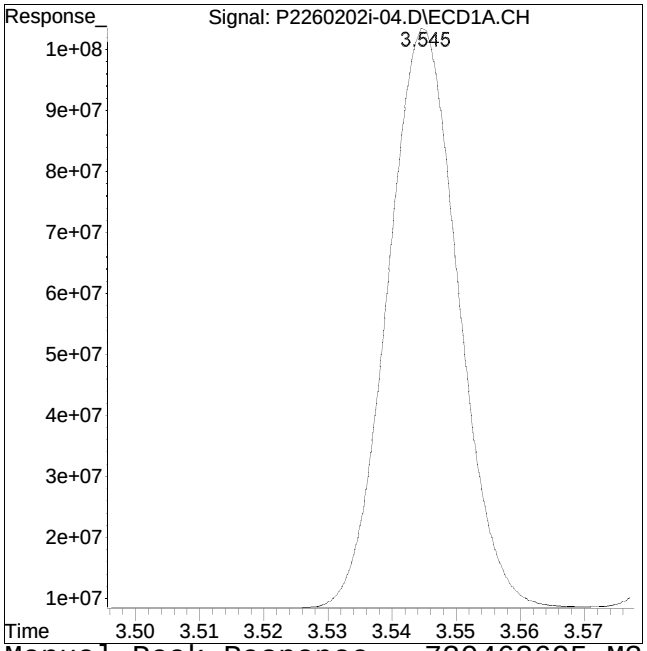
Original Peak Response = 748597155 Manual Peak Response = 795785233 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #31: 1268-3



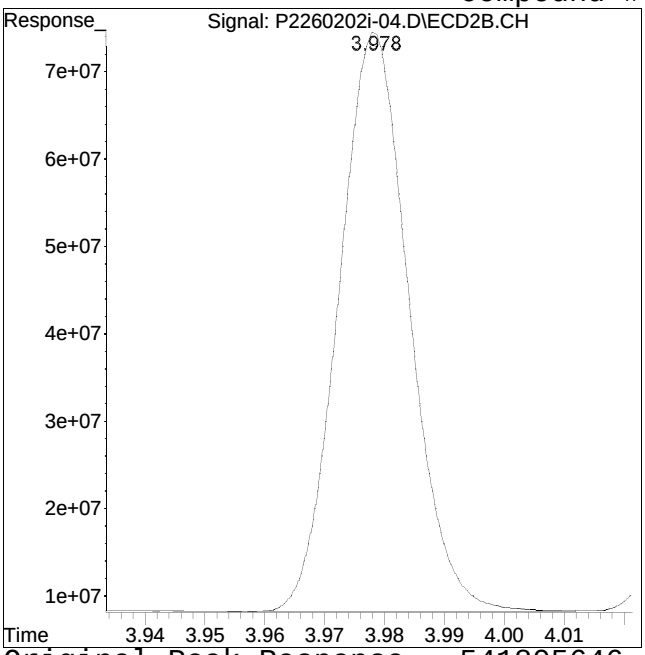


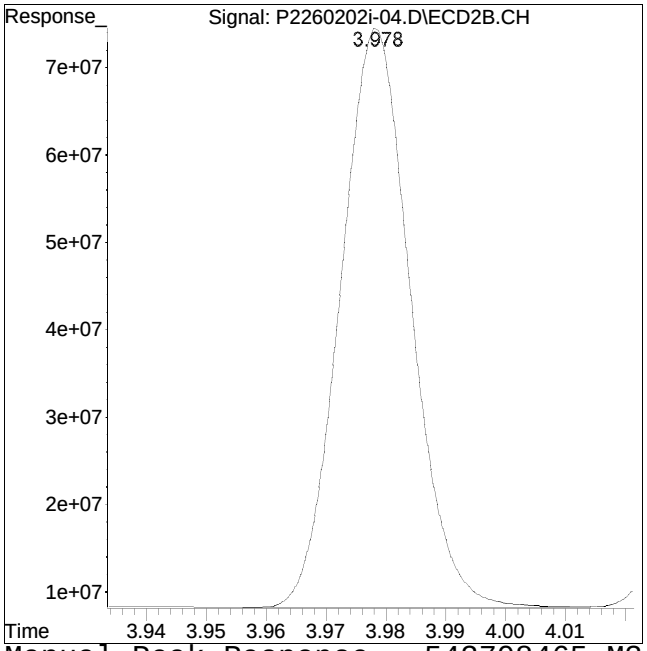
Original Peak Response = 728144176 Manual Peak Response = 730463695 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #82: 1268-3 #2



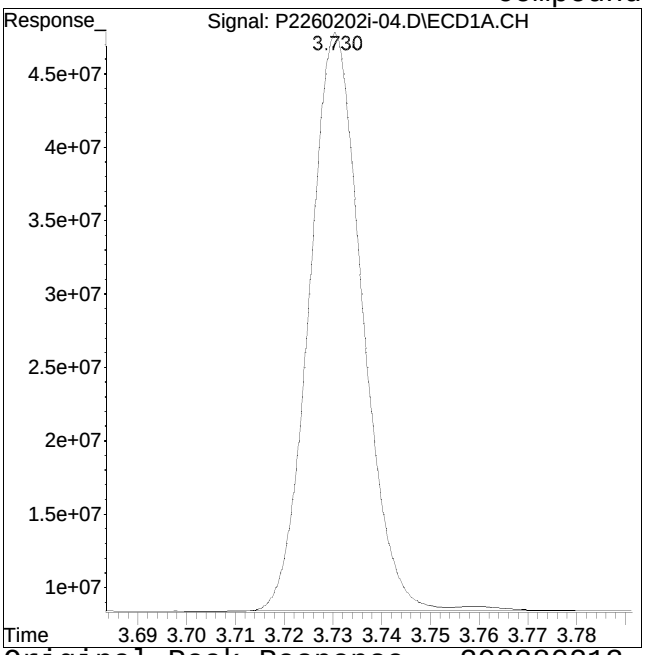


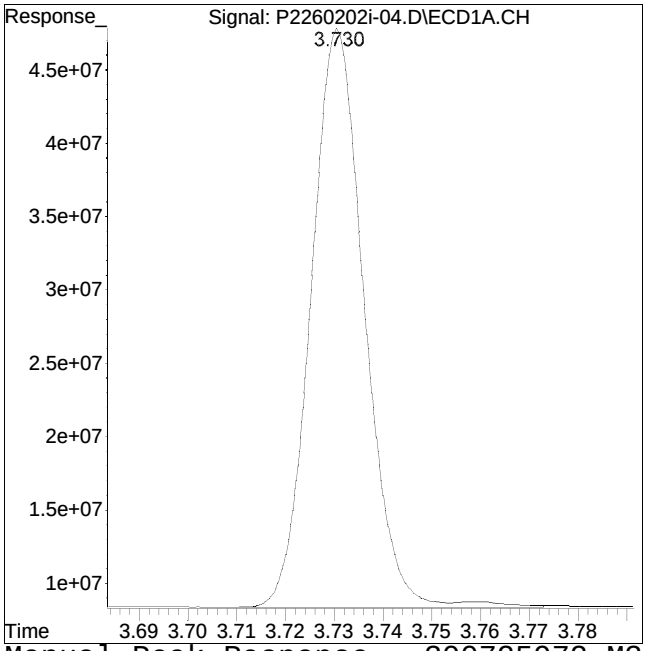
Original Peak Response = 541805646 Manual Peak Response = 543708465 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #32: 1268-4



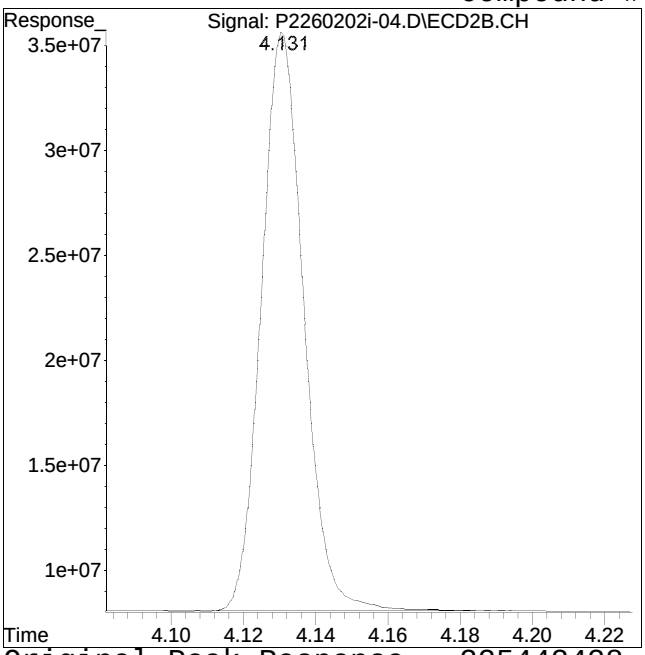


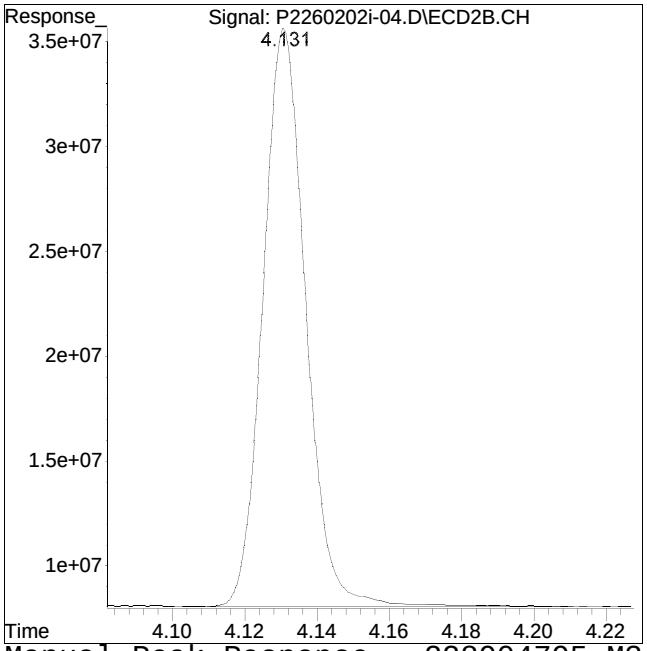
Original Peak Response = 298380213 Manual Peak Response = 300725972 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #83: 1268-4 #2



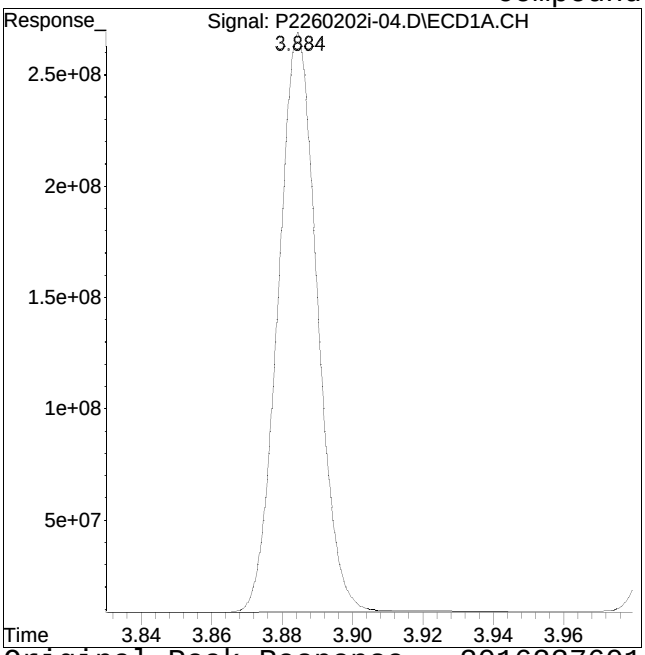


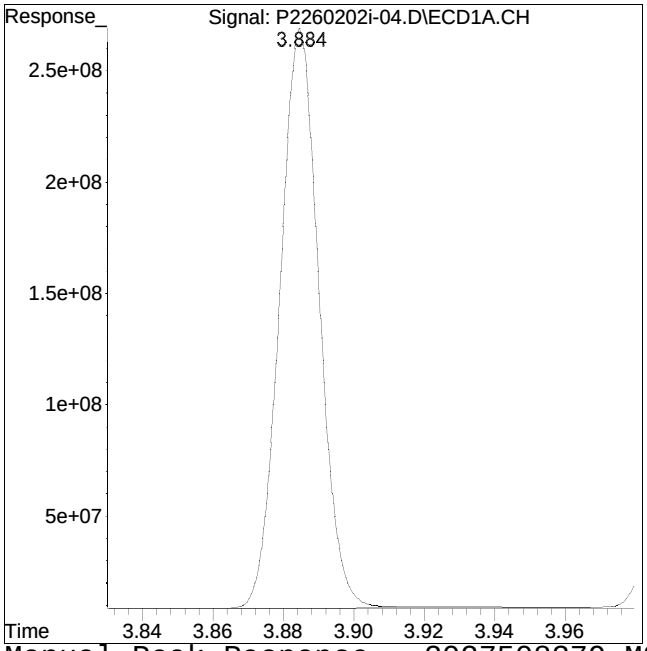
Original Peak Response = 225442428 Manual Peak Response = 228904795 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #33: 1268-5



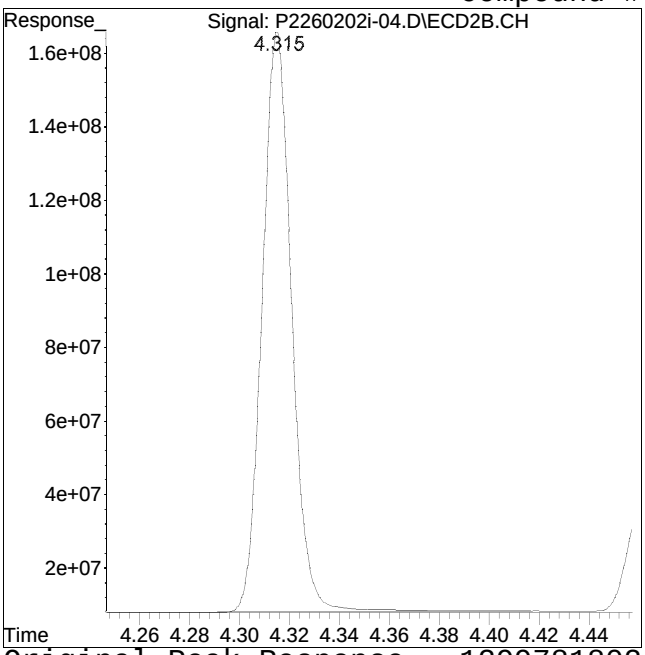


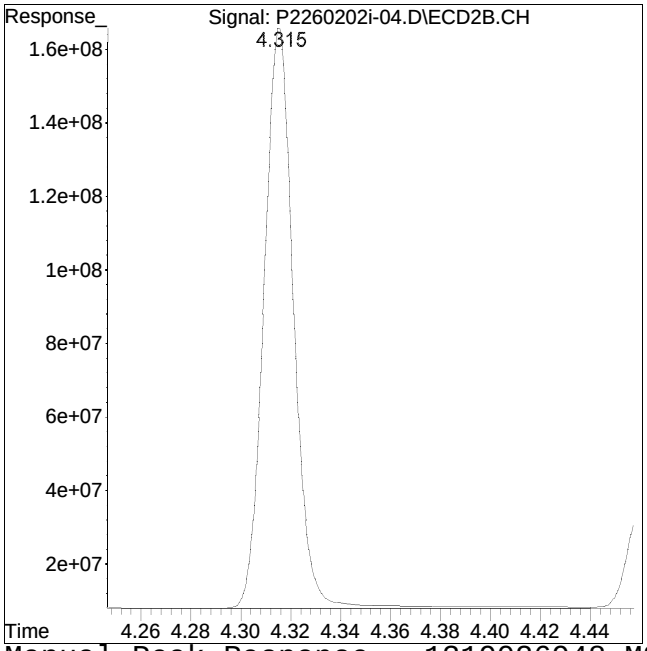
Original Peak Response = 2016237601 Manual Peak Response = 2027508379 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-04.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:01 Instrument : Pest 2
Sample : il94268,42e,,pp 12224 L250Quant Date : 2/4/2026 11:23 am

Compound #84: 1268-5 #2





Original Peak Response = 1299781802 Manual Peak Response = 1319026948 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-05.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:11
Operator : pest2:sdc
Sample : il93262,42e,,pp 12225 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:46:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:43 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	1.164	1.214	595.7E6	542.4E6	25.000M3	25.000M3
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D.	N.D.
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-05.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:11
Operator : pest2:sdc
Sample : il93262,42e,,pp 12225 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:46:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:43 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-05.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:11
Operator : pest2:sdc
Sample : il93262,42e,,pp 12225 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:46:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:43 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	1.579	1.771	138.2E6	128.3E6	NoCal	NoCal
42) l5	1232-2	1.717	1.939	108.7E6	110.9E6	NoCal M3	NoCal
43) l5	1232-3	1.904	2.134	236.3E6	219.8E6	NoCal	NoCal
44) l5	1232-4	1.958	2.194	95625801	87863455	NoCal	NoCal
45) l5	1232-5	2.306	2.574	76596131	68588053	NoCal	NoCal
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	2.792	3.103	359.2E6	254.7E6	NoCal	NoCal
47) l8	1262-2	2.982	3.334	456.4E6	357.5E6	NoCal	NoCal
48) l8	1262-3	3.105	3.490	403.3E6	324.8E6	NoCal	NoCal
49) l8	1262-4	3.260	3.619	828.8E6	606.8E6	NoCal	NoCal
50) l8	1262-5	3.732	4.132	270.7E6	208.1E6	NoCal	NoCal M3
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

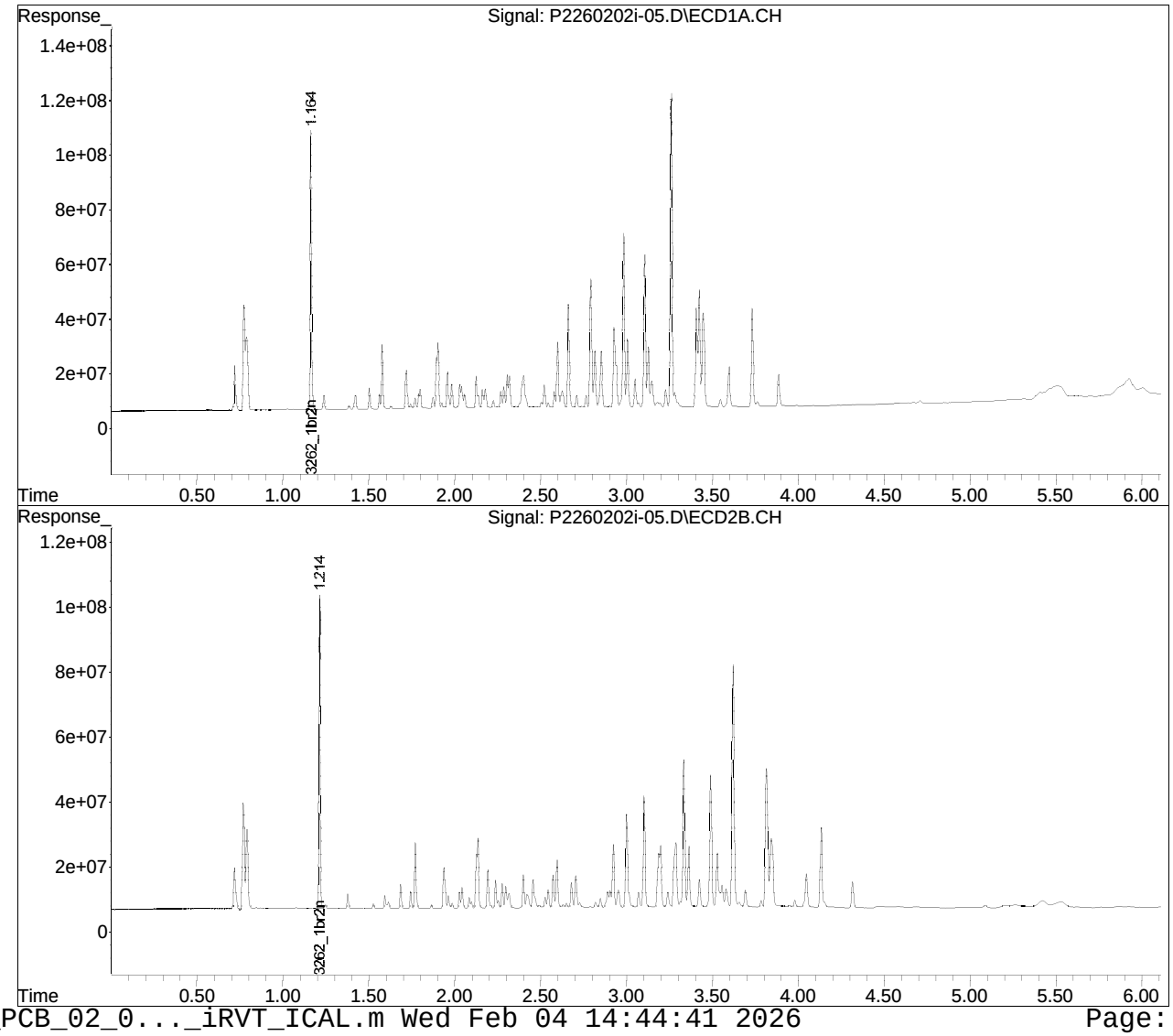
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-05.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:11
Operator : pest2:sdc
Sample : il93262,42e,,pp 12225 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:46:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:43 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

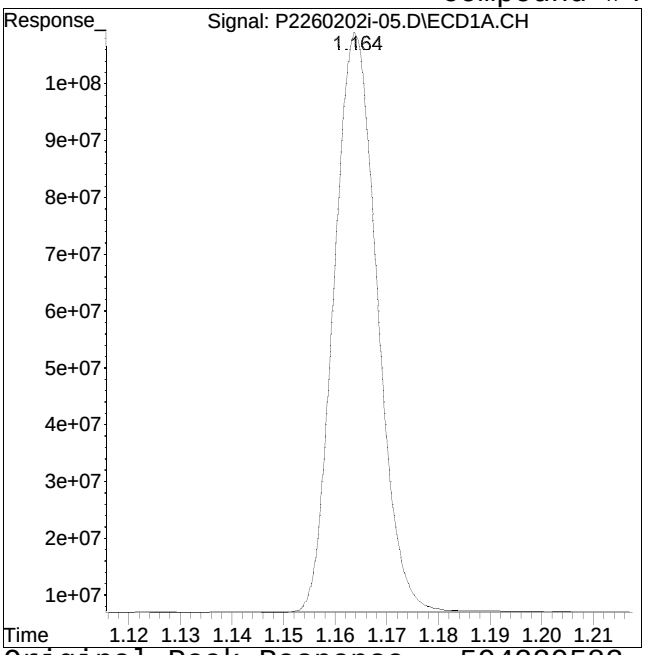
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

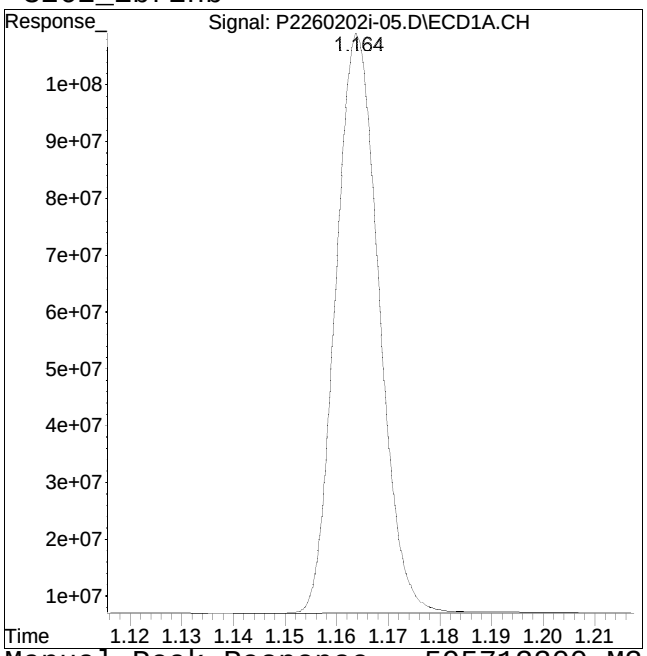


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-05.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:11 Instrument : Pest 2
Sample : il93262,42e,,pp 12225 L250Quant Date : 2/4/2026 11:46 am

Compound #40: 3262_1br2nb



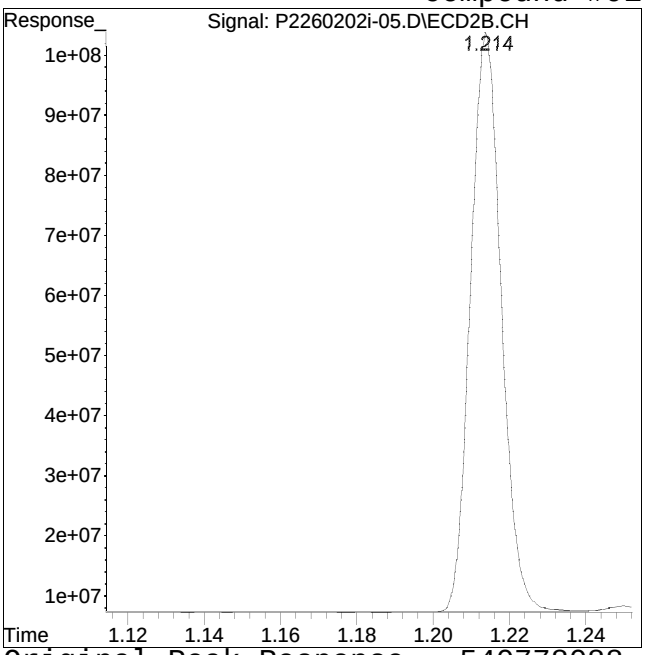


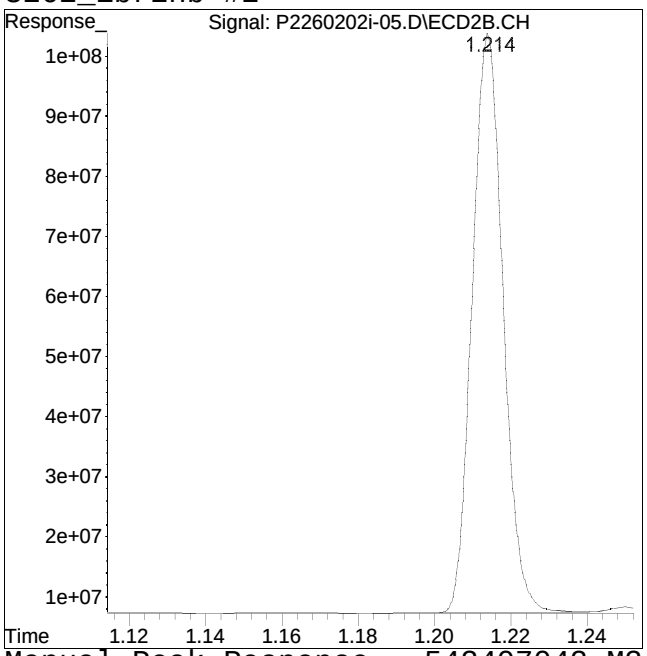
Original Peak Response = 594229583 Manual Peak Response = 595713300 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-05.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:11 Instrument : Pest 2
Sample : il93262,42e,,pp 12225 L250Quant Date : 2/4/2026 11:46 am

Compound #91: 3262_1br2nb #2



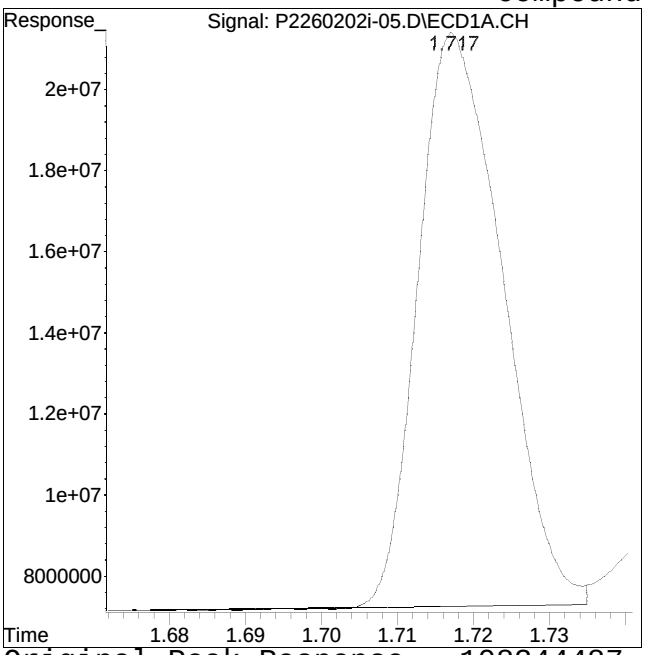


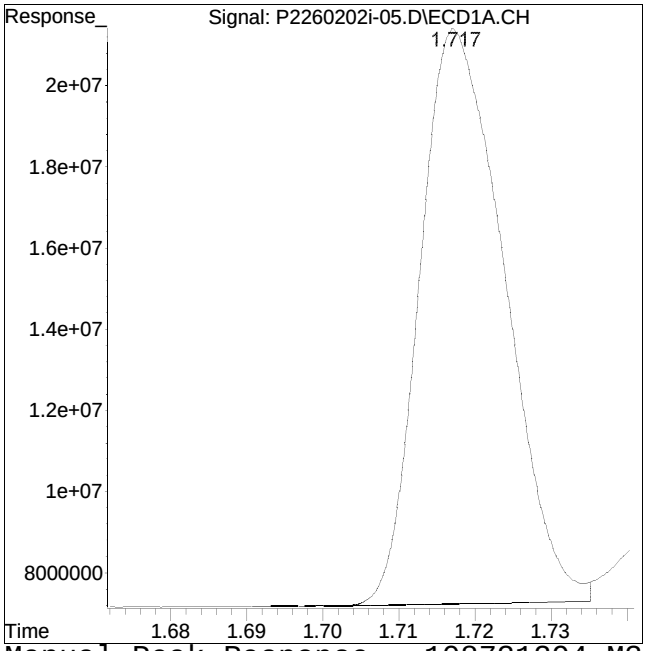
Original Peak Response = 540778088 Manual Peak Response = 542407042 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-05.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:11 Instrument : Pest 2
Sample : il93262,42e,,pp 12225 L250Quant Date : 2/4/2026 11:46 am

Compound #42: 1232-2



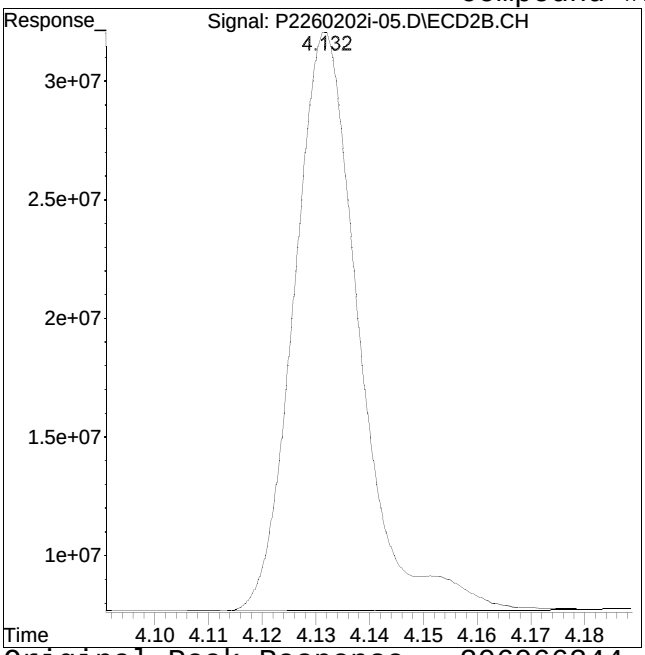


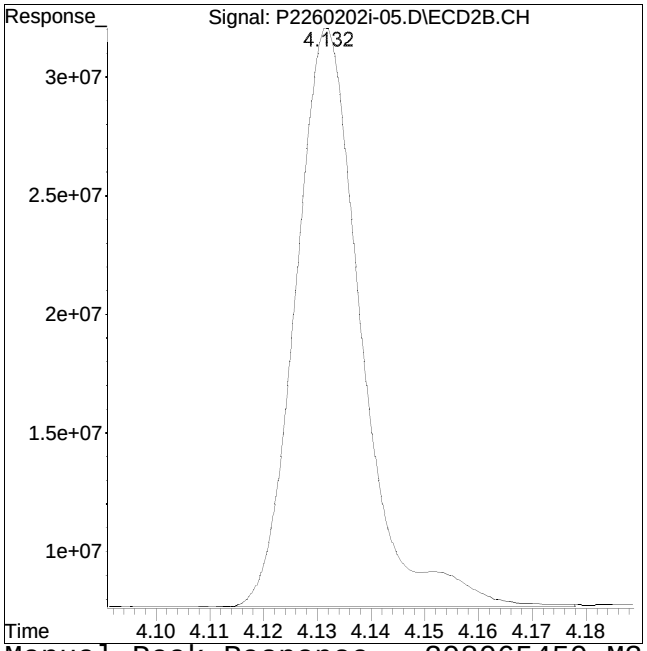
Original Peak Response = 108344487 Manual Peak Response = 108731294 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-05.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:11 Instrument : Pest 2
Sample : il93262,42e,,pp 12225 L250Quant Date : 2/4/2026 11:46 am

Compound #101: 1262-5 #2





Original Peak Response = 206066344 Manual Peak Response = 208065450 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-06.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:20
Operator : pest2:sdc
Sample : il91248,42e,,pp 12221 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:53:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	1.165	1.214	542.3E6	504.2E6	25.000M3	25.000M3
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D.	N.D.
Spiked Amount	50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D. d	N.D. d
Spiked Amount	50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-06.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:20
Operator : pest2:sdc
Sample : il91248,42e,,pp 12221 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:53:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9	1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	1.904	2.134	288.0E6	271.4E6	NoCal	NoCal
36) l7	1248-2	2.031	2.278	313.8E6	147.6E6	NoCal M1	NoCal
37) l7	1248-3	2.126	2.401	279.4E6	186.9E6	NoCal	NoCal M3

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-06.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:20
Operator : pest2:sdc
Sample : il91248,42e,,pp 12221 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:53:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
38) l7	1248-4	2.306	2.574	256.5E6	220.8E6	NoCal	NoCal
39) l7	1248-5	2.318	2.597	263.1E6	267.5E6	NoCal	NoCal
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8	1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

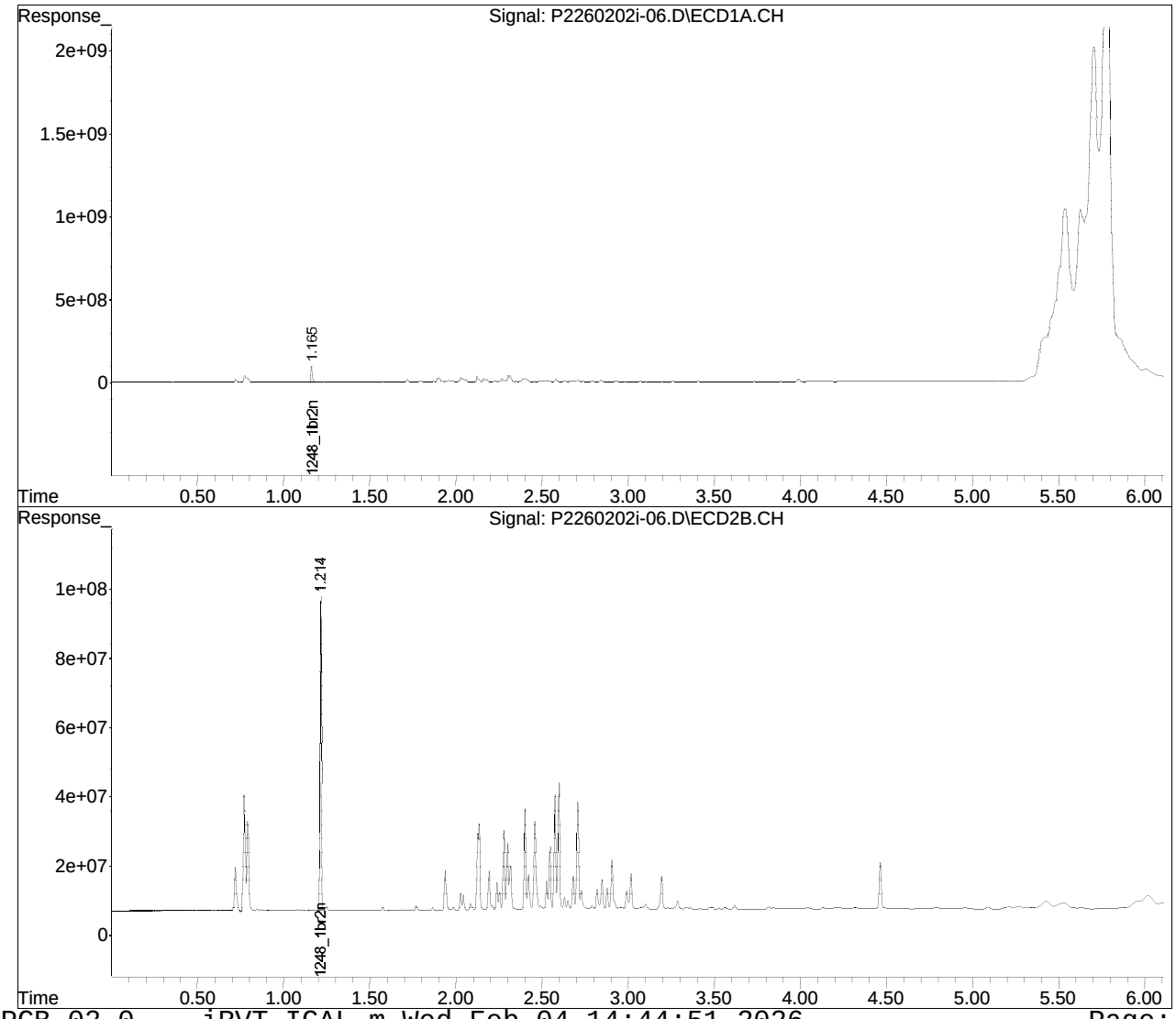
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-06.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:20
Operator : pest2:sdc
Sample : il91248,42e,,pp 12221 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:53:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

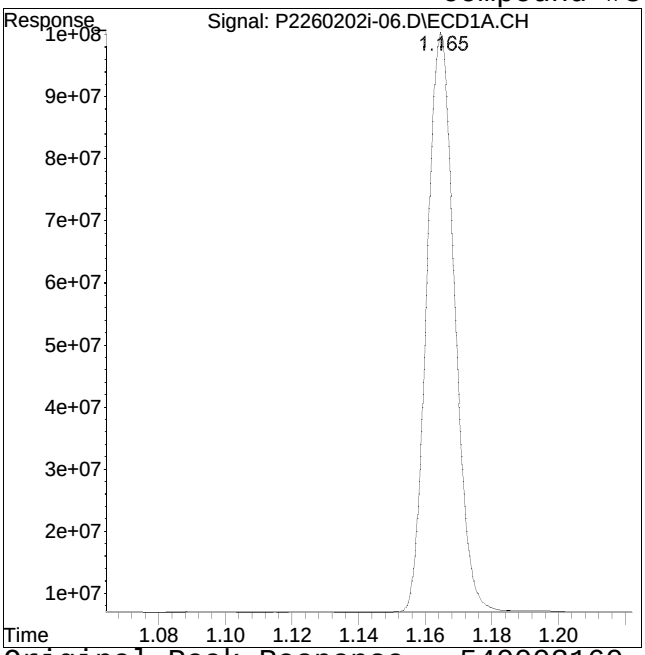
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

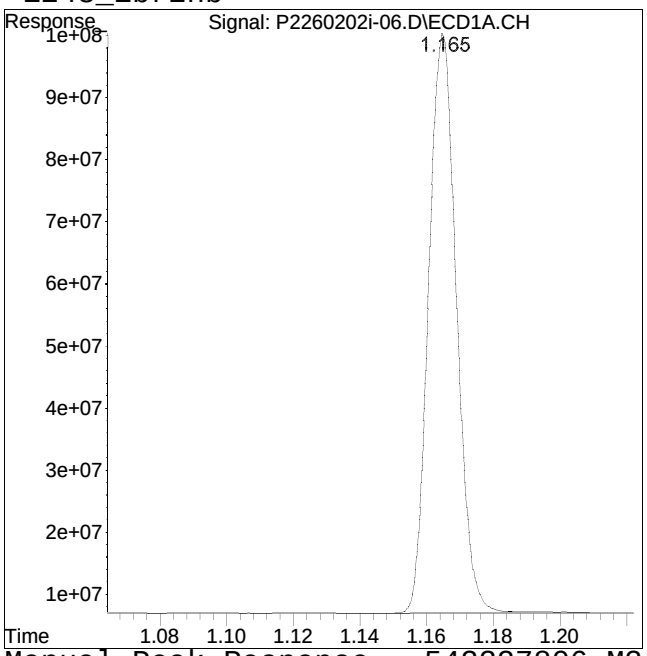


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-06.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:20 Instrument : Pest 2
Sample : il91248,42e,,pp 12221 L250Quant Date : 2/4/2026 11:53 am

Compound #34: 1248_1br2nb



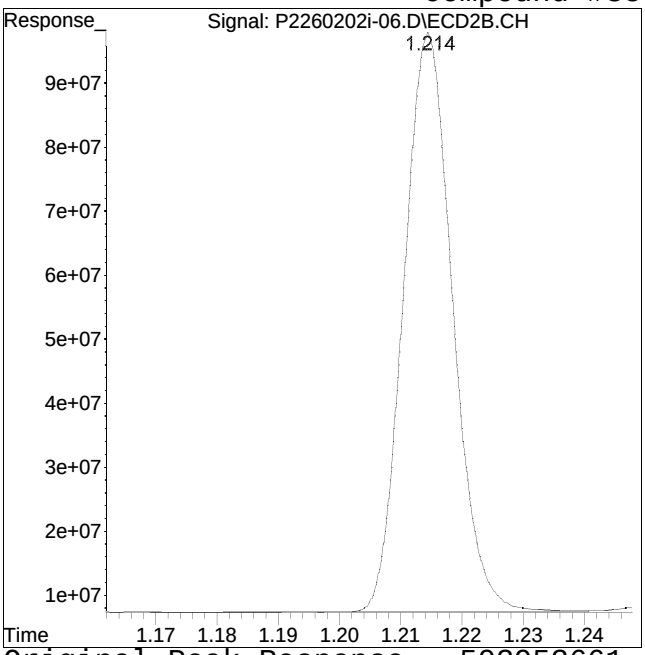


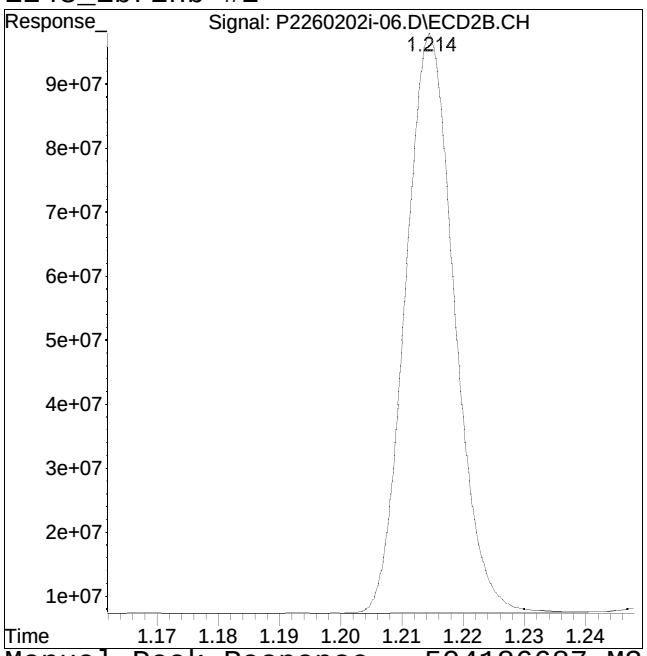
Original Peak Response = 540003160 Manual Peak Response = 542327806 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-06.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:20 Instrument : Pest 2
Sample : il91248,42e,,pp 12221 L250Quant Date : 2/4/2026 11:53 am

Compound #85: 1248_1br2nb #2



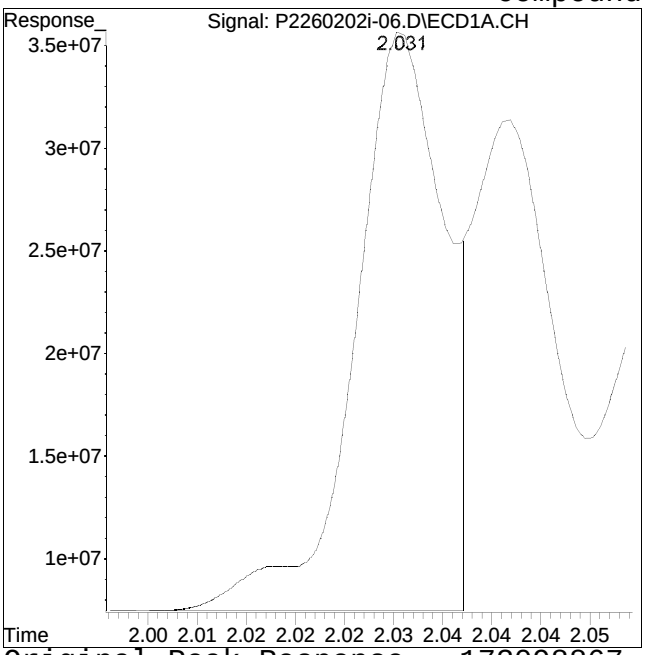


Original Peak Response = 503953661 Manual Peak Response = 504186687 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

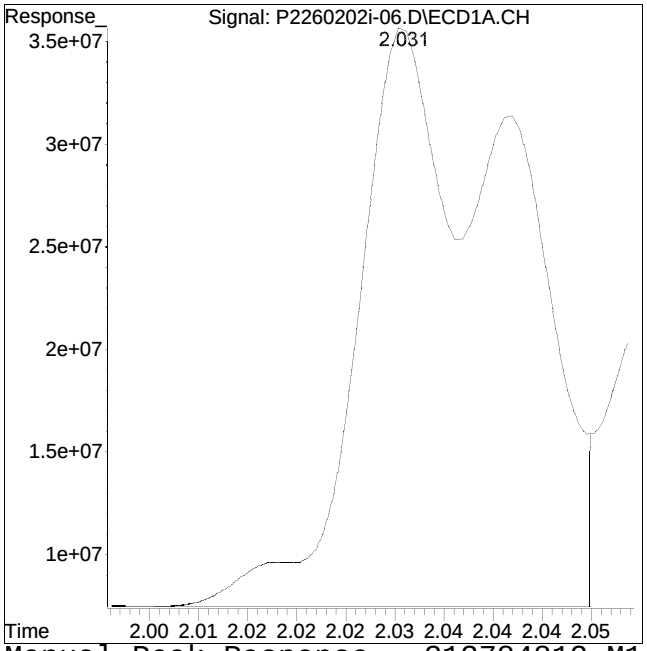
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-06.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:20 Instrument : Pest 2
Sample : il91248,42e,,pp 12221 L250Quant Date : 2/4/2026 11:53 am

Compound #36: 1248-2



Original Peak Response = 173098867



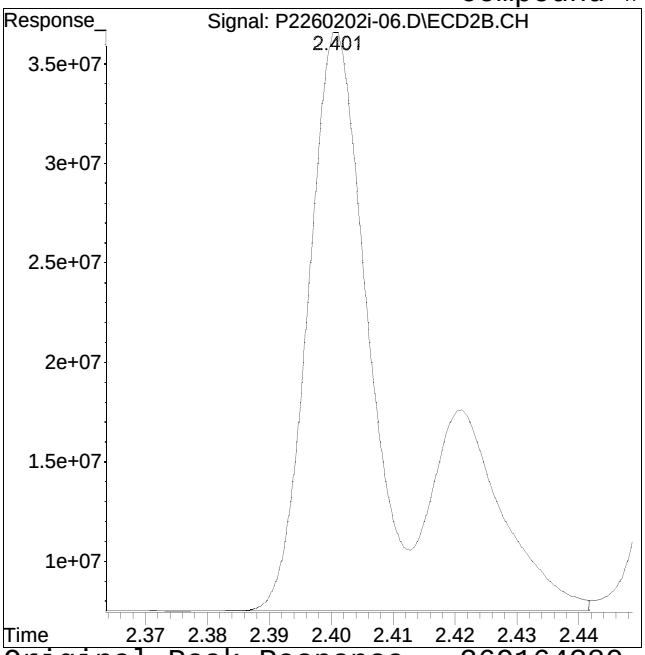
Manual Peak Response = 313784812 M1

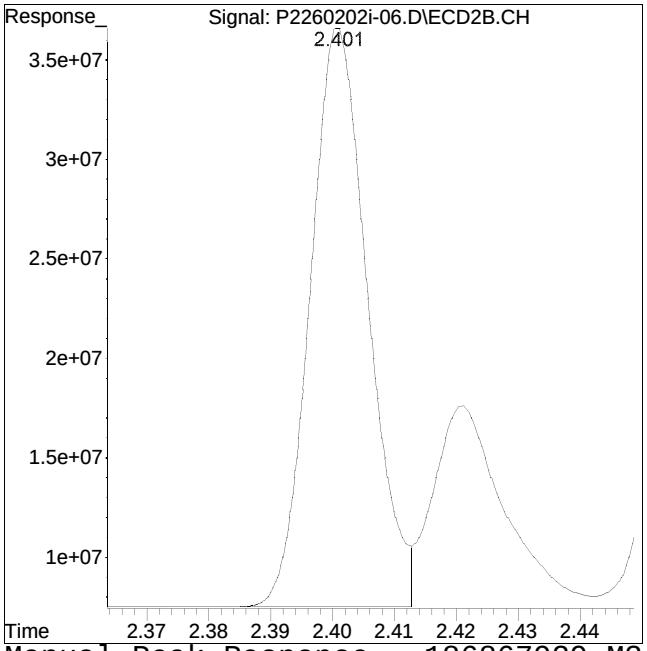
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-06.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:20 Instrument : Pest 2
Sample : il91248,42e,,pp 12221 L250Quant Date : 2/4/2026 11:53 am

Compound #88: 1248-3 #2





Original Peak Response = 269164380 Manual Peak Response = 186867929 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-07.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:29
Operator : pest2:sdc
Sample : il92154,42e,,pp 12223 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:58:56 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	1.165	1.215	525.9E6	489.1E6	25.000M3	25.000M3
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount 50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount 50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000
15) l3	1221-1	1.505	1.688	58820354	58208820	NoCal M3	NoCal M3

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-07.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:29
Operator : pest2:sdc
Sample : il92154,42e,,pp 12223 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:58:56 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
16) l3	1221-2	1.562	1.746	34920633	35685207	NoCal M3	NoCal M3
17) l3	1221-3	1.579	1.772	144.3E6	137.4E6	NoCal	NoCal M3
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	2.288	2.575	210.6E6	107.9E6	NoCal	NoCal
19) l4	1254-2	2.399	2.682	387.8E6	243.1E6	NoCal	NoCal
20) l4	1254-3	2.580	2.907	393.8E6	384.1E6	NoCal	NoCal
21) l4	1254-4	2.708	3.017	285.3E6	256.5E6	NoCal M4	NoCal M3
22) l4	1254-5	2.928	3.289	385.2E6	330.4E6	NoCal M4	NoCal
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-07.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:29
Operator : pest2:sdc
Sample : il92154,42e,,pp 12223 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:58:56 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
35)	l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36)	l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37)	l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38)	l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39)	l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41)	l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42)	l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43)	l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44)	l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45)	l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46)	l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47)	l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48)	l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49)	l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50)	l8 1262-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
	SemiQuant Compounds - Not Calibrated on this Instrument						
	Sum 1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-07.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:29
Operator : pest2:sdc
Sample : il92154,42e,,pp 12223 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:58:56 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

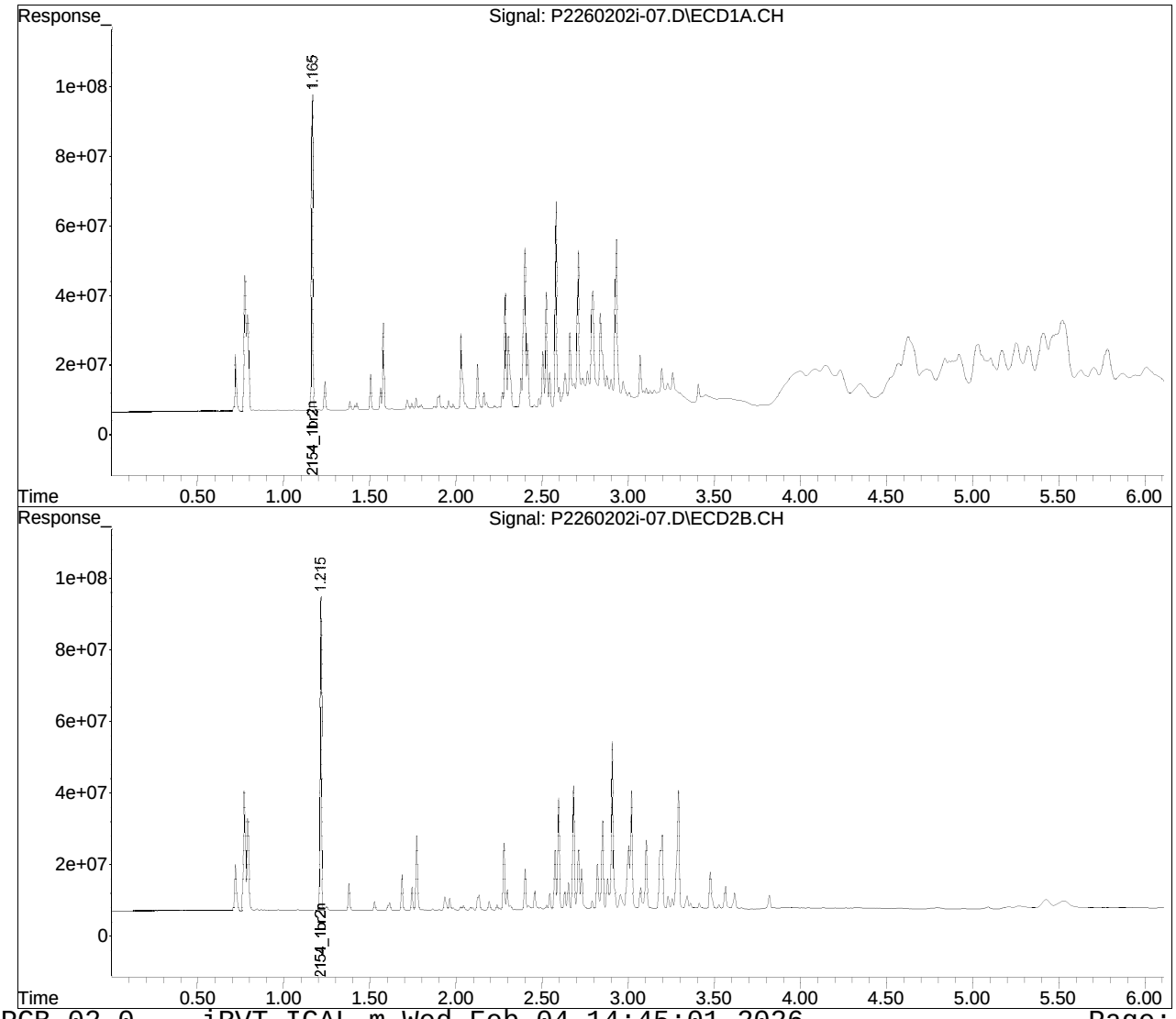
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-07.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:29
Operator : pest2:sdc
Sample : il92154,42e,,pp 12223 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:58:56 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

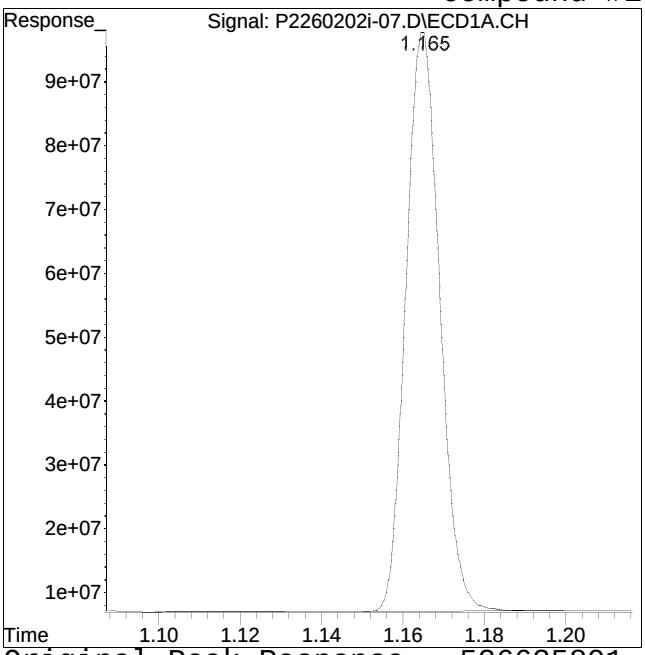
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

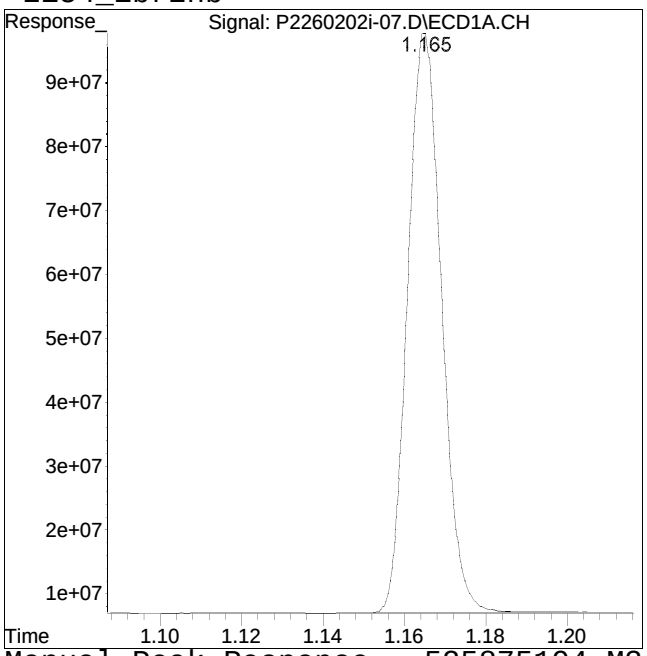


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #14: 2154_1br2nb



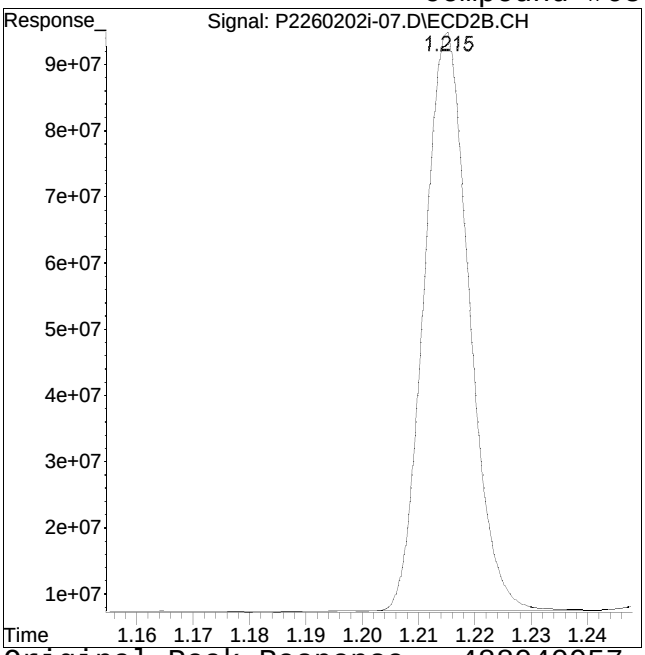


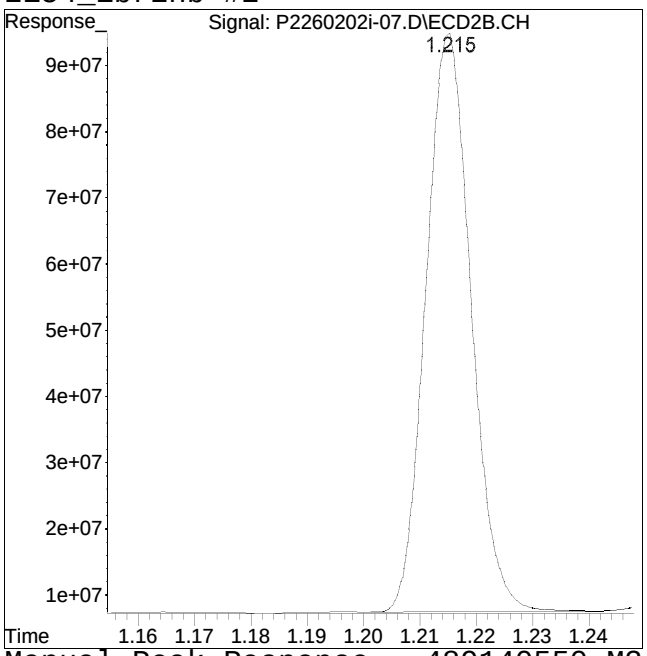
Original Peak Response = 526635801 Manual Peak Response = 525875194 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #65: 2154_1br2nb #2



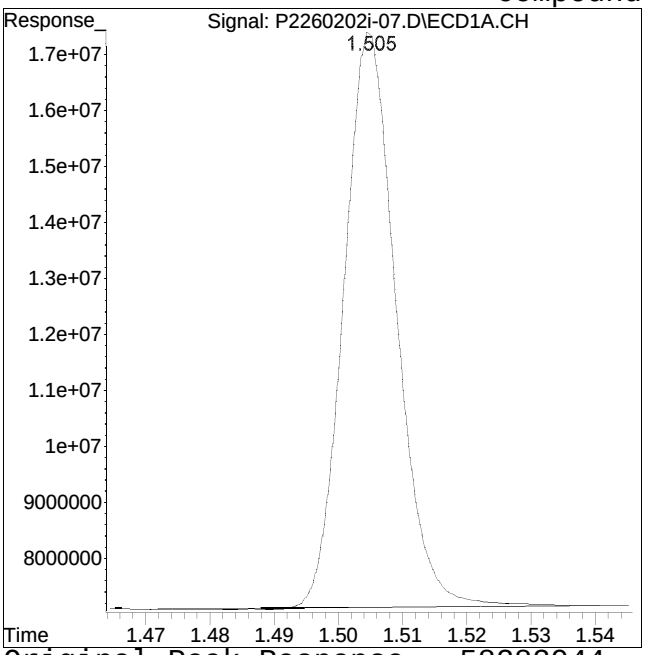


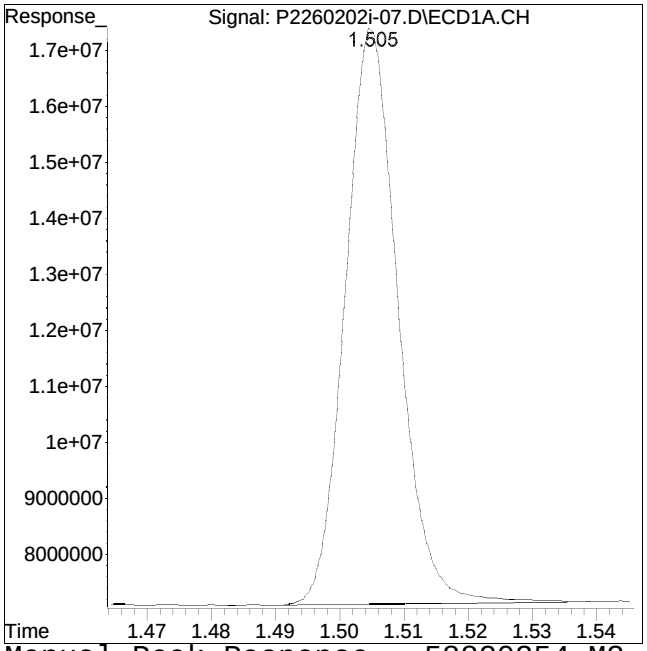
Original Peak Response = 488040957 Manual Peak Response = 489140550 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #15: 1221-1



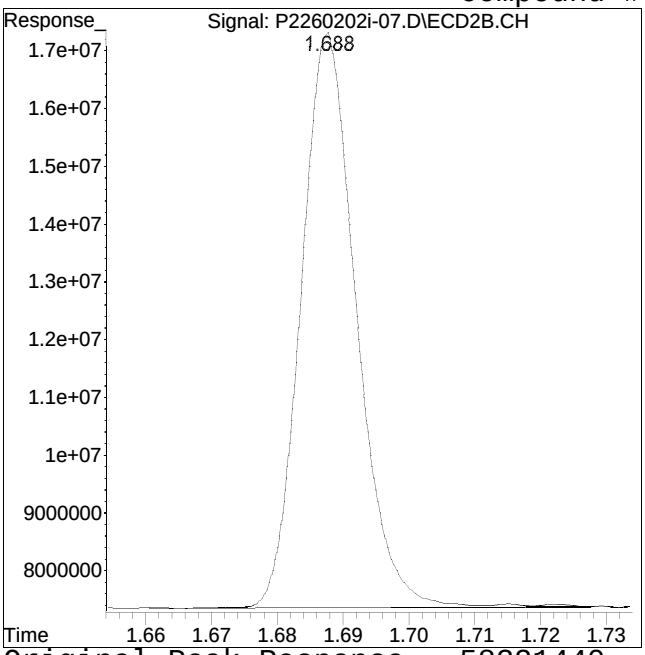


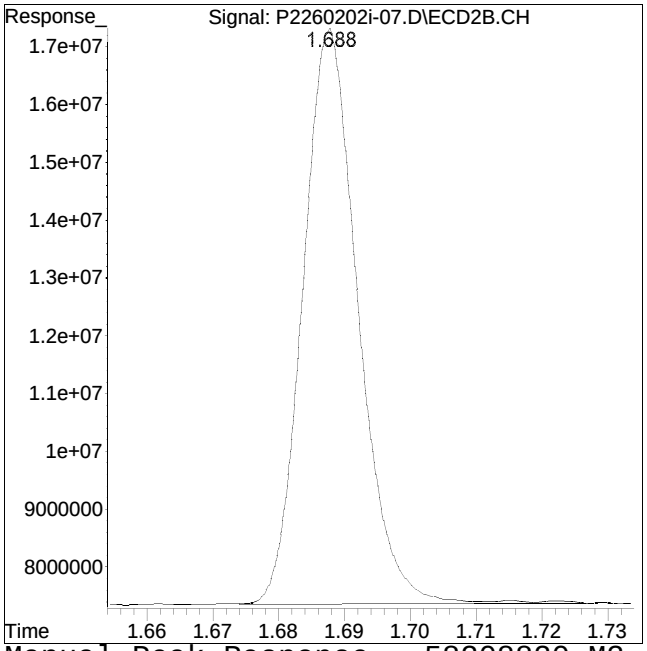
Original Peak Response = 58282944 Manual Peak Response = 58820354 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #66: 1221-1 #2



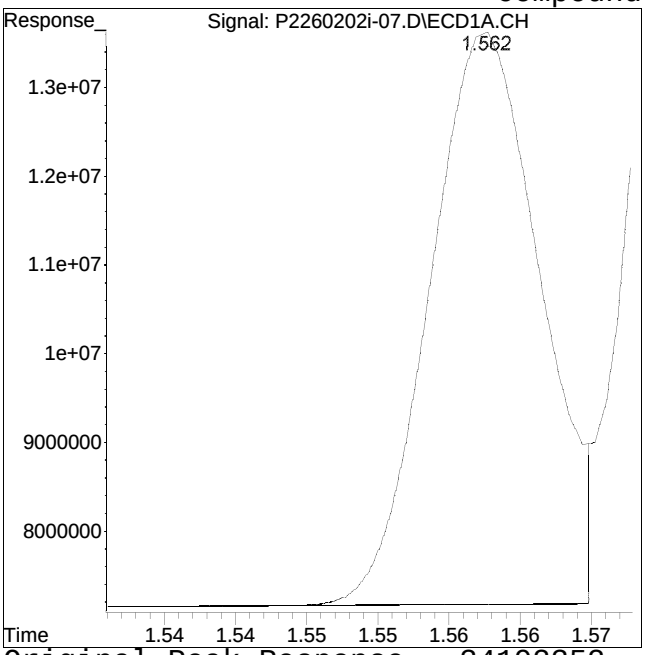


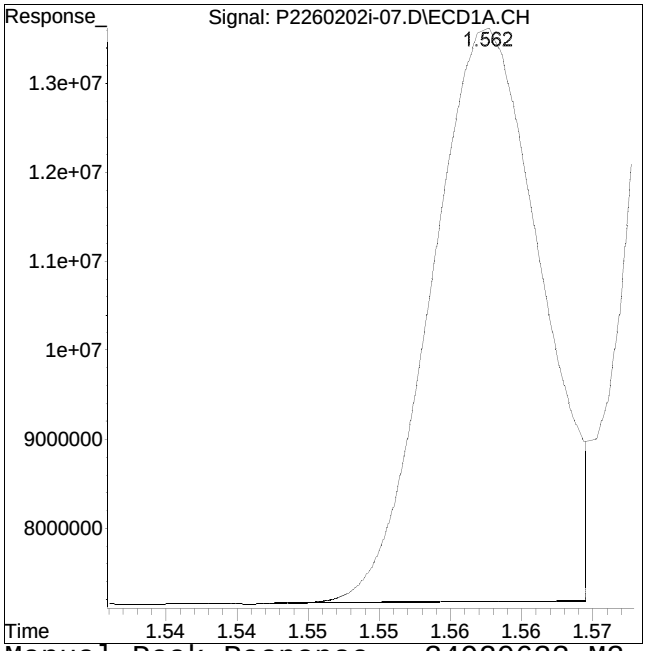
Original Peak Response = 58321440 Manual Peak Response = 58208820 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #16: 1221-2



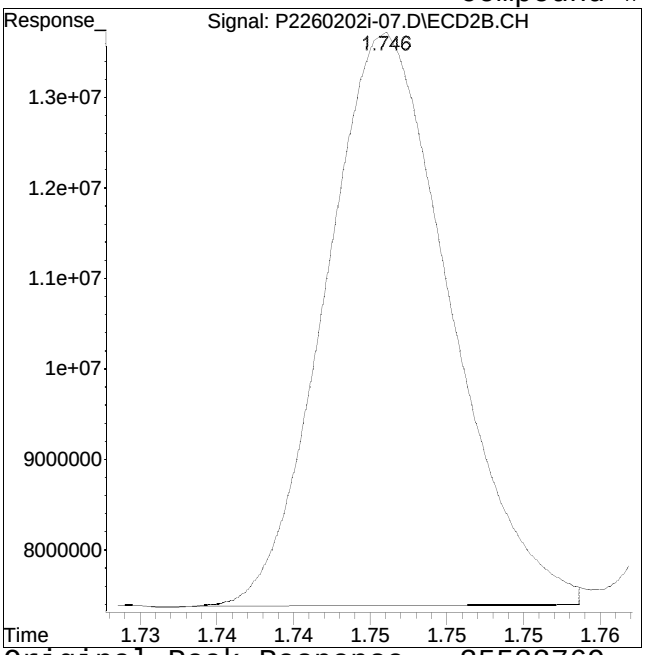


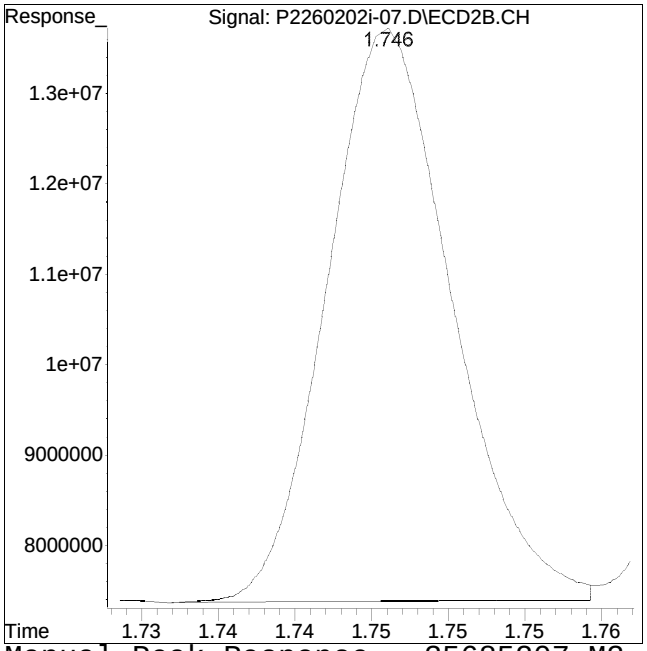
Original Peak Response = 34192352 Manual Peak Response = 34920633 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #67: 1221-2 #2



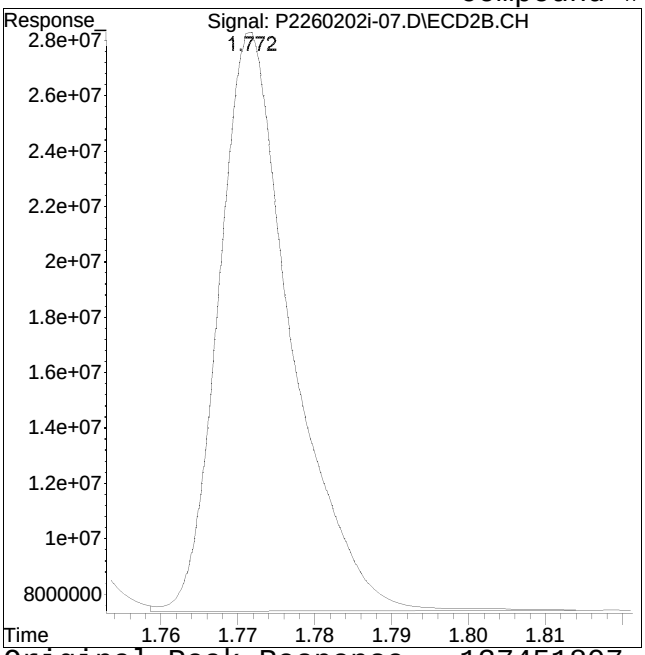


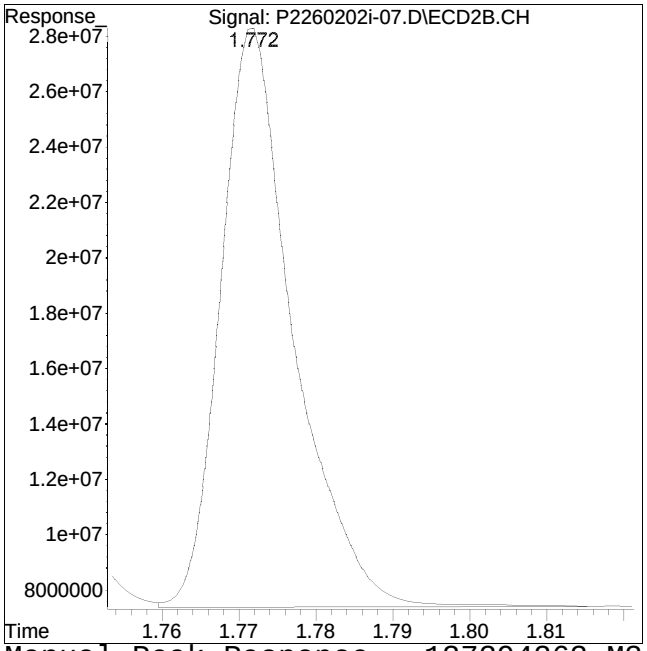
Original Peak Response = 35532769 Manual Peak Response = 35685207 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #68: 1221-3 #2



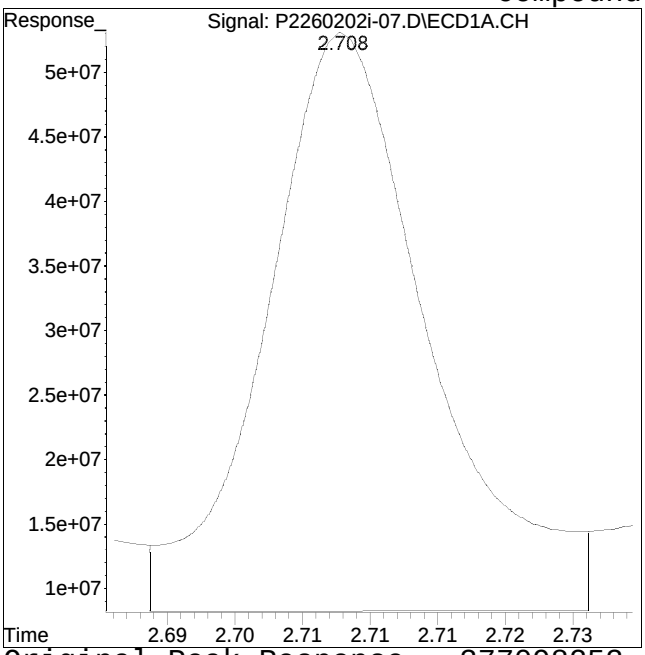


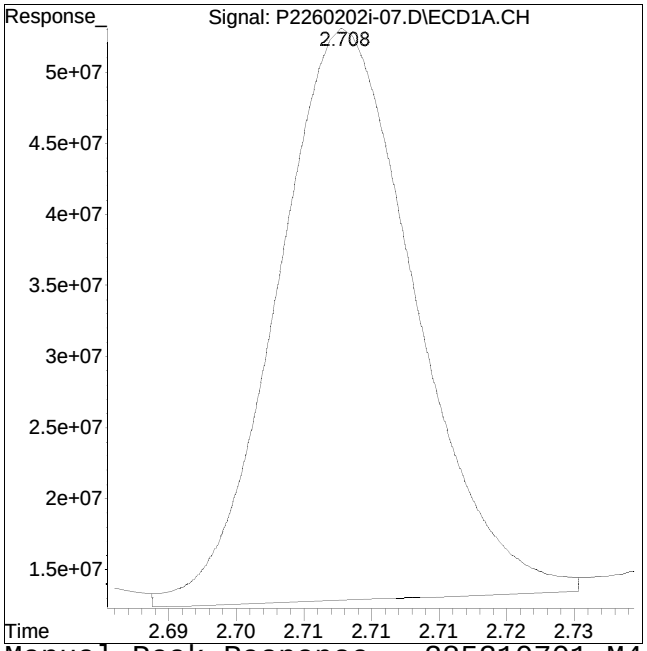
Original Peak Response = 137451807 Manual Peak Response = 137394263 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #21: 1254-4



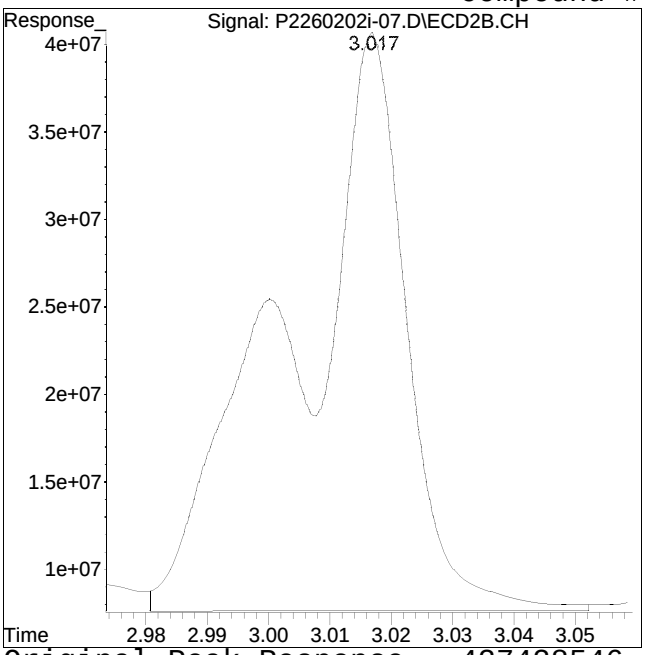


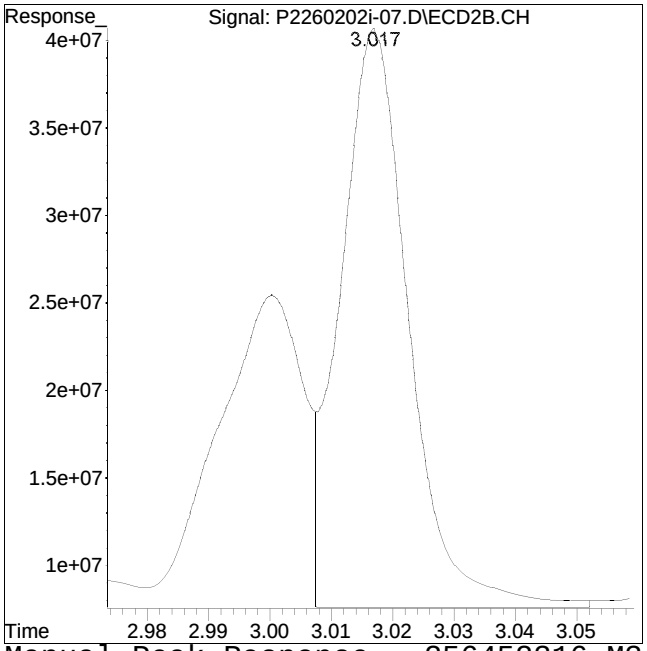
Original Peak Response = 377098253 Manual Peak Response = 285310701 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #72: 1254-4 #2



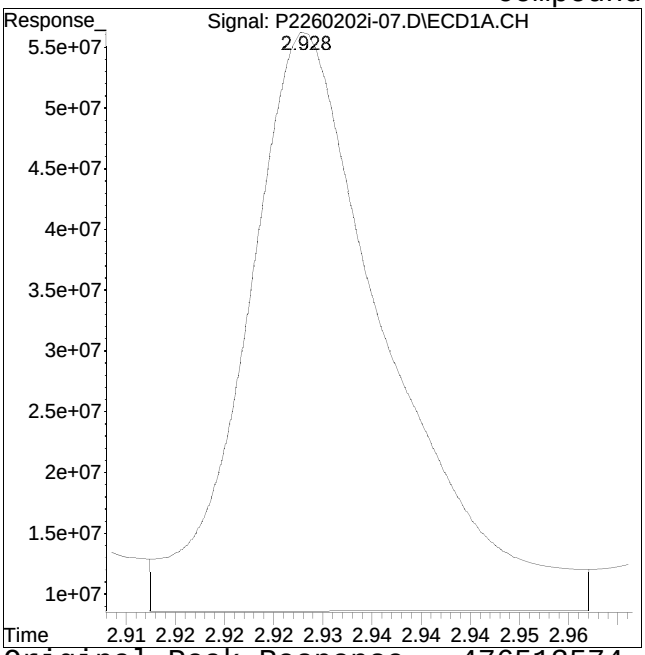


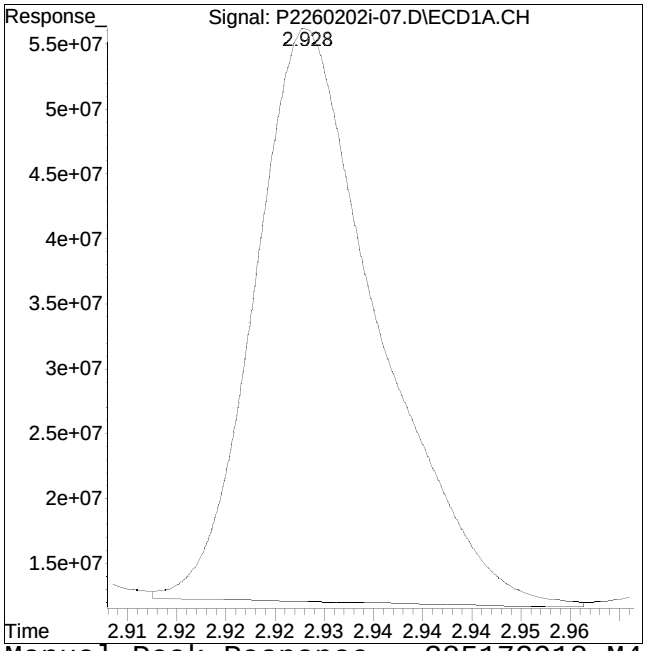
Original Peak Response = 427428546 Manual Peak Response = 256452316 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-07.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:29 Instrument : Pest 2
Sample : il92154,42e,,pp 12223 L250Quant Date : 2/4/2026 11:58 am

Compound #22: 1254-5





Original Peak Response = 476513574 Manual Peak Response = 385172918 M4
M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-08.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:39
Operator : pest2:sdc
Sample : il11660,42e,,pp 12222 L4RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:08:37 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:08:18 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.165	1.215	449.2E6	424.0E6	25.000M3	25.000M3
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.444	1.577	9105531	9856293	0.410	0.438M3
	Spiked Amount 50.000	Range 30 - 150		Recovery =		0.82%#	0.88%#
3) s	Decachlorobi	3.990	4.463	9251175	7506252	0.474M3	0.511M2
	Spiked Amount 50.000	Range 30 - 150		Recovery =		0.95%#	1.02%#
	Target Compounds						
4) l1	1016-1	1.580	1.772	1738625	2147651	4.606M2	5.235M2
5) l1	1016-2	1.718	1.938	3954742	4278106	4.591M2	4.485M2
6) l1	1016-3	1.905	2.136	7805943	9438630	4.281M2	4.953M2
7) l1	1016-4	1.959	2.195	3118971	3485443	4.260M2	4.540M2
8) l1	1016-5	2.126	2.402	3412890	2285550	4.386M2	4.027M2
	Sum 1016-1			20031170	21635381	22.124	23.239
	Average 1016-1					4.425	4.648
9) l2	1260-1	2.664	3.002	5099706	4580272	4.383M2	3.893M2
10) l2	1260-2	2.793	3.104	7320838	5758724	4.004M1	4.235M2

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-08.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:39
Operator : pest2:sdc
Sample : il11660,42e,,pp 12222 L4RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:08:37 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:08:18 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
11) l2	1260-3	3.106	3.490	3415999	4653786	3.723M2	4.659M2
12) l2	1260-4	3.260	3.620	8176757	8311914	3.975M2	4.451M2
13) l2	1260-5	3.408	3.819	6186289	5803070	3.982M2	4.410M2
Sum	1260-1			30199589	29107766	NoCal	NoCal D
Average	1260-1					4.013	4.330
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D.	N.D.
17) l3	1221-3	0.000	0.000	0	0	N.D.	N.D.
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D.	N.D.
19) l4	1254-2	0.000	0.000	0	0	N.D.	N.D.
20) l4	1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4	1254-4	0.000	0.000	0	0	N.D.	N.D.
22) l4	1254-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D.	N.D.
25) l6	1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6	1242-3	0.000	0.000	0	0	N.D.	N.D.
27) l6	1242-4	0.000	0.000	0	0	N.D.	N.D.
28) l6	1242-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-08.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:39
Operator : pest2:sdc
Sample : il11660,42e,,pp 12222 L4RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:08:37 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:08:18 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
30) l9	1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D.	N.D.
36) l7	1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7	1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7	1248-4	0.000	0.000	0	0	N.D.	N.D.
39) l7	1248-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D.	N.D.
42) l5	1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5	1232-3	0.000	0.000	0	0	N.D.	N.D.
44) l5	1232-4	0.000	0.000	0	0	N.D.	N.D.
45) l5	1232-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8	1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-08.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:39
Operator : pest2:sdc
Sample : il11660,42e,,pp 12222 L4RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:08:37 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:08:18 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

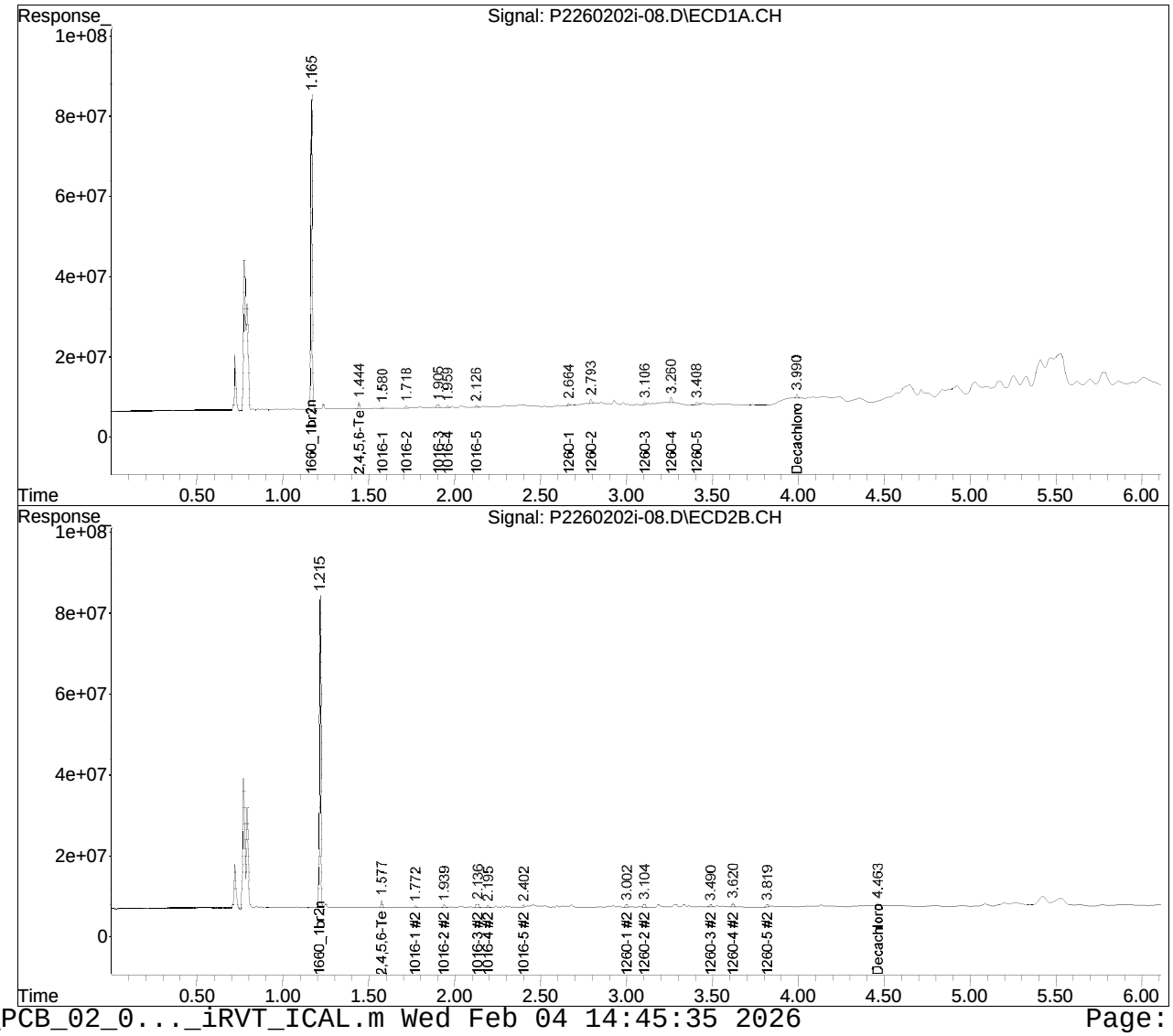
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-08.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:39
Operator : pest2:sdc
Sample : il11660,42e,,pp 12222 L4RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:08:37 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:08:18 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

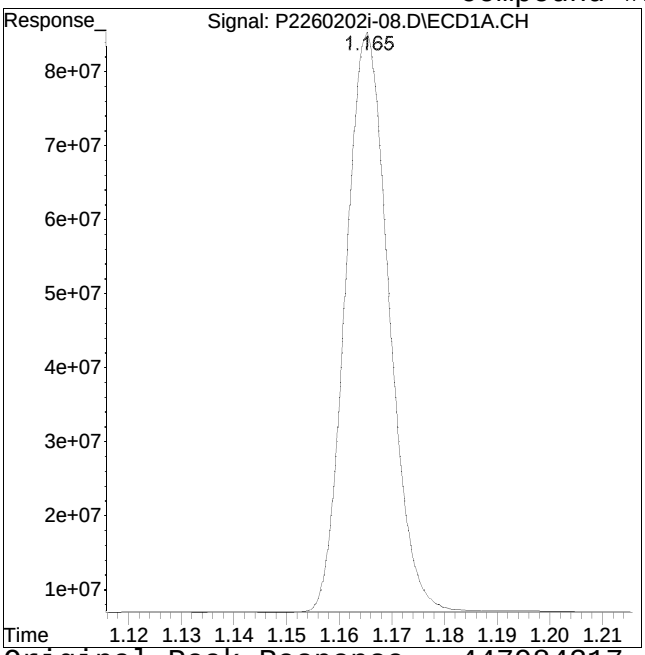
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

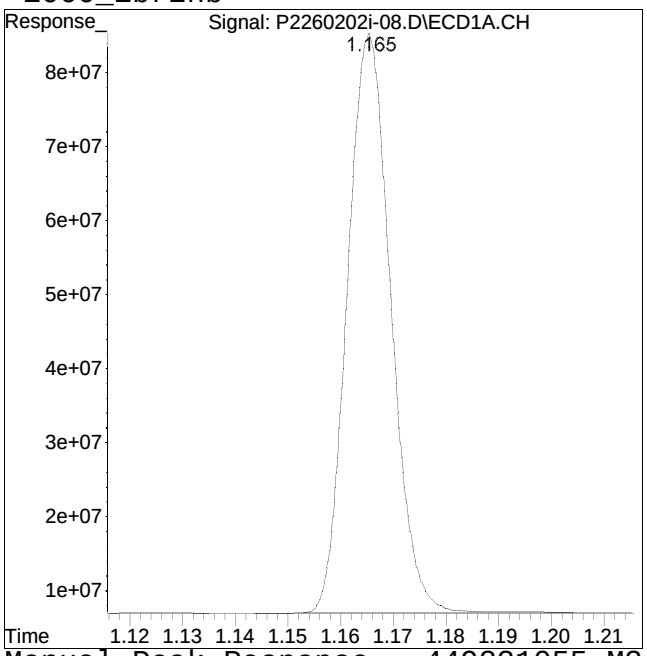


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #1: 1660_1br2nb



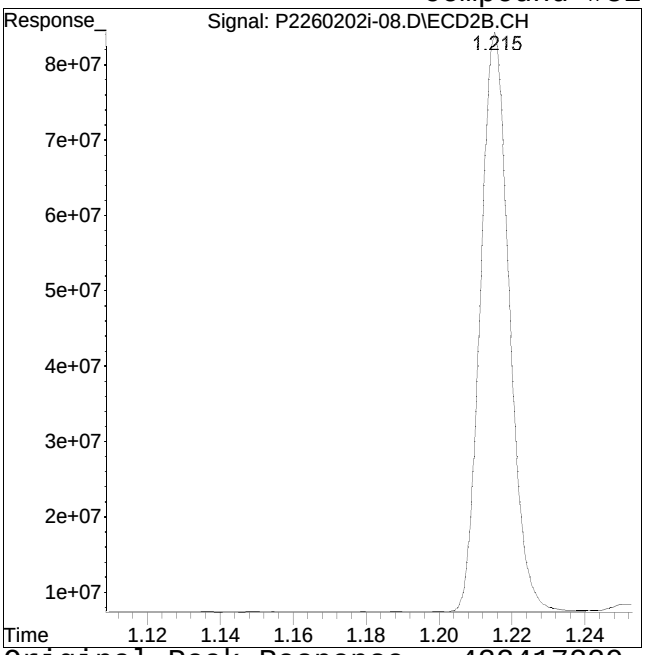


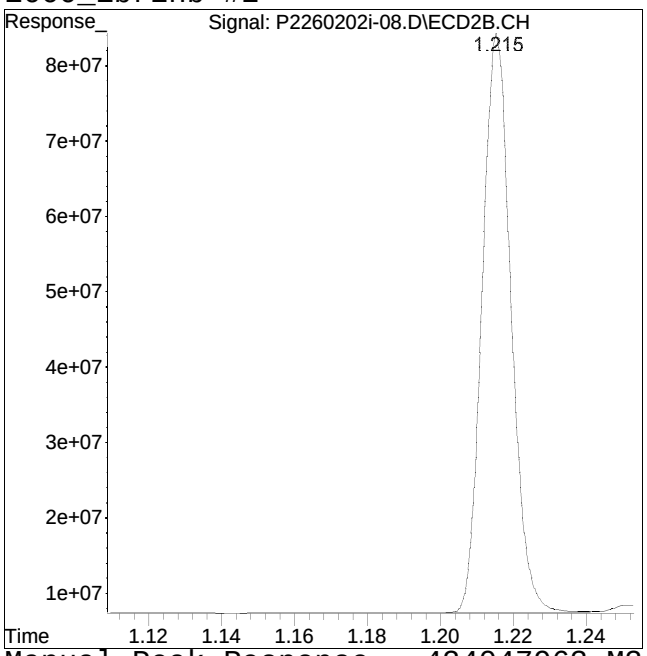
Original Peak Response = 447984317 Manual Peak Response = 449231055 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #52: 1660_1br2nb #2



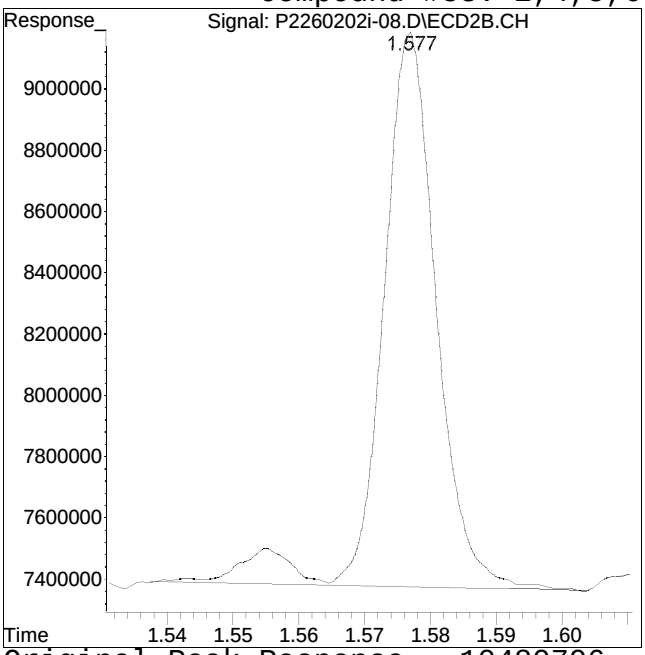


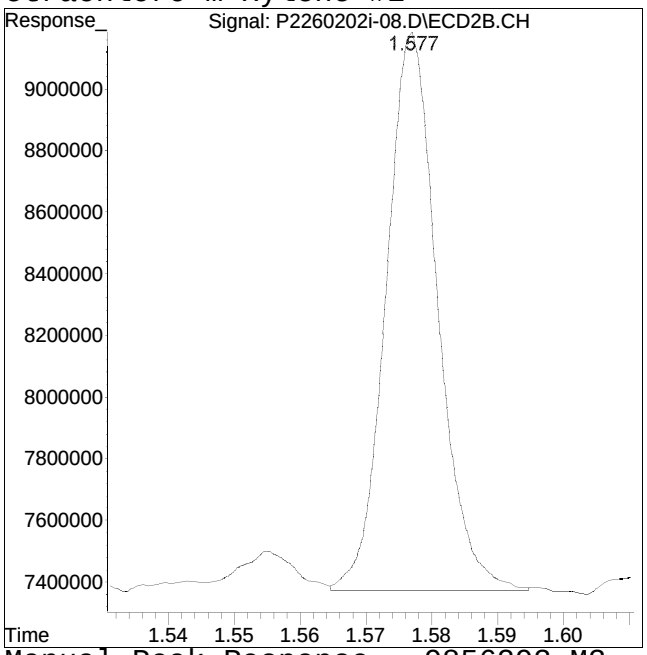
Original Peak Response = 422417229 Manual Peak Response = 424047963 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #53: 2,4,5,6-Tetrachloro-m-xylene #2



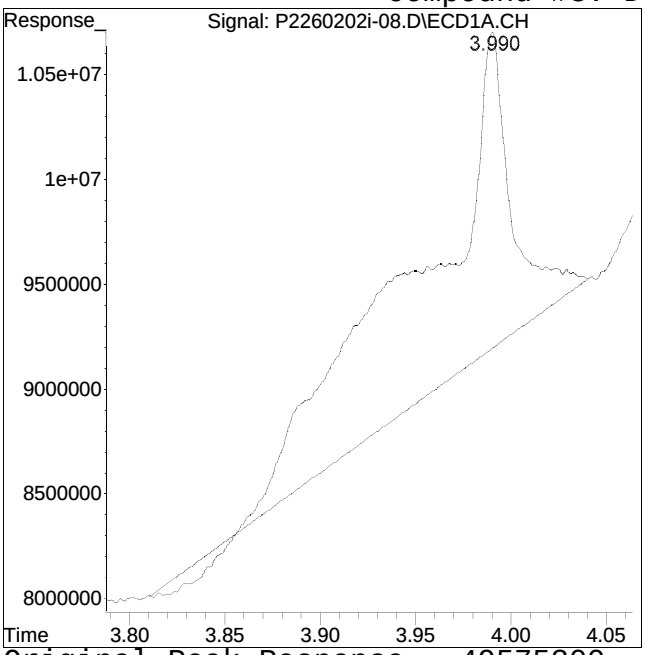


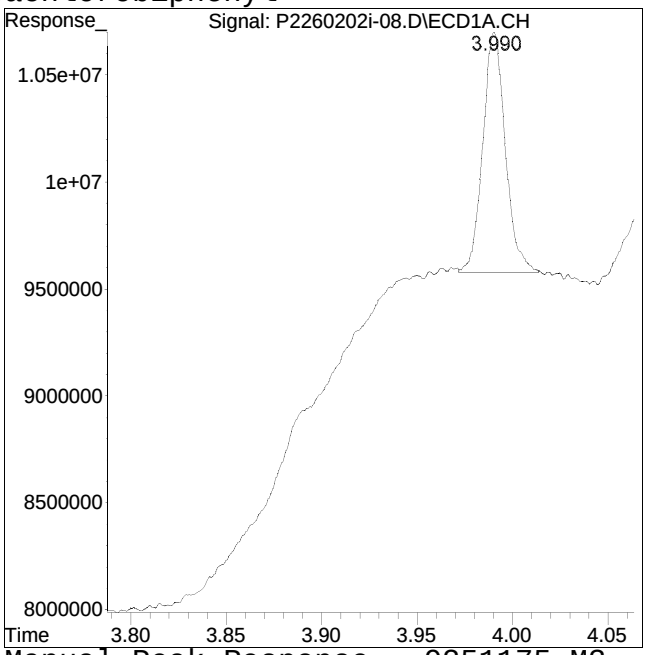
Original Peak Response = 10480796 Manual Peak Response = 9856293 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #3: Decachlorobiphenyl



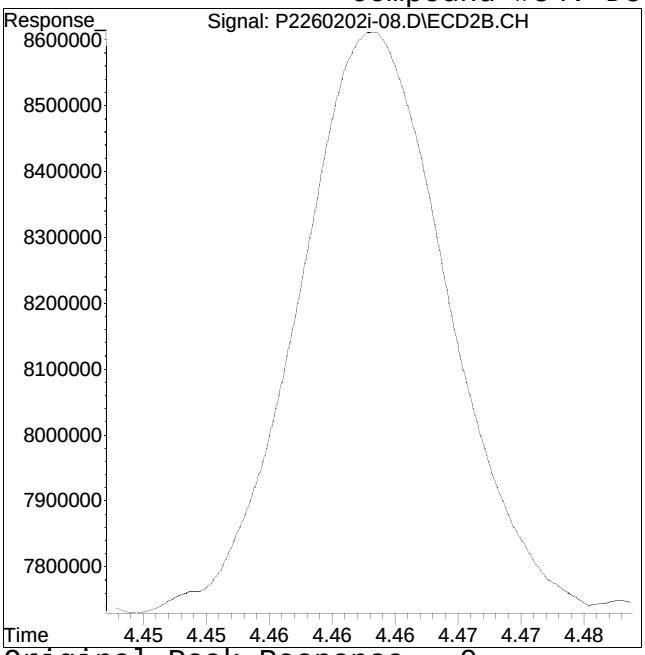


Original Peak Response = 49575300 Manual Peak Response = 9251175 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

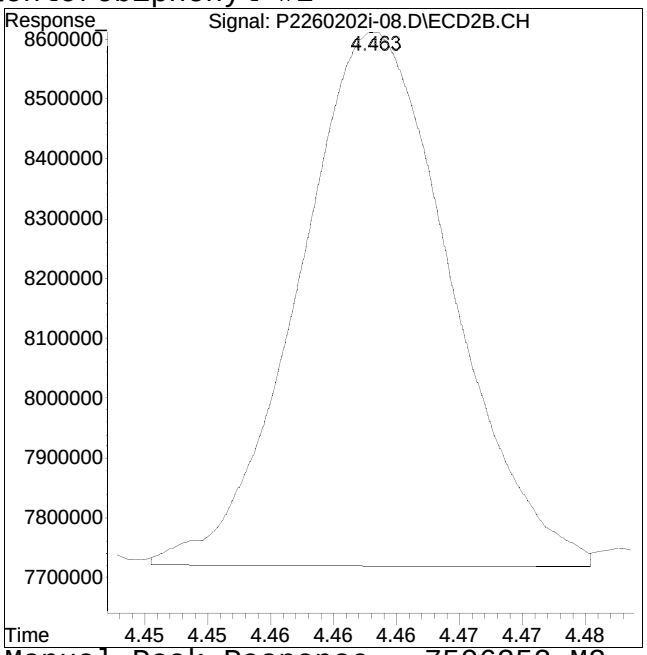
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #54: Decachlorobiphenyl #2



Original Peak Response = 0



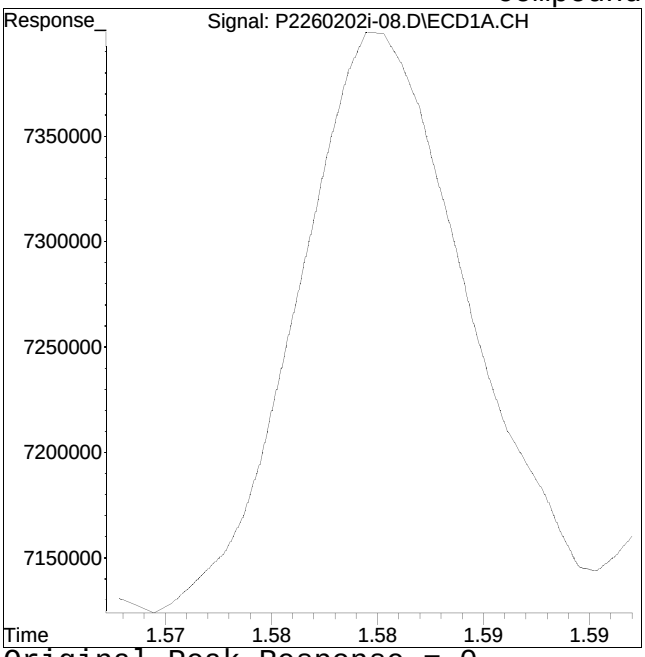
Manual Peak Response = 7506252 M2

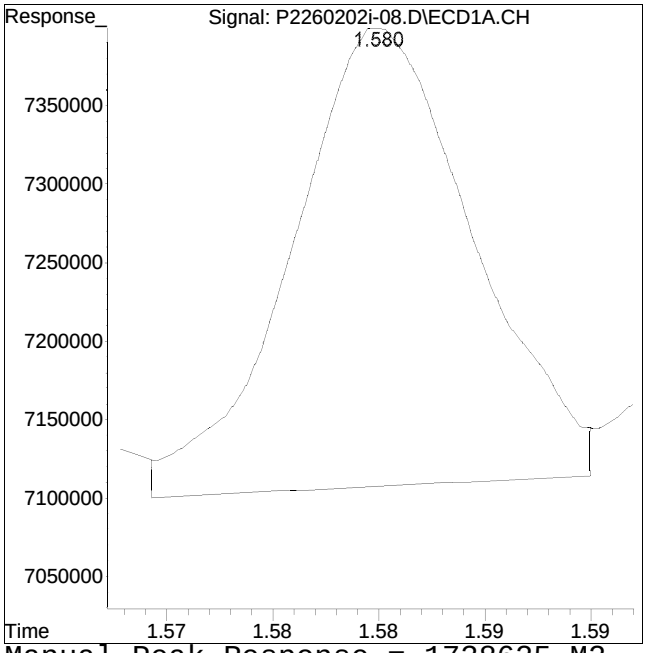
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #4: 1016-1



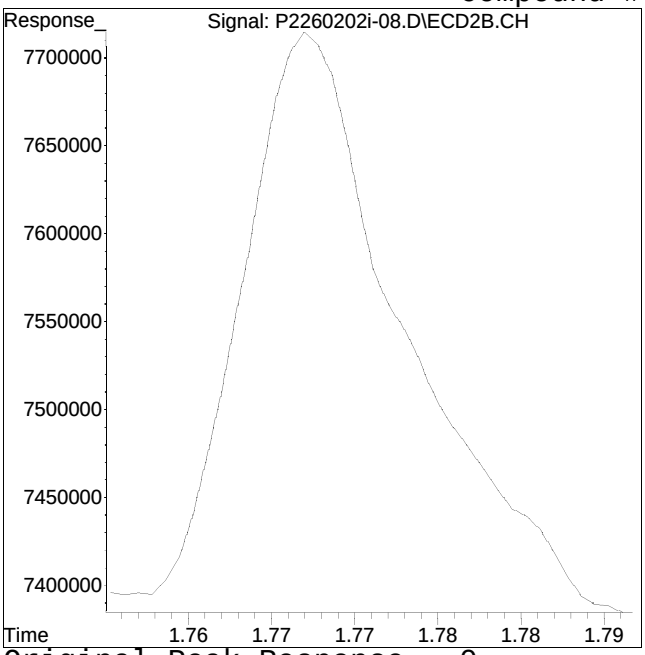


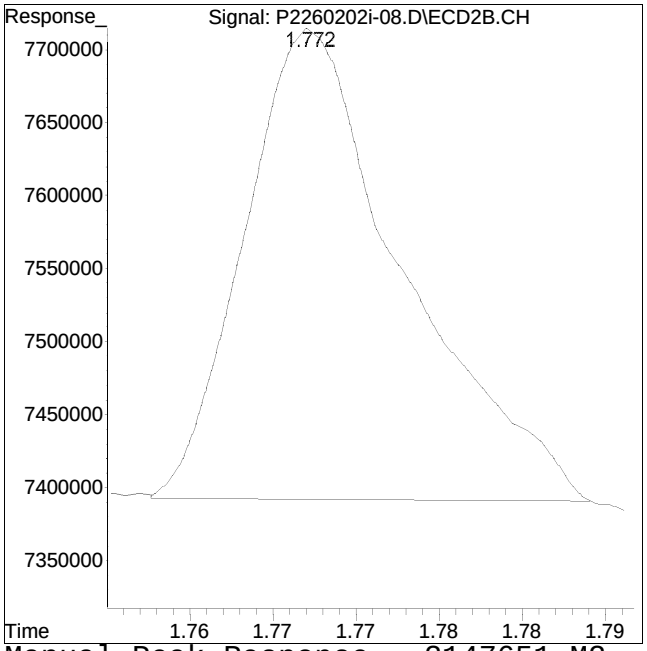
Original Peak Response = 0 Manual Peak Response = 1738625 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #55: 1016-1 #2



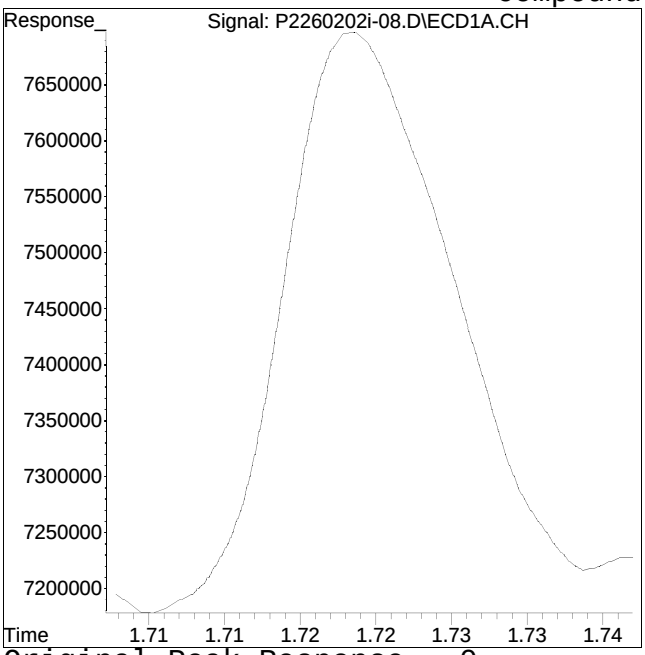


Original Peak Response = 0 Manual Peak Response = 2147651 M2
M2 = Peak not found by automatic integration algorithm.

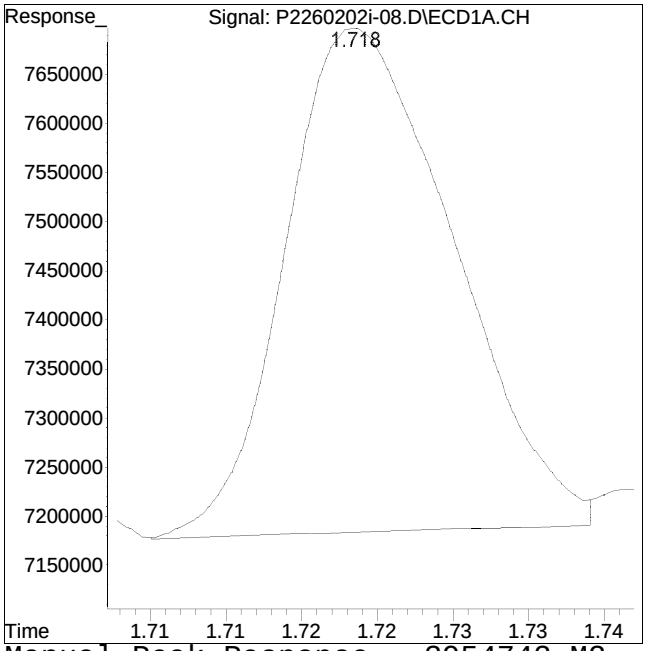
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #5: 1016-2



Original Peak Response = 0



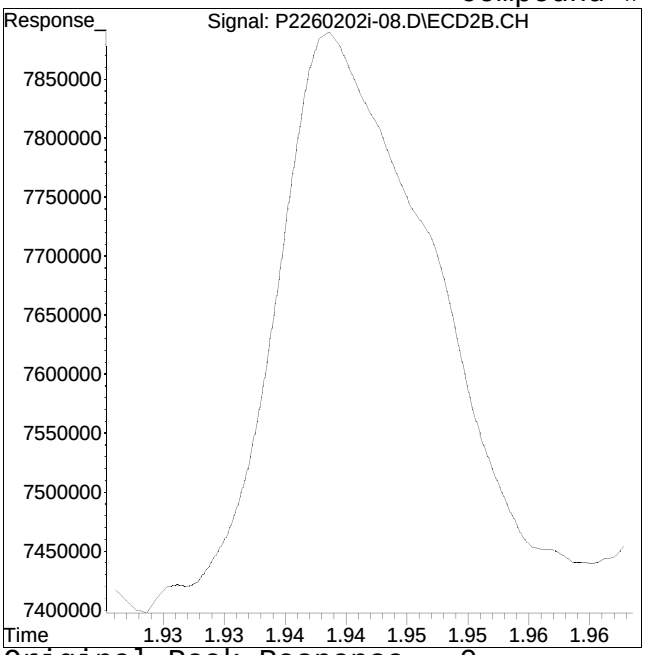
Manual Peak Response = 3954742 M2

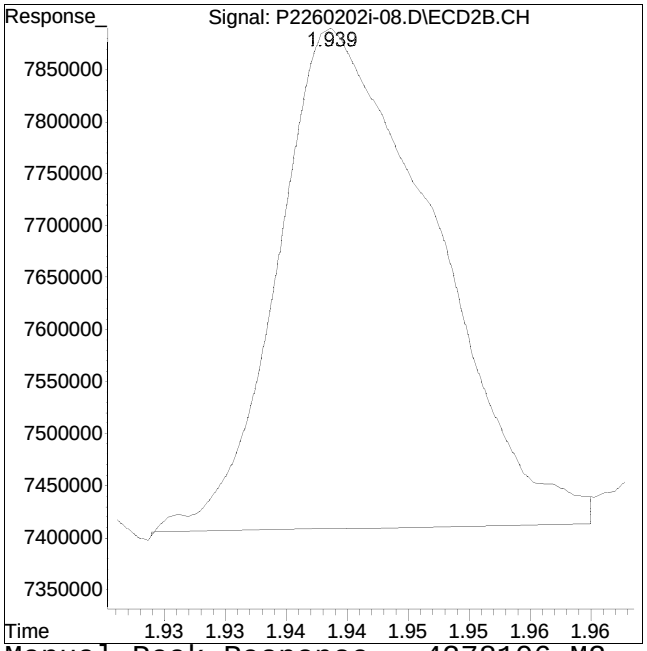
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #56: 1016-2 #2



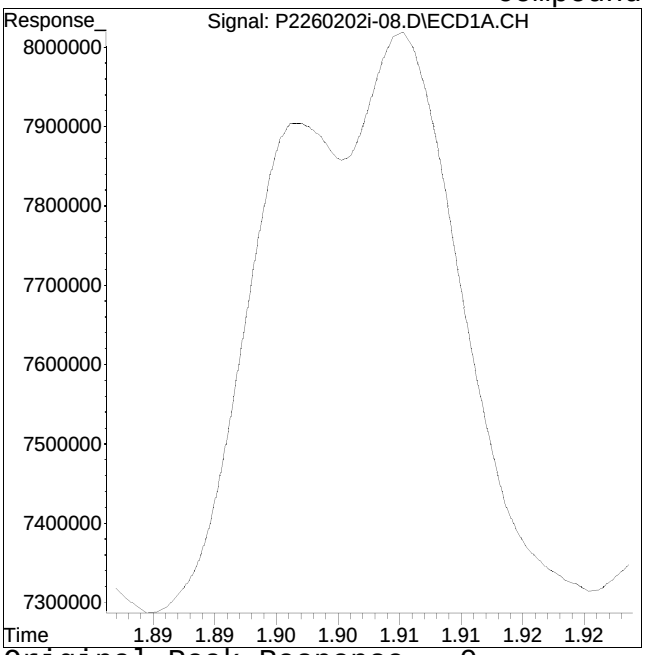


Original Peak Response = 0 Manual Peak Response = 4278106 M2
M2 = Peak not found by automatic integration algorithm.

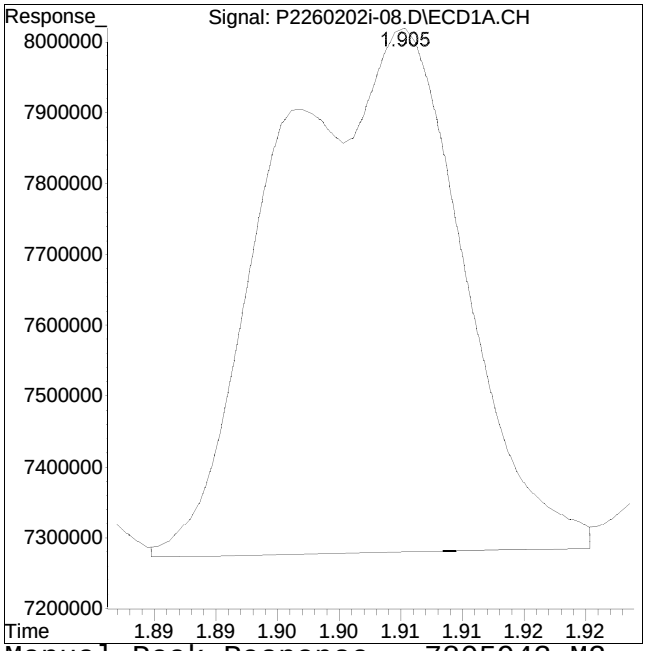
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #6: 1016-3



Original Peak Response = 0



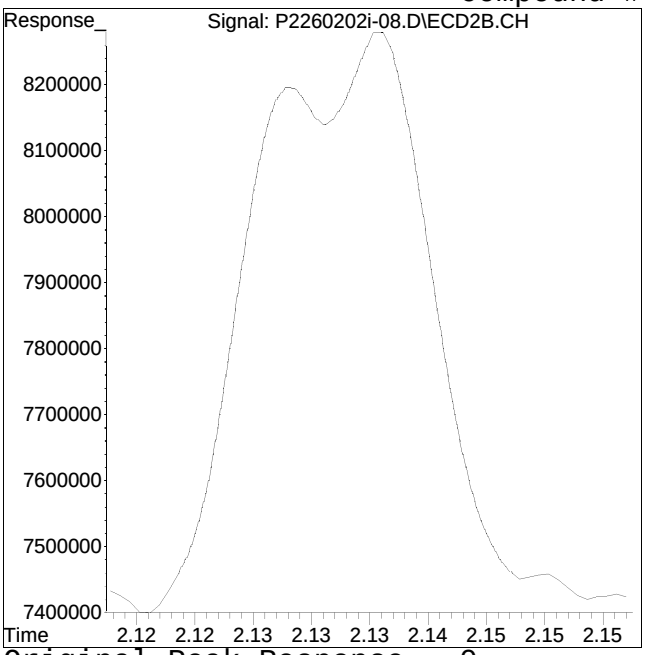
Manual Peak Response = 7805943 M2

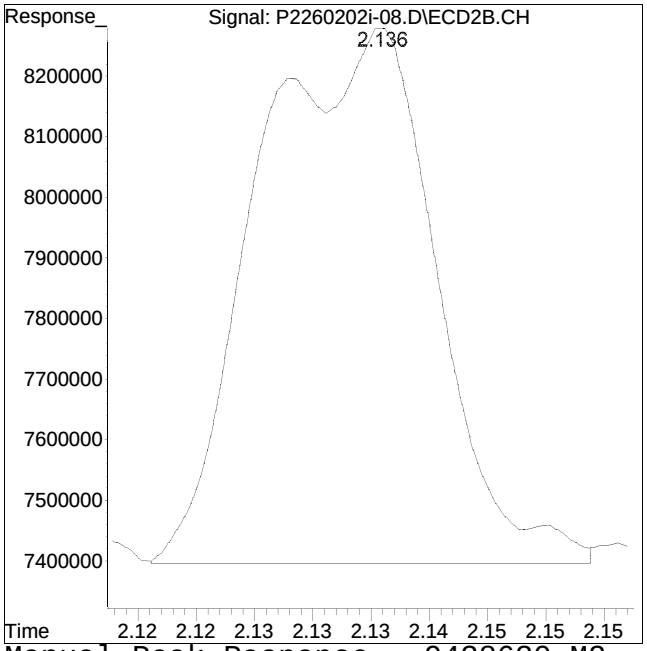
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #57: 1016-3 #2



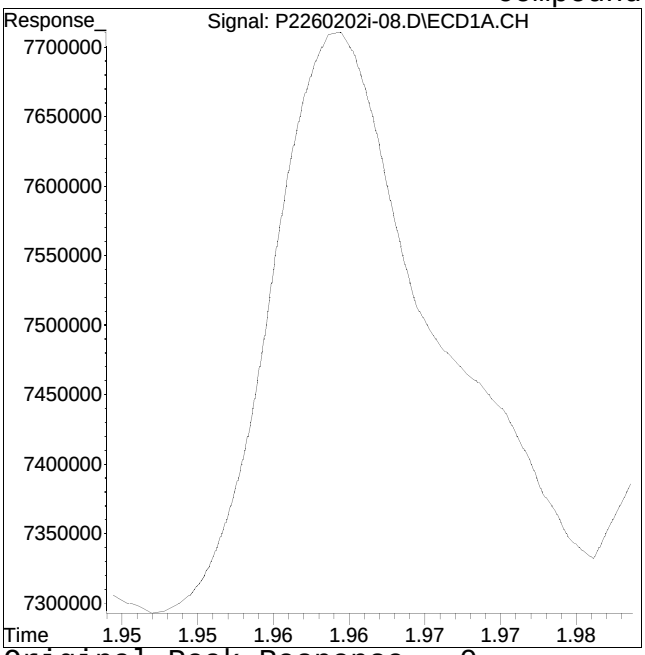


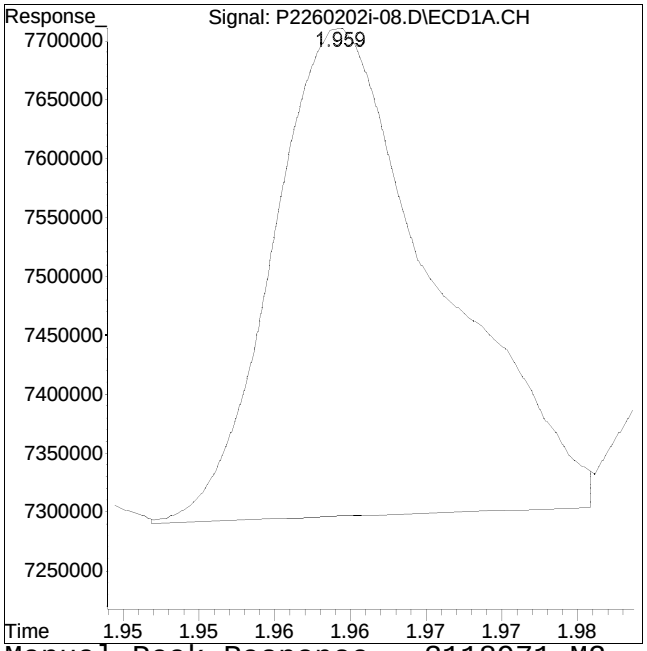
Original Peak Response = 0 Manual Peak Response = 9438630 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #7: 1016-4



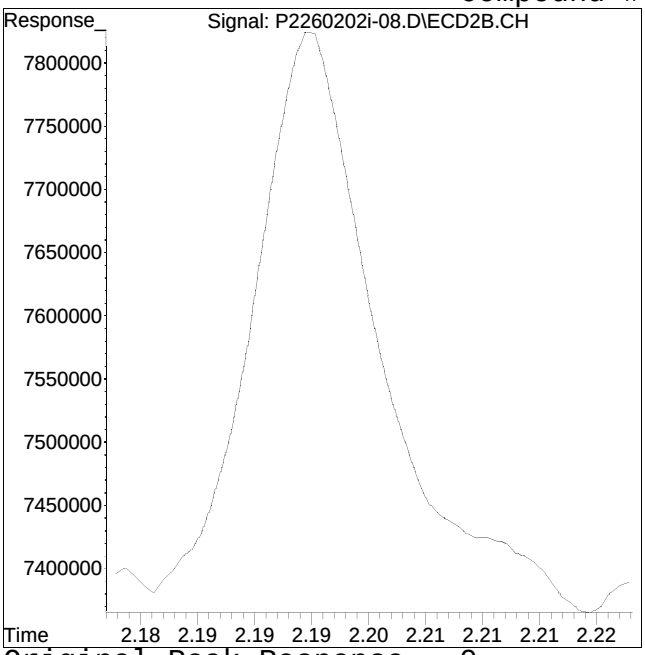


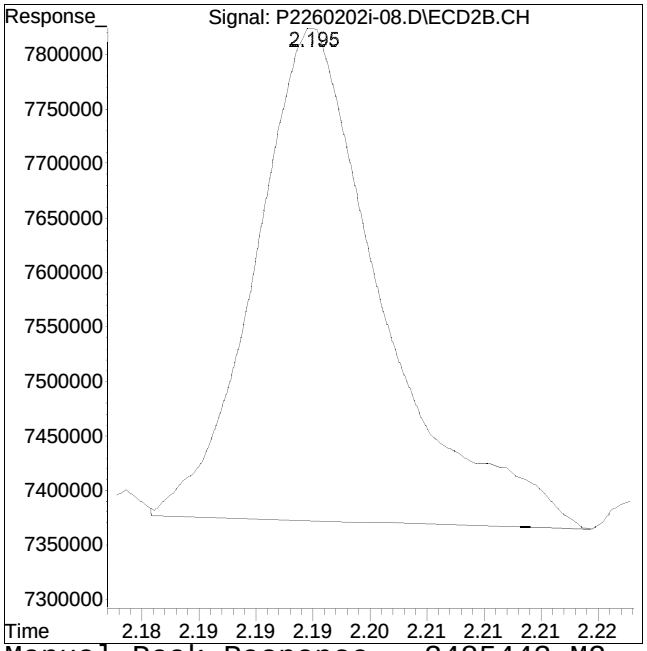
Original Peak Response = 0 Manual Peak Response = 3118971 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #58: 1016-4 #2



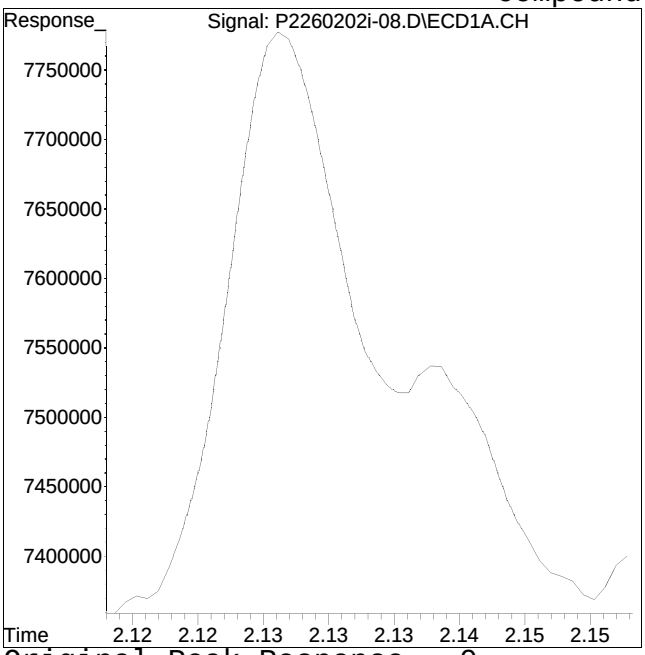


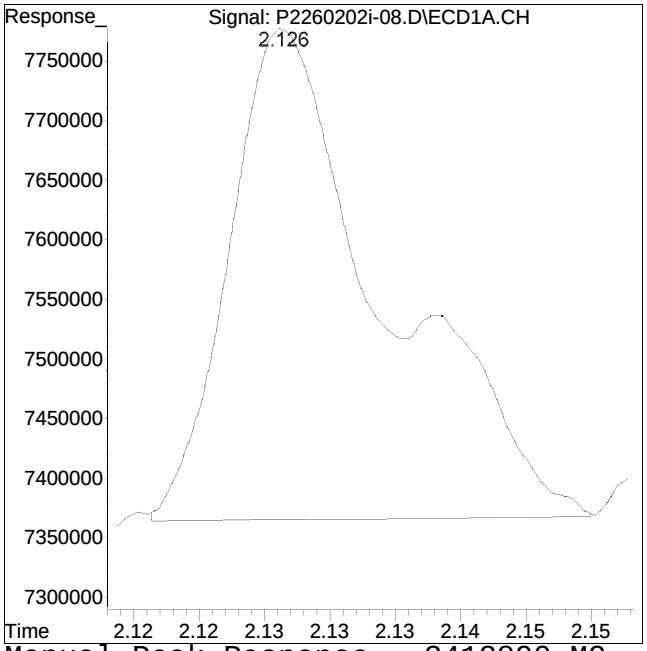
Original Peak Response = 0 Manual Peak Response = 3485443 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #8: 1016-5



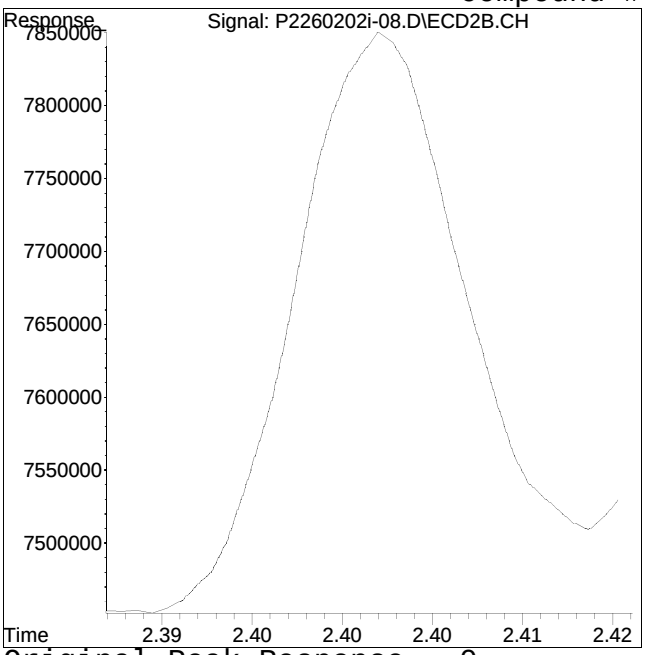


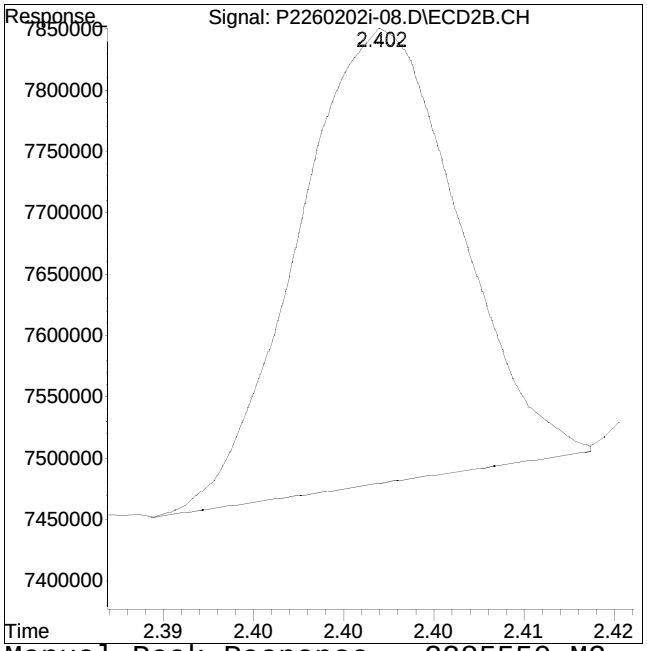
Original Peak Response = 0 Manual Peak Response = 3412890 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #59: 1016-5 #2



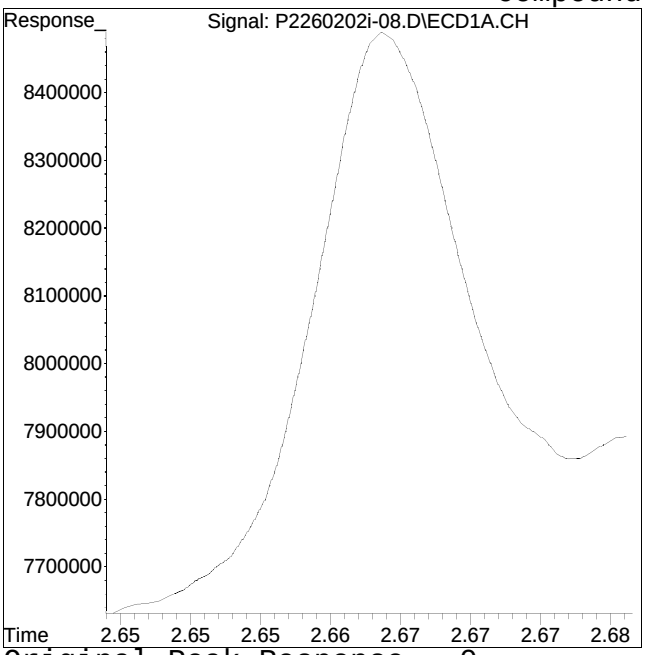


Original Peak Response = 0 Manual Peak Response = 2285550 M2
M2 = Peak not found by automatic integration algorithm.

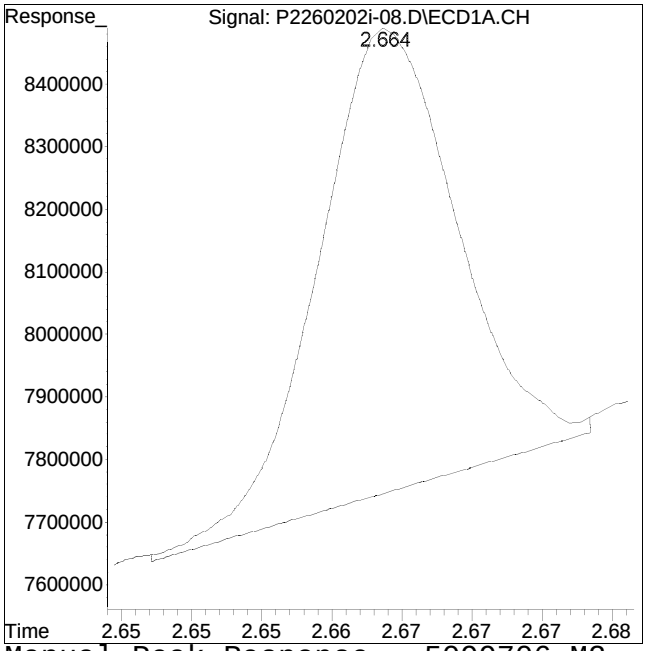
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #9: 1260-1



Original Peak Response = 0



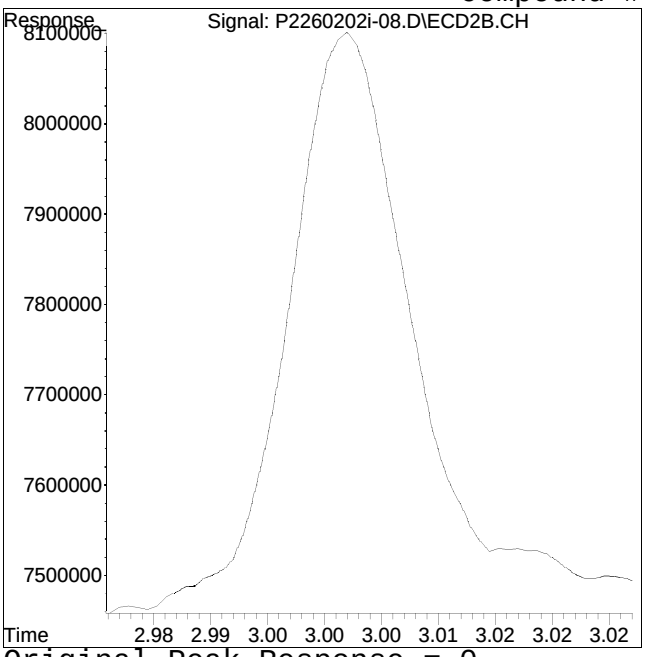
Manual Peak Response = 5099706 M2

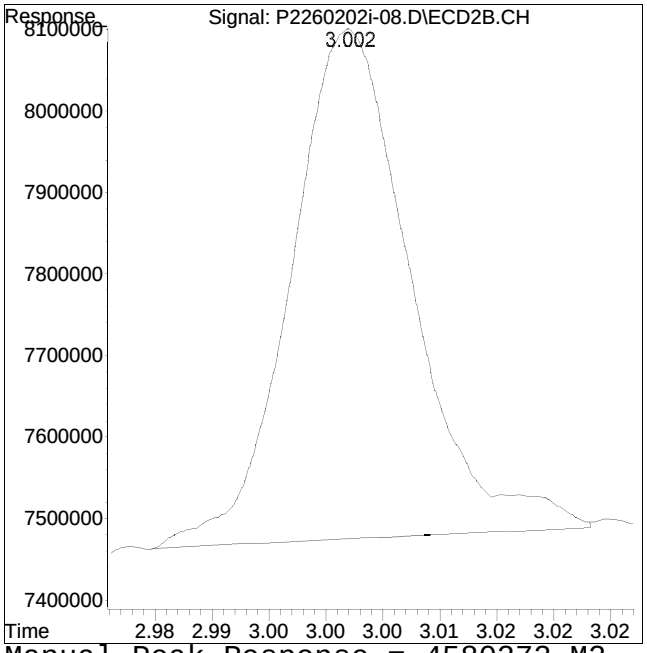
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #60: 1260-1 #2



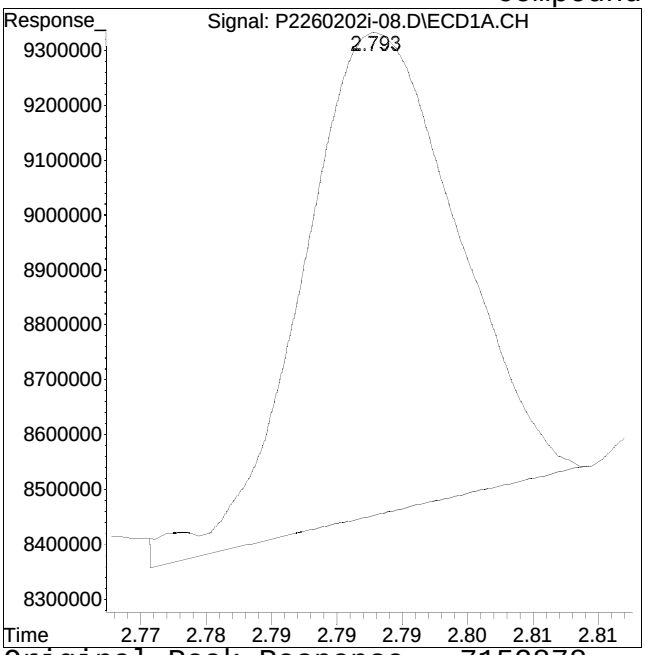


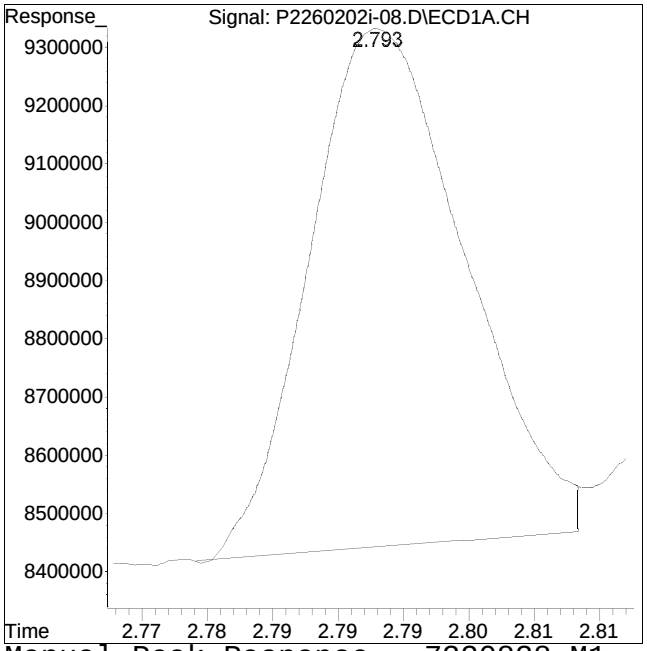
Original Peak Response = 0 Manual Peak Response = 4580272 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #10: 1260-2



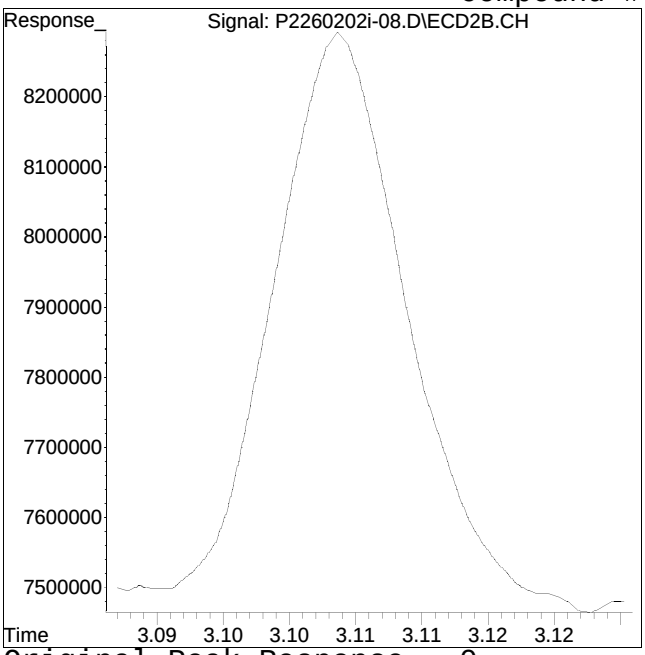


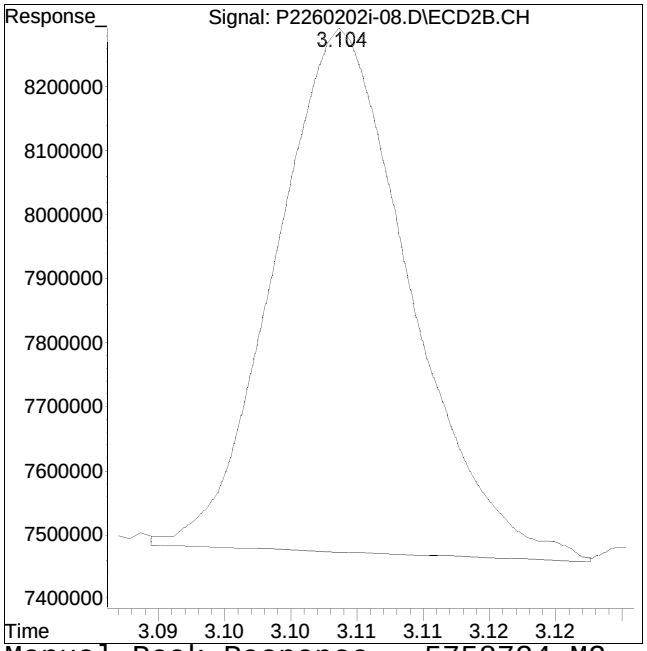
Original Peak Response = 7152878 Manual Peak Response = 7320838 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #61: 1260-2 #2



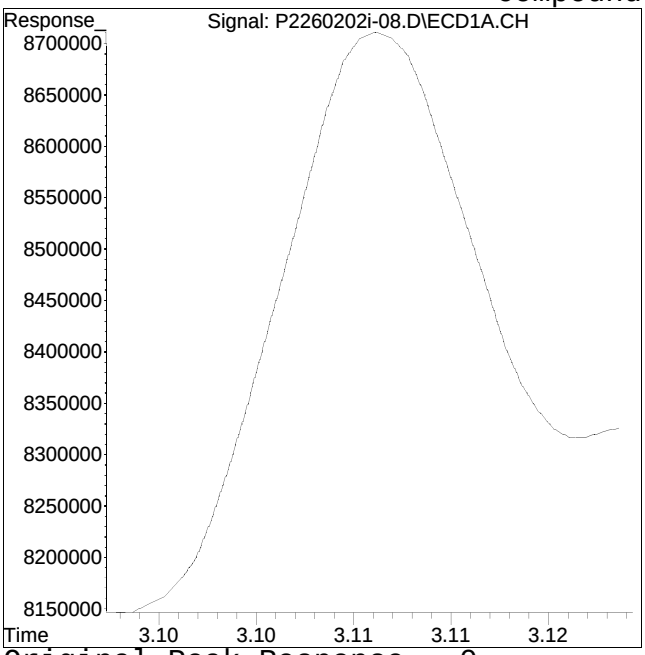


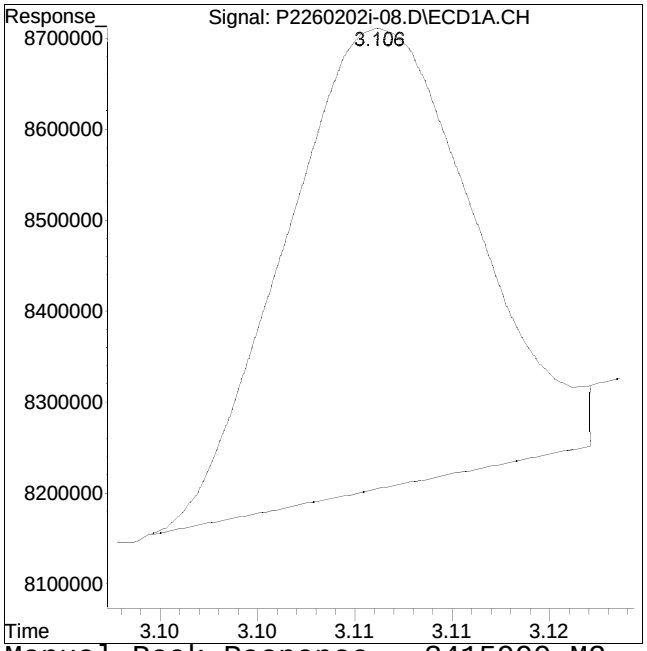
Original Peak Response = 0 Manual Peak Response = 5758724 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #11: 1260-3



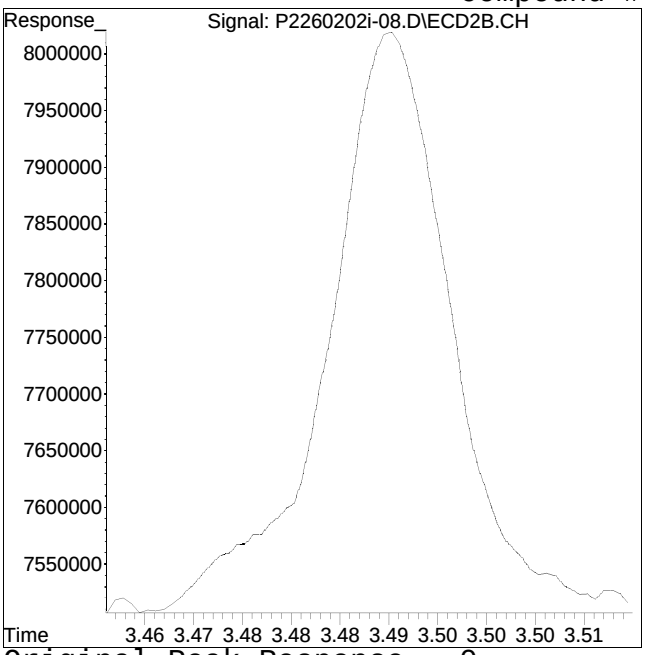


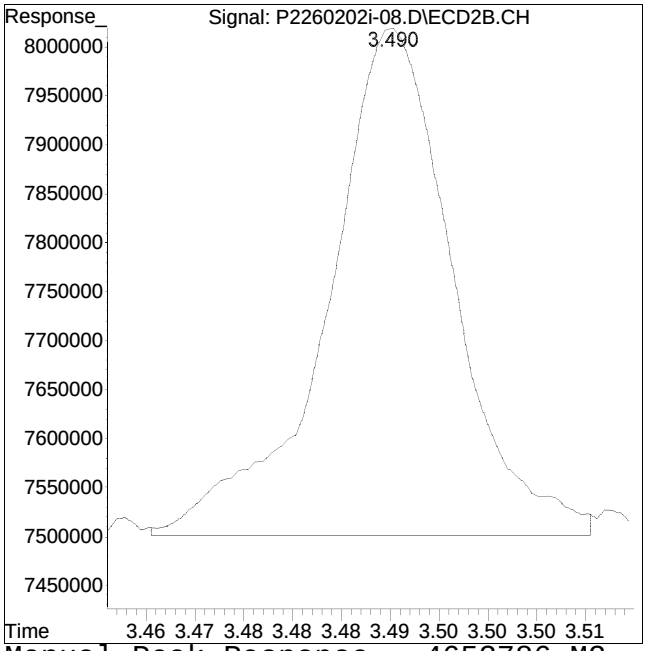
Original Peak Response = 0 Manual Peak Response = 3415999 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #62: 1260-3 #2



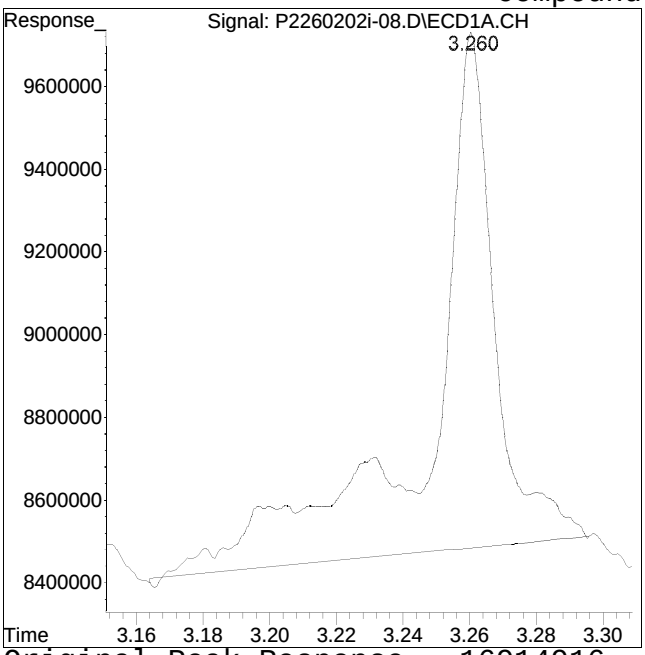


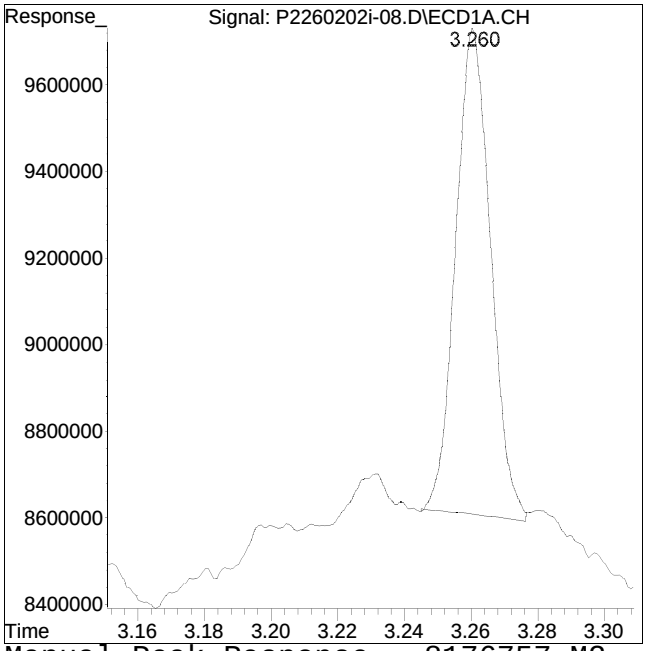
Original Peak Response = 0 Manual Peak Response = 4653786 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #12: 1260-4



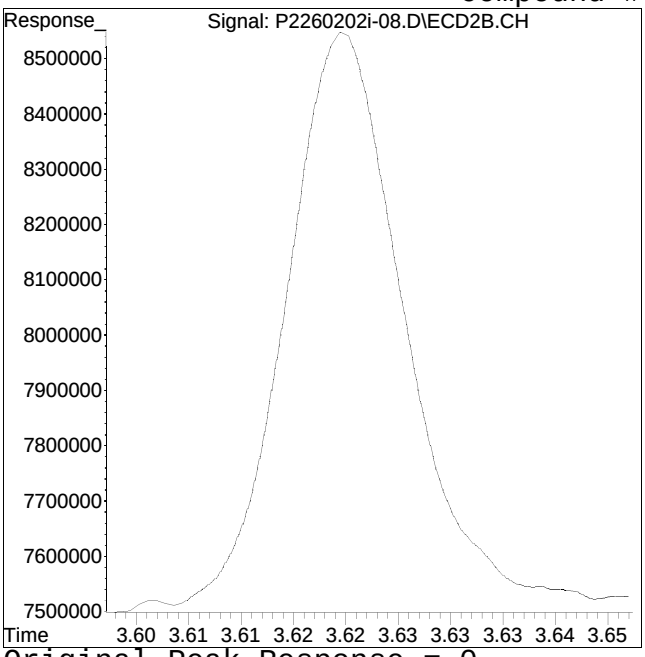


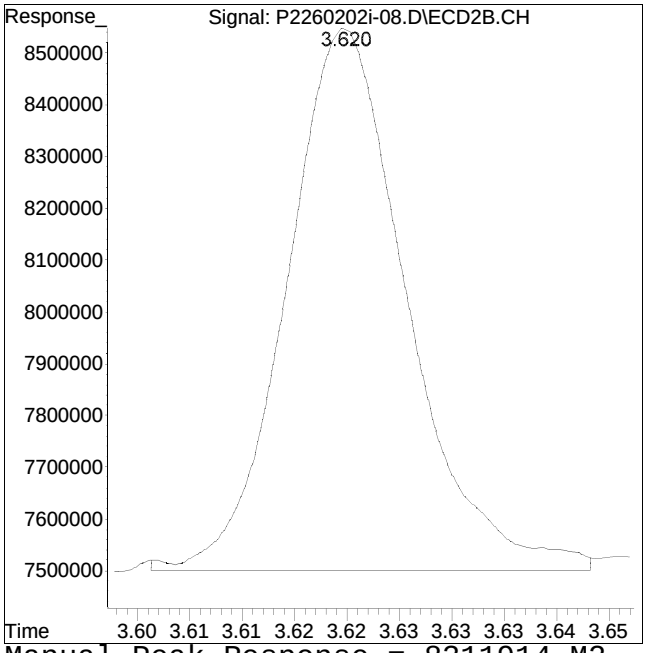
Original Peak Response = 16914916 Manual Peak Response = 8176757 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #63: 1260-4 #2



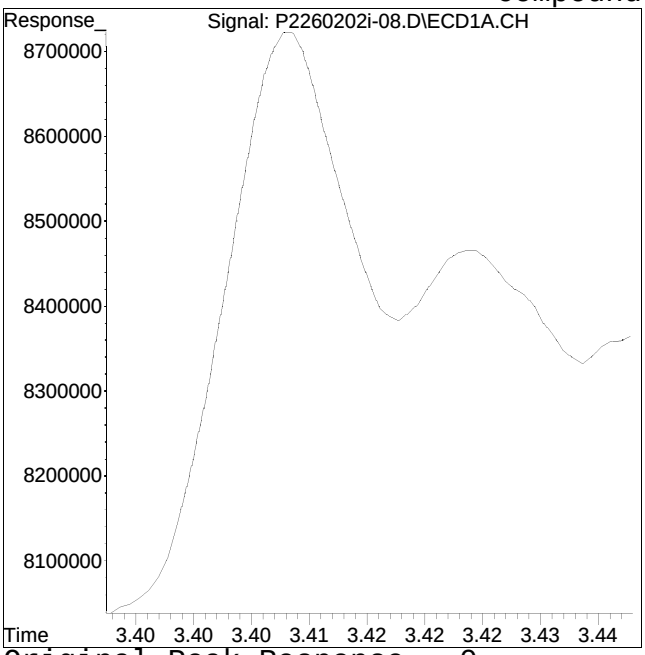


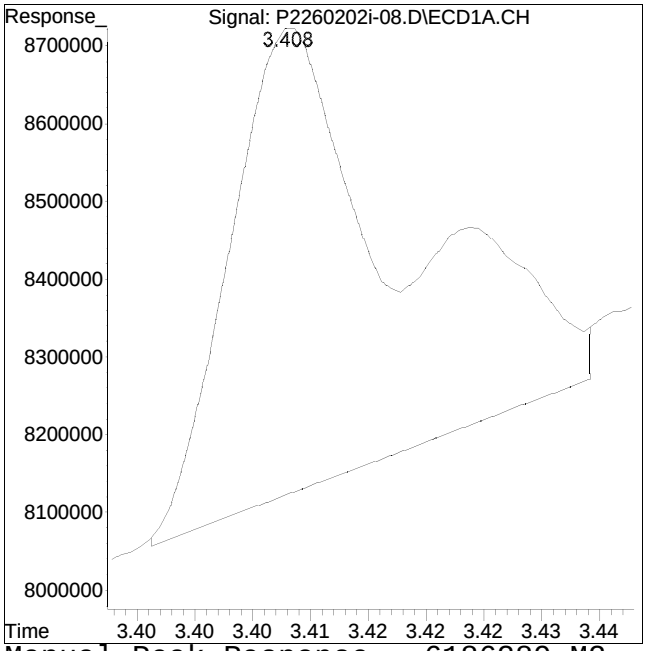
Original Peak Response = 0 Manual Peak Response = 8311914 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #13: 1260-5



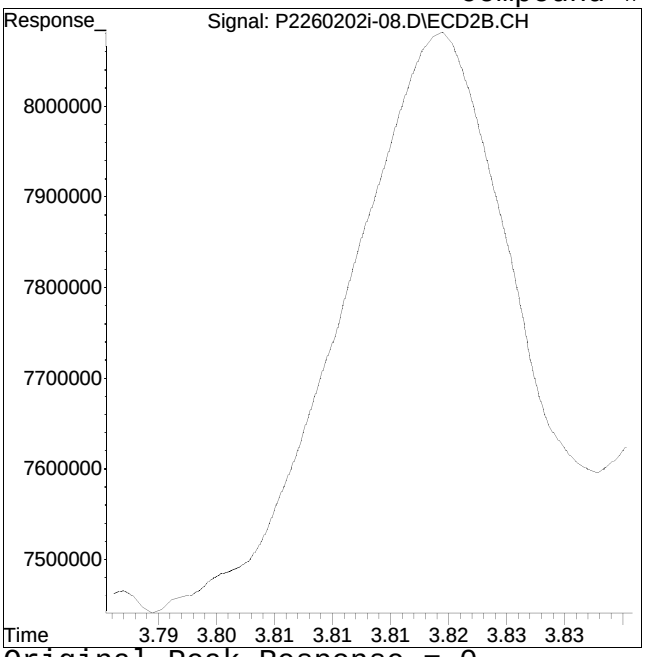


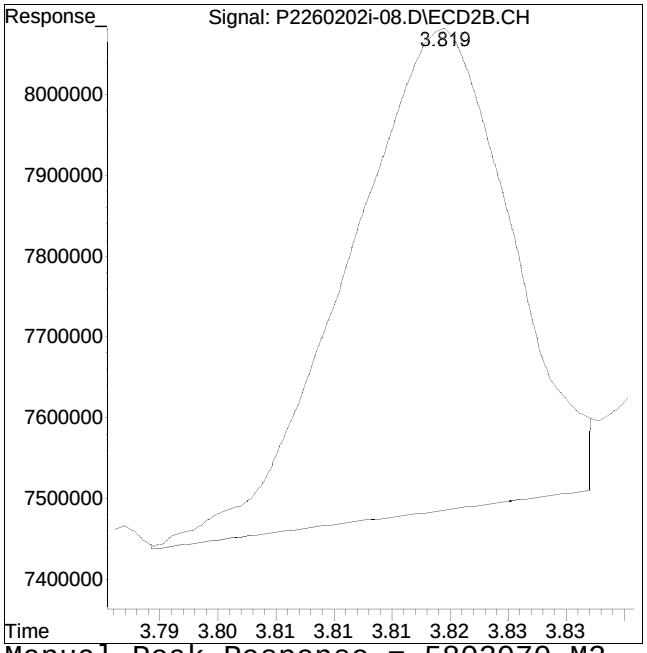
Original Peak Response = 0 Manual Peak Response = 6186289 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-08.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:39 Instrument : Pest 2
Sample : il11660,42e,,pp 12222 L4RVQuant Date : 2/4/2026 11:08 am

Compound #64: 1260-5 #2





Original Peak Response = 0 Manual Peak Response = 5803070 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:48
Operator : pest2:sdc
Sample : il21660,42e,,pp 12222 L7RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:01:20 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:00:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.166	1.216	464.7E6	446.4E6	25.000M3	25.000M3
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.444	1.578	15540656	17611534	0.673	0.737
	Spiked Amount 50.000	Range 30 - 150		Recovery =		1.35%#	1.47%#
3) s	Decachlorobi	3.990	4.463	14797349	13202960	0.729M4	0.846M4
	Spiked Amount 50.000	Range 30 - 150		Recovery =		1.46%#	1.69%#
	Target Compounds						
4) l1	1016-1	1.580	1.772	2907515	3335610	7.465M2	7.606M2
5) l1	1016-2	1.718	1.939	6626534	6863452	7.465M2	6.778M4
6) l1	1016-3	1.905	2.136	13257064	15037757	6.990M2	7.436M2
7) l1	1016-4	1.959	2.195	5312638	6262346	6.871M2	7.600M2
8) l1	1016-5	2.127	2.402	5664115	4230972	6.923M2	6.953M2
	Sum 1016-1			33767867	35730136	35.714	36.373
	Average 1016-1					7.143	7.275
9) l2	1260-1	2.664	3.002	8570140	8617540	7.048	6.976M3
10) l2	1260-2	2.793	3.104	13491264	10259957	7.070M3	7.073M3

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:48
Operator : pest2:sdc
Sample : il21660,42e,,pp 12222 L7RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:01:20 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:00:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
11) l2	1260-3	3.106	3.491	6037082	7642198	6.243M2	7.142M3
12) l2	1260-4	3.261	3.620	14461125	14059101	6.755M3	7.071M3
13) l2	1260-5	3.408	3.819	11653096	10046501	7.221M2	7.172M2
Sum	1260-1			54212707	50625298	NoCal	NoCal D
Average	1260-1					6.868	7.087
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D.	N.D.
17) l3	1221-3	0.000	0.000	0	0	N.D.	N.D.
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D.	N.D.
19) l4	1254-2	0.000	0.000	0	0	N.D.	N.D.
20) l4	1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D.	N.D.
25) l6	1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D.	N.D.
28) l6	1242-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9	1268-2	0.000	0.000	0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:48
Operator : pest2:sdc
Sample : il21660,42e,,pp 12222 L7RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:01:20 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:00:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7	1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7	1248-4	0.000	0.000	0	0	N.D.	N.D.
39) l7	1248-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D.	N.D.
42) l5	1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D.	N.D.
45) l5	1232-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8	1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:48
Operator : pest2:sdc
Sample : il21660,42e,,pp 12222 L7RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:01:20 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:00:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Average 1262-1					0.000	0.000

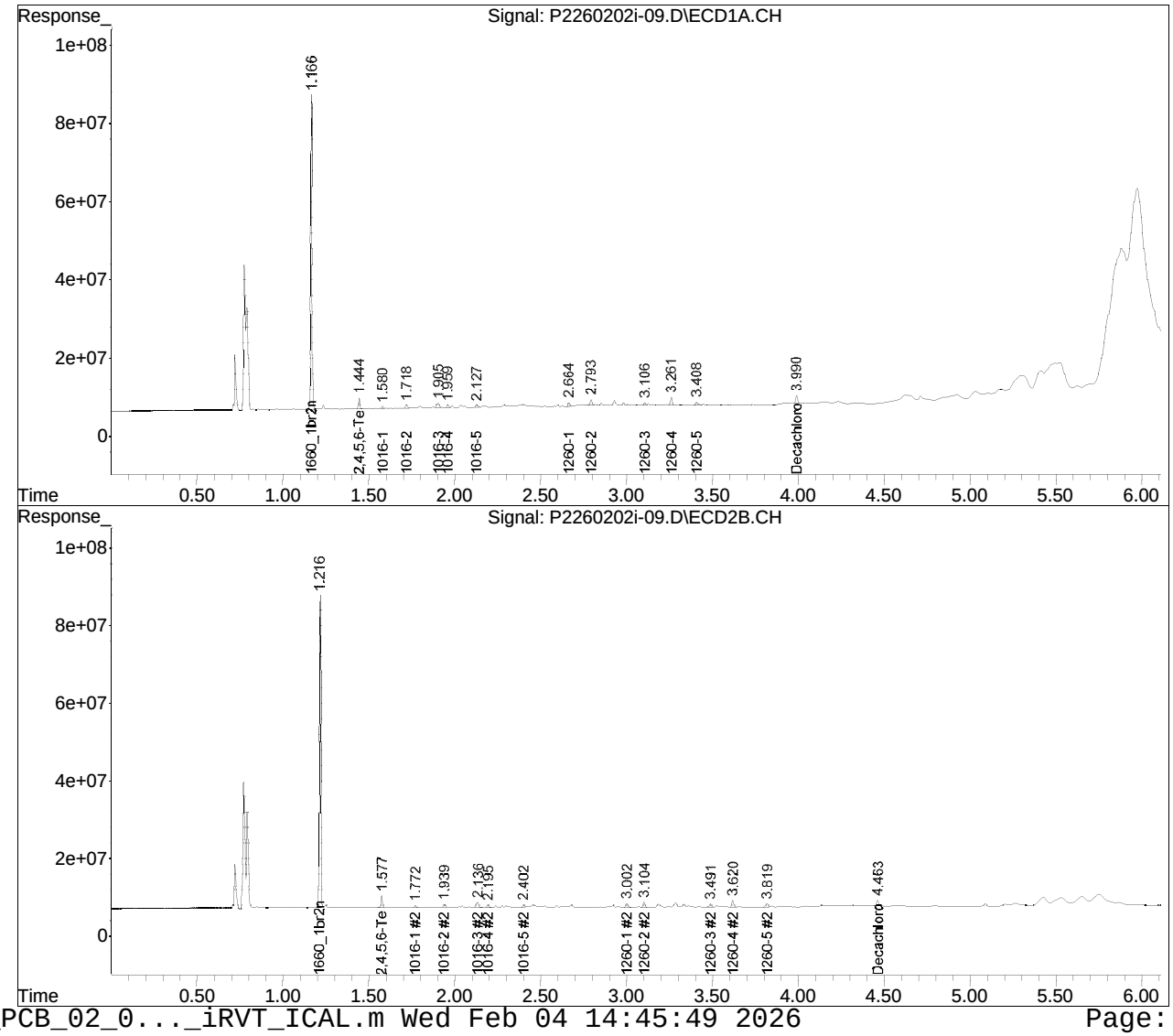
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:48
Operator : pest2:sdc
Sample : il21660,42e,,pp 12222 L7RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:01:20 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:00:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

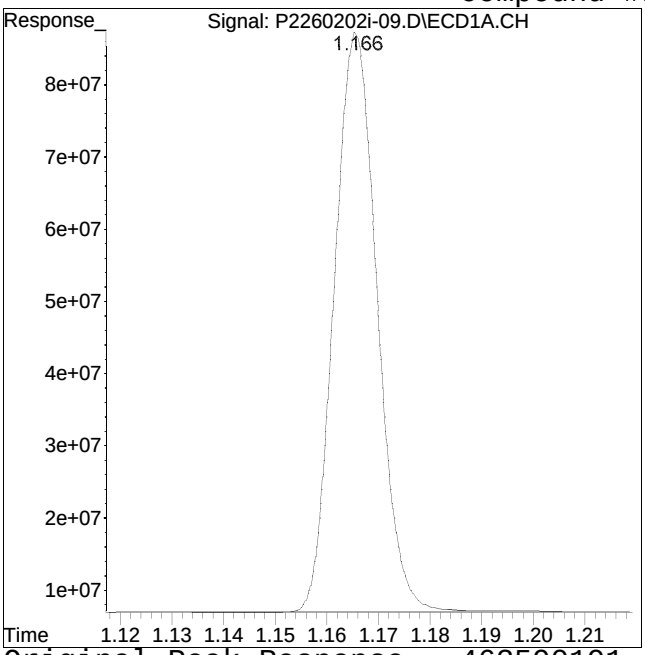
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

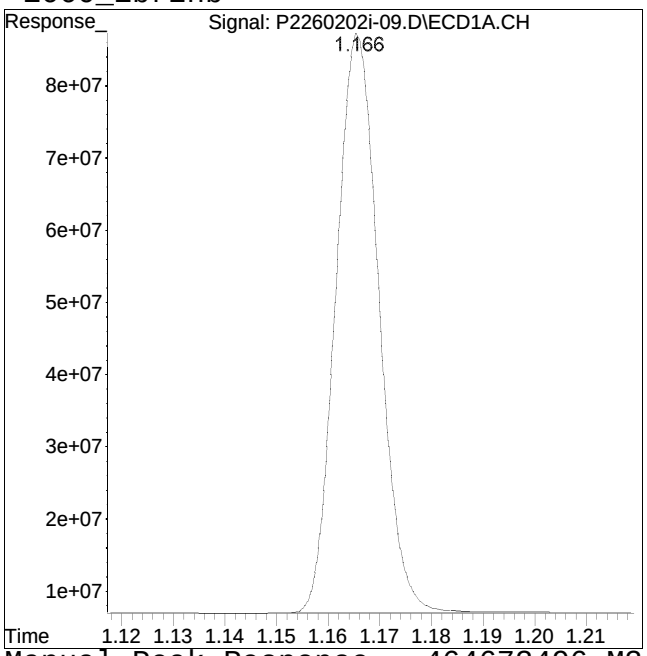


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #1: 1660_1br2nb



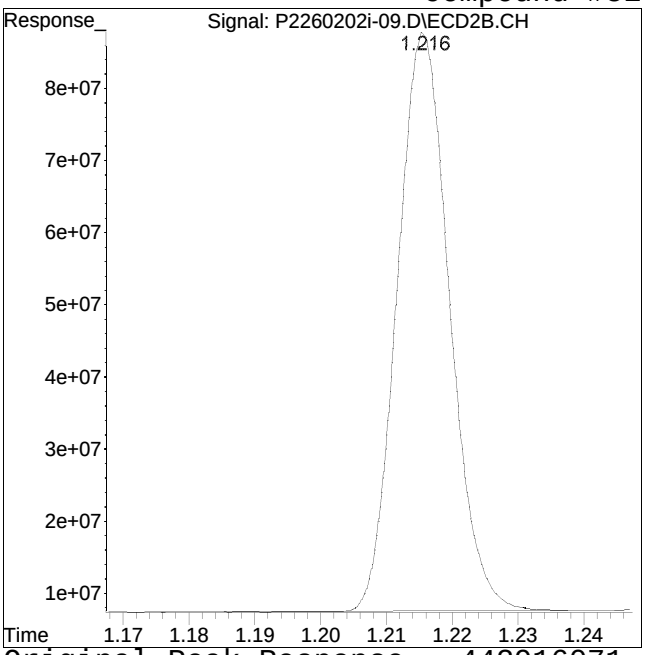


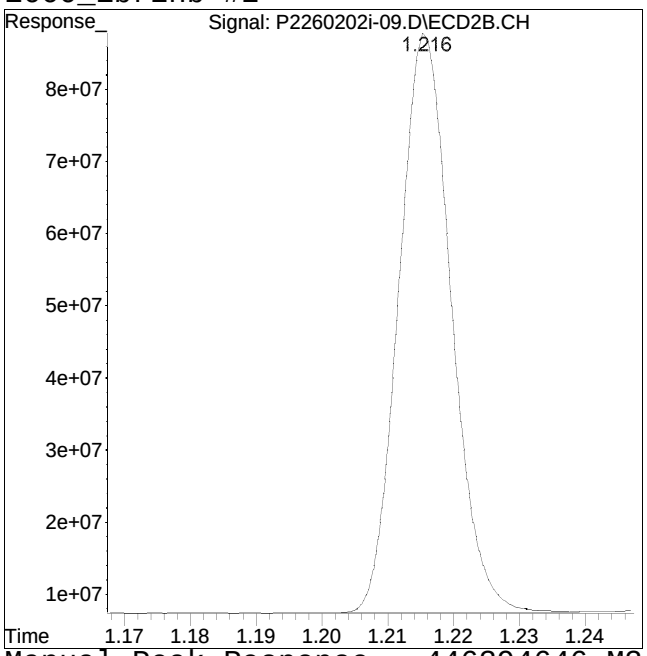
Original Peak Response = 463590191 Manual Peak Response = 464673496 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #52: 1660_1br2nb #2



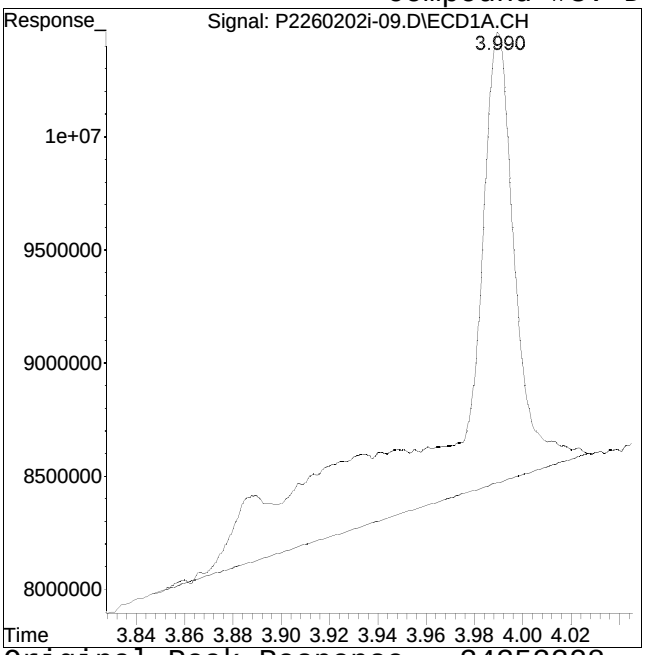


Original Peak Response = 442916071 Manual Peak Response = 446394646 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

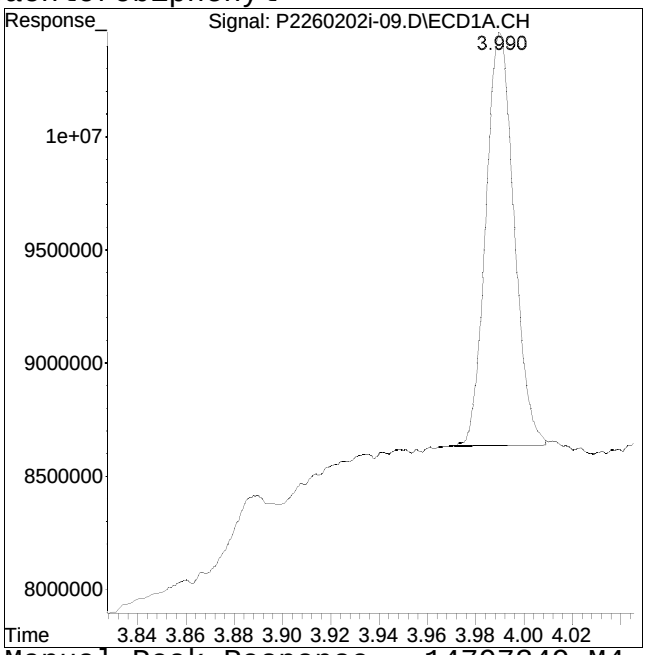
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 34353328



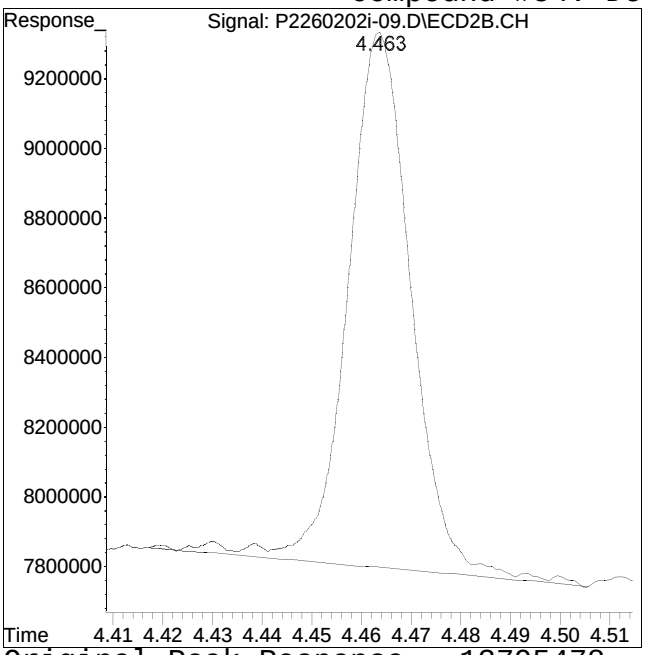
Manual Peak Response = 14797349 M4

M4 = Poor automated baseline construction.

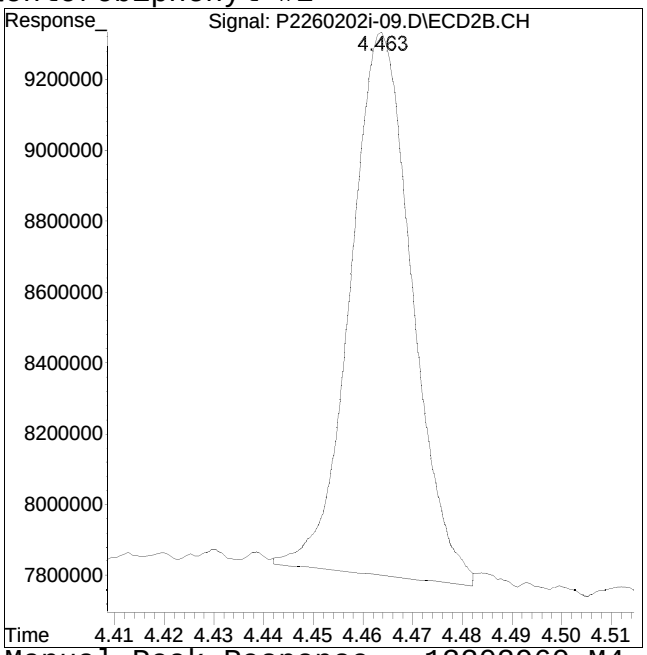
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #54: Decachlorobiphenyl #2



Original Peak Response = 13795478



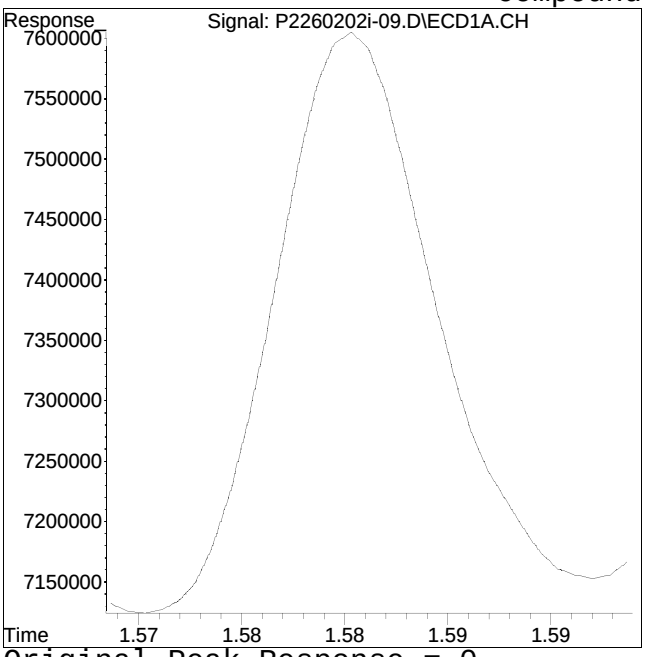
Manual Peak Response = 13202960 M4

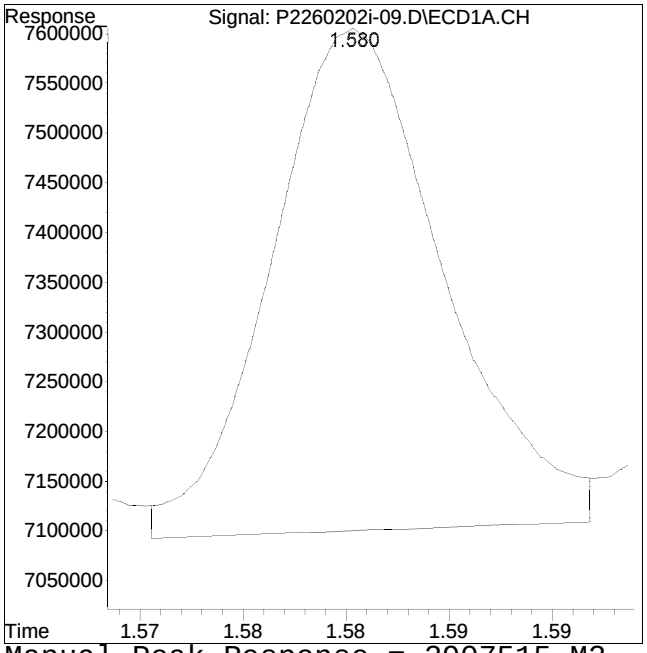
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #4: 1016-1



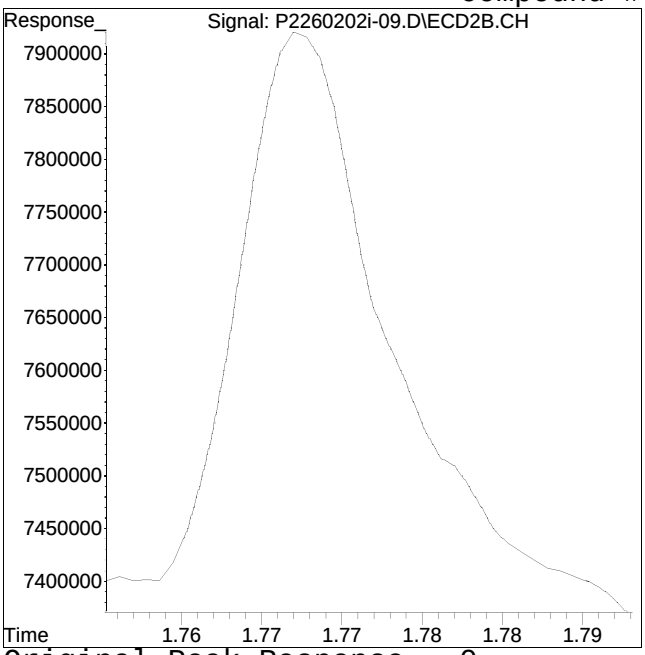


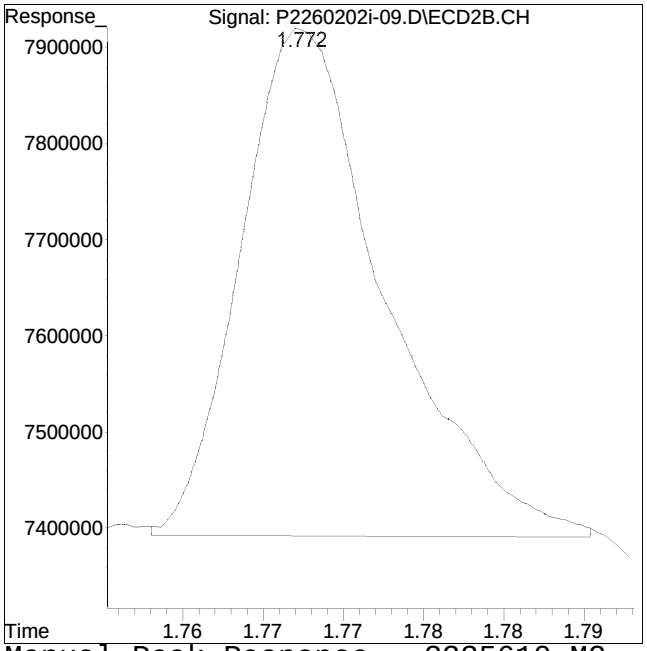
Original Peak Response = 0 Manual Peak Response = 2907515 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #55: 1016-1 #2



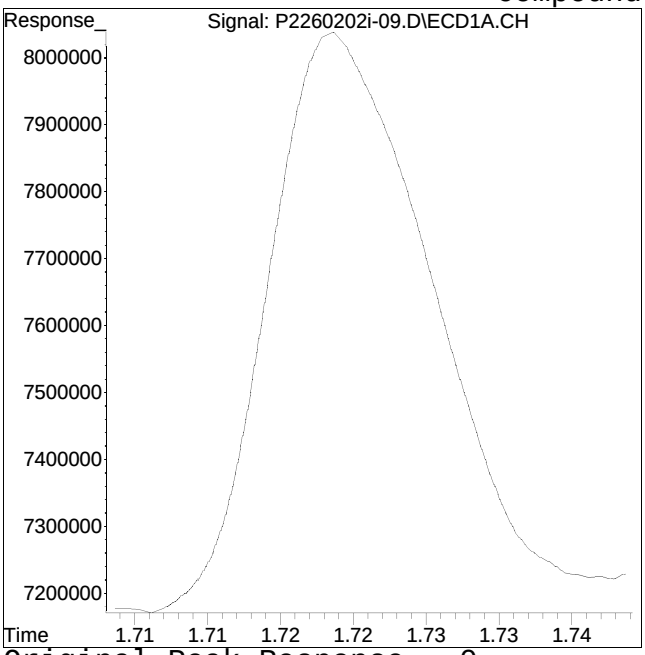


Original Peak Response = 0 Manual Peak Response = 3335610 M2
M2 = Peak not found by automatic integration algorithm.

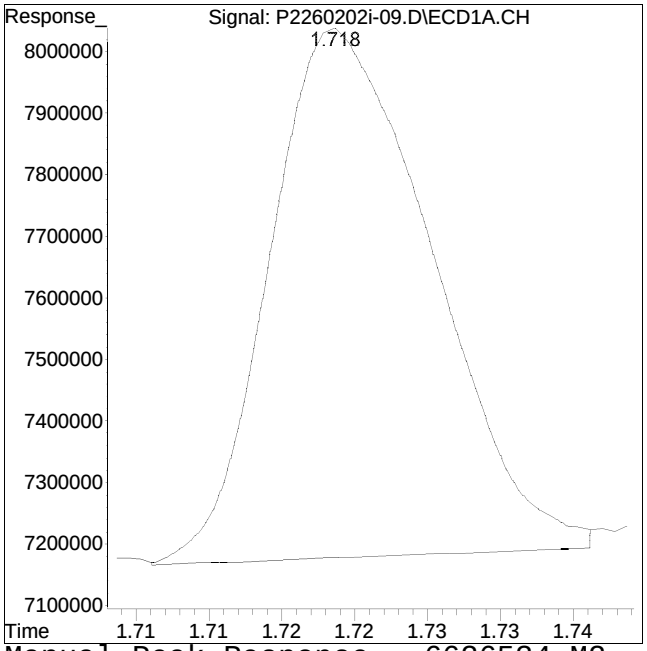
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #5: 1016-2



Original Peak Response = 0



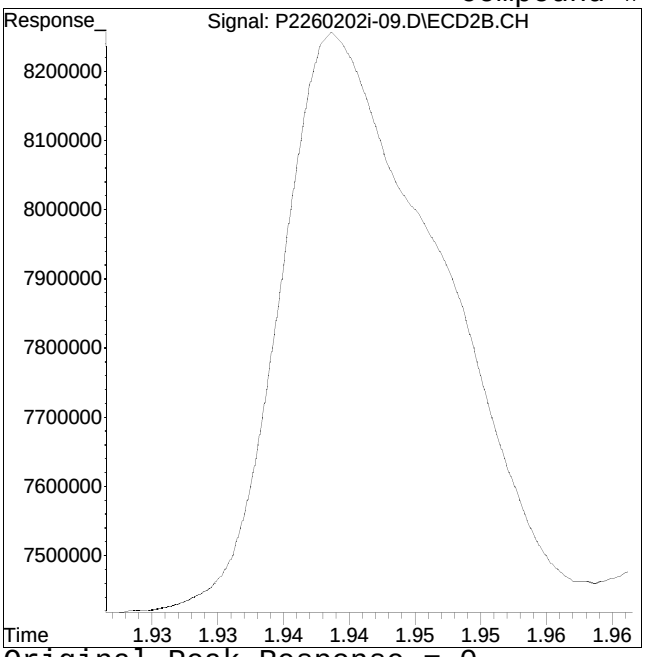
Manual Peak Response = 6626534 M2

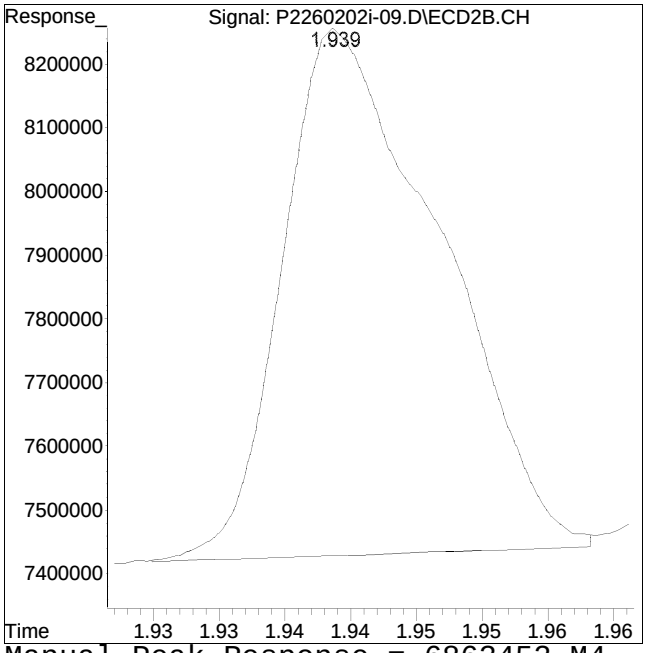
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #56: 1016-2 #2



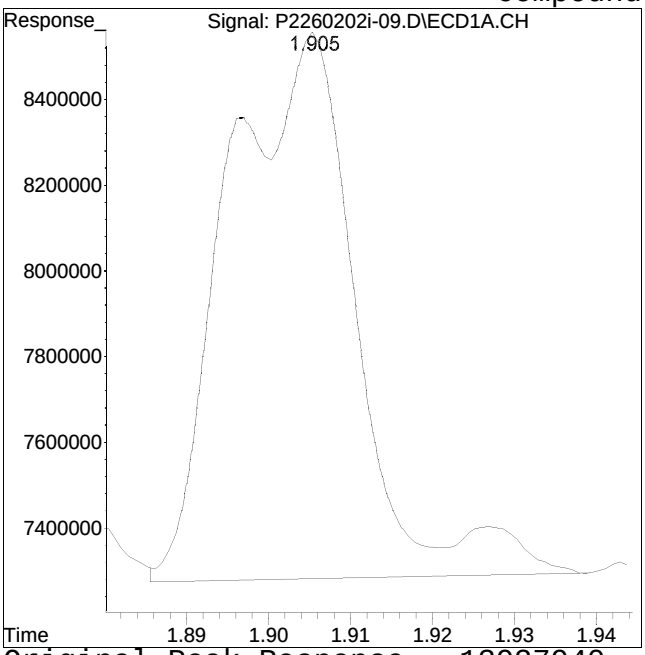


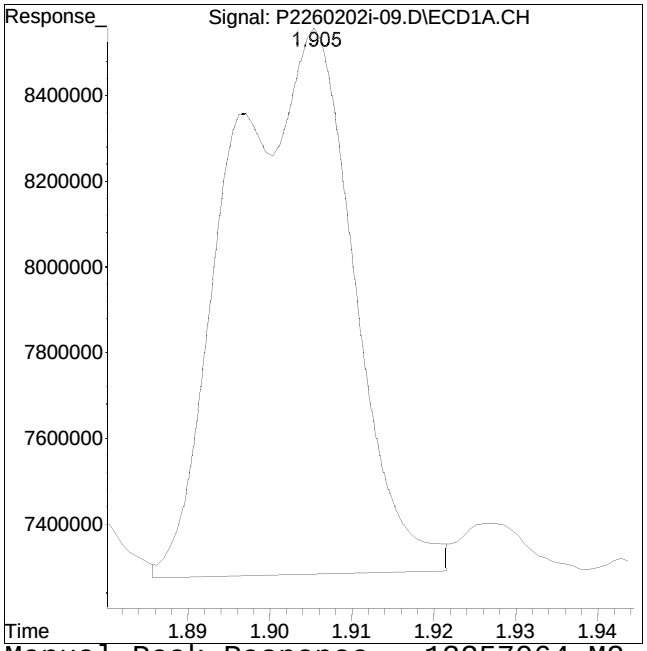
Original Peak Response = 0 Manual Peak Response = 6863452 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #6: 1016-3



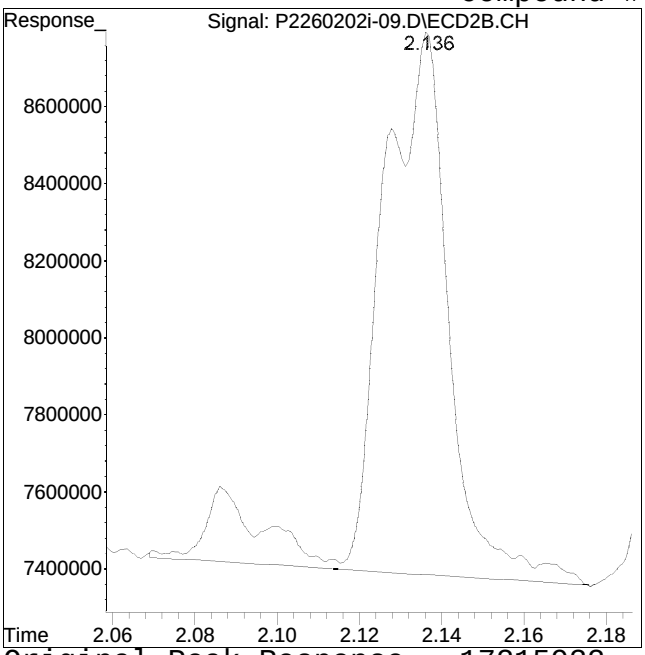


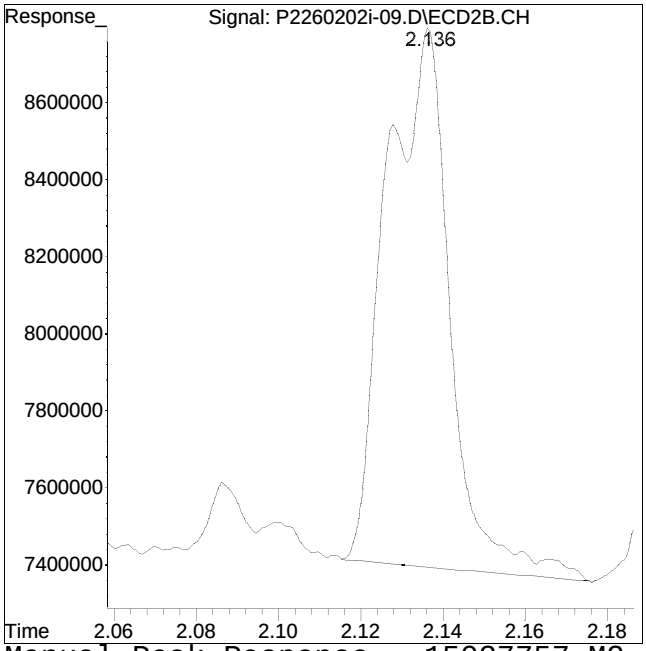
Original Peak Response = 13937940 Manual Peak Response = 13257064 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #57: 1016-3 #2



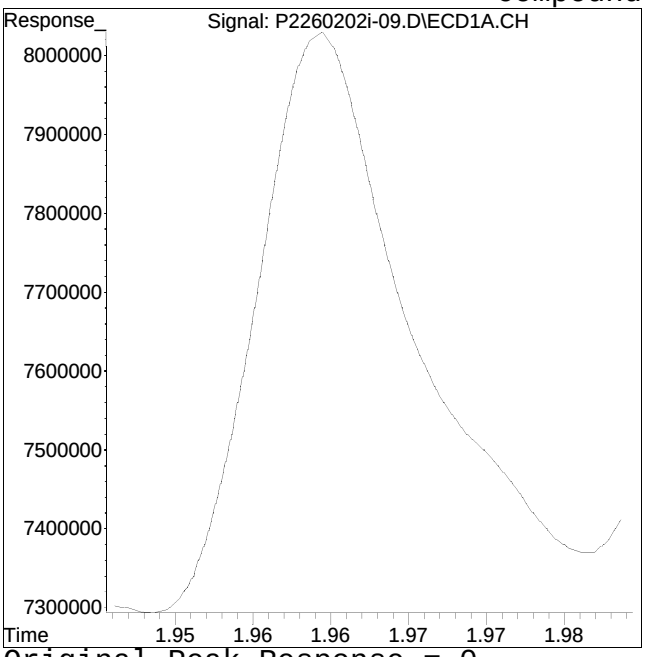


Original Peak Response = 17215932 Manual Peak Response = 15037757 M2
M2 = Peak not found by automatic integration algorithm.

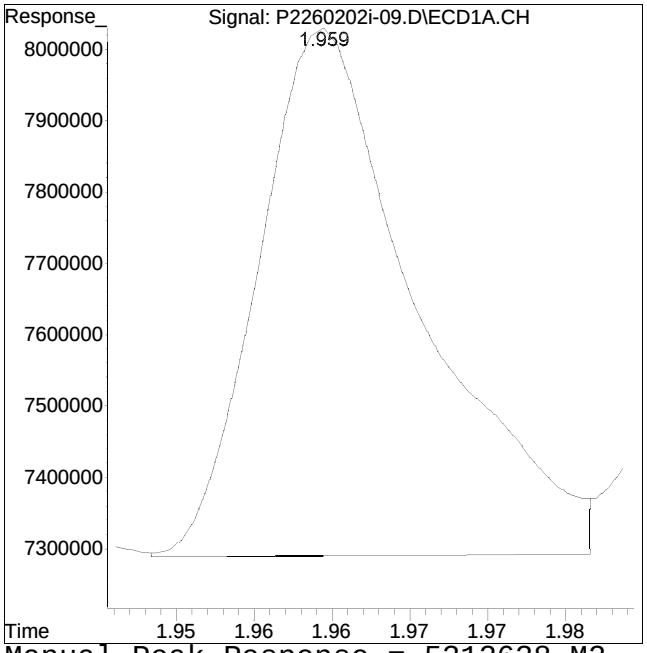
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #7: 1016-4



Original Peak Response = 0



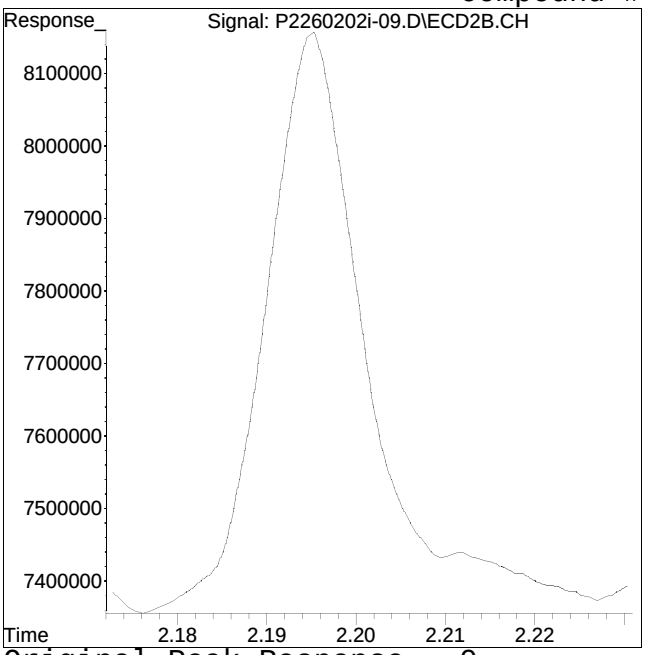
Manual Peak Response = 5312638 M2

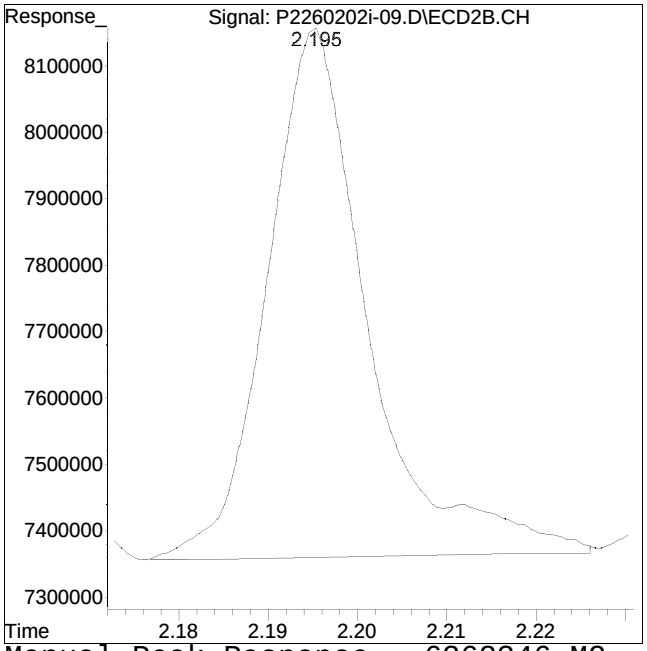
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #58: 1016-4 #2



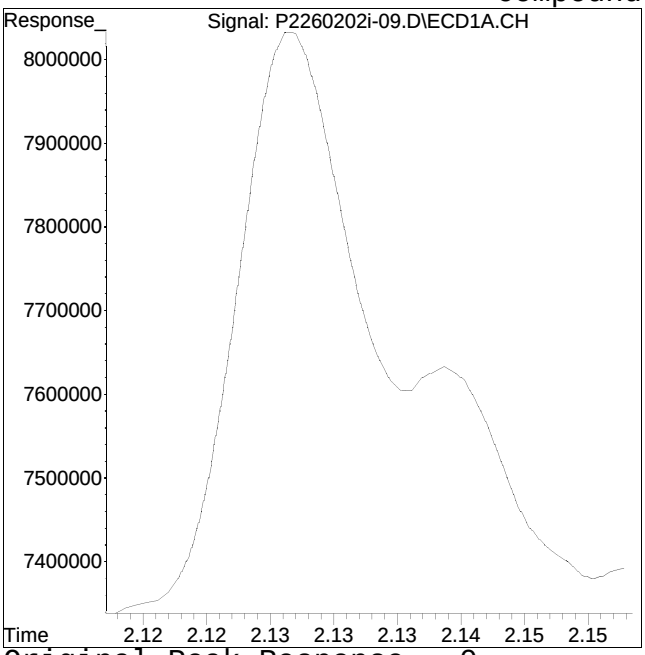


Original Peak Response = 0 Manual Peak Response = 6262346 M2
M2 = Peak not found by automatic integration algorithm.

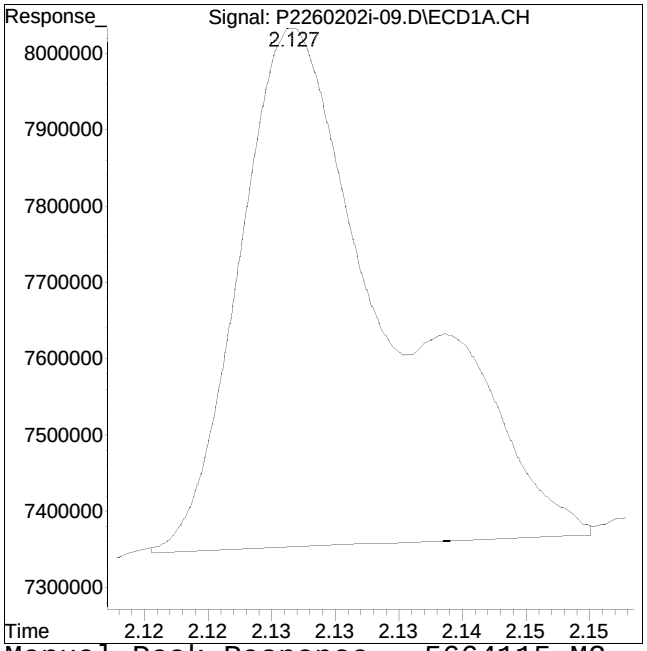
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #8: 1016-5



Original Peak Response = 0



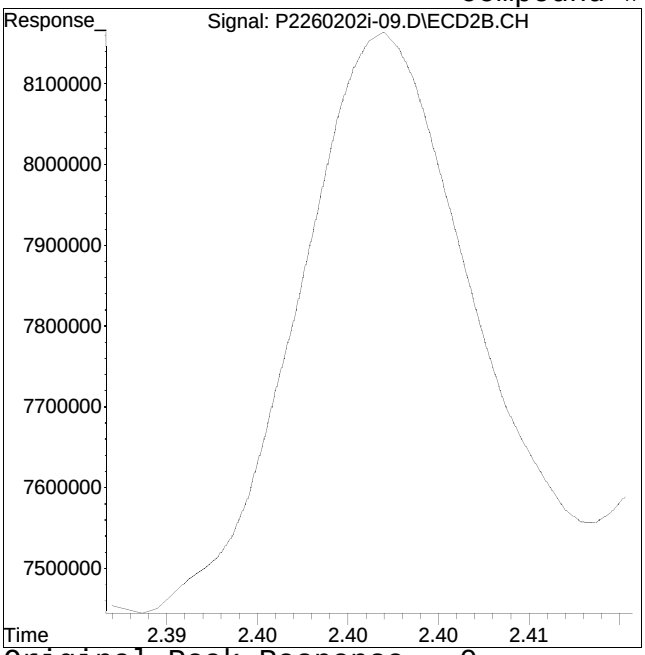
Manual Peak Response = 5664115 M2

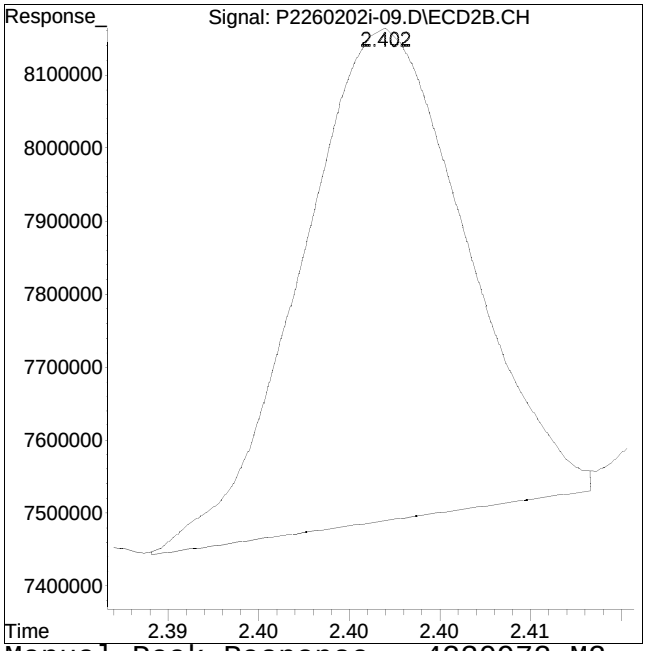
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #59: 1016-5 #2



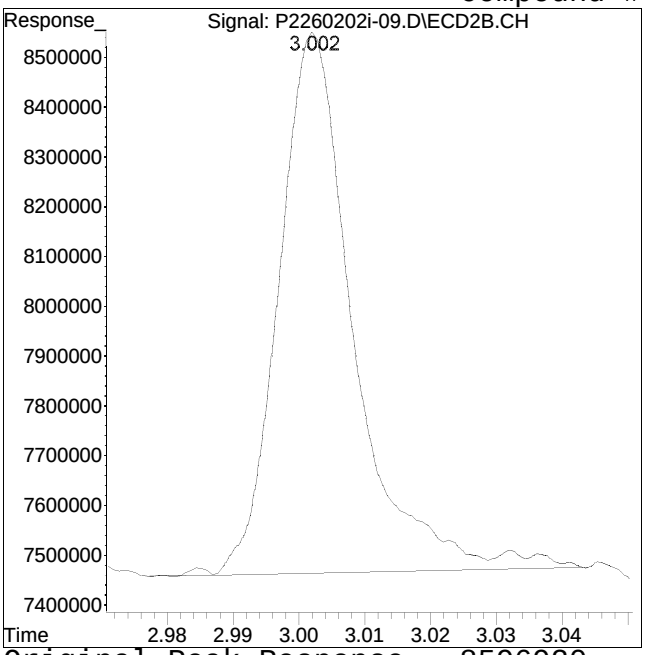


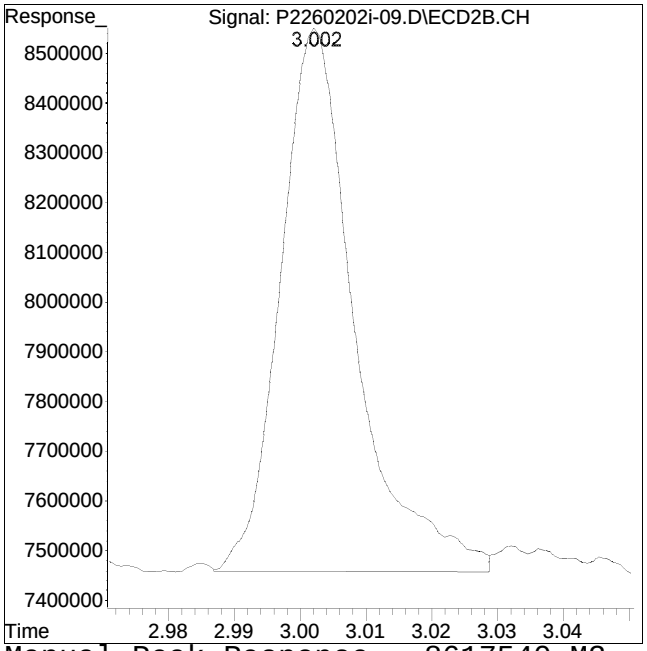
Original Peak Response = 0 Manual Peak Response = 4230972 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #60: 1260-1 #2



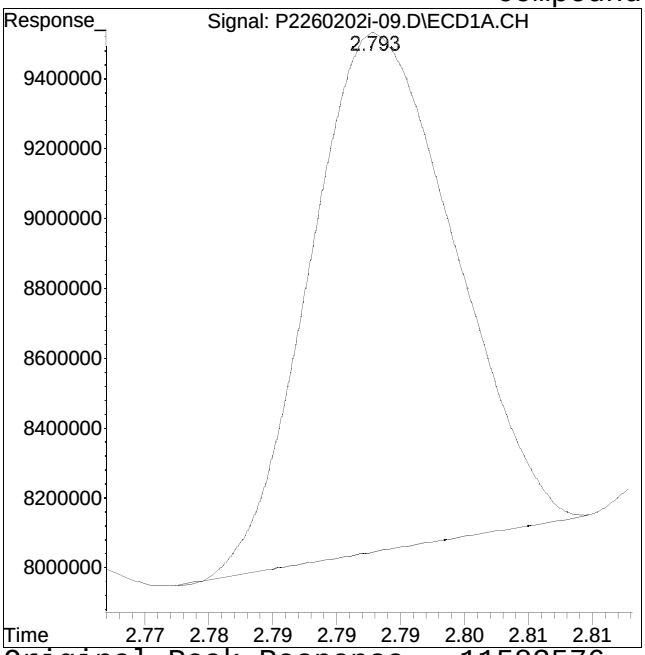


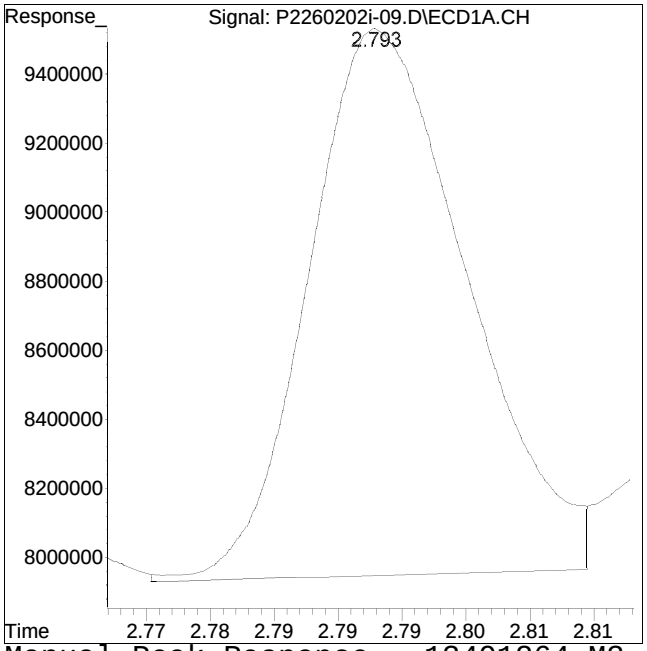
Original Peak Response = 8596920 Manual Peak Response = 8617540 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #10: 1260-2



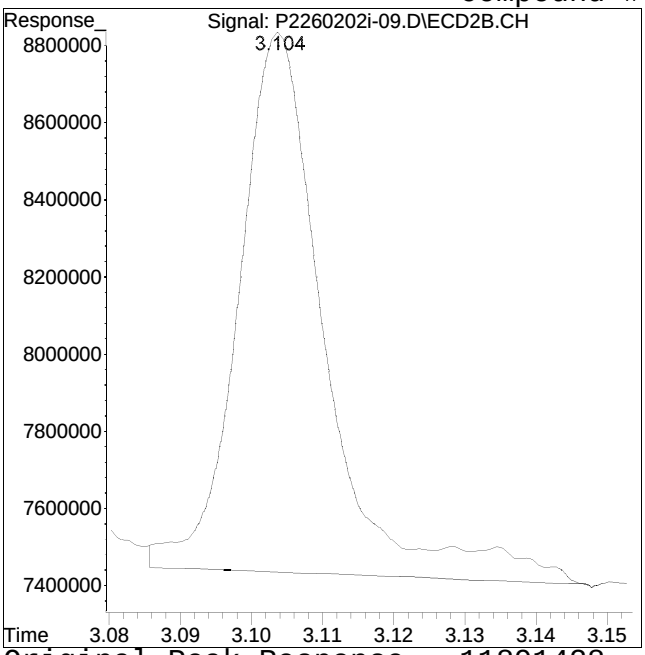


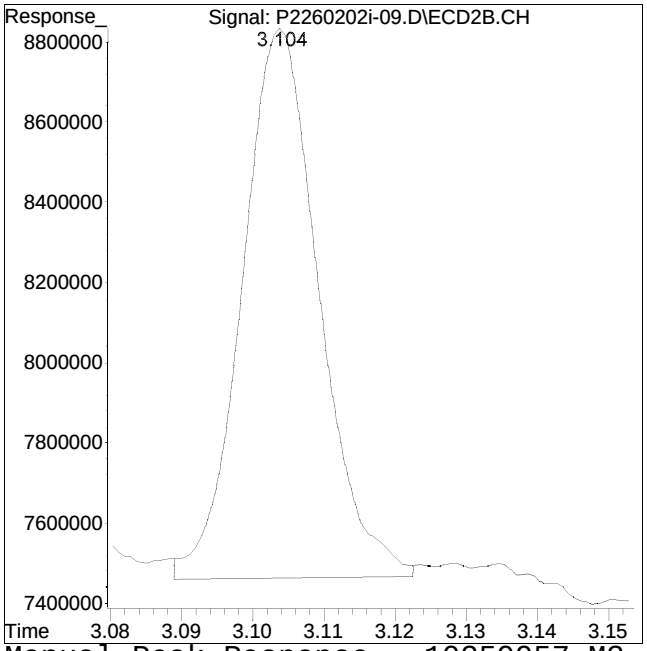
Original Peak Response = 11583576 Manual Peak Response = 13491264 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #61: 1260-2 #2



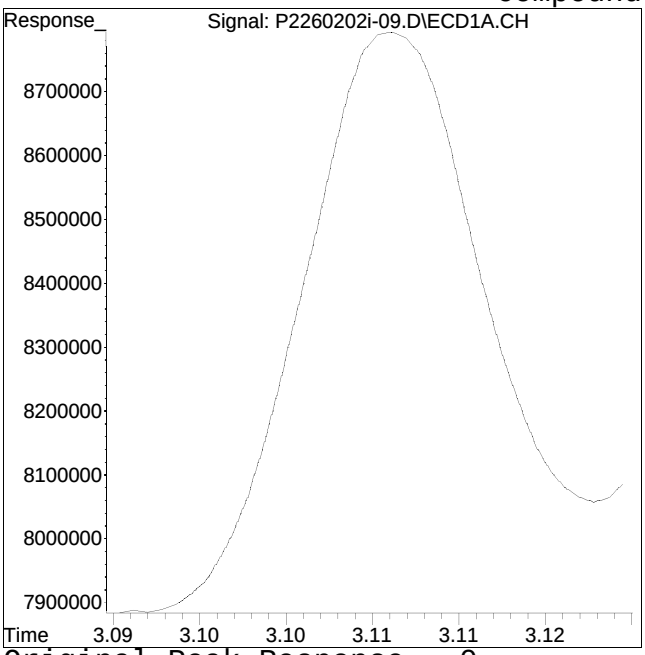


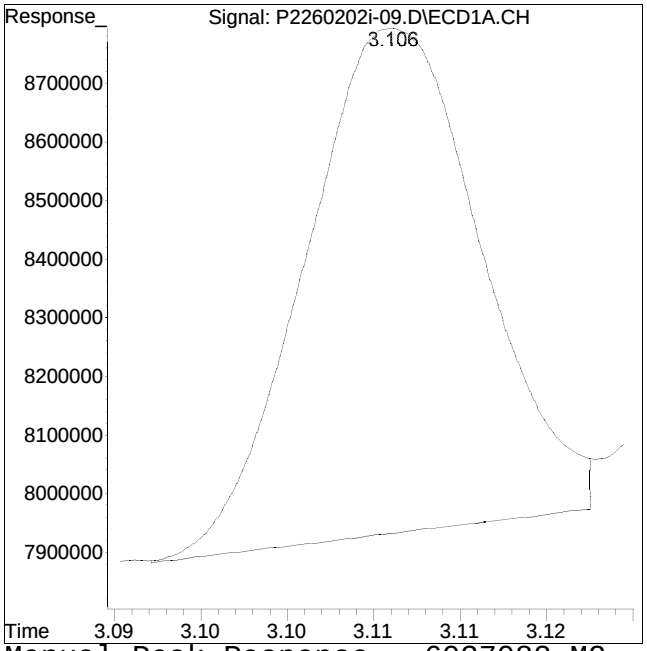
Original Peak Response = 11891428 Manual Peak Response = 10259957 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #11: 1260-3



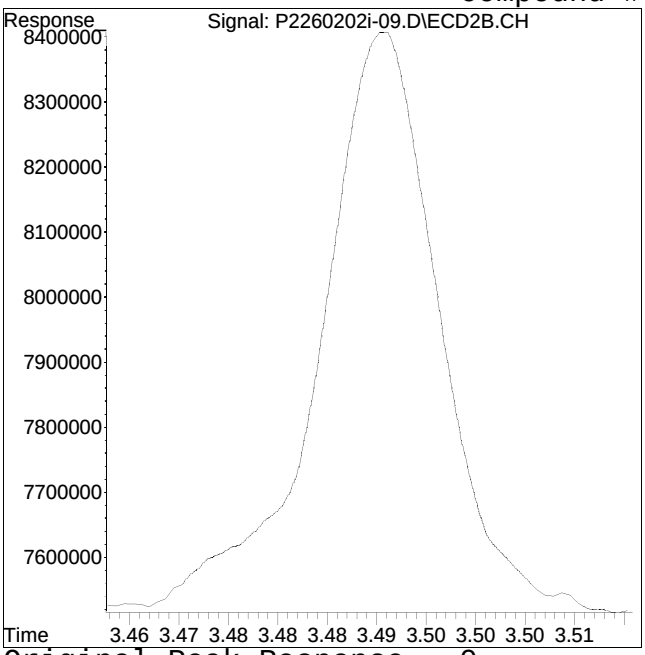


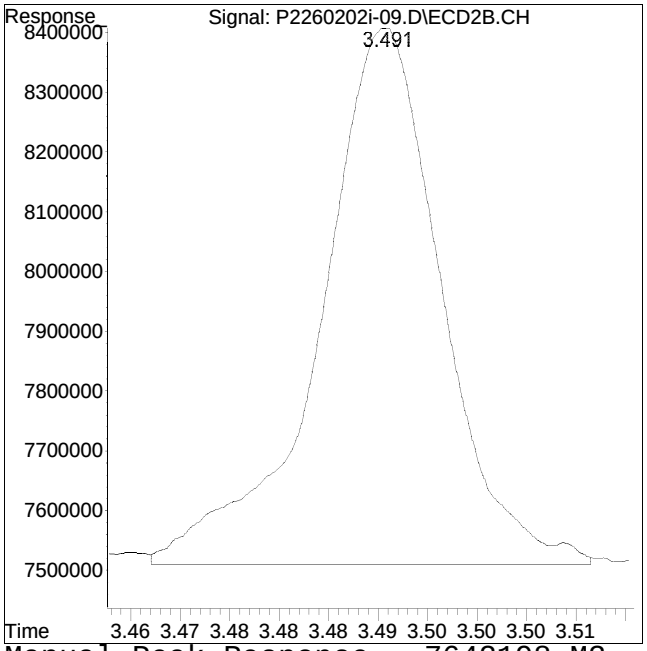
Original Peak Response = 0 Manual Peak Response = 6037082 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #62: 1260-3 #2



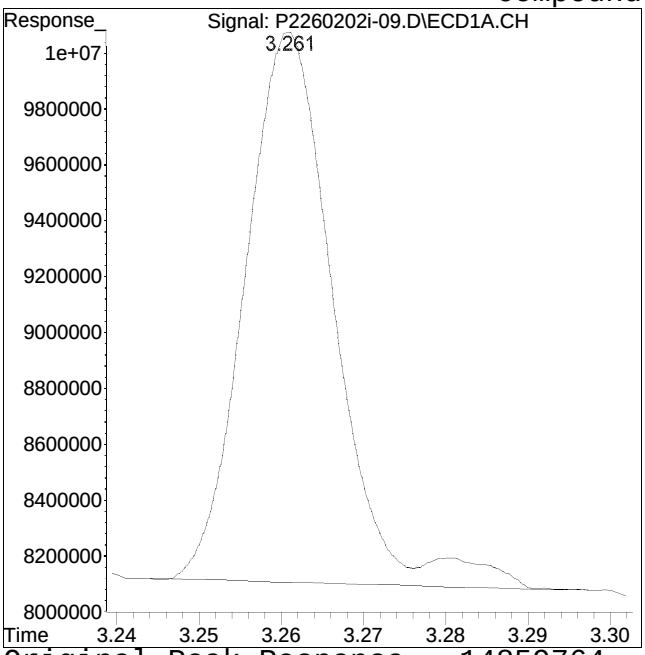


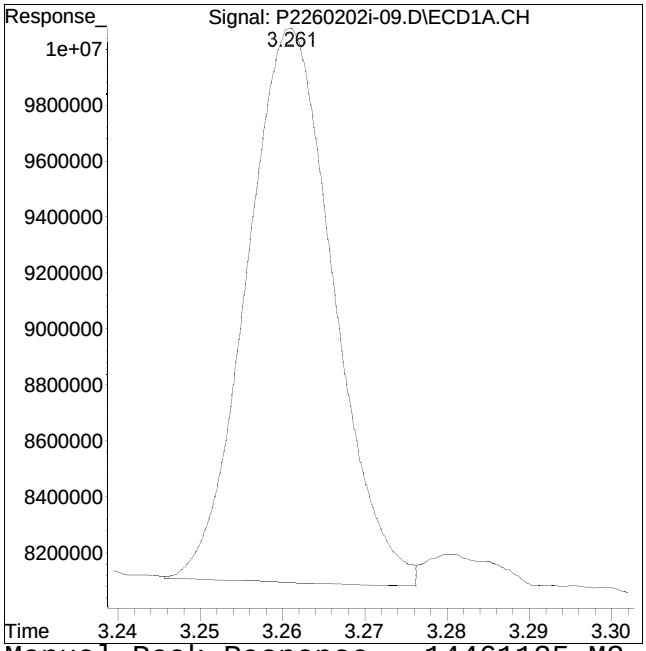
Original Peak Response = 0 Manual Peak Response = 7642198 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #12: 1260-4



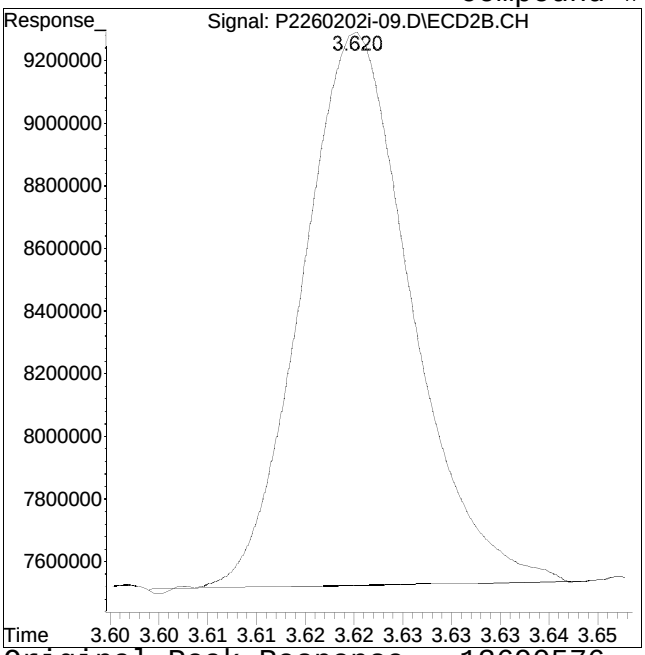


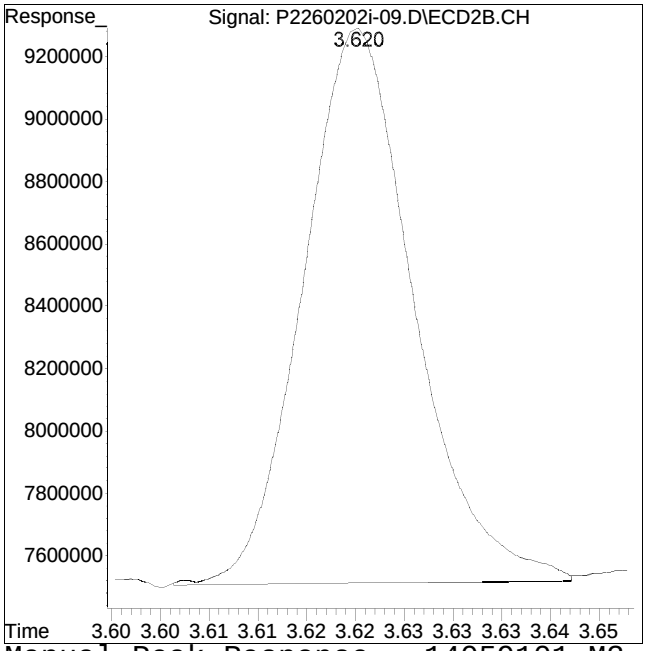
Original Peak Response = 14859764 Manual Peak Response = 14461125 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #63: 1260-4 #2



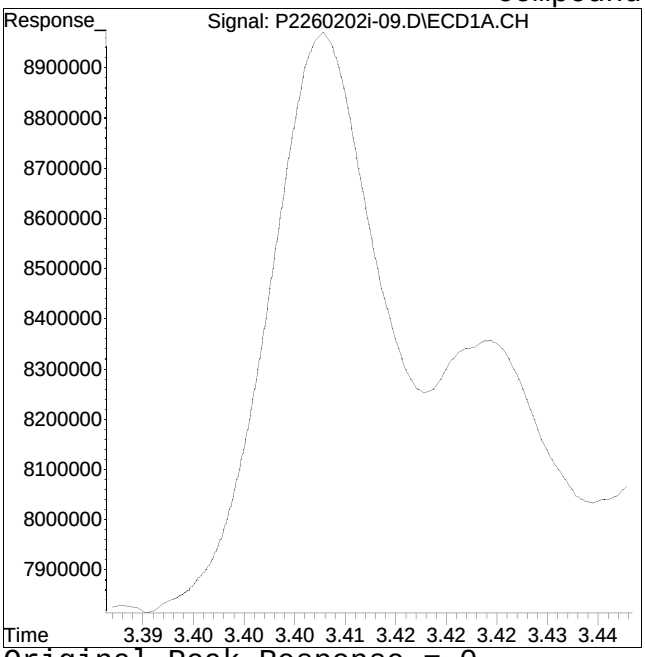


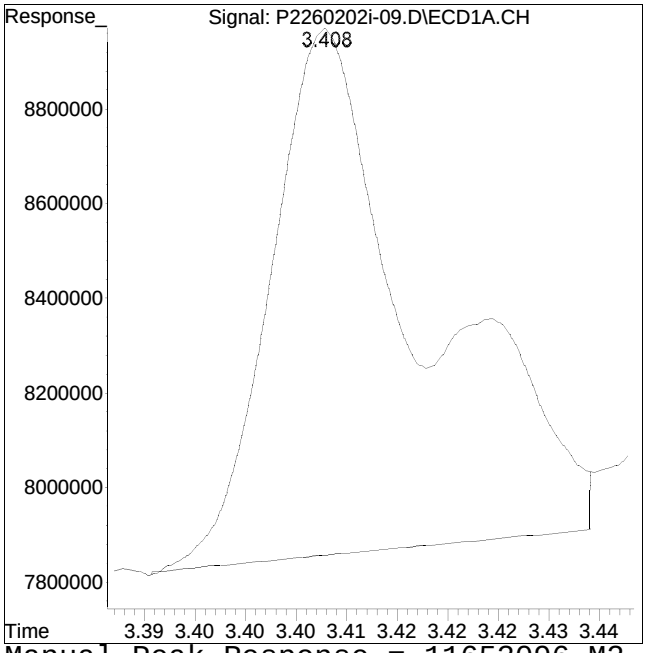
Original Peak Response = 13690576 Manual Peak Response = 14059101 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #13: 1260-5



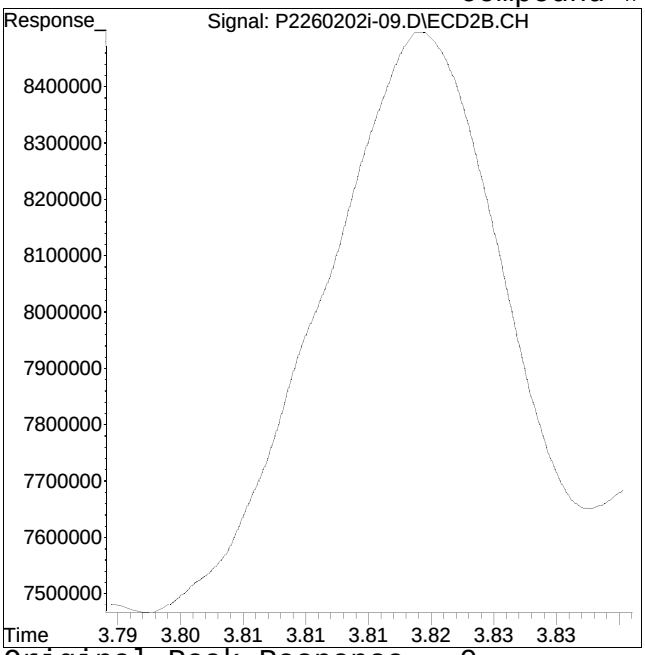


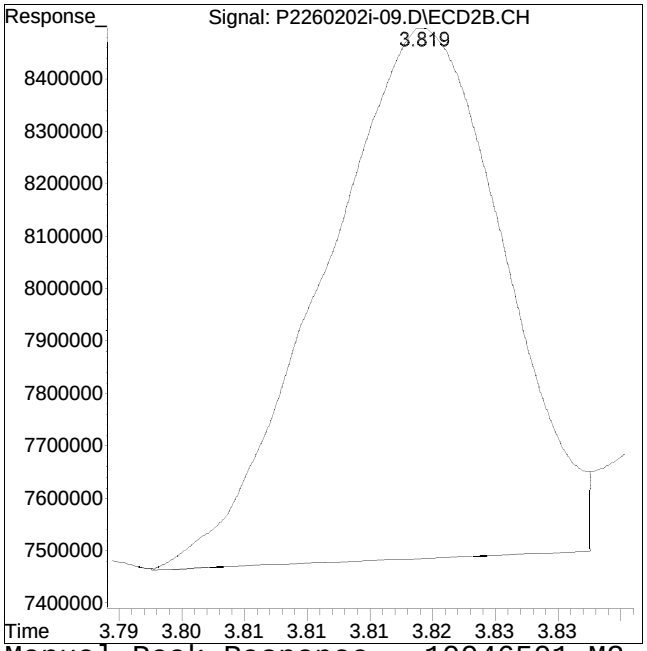
Original Peak Response = 0 Manual Peak Response = 11653096 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-09.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:48 Instrument : Pest 2
Sample : il21660,42e,,pp 12222 L7RVQuant Date : 2/4/2026 11:01 am

Compound #64: 1260-5 #2





Original Peak Response = 0 Manual Peak Response = 10046501 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:58
Operator : pest2:sdc
Sample : il31660,42e,,pp 12222 L10RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:50:08 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.166	1.216	517.9E6	450.7E6	25.000M3	25.000M3
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.445	1.578	23533117	23482390	0.910	0.961
	Spiked Amount 50.000	Range 30 - 150		Recovery =		1.82%#	1.92%#
3) s	Decachlorobi	3.990	4.464	22377240	15884872	0.982M3	1.001
	Spiked Amount 50.000	Range 30 - 150		Recovery =		1.96%#	2.00%#
	Target Compounds						
4) l1	1016-1	1.581	1.773	4441794	5089839	10.176M2	11.496M3
5) l1	1016-2	1.719	1.939	10085797	10299952	10.168M3	10.070M2
6) l1	1016-3	1.906	2.136	19818197	20460948	9.307M3	9.942
7) l1	1016-4	1.960	2.196	7629412	8098224	8.713M3	9.592
8) l1	1016-5	2.127	2.402	8611627	5688155	9.356M3	9.155M2
Sum	1016-1			50586827	49637119	47.720	50.256
Average	1016-1					9.544	10.051
9) l2	1260-1	2.665	3.002	12853896	12485699	9.398	10.041M3
10) l2	1260-2	2.793	3.104	19884242	15222175	9.271M3	10.336M3

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:58
Operator : pest2:sdc
Sample : il31660,42e,,pp 12222 L10RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:50:08 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
11) l2	1260-3	3.106	3.491	8055999	10205470	7.293M4	9.362
12) l2	1260-4	3.261	3.621	20943186	19611984	8.718M3	9.715
13) l2	1260-5	3.408	3.819	15917441	13955555	8.763M1	9.809M3
Sum	1260-1			77654764	71480884	NoCal	NoCal D
Average	1260-1					8.688	9.853
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D.	N.D.
17) l3	1221-3	0.000	0.000	0	0	N.D.	N.D.
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D.	N.D.
19) l4	1254-2	0.000	0.000	0	0	N.D.	N.D.
20) l4	1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D.	N.D.
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:58
Operator : pest2:sdc
Sample : il31660,42e,,pp 12222 L10RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:50:08 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D.	N.D.
37) l7	1248-3	0.000	0.000	0	0	N.D.	N.D.
38) l7	1248-4	0.000	0.000	0	0	N.D.	N.D.
39) l7	1248-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D.	N.D.
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:58
Operator : pest2:sdc
Sample : il31660,42e,,pp 12222 L10RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:50:08 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Average 1262-1					0.000	0.000

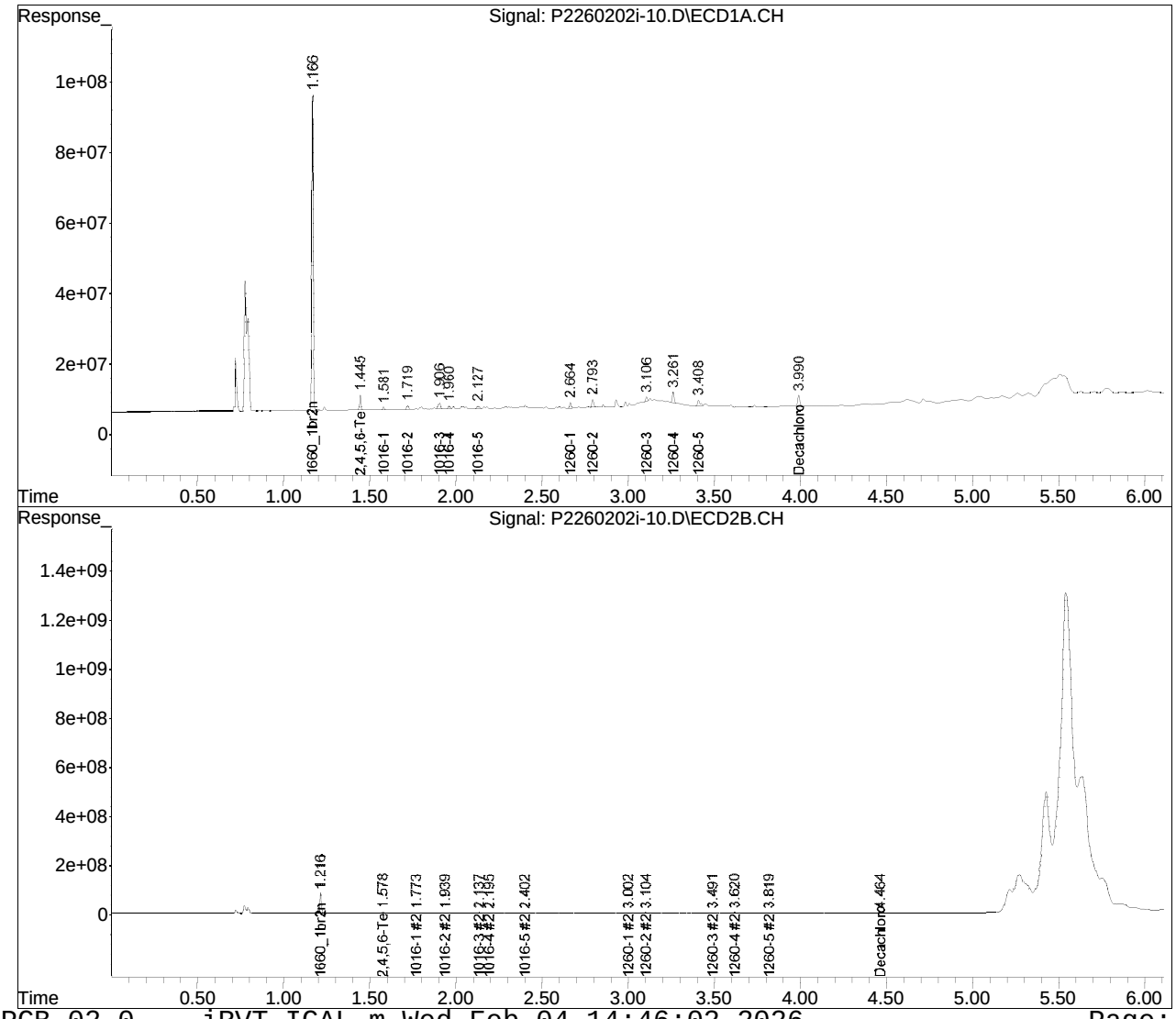
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 9:58
Operator : pest2:sdc
Sample : il31660,42e,,pp 12222 L10RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:50:08 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

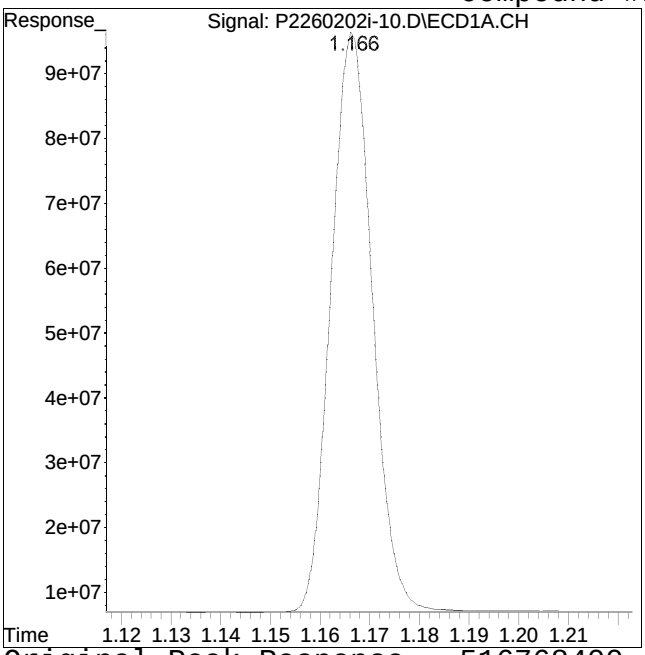
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

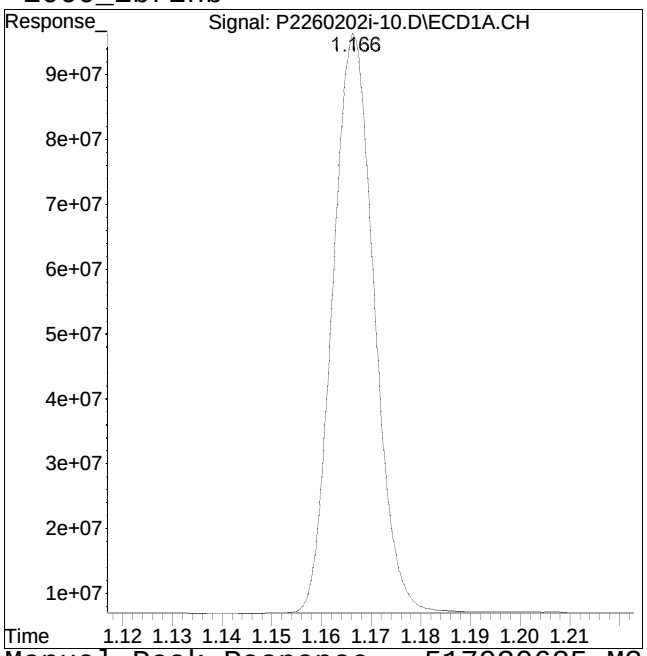


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #1: 1660_1br2nb



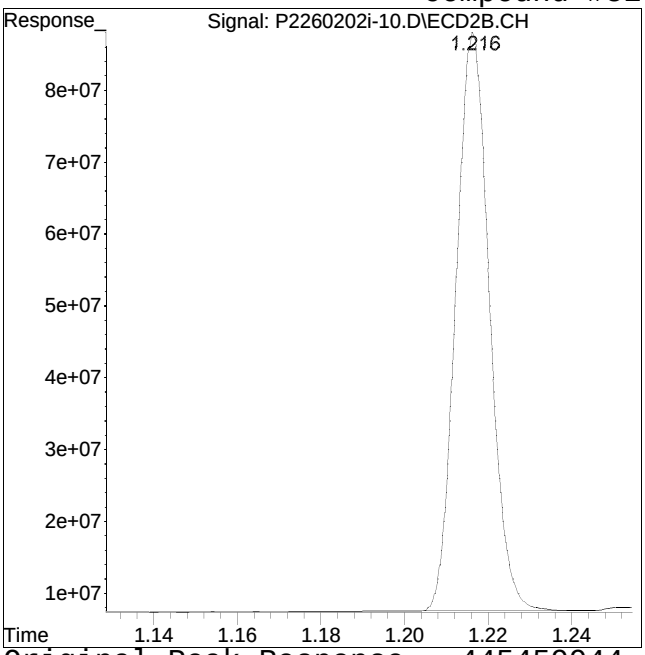


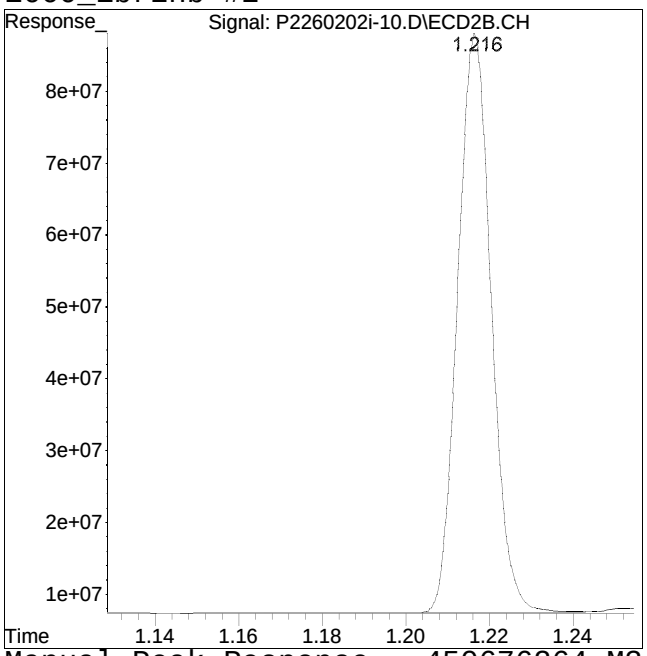
Original Peak Response = 516768400 Manual Peak Response = 517930625 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #52: 1660_1br2nb #2



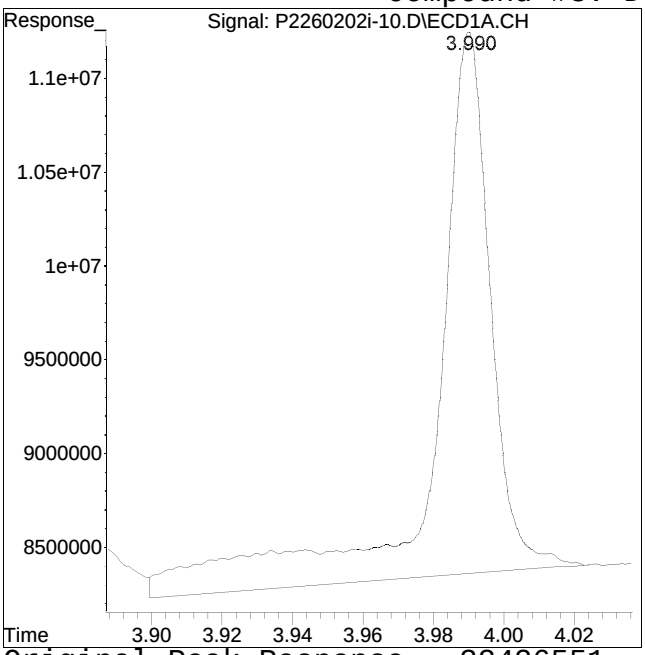


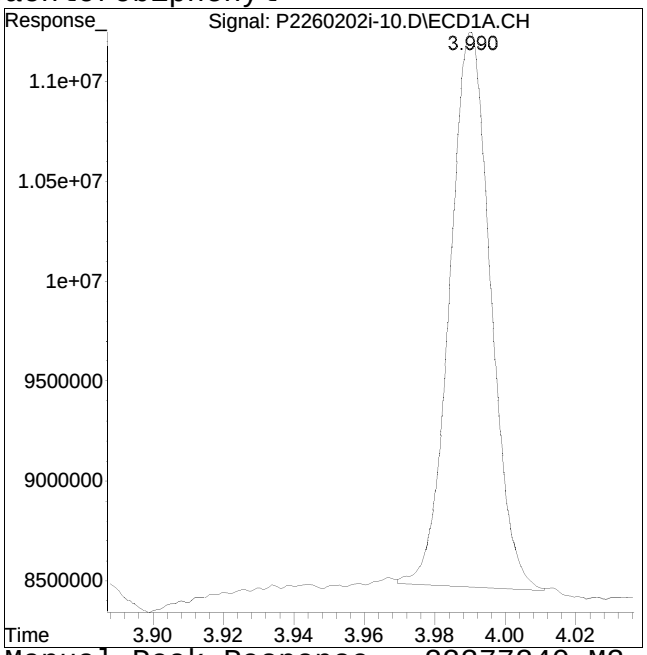
Original Peak Response = 445459944 Manual Peak Response = 450676264 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #3: Decachlorobiphenyl



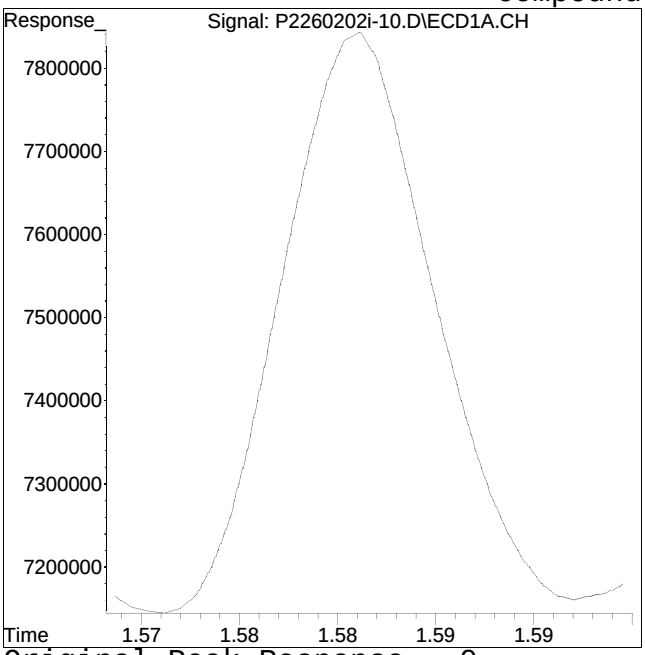


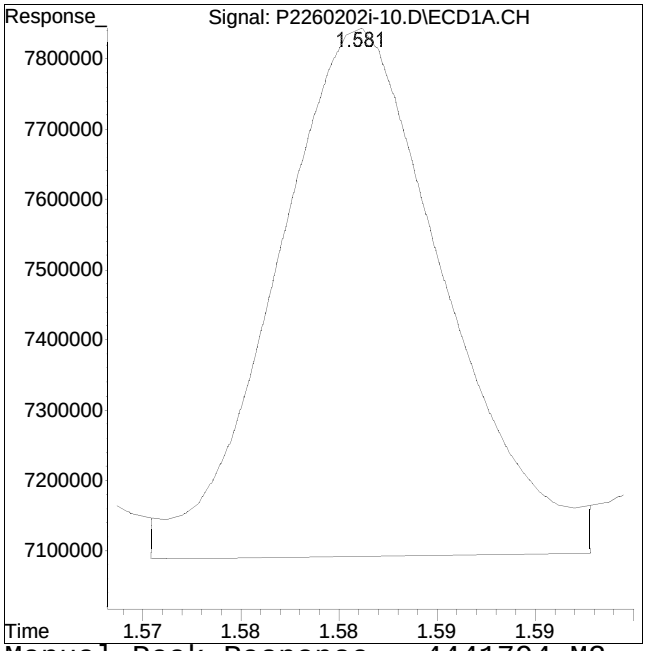
Original Peak Response = 32426551 Manual Peak Response = 22377240 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #4: 1016-1



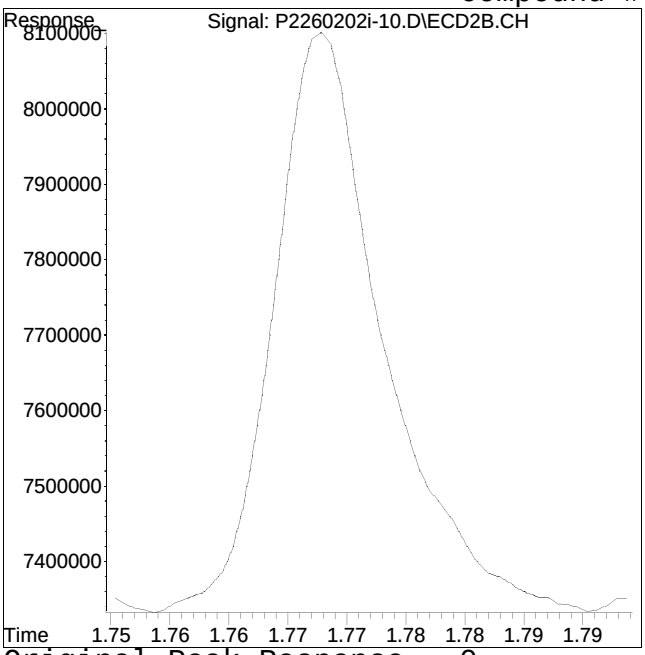


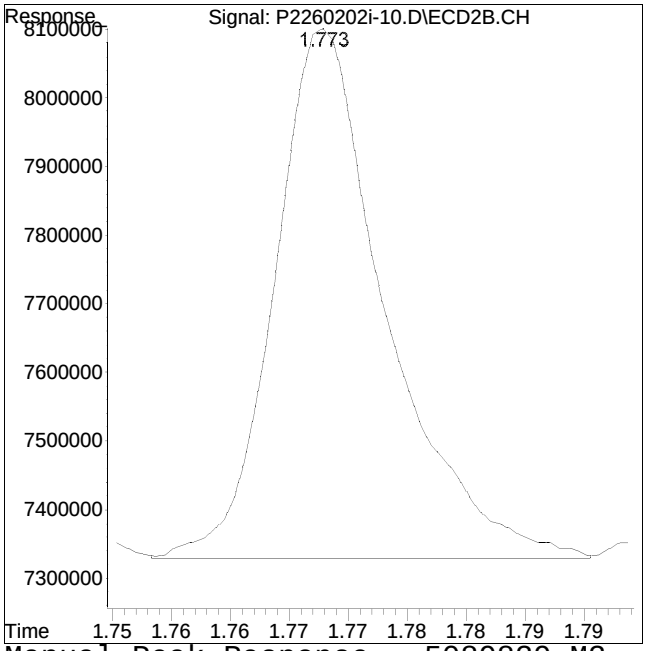
Original Peak Response = 0 Manual Peak Response = 4441794 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #55: 1016-1 #2



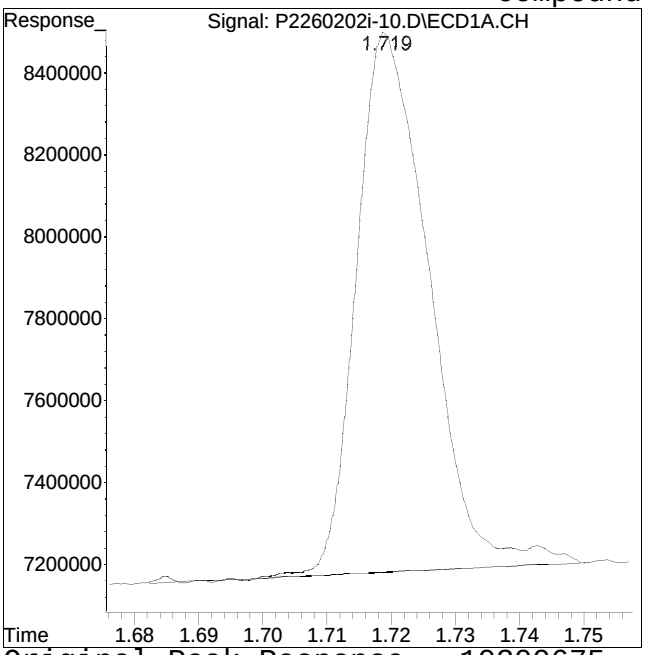


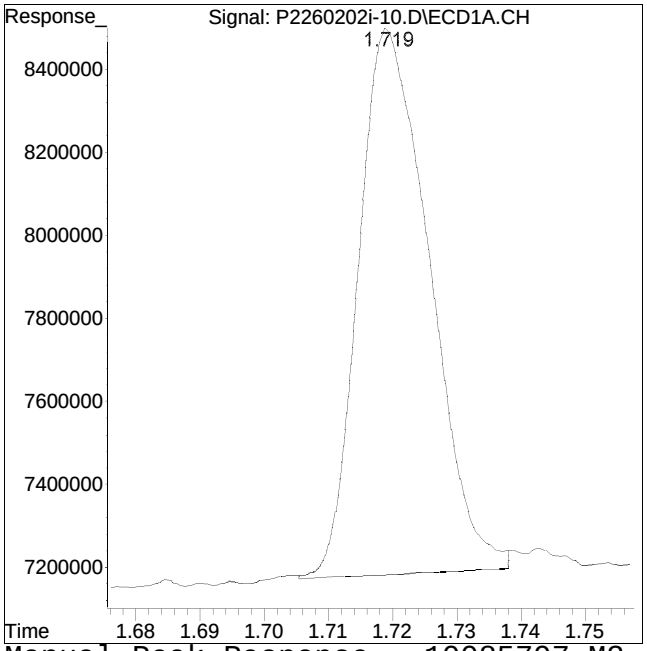
Original Peak Response = 0 Manual Peak Response = 5089839 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #5: 1016-2



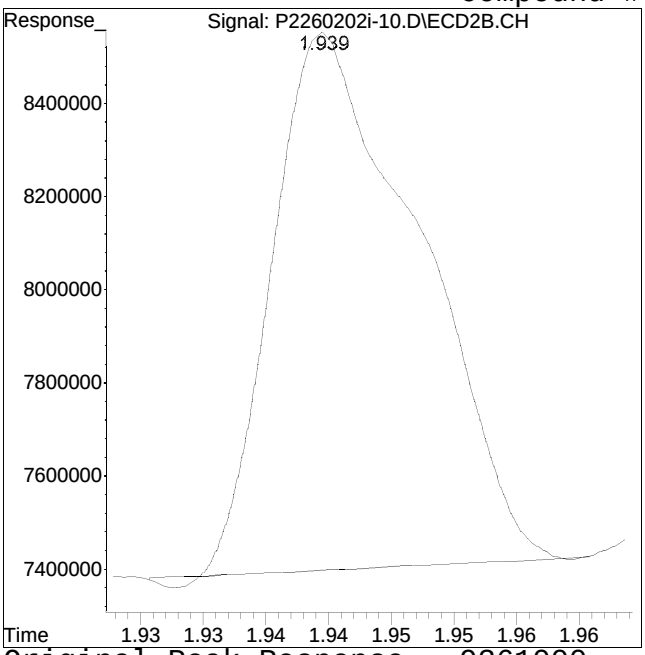


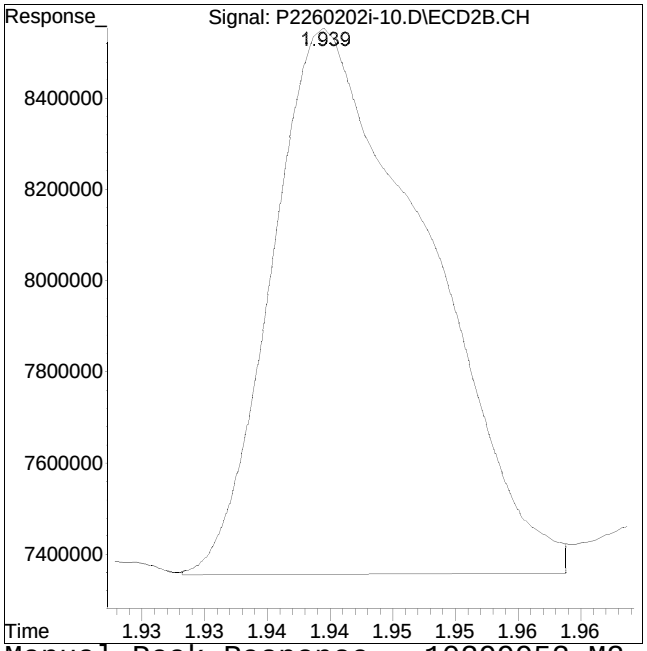
Original Peak Response = 10300675 Manual Peak Response = 10085797 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #56: 1016-2 #2



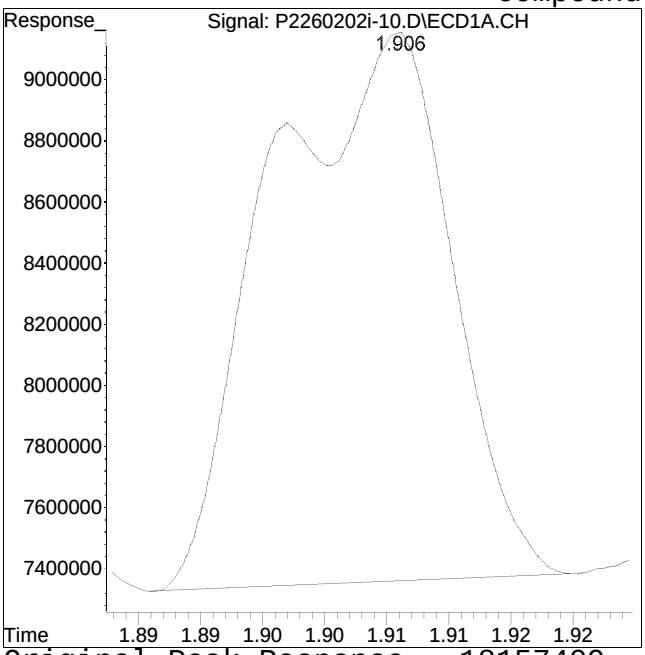


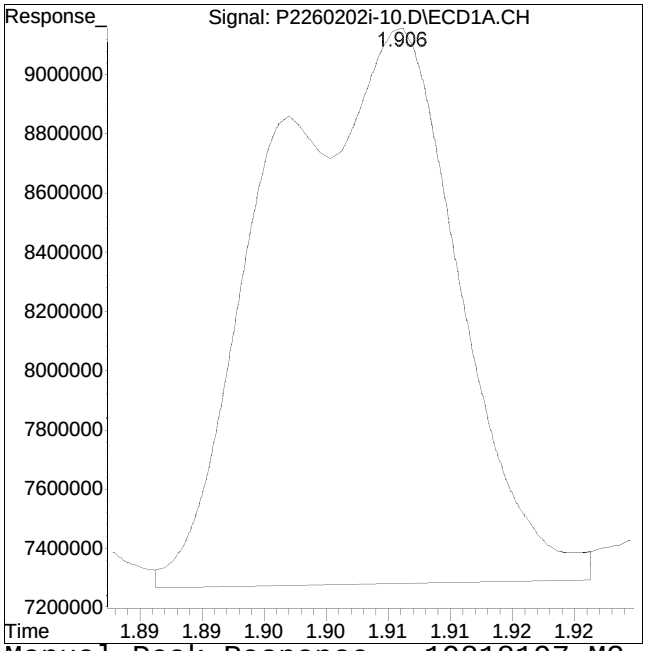
Original Peak Response = 9361000 Manual Peak Response = 10299952 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #6: 1016-3



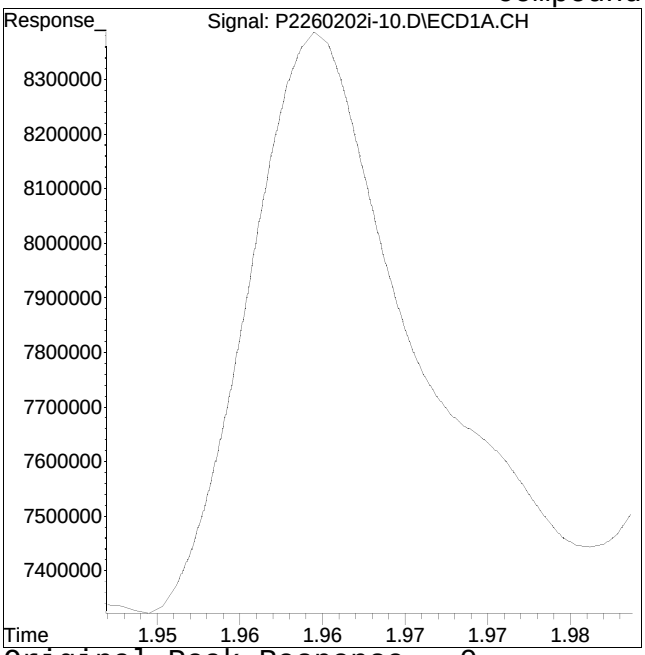


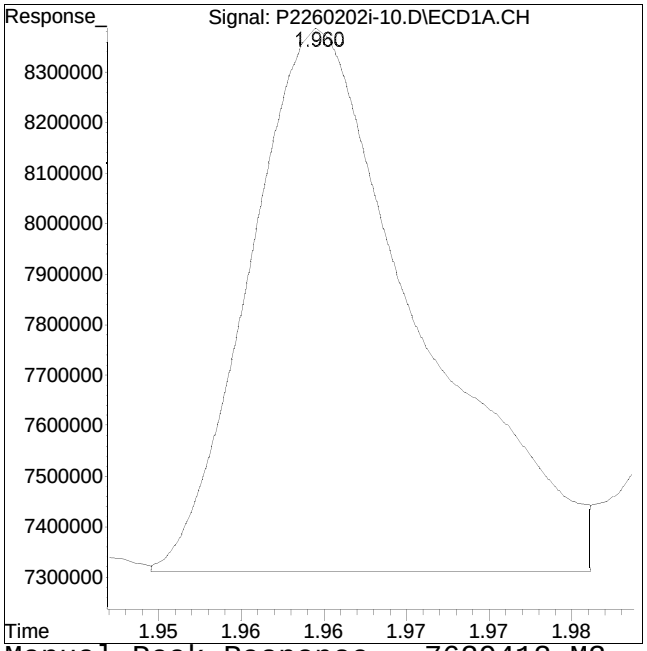
Original Peak Response = 18157409 Manual Peak Response = 19818197 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #7: 1016-4



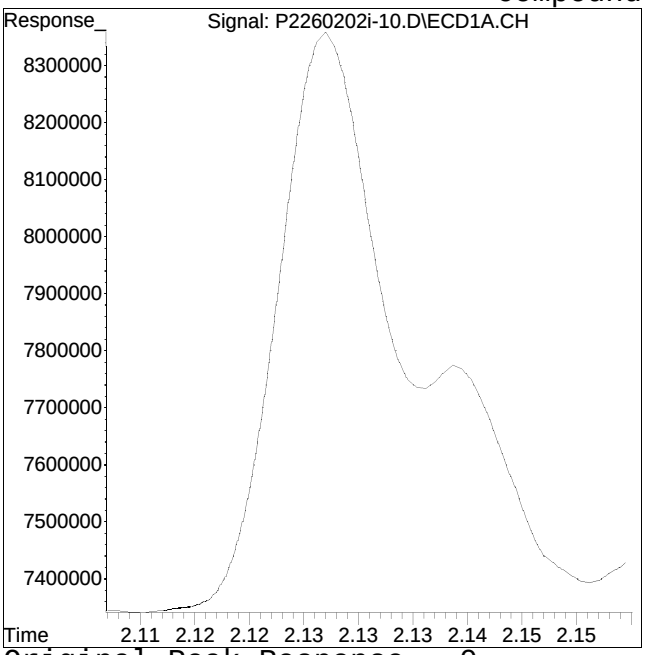


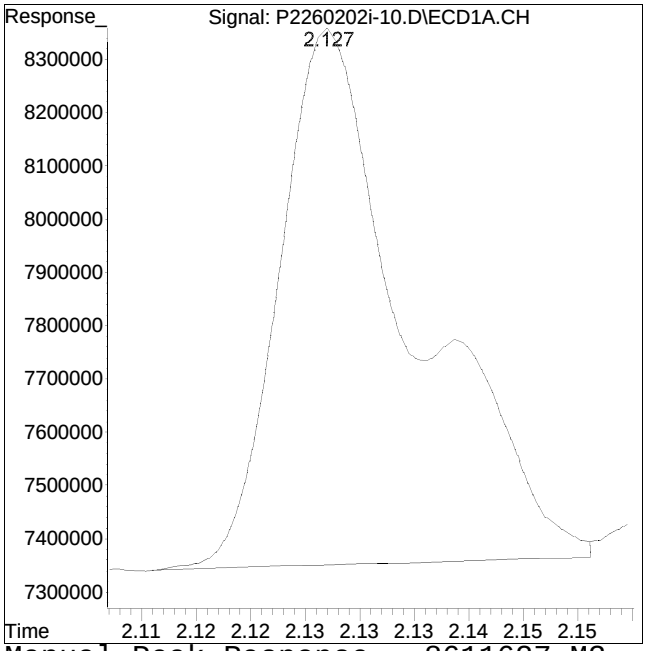
Original Peak Response = 0 Manual Peak Response = 7629412 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #8: 1016-5





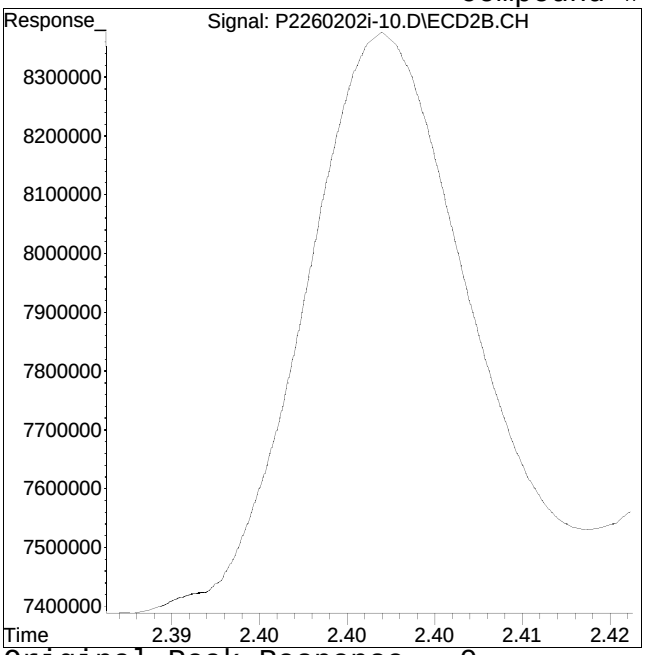
Original Peak Response = 0 Manual Peak Response = 8611627 M3

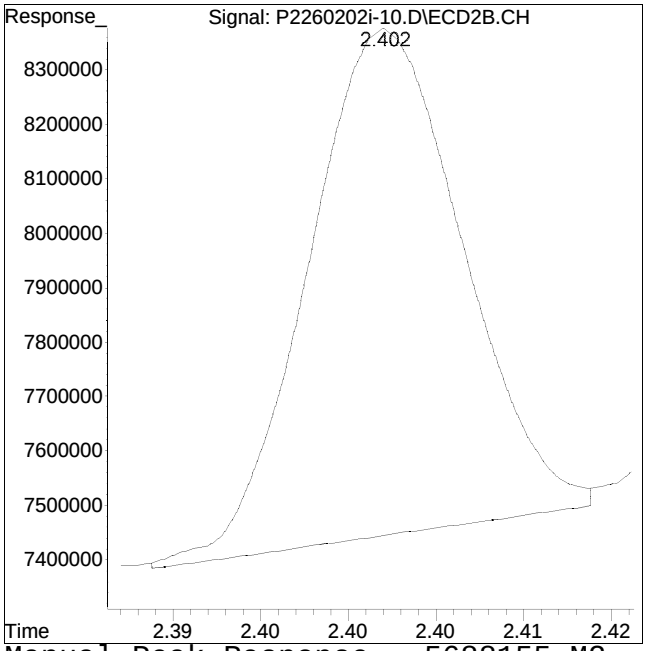
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #59: 1016-5 #2



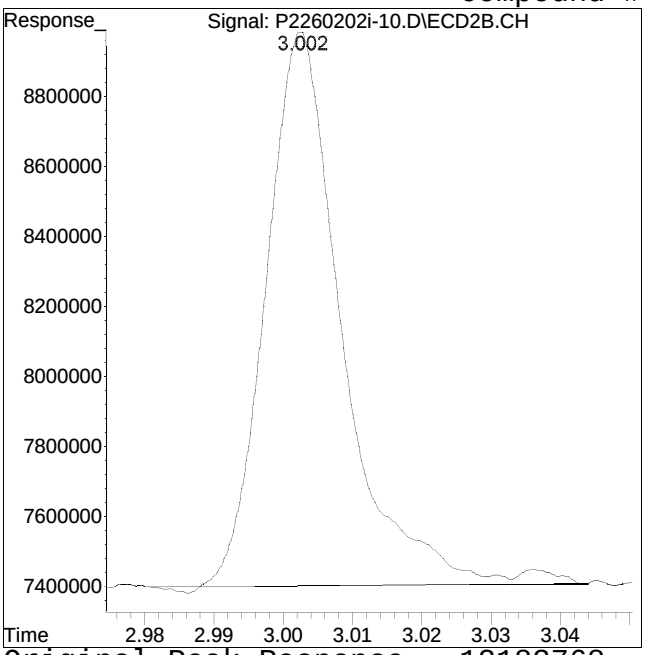


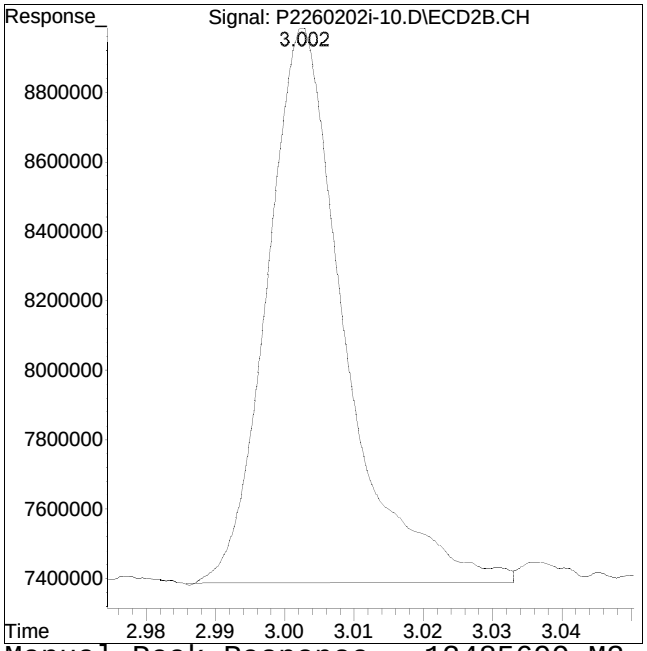
Original Peak Response = 0 Manual Peak Response = 5688155 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #60: 1260-1 #2



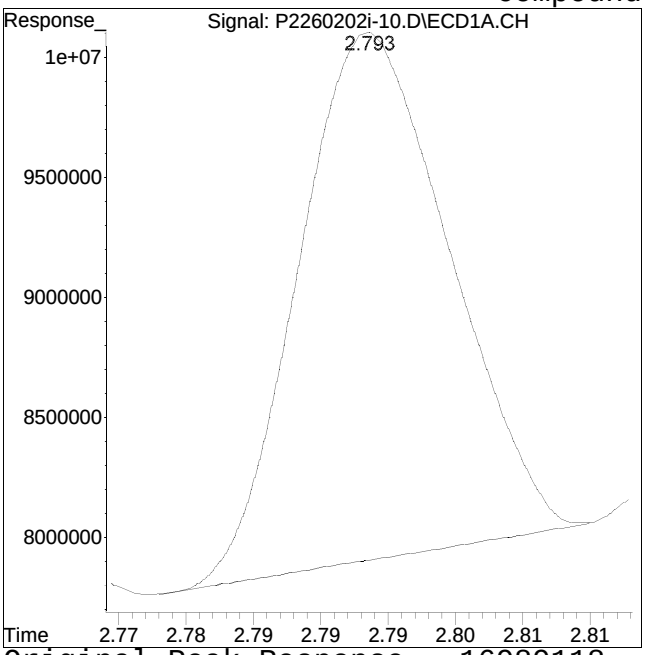


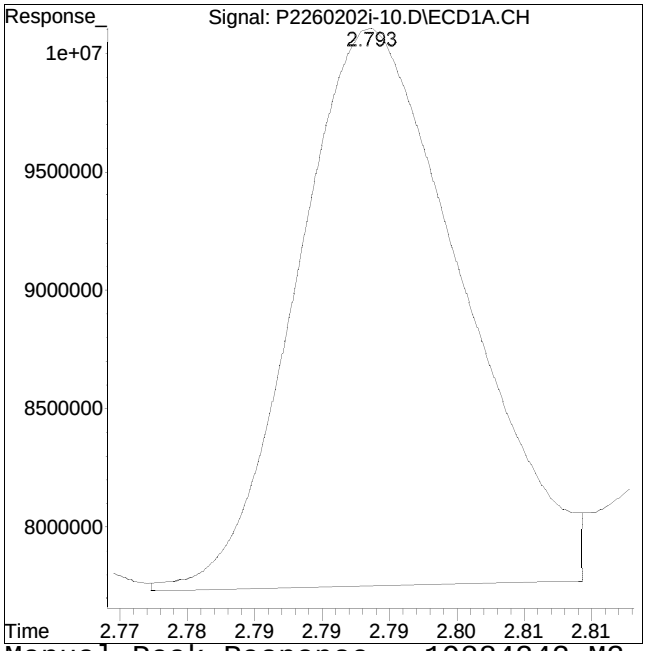
Original Peak Response = 12183768 Manual Peak Response = 12485699 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #10: 1260-2



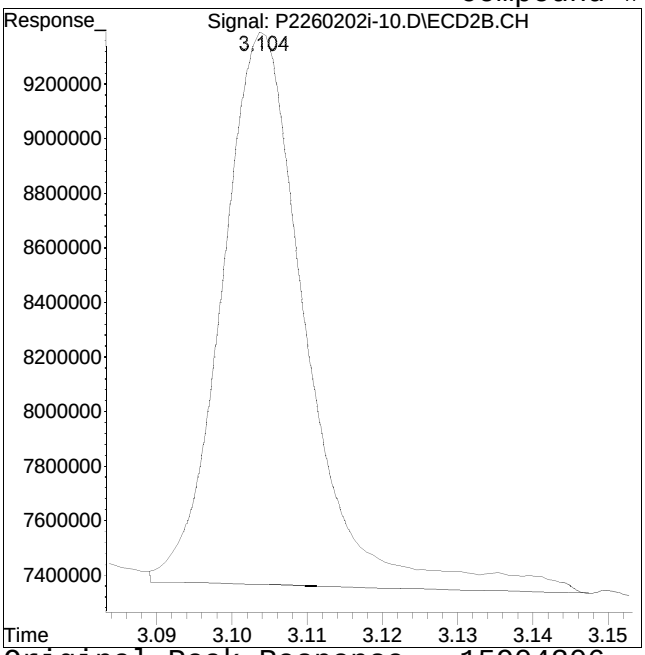


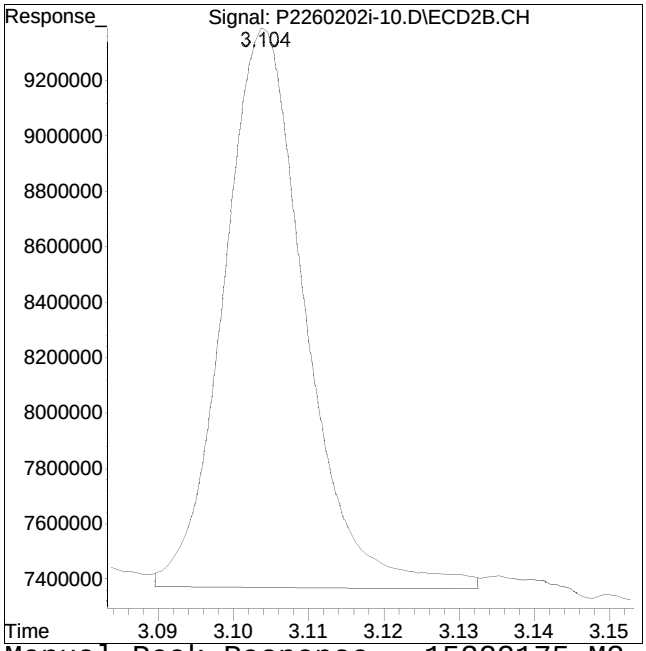
Original Peak Response = 16989118 Manual Peak Response = 19884242 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #61: 1260-2 #2



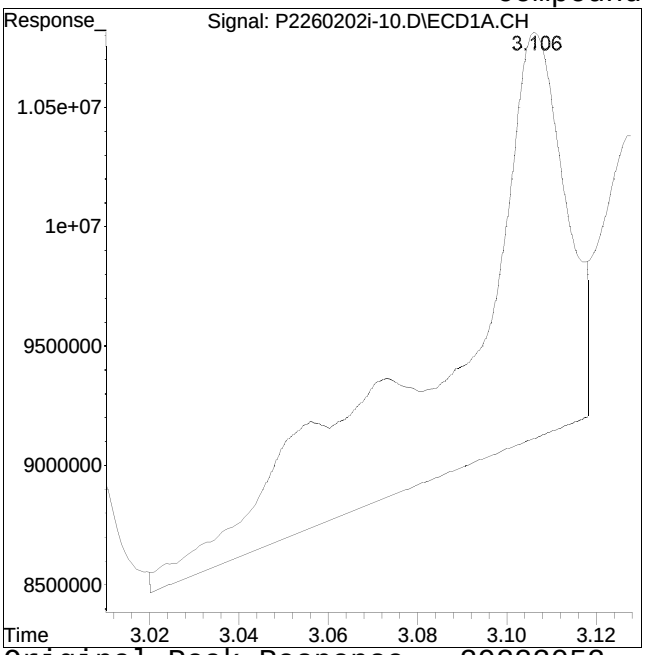


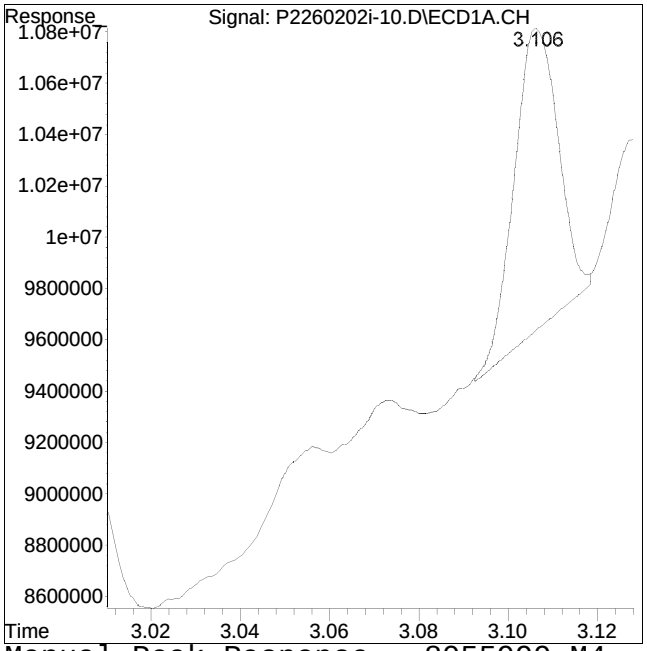
Original Peak Response = 15904206 Manual Peak Response = 15222175 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #11: 1260-3



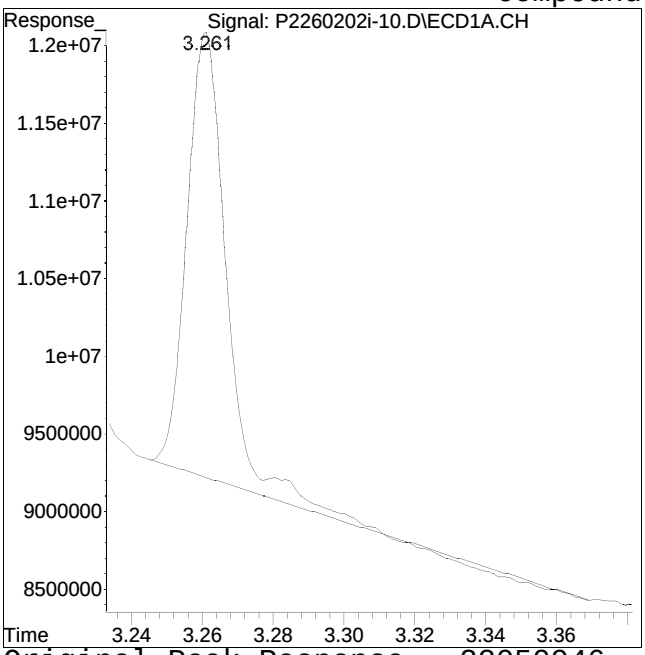


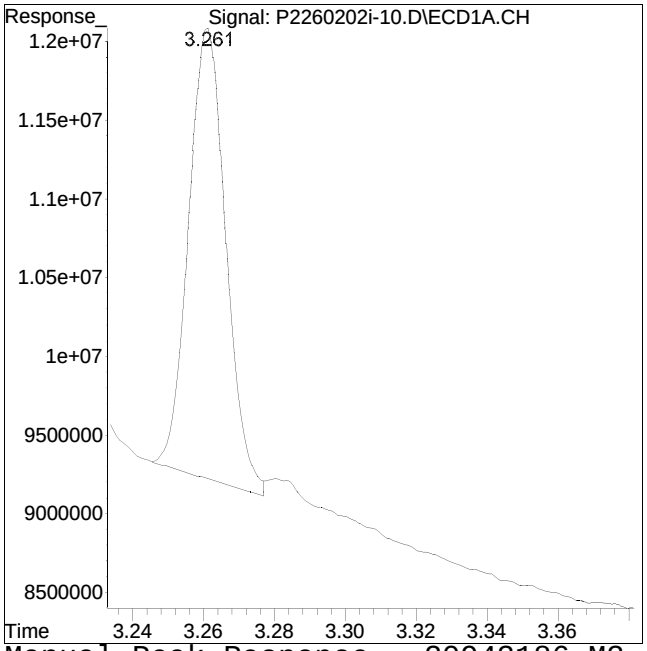
Original Peak Response = 29223052 Manual Peak Response = 8055999 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #12: 1260-4



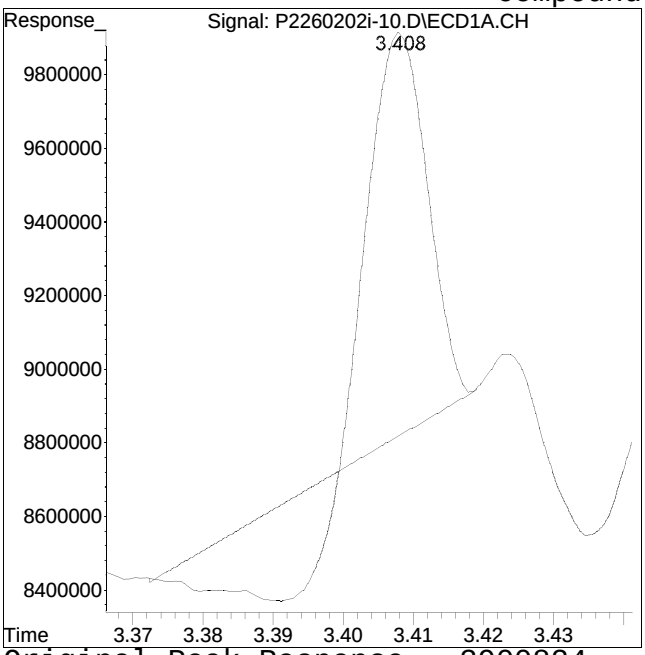


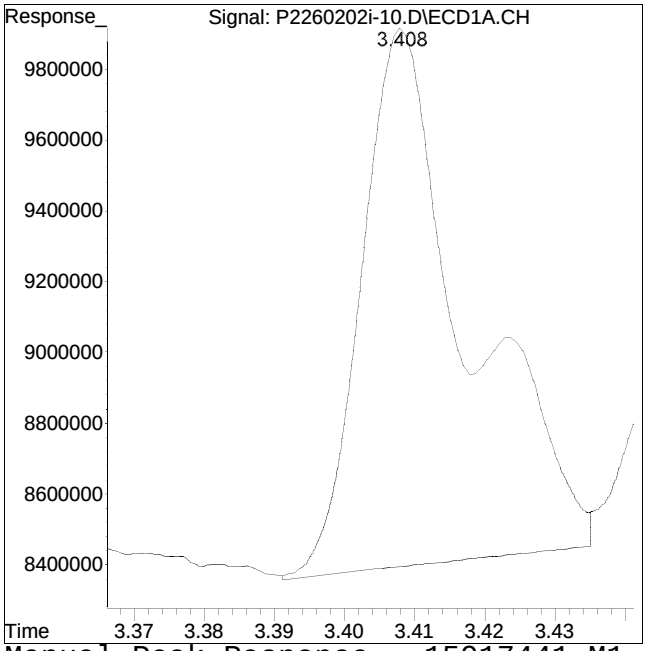
Original Peak Response = 22050946 Manual Peak Response = 20943186 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #13: 1260-5



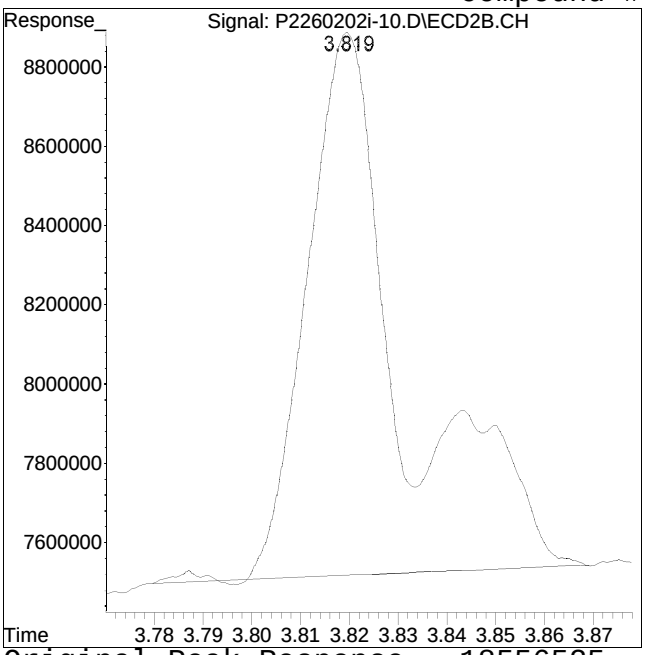


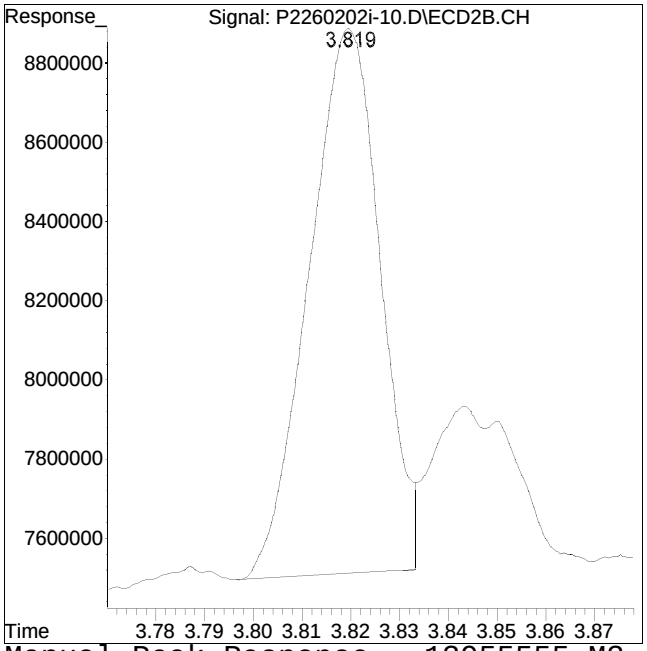
Original Peak Response = 3900824 Manual Peak Response = 15917441 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-10.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 9:58 Instrument : Pest 2
Sample : il31660,42e,,pp 12222 L10RQuant Date : 2/4/2026 10:50 am

Compound #64: 1260-5 #2





Original Peak Response = 18556525 Manual Peak Response = 13955555 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-11.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:07
Operator : pest2:sdc
Sample : il41660,42e,,pp 12222 L20RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:41:17 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:40:57 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.166	1.216	554.0E6	487.9E6	25.000M3	25.000M3
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.445	1.578	49851201	48666263	1.785	1.828
	Spiked Amount 50.000	Range 30 - 150		Recovery =		3.57%#	3.66%#
3) s	Decachlorobi	3.990	4.463	46058917	31607327	1.868	1.808M4
	Spiked Amount 50.000	Range 30 - 150		Recovery =		3.74%#	3.62%#
	Target Compounds						
4) l1	1016-1	1.581	1.773	8949814	9245032	18.950M3	19.203
5) l1	1016-2	1.719	1.939	21233881	21072181	20.064M3	19.084M4
6) l1	1016-3	1.906	2.136	41646807	42151039	18.066M3	18.683
7) l1	1016-4	1.960	2.196	17084248	16773880	17.921M3	18.035
8) l1	1016-5	2.127	2.403	17428286	12376063	17.450M3	18.186M3
Sum	1016-1			106.3E6	101.6E6	92.451	93.191
Average	1016-1					18.490	18.638
9) l2	1260-1	2.665	3.003	26694088	27047680	17.843	20.006
10) l2	1260-2	2.793	3.105	42234433	28363395	18.128M3	17.499
11) l2	1260-3	3.107	3.491	21527274	19964809	18.003	16.646M4

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-11.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:07
Operator : pest2:sdc
Sample : il41660,42e,,pp 12222 L20RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:41:17 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:40:57 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
12) l2	1260-4	3.261	3.620	47412048	39605078	18.344M3	17.878M4
13) l2	1260-5	3.408	3.819	36062435	25807914	18.366M1	16.517M4
Sum	1260-1			173.9E6	140.8E6	NoCal	NoCal D
Average	1260-1					18.137	17.709
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-11.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:07
Operator : pest2:sdc
Sample : il41660,42e,,pp 12222 L20RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:41:17 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:40:57 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-11.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:07
Operator : pest2:sdc
Sample : il41660,42e,,pp 12222 L20RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:41:17 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:40:57 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

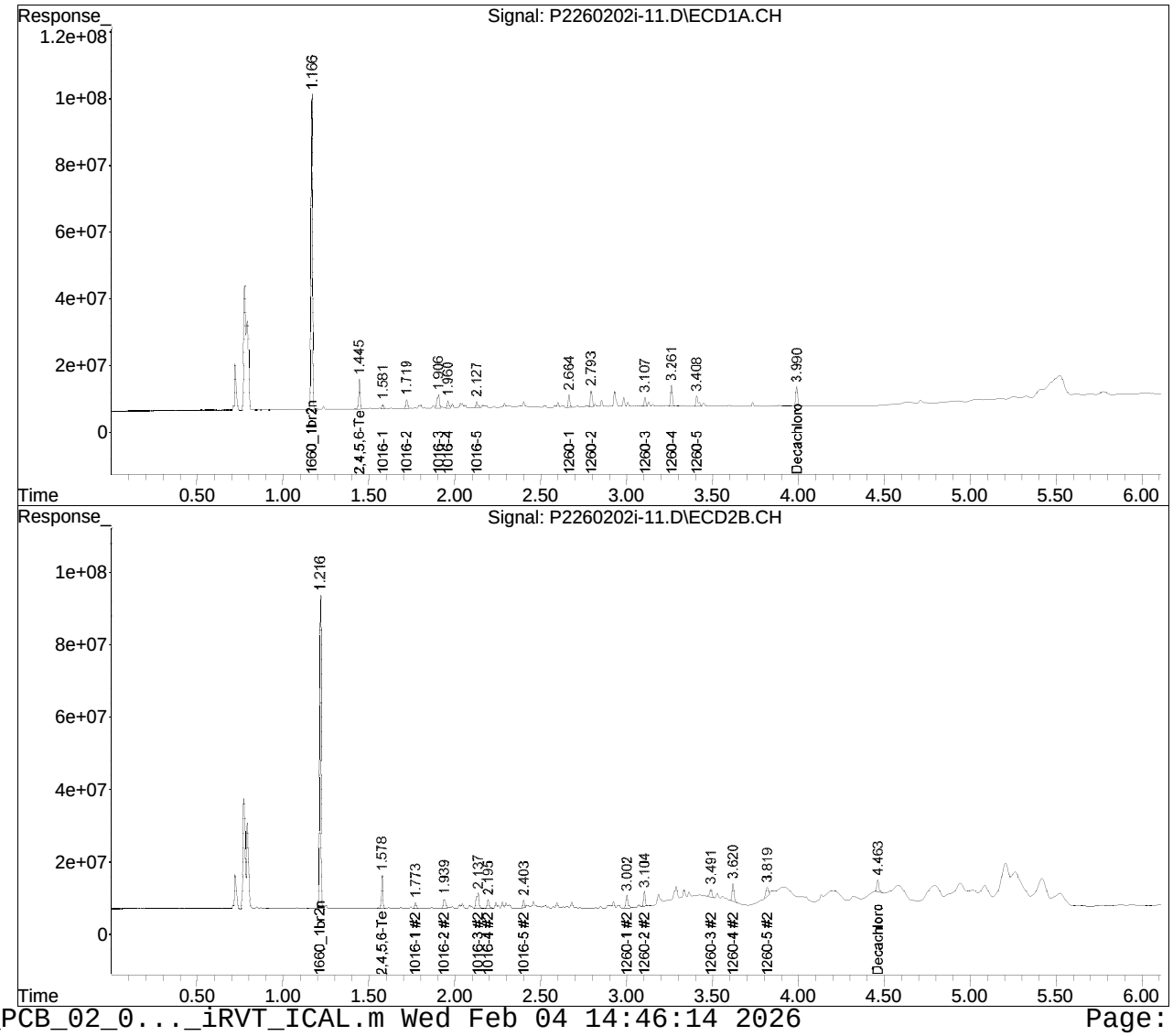
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-11.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:07
Operator : pest2:sdc
Sample : il41660,42e,,pp 12222 L20RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:41:17 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:40:57 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

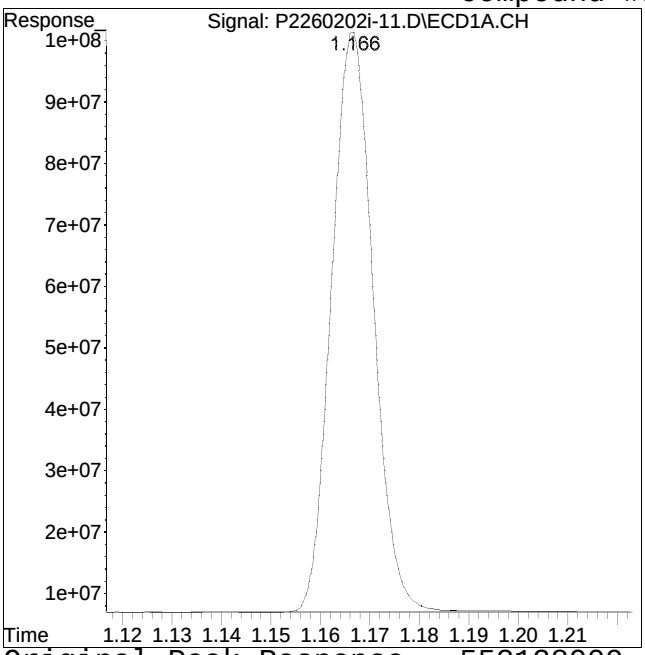
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

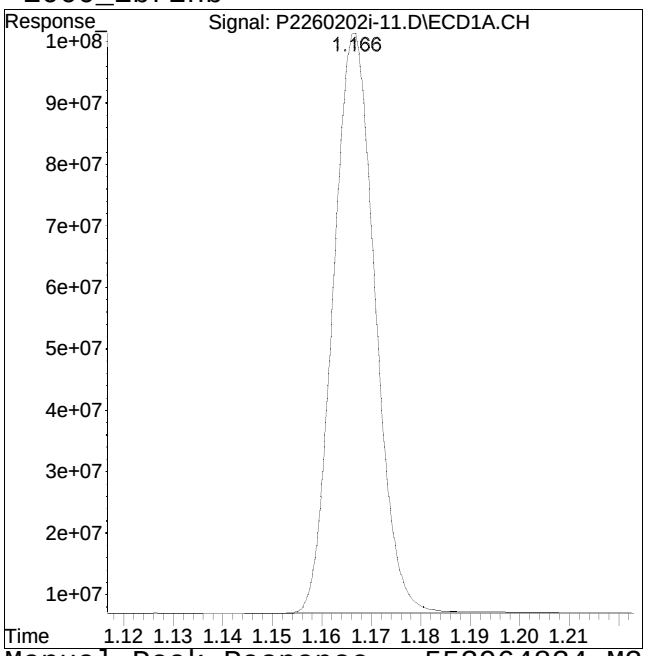


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #1: 1660_1br2nb



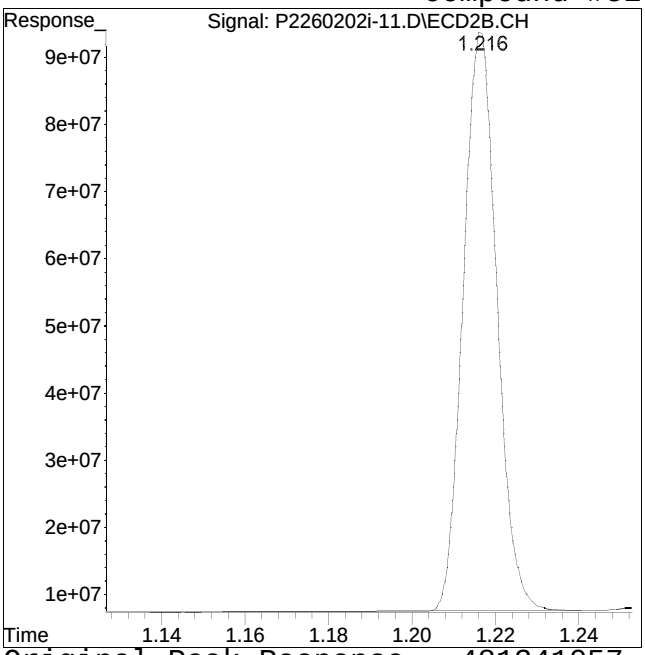


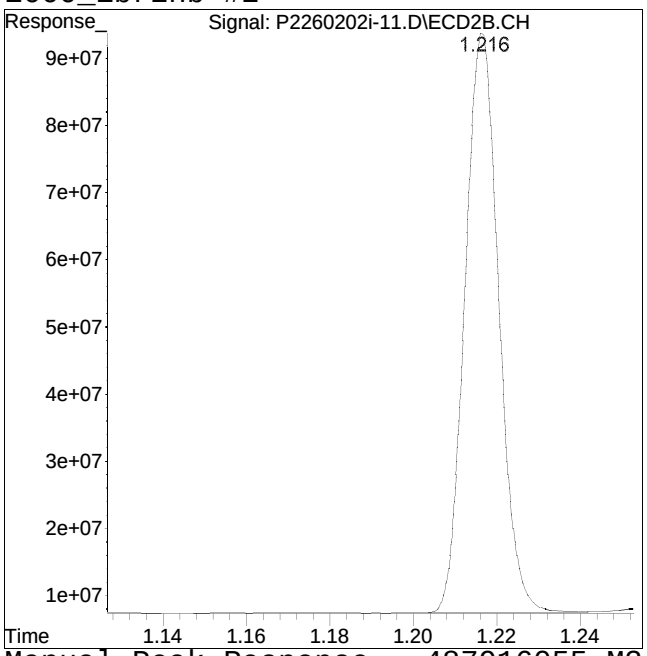
Original Peak Response = 553128909 Manual Peak Response = 553964834 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #52: 1660_1br2nb #2



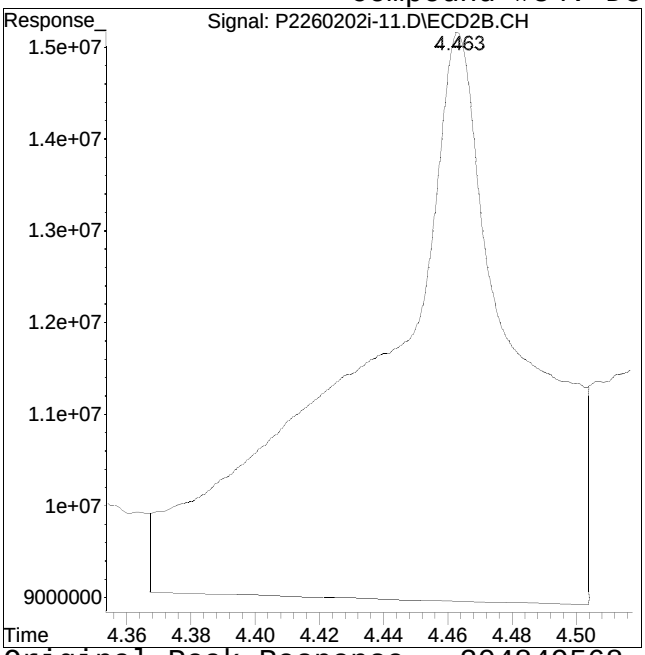


Original Peak Response = 481341057 Manual Peak Response = 487916055 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

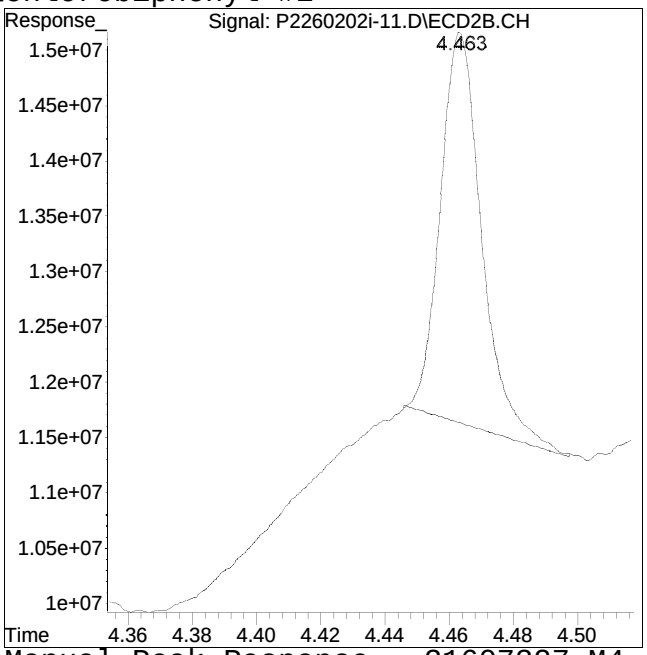
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #54: Decachlorobiphenyl #2



Original Peak Response = 204849568



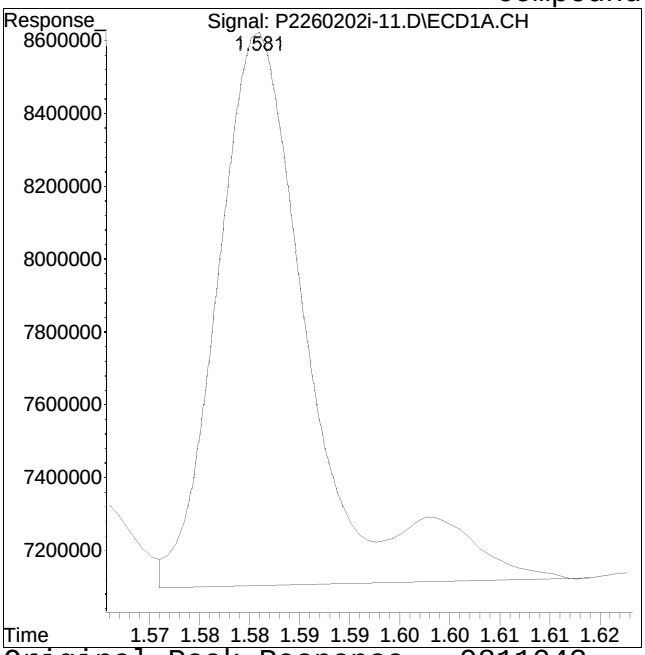
Manual Peak Response = 31607327 M4

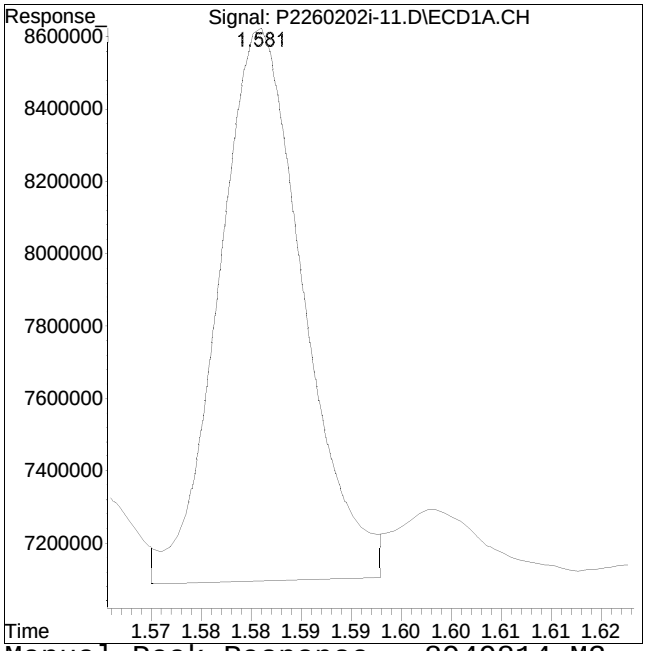
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #4: 1016-1



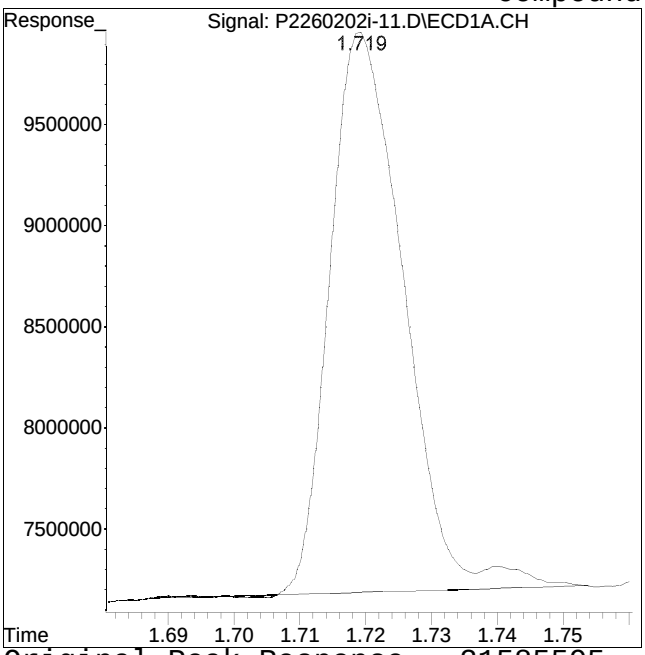


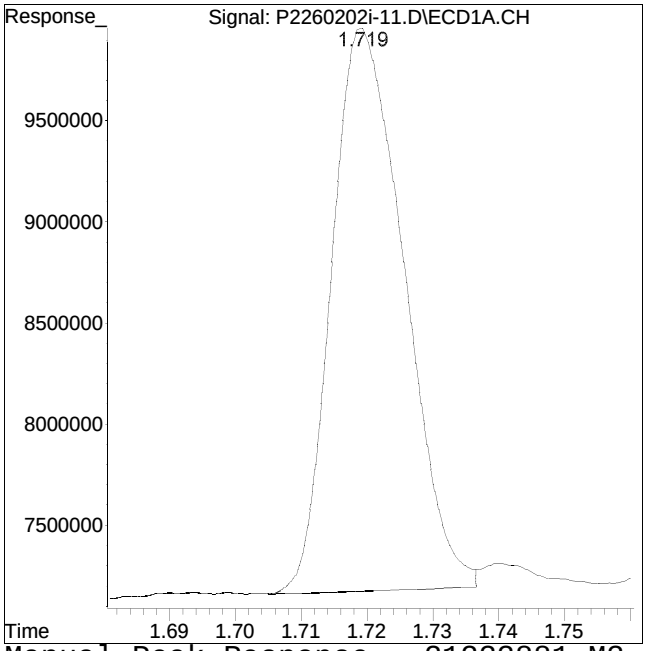
Original Peak Response = 9811043 Manual Peak Response = 8949814 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #5: 1016-2



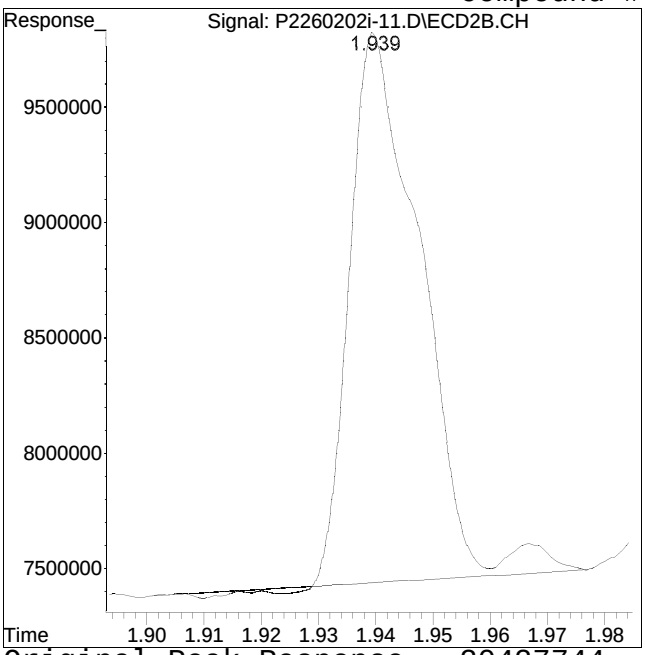


Original Peak Response = 21585595 Manual Peak Response = 21233881 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

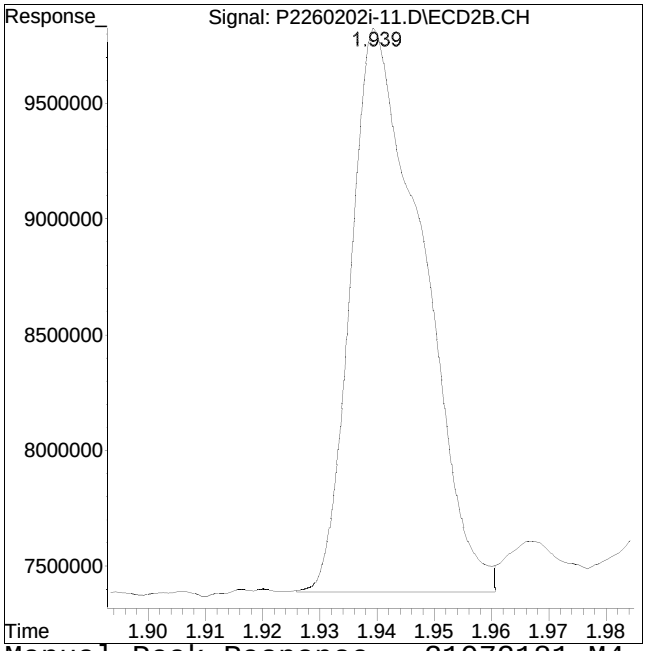
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #56: 1016-2 #2



Original Peak Response = 20427744



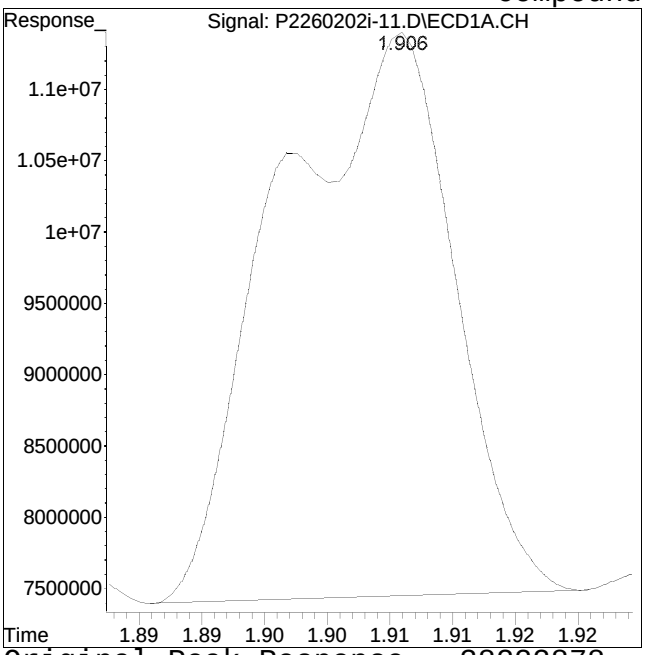
Manual Peak Response = 21072181 M4

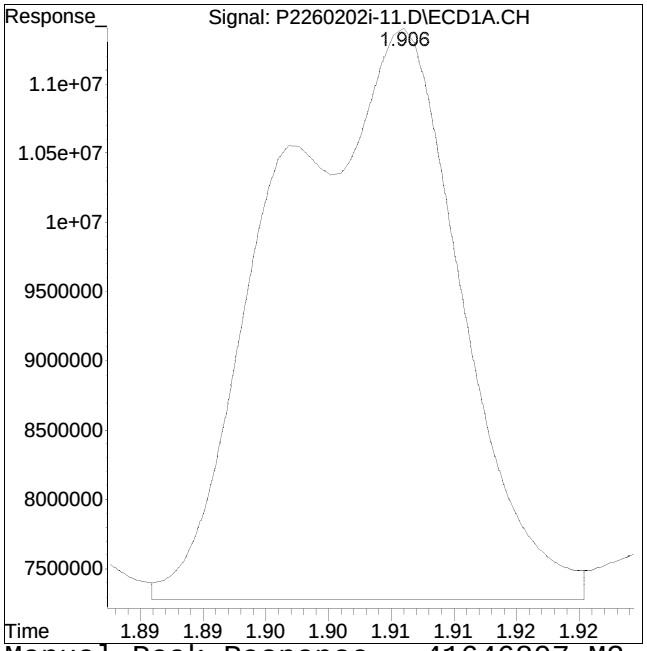
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #6: 1016-3



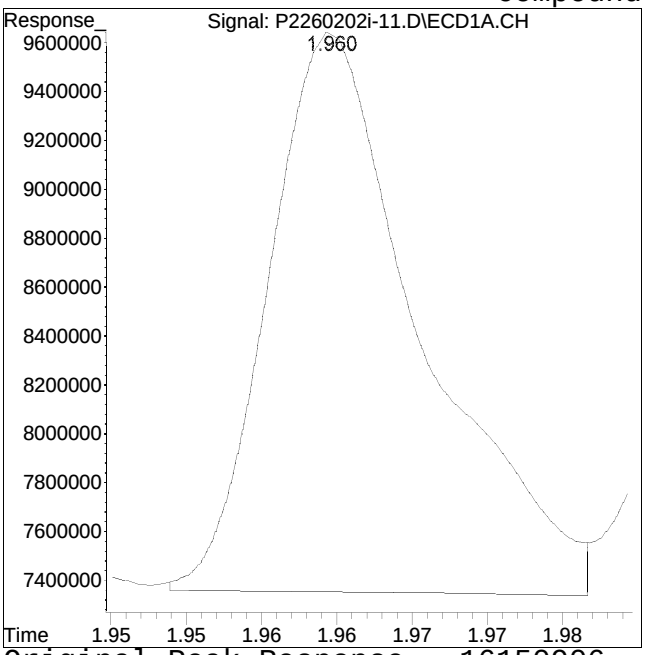


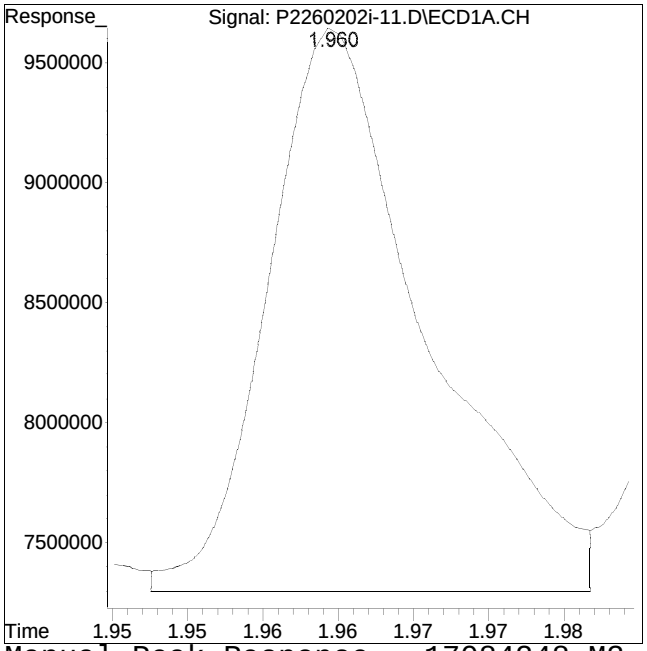
Original Peak Response = 38222878 Manual Peak Response = 41646807 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #7: 1016-4



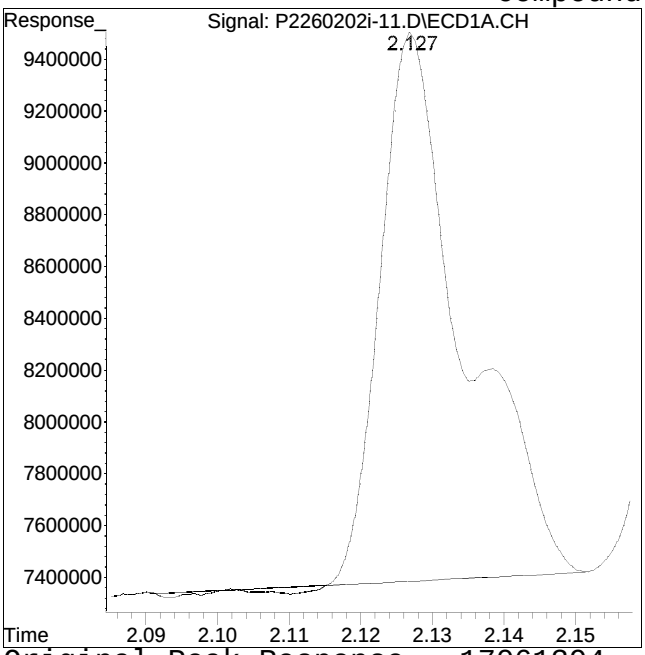


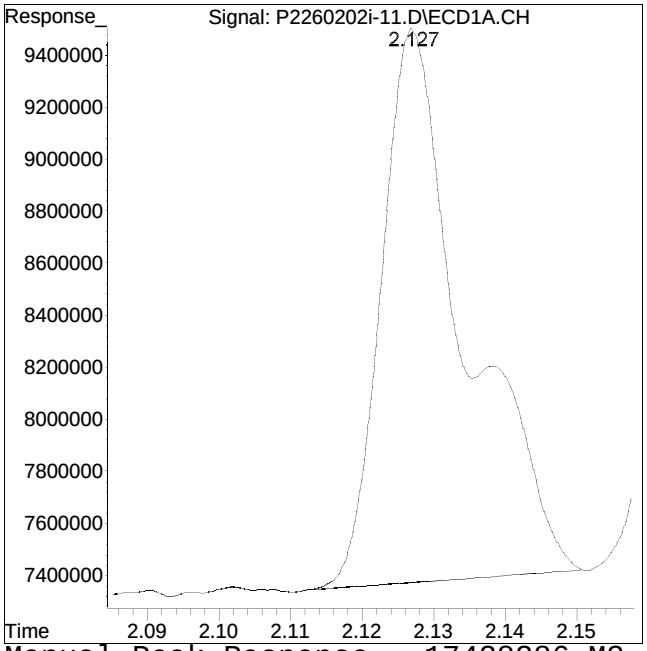
Original Peak Response = 16150906 Manual Peak Response = 17084248 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #8: 1016-5



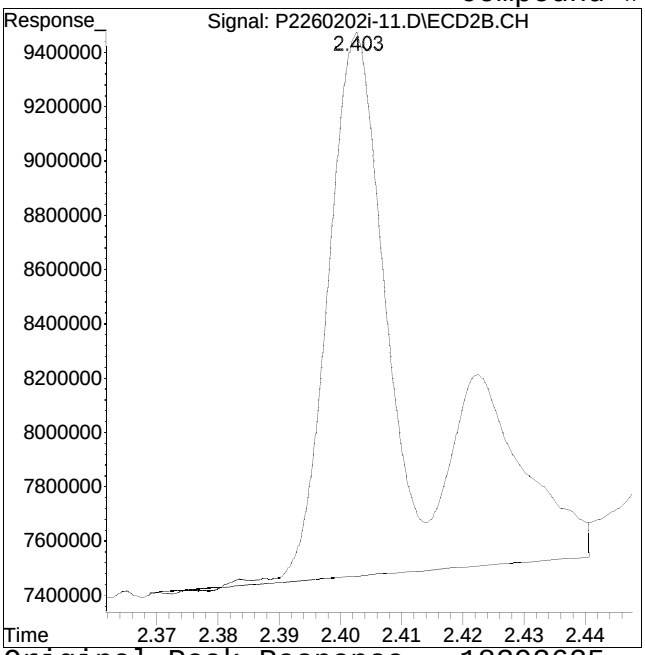


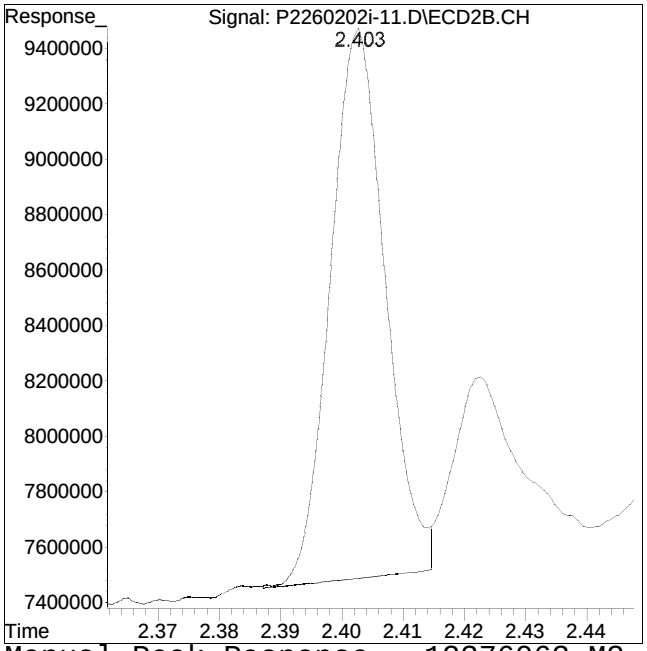
Original Peak Response = 17061394 Manual Peak Response = 17428286 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #59: 1016-5 #2



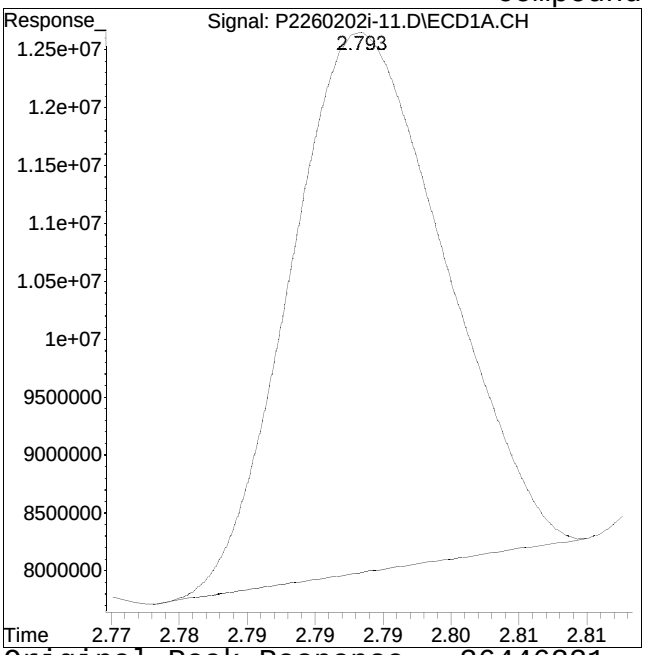


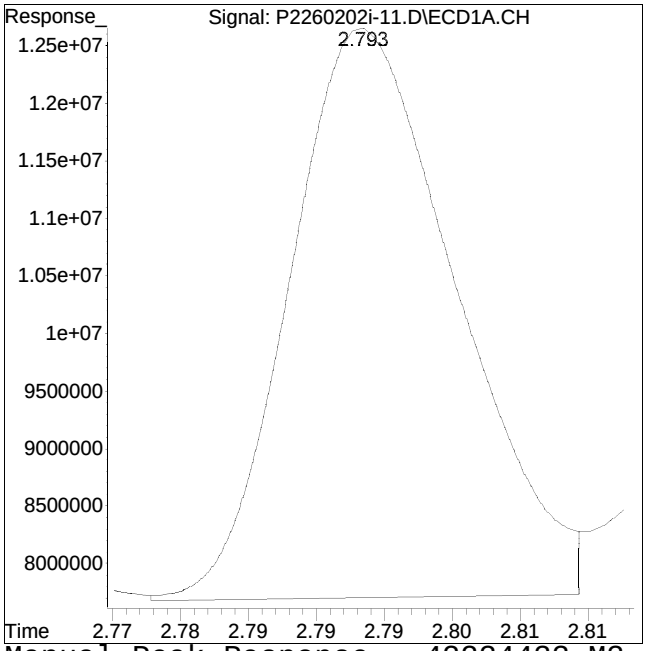
Original Peak Response = 18392625 Manual Peak Response = 12376063 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #10: 1260-2



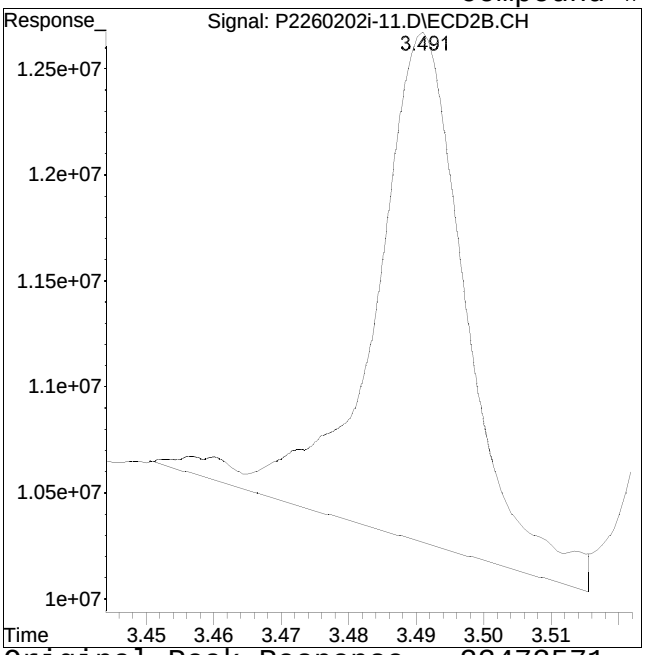


Original Peak Response = 36446231 Manual Peak Response = 42234433 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

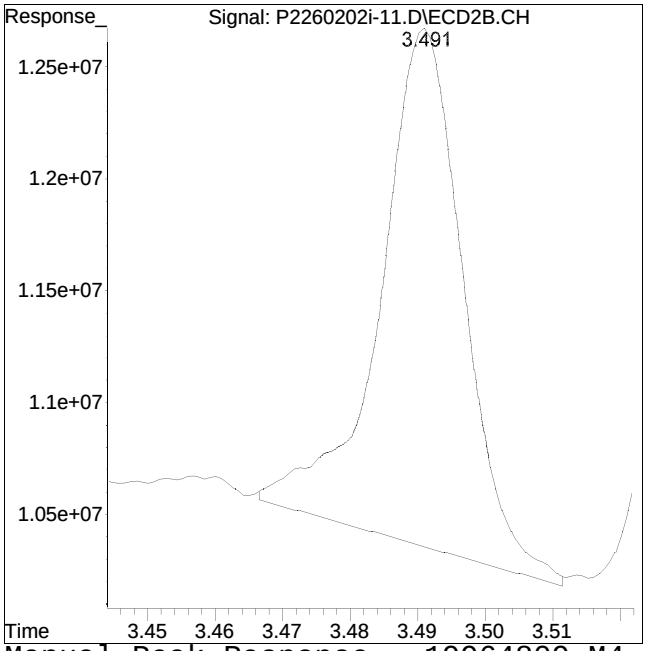
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #62: 1260-3 #2



Original Peak Response = 23473571

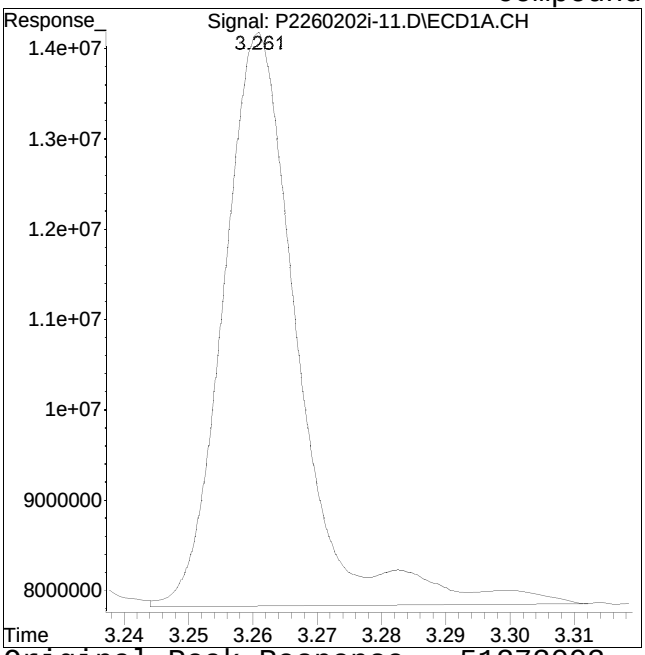


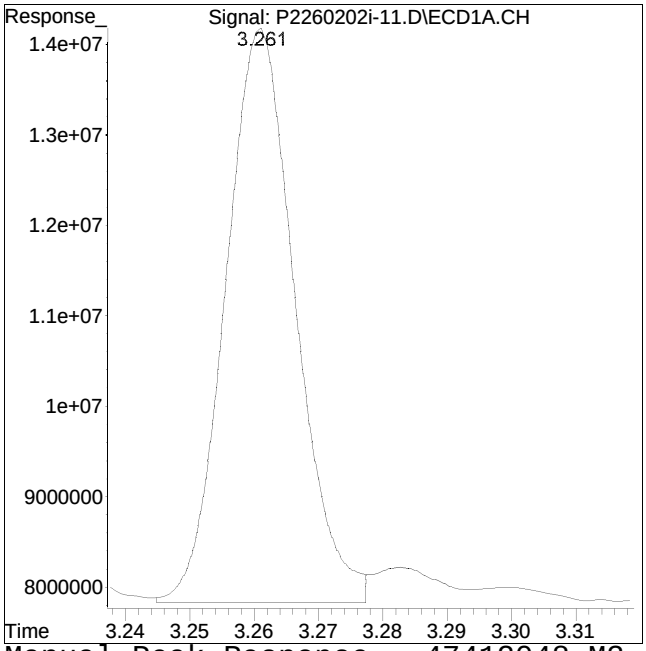
Manual Peak Response = 19964809 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #12: 1260-4



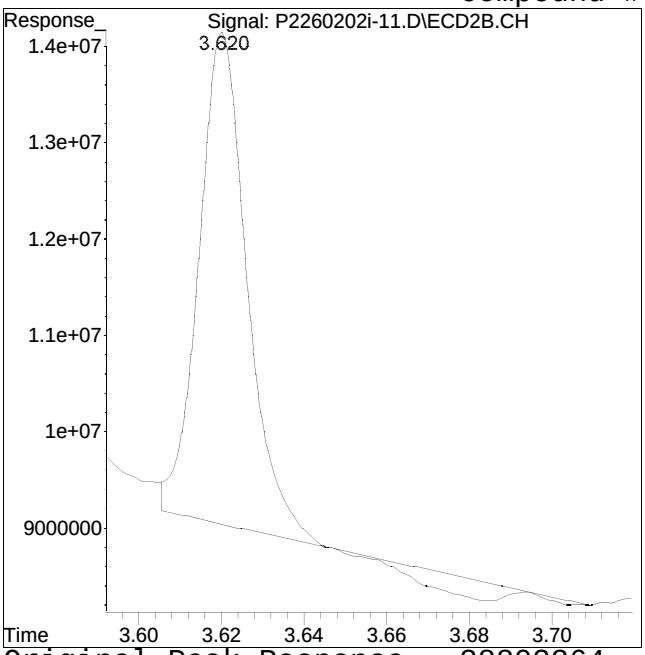


Original Peak Response = 51273093 Manual Peak Response = 47412048 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

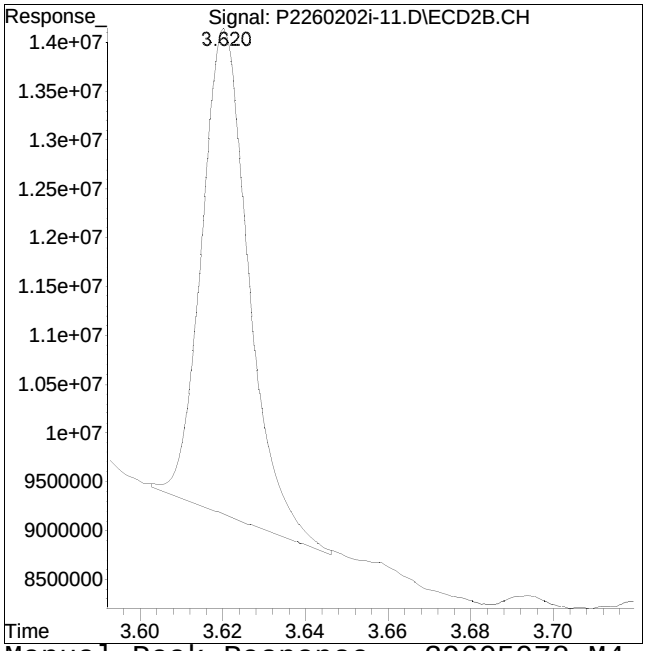
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #63: 1260-4 #2



Original Peak Response = 38803264



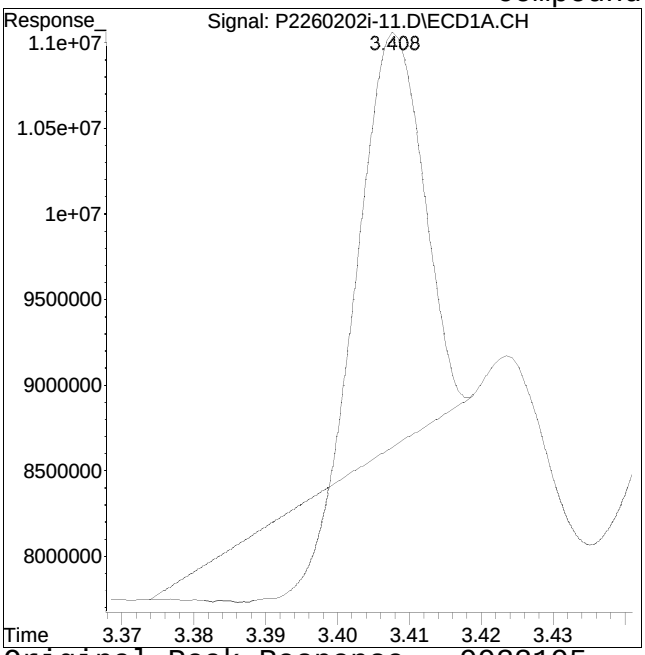
Manual Peak Response = 39605078 M4

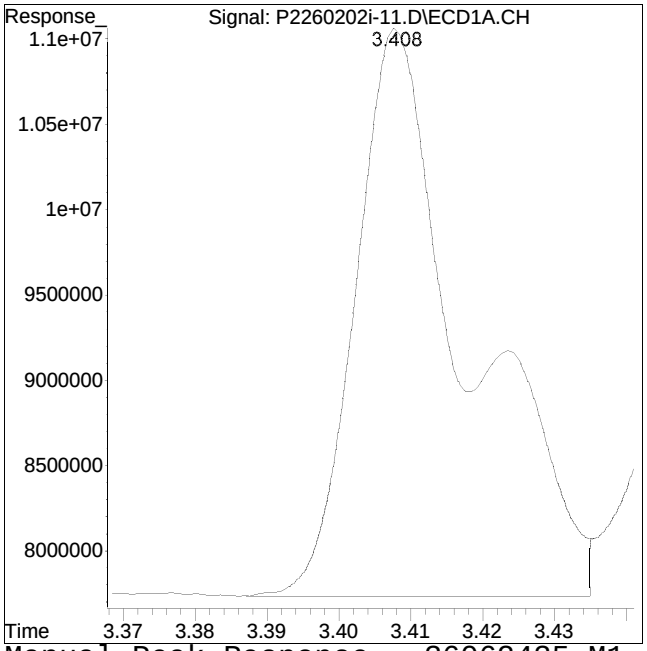
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #13: 1260-5



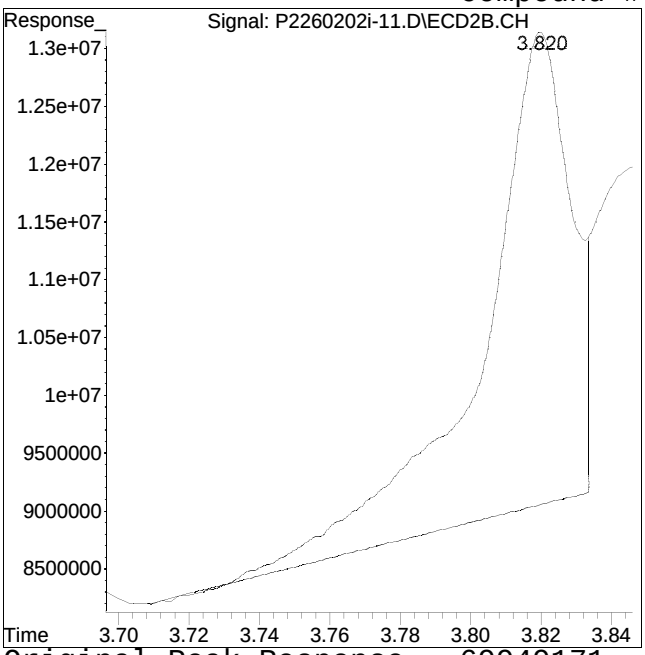


Original Peak Response = 9933195 Manual Peak Response = 36062435 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

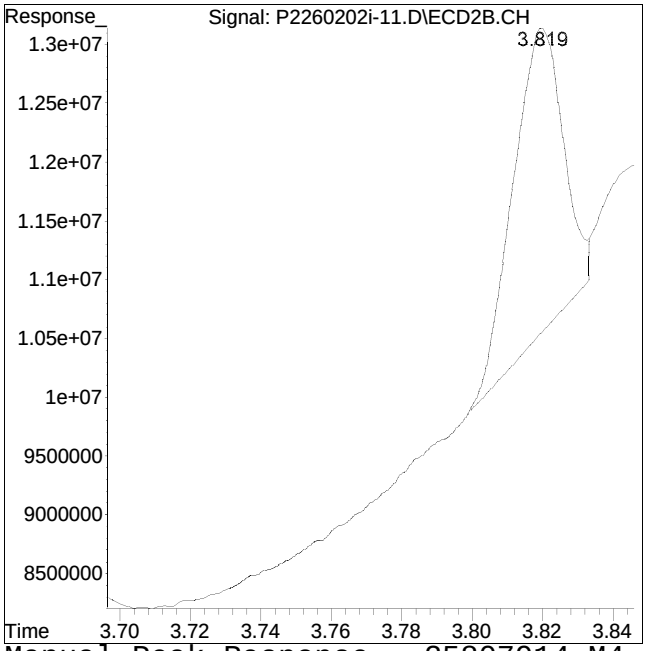
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-11.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:07 Instrument : Pest 2
Sample : il41660,42e,,pp 12222 L20RQuant Date : 2/4/2026 10:41 am

Compound #64: 1260-5 #2



Original Peak Response = 69949171



Manual Peak Response = 25807914 M4
M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-12.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:16
Operator : pest2:sdc
Sample : il51660,42e,,pp 12222 L30RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:37:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:37:05 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.167	1.216	538.0E6	469.1E6	25.000M3	25.000M3
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.445	1.578	76871141	72896540	2.813	2.829
	Spiked Amount 50.000	Range 30 - 150		Recovery =		5.63%#	5.66%#
3) s	Decachlorobi	3.990	4.464	68407964	48436037	2.830	2.874M4
	Spiked Amount 50.000	Range 30 - 150		Recovery =		5.66%#	5.75%#
	Target Compounds						
4) l1	1016-1	1.581	1.774	13370449	13500495	28.764M3	28.951
5) l1	1016-2	1.720	1.940	32232016	31257296	31.400M3	29.546M4
6) l1	1016-3	1.906	2.136	63929064	62517763	28.302	28.545
7) l1	1016-4	1.960	2.196	25841286	25063499	27.549M3	27.675
8) l1	1016-5	2.128	2.403	26813902	19406489	27.518	29.495M3
	Sum 1016-1			162.2E6	151.7E6	143.532	144.212
	Average 1016-1					28.706	28.842
9) l2	1260-1	2.665	3.003	40263144	40864980	27.350	31.631
10) l2	1260-2	2.794	3.105	64730131	46045828	28.267	29.319
11) l2	1260-3	3.107	3.491	32937002	33386545	27.874	28.868
12) l2	1260-4	3.261	3.621	72298092	62929216	28.649M3	29.551M3

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-12.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:16
Operator : pest2:sdc
Sample : il51660,42e,,pp 12222 L30RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:37:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:37:05 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
13) l2	1260-5	3.409	3.820	53571555	42127346	27.784M1	27.833M3
Sum	1260-1			263.8E6	225.4E6	NoCal	NoCal D
Average	1260-1					27.985	29.440
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-12.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:16
Operator : pest2:sdc
Sample : il51660,42e,,pp 12222 L30RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:37:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:37:05 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument							
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-12.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:16
Operator : pest2:sdc
Sample : il51660,42e,,pp 12222 L30RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:37:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:37:05 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

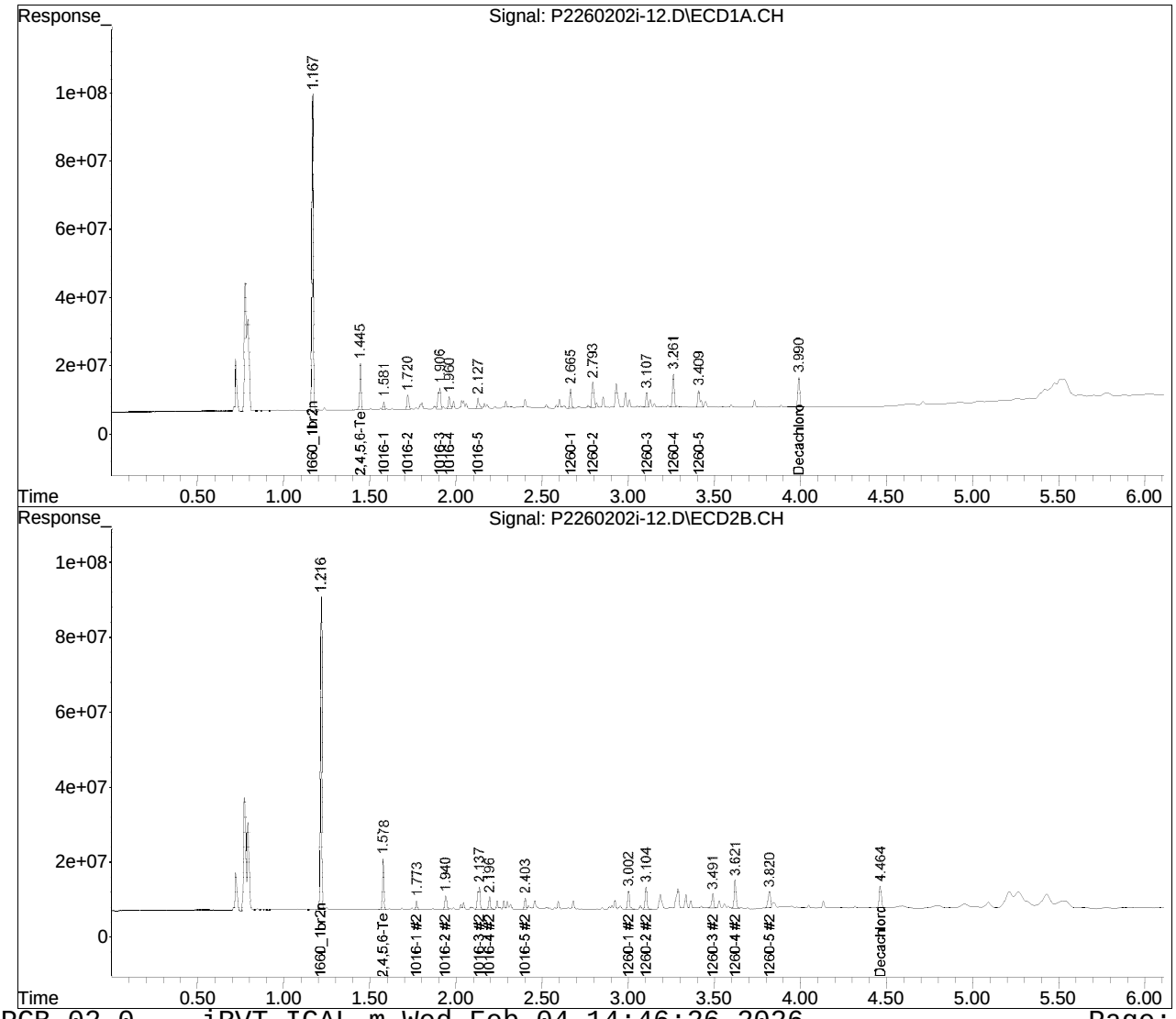
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-12.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:16
Operator : pest2:sdc
Sample : il51660,42e,,pp 12222 L30RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:37:30 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:37:05 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

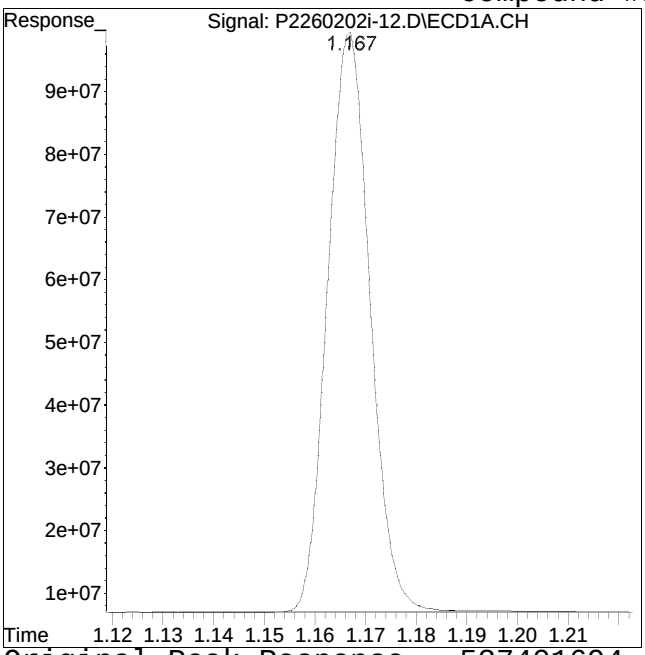
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

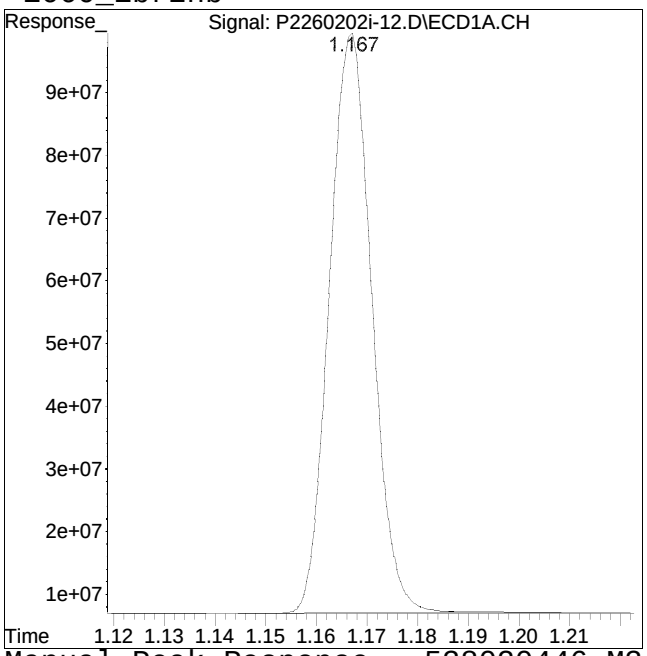


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #1: 1660_1br2nb



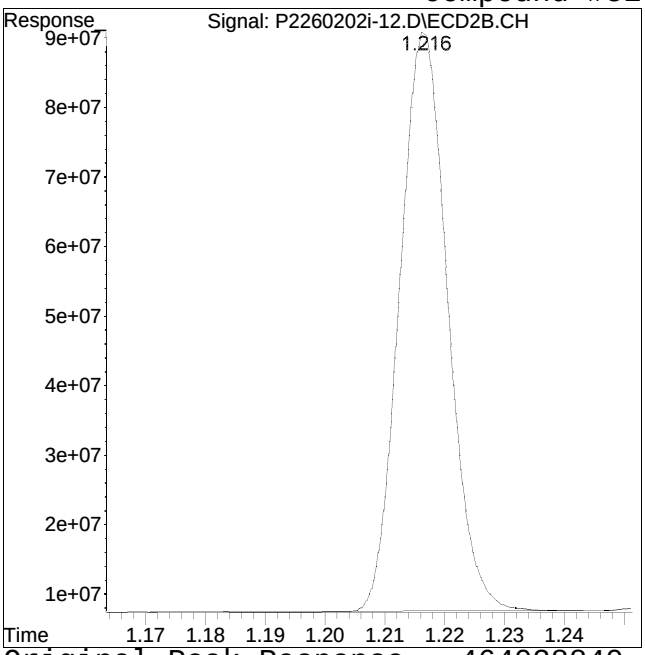


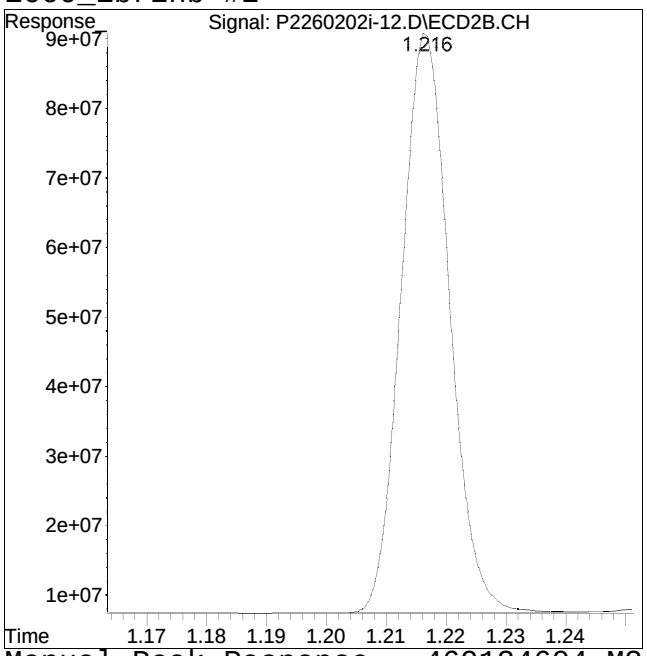
Original Peak Response = 537401694 Manual Peak Response = 538020446 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #52: 1660_1br2nb #2



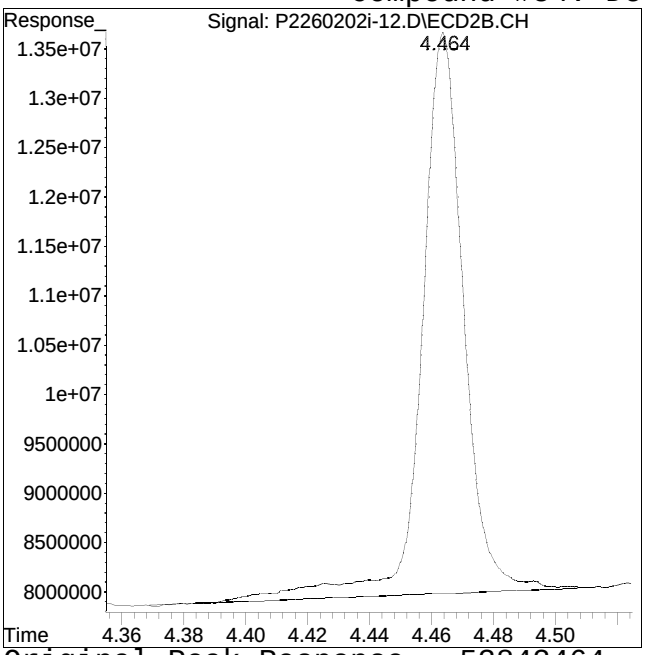


Original Peak Response = 464028840 Manual Peak Response = 469124604 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

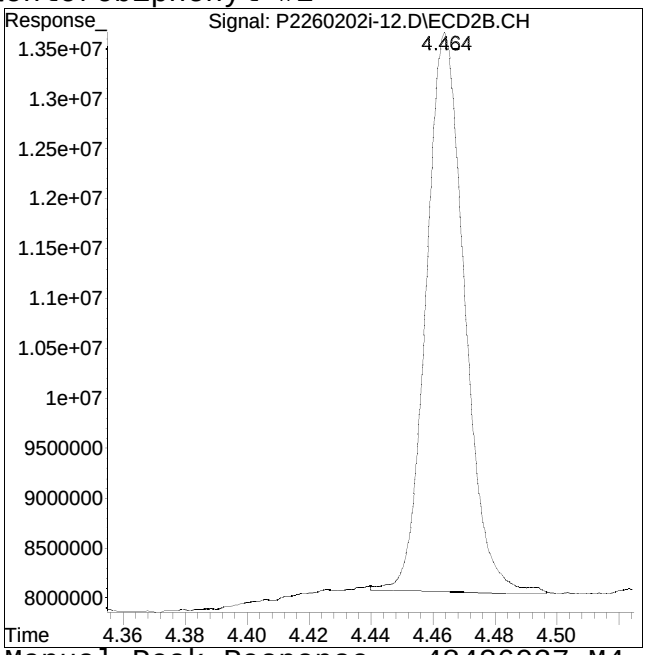
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #54: Decachlorobiphenyl #2



Original Peak Response = 53842464



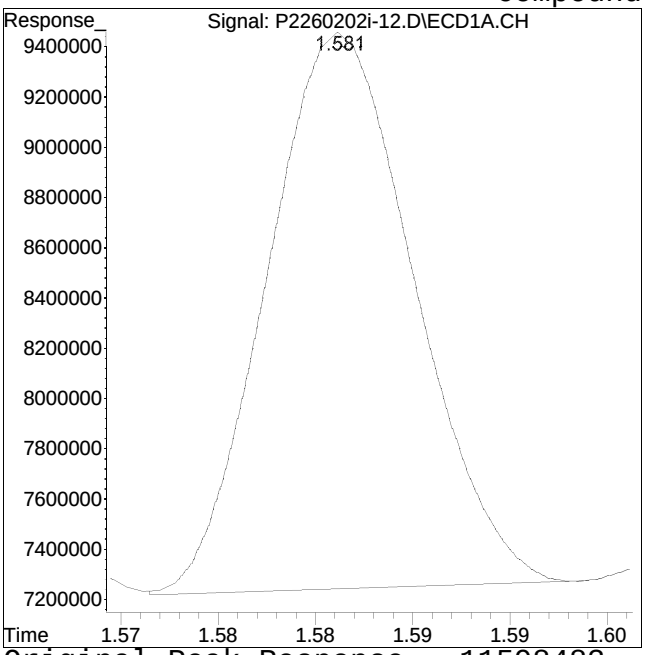
Manual Peak Response = 48436037 M4

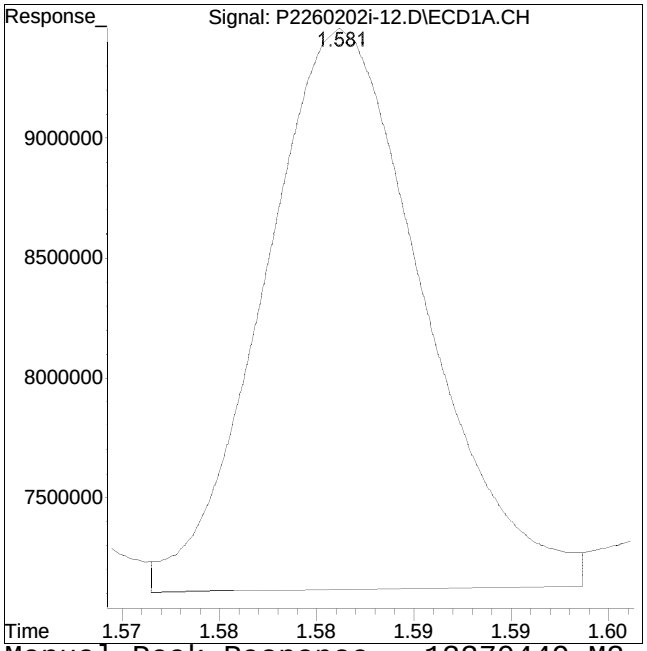
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #4: 1016-1



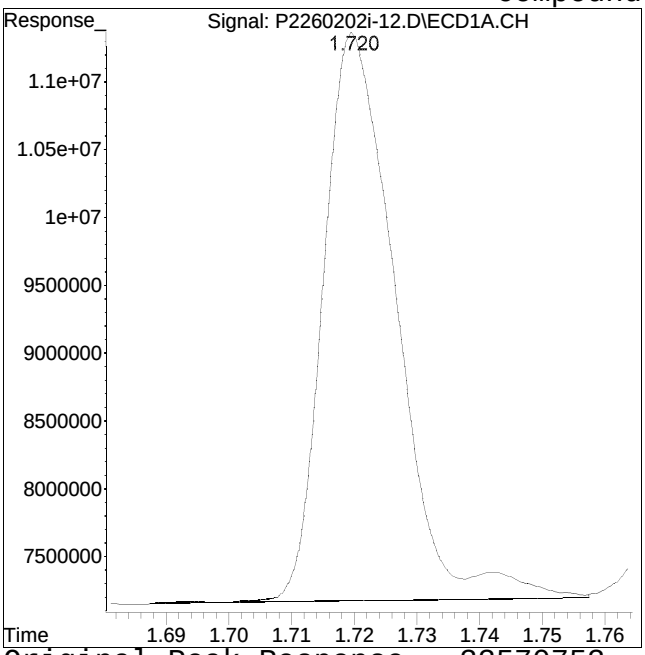


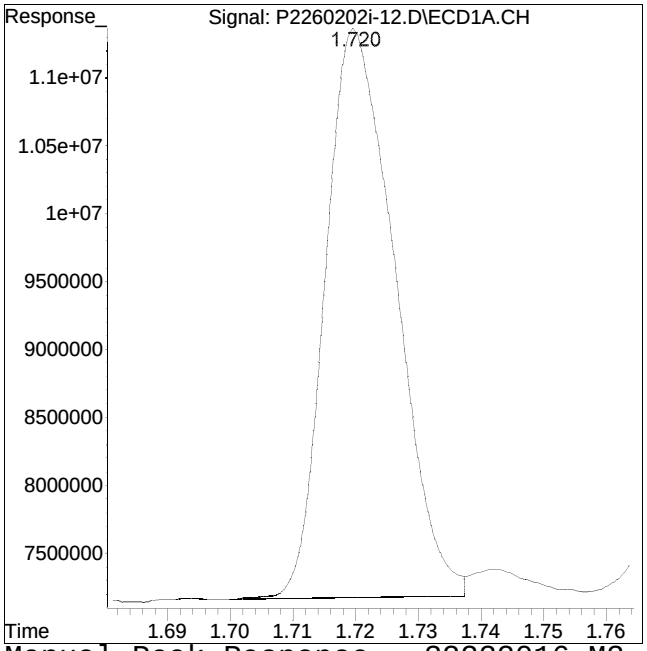
Original Peak Response = 11598483 Manual Peak Response = 13370449 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #5: 1016-2



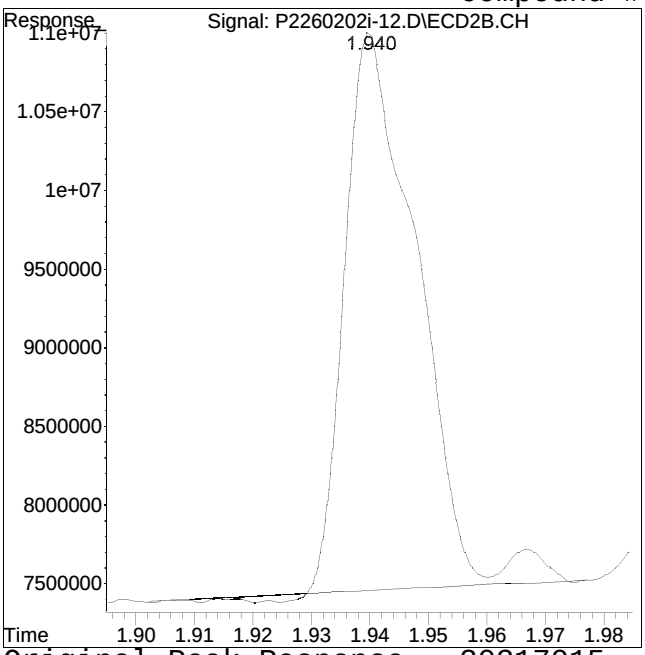


Original Peak Response = 33570753 Manual Peak Response = 32232016 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

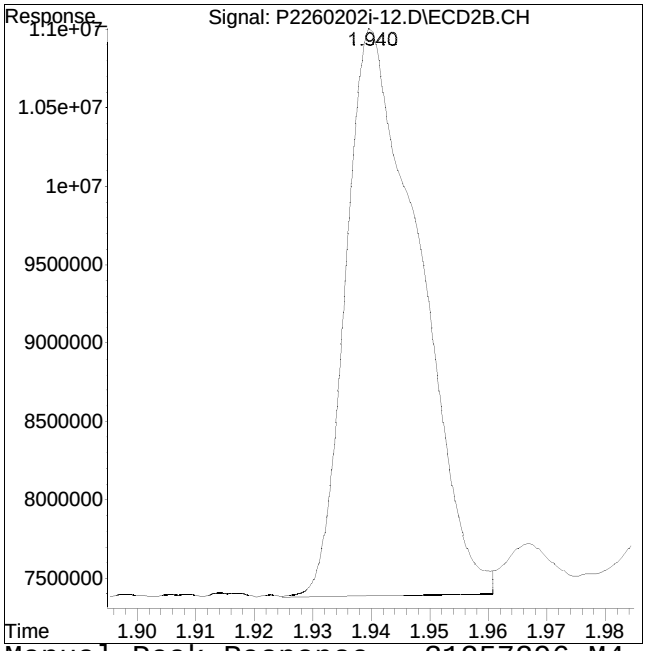
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #56: 1016-2 #2



Original Peak Response = 30317015



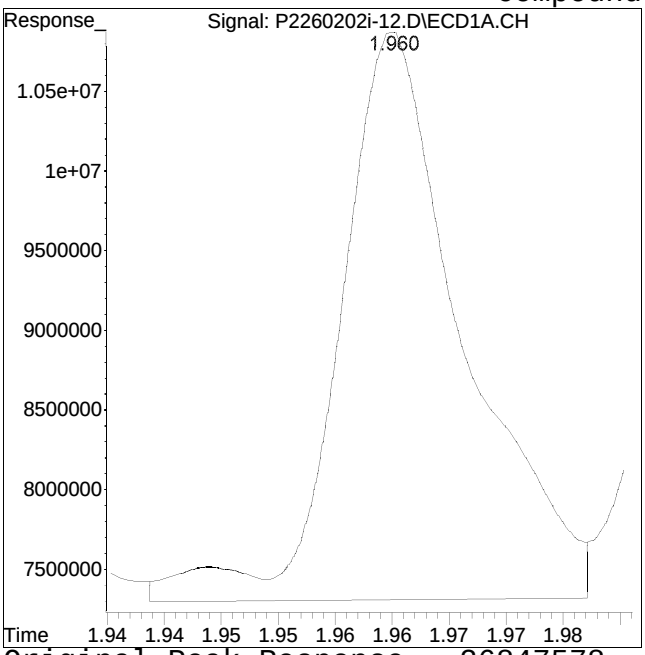
Manual Peak Response = 31257296 M4

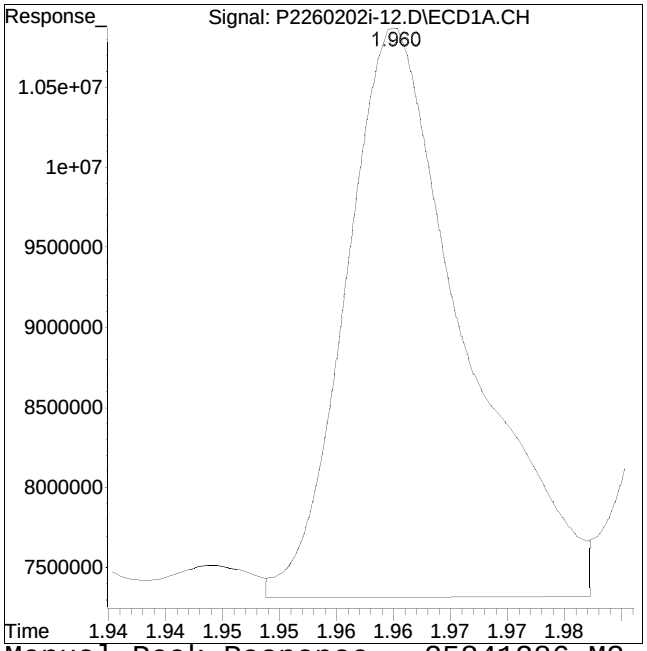
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #7: 1016-4



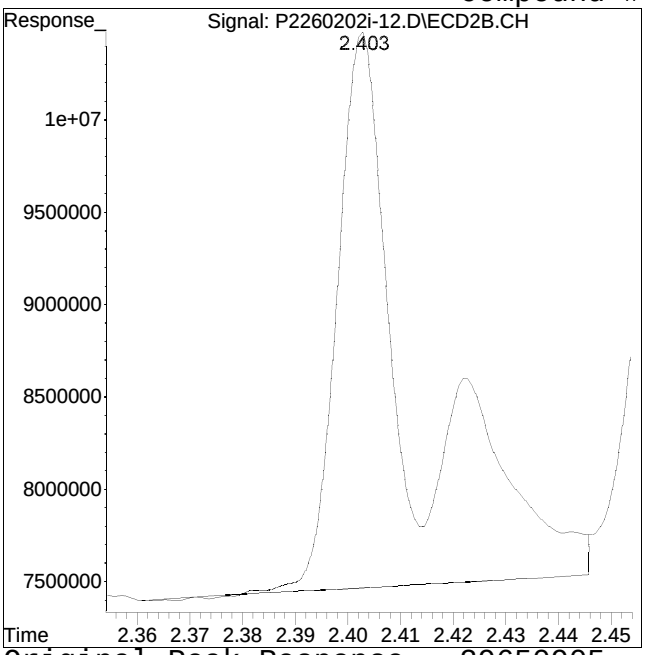


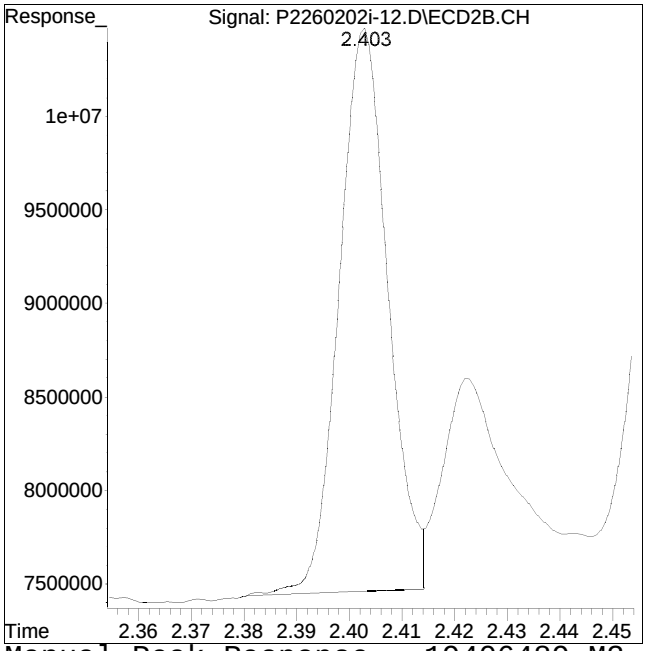
Original Peak Response = 26847578 Manual Peak Response = 25841286 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #59: 1016-5 #2



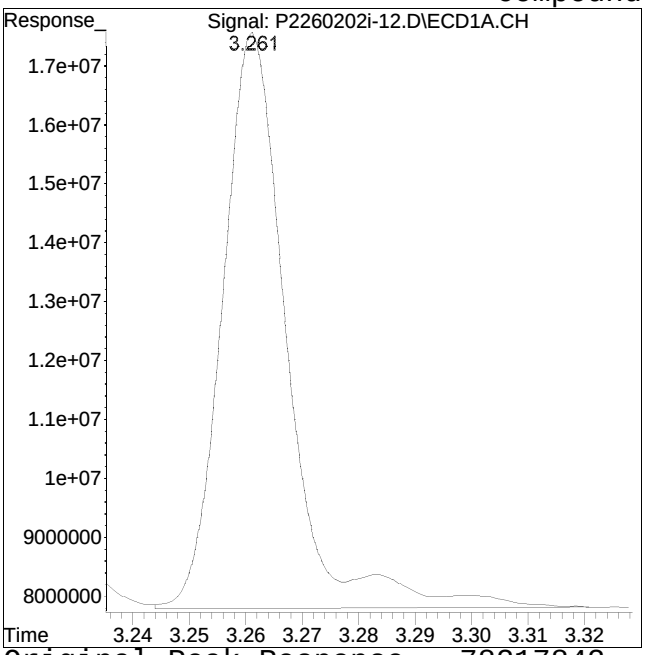


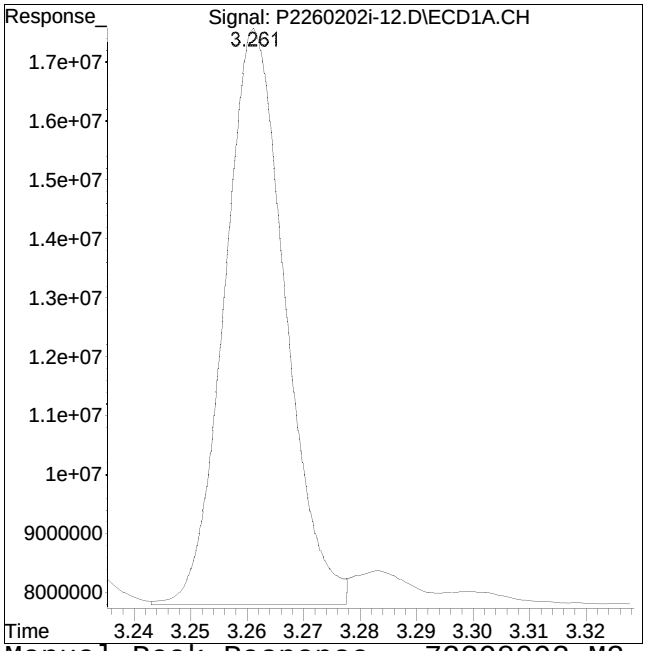
Original Peak Response = 29650905 Manual Peak Response = 19406489 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #12: 1260-4



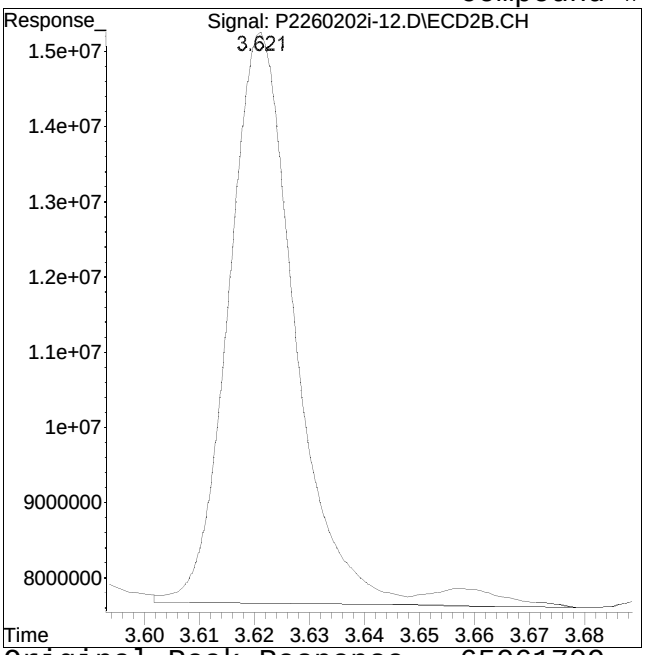


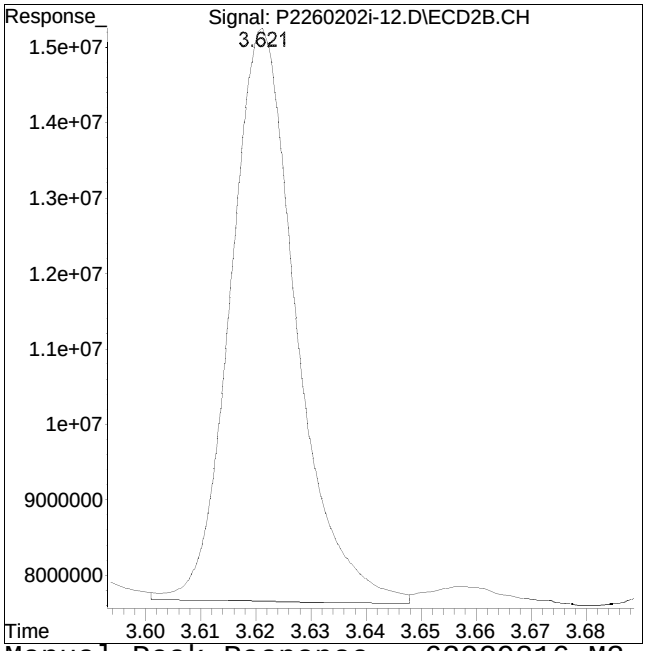
Original Peak Response = 78217842 Manual Peak Response = 72298092 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #63: 1260-4 #2



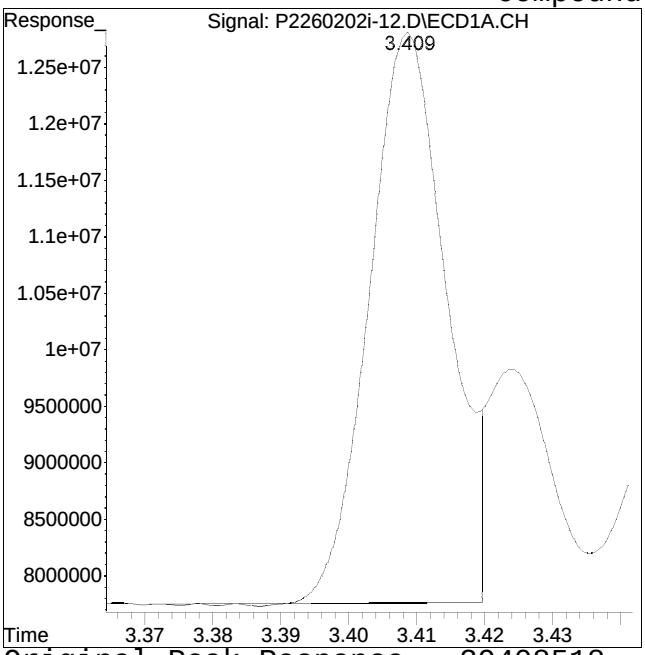


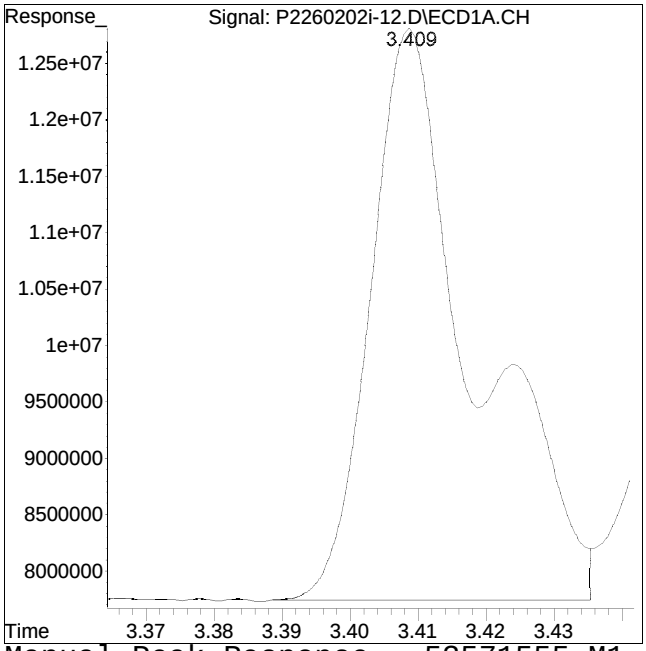
Original Peak Response = 65061799 Manual Peak Response = 62929216 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #13: 1260-5



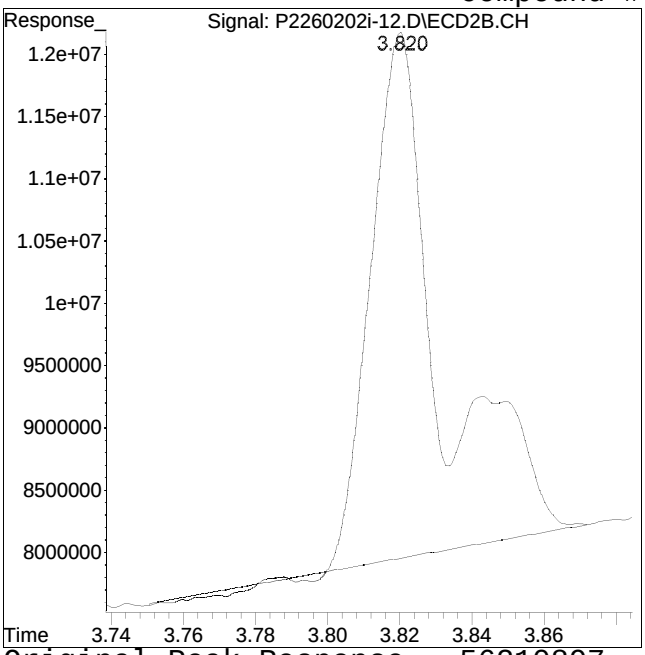


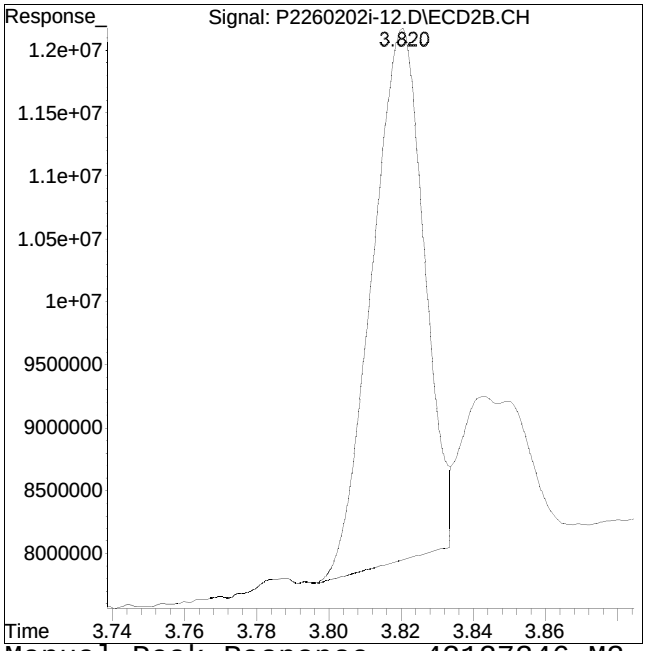
Original Peak Response = 39408518 Manual Peak Response = 53571555 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-12.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:16 Instrument : Pest 2
Sample : il51660,42e,,pp 12222 L30RQuant Date : 2/4/2026 10:37 am

Compound #64: 1260-5 #2





Original Peak Response = 56210897 Manual Peak Response = 42127346 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-13.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:26
Operator : pest2:sdc
Sample : il61660,42e,,pp 12222 L40RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:34:00 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:33:34 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.166	1.216	586.9E6	511.6E6	25.000M4	25.000M3
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.445	1.578	114.7E6	108.5E6	3.806	3.831
	Spiked Amount 50.000	Range 30 - 150		Recovery =		7.61%#	7.66%#
3) s	Decachlorobi	3.991	4.464	101.9E6	70579338	3.819	3.791
	Spiked Amount 50.000	Range 30 - 150		Recovery =		7.64%#	7.58%#
	Target Compounds						
4) l1	1016-1	1.581	1.773	19420889	20052688	37.775M3	39.258
5) l1	1016-2	1.719	1.939	47327791	46841131	42.140M3	40.604M4
6) l1	1016-3	1.906	2.136	94864037	92260541	38.058	38.335
7) l1	1016-4	1.960	2.196	38680309	37189888	37.235M3	37.243
8) l1	1016-5	2.128	2.402	40069922	27971200	37.248	38.687M3
Sum	1016-1			240.4E6	224.3E6	192.456	194.128
Average	1016-1					38.491	38.826
9) l2	1260-1	2.665	3.003	60255975	60814257	36.986	43.936
10) l2	1260-2	2.794	3.104	96531583	67735398	38.112	39.339
11) l2	1260-3	3.107	3.491	49526615	48293731	37.721	38.037
12) l2	1260-4	3.261	3.621	109.0E6	89358872	39.295M3	38.221
13) l2	1260-5	3.408	3.820	80420129	63361271	37.785M1	37.898M3

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-13.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:26
Operator : pest2:sdc
Sample : il61660,42e,,pp 12222 L40RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:34:00 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:33:34 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum	1260-1			395.8E6	329.6E6	NoCal	NoCal D
Average	1260-1					37.980	39.486
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-13.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:26
Operator : pest2:sdc
Sample : il61660,42e,,pp 12222 L40RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:34:00 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:33:34 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument							
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-13.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:26
Operator : pest2:sdc
Sample : il61660,42e,,pp 12222 L40RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:34:00 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:33:34 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

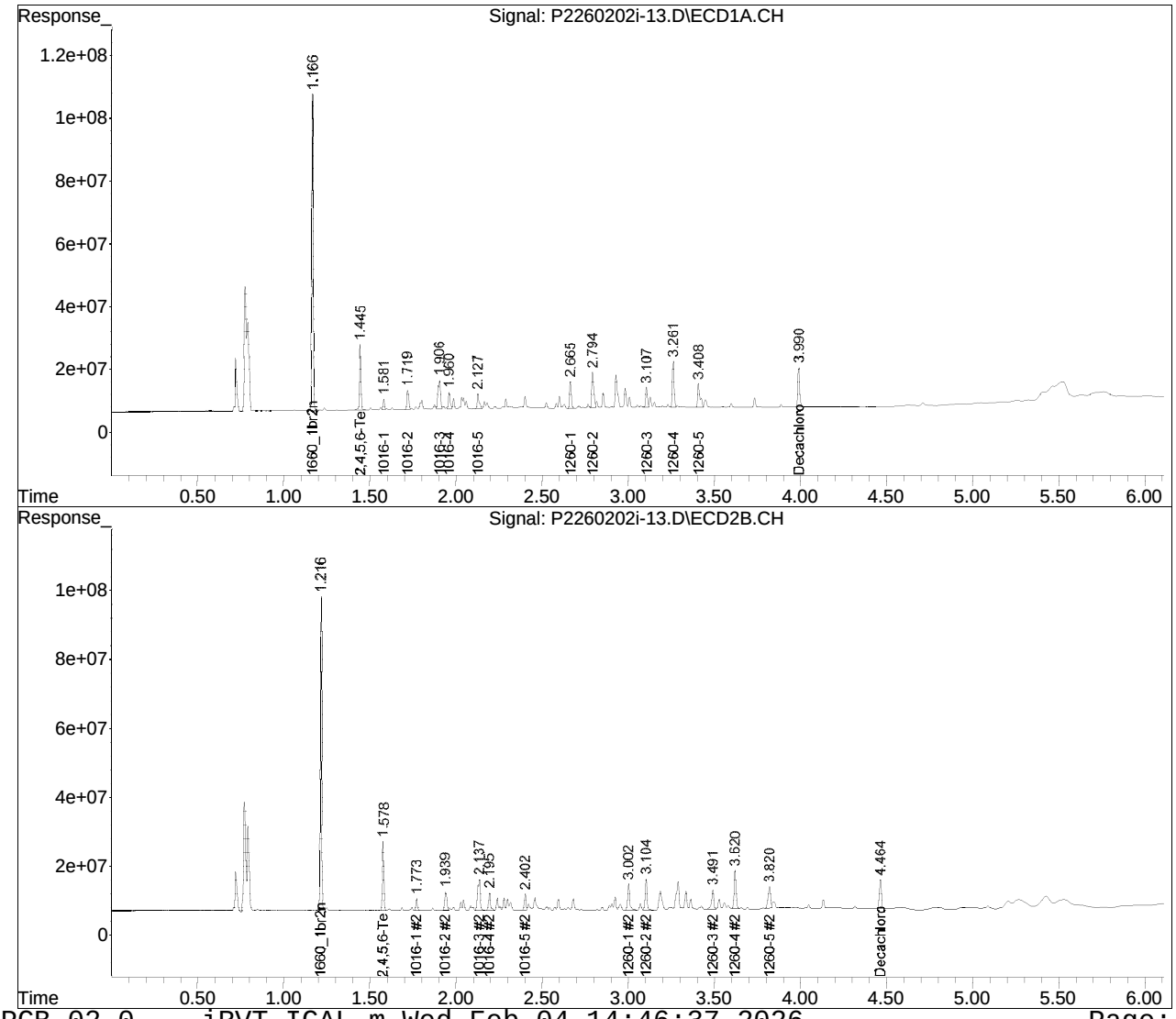
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-13.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:26
Operator : pest2:sdc
Sample : il61660,42e,,pp 12222 L40RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:34:00 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:33:34 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

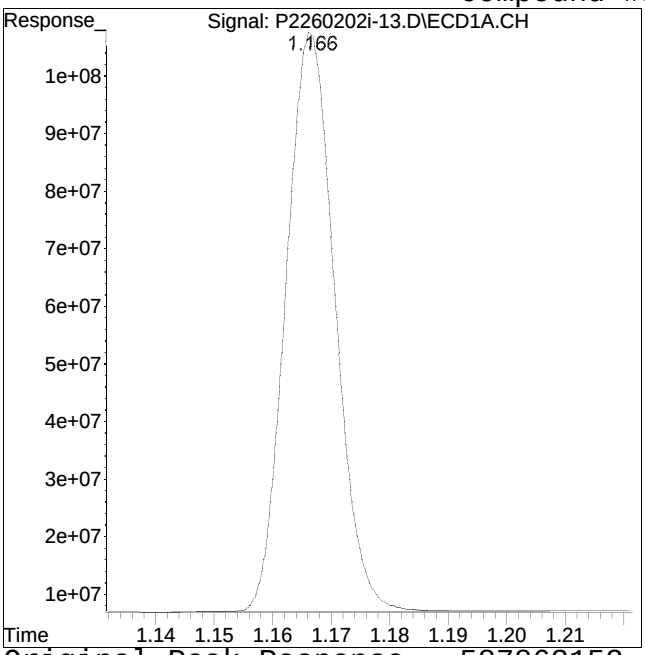
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

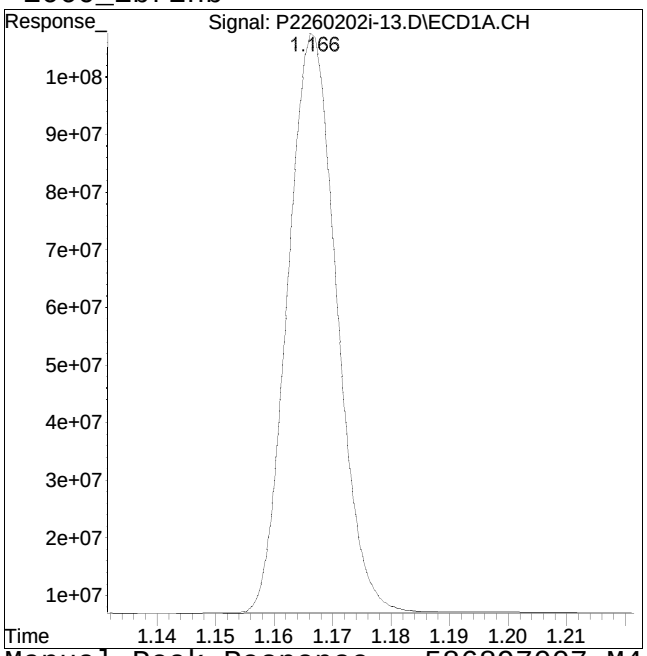


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #1: 1660_1br2nb



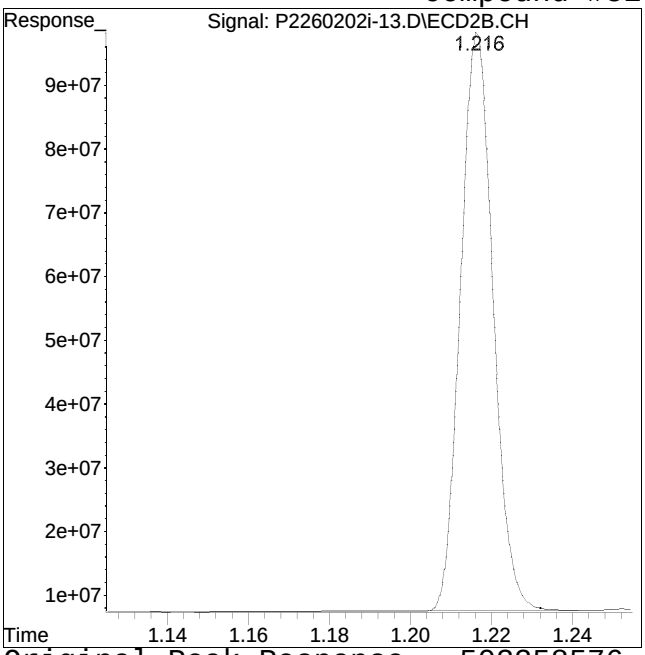


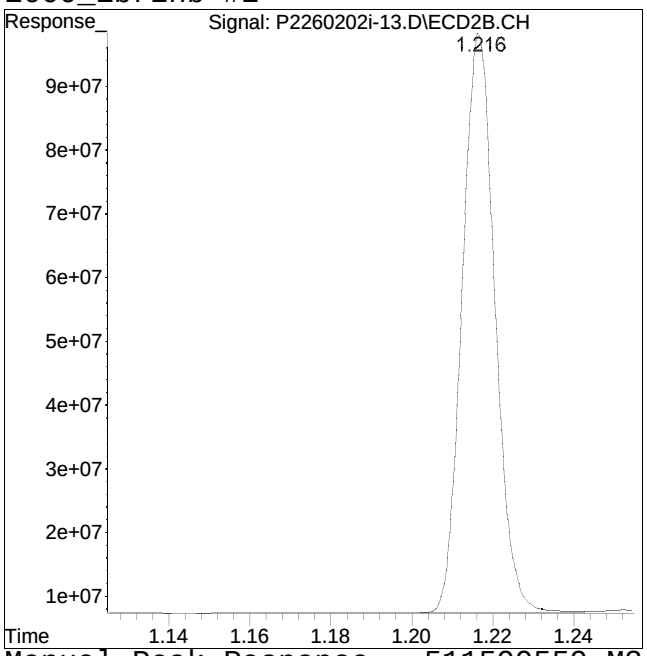
Original Peak Response = 587863152 Manual Peak Response = 586897007 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #52: 1660_1br2nb #2



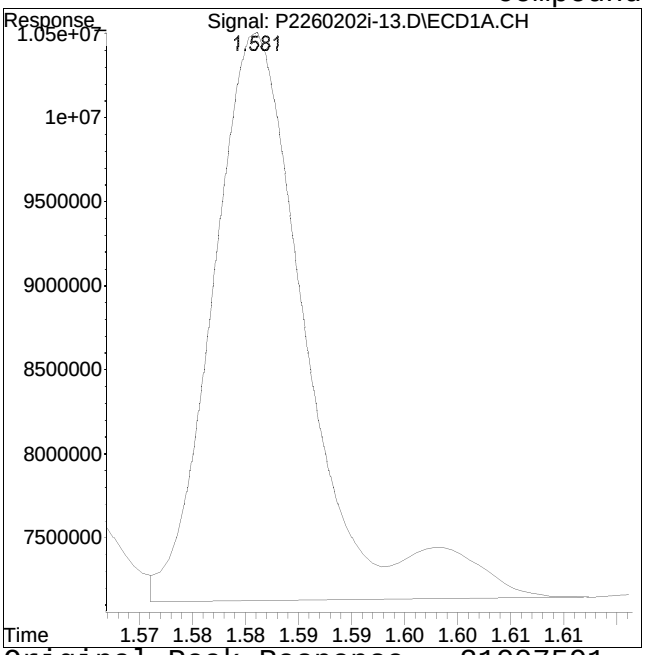


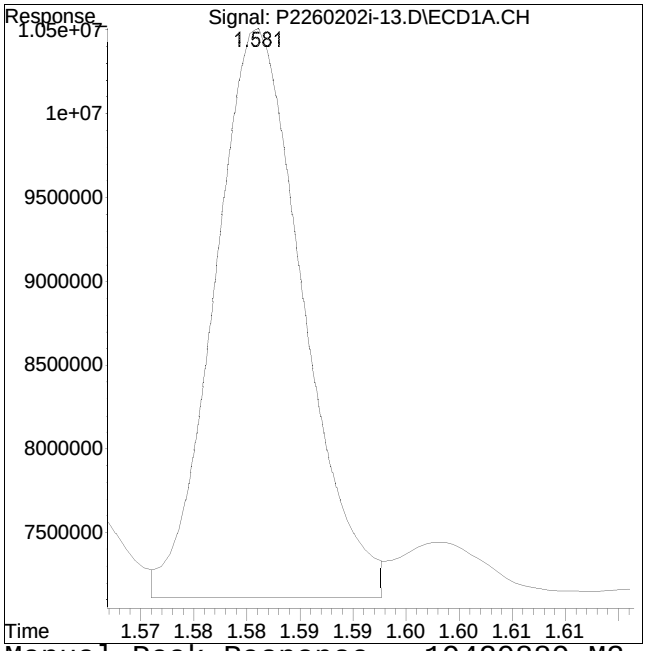
Original Peak Response = 503358576 Manual Peak Response = 511599559 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #4: 1016-1



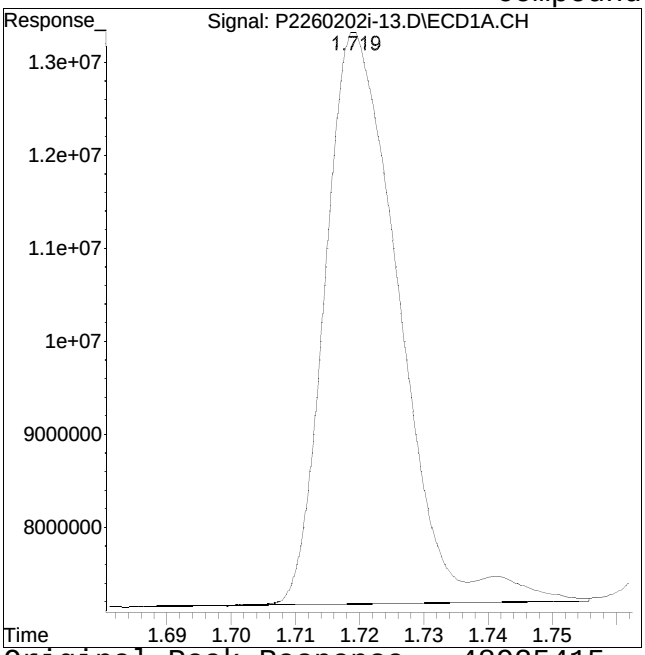


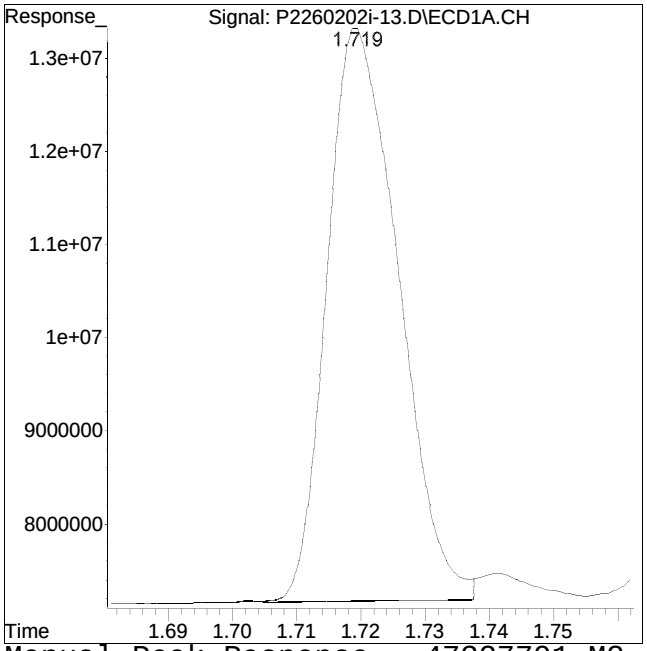
Original Peak Response = 21007591 Manual Peak Response = 19420889 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #5: 1016-2



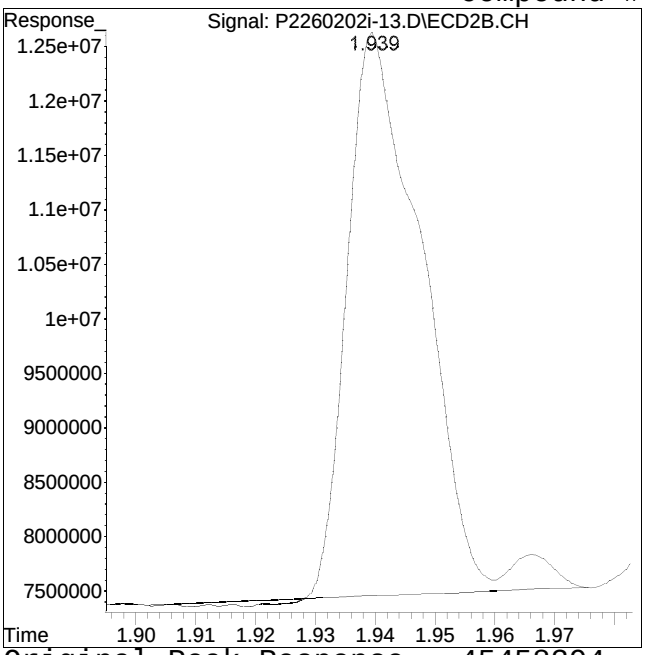


Original Peak Response = 48925415 Manual Peak Response = 47327791 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

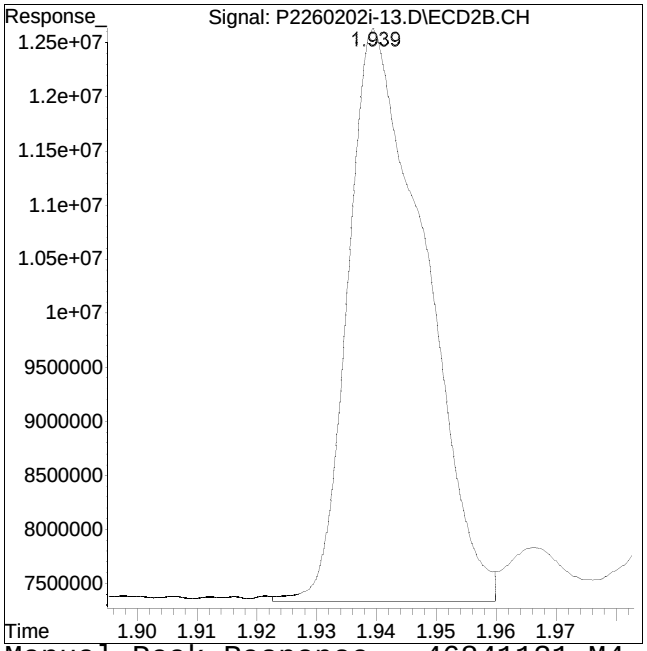
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #56: 1016-2 #2



Original Peak Response = 45458394

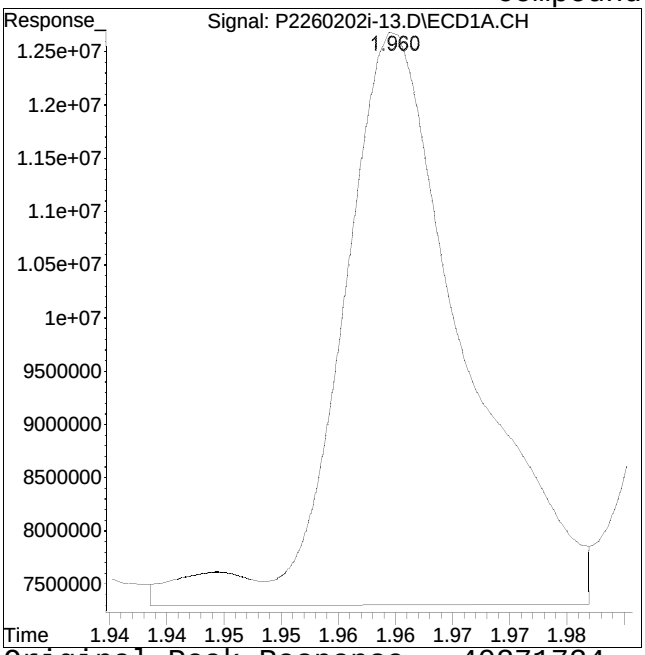


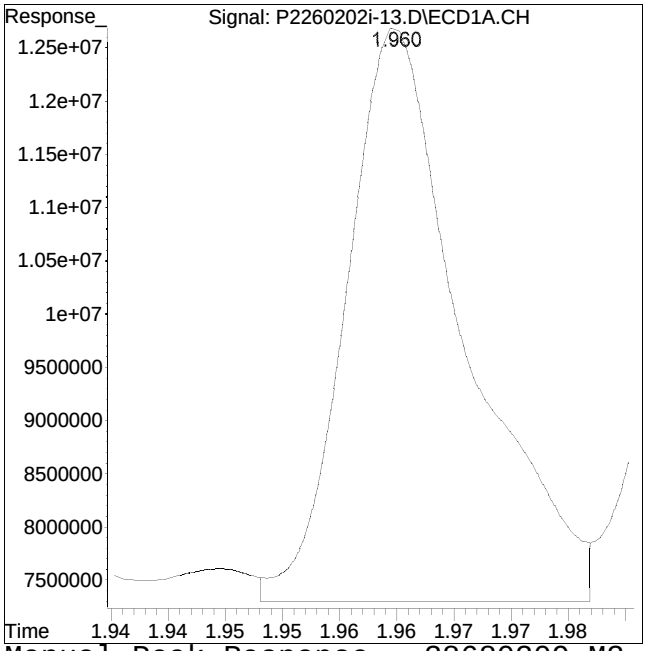
Manual Peak Response = 46841131 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #7: 1016-4



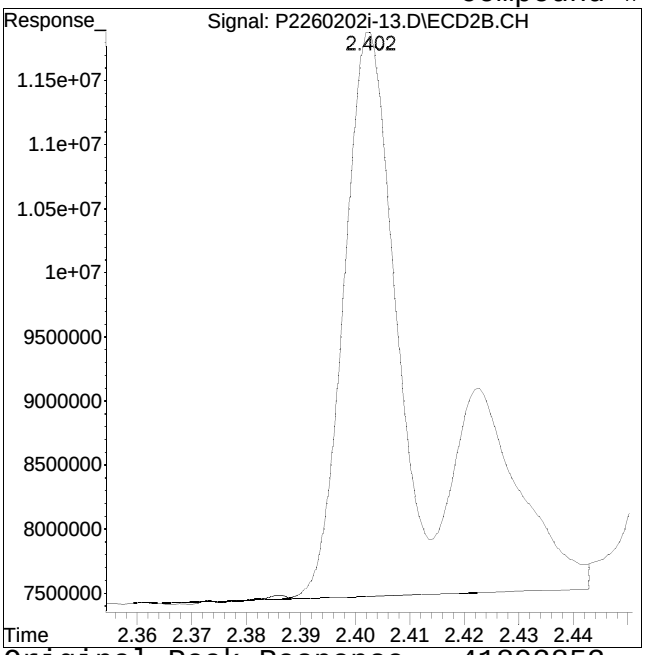


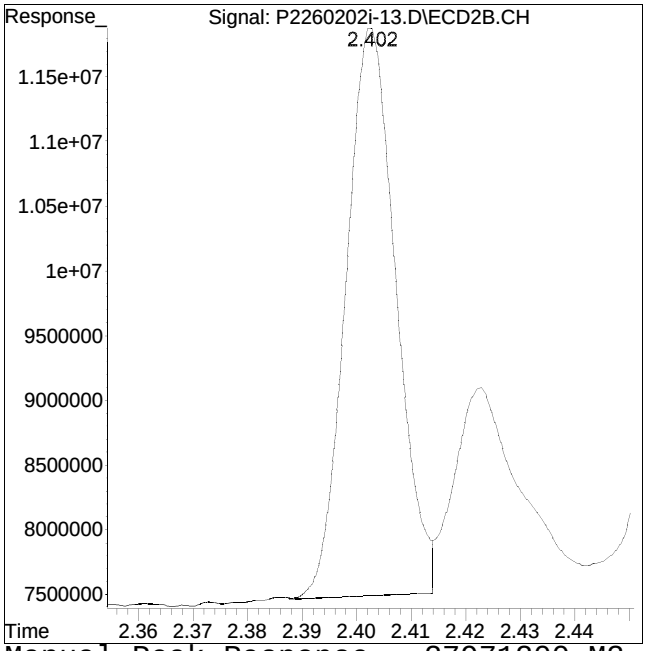
Original Peak Response = 40271734 Manual Peak Response = 38680309 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #59: 1016-5 #2



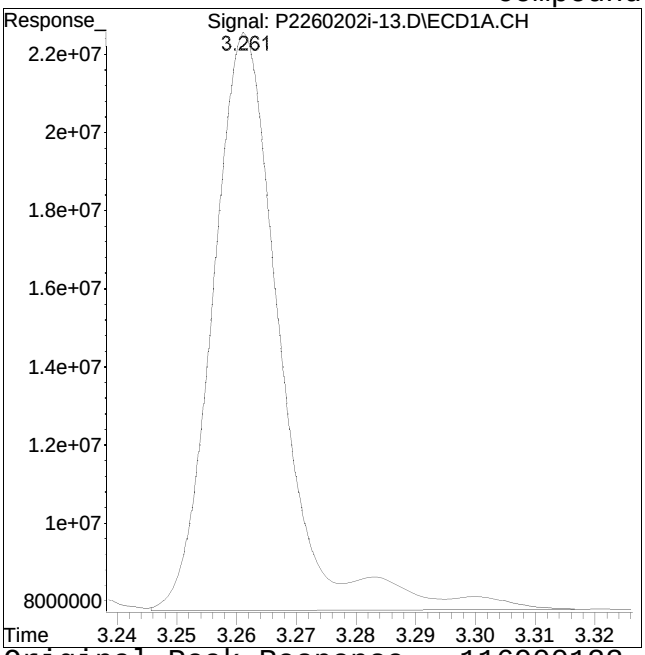


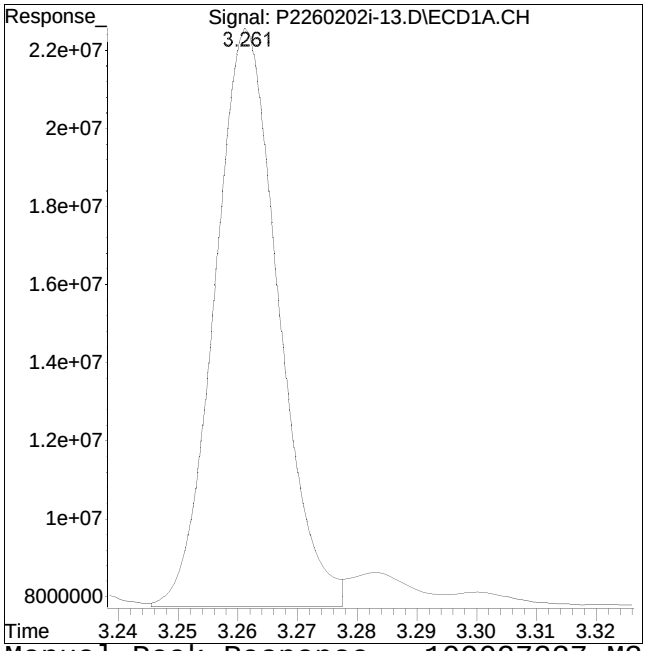
Original Peak Response = 41892853 Manual Peak Response = 27971200 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #12: 1260-4



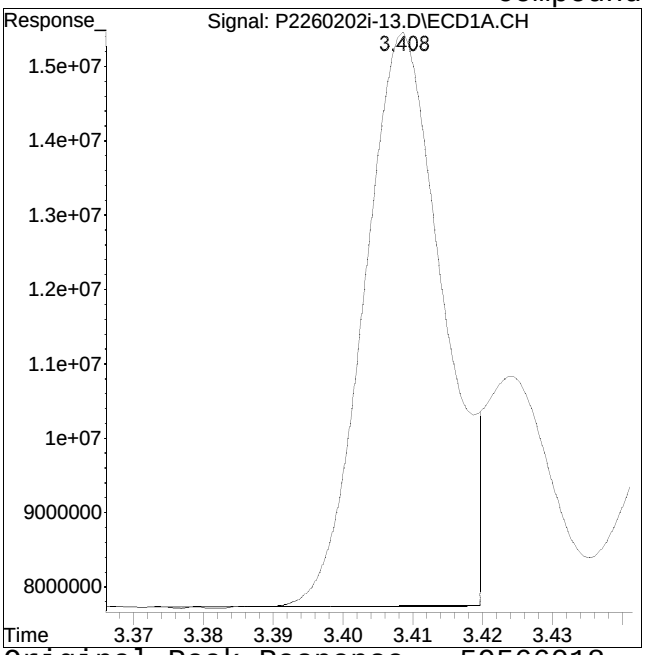


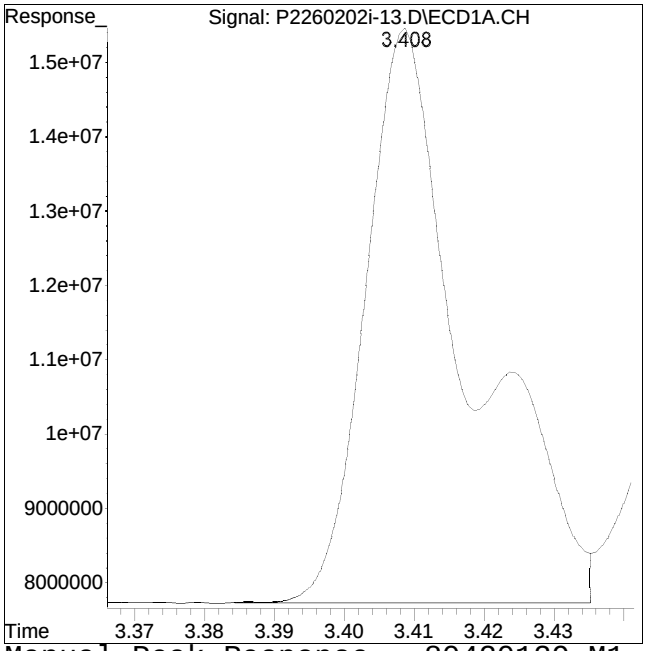
Original Peak Response = 116900123 Manual Peak Response = 109027237 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #13: 1260-5



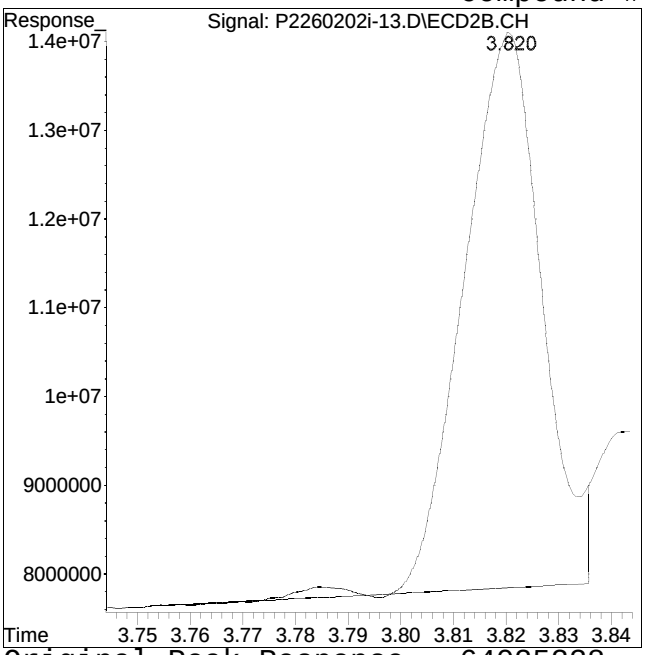


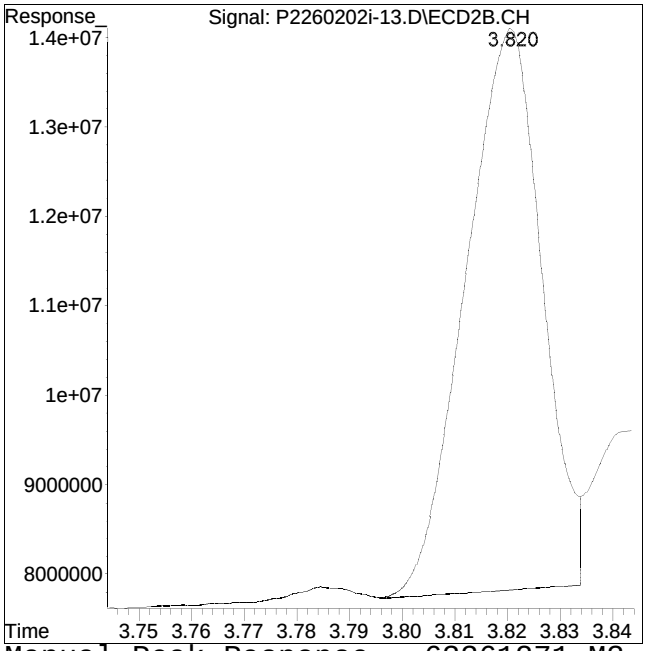
Original Peak Response = 59566018 Manual Peak Response = 80420129 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-13.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:26 Instrument : Pest 2
Sample : il61660,42e,,pp 12222 L40RQuant Date : 2/4/2026 10:34 am

Compound #64: 1260-5 #2





Original Peak Response = 64025238 Manual Peak Response = 63361271 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-14.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:35
Operator : pest2:sdc
Sample : il71660,42e,,pp 12222 L50RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 14 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:31:13 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:30:53 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.167	1.216	568.8E6	494.3E6	25.000M3	25.000M3
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.445	1.579	140.7E6	130.4E6	4.798	4.739
	Spiked Amount 50.000	Range 30 - 150		Recovery =		9.60%#	9.48%#
3) s	Decachlorobi	3.991	4.464	123.5E6	86300486	4.751	4.787
	Spiked Amount 50.000	Range 30 - 150		Recovery =		9.50%#	9.57%#
	Target Compounds						
4) l1	1016-1	1.581	1.773	23889044	23976154	47.657M3	48.350
5) l1	1016-2	1.719	1.940	56803672	54053770	52.002M3	48.228M4
6) l1	1016-3	1.906	2.136	114.8E6	110.9E6	47.270	47.411
7) l1	1016-4	1.960	2.196	46612345	44749418	45.929M3	46.101
8) l1	1016-5	2.128	2.403	48292326	34091955	46.044	48.410
Sum	1016-1			290.4E6	267.7E6	238.902	238.500
Average	1016-1					47.780	47.700
9) l2	1260-1	2.665	3.003	73012461	73108787	45.963	55.106
10) l2	1260-2	2.794	3.105	116.4E6	80636850	46.926	48.170
11) l2	1260-3	3.107	3.492	59405405	58509200	46.383	47.437
12) l2	1260-4	3.261	3.622	131.3E6	110.0E6	48.554M3	48.177
13) l2	1260-5	3.408	3.820	98173619	78926019	47.327M1	48.666

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-14.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:35
Operator : pest2:sdc
Sample : il71660,42e,,pp 12222 L50RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 14 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:31:13 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:30:53 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Sum 1260-1			478.3E6	401.2E6	NoCal	NoCal D
Average	1260-1					47.031	49.511
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-14.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:35
Operator : pest2:sdc
Sample : il71660,42e,,pp 12222 L50RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 14 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:31:13 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:30:53 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
35)	l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36)	l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37)	l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38)	l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39)	l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41)	l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42)	l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43)	l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44)	l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45)	l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46)	l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47)	l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48)	l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49)	l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50)	l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
	SemiQuant Compounds - Not Calibrated on this Instrument						
	Sum 1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-14.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:35
Operator : pest2:sdc
Sample : il71660,42e,,pp 12222 L50RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 14 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:31:13 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:30:53 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

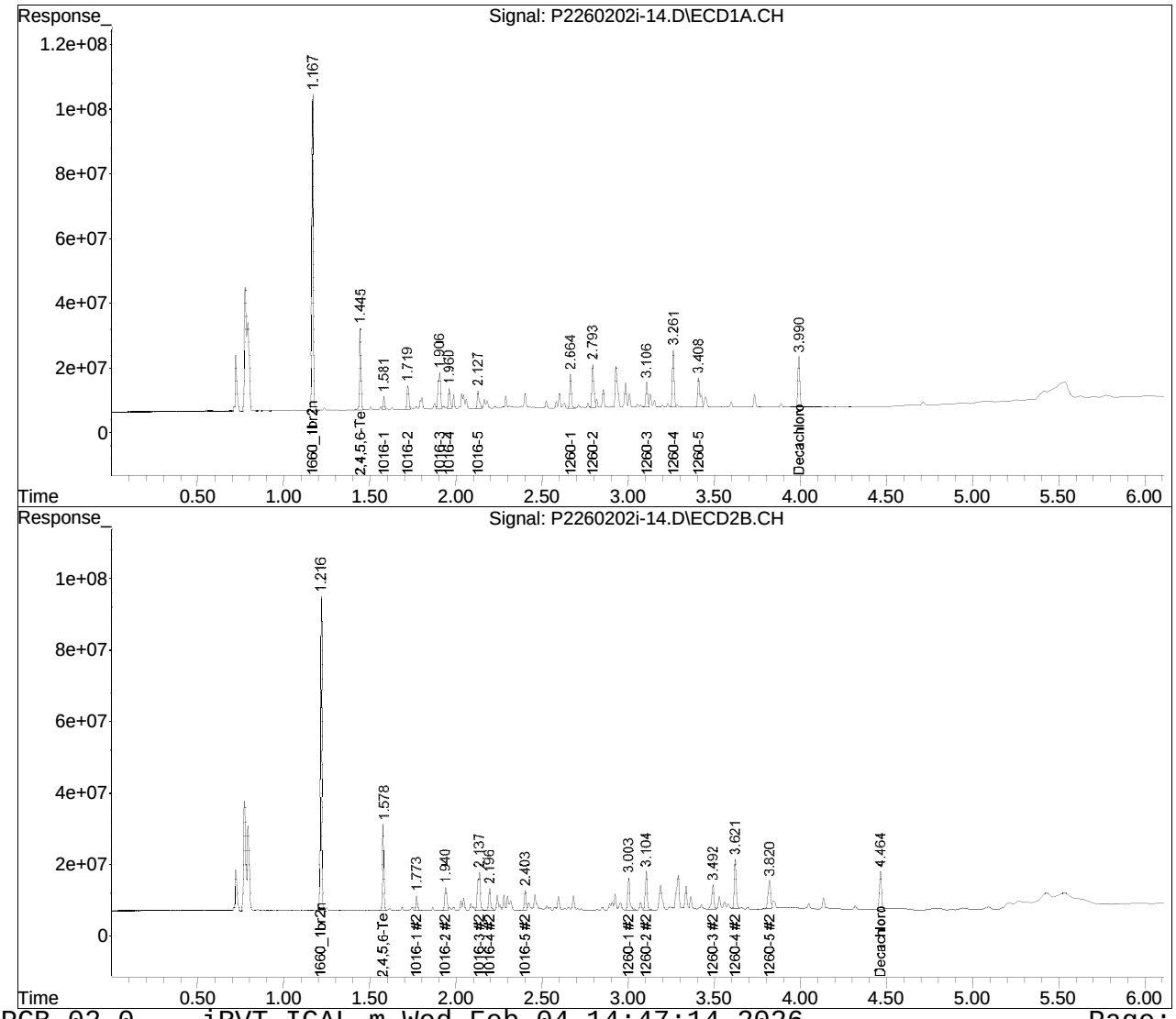
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-14.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:35
Operator : pest2:sdc
Sample : il71660,42e,,pp 12222 L50RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 14 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:31:13 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:30:53 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

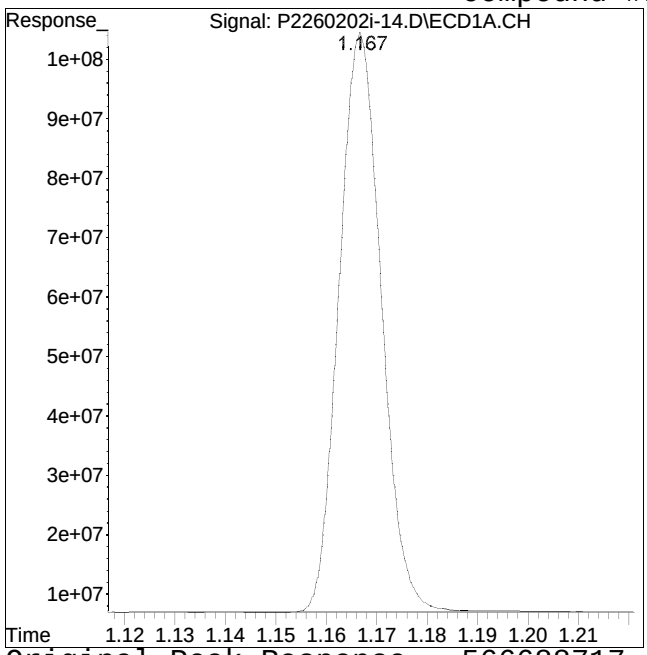
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

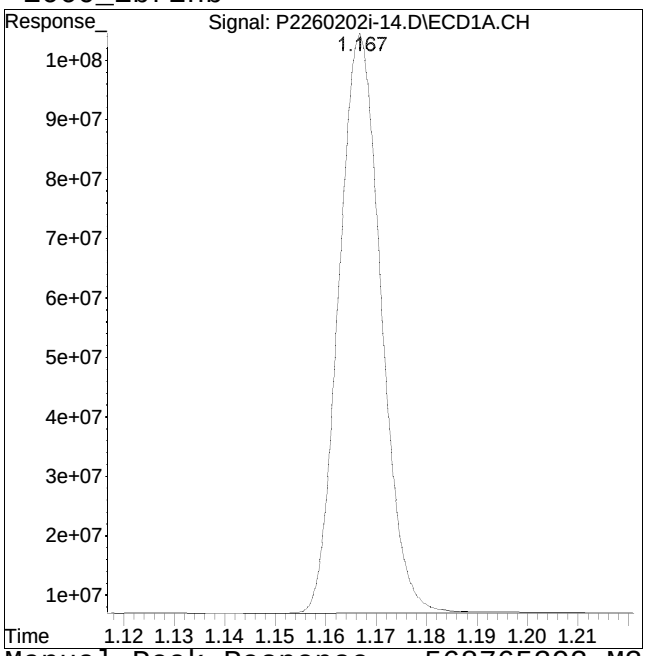


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #1: 1660_1br2nb



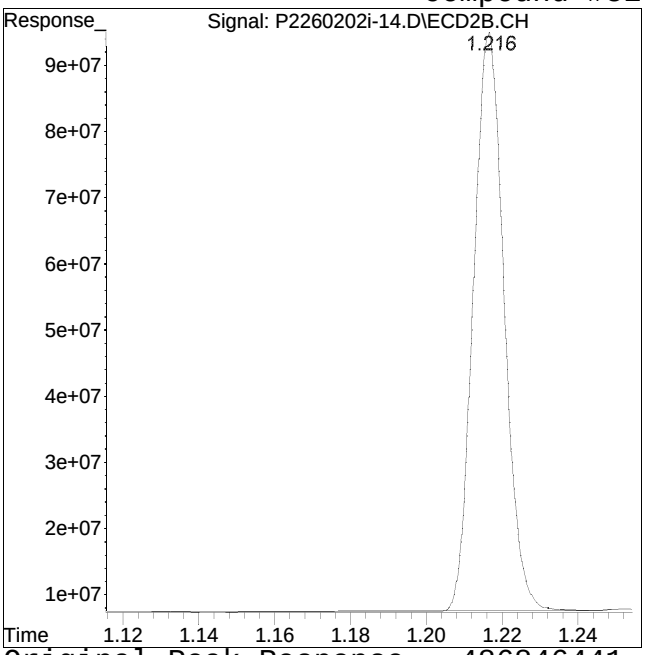


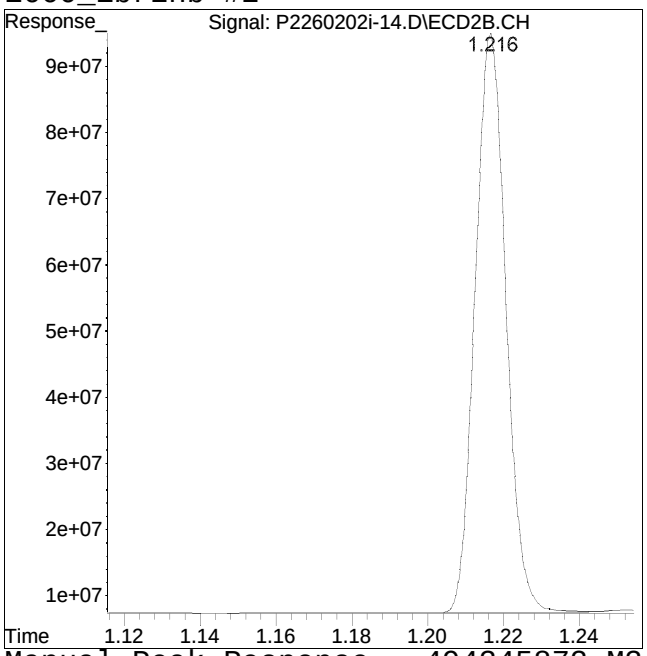
Original Peak Response = 566688717 Manual Peak Response = 568765392 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #52: 1660_1br2nb #2



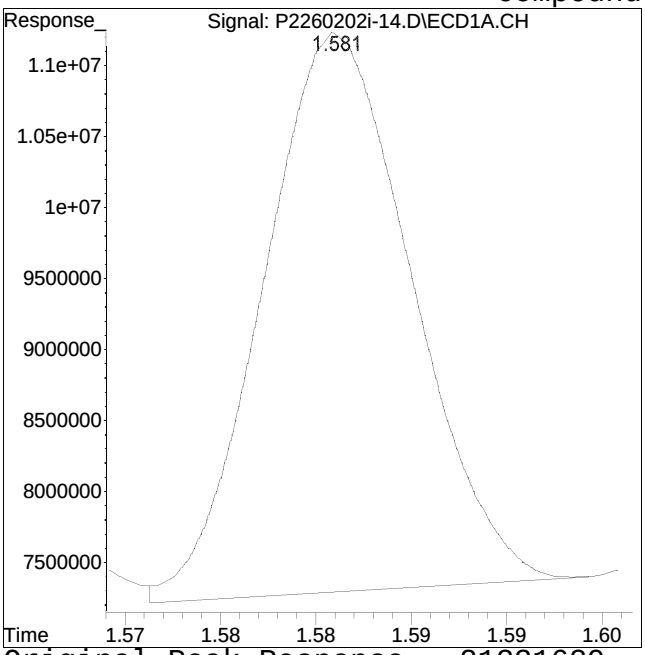


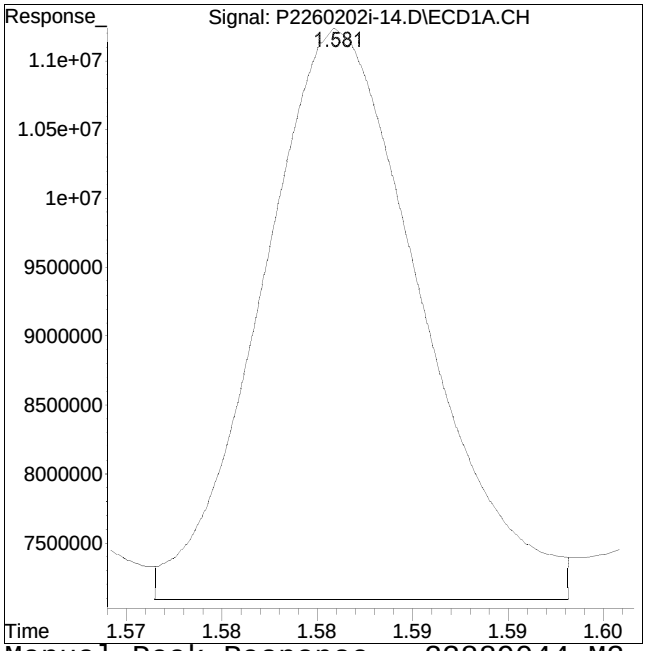
Original Peak Response = 486846441 Manual Peak Response = 494345872 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #4: 1016-1



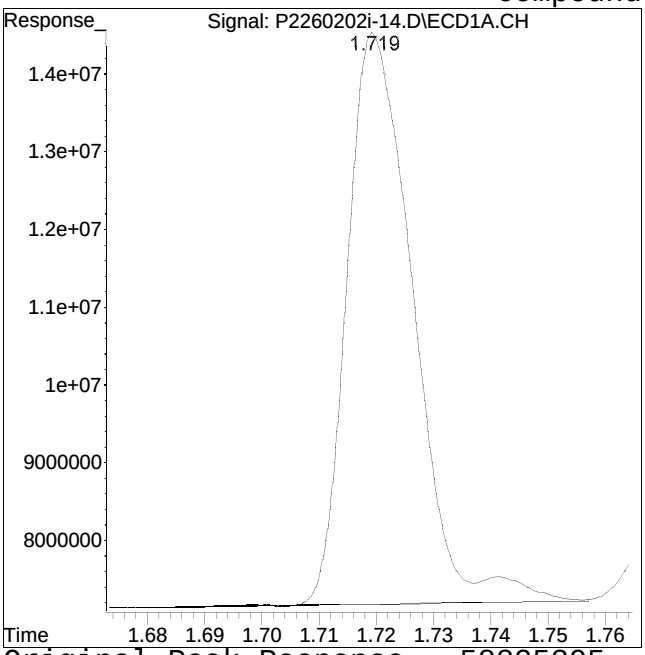


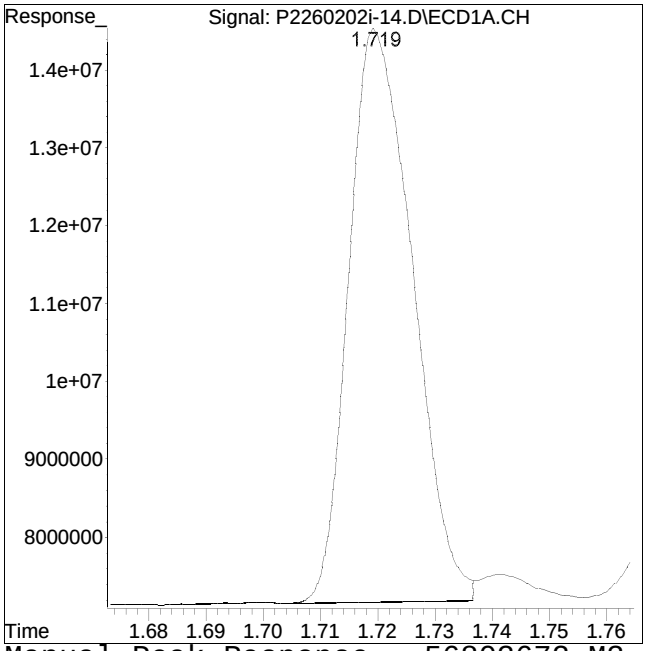
Original Peak Response = 21231629 Manual Peak Response = 23889044 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #5: 1016-2



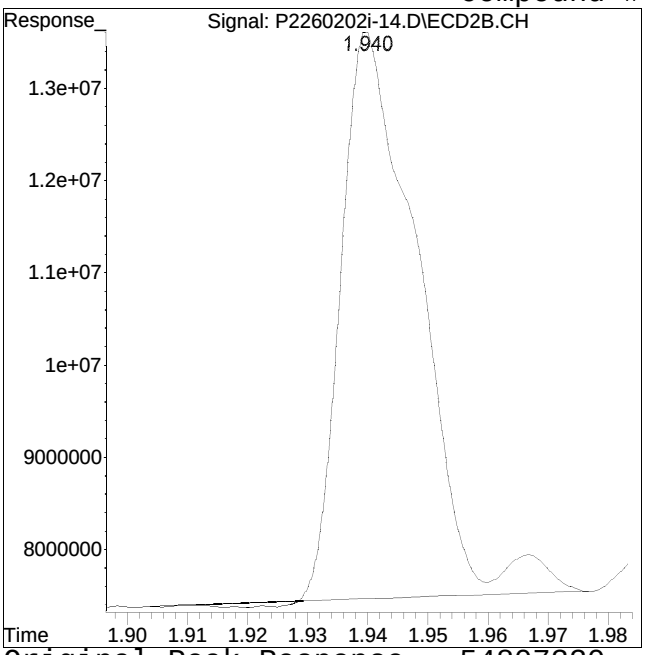


Original Peak Response = 58825395 Manual Peak Response = 56803672 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

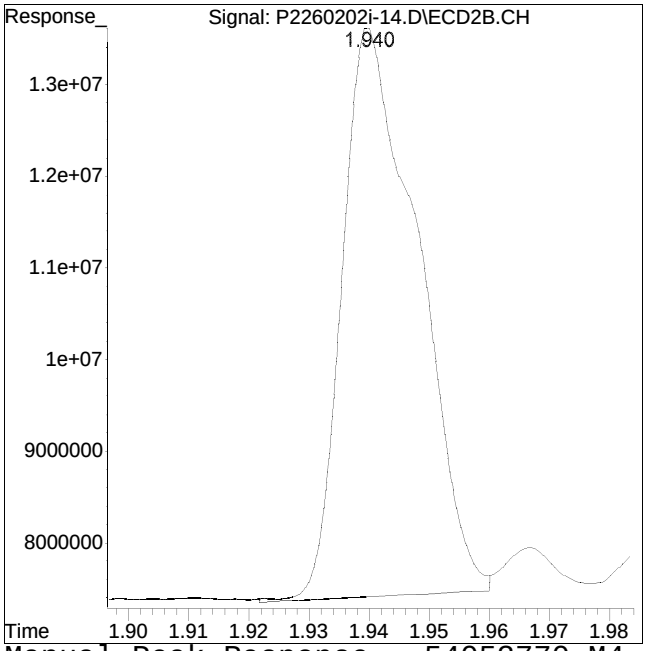
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #56: 1016-2 #2



Original Peak Response = 54807330



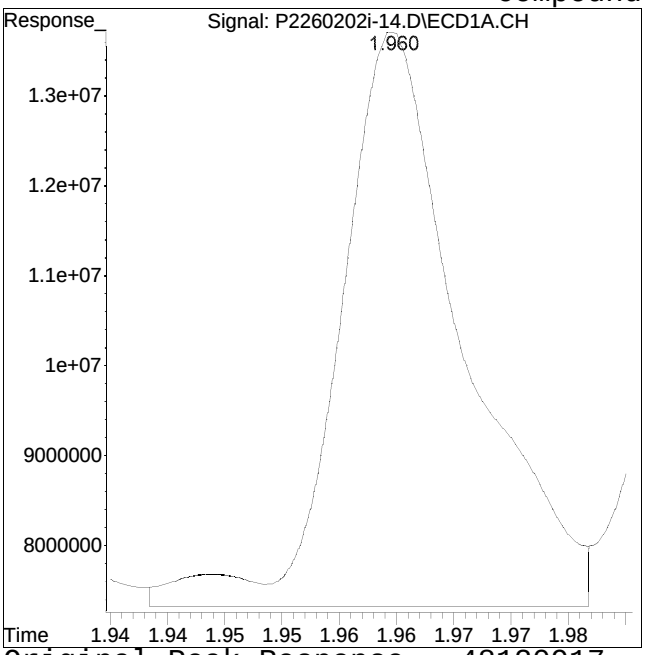
Manual Peak Response = 54053770 M4

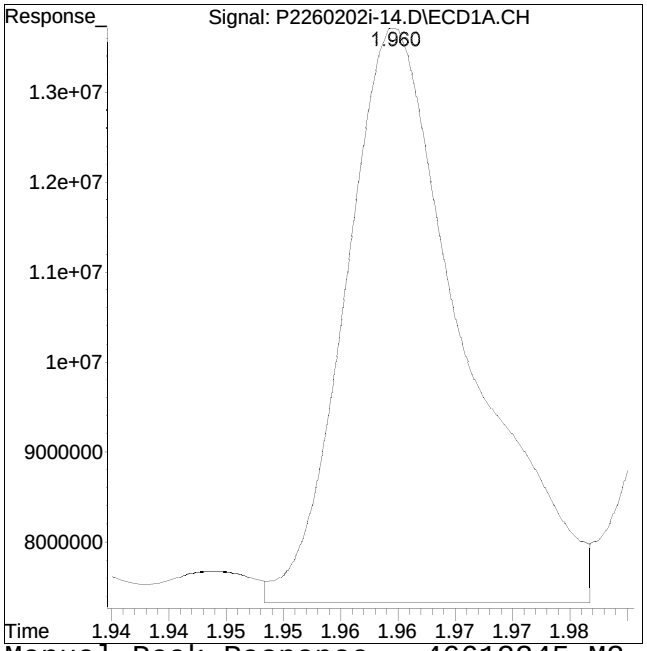
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #7: 1016-4



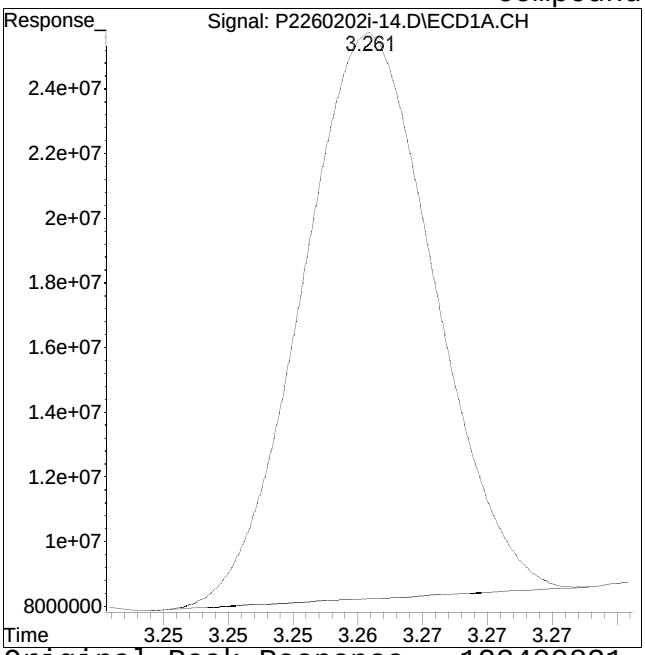


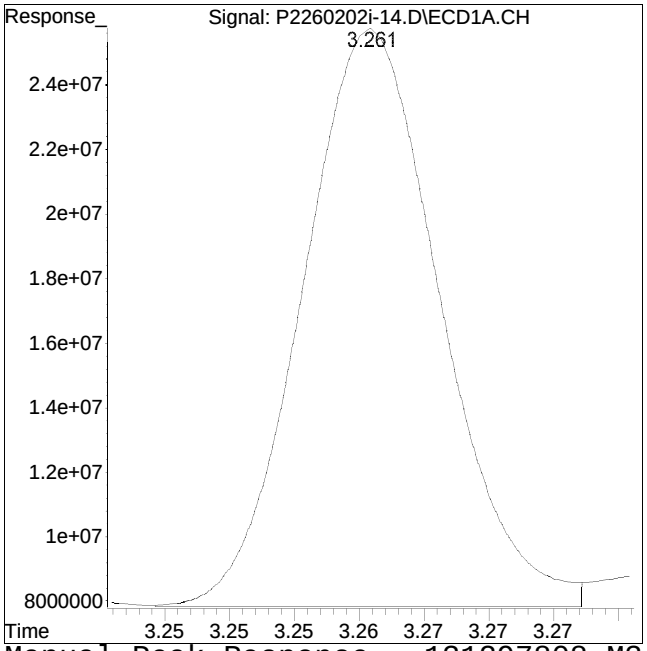
Original Peak Response = 48120917 Manual Peak Response = 46612345 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #12: 1260-4



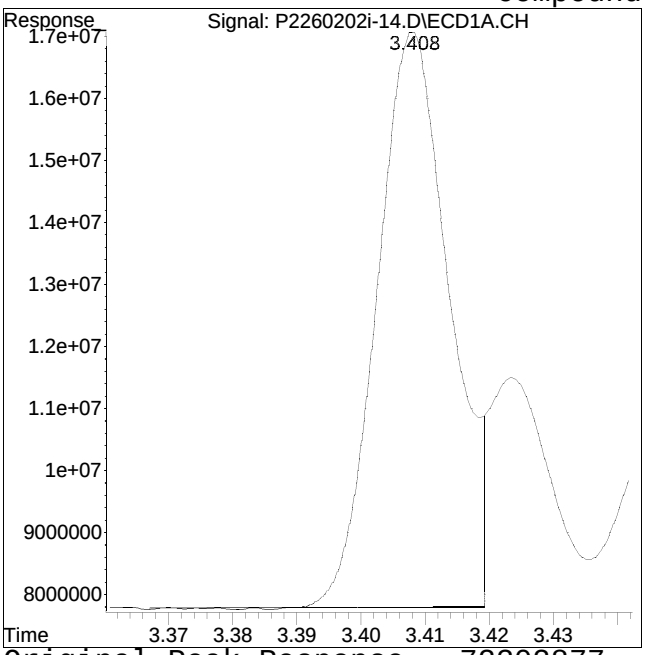


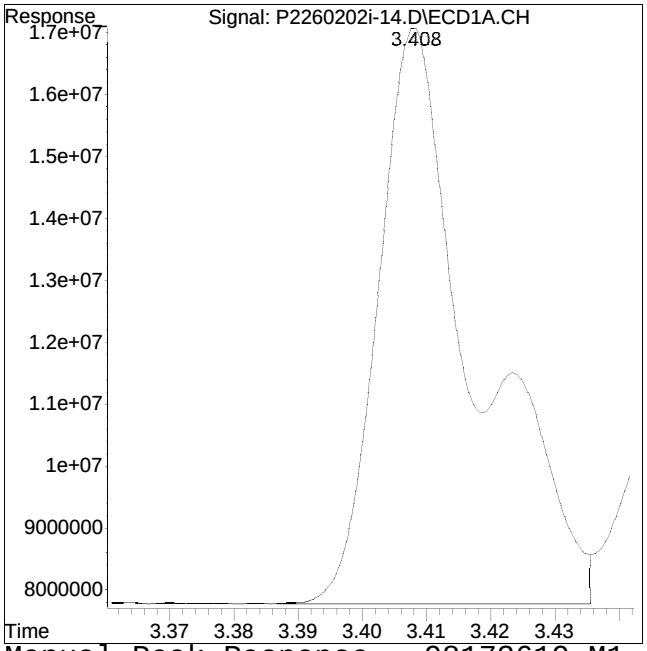
Original Peak Response = 123409831 Manual Peak Response = 131297808 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-14.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:35 Instrument : Pest 2
Sample : il71660,42e,,pp 12222 L50RQuant Date : 2/4/2026 10:31 am

Compound #13: 1260-5





Original Peak Response = 72302877 Manual Peak Response = 98173619 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-15.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:45
Operator : pest2:sdc
Sample : il81660,42e,,pp 12222 L100RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:29:09 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:27:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.167	1.217	502.7E6	440.6E6	25.000	25.000
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.446	1.579	250.7E6	227.0E6	9.613	9.217
	Spiked Amount 50.000	Range 30 - 150		Recovery =		19.23%#	18.43%#
3) s	Decachlorobi	3.991	4.465	208.7E6	143.5E6	9.005	8.844
	Spiked Amount 50.000	Range 30 - 150		Recovery =		18.01%#	17.69%#
	Target Compounds						
4) l1	1016-1	1.581	1.774	40541985	40518374	90.841M3	91.458
5) l1	1016-2	1.720	1.940	96876231	93023372	100.016M3	93.353M4
6) l1	1016-3	1.907	2.137	200.9E6	187.7E6	92.910	89.753
7) l1	1016-4	1.960	2.197	80075670	75768505	88.255M3	87.245
8) l1	1016-5	2.128	2.404	83267700	58592464	89.140	92.807
Sum	1016-1			501.6E6	455.6E6	461.162	454.614
Average	1016-1					92.232	90.923
9) l2	1260-1	2.666	3.003	125.0E6	122.2E6	88.102	103.640
10) l2	1260-2	2.794	3.105	199.1E6	134.9E6	89.829	90.025
11) l2	1260-3	3.107	3.492	103.0E6	96451730	89.969	87.130
12) l2	1260-4	3.261	3.622	231.8E6	180.8E6	96.404M3	88.221
13) l2	1260-5	3.409	3.820	168.2E6	135.4E6	90.855	92.947
Sum	1260-1			827.2E6	669.7E6	NoCal	NoCal D
Average	1260-1					91.032	92.393

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-15.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:45
Operator : pest2:sdc
Sample : il81660,42e,,pp 12222 L100RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:29:09 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:27:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-15.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:45
Operator : pest2:sdc
Sample : il81660,42e,,pp 12222 L100RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:29:09 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:27:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

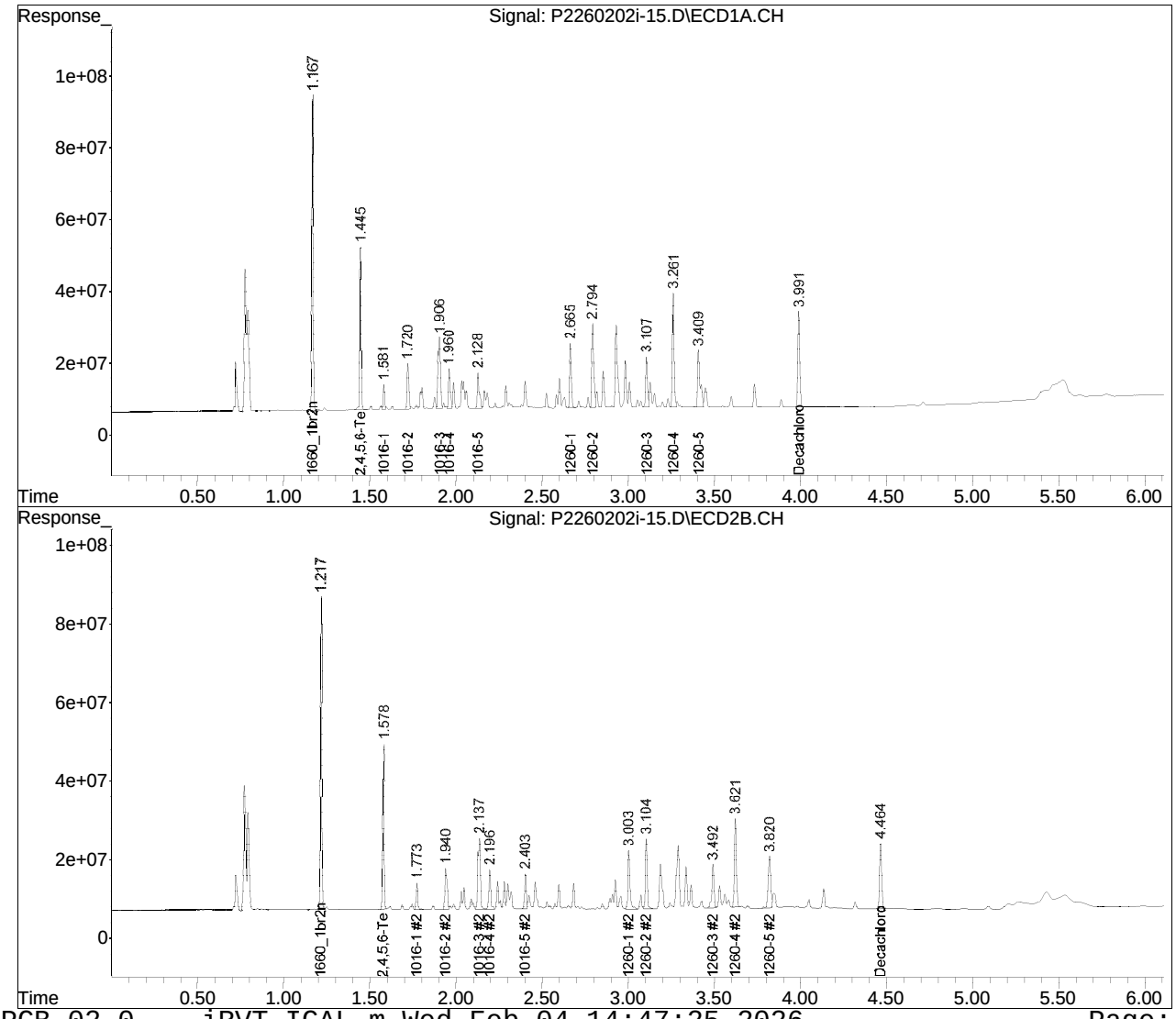
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-15.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:45
Operator : pest2:sdc
Sample : il81660,42e,,pp 12222 L100RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:29:09 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:27:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

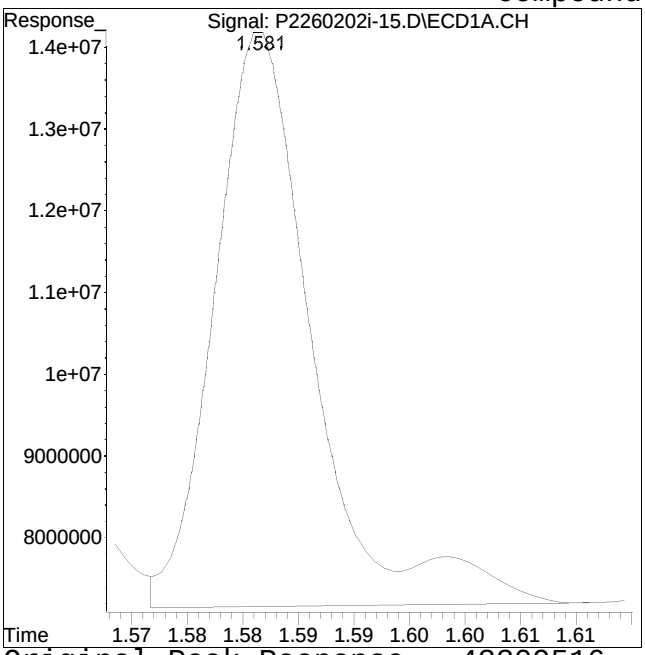
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

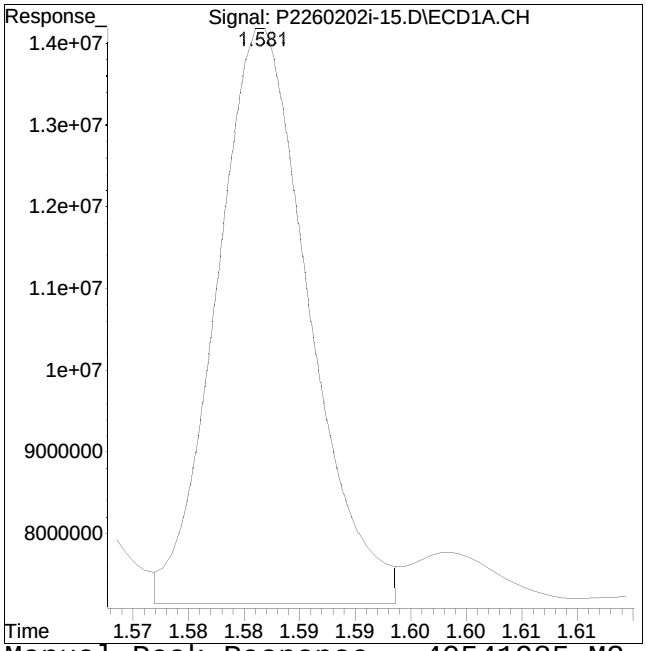


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-15.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:45 Instrument : Pest 2
Sample : il81660,42e,,pp 12222 L100Quant Date : 2/4/2026 10:29 am

Compound #4: 1016-1



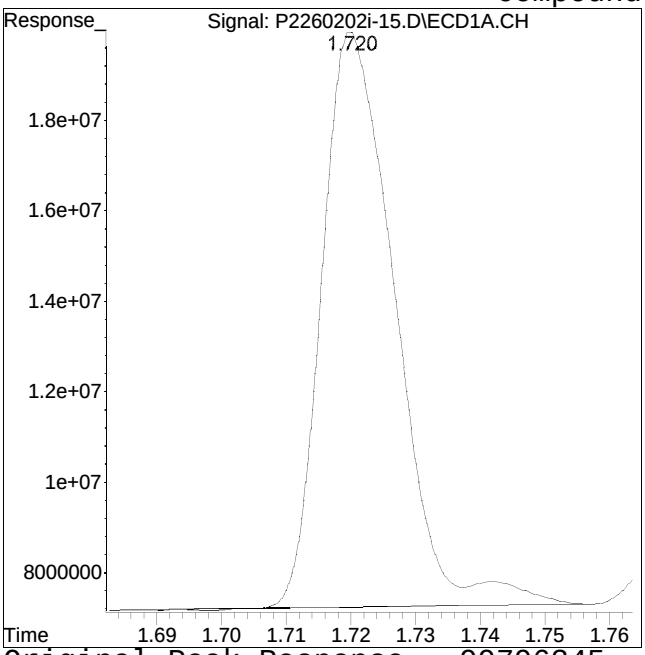


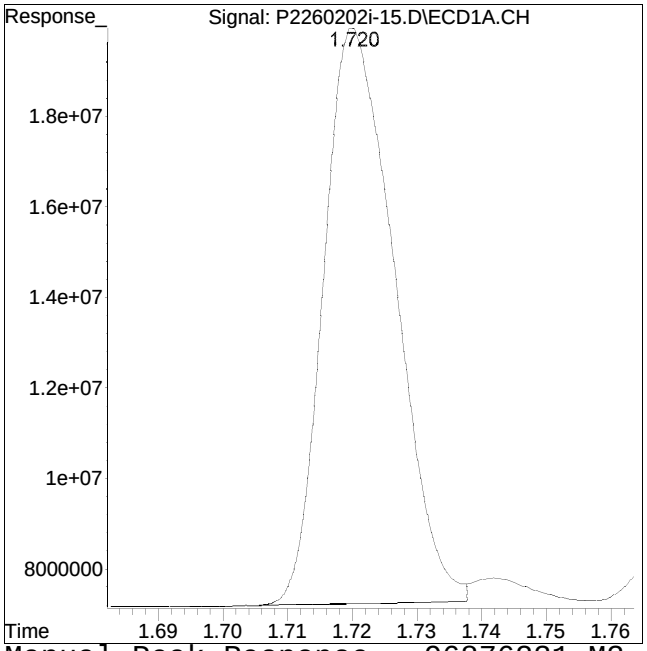
Original Peak Response = 43309516 Manual Peak Response = 40541985 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-15.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:45 Instrument : Pest 2
Sample : il81660,42e,,pp 12222 L100Quant Date : 2/4/2026 10:29 am

Compound #5: 1016-2



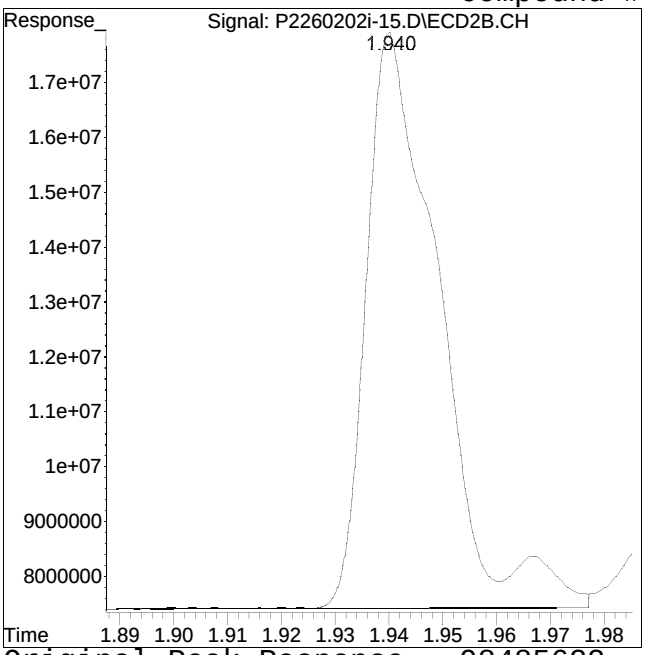


Original Peak Response = 99796345 Manual Peak Response = 96876231 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

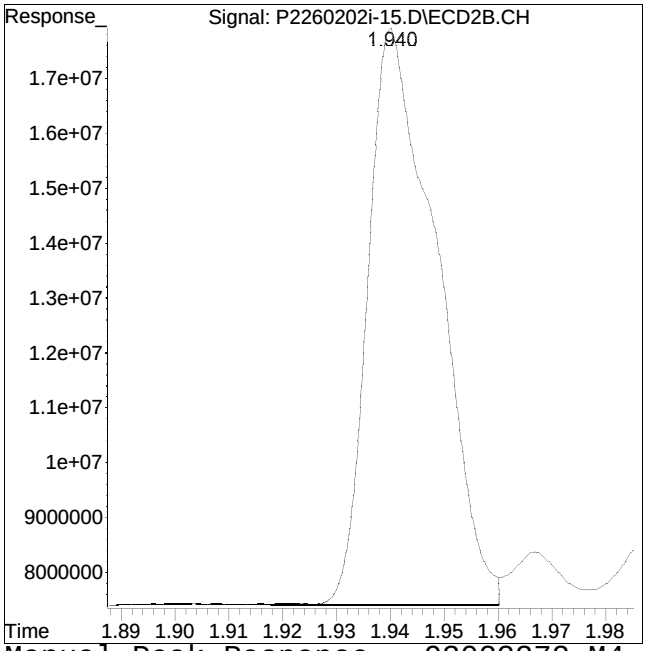
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-15.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:45 Instrument : Pest 2
Sample : il81660,42e,,pp 12222 L100Quant Date : 2/4/2026 10:29 am

Compound #56: 1016-2 #2



Original Peak Response = 98485622



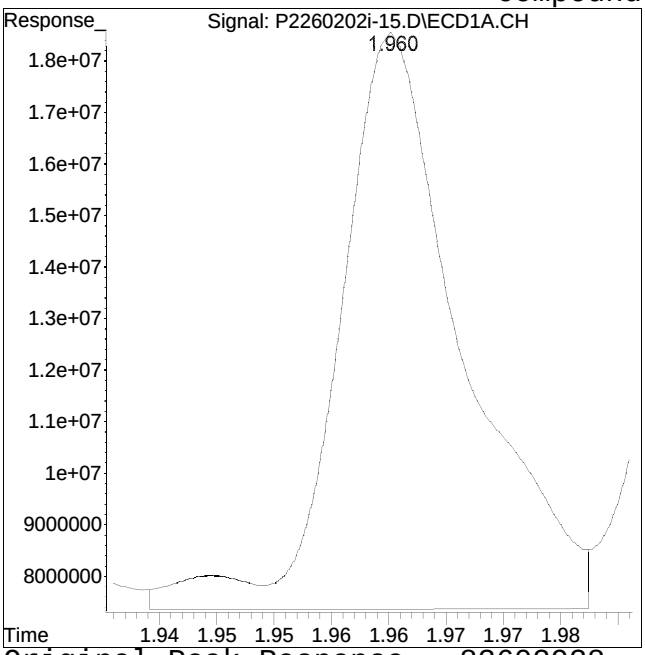
Manual Peak Response = 93023372 M4

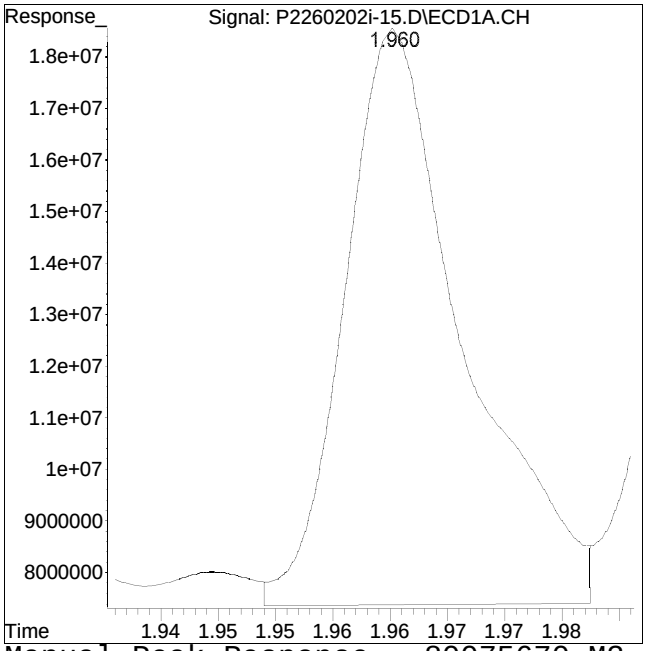
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-15.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:45 Instrument : Pest 2
Sample : il81660,42e,,pp 12222 L100Quant Date : 2/4/2026 10:29 am

Compound #7: 1016-4



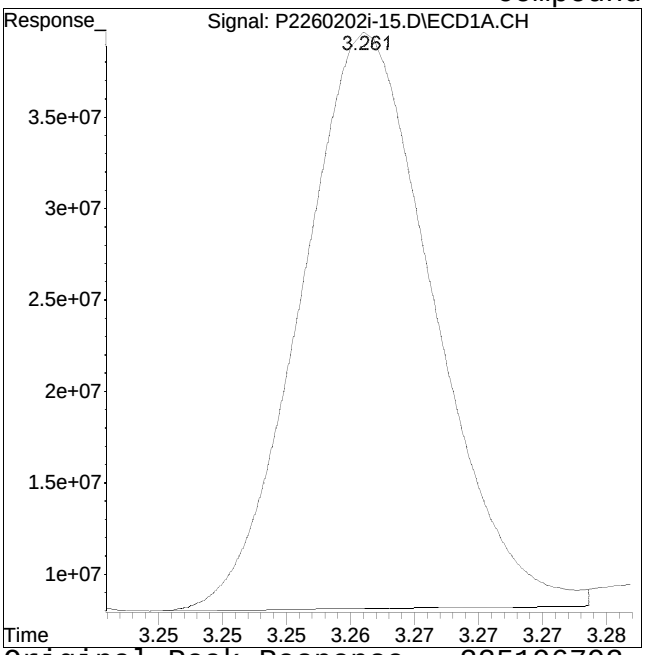


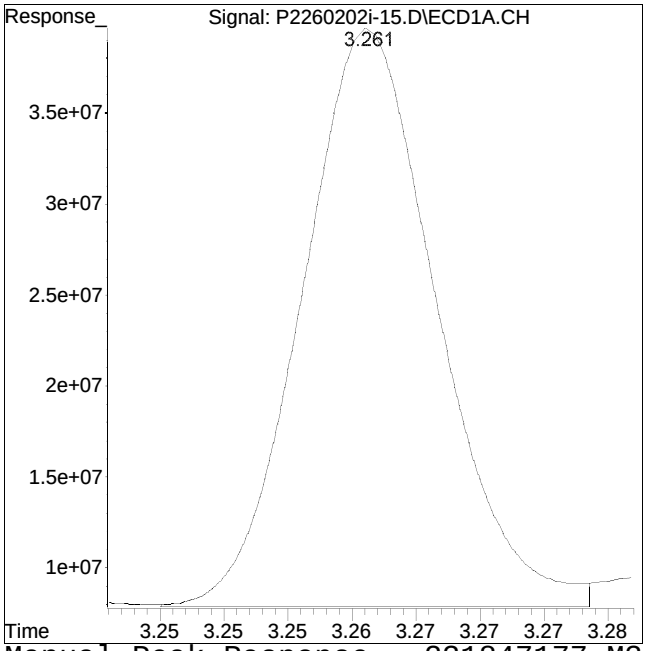
Original Peak Response = 83602938 Manual Peak Response = 80075670 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-15.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:45 Instrument : Pest 2
Sample : il81660,42e,,pp 12222 L100Quant Date : 2/4/2026 10:29 am

Compound #12: 1260-4





Original Peak Response = 225196792 Manual Peak Response = 231847177 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-16.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:54
Operator : pest2:sdc
Sample : il91660,42e,,pp 12222 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 16 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:17:54 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:17:21 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.167	1.217	531.2E6	463.7E6	25.000	25.000
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.445	1.579	709.9E6	616.5E6	25.192	23.564
Spiked Amount	50.000	Range 30 - 150		Recovery =		50.38%	47.13%
3) s	Decachlorobi	3.991	4.464	566.7E6	350.8E6	22.579	20.186
Spiked Amount	50.000	Range 30 - 150		Recovery =		45.16%	40.37%
	Target Compounds						
4) l1	1016-1	1.581	1.773	108.8E6	103.6E6	225.024	220.875
5) l1	1016-2	1.720	1.940	259.8E6	237.9E6	250.816	228.095M4
6) l1	1016-3	1.906	2.136	563.6E6	499.8E6	240.558	225.173
7) l1	1016-4	1.960	2.196	220.7E6	200.2E6	222.544	217.384
8) l1	1016-5	2.127	2.403	228.1E6	152.8E6	225.755	227.801
Sum	1016-1			1381.1E6	1194.4E6	1164.698	1119.329
Average	1016-1					232.940	223.866
9) l2	1260-1	2.665	3.003	344.1E6	315.0E6	223.825	254.976
10) l2	1260-2	2.794	3.105	546.6E6	348.1E6	227.385	219.011
11) l2	1260-3	3.107	3.492	287.5E6	256.0E6	231.608	217.245
12) l2	1260-4	3.261	3.621	647.7E6	503.2E6	250.038M3	231.081
13) l2	1260-5	3.408	3.820	474.1E6	345.9E6	236.497M1	222.694M3
Sum	1260-1			2300.1E6	1768.2E6	NoCal	NoCal D
Average	1260-1					233.871	229.001

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-16.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:54
Operator : pest2:sdc
Sample : il91660,42e,,pp 12222 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 16 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:17:54 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:17:21 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-16.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:54
Operator : pest2:sdc
Sample : il91660,42e,,pp 12222 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 16 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:17:54 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:17:21 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

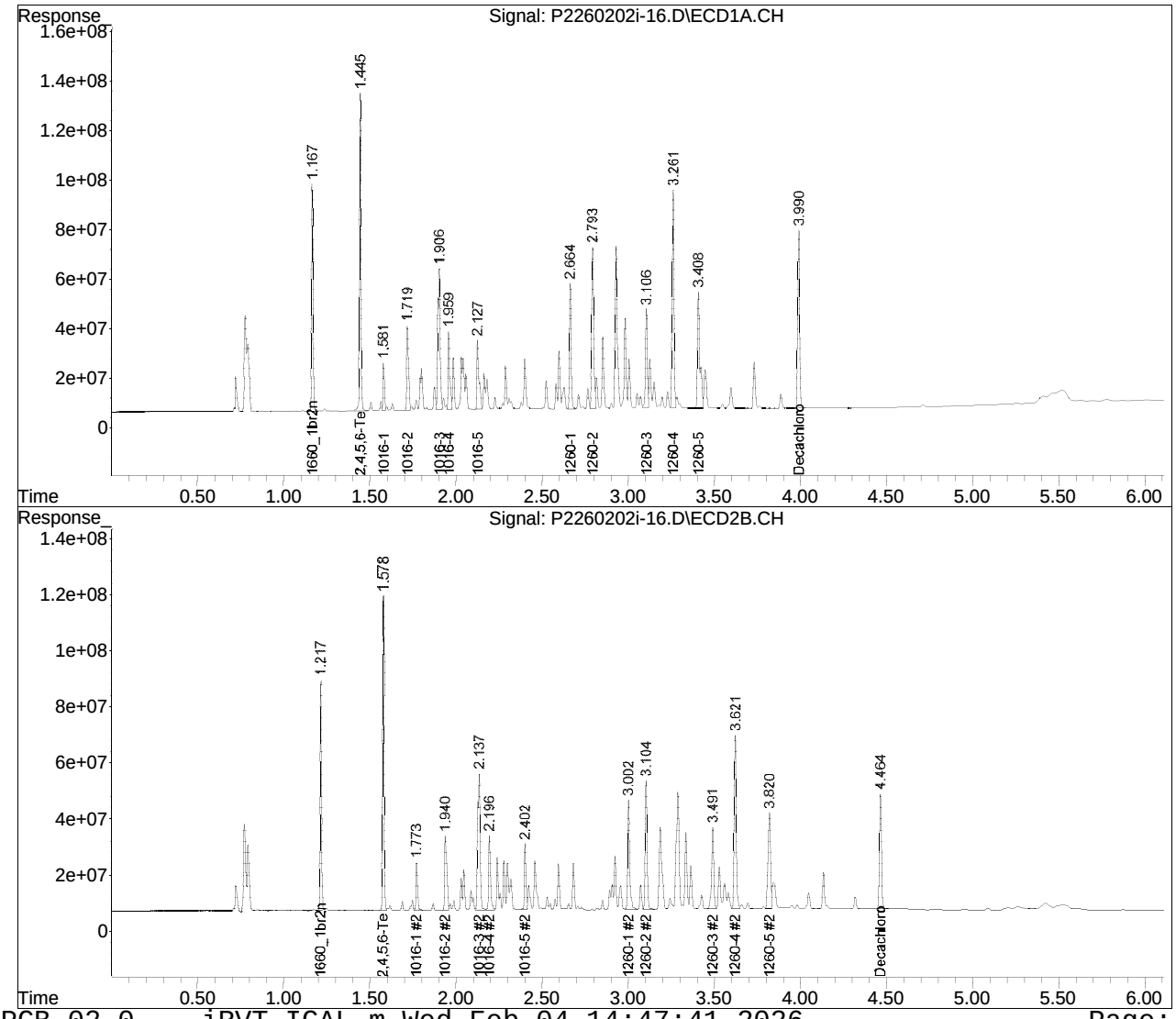
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-16.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 10:54
Operator : pest2:sdc
Sample : il91660,42e,,pp 12222 L250RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 16 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:17:54 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:17:21 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

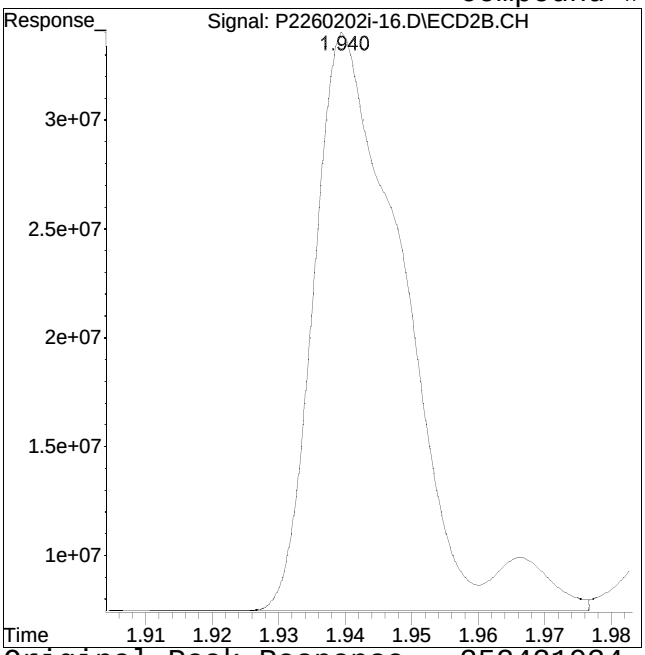
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

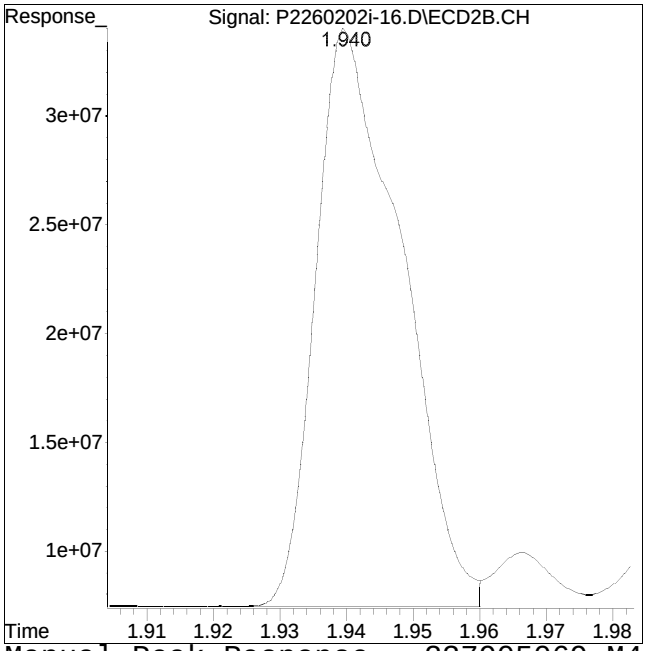


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-16.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:54 Instrument : Pest 2
Sample : il91660,42e,,pp 12222 L250Quant Date : 2/4/2026 10:17 am

Compound #56: 1016-2 #2



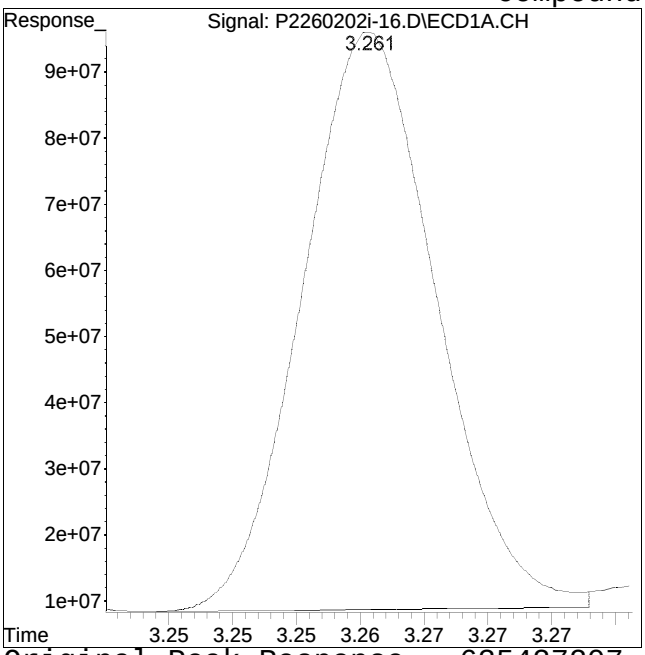


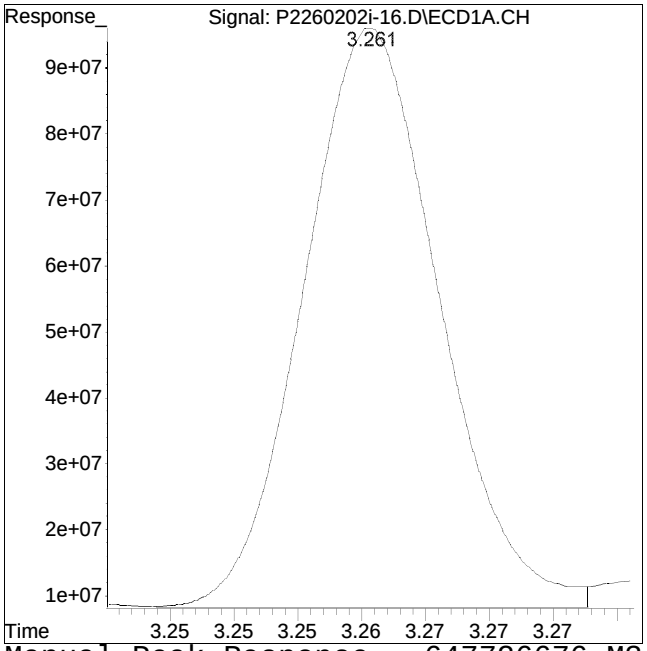
Original Peak Response = 252421934 Manual Peak Response = 237905069 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-16.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:54 Instrument : Pest 2
Sample : il91660,42e,,pp 12222 L250Quant Date : 2/4/2026 10:17 am

Compound #12: 1260-4



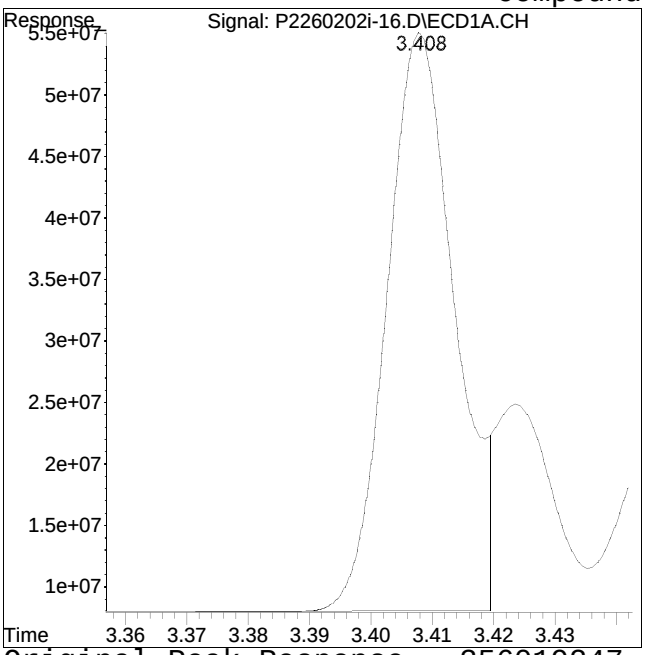


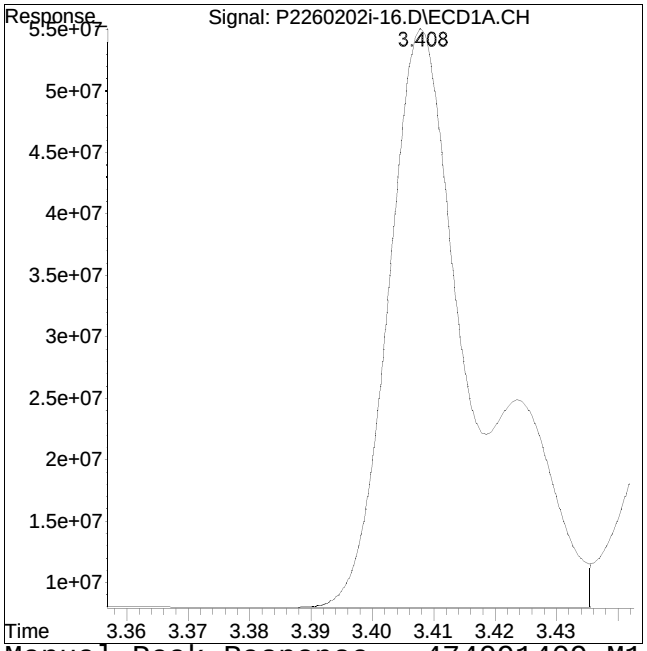
Original Peak Response = 635427207 Manual Peak Response = 647726676 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-16.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:54 Instrument : Pest 2
Sample : il91660,42e,,pp 12222 L250Quant Date : 2/4/2026 10:17 am

Compound #13: 1260-5



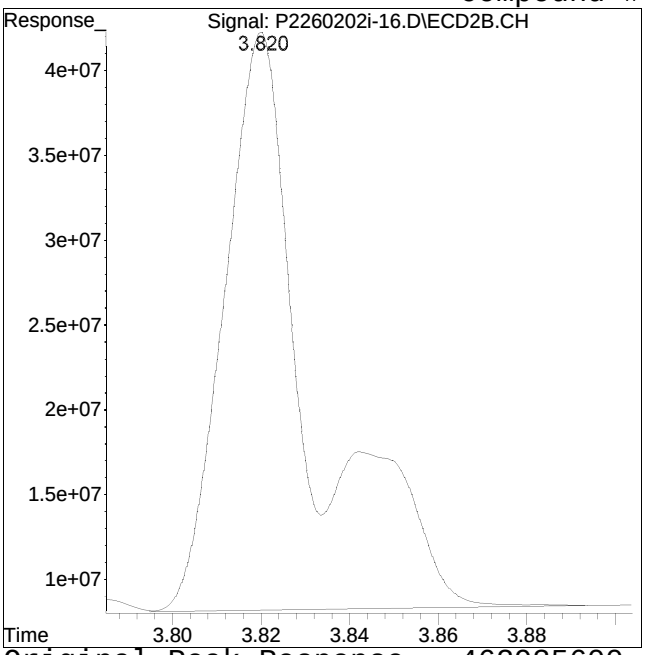


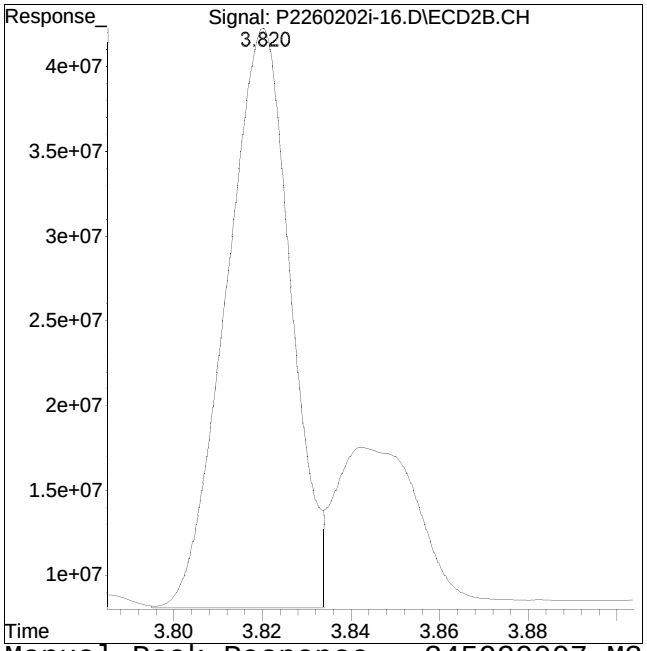
Original Peak Response = 356019247 Manual Peak Response = 474091409 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-16.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 10:54 Instrument : Pest 2
Sample : il91660,42e,,pp 12222 L250Quant Date : 2/4/2026 10:17 am

Compound #64: 1260-5 #2





Original Peak Response = 462935600 Manual Peak Response = 345920007 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-17.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:03
Operator : pest2:sdc
Sample : il101660,42e,,pp 12222 L500RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:21:31 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:20:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.167	1.217	540.8E6	463.1E6	25.000	25.000
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.445	1.579	1402.2E6	1162.2E6	49.307	44.604
	Spiked Amount 50.000	Range 30 - 150		Recovery =		98.61%	89.21%
3) s	Decachlorobi	3.991	4.465	1108.8E6	676.7E6	43.843	39.482
	Spiked Amount 50.000	Range 30 - 150		Recovery =		87.69%	78.96%
	Target Compounds						
4) l1	1016-1	1.581	1.774	209.5E6	190.9E6	429.877M3	408.102
5) l1	1016-2	1.719	1.942	495.0E6	465.9E6	471.492M3	446.287
6) l1	1016-3	1.906	2.137	1111.3E6	946.5E6	470.801	428.237
7) l1	1016-4	1.959	2.197	433.7E6	378.4E6	435.105M3	412.491
8) l1	1016-5	2.127	2.403	450.5E6	290.8E6	442.151	435.242M3
	Sum 1016-1			2700.0E6	2272.5E6	2249.426	2130.359
	Average 1016-1					449.885	426.072
9) l2	1260-1	2.665	3.004	675.9E6	598.0E6	436.510	483.661
10) l2	1260-2	2.794	3.105	1074.1E6	660.6E6	443.670	417.550
11) l2	1260-3	3.107	3.492	578.6E6	501.6E6	462.926	429.603
12) l2	1260-4	3.261	3.621	1297.5E6	963.3E6	495.584	445.307
13) l2	1260-5	3.408	3.820	946.3E6	678.1E6	468.234M1	441.069M3
	Sum 1260-1			4572.5E6	3401.6E6	NoCal	NoCal D

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-17.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:03
Operator : pest2:sdc
Sample : il101660,42e,,pp 12222 L500RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:21:31 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:20:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Average	1260-1					461.385	443.438
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-17.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:03
Operator : pest2:sdc
Sample : il101660,42e,,pp 12222 L500RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:21:31 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:20:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument							
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

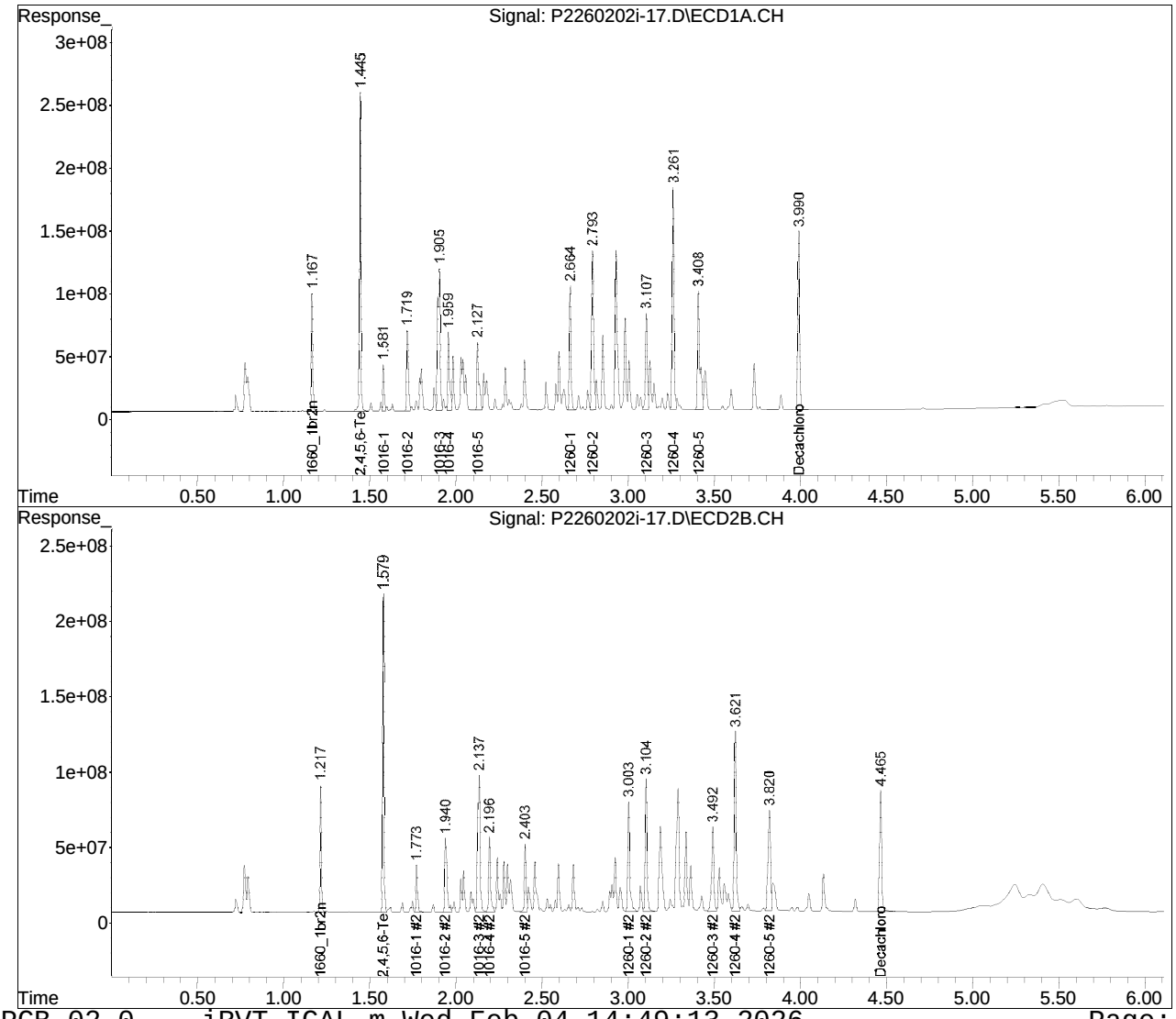
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-17.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:03
Operator : pest2:sdc
Sample : il101660,42e,,pp 12222 L500RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:21:31 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:20:50 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

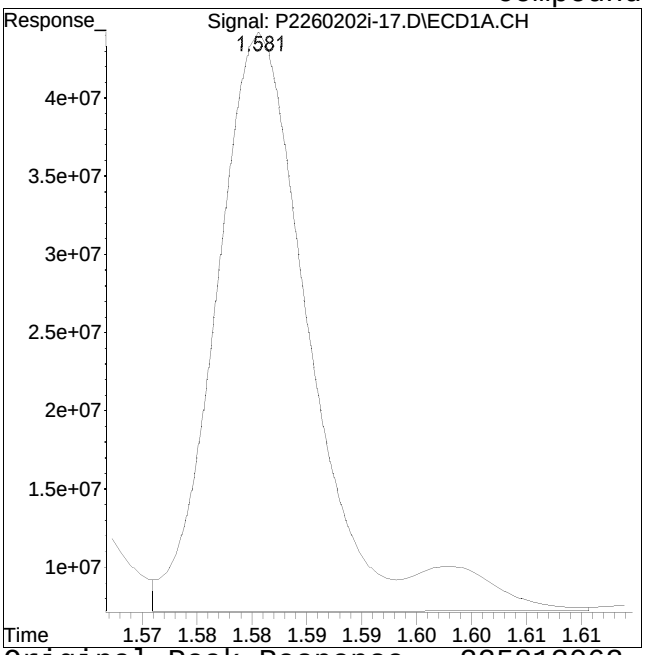
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

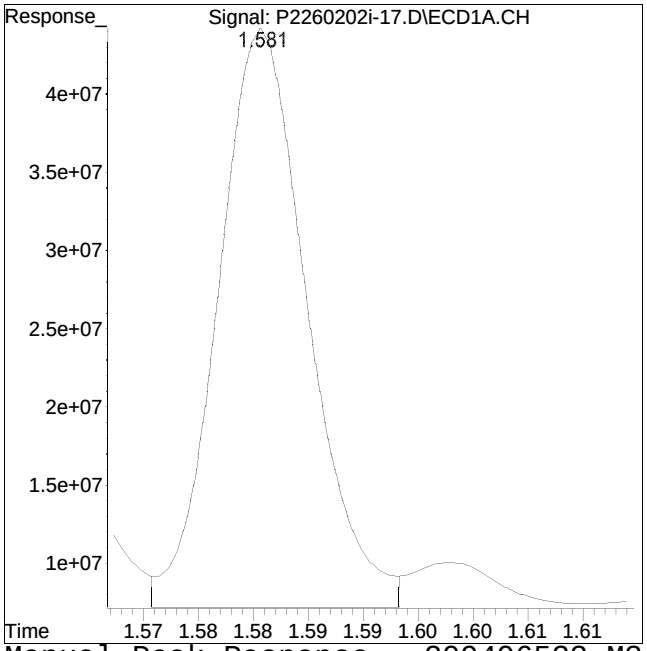


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-17.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:03 Instrument : Pest 2
Sample : il101660,42e,,pp 12222 L50Quant Date : 2/4/2026 10:21 am

Compound #4: 1016-1



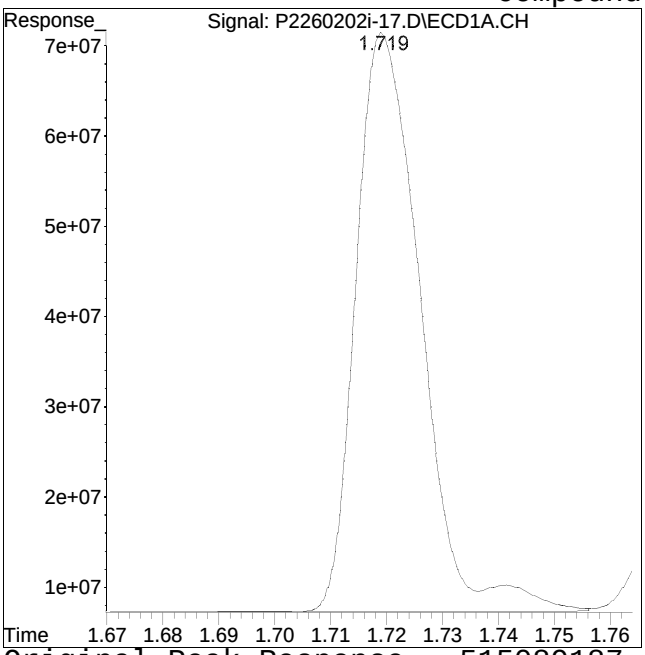


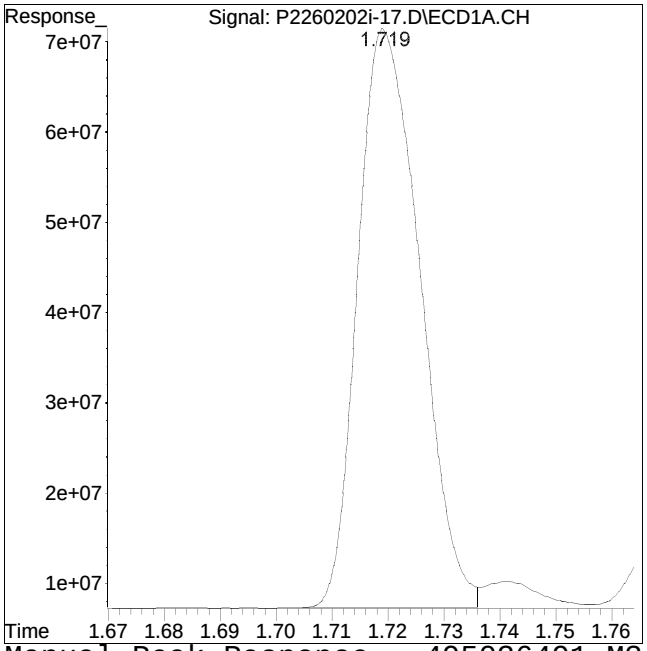
Original Peak Response = 225813062 Manual Peak Response = 209496533 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-17.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:03 Instrument : Pest 2
Sample : il101660,42e,,pp 12222 L50Quant Date : 2/4/2026 10:21 am

Compound #5: 1016-2



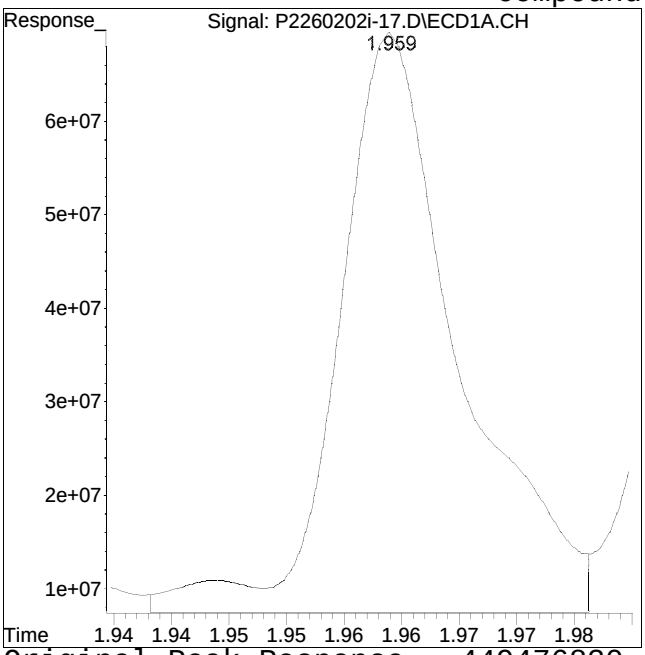


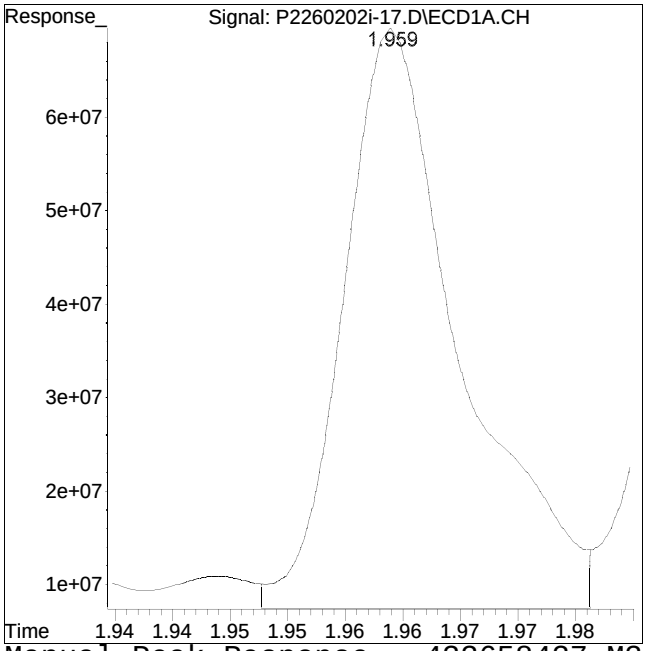
Original Peak Response = 515089187 Manual Peak Response = 495036491 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-17.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:03 Instrument : Pest 2
Sample : il101660,42e,,pp 12222 L50Quant Date : 2/4/2026 10:21 am

Compound #7: 1016-4



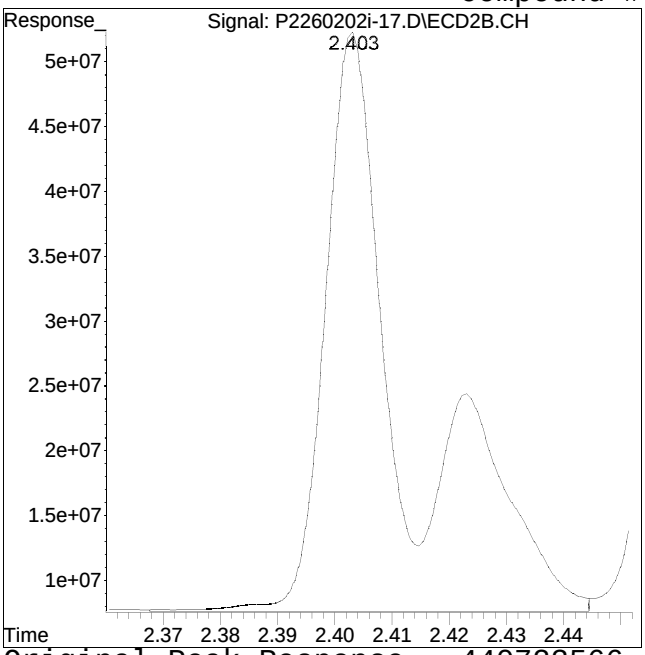


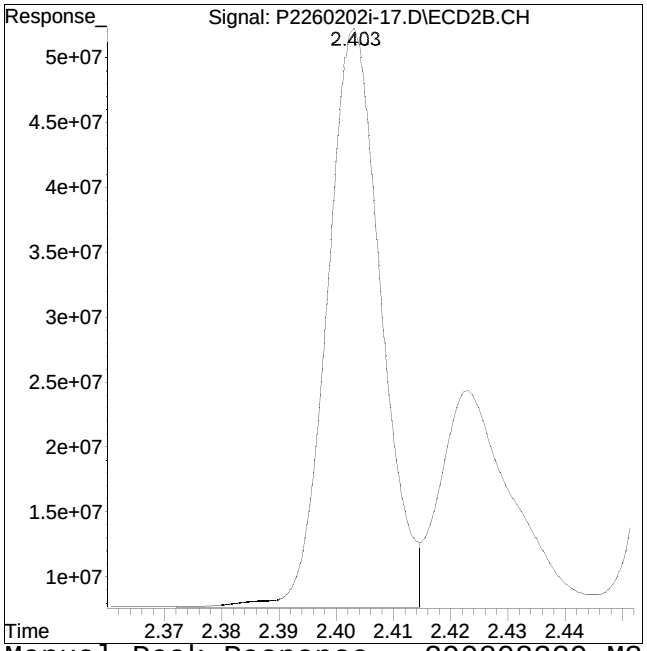
Original Peak Response = 449476830 Manual Peak Response = 433658437 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-17.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:03 Instrument : Pest 2
Sample : il101660,42e,,pp 12222 L50Quant Date : 2/4/2026 10:21 am

Compound #59: 1016-5 #2



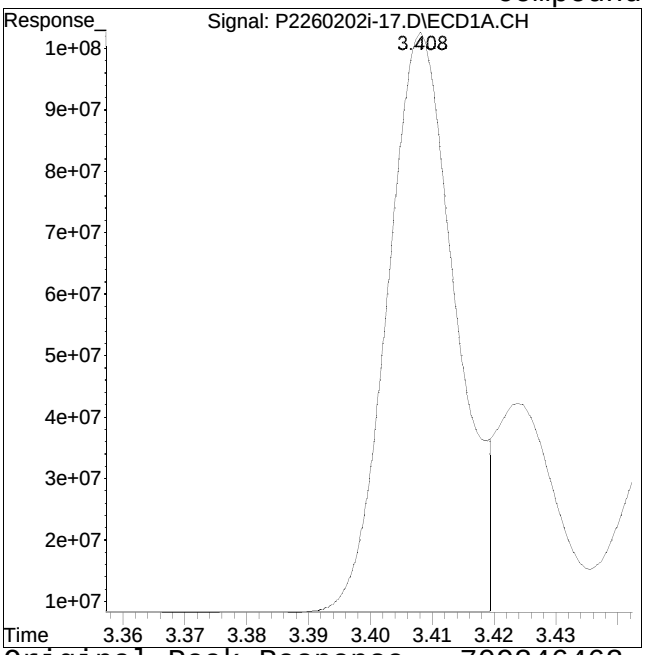


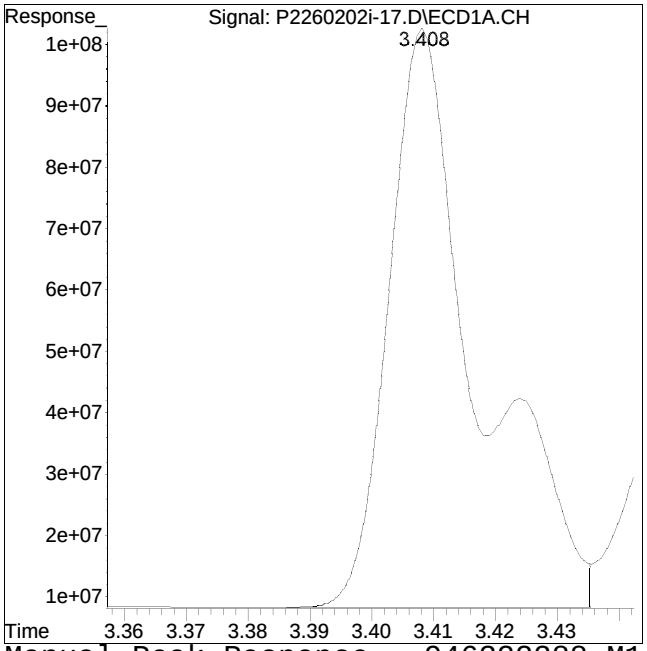
Original Peak Response = 440723566 Manual Peak Response = 290808329 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-17.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:03 Instrument : Pest 2
Sample : il101660,42e,,pp 12222 L50Quant Date : 2/4/2026 10:21 am

Compound #13: 1260-5



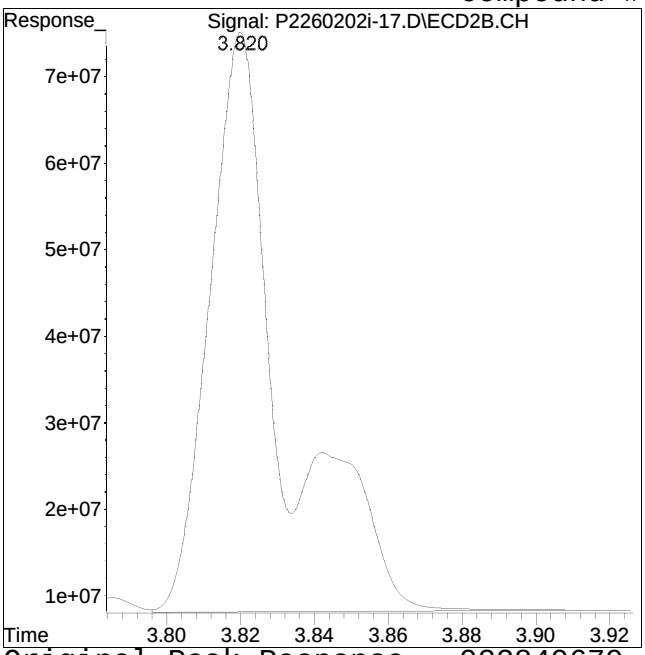


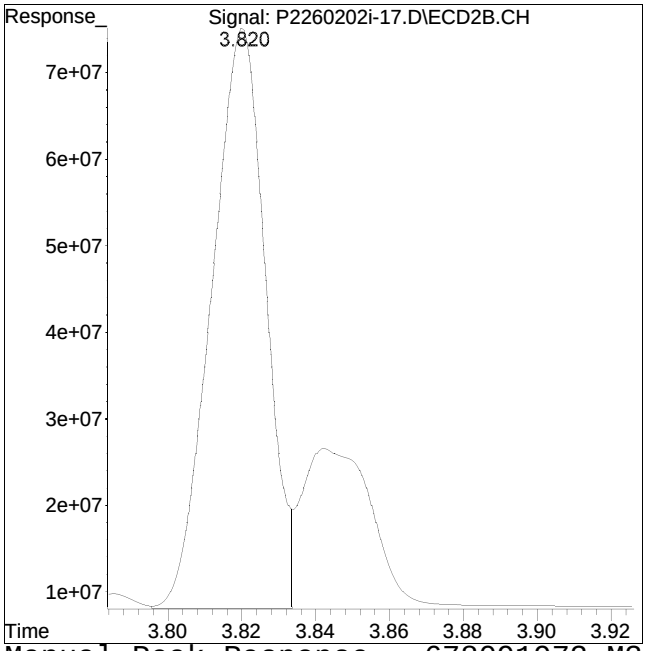
Original Peak Response = 709346462 Manual Peak Response = 946322288 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-17.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:03 Instrument : Pest 2
Sample : il101660,42e,,pp 12222 L50Quant Date : 2/4/2026 10:21 am

Compound #64: 1260-5 #2





Original Peak Response = 922849679 Manual Peak Response = 678091973 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 : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-18.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:13
Operator : pest2:sdc
Sample : il111660,42e,,pp 12222 L1000RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:25:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:24:27 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.167	1.217	544.3E6	468.8E6	25.000	25.000
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.446	1.579	2748.8E6	2178.9E6	96.373	82.842
	Spiked Amount 50.000	Range 30 - 150		Recovery =		192.75%#	165.68%#
3) s	Decachlorobi	3.991	4.464	2163.8E6	1409.3E6	85.365	81.387
	Spiked Amount 50.000	Range 30 - 150		Recovery =		170.73%#	162.77%#
	Target Compounds						
4) l1	1016-1	1.581	1.774	398.6E6	353.3E6	815.903M3	747.767
5) l1	1016-2	1.719	1.942	933.2E6	849.8E6	885.288M3	802.528
6) l1	1016-3	1.906	2.137	2153.3E6	1756.3E6	909.410	786.575
7) l1	1016-4	1.959	2.197	842.7E6	705.6E6	845.323M3	761.461
8) l1	1016-5	2.127	2.403	886.4E6	552.1E6	867.122	819.152
Sum	1016-1			5214.2E6	4217.1E6	4323.047	3917.484
Average	1016-1					864.609	783.497
9) l2	1260-1	2.664	3.003	1304.6E6	1108.6E6	840.330	885.395
10) l2	1260-2	2.793	3.105	2076.6E6	1236.4E6	855.731	773.860
11) l2	1260-3	3.106	3.492	1137.4E6	982.6E6	907.269	832.588
12) l2	1260-4	3.261	3.622	2530.2E6	1904.7E6	963.644	871.733
13) l2	1260-5	3.408	3.820	1864.8E6	1367.6E6	920.140M1	880.356
Sum	1260-1			8913.6E6	6599.8E6	NoCal	NoCal D
Average	1260-1					897.423	848.786

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-18.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:13
Operator : pest2:sdc
Sample : il111660,42e,,pp 12222 L1000RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:25:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:24:27 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-18.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:13
Operator : pest2:sdc
Sample : il111660,42e,,pp 12222 L1000RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:25:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:24:27 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

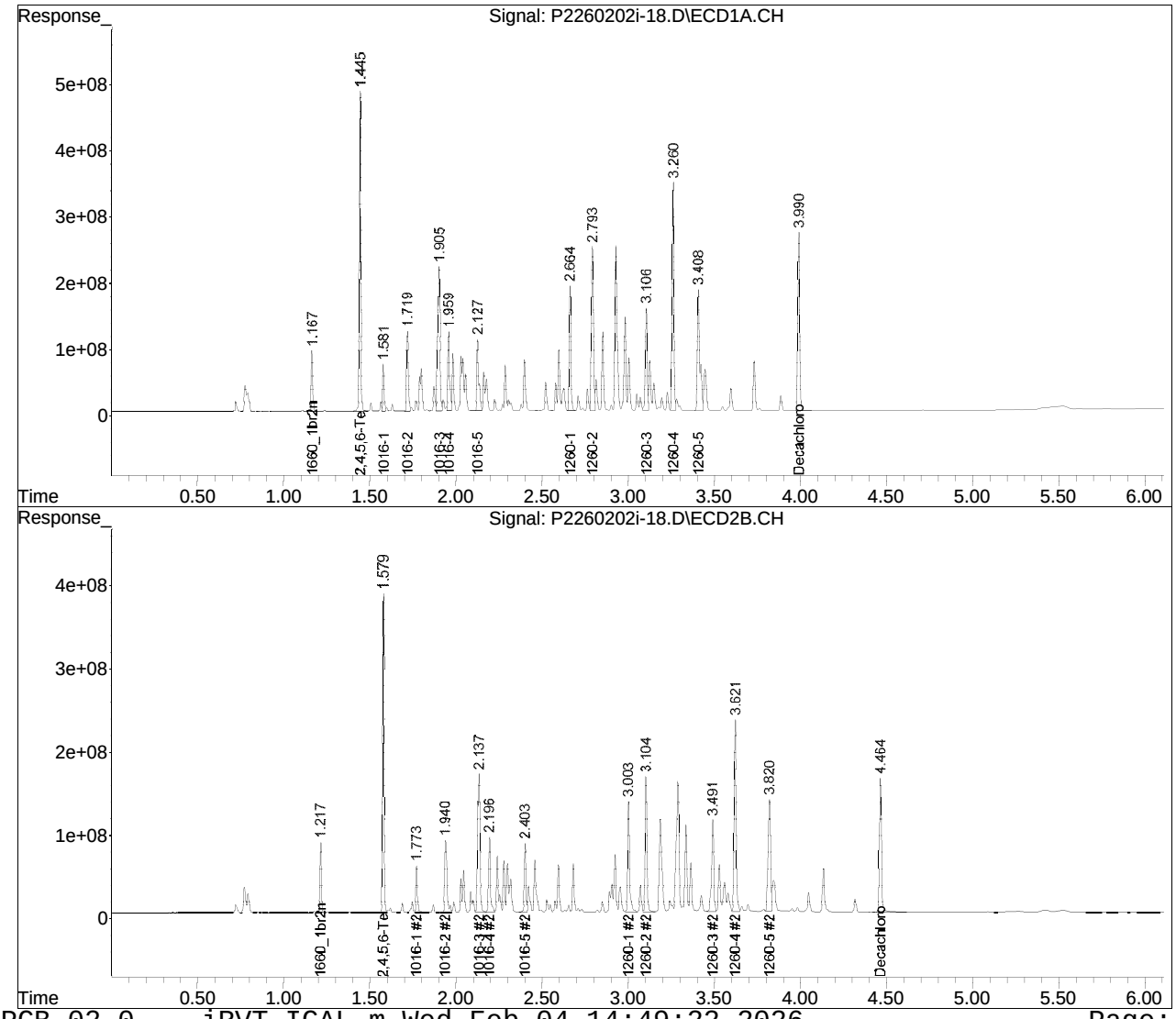
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-18.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:13
Operator : pest2:sdc
Sample : il111660,42e,,pp 12222 L1000RVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 10:25:41 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 10:24:27 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

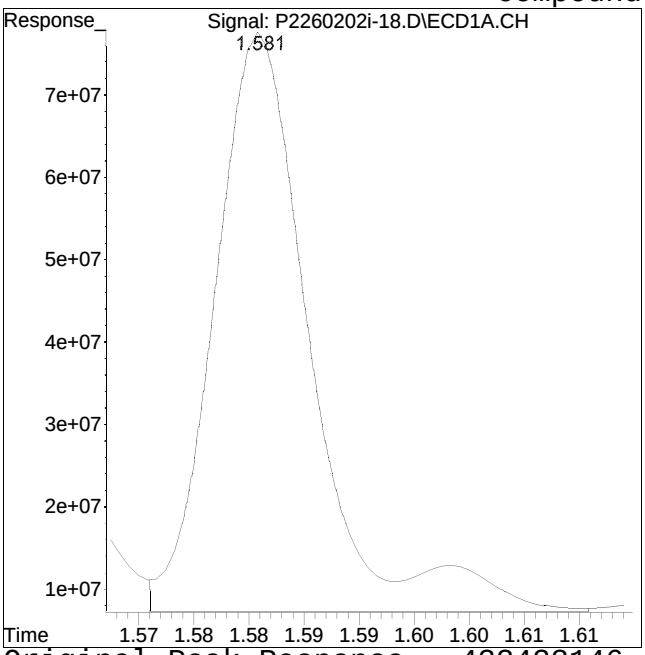
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

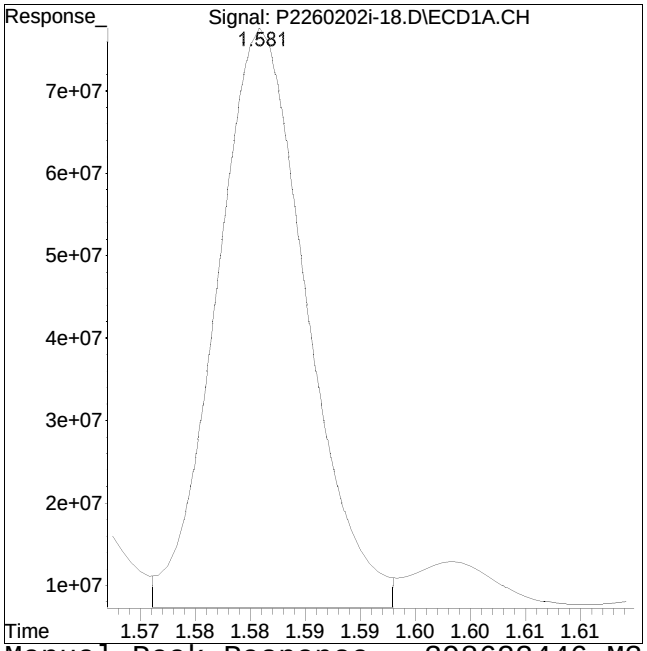


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-18.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:13 Instrument : Pest 2
Sample : il111660,42e,,pp 12222 L10Quant Date : 2/4/2026 10:25 am

Compound #4: 1016-1



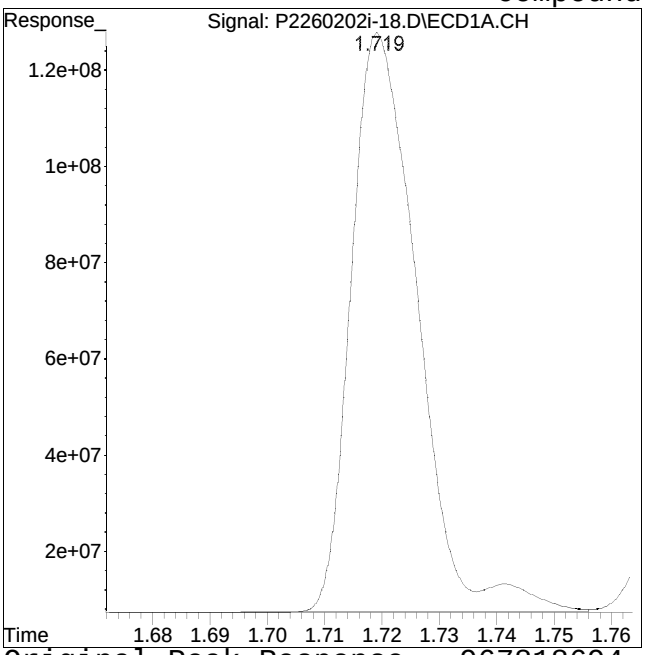


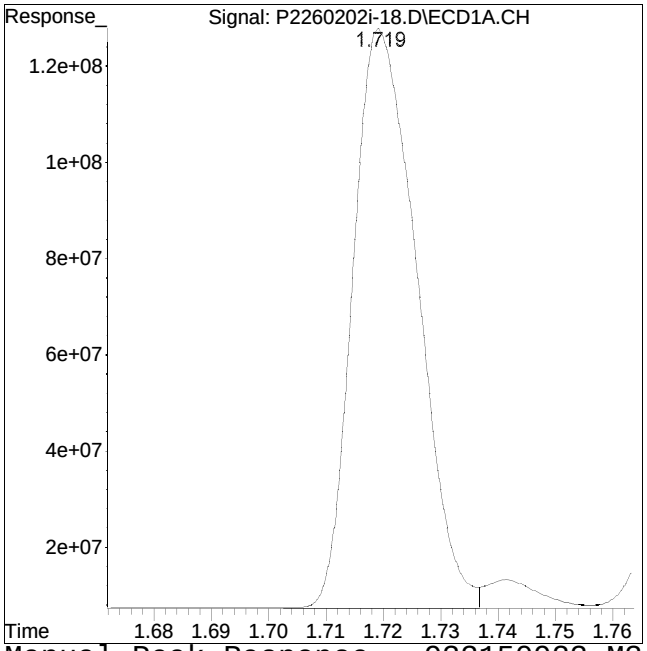
Original Peak Response = 433433146 Manual Peak Response = 398623446 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-18.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:13 Instrument : Pest 2
Sample : il111660,42e,,pp 12222 L10Quant Date : 2/4/2026 10:25 am

Compound #5: 1016-2



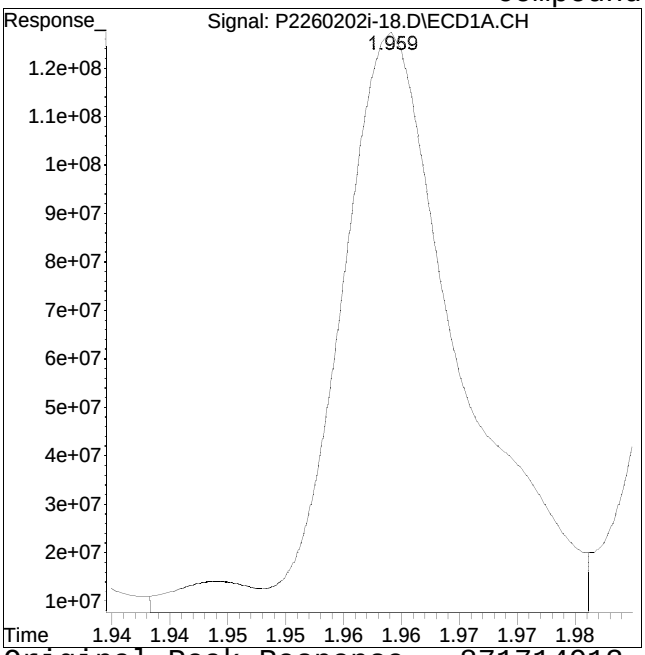


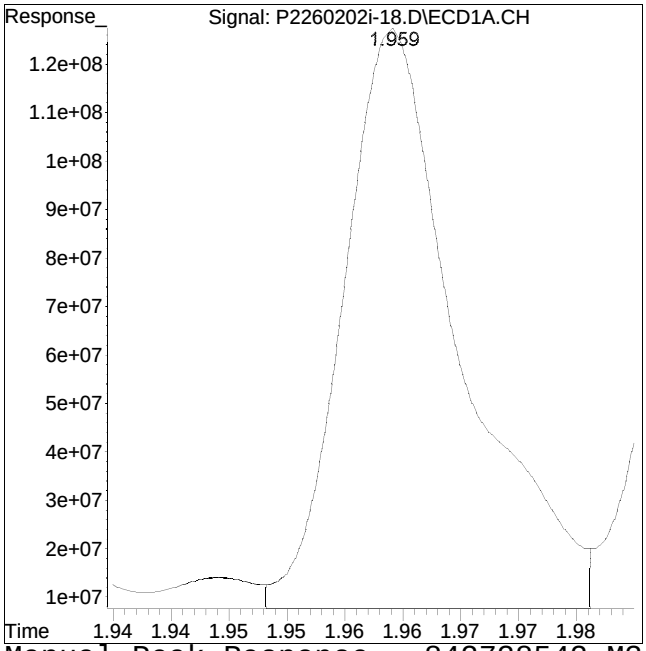
Original Peak Response = 967818694 Manual Peak Response = 933150923 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-18.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:13 Instrument : Pest 2
Sample : il111660,42e,,pp 12222 L10Quant Date : 2/4/2026 10:25 am

Compound #7: 1016-4



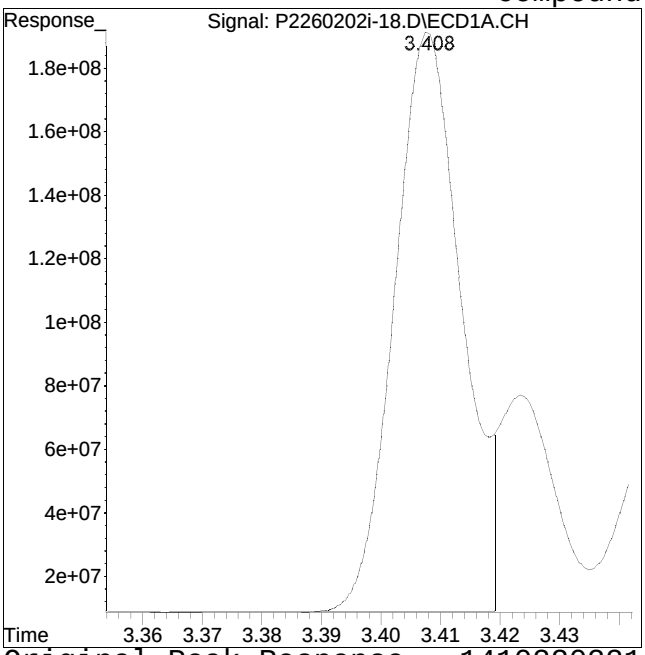


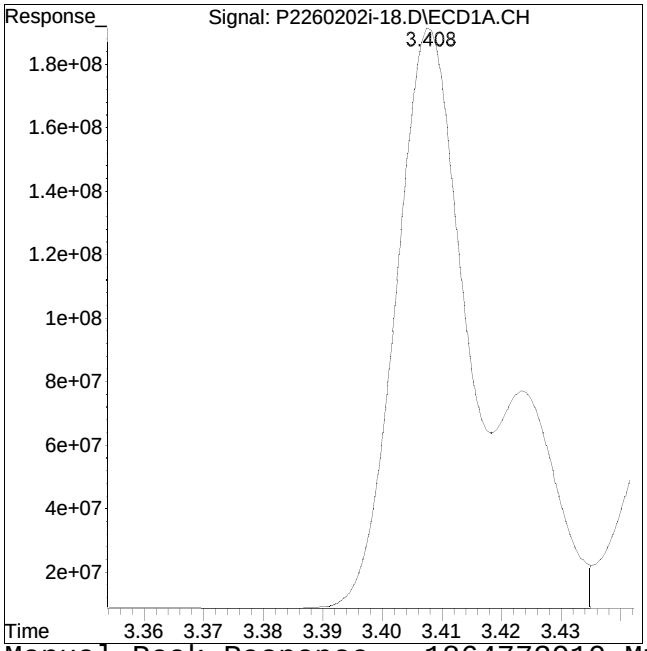
Original Peak Response = 871714913 Manual Peak Response = 842738542 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-18.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:13 Instrument : Pest 2
Sample : il111660,42e,,pp 12222 L10Quant Date : 2/4/2026 10:25 am

Compound #13: 1260-5





Original Peak Response = 1410220221 Manual Peak Response = 1864773910 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Initial Calibration Verification

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample   : cicv4268,42e,,pp 12229 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Min. RRF   : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
23	i	4268_1br2nb	^	1.000	1.000	0.0	86	0.00
24	l6	1242-1		0.015	0.016	-6.7	91	0.00
25	l6	1242-2		0.035	0.037	-5.7	91	0.00
26	l6	1242-3		0.073	0.077	-5.5	90	0.00
27	l6	1242-4		0.030	0.031	-3.3	91	0.00
28	l6	1242-5		0.024	0.025	-4.2	90	0.00
29	l9	1268-1		0.160	0.175	-9.4	94	0.00
30	l9	1268-2		0.161	0.155	3.7	83	0.00
31	l9	1268-3		0.114	0.130	-14.0	97	0.00
32	l9	1268-4		0.047	0.056	-19.1	103	0.00
33	l9	1268-5		0.318	0.401	-26.1#	108	0.00

Signal #2

23	i	4268_1br2nb	^	1.000	1.000	0.0	90	0.00
24	l6	1242-1		0.016	0.017	-6.3	96	0.00
25	l6	1242-2		0.036	0.039	-8.3	97	0.00
26	l6	1242-3		0.071	0.077	-8.5	97	0.00
27	l6	1242-4		0.028	0.031	-10.7	98	0.00
28	l6	1242-5		0.023	0.024	-4.3	97	0.00
29	l9	1268-1		0.128	0.140	-9.4	98	0.00
30	l9	1268-2		0.135	0.134	0.7	89	0.00
31	l9	1268-3		0.092	0.107	-16.3	103	0.00
32	l9	1268-4		0.039	0.048	-23.1#	110	0.00
33	l9	1268-5		0.224	0.304	-35.7#	122	0.00

Evaluate Continuing Calibration Report - Not Founds

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.17#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample   : cicv4268,42e,,pp 12229 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
2	s	2,4,5,6-Tetrachloro-m-xylen		1.229	0.000	100.0#	0#	-1.45#
3	s	Decachlorobiphenyl		1.082	0.000	100.0#	0#	-3.99#
4	l1	1016-1		0.021	0.000	100.0#	0#	-1.58#
5	l1	1016-2		0.049	0.000	100.0#	0#	-1.72#
6	l1	1016-3		0.101	0.000	100.0#	0#	-1.91#
7	l1	1016-4		0.040	0.000	100.0#	0#	-1.96#
8	l1	1016-5		0.042	0.000	100.0#	0#	-2.13#
9	l2	1260-1		0.064	0.000	100.0#	0#	-2.66#
10	l2	1260-2		0.100	0.000	100.0#	0#	-2.79#
11	l2	1260-3		0.050	0.000	100.0#	0#	-3.11#
12	l2	1260-4		0.114	0.000	100.0#	0#	-3.26#
13	l2	1260-5		0.085	0.000	100.0#	0#	-3.41#
14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.16#
15	l3	1221-1		0.011	0.000	100.0#	0#	-1.50#
16	l3	1221-2		0.00664	0.00000	100.0#	0#	-1.56#
17	l3	1221-3		0.027	0.000	100.0#	0#	-1.58#
18	l4	1254-1		0.040	0.000	100.0#	0#	-2.29#
19	l4	1254-2		0.074	0.000	100.0#	0#	-2.40#
20	l4	1254-3		0.075	0.000	100.0#	0#	-2.58#
21	l4	1254-4		0.054	0.000	100.0#	0#	-2.71#
22	l4	1254-5		0.073	0.000	100.0#	0#	-2.93#
34	i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.16#
35	l7	1248-1		0.053	0.000	100.0#	0#	-1.90#
36	l7	1248-2		0.058	0.000	100.0#	0#	-2.03#
37	l7	1248-3		0.052	0.000	100.0#	0#	-2.13#
38	l7	1248-4		0.047	0.000	100.0#	0#	-2.31#
39	l7	1248-5		0.049	0.000	100.0#	0#	-2.32#
40	i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.16#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample   : cicv4268,42e,,pp 12229 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
41	l5	1232-1		0.023	0.000	100.0#	0#	-1.58#
42	l5	1232-2		0.018	0.000	100.0#	0#	-1.72#
43	l5	1232-3		0.040	0.000	100.0#	0#	-1.90#
44	l5	1232-4		0.016	0.000	100.0#	0#	-1.96#
45	l5	1232-5		0.013	0.000	100.0#	0#	-2.31#
46	l8	1262-1		0.060	0.000	100.0#	0#	-2.79#
47	l8	1262-2		0.077	0.000	100.0#	0#	-2.98#
48	l8	1262-3		0.068	0.000	100.0#	0#	-3.11#
49	l8	1262-4		0.139	0.000	100.0#	0#	-3.26#
50	l8	1262-5		0.045	0.000	100.0#	0#	-3.73#

Signal #2

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.22#
2	s	2,4,5,6-Tetrachloro-m-xyl		1.308	0.000	100.0#	0#	-1.58#
3	s	Decachlorobiphenyl		0.864	0.000	100.0#	0#	-4.46#
4	l1	1016-1		0.024	0.000	100.0#	0#	-1.77#
5	l1	1016-2		0.054	0.000	100.0#	0#	-1.94#
6	l1	1016-3		0.112	0.000	100.0#	0#	-2.14#
7	l1	1016-4		0.044	0.000	100.0#	0#	-2.20#
8	l1	1016-5		0.033	0.000	100.0#	0#	-2.40#
9	l2	1260-1		0.069	0.000	100.0#	0#	-3.00#
10	l2	1260-2		0.078	0.000	100.0#	0#	-3.10#
11	l2	1260-3		0.057	0.000	100.0#	0#	-3.49#
12	l2	1260-4		0.109	0.000	100.0#	0#	-3.62#
13	l2	1260-5		0.076	0.000	100.0#	0#	-3.82#
14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.21#
15	l3	1221-1		0.012	0.000	100.0#	0#	-1.69#
16	l3	1221-2		0.00730	0.00000	100.0#	0#	-1.75#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample   : cicv4268,42e,,pp 12229 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
17	l3	1221-3		0.028	0.000	100.0#	0#	-1.77#
18	l4	1254-1		0.022	0.000	100.0#	0#	-2.57#
19	l4	1254-2		0.050	0.000	100.0#	0#	-2.68#
20	l4	1254-3		0.079	0.000	100.0#	0#	-2.91#
21	l4	1254-4		0.052	0.000	100.0#	0#	-3.02#
22	l4	1254-5		0.068	0.000	100.0#	0#	-3.29#
34	i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.21#
35	l7	1248-1		0.054	0.000	100.0#	0#	-2.13#
36	l7	1248-2		0.029	0.000	100.0#	0#	-2.28#
37	l7	1248-3		0.037	0.000	100.0#	0#	-2.40#
38	l7	1248-4		0.044	0.000	100.0#	0#	-2.57#
39	l7	1248-5		0.053	0.000	100.0#	0#	-2.60#
40	i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.21#
41	l5	1232-1		0.024	0.000	100.0#	0#	-1.77#
42	l5	1232-2		0.020	0.000	100.0#	0#	-1.94#
43	l5	1232-3		0.041	0.000	100.0#	0#	-2.13#
44	l5	1232-4		0.016	0.000	100.0#	0#	-2.19#
45	l5	1232-5		0.013	0.000	100.0#	0#	-2.57#
46	l8	1262-1		0.047	0.000	100.0#	0#	-3.10#
47	l8	1262-2		0.066	0.000	100.0#	0#	-3.33#
48	l8	1262-3		0.060	0.000	100.0#	0#	-3.49#
49	l8	1262-4		0.112	0.000	100.0#	0#	-3.62#
50	l8	1262-5		0.038	0.000	100.0#	0#	-4.13#

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0
(^) = ISTD area calculated using ICAL average

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample : cicv4268,42e,,pp 12229 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	1.167	1.217	547.2E6	527.1E6	25.000M3	25.000M3
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample : cicv4268,42e,,pp 12229 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	1.581	1.774	88481765	87556548	265.551	267.438
25) l6	1242-2	1.719	1.942	202.9E6	207.5E6	265.844M1	272.020
26) l6	1242-3	1.906	2.137	418.9E6	404.1E6	262.409	271.444
27) l6	1242-4	1.959	2.197	171.4E6	162.5E6	264.272M1	274.571
28) l6	1242-5	2.308	2.576	136.6E6	128.2E6	261.554	269.494
Sum	1242-1			1018.3E6	989.9E6	1319.629	1354.967
Average	1242-1					263.926	270.993
29) l9	1268-1	3.424	3.816	957.3E6	737.9E6	274.179M3	273.568
30) l9	1268-2	3.446	3.842	849.8E6	708.5E6	241.231M3	248.566
31) l9	1268-3	3.547	3.982	711.8E6	562.3E6	284.306	288.716M3
32) l9	1268-4	3.733	4.134	309.1E6	251.7E6	299.904M3	306.962M3
33) l9	1268-5	3.886	4.318	2193.6E6	1602.8E6	315.655M3	339.239M4
Sum	1268-1			5021.6E6	3863.3E6	NoCal	NoCal D

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample : cicv4268,42e,,pp 12229 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Average	1268-1					283.055	291.410
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument							
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample : cicv4268,42e,,pp 12229 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

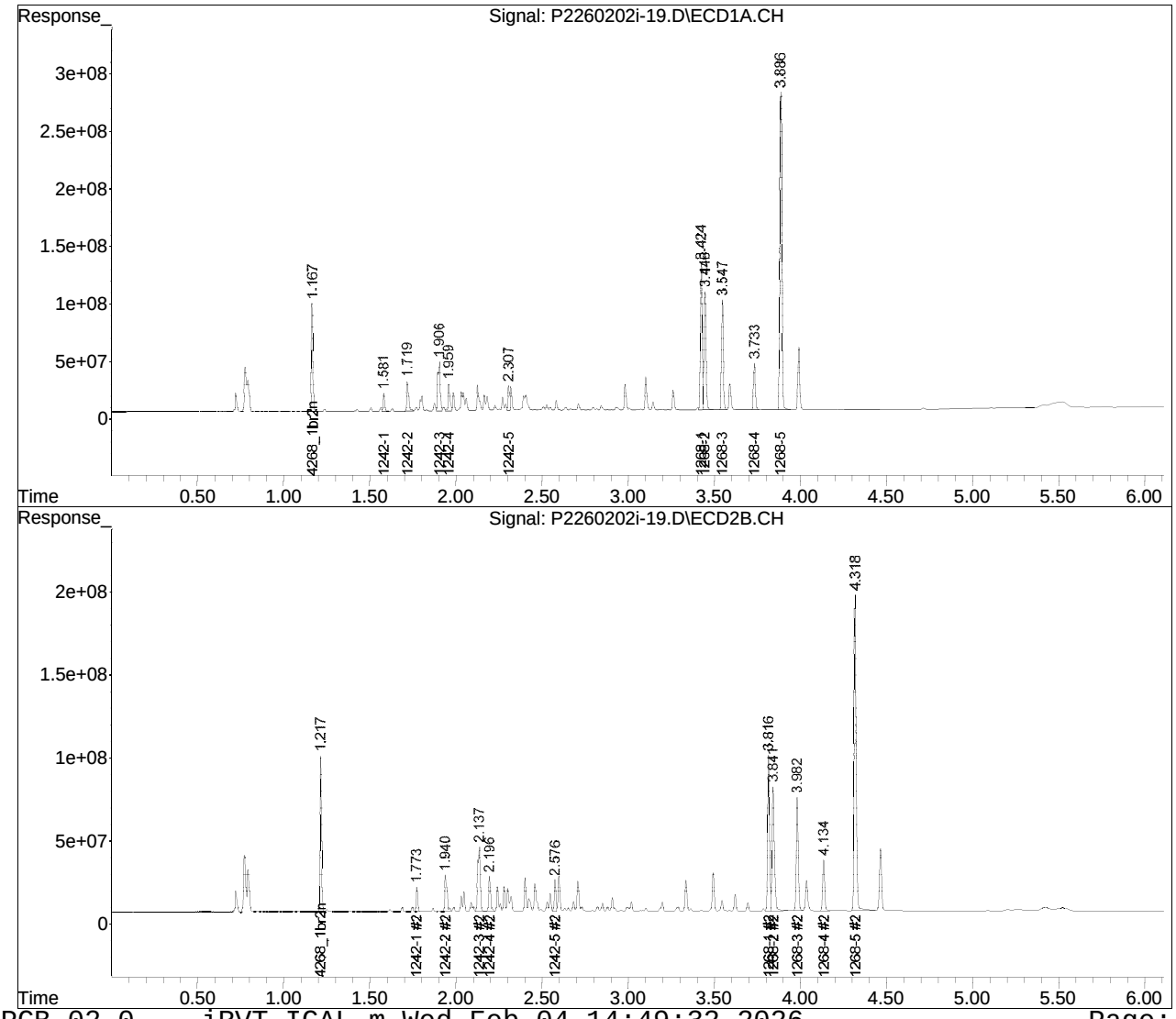
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:22
Operator : pest2:sdc
Sample : cicv4268,42e,,pp 12229 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:45:12 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:44:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

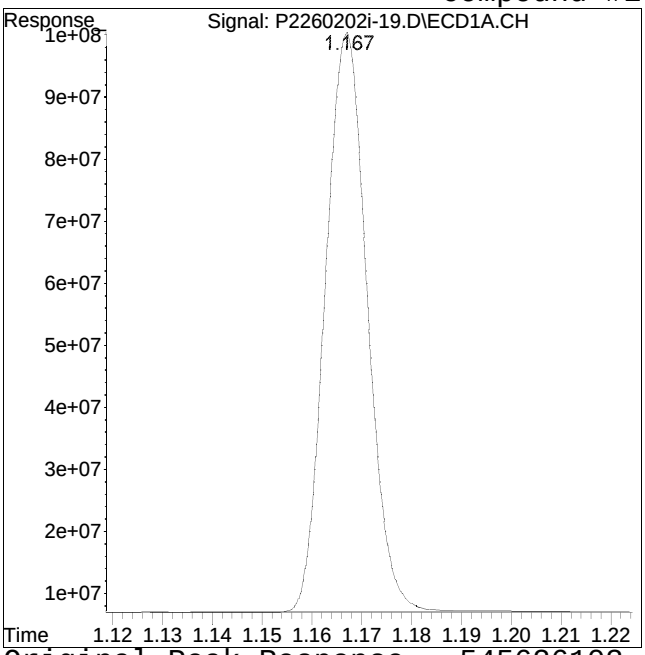
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

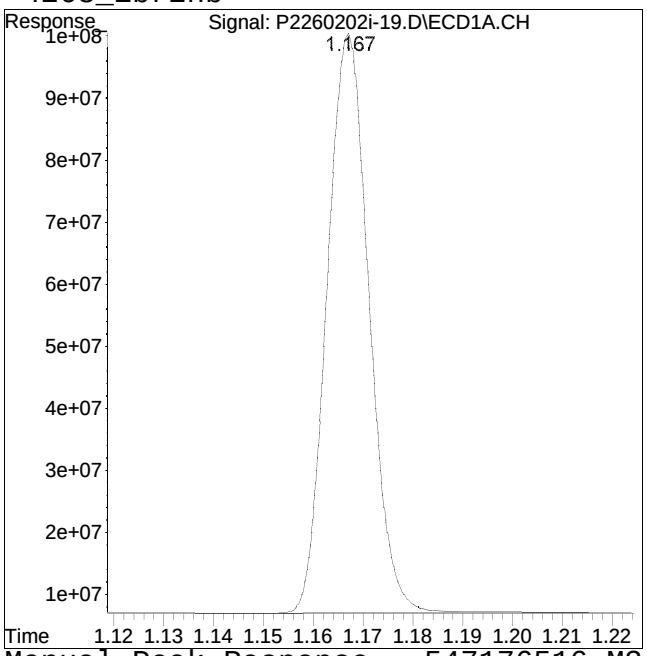


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #23: 4268_1br2nb



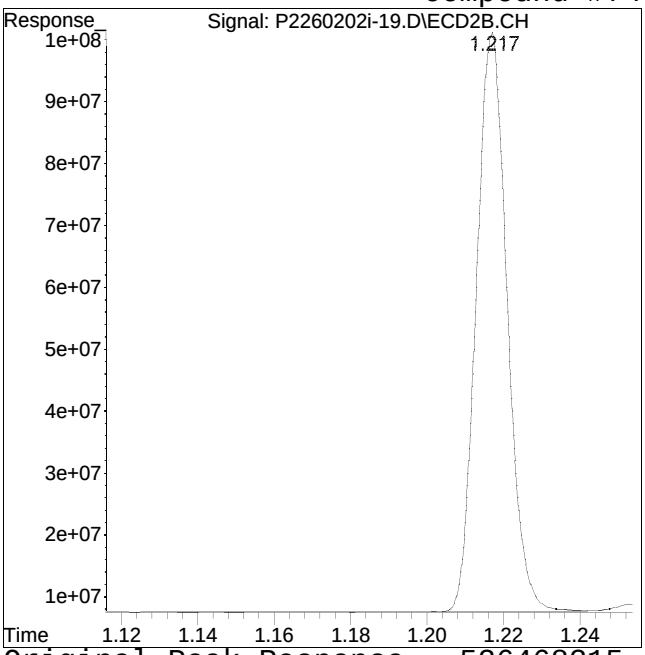


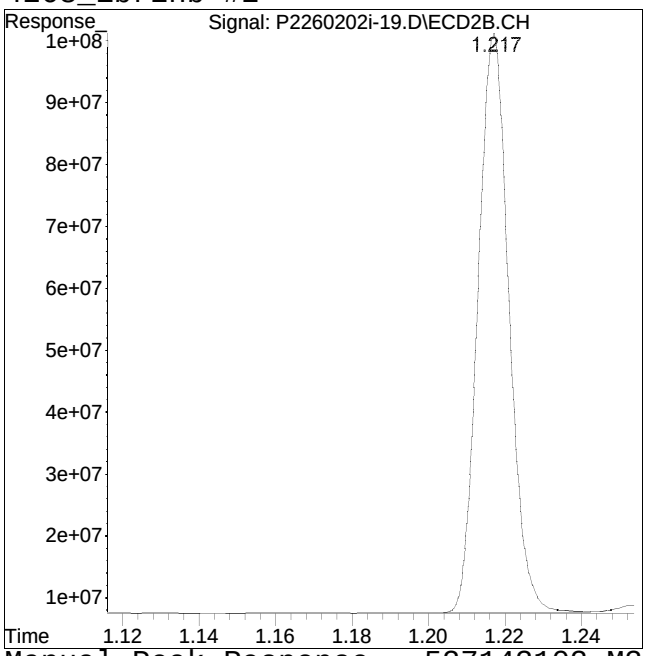
Original Peak Response = 545626103 Manual Peak Response = 547176516 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #74: 4268_1br2nb #2



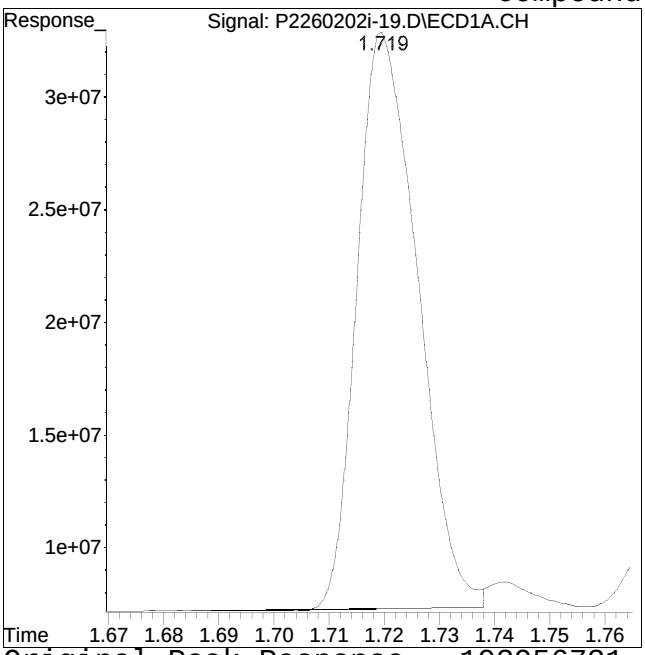


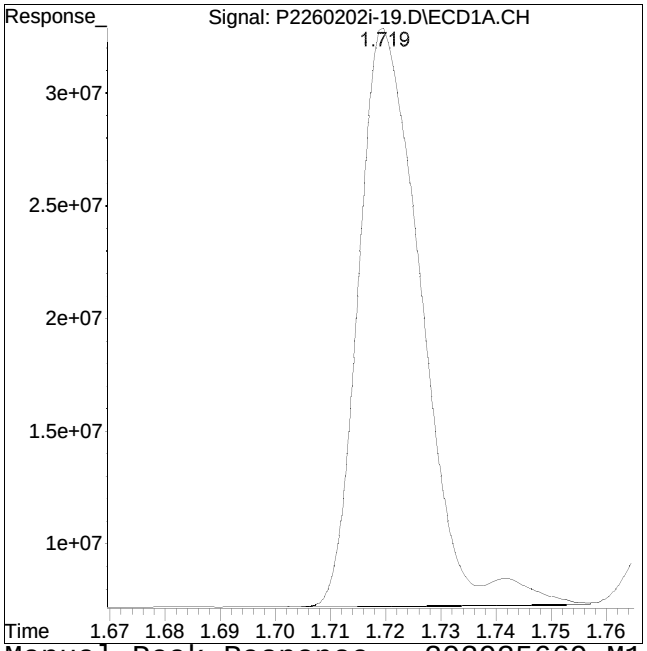
Original Peak Response = 526468315 Manual Peak Response = 527143102 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #25: 1242-2



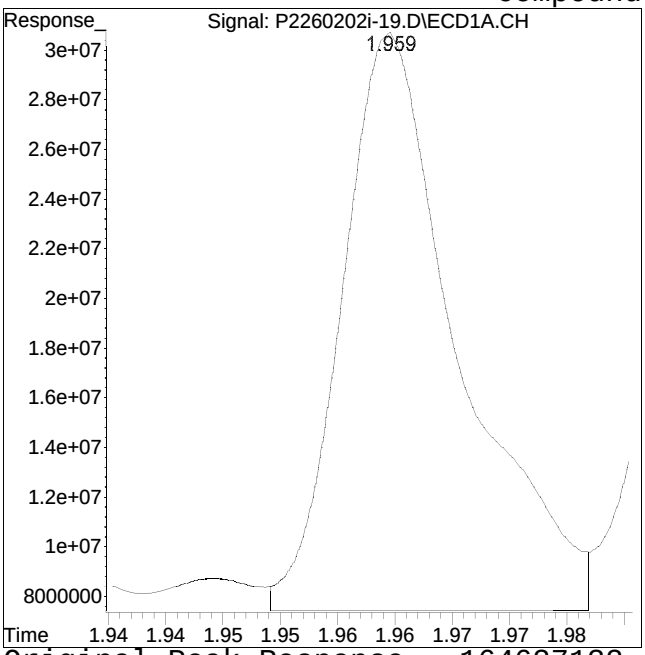


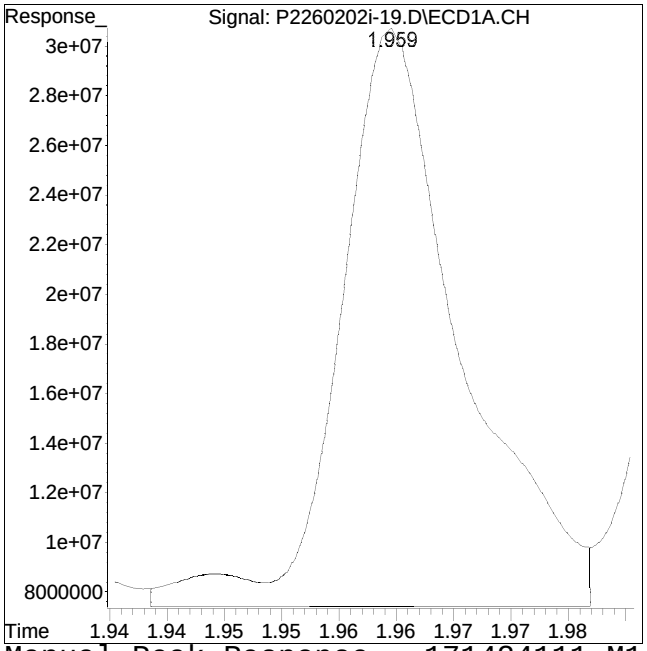
Original Peak Response = 193956731 Manual Peak Response = 202935669 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #27: 1242-4



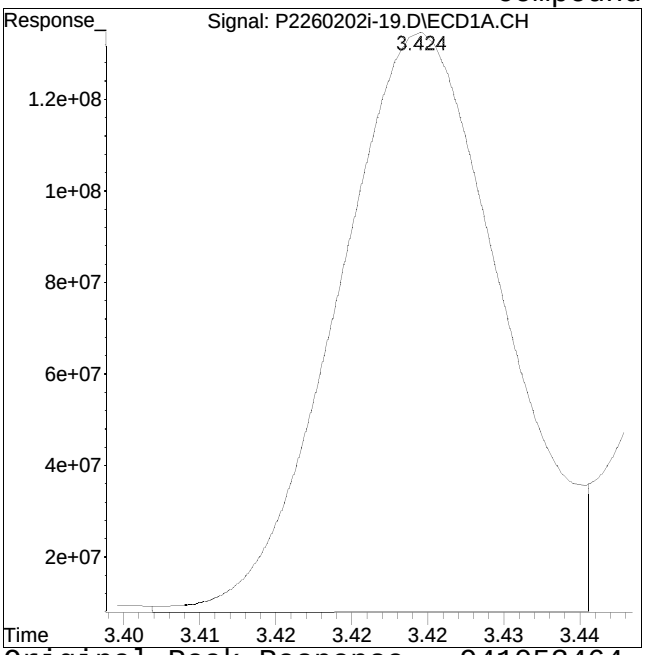


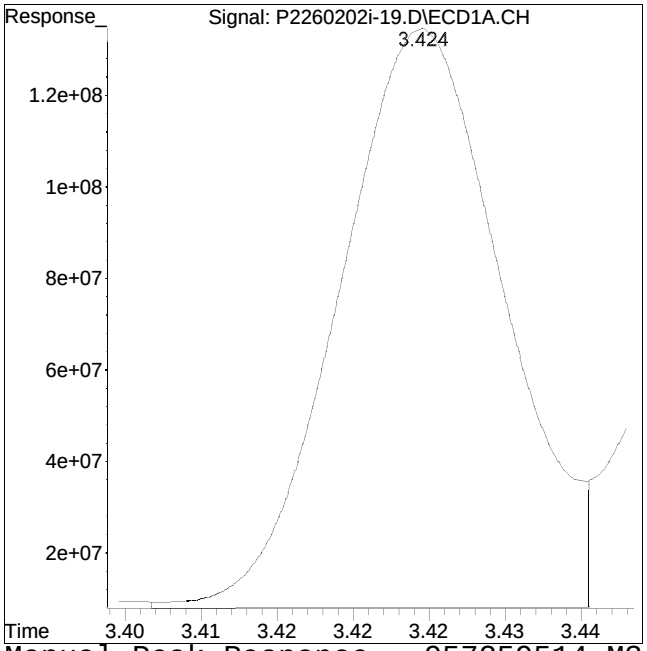
Original Peak Response = 164627132 Manual Peak Response = 171424111 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #29: 1268-1



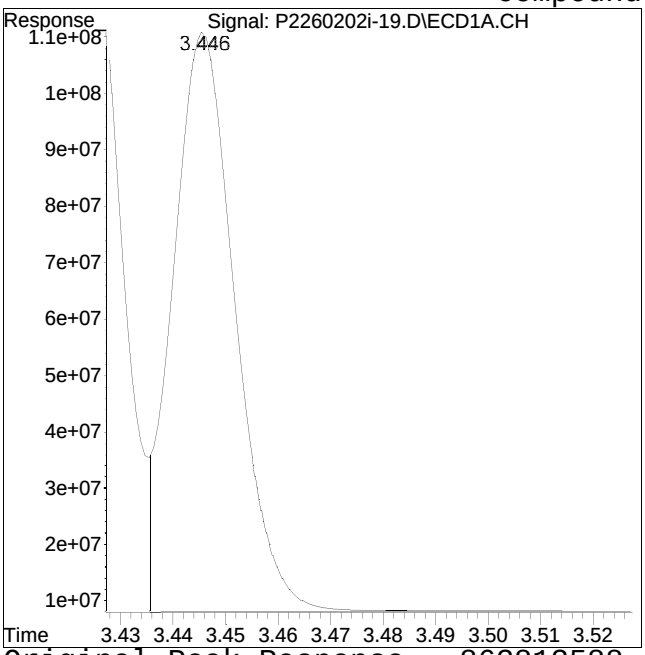


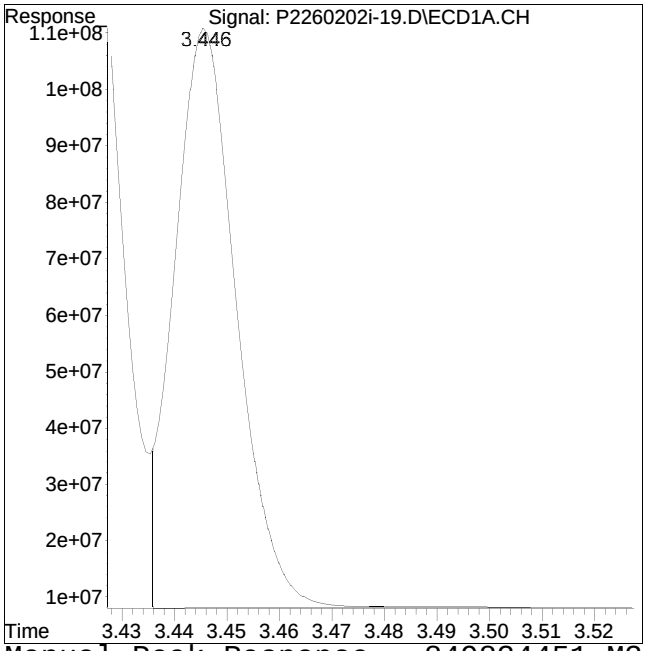
Original Peak Response = 941053464 Manual Peak Response = 957259514 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #30: 1268-2



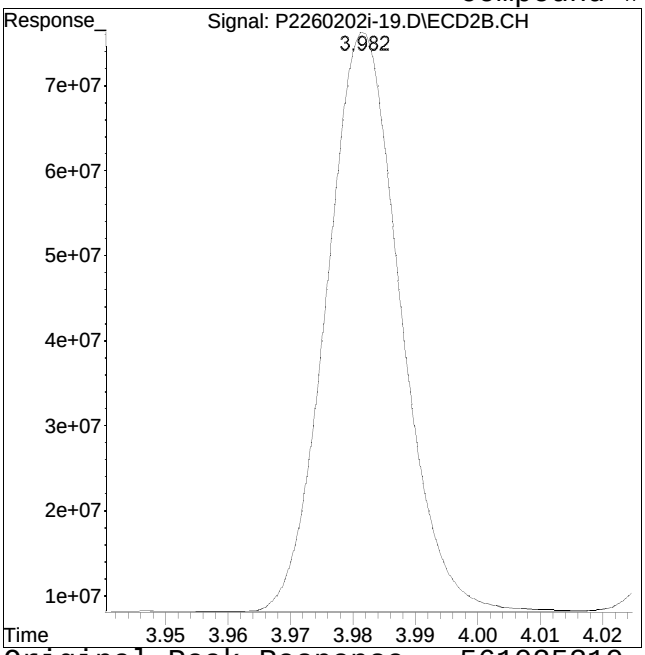


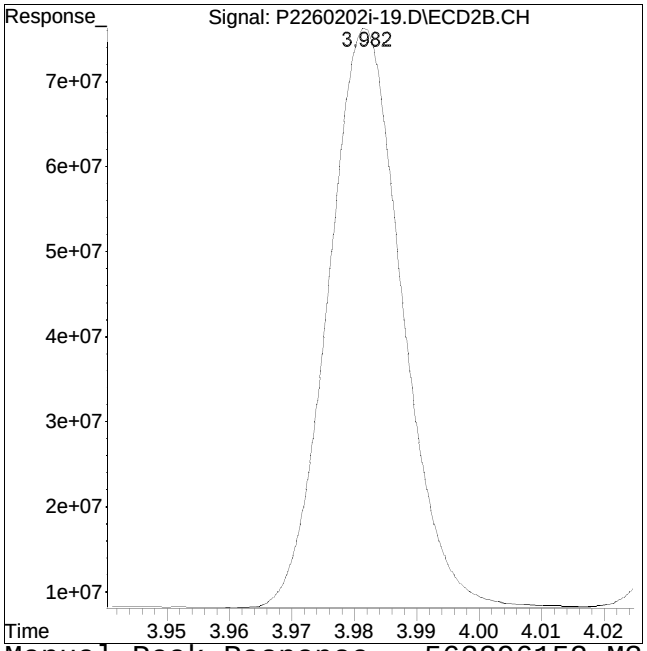
Original Peak Response = 863813588 Manual Peak Response = 849834451 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #82: 1268-3 #2



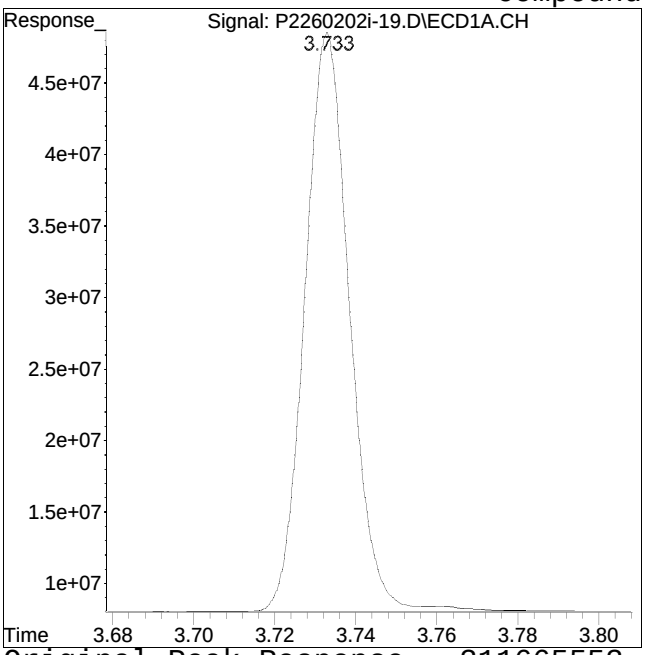


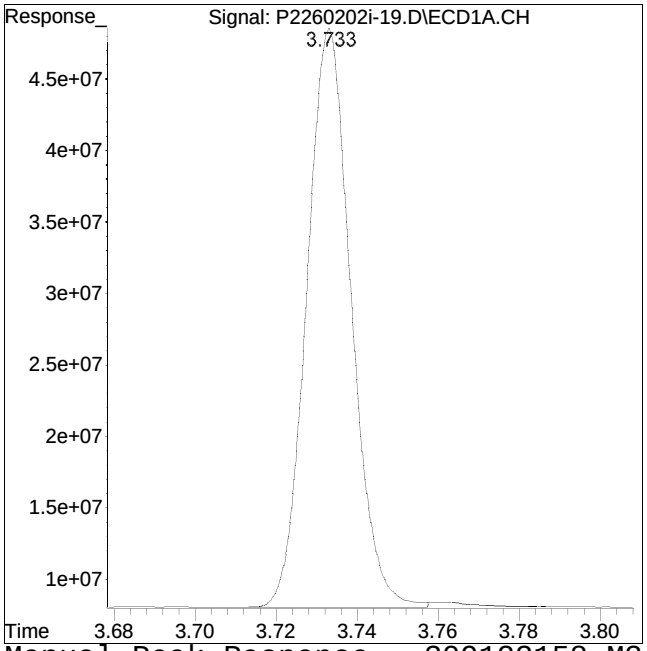
Original Peak Response = 561025310 Manual Peak Response = 562296152 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #32: 1268-4



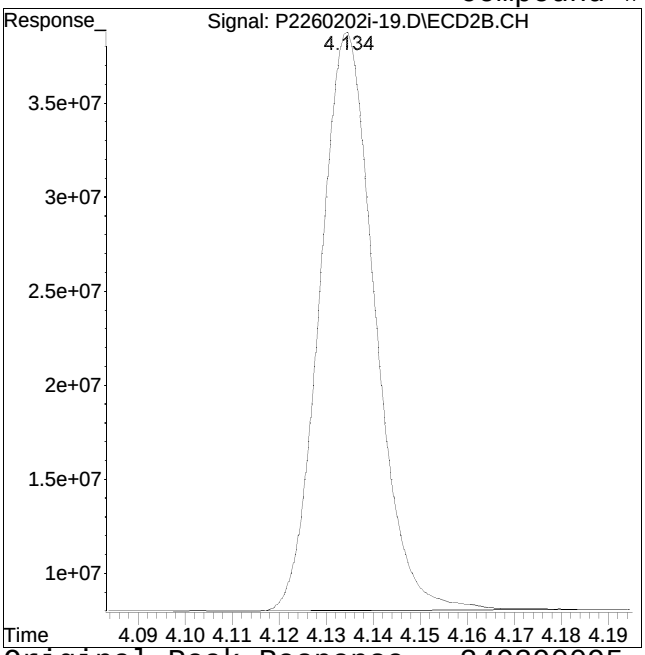


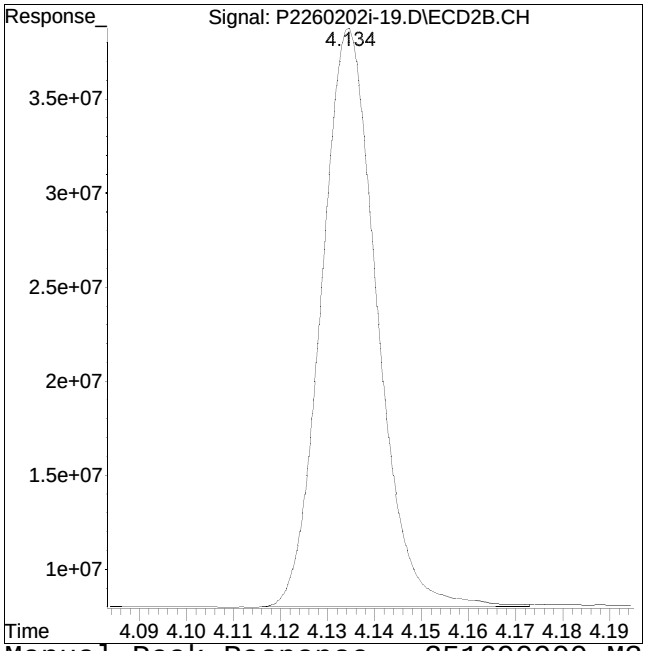
Original Peak Response = 311665553 Manual Peak Response = 309123158 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #83: 1268-4 #2



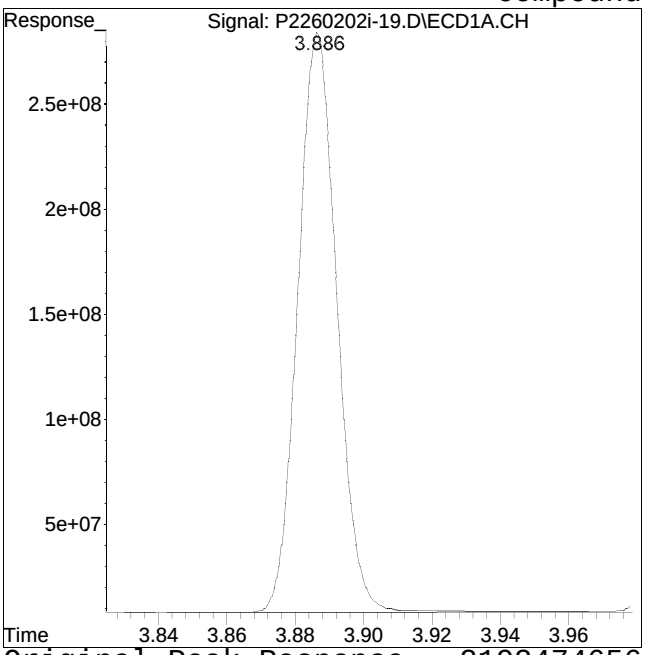


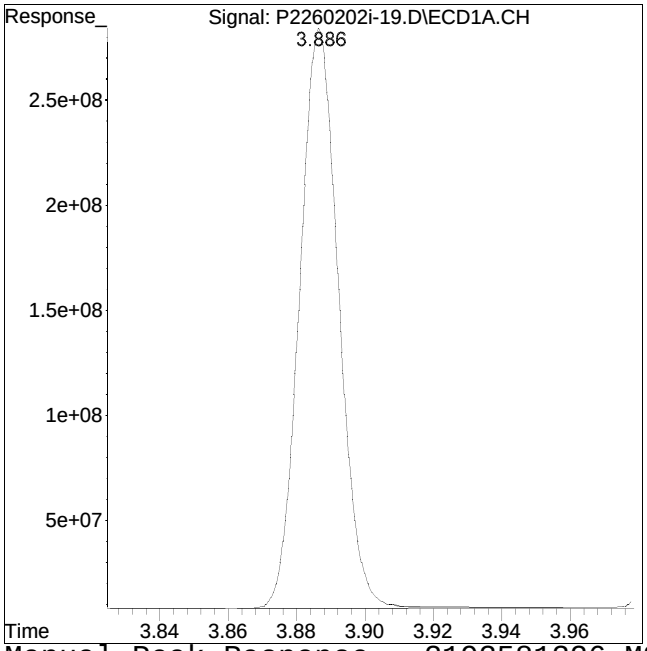
Original Peak Response = 249390095 Manual Peak Response = 251690900 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #33: 1268-5



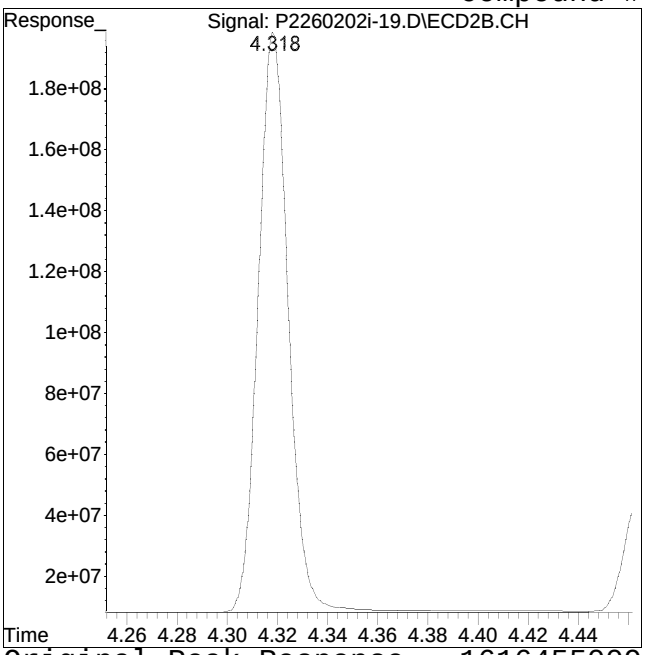


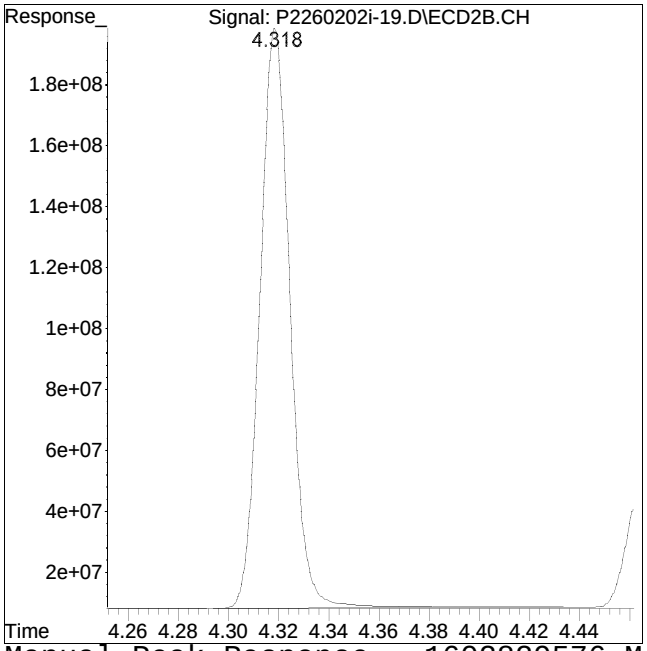
Original Peak Response = 2192474656 Manual Peak Response = 2193581326 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-19.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:22 Instrument : Pest 2
Sample : cicv4268,42e,,pp 12229 L25Quant Date : 2/4/2026 11:45 am

Compound #84: 1268-5 #2





Original Peak Response = 1616455009 Manual Peak Response = 1602829576 M4
M4 = Poor automated baseline construction.

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample   : cicv3262,42e,,pp 12230 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
40	i	3262_1br2nb	^	1.000	1.000	0.0	90	0.00
41	l5	1232-1		0.023	0.021	8.7	83	0.00
42	l5	1232-2		0.018	0.020	-11.1	98	0.00
43	l5	1232-3		0.040	0.041	-2.5	94	0.00
44	l5	1232-4		0.016	0.017	-6.3	96	0.00
45	l5	1232-5		0.013	0.012	7.7	85	0.00
46	l8	1262-1		0.060	0.064	-6.7	95	0.00
47	l8	1262-2		0.077	0.081	-5.2	96	0.00
48	l8	1262-3		0.068	0.071	-4.4	95	0.00
49	l8	1262-4		0.139	0.148	-6.5	96	0.00
50	l8	1262-5		0.045	0.048	-6.7	95	0.00

Signal #2

40	i	3262_1br2nb	^	1.000	1.000	0.0	96	0.00
41	l5	1232-1		0.024	0.022	8.3	88	0.00
42	l5	1232-2		0.020	0.022	-10.0	103	0.00
43	l5	1232-3		0.041	0.043	-4.9	101	0.00
44	l5	1232-4		0.016	0.017	-6.3	101	0.00
45	l5	1232-5		0.013	0.012	7.7	93	0.00
46	l8	1262-1		0.047	0.050	-6.4	102	0.00
47	l8	1262-2		0.066	0.071	-7.6	103	0.00
48	l8	1262-3		0.060	0.063	-5.0	101	0.00
49	l8	1262-4		0.112	0.120	-7.1	103	0.00
50	l8	1262-5		0.038	0.042	-10.5	105	0.00

Evaluate Continuing Calibration Report - Not Founds

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.17#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample   : cicv3262,42e,,pp 12230 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
2	s	2,4,5,6-Tetrachloro-m-xylen		1.229	0.000	100.0#	0#	-1.45#
3	s	Decachlorobiphenyl		1.082	0.000	100.0#	0#	-3.99#
4	l1	1016-1		0.021	0.000	100.0#	0#	-1.58#
5	l1	1016-2		0.049	0.000	100.0#	0#	-1.72#
6	l1	1016-3		0.101	0.000	100.0#	0#	-1.91#
7	l1	1016-4		0.040	0.000	100.0#	0#	-1.96#
8	l1	1016-5		0.042	0.000	100.0#	0#	-2.13#
9	l2	1260-1		0.064	0.000	100.0#	0#	-2.66#
10	l2	1260-2		0.100	0.000	100.0#	0#	-2.79#
11	l2	1260-3		0.050	0.000	100.0#	0#	-3.11#
12	l2	1260-4		0.114	0.000	100.0#	0#	-3.26#
13	l2	1260-5		0.085	0.000	100.0#	0#	-3.41#
14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.16#
15	l3	1221-1		0.011	0.000	100.0#	0#	-1.50#
16	l3	1221-2		0.00664	0.00000	100.0#	0#	-1.56#
17	l3	1221-3		0.027	0.000	100.0#	0#	-1.58#
18	l4	1254-1		0.040	0.000	100.0#	0#	-2.29#
19	l4	1254-2		0.074	0.000	100.0#	0#	-2.40#
20	l4	1254-3		0.075	0.000	100.0#	0#	-2.58#
21	l4	1254-4		0.054	0.000	100.0#	0#	-2.71#
22	l4	1254-5		0.073	0.000	100.0#	0#	-2.93#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.16#
24	l6	1242-1		0.015	0.000	100.0#	0#	-1.58#
25	l6	1242-2		0.035	0.000	100.0#	0#	-1.72#
26	l6	1242-3		0.073	0.000	100.0#	0#	-1.90#
27	l6	1242-4		0.030	0.000	100.0#	0#	-1.96#
28	l6	1242-5		0.024	0.000	100.0#	0#	-2.31#
29	l9	1268-1		0.160	0.000	100.0#	0#	-3.42#
30	l9	1268-2		0.161	0.000	100.0#	0#	-3.44#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample   : cicv3262,42e,,pp 12230 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
31	l9	1268-3		0.114	0.000	100.0#	0#	-3.54#
32	l9	1268-4		0.047	0.000	100.0#	0#	-3.73#
33	l9	1268-5		0.318	0.000	100.0#	0#	-3.88#
34	i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.16#
35	l7	1248-1		0.053	0.000	100.0#	0#	-1.90#
36	l7	1248-2		0.058	0.000	100.0#	0#	-2.03#
37	l7	1248-3		0.052	0.000	100.0#	0#	-2.13#
38	l7	1248-4		0.047	0.000	100.0#	0#	-2.31#
39	l7	1248-5		0.049	0.000	100.0#	0#	-2.32#

Signal #2

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.22#
2	s	2,4,5,6-Tetrachloro-m-xyl		1.308	0.000	100.0#	0#	-1.58#
3	s	Decachlorobiphenyl		0.864	0.000	100.0#	0#	-4.46#
4	l1	1016-1		0.024	0.000	100.0#	0#	-1.77#
5	l1	1016-2		0.054	0.000	100.0#	0#	-1.94#
6	l1	1016-3		0.112	0.000	100.0#	0#	-2.14#
7	l1	1016-4		0.044	0.000	100.0#	0#	-2.20#
8	l1	1016-5		0.033	0.000	100.0#	0#	-2.40#
9	l2	1260-1		0.069	0.000	100.0#	0#	-3.00#
10	l2	1260-2		0.078	0.000	100.0#	0#	-3.10#
11	l2	1260-3		0.057	0.000	100.0#	0#	-3.49#
12	l2	1260-4		0.109	0.000	100.0#	0#	-3.62#
13	l2	1260-5		0.076	0.000	100.0#	0#	-3.82#
14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.21#
15	l3	1221-1		0.012	0.000	100.0#	0#	-1.69#
16	l3	1221-2		0.00730	0.00000	100.0#	0#	-1.75#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample   : cicv3262,42e,,pp 12230 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
17	l3	1221-3		0.028	0.000	100.0#	0#	-1.77#
18	l4	1254-1		0.022	0.000	100.0#	0#	-2.57#
19	l4	1254-2		0.050	0.000	100.0#	0#	-2.68#
20	l4	1254-3		0.079	0.000	100.0#	0#	-2.91#
21	l4	1254-4		0.052	0.000	100.0#	0#	-3.02#
22	l4	1254-5		0.068	0.000	100.0#	0#	-3.29#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.21#
24	l6	1242-1		0.016	0.000	100.0#	0#	-1.77#
25	l6	1242-2		0.036	0.000	100.0#	0#	-1.94#
26	l6	1242-3		0.071	0.000	100.0#	0#	-2.13#
27	l6	1242-4		0.028	0.000	100.0#	0#	-2.19#
28	l6	1242-5		0.023	0.000	100.0#	0#	-2.57#
29	l9	1268-1		0.128	0.000	100.0#	0#	-3.81#
30	l9	1268-2		0.135	0.000	100.0#	0#	-3.84#
31	l9	1268-3		0.092	0.000	100.0#	0#	-3.98#
32	l9	1268-4		0.039	0.000	100.0#	0#	-4.13#
33	l9	1268-5		0.224	0.000	100.0#	0#	-4.31#
34	i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.21#
35	l7	1248-1		0.054	0.000	100.0#	0#	-2.13#
36	l7	1248-2		0.029	0.000	100.0#	0#	-2.28#
37	l7	1248-3		0.037	0.000	100.0#	0#	-2.40#
38	l7	1248-4		0.044	0.000	100.0#	0#	-2.57#
39	l7	1248-5		0.053	0.000	100.0#	0#	-2.60#

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0
(^) = ISTD area calculated using ICAL average

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample : cicv3262,42e,,pp 12230 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	1.167	1.217	537.3E6	518.1E6	25.000M3	25.000M3
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D.	N.D.
	Spiked Amount	50.000	Range 30 - 150	Recovery	=	0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample : cicv3262,42e,,pp 12230 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample : cicv3262,42e,,pp 12230 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	1.581	1.774	114.3E6	113.5E6	229.259	231.475
42) l5	1232-2	1.720	1.941	106.2E6	113.8E6	270.604	268.426
43) l5	1232-3	1.906	2.137	221.9E6	222.9E6	260.275	265.457
44) l5	1232-4	1.960	2.197	91553206	88922767	265.362M1	264.873
45) l5	1232-5	2.308	2.577	65278461	63720806	236.213	243.145
Sum	1232-1			599.3E6	602.9E6	1261.714	1273.376
Average	1232-1					252.343	254.675
46) l8	1262-1	2.794	3.105	342.3E6	260.8E6	264.127	267.969
47) l8	1262-2	2.984	3.336	436.5E6	367.5E6	265.058	269.042
48) l8	1262-3	3.107	3.493	381.6E6	328.9E6	262.198	265.016
49) l8	1262-4	3.261	3.622	795.1E6	623.4E6	265.900	268.870
50) l8	1262-5	3.733	4.135	257.6E6	219.2E6	263.821	275.746
Sum	1262-1			2213.1E6	1799.8E6	1321.103	1346.643
Average	1262-1					264.221	269.329

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			2213.1E6	1799.8E6	1321.103	1346.643
Average	1262-1					264.221	269.329

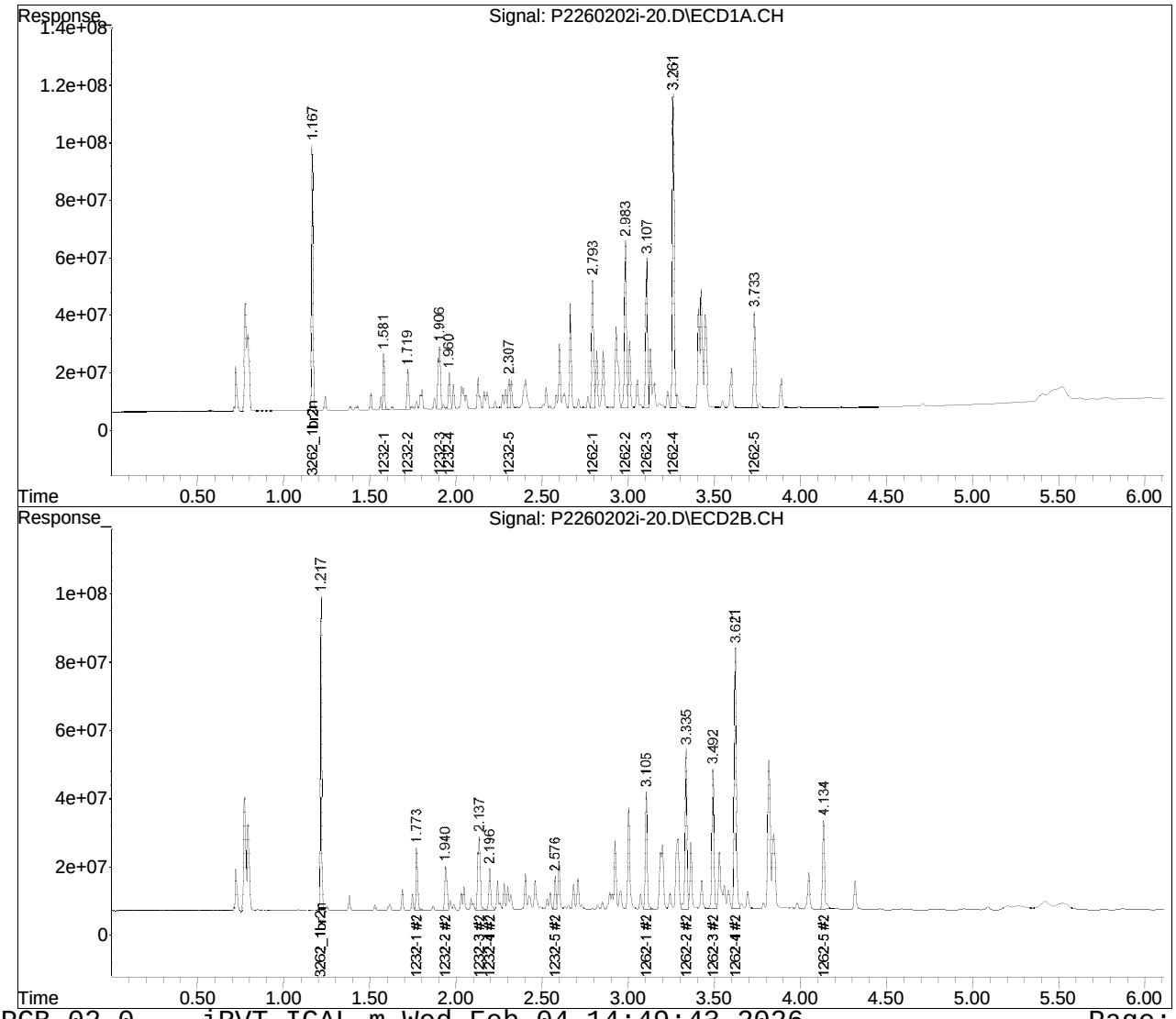
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:32
Operator : pest2:sdc
Sample : cicv3262,42e,,pp 12230 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 20 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:50:28 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:49:42 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

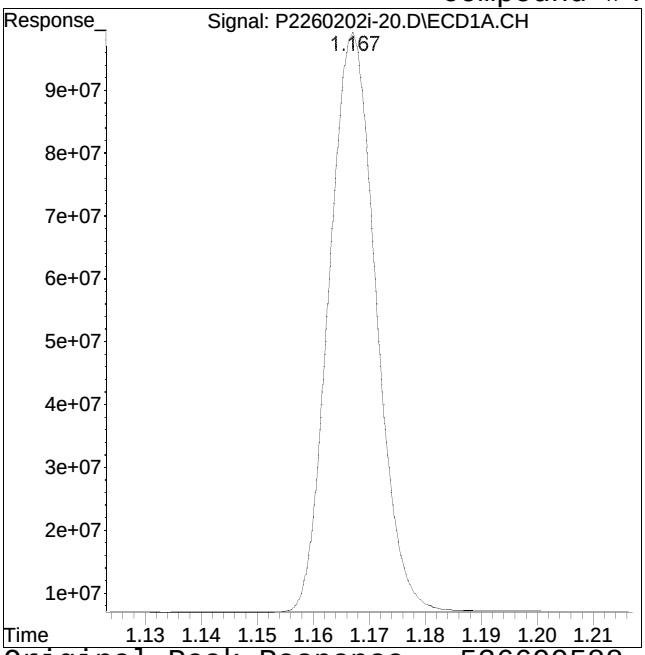
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

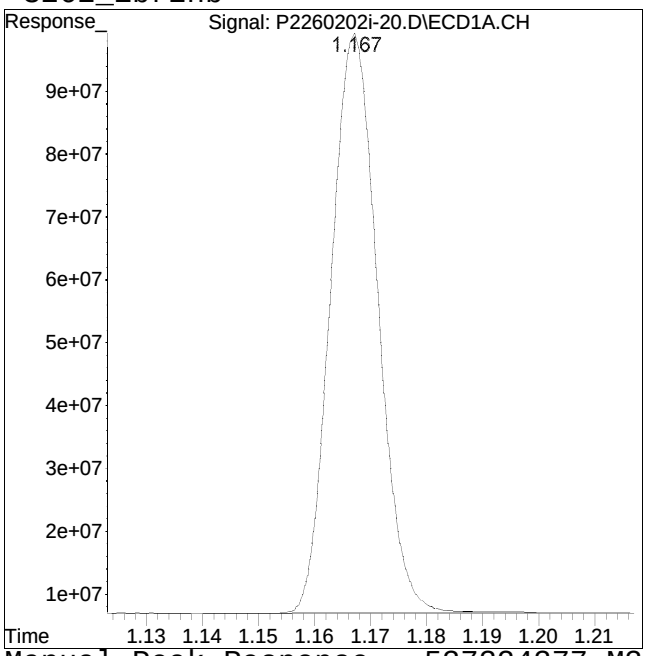


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-20.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:32 Instrument : Pest 2
Sample : cicv3262,42e,,pp 12230 L25Quant Date : 2/4/2026 11:50 am

Compound #40: 3262_1br2nb



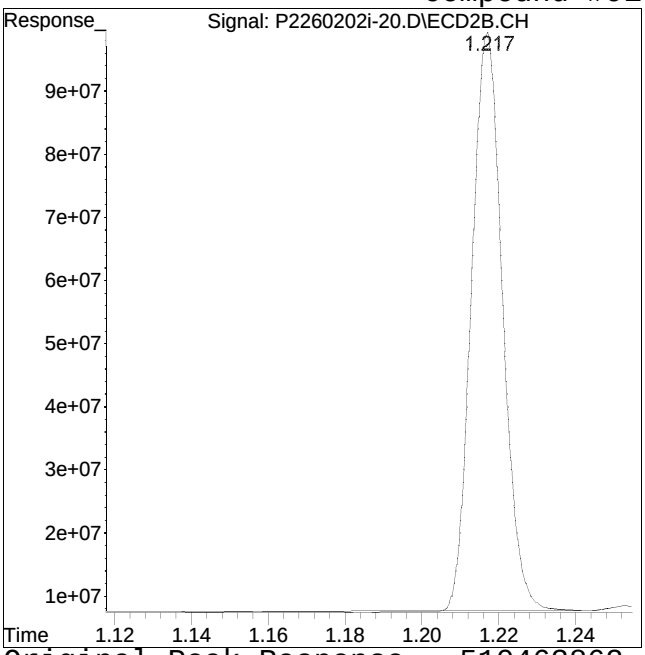


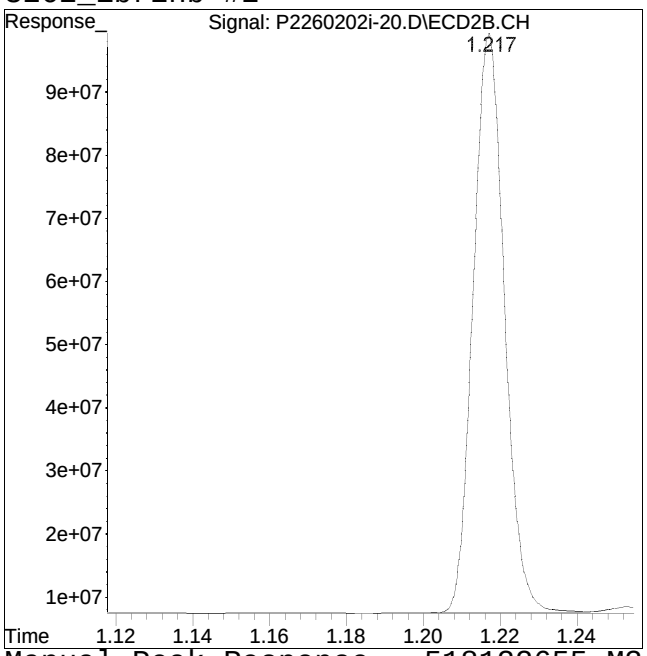
Original Peak Response = 536699588 Manual Peak Response = 537324377 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-20.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:32 Instrument : Pest 2
Sample : cicv3262,42e,,pp 12230 L25Quant Date : 2/4/2026 11:50 am

Compound #91: 3262_1br2nb #2



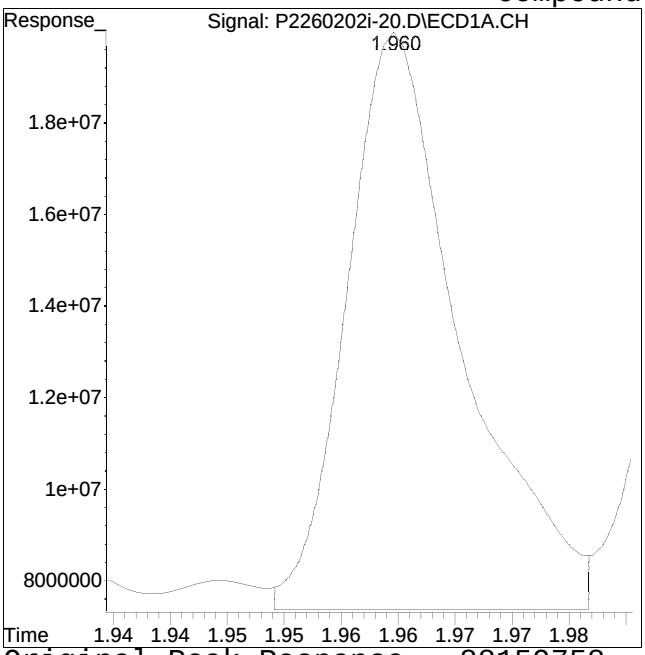


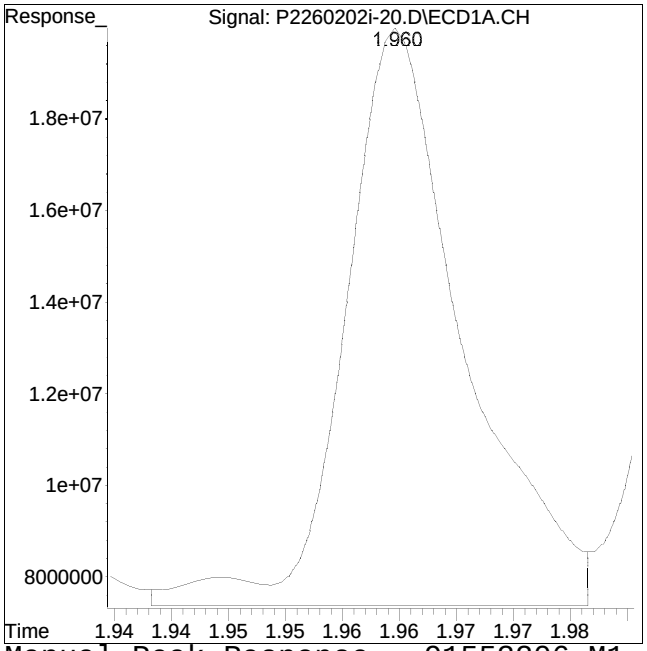
Original Peak Response = 510463862 Manual Peak Response = 518122655 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-20.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:32 Instrument : Pest 2
Sample : cicv3262,42e,,pp 12230 L25Quant Date : 2/4/2026 11:50 am

Compound #44: 1232-4





Original Peak Response = 88159758 Manual Peak Response = 91553206 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample   : cicv1248,42e,,pp 12228 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
34	i	1248_1br2nb	^	1.000	1.000	0.0	102	0.00
35	l7	1248-1		0.053	0.047	11.3	91	0.00
36	l7	1248-2		0.058	0.060	-3.4	106	0.00
37	l7	1248-3		0.052	0.054	-3.8	108	0.00
38	l7	1248-4		0.047	0.050	-6.4	107	0.00
39	l7	1248-5		0.049	0.046	6.1	98	0.00

Signal #2

34	i	1248_1br2nb	^	1.000	1.000	0.0	106	0.00
35	l7	1248-1		0.054	0.049	9.3	96	0.00
36	l7	1248-2		0.029	0.032	-10.3	115	0.00
37	l7	1248-3		0.037	0.041	-10.8	116	0.00
38	l7	1248-4		0.044	0.046	-4.5	111	0.00
39	l7	1248-5		0.053	0.054	-1.9	107	0.00

Evaluate Continuing Calibration Report - Not Founds

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.17#
2	s	2,4,5,6-Tetrachloro-m-xylen		1.229	0.000	100.0#	0#	-1.45#
3	s	Decachlorobiphenyl		1.082	0.000	100.0#	0#	-3.99#
4	l1	1016-1		0.021	0.000	100.0#	0#	-1.58#
5	l1	1016-2		0.049	0.000	100.0#	0#	-1.72#
6	l1	1016-3		0.101	0.000	100.0#	0#	-1.91#
7	l1	1016-4		0.040	0.000	100.0#	0#	-1.96#
8	l1	1016-5		0.042	0.000	100.0#	0#	-2.13#
9	l2	1260-1		0.064	0.000	100.0#	0#	-2.66#
10	l2	1260-2		0.100	0.000	100.0#	0#	-2.79#
11	l2	1260-3		0.050	0.000	100.0#	0#	-3.11#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample   : cicv1248,42e,,pp 12228 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
12	l2	1260-4		0.114	0.000	100.0#	0#	-3.26#
13	l2	1260-5		0.085	0.000	100.0#	0#	-3.41#
14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.16#
15	l3	1221-1		0.011	0.000	100.0#	0#	-1.50#
16	l3	1221-2		0.00664	0.00000	100.0#	0#	-1.56#
17	l3	1221-3		0.027	0.000	100.0#	0#	-1.58#
18	l4	1254-1		0.040	0.000	100.0#	0#	-2.29#
19	l4	1254-2		0.074	0.000	100.0#	0#	-2.40#
20	l4	1254-3		0.075	0.000	100.0#	0#	-2.58#
21	l4	1254-4		0.054	0.000	100.0#	0#	-2.71#
22	l4	1254-5		0.073	0.000	100.0#	0#	-2.93#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.16#
24	l6	1242-1		0.015	0.000	100.0#	0#	-1.58#
25	l6	1242-2		0.035	0.000	100.0#	0#	-1.72#
26	l6	1242-3		0.073	0.000	100.0#	0#	-1.90#
27	l6	1242-4		0.030	0.000	100.0#	0#	-1.96#
28	l6	1242-5		0.024	0.000	100.0#	0#	-2.31#
29	l9	1268-1		0.160	0.000	100.0#	0#	-3.42#
30	l9	1268-2		0.161	0.000	100.0#	0#	-3.44#
31	l9	1268-3		0.114	0.000	100.0#	0#	-3.54#
32	l9	1268-4		0.047	0.000	100.0#	0#	-3.73#
33	l9	1268-5		0.318	0.000	100.0#	0#	-3.88#
40	i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.16#
41	l5	1232-1		0.023	0.000	100.0#	0#	-1.58#
42	l5	1232-2		0.018	0.000	100.0#	0#	-1.72#
43	l5	1232-3		0.040	0.000	100.0#	0#	-1.90#
44	l5	1232-4		0.016	0.000	100.0#	0#	-1.96#
45	l5	1232-5		0.013	0.000	100.0#	0#	-2.31#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample   : cicv1248,42e,,pp 12228 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
46	l8	1262-1		0.060	0.000	100.0#	0#	-2.79#
47	l8	1262-2		0.077	0.000	100.0#	0#	-2.98#
48	l8	1262-3		0.068	0.000	100.0#	0#	-3.11#
49	l8	1262-4		0.139	0.000	100.0#	0#	-3.26#
50	l8	1262-5		0.045	0.000	100.0#	0#	-3.73#

Signal #2

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.22#
2	s	2,4,5,6-Tetrachloro-m-xyl		1.308	0.000	100.0#	0#	-1.58#
3	s	Decachlorobiphenyl		0.864	0.000	100.0#	0#	-4.46#
4	l1	1016-1		0.024	0.000	100.0#	0#	-1.77#
5	l1	1016-2		0.054	0.000	100.0#	0#	-1.94#
6	l1	1016-3		0.112	0.000	100.0#	0#	-2.14#
7	l1	1016-4		0.044	0.000	100.0#	0#	-2.20#
8	l1	1016-5		0.033	0.000	100.0#	0#	-2.40#
9	l2	1260-1		0.069	0.000	100.0#	0#	-3.00#
10	l2	1260-2		0.078	0.000	100.0#	0#	-3.10#
11	l2	1260-3		0.057	0.000	100.0#	0#	-3.49#
12	l2	1260-4		0.109	0.000	100.0#	0#	-3.62#
13	l2	1260-5		0.076	0.000	100.0#	0#	-3.82#
14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.21#
15	l3	1221-1		0.012	0.000	100.0#	0#	-1.69#
16	l3	1221-2		0.00730	0.00000	100.0#	0#	-1.75#
17	l3	1221-3		0.028	0.000	100.0#	0#	-1.77#
18	l4	1254-1		0.022	0.000	100.0#	0#	-2.57#
19	l4	1254-2		0.050	0.000	100.0#	0#	-2.68#
20	l4	1254-3		0.079	0.000	100.0#	0#	-2.91#
21	l4	1254-4		0.052	0.000	100.0#	0#	-3.02#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample   : cicv1248,42e,,pp 12228 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
22	l4	1254-5		0.068	0.000	100.0#	0#	-3.29#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.21#
24	l6	1242-1		0.016	0.000	100.0#	0#	-1.77#
25	l6	1242-2		0.036	0.000	100.0#	0#	-1.94#
26	l6	1242-3		0.071	0.000	100.0#	0#	-2.13#
27	l6	1242-4		0.028	0.000	100.0#	0#	-2.19#
28	l6	1242-5		0.023	0.000	100.0#	0#	-2.57#
29	l9	1268-1		0.128	0.000	100.0#	0#	-3.81#
30	l9	1268-2		0.135	0.000	100.0#	0#	-3.84#
31	l9	1268-3		0.092	0.000	100.0#	0#	-3.98#
32	l9	1268-4		0.039	0.000	100.0#	0#	-4.13#
33	l9	1268-5		0.224	0.000	100.0#	0#	-4.31#
40	i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.21#
41	l5	1232-1		0.024	0.000	100.0#	0#	-1.77#
42	l5	1232-2		0.020	0.000	100.0#	0#	-1.94#
43	l5	1232-3		0.041	0.000	100.0#	0#	-2.13#
44	l5	1232-4		0.016	0.000	100.0#	0#	-2.19#
45	l5	1232-5		0.013	0.000	100.0#	0#	-2.57#
46	l8	1262-1		0.047	0.000	100.0#	0#	-3.10#
47	l8	1262-2		0.066	0.000	100.0#	0#	-3.33#
48	l8	1262-3		0.060	0.000	100.0#	0#	-3.49#
49	l8	1262-4		0.112	0.000	100.0#	0#	-3.62#
50	l8	1262-5		0.038	0.000	100.0#	0#	-4.13#

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0
(^) = ISTD area calculated using ICAL average

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample : cicv1248,42e,,pp 12228 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	1.167	1.217	552.4E6	532.7E6	25.000M3	25.000M3
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D.	N.D.
Spiked Amount	50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D.	N.D.
Spiked Amount	50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D.	N.D.
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000
15) l3	1221-1	0.000	0.000	0	0	N.D.	N.D.
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample : cicv1248,42e,,pp 12228 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D.	N.D.
30) l9	1268-2	0.000	0.000	0	0	N.D.	N.D.
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	1.898	2.135	262.2E6	261.3E6	223.426	227.779
36) l7	1248-2	2.033	2.281	334.1E6	169.0E6	261.295M1	270.972
37) l7	1248-3	2.127	2.404	300.6E6	216.5E6	263.985	274.164
38) l7	1248-4	2.308	2.577	275.7E6	245.9E6	263.811	263.482

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample : cicv1248,42e,,pp 12228 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
39) l7	1248-5	2.320	2.599	256.8E6	287.6E6	239.474	254.347
Sum	1248-1			1429.2E6	1180.2E6	N.D.	N.D. D
Average	1248-1					250.398	258.149
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D.	N.D.
48) l8	1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8	1262-4	0.000	0.000	0	0	N.D.	N.D.
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

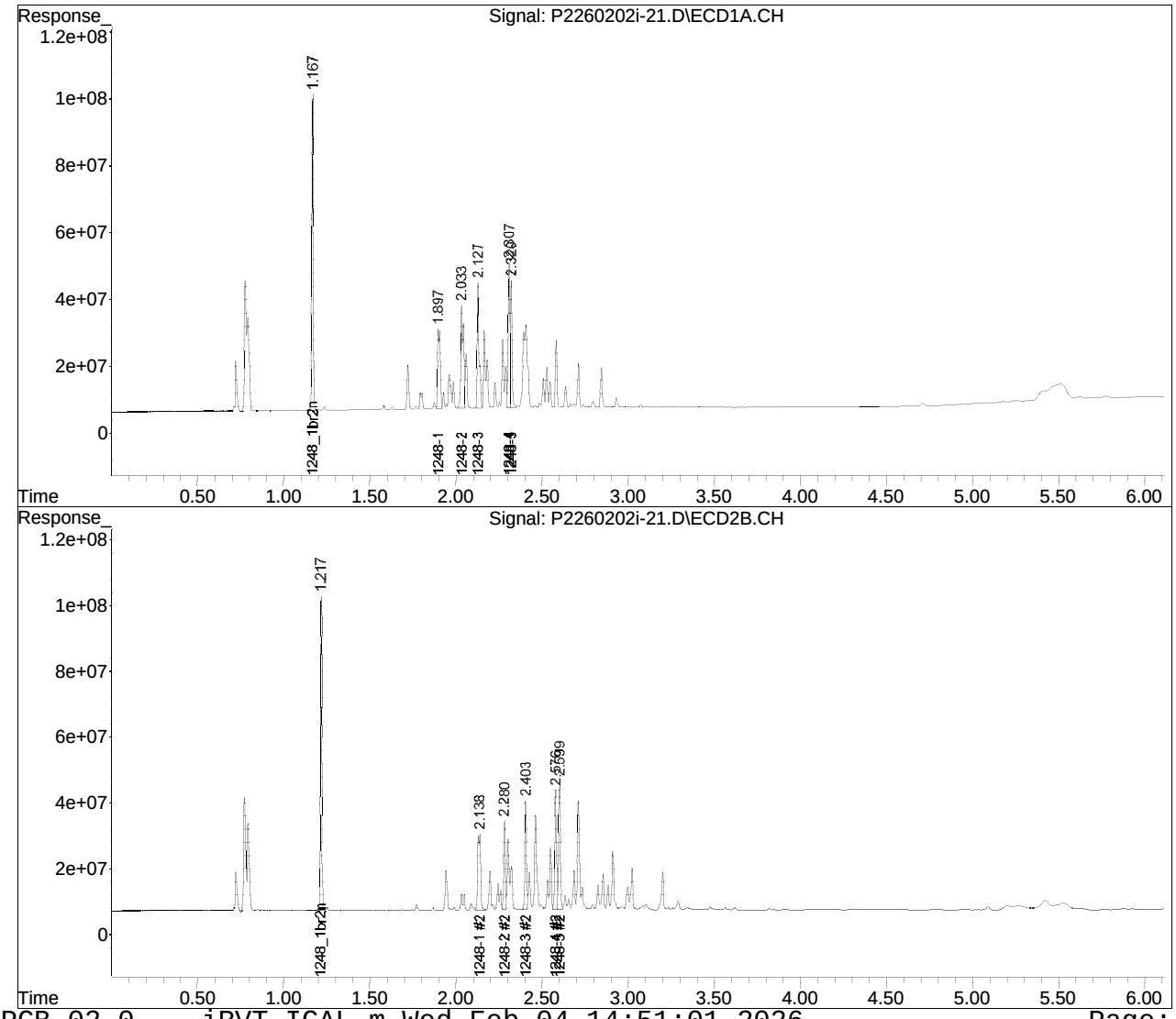
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:41
Operator : pest2:sdc
Sample : cicv1248,42e,,pp 12228 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 11:56:46 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 11:56:15 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

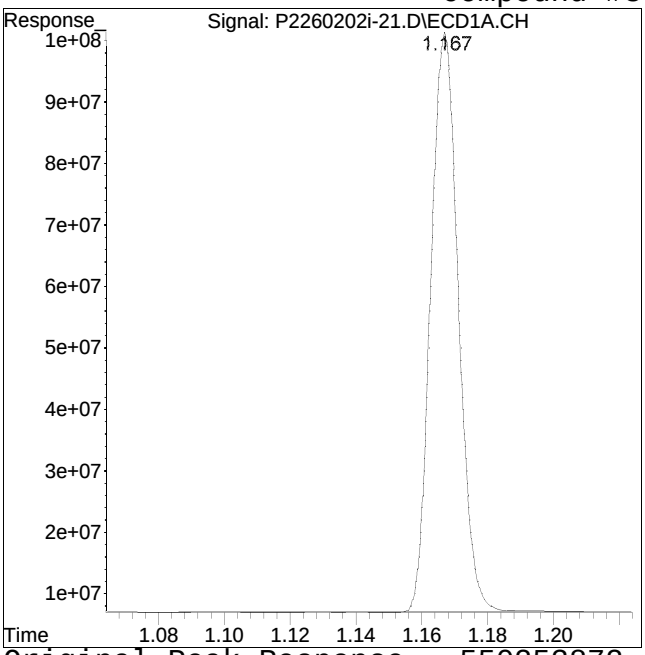
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

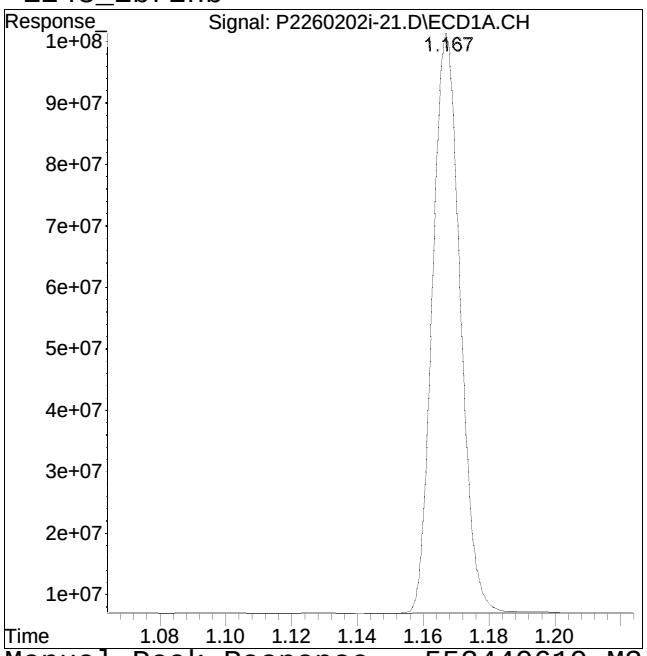


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-21.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:41 Instrument : Pest 2
Sample : cicv1248,42e,,pp 12228 L25Quant Date : 2/4/2026 11:56 am

Compound #34: 1248_1br2nb



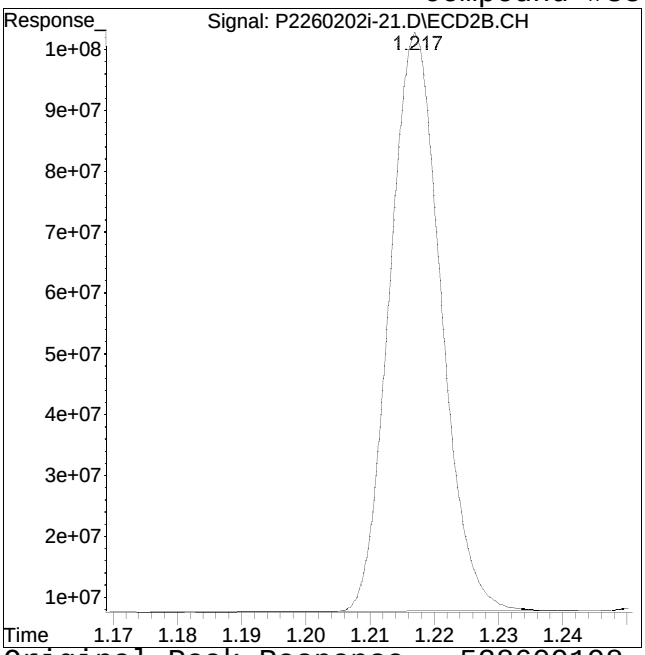


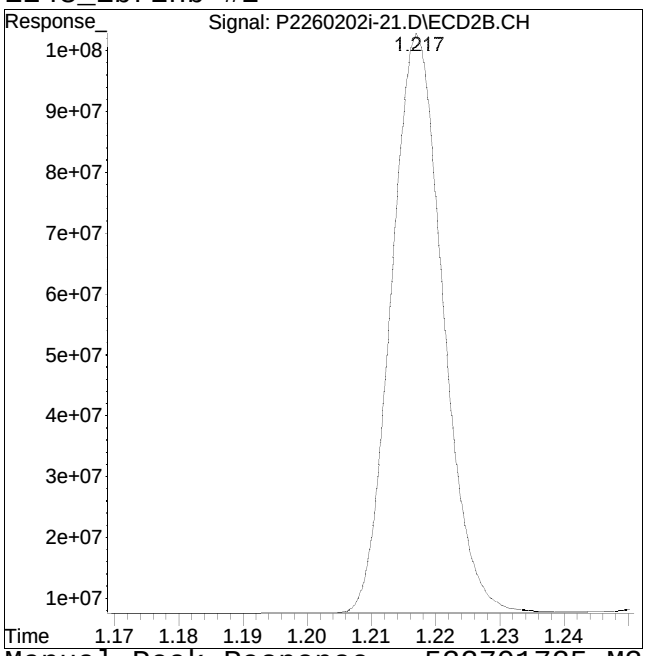
Original Peak Response = 550253872 Manual Peak Response = 552440619 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-21.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:41 Instrument : Pest 2
Sample : cicv1248,42e,,pp 12228 L25Quant Date : 2/4/2026 11:56 am

Compound #85: 1248_1br2nb #2



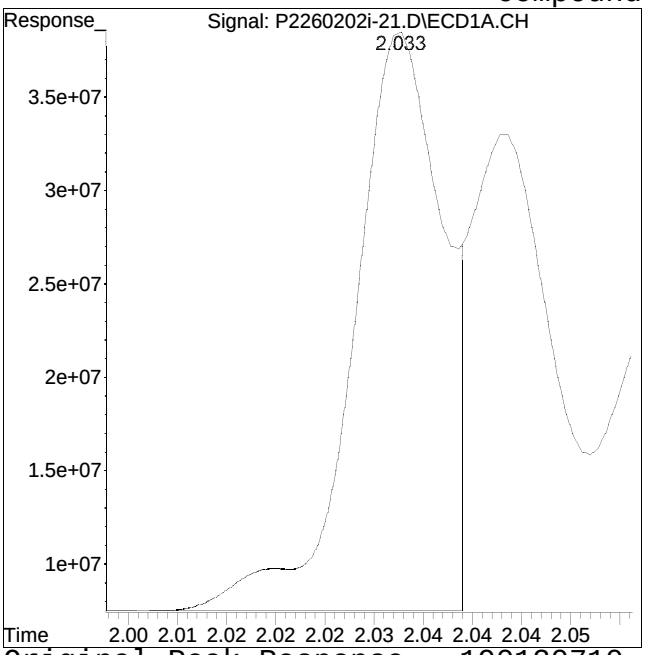


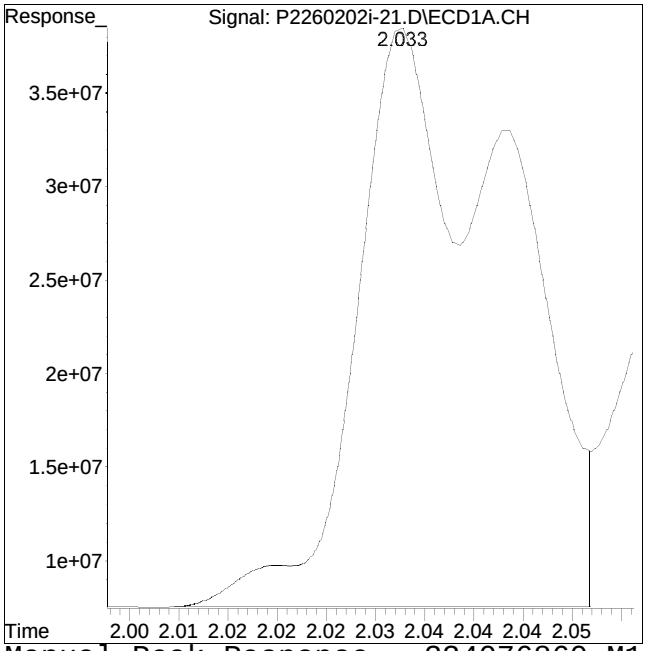
Original Peak Response = 528609198 Manual Peak Response = 532701725 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-21.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:41 Instrument : Pest 2
Sample : cicv1248,42e,,pp 12228 L25Quant Date : 2/4/2026 11:56 am

Compound #36: 1248-2





Original Peak Response = 190120710 Manual Peak Response = 334076860 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample   : cicv2154,42e,,pp 12227 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
14	i	2154_1br2nb	^	1.000	1.000	0.0	103	0.00
15	l3	1221-1		0.011	0.012	-9.1	109	0.00
16	l3	1221-2		0.00664	0.00707	-6.5	109	0.00
17	l3	1221-3		0.027	0.029	-7.4	110	0.00
18	l4	1254-1		0.040	0.044	-10.0	113	0.00
19	l4	1254-2		0.074	0.079	-6.8	110	0.00
20	l4	1254-3		0.075	0.080	-6.7	109	0.00
21	l4	1254-4		0.054	0.062	-14.8	117	0.00
22	l4	1254-5		0.073	0.086	-17.8	121	0.00

Signal #2

14	i	2154_1br2nb	^	1.000	1.000	0.0	112	0.00
15	l3	1221-1		0.012	0.012	0.0	114	0.00
16	l3	1221-2		0.00730	0.00768	-5.2	118	0.00
17	l3	1221-3		0.028	0.029	-3.6	115	0.00
18	l4	1254-1		0.022	0.020	9.1	103	0.00
19	l4	1254-2		0.050	0.053	-6.0	118	0.00
20	l4	1254-3		0.079	0.081	-2.5	116	0.00
21	l4	1254-4		0.052	0.055	-5.8	116	0.00
22	l4	1254-5		0.068	0.075	-10.3	125	0.00

Evaluate Continuing Calibration Report - Not Founds

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.17#
2	s	2,4,5,6-Tetrachloro-m-xylen		1.229	0.000	100.0#	0#	-1.45#
3	s	Decachlorobiphenyl		1.082	0.000	100.0#	0#	-3.99#
4	l1	1016-1		0.021	0.000	100.0#	0#	-1.58#
5	l1	1016-2		0.049	0.000	100.0#	0#	-1.72#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample   : cicv2154,42e,,pp 12227 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
6	l1	1016-3		0.101	0.000	100.0#	0#	-1.91#
7	l1	1016-4		0.040	0.000	100.0#	0#	-1.96#
8	l1	1016-5		0.042	0.000	100.0#	0#	-2.13#
9	l2	1260-1		0.064	0.000	100.0#	0#	-2.66#
10	l2	1260-2		0.100	0.000	100.0#	0#	-2.79#
11	l2	1260-3		0.050	0.000	100.0#	0#	-3.11#
12	l2	1260-4		0.114	0.000	100.0#	0#	-3.26#
13	l2	1260-5		0.085	0.000	100.0#	0#	-3.41#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.16#
24	l6	1242-1		0.015	0.000	100.0#	0#	-1.58#
25	l6	1242-2		0.035	0.000	100.0#	0#	-1.72#
26	l6	1242-3		0.073	0.000	100.0#	0#	-1.90#
27	l6	1242-4		0.030	0.000	100.0#	0#	-1.96#
28	l6	1242-5		0.024	0.000	100.0#	0#	-2.31#
29	l9	1268-1		0.160	0.000	100.0#	0#	-3.42#
30	l9	1268-2		0.161	0.000	100.0#	0#	-3.44#
31	l9	1268-3		0.114	0.000	100.0#	0#	-3.54#
32	l9	1268-4		0.047	0.000	100.0#	0#	-3.73#
33	l9	1268-5		0.318	0.000	100.0#	0#	-3.88#
34	i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.16#
35	l7	1248-1		0.053	0.000	100.0#	0#	-1.90#
36	l7	1248-2		0.058	0.000	100.0#	0#	-2.03#
37	l7	1248-3		0.052	0.000	100.0#	0#	-2.13#
38	l7	1248-4		0.047	0.000	100.0#	0#	-2.31#
39	l7	1248-5		0.049	0.000	100.0#	0#	-2.32#
40	i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.16#
41	l5	1232-1		0.023	0.000	100.0#	0#	-1.58#
42	l5	1232-2		0.018	0.000	100.0#	0#	-1.72#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample   : cicv2154,42e,,pp 12227 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
43	l5	1232-3		0.040	0.000	100.0#	0#	-1.90#
44	l5	1232-4		0.016	0.000	100.0#	0#	-1.96#
45	l5	1232-5		0.013	0.000	100.0#	0#	-2.31#
46	l8	1262-1		0.060	0.000	100.0#	0#	-2.79#
47	l8	1262-2		0.077	0.000	100.0#	0#	-2.98#
48	l8	1262-3		0.068	0.000	100.0#	0#	-3.11#
49	l8	1262-4		0.139	0.000	100.0#	0#	-3.26#
50	l8	1262-5		0.045	0.000	100.0#	0#	-3.73#

Signal #2

1	i	1660_1br2nb	^	1.000	1.000	0.0	0	-1.22#
2	s	2,4,5,6-Tetrachloro-m-xyl		1.308	0.000	100.0#	0#	-1.58#
3	s	Decachlorobiphenyl		0.864	0.000	100.0#	0#	-4.46#
4	l1	1016-1		0.024	0.000	100.0#	0#	-1.77#
5	l1	1016-2		0.054	0.000	100.0#	0#	-1.94#
6	l1	1016-3		0.112	0.000	100.0#	0#	-2.14#
7	l1	1016-4		0.044	0.000	100.0#	0#	-2.20#
8	l1	1016-5		0.033	0.000	100.0#	0#	-2.40#
9	l2	1260-1		0.069	0.000	100.0#	0#	-3.00#
10	l2	1260-2		0.078	0.000	100.0#	0#	-3.10#
11	l2	1260-3		0.057	0.000	100.0#	0#	-3.49#
12	l2	1260-4		0.109	0.000	100.0#	0#	-3.62#
13	l2	1260-5		0.076	0.000	100.0#	0#	-3.82#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.21#
24	l6	1242-1		0.016	0.000	100.0#	0#	-1.77#
25	l6	1242-2		0.036	0.000	100.0#	0#	-1.94#
26	l6	1242-3		0.071	0.000	100.0#	0#	-2.13#
27	l6	1242-4		0.028	0.000	100.0#	0#	-2.19#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample   : cicv2154,42e,,pp 12227 L250ICVRVT
Misc   : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

	Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
28 l6	1242-5		0.023	0.000	100.0#	0#	-2.57#
29 l9	1268-1		0.128	0.000	100.0#	0#	-3.81#
30 l9	1268-2		0.135	0.000	100.0#	0#	-3.84#
31 l9	1268-3		0.092	0.000	100.0#	0#	-3.98#
32 l9	1268-4		0.039	0.000	100.0#	0#	-4.13#
33 l9	1268-5		0.224	0.000	100.0#	0#	-4.31#
34 i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.21#
35 l7	1248-1		0.054	0.000	100.0#	0#	-2.13#
36 l7	1248-2		0.029	0.000	100.0#	0#	-2.28#
37 l7	1248-3		0.037	0.000	100.0#	0#	-2.40#
38 l7	1248-4		0.044	0.000	100.0#	0#	-2.57#
39 l7	1248-5		0.053	0.000	100.0#	0#	-2.60#
40 i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.21#
41 l5	1232-1		0.024	0.000	100.0#	0#	-1.77#
42 l5	1232-2		0.020	0.000	100.0#	0#	-1.94#
43 l5	1232-3		0.041	0.000	100.0#	0#	-2.13#
44 l5	1232-4		0.016	0.000	100.0#	0#	-2.19#
45 l5	1232-5		0.013	0.000	100.0#	0#	-2.57#
46 l8	1262-1		0.047	0.000	100.0#	0#	-3.10#
47 l8	1262-2		0.066	0.000	100.0#	0#	-3.33#
48 l8	1262-3		0.060	0.000	100.0#	0#	-3.49#
49 l8	1262-4		0.112	0.000	100.0#	0#	-3.62#
50 l8	1262-5		0.038	0.000	100.0#	0#	-4.13#

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0
(^) = ISTD area calculated using ICAL average

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample : cicv2154,42e,,pp 12227 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
14) i	2154_1br2nb	1.167	1.217	540.0E6	546.9E6	25.000M3	25.000M3
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount 50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
3) s	Decachlorobi	0.000	0.000	0	0	N.D.	N.D.
	Spiked Amount 50.000	Range 30 - 150		Recovery =		0.00%#	0.00%#
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000
15) l3	1221-1	1.507	1.690	63973770	66646013	264.778M3	256.017M4

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample : cicv2154,42e,,pp 12227 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
16) l3	1221-2	1.565	1.748	38157684	41989920	266.016M3	263.112M3
17) l3	1221-3	1.582	1.773	158.3E6	157.5E6	267.055	256.247M3
Sum	1221-1			260.4E6	266.1E6	797.850	775.376
Average	1221-1					265.950	258.459
18) l4	1254-1	2.290	2.577	237.7E6	110.9E6	274.808	229.841
19) l4	1254-2	2.401	2.683	426.5E6	287.7E6	267.712	264.702
20) l4	1254-3	2.582	2.909	429.4E6	444.5E6	265.463	258.794
21) l4	1254-4	2.711	3.018	333.1E6	298.3E6	284.243	260.057M3
22) l4	1254-5	2.931	3.291	465.8E6	411.8E6	294.406	278.760
Sum	1254-1			1892.5E6	1553.2E6	N.D.	N.D. D
Average	1254-1					277.326	258.431
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9	1268-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample : cicv2154,42e,,pp 12227 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument							
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

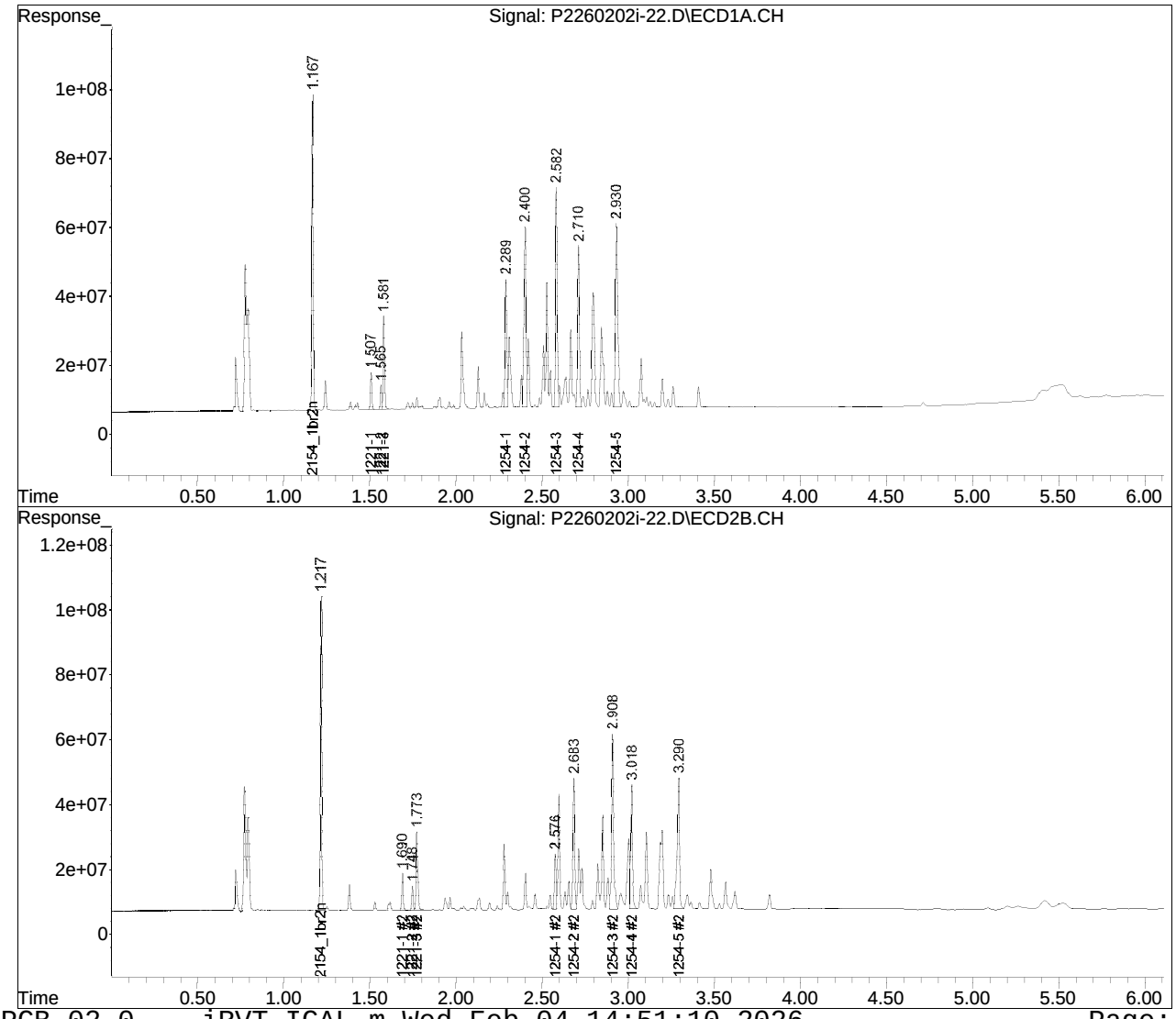
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 11:50
Operator : pest2:sdc
Sample : cicv2154,42e,,pp 12227 L250ICVRVT
Misc : WG2172252,, (Sig #1); ,,ICAL (Sig #2)
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 12:03:18 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 12:02:47 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

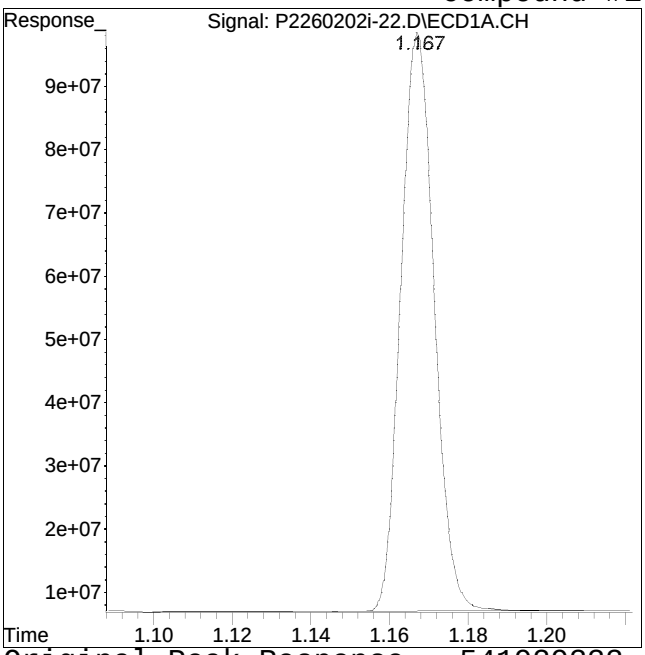
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

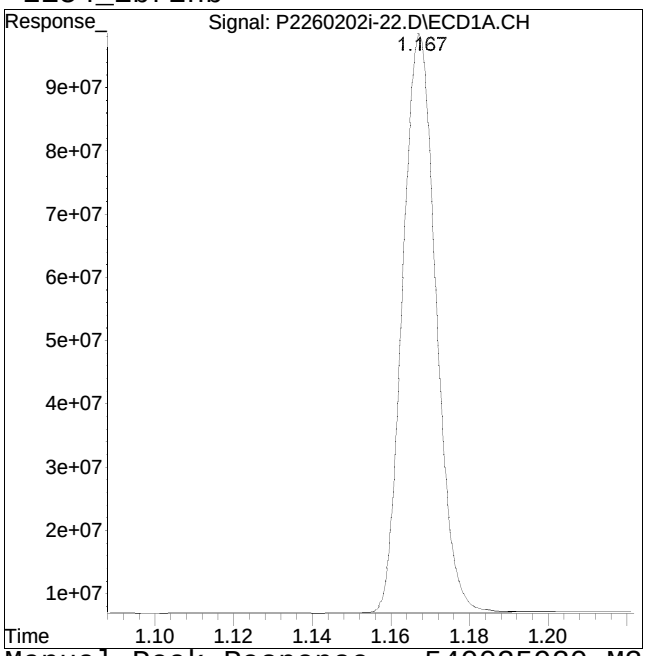


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #14: 2154_1br2nb



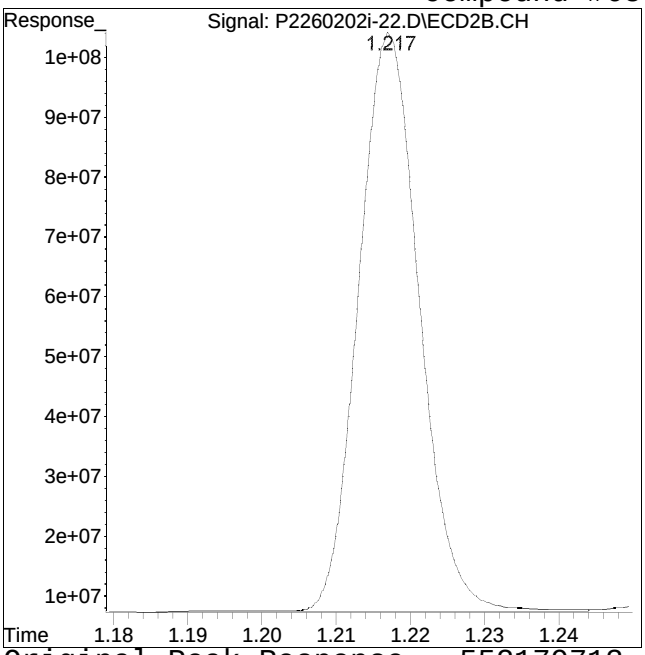


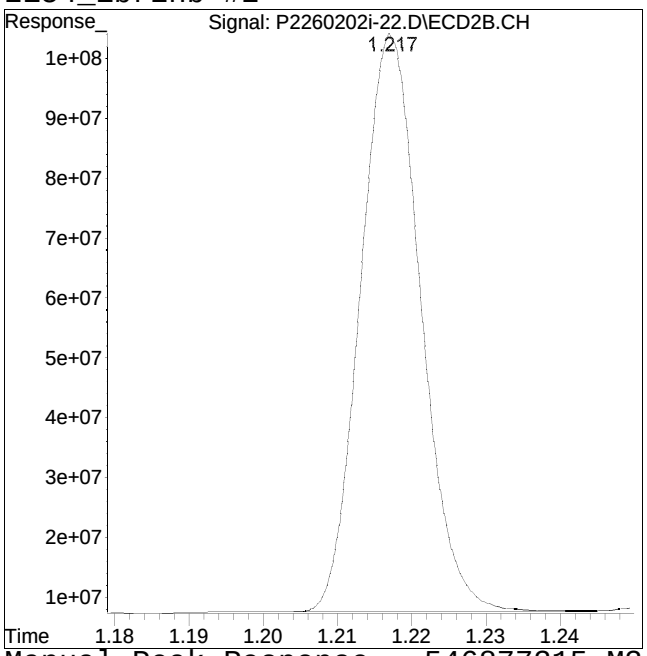
Original Peak Response = 541929333 Manual Peak Response = 540025920 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #65: 2154_1br2nb #2



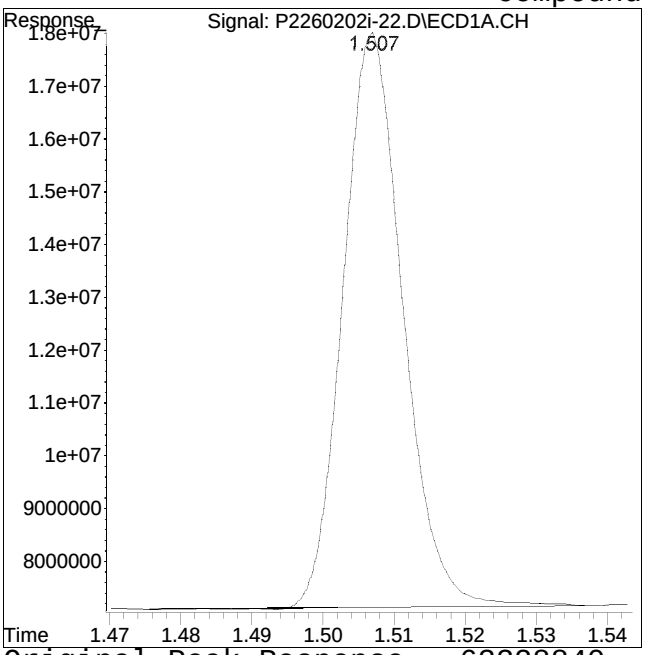


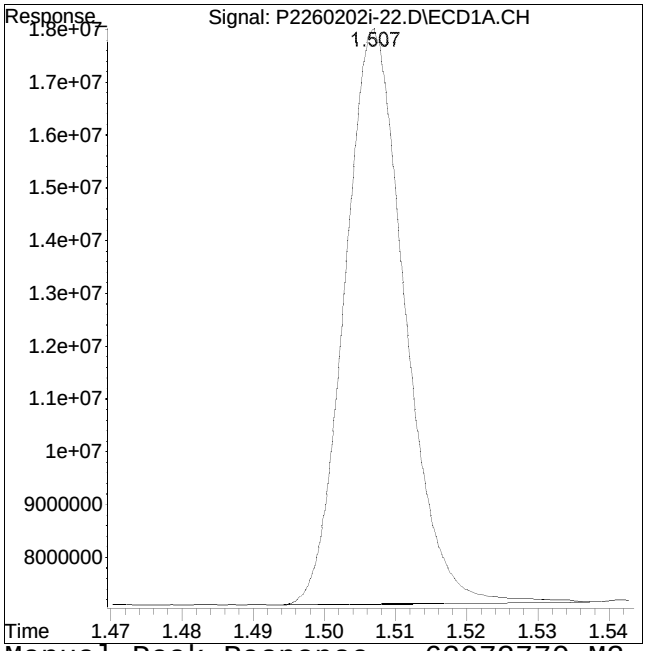
Original Peak Response = 552179713 Manual Peak Response = 546877315 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #15: 1221-1



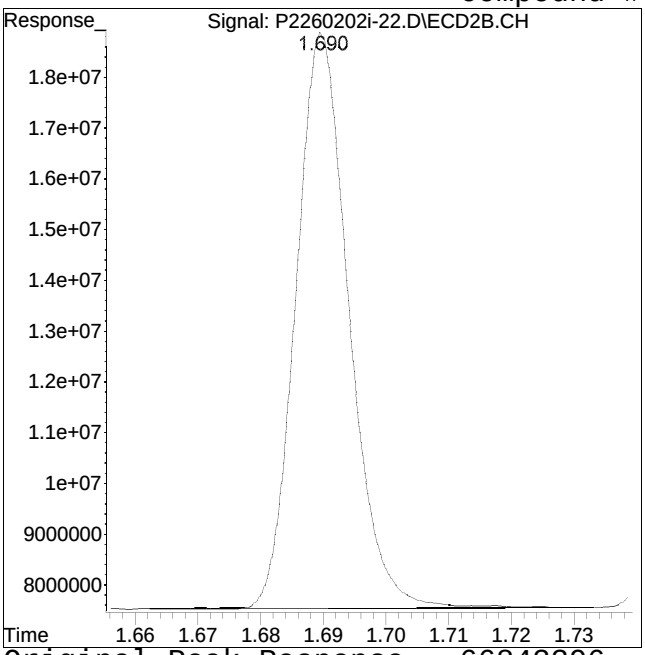


Original Peak Response = 63328840 Manual Peak Response = 63973770 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

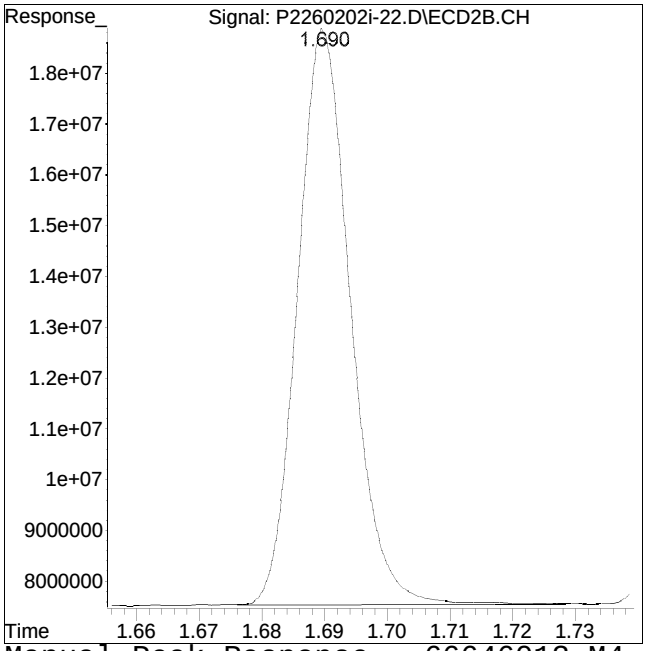
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #66: 1221-1 #2



Original Peak Response = 66843396



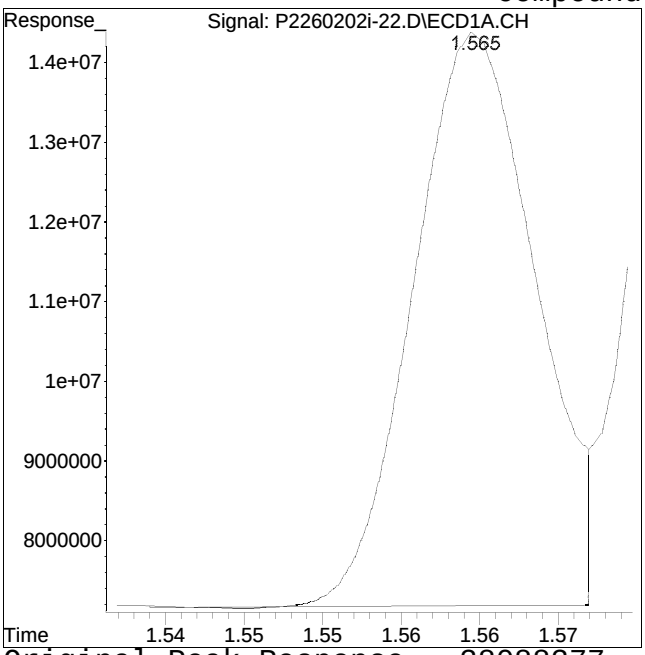
Manual Peak Response = 66646013 M4

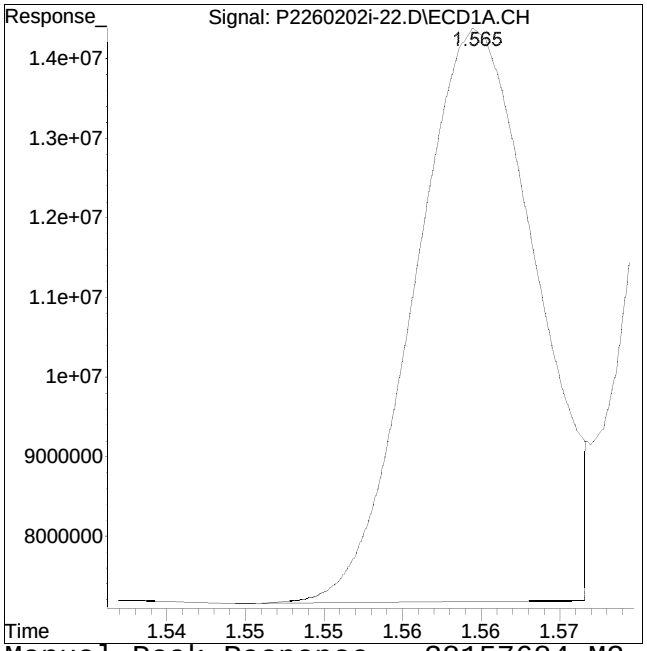
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #16: 1221-2



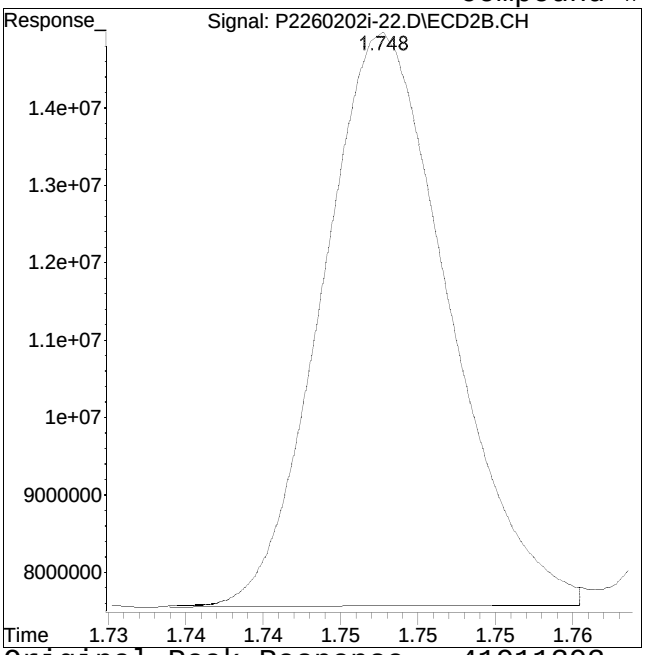


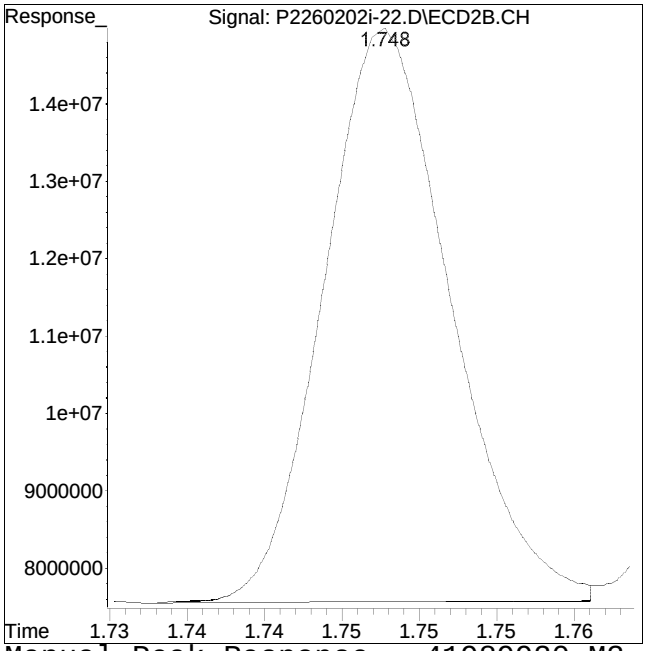
Original Peak Response = 38088377 Manual Peak Response = 38157684 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #67: 1221-2 #2



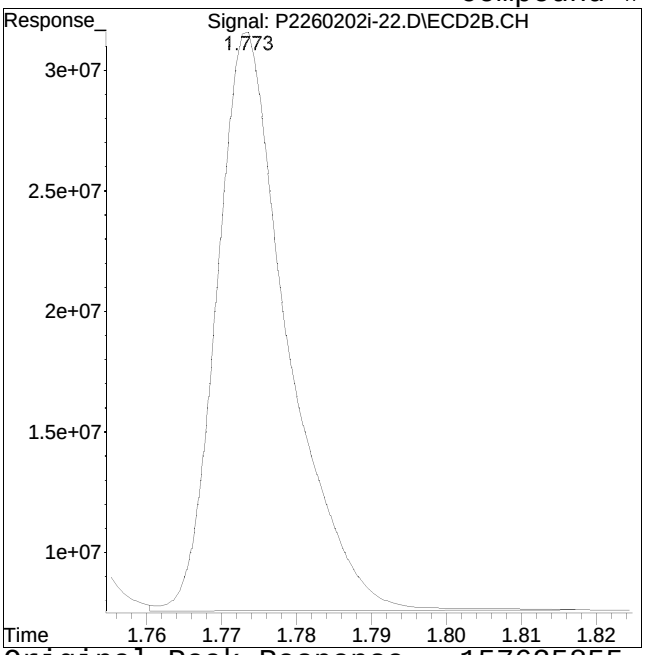


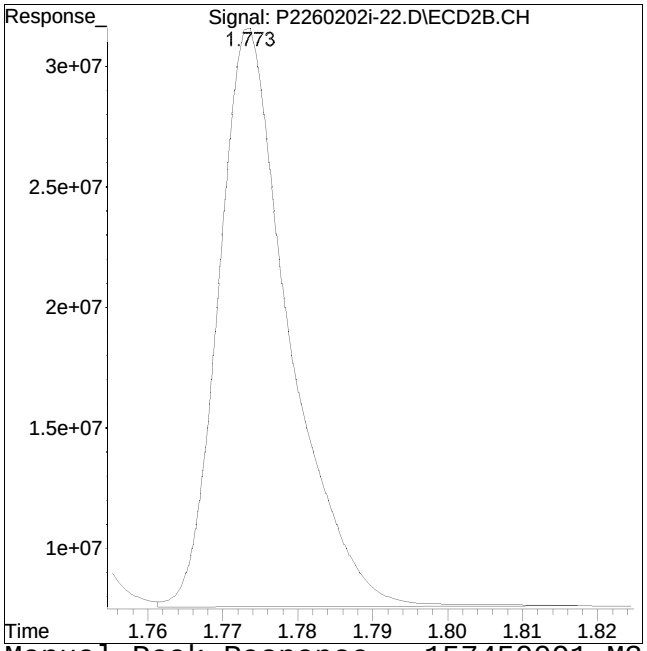
Original Peak Response = 41911393 Manual Peak Response = 41989920 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #68: 1221-3 #2



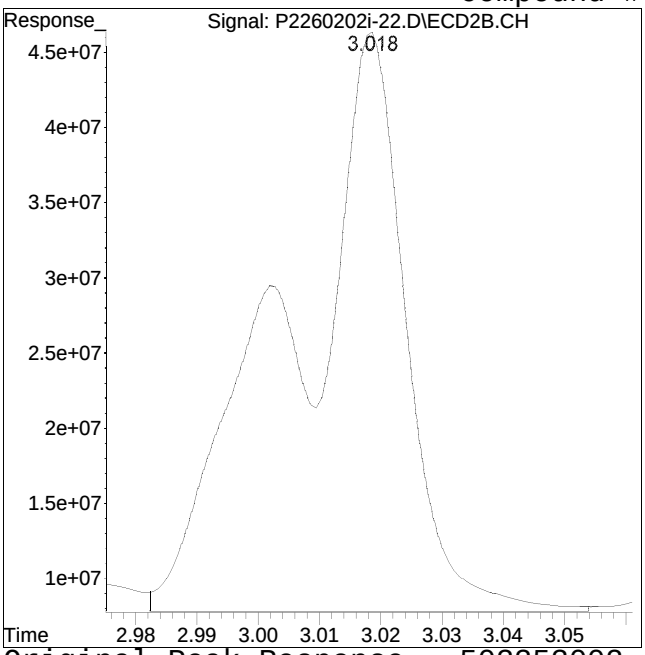


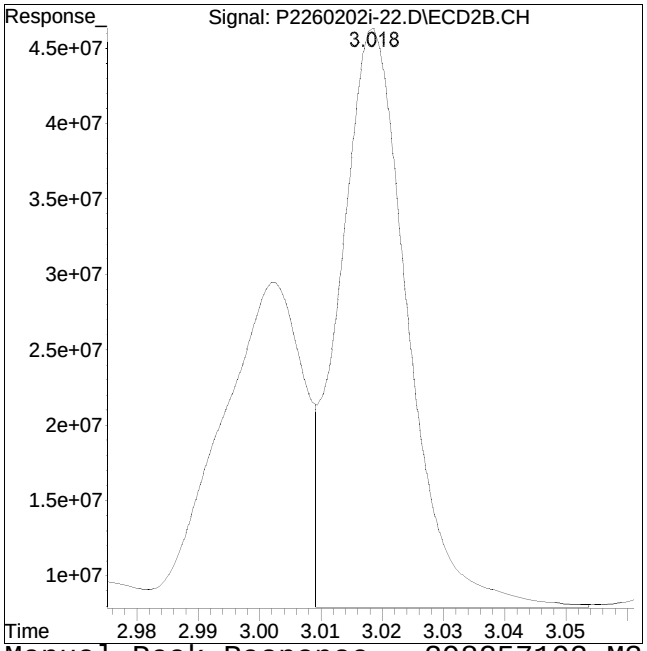
Original Peak Response = 157625855 Manual Peak Response = 157450091 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-22.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 11:50 Instrument : Pest 2
Sample : cicv2154,42e,,pp 12227 L25Quant Date : 2/4/2026 12:03 pm

Compound #72: 1254-4 #2





Original Peak Response = 503353002 Manual Peak Response = 298257192 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.

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample   : cicv1660,42e,,pp 12226 L250ICVRVT
Misc   : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	i	1660_1br2nb	^	1.000	1.000	0.0	100	0.00
2	s	2,4,5,6-Tetrachloro-m-xylen		1.229	0.993	19.2	74	0.00
3	s	Decachlorobiphenyl		1.082	0.823	23.9#	77	0.00
4	l1	1016-1		0.021	0.020	4.8	97	0.00
5	l1	1016-2		0.049	0.042	14.3	86	0.00
6	l1	1016-3		0.101	0.095	5.9	89	0.00
7	l1	1016-4		0.040	0.037	7.5	89	0.00
8	l1	1016-5		0.042	0.039	7.1	91	0.00
9	l2	1260-1		0.064	0.059	7.8	90	0.00
10	l2	1260-2		0.100	0.091	9.0	87	0.00
11	l2	1260-3		0.050	0.057	-14.0	104	0.00
12	l2	1260-4		0.114	0.127	-11.4	104	0.00
13	l2	1260-5		0.085	0.092	-8.2	103	0.00

Signal #2

1	i	1660_1br2nb	^	1.000	1.000	0.0	114	0.00
2	s	2,4,5,6-Tetrachloro-m-xyl		1.308	0.944	27.8#	81	0.00
3	s	Decachlorobiphenyl		0.864	0.599	30.7#	91	0.00
4	l1	1016-1		0.024	0.020	16.7	101	0.00
5	l1	1016-2		0.054	0.044	18.5	97	0.00
6	l1	1016-3		0.112	0.091	18.8	96	0.00
7	l1	1016-4		0.044	0.036	18.2	96	0.00
8	l1	1016-5		0.033	0.028	15.2	99	0.00
9	l2	1260-1		0.069	0.053	23.2#	90	0.00
10	l2	1260-2		0.078	0.063	19.2	97	0.00
11	l2	1260-3		0.057	0.052	8.8	109	0.00
12	l2	1260-4		0.109	0.106	2.8	112	0.00
13	l2	1260-5		0.076	0.073	3.9	113	0.00

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample   : cicv1660,42e,,pp 12226 L250ICVRVT
Misc   : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
Evaluate Continuing Calibration Report - Not Founds								
14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.16#
15	l3	1221-1		0.011	0.000	100.0#	0#	-1.50#
16	l3	1221-2		0.00664	0.00000	100.0#	0#	-1.56#
17	l3	1221-3		0.027	0.000	100.0#	0#	-1.58#
18	l4	1254-1		0.040	0.000	100.0#	0#	-2.29#
19	l4	1254-2		0.074	0.000	100.0#	0#	-2.40#
20	l4	1254-3		0.075	0.000	100.0#	0#	-2.58#
21	l4	1254-4		0.054	0.000	100.0#	0#	-2.71#
22	l4	1254-5		0.073	0.000	100.0#	0#	-2.93#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.16#
24	l6	1242-1		0.015	0.000	100.0#	0#	-1.58#
25	l6	1242-2		0.035	0.000	100.0#	0#	-1.72#
26	l6	1242-3		0.073	0.000	100.0#	0#	-1.90#
27	l6	1242-4		0.030	0.000	100.0#	0#	-1.96#
28	l6	1242-5		0.024	0.000	100.0#	0#	-2.31#
29	l9	1268-1		0.160	0.000	100.0#	0#	-3.42#
30	l9	1268-2		0.161	0.000	100.0#	0#	-3.44#
31	l9	1268-3		0.114	0.000	100.0#	0#	-3.54#
32	l9	1268-4		0.047	0.000	100.0#	0#	-3.73#
33	l9	1268-5		0.318	0.000	100.0#	0#	-3.88#
34	i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.16#
35	l7	1248-1		0.053	0.000	100.0#	0#	-1.90#
36	l7	1248-2		0.058	0.000	100.0#	0#	-2.03#
37	l7	1248-3		0.052	0.000	100.0#	0#	-2.13#
38	l7	1248-4		0.047	0.000	100.0#	0#	-2.31#
39	l7	1248-5		0.049	0.000	100.0#	0#	-2.32#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample   : cicv1660,42e,,pp 12226 L250ICVRVT
Misc   : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
40	i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.16#
41	l5	1232-1		0.023	0.000	100.0#	0#	-1.58#
42	l5	1232-2		0.018	0.000	100.0#	0#	-1.72#
43	l5	1232-3		0.040	0.000	100.0#	0#	-1.90#
44	l5	1232-4		0.016	0.000	100.0#	0#	-1.96#
45	l5	1232-5		0.013	0.000	100.0#	0#	-2.31#
46	l8	1262-1		0.060	0.000	100.0#	0#	-2.79#
47	l8	1262-2		0.077	0.000	100.0#	0#	-2.98#
48	l8	1262-3		0.068	0.000	100.0#	0#	-3.11#
49	l8	1262-4		0.139	0.000	100.0#	0#	-3.26#
50	l8	1262-5		0.045	0.000	100.0#	0#	-3.73#

Signal #2

14	i	2154_1br2nb	^	1.000	1.000	0.0	0	-1.21#
15	l3	1221-1		0.012	0.000	100.0#	0#	-1.69#
16	l3	1221-2		0.00730	0.00000	100.0#	0#	-1.75#
17	l3	1221-3		0.028	0.000	100.0#	0#	-1.77#
18	l4	1254-1		0.022	0.000	100.0#	0#	-2.57#
19	l4	1254-2		0.050	0.000	100.0#	0#	-2.68#
20	l4	1254-3		0.079	0.000	100.0#	0#	-2.91#
21	l4	1254-4		0.052	0.000	100.0#	0#	-3.02#
22	l4	1254-5		0.068	0.000	100.0#	0#	-3.29#
23	i	4268_1br2nb	^	1.000	1.000	0.0	0	-1.21#
24	l6	1242-1		0.016	0.000	100.0#	0#	-1.77#
25	l6	1242-2		0.036	0.000	100.0#	0#	-1.94#
26	l6	1242-3		0.071	0.000	100.0#	0#	-2.13#
27	l6	1242-4		0.028	0.000	100.0#	0#	-2.19#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260202i\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample   : cicv1660,42e,,pp 12226 L250ICVRVT
Misc   : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
28	l6	1242-5		0.023	0.000	100.0#	0#	-2.57#
29	l9	1268-1		0.128	0.000	100.0#	0#	-3.81#
30	l9	1268-2		0.135	0.000	100.0#	0#	-3.84#
31	l9	1268-3		0.092	0.000	100.0#	0#	-3.98#
32	l9	1268-4		0.039	0.000	100.0#	0#	-4.13#
33	l9	1268-5		0.224	0.000	100.0#	0#	-4.31#
34	i	1248_1br2nb	^	1.000	1.000	0.0	0	-1.21#
35	l7	1248-1		0.054	0.000	100.0#	0#	-2.13#
36	l7	1248-2		0.029	0.000	100.0#	0#	-2.28#
37	l7	1248-3		0.037	0.000	100.0#	0#	-2.40#
38	l7	1248-4		0.044	0.000	100.0#	0#	-2.57#
39	l7	1248-5		0.053	0.000	100.0#	0#	-2.60#
40	i	3262_1br2nb	^	1.000	1.000	0.0	0	-1.21#
41	l5	1232-1		0.024	0.000	100.0#	0#	-1.77#
42	l5	1232-2		0.020	0.000	100.0#	0#	-1.94#
43	l5	1232-3		0.041	0.000	100.0#	0#	-2.13#
44	l5	1232-4		0.016	0.000	100.0#	0#	-2.19#
45	l5	1232-5		0.013	0.000	100.0#	0#	-2.57#
46	l8	1262-1		0.047	0.000	100.0#	0#	-3.10#
47	l8	1262-2		0.066	0.000	100.0#	0#	-3.33#
48	l8	1262-3		0.060	0.000	100.0#	0#	-3.49#
49	l8	1262-4		0.112	0.000	100.0#	0#	-3.62#
50	l8	1262-5		0.038	0.000	100.0#	0#	-4.13#

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0
(^) = ISTD area calculated using ICAL average

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample : cicv1660,42e,,pp 12226 L250ICVRVT
Misc : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.167	1.217	528.0E6	531.9E6	25.000	25.000
14) i	2154_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
23) i	4268_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
34) i	1248_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
40) i	3262_1br2nb	0.000	0.000	0	0	N.D. d	N.D. d
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.446	1.579	524.6E6	502.1E6	20.217	18.048
	Spiked Amount 50.000	Range 30 - 150		Recovery =		40.43%	36.10%
3) s	Decachlorobi	3.991	4.465	434.6E6	318.3E6	19.026	17.322
	Spiked Amount 50.000	Range 30 - 150		Recovery =		38.05%	34.64%
	Target Compounds						
4) l1	1016-1	1.582	1.774	105.4E6	105.2E6	239.798	203.055
5) l1	1016-2	1.720	1.940	223.4E6	231.5E6	216.086	200.737M4
6) l1	1016-3	1.906	2.137	501.0E6	481.5E6	235.351	202.895
7) l1	1016-4	1.960	2.197	197.5E6	192.6E6	232.730	203.576
8) l1	1016-5	2.128	2.404	208.0E6	150.6E6	232.854	215.784
	Sum 1016-1			1235.4E6	1161.4E6	1156.819	1026.046
	Average 1016-1					231.364	205.209
9) l2	1260-1	2.665	3.004	310.7E6	284.4E6	231.435	194.343
10) l2	1260-2	2.794	3.105	478.2E6	336.2E6	226.664	202.387
11) l2	1260-3	3.107	3.492	299.2E6	278.2E6	284.088	227.792
12) l2	1260-4	3.261	3.622	671.4E6	566.0E6	279.756M4	245.069
13) l2	1260-5	3.408	3.820	486.3E6	390.2E6	270.939M4	240.449
	Sum 1260-1			2245.9E6	1855.1E6	N.D.	N.D. D
	Average 1260-1					258.577	222.008

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample : cicv1660,42e,,pp 12226 L250ICVRVT
Misc : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3	1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17) l3	1221-3	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1221-1			0	0	N.D.	N.D.
Average	1221-1					0.000	0.000
18) l4	1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4	1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4	1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4	1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4	1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1254-1			0	0	N.D.	N.D.
Average	1254-1					0.000	0.000
24) l6	1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6	1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6	1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6	1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6	1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1242-1			0	0	N.D.	N.D.
Average	1242-1					0.000	0.000
29) l9	1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9	1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9	1268-3	0.000	0.000	0	0	N.D.	N.D.
32) l9	1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9	1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1268-1			0	0	N.D.	N.D.
Average	1268-1					0.000	0.000
35) l7	1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7	1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7	1248-3	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample : cicv1660,42e,,pp 12226 L250ICVRVT
Misc : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
38) l7	1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7	1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41) l5	1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5	1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5	1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5	1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5	1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46) l8	1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8	1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8	1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8	1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8	1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

SemiQuant Compounds - Not Calibrated on this Instrument

Sum	1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

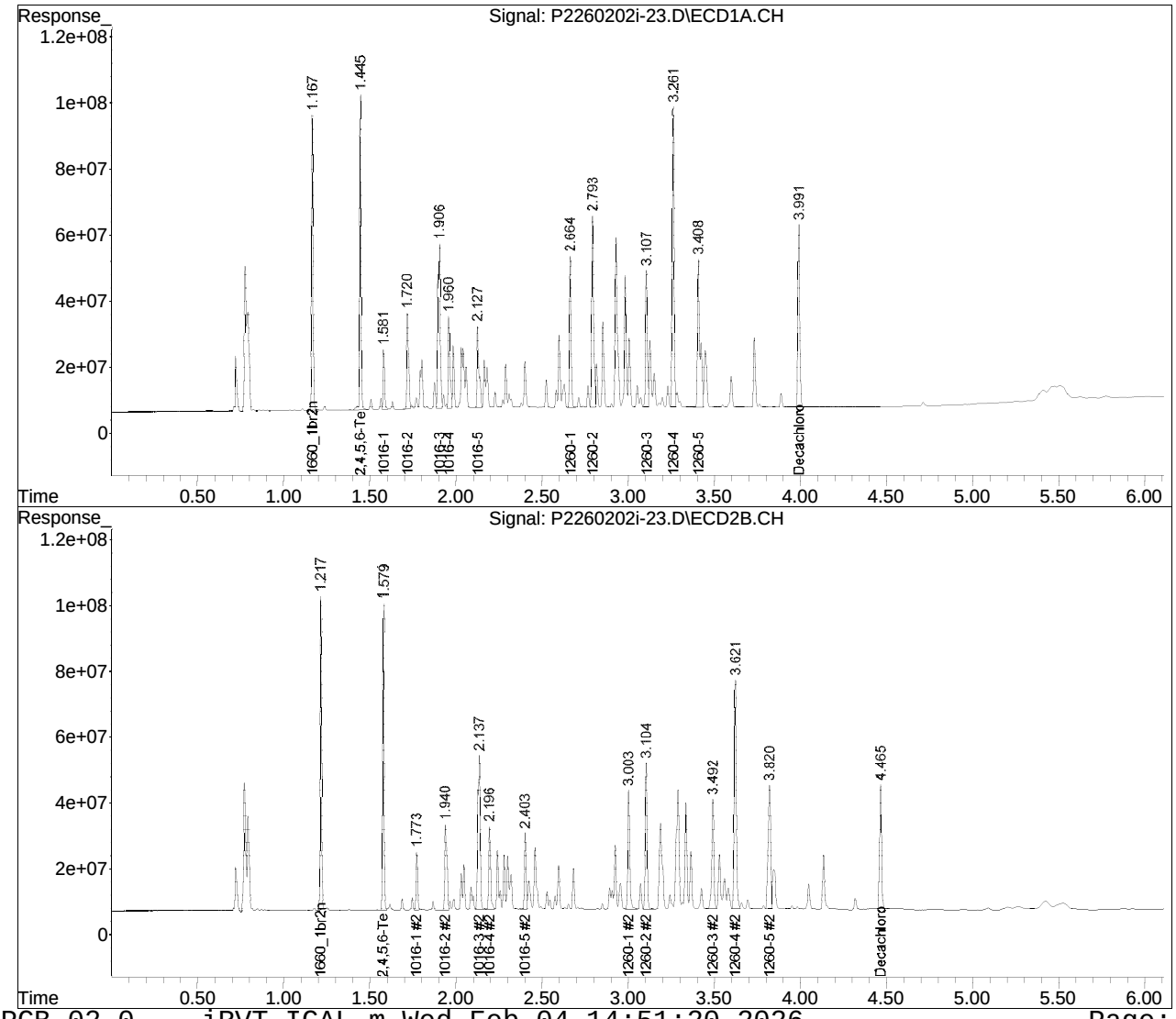
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PCB\Pest2\2026\260202I\
Data File : P2260202i-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Feb 2026 12:00
Operator : pest2:sdc
Sample : cicv1660,42e,,pp 12226 L250ICVRVT
Misc : WG2172252,,
ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 14:27:44 2026
Quant Method : I:\PCB\Pest2\2026\260202I\P2_PCB_02_02_26_iRVT_ICAL.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

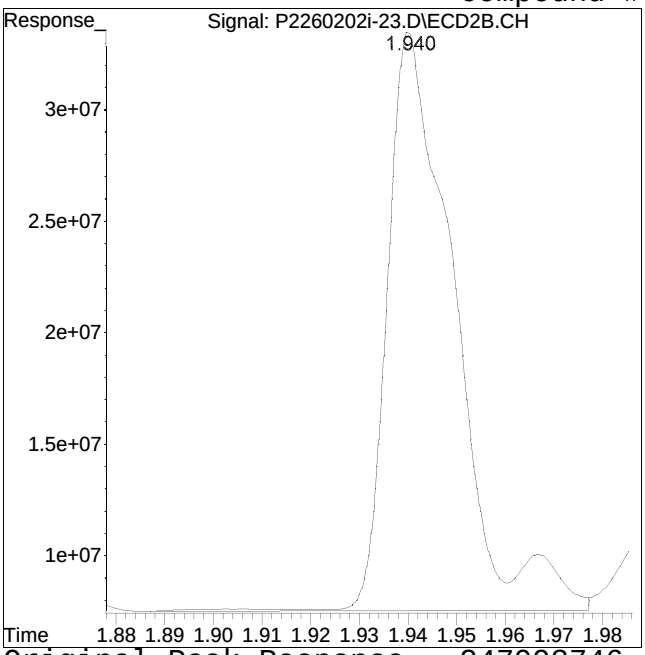
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



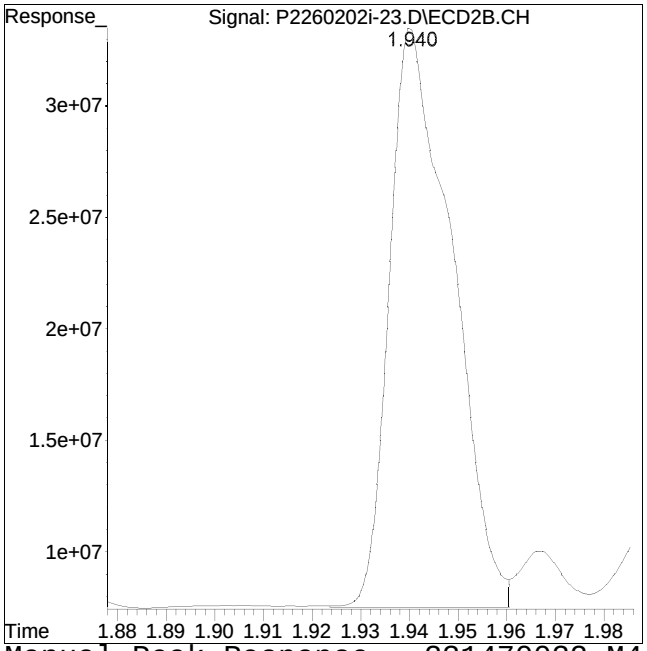
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-23.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 12:00 Instrument : Pest 2
Sample : cicv1660,42e,,pp 12226 L25Quant Date : 2/4/2026 2:27 pm

Compound #56: 1016-2 #2



Original Peak Response = 247993746

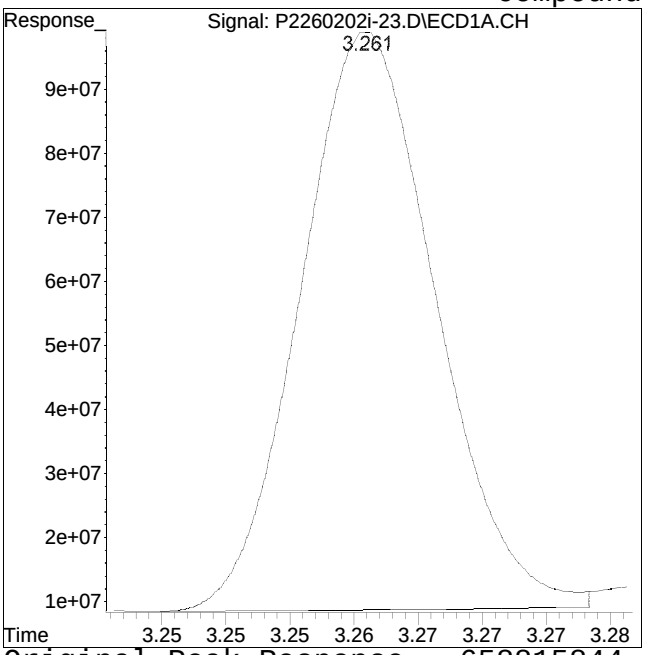


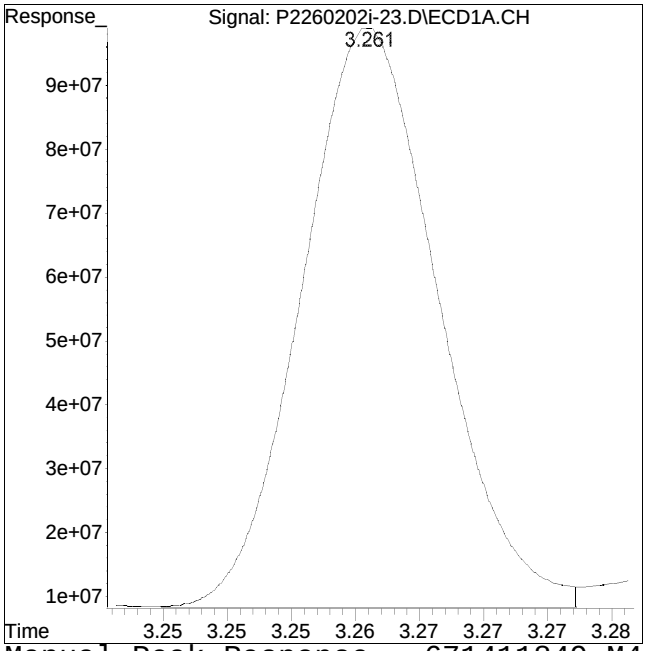
Manual Peak Response = 231470032 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-23.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 12:00 Instrument : Pest 2
Sample : cicv1660,42e,,pp 12226 L25Quant Date : 2/4/2026 2:27 pm

Compound #12: 1260-4



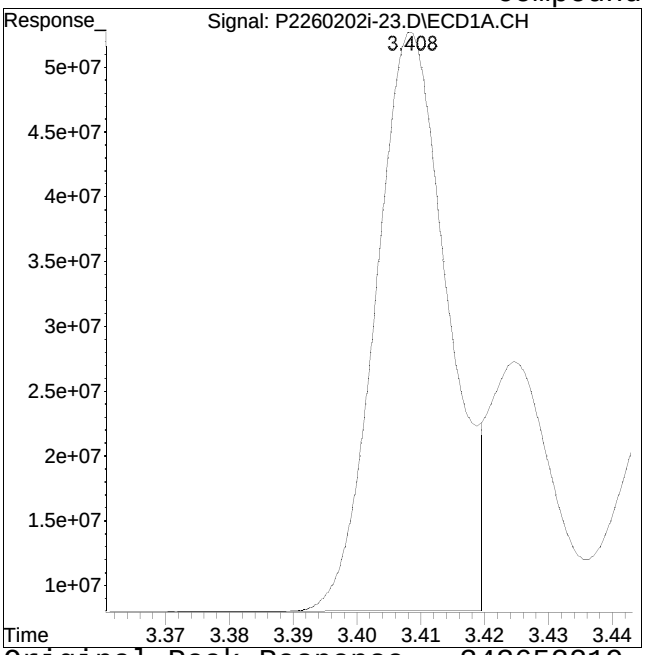


Original Peak Response = 658815844 Manual Peak Response = 671411849 M4
M4 = Poor automated baseline construction.

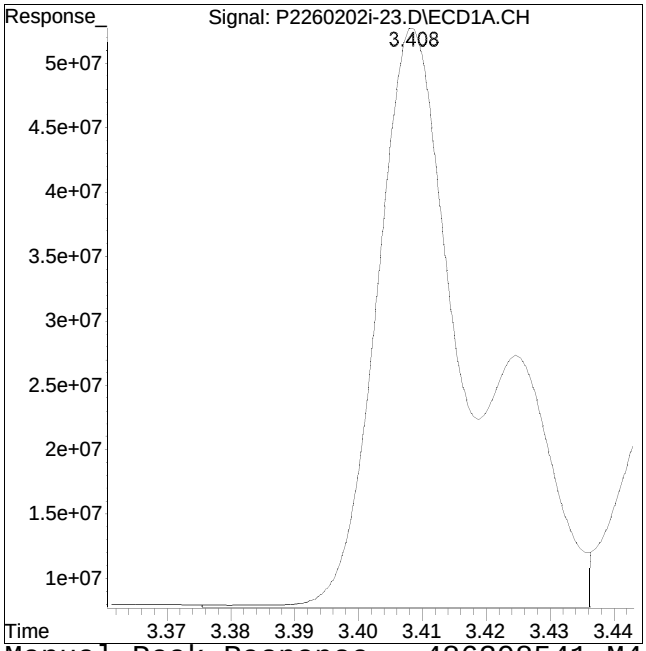
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260202I\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260202i-23.D Operator : pest2:sdc
Date Inj'd : 2/2/2026 12:00 Instrument : Pest 2
Sample : cicv1660,42e,,pp 12226 L25Quant Date : 2/4/2026 2:27 pm

Compound #13: 1260-5



Original Peak Response = 343652219



Manual Peak Response = 486308541 M4

M4 = Poor automated baseline construction.

Continuing Calibration

Calibration Verification Summary
Form 7
PCBs

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: PEST2	**Calibration Date**	: 04/05/26 10:43
Lab File ID	: P2260405a-04	**Init. Calib. Date(s)**	: 02/02/26 02/02/26
Sample No	: WG2194122-1	**Init. Calib. Times**	: 09:01 11:13
Channel	: A		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb	1	1	-	0	20	94	0
2,4,5,6-Tetrachloro-m-xylen	1.229	1.055	-	14.2	20	73	0
Decachlorobiphenyl	1.082	0.834	-	22.9*	20	73	0
1016-1	0.021	0.022	-	-4.8	20	99	0
1016-2	0.049	0.045	-	8.2	20	86	0
1016-3	0.101	0.104	-	-3	20	91	0
1016-4	0.04	0.041	-	-2.5	20	91	0
1016-5	0.042	0.043	-	-2.4	20	93	0
1260-1	0.064	0.065	-	-1.6	20	93	0
1260-2	0.1	0.098	-	2	20	89	0
1260-3	0.05	0.06	-	-20	20	103	0
1260-4	0.114	0.13	-	-14	20	99	0
1260-5	0.085	0.094	-	-10.6	20	98	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
PCBs

Client	: C&S Companies	**Lab Number**	: L2617421
Project Name	: 2026 BROWN MFG PRR	**Project Number**	: 119.431.042
Instrument ID	: PEST2	**Calibration Date**	: 04/05/26 10:43
Lab File ID	: P2260405a-04	**Init. Calib. Date(s)**	: 02/02/26 02/02/26
Sample No	: WG2194122-1	**Init. Calib. Times**	: 09:01 11:13
Channel	: B		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb #2	1	1	-	0	20	113	0
2,4,5,6-Tetrachloro-m-xylen	1.308	0.94	-	28.1*	20	80	0
Decachlorobiphenyl #2	0.864	0.493	-	42.9*	20	74	-.01
1016-1 #2	0.024	0.02	-	16.7	20	103	0
1016-2 #2	0.054	0.045	-	16.7	20	99	-.01
1016-3 #2	0.112	0.092	-	17.9	20	97	0
1016-4 #2	0.044	0.038	-	13.6	20	100	-.01
1016-5 #2	0.033	0.03	-	9.1	20	102	-.01
1260-1 #2	0.069	0.027	-	60.9*	20	45	-.01
1260-2 #2	0.078	0.064	-	17.9	20	97	-.01
1260-3 #2	0.057	0.054	-	5.3	20	111	-.01
1260-4 #2	0.109	0.108	-	0.9	20	114	-.01
1260-5 #2	0.076	0.073	-	3.9	20	111	-.01

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-04.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 10:43
Operator : pest2:emr
Sample : WG2194122-1,42,,+1660 RVT ICV pp12405 (Sig #1); +1660 RVT ICV pp12405 (Sig #2)
Misc : WG2194122,,ICAL23029
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 11:25:25 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
1	i	1660_1br2nb	^	1.000	1.000	0.0	94	0.00
2	s	2,4,5,6-Tetrachloro-m-xylen		1.229	1.055	14.2	73	0.00
3	s	Decachlorobiphenyl		1.082	0.834	22.9#	73	0.00
4	l1	1016-1		0.021	0.022	-4.8	99	0.00
5	l1	1016-2		0.049	0.045	8.2	86	0.00
6	l1	1016-3		0.101	0.104	-3.0	91	0.00
7	l1	1016-4		0.040	0.041	-2.5	91	0.00
8	l1	1016-5		0.042	0.043	-2.4	93	0.00
9	l2	1260-1		0.064	0.065	-1.6	93	0.00
10	l2	1260-2		0.100	0.098	2.0	89	0.00
11	l2	1260-3		0.050	0.060	-20.0	103	0.00
12	l2	1260-4		0.114	0.130	-14.0	99	0.00
13	l2	1260-5		0.085	0.094	-10.6	98	0.00
52	i	1660_1br2nb #2	^	1.000	1.000	0.0	113	0.00
53	s	2,4,5,6-Tetrachloro-m-xylen		1.308	0.940	28.1#	80	0.00
54	s	Decachlorobiphenyl #2		0.864	0.493	42.9#	74	-0.01
55	l1	1016-1 #2		0.024	0.020	16.7	103	0.00
56	l1	1016-2 #2		0.054	0.045	16.7	99	-0.01
57	l1	1016-3 #2		0.112	0.092	17.9	97	0.00
58	l1	1016-4 #2		0.044	0.038	13.6	100	-0.01
59	l1	1016-5 #2		0.033	0.030	9.1	102	-0.01
60	l2	1260-1 #2		0.069	0.027	60.9#	45#	-0.01
61	l2	1260-2 #2		0.078	0.064	17.9	97	-0.01
62	l2	1260-3 #2		0.057	0.054	5.3	111	-0.01
63	l2	1260-4 #2		0.109	0.108	0.9	114	-0.01
64	l2	1260-5 #2		0.076	0.073	3.9	111	-0.01

Evaluate Continuing Calibration Report - Not Founds

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-04.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 05 Apr 2026 10:43
Operator : pest2:emr
Sample   : WG2194122-1,42,,+1660 RVT ICV pp12405 (Sig #1); +1660 RVT ICV pp12405 (Sig #2)
Misc   : WG2194122,,ICAL23029
ALS Vial : 4 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 11:25:25 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   :
Signal #1 Phase :   Signal #2 Phase:
Signal #1 Info :   Signal #2 Info :

Min. RRF   :   0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20%   Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area% Dev(Min)

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0
(^) = ISTD area calculated using ICAL average

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-04.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 10:43
Operator : pest2:emr
Sample : WG2194122-1,42,,+1660 RVT ICV pp12405 (Sig #1); +1660 RVT ICV pp12405 (Sig #2)
Misc : WG2194122,,ICAL23029
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 11:25:25 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : 1660 - 1660

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.161	1.210	493.4E6	527.4E6	25.000	25.000M4
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.439	1.571	520.7E6	496.0E6	21.473	17.978
	Spiked Amount	50.000	Range 30 - 150		Recovery =	42.95%	35.96%
3) s	Decachlorobi	3.984	4.449	411.7E6	259.8E6	19.283	14.255
	Spiked Amount	50.000	Range 30 - 150		Recovery =	38.57%	28.51%#
	Target Compounds						
4) l1	1016-1	1.575	1.765	107.7E6	106.3E6	262.335	206.900
5) l1	1016-2	1.713	1.930	223.6E6	234.8E6	231.408	205.318M3
6) l1	1016-3	1.899	2.127	512.5E6	483.4E6	257.625	205.432M4
7) l1	1016-4	1.953	2.186	201.9E6	199.6E6	254.557	212.714M4
8) l1	1016-5	2.121	2.392	212.9E6	156.4E6	254.957	225.852M4
	Sum 1016-1			1258.6E6	1180.5E6	1260.882	1056.215
	Average 1016-1					252.176	211.243
9) l2	1260-1	2.657	2.990	319.5E6	143.2E6	254.684M4	98.690M4
10) l2	1260-2	2.786	3.091	484.1E6	336.8E6	245.506M4	204.416M4
11) l2	1260-3	3.099	3.477	295.9E6	284.7E6	300.638M4	235.094M4
12) l2	1260-4	3.253	3.608	639.1E6	571.8E6	284.974M3	249.637
13) l2	1260-5	3.400	3.806	464.4E6	383.8E6	276.843M4	238.488

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-04.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 10:43
Operator : pest2:emr
Sample : WG2194122-1,42,,+1660 RVT ICV pp12405 (Sig #1); +1660 RVT ICV pp12405 (Sig #2)
Misc : WG2194122,,ICAL23029
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 11:25:25 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : 1660 - 1660

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1260-1			2203.0E6	1720.4E6	1362.645	1026.325
Average 1260-1					272.529	205.265
Sum 1221-1			0	0	N.D.	N.D.
Average 1221-1					0.000	0.000
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-04.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 10:43
Operator : pest2:emr
Sample : WG2194122-1,42,,+1660 RVT ICV pp12405 (Sig #1); +1660 RVT ICV pp12405 (Sig #2)
Misc : WG2194122,,ICAL23029
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 11:25:25 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : 1660 - 1660

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

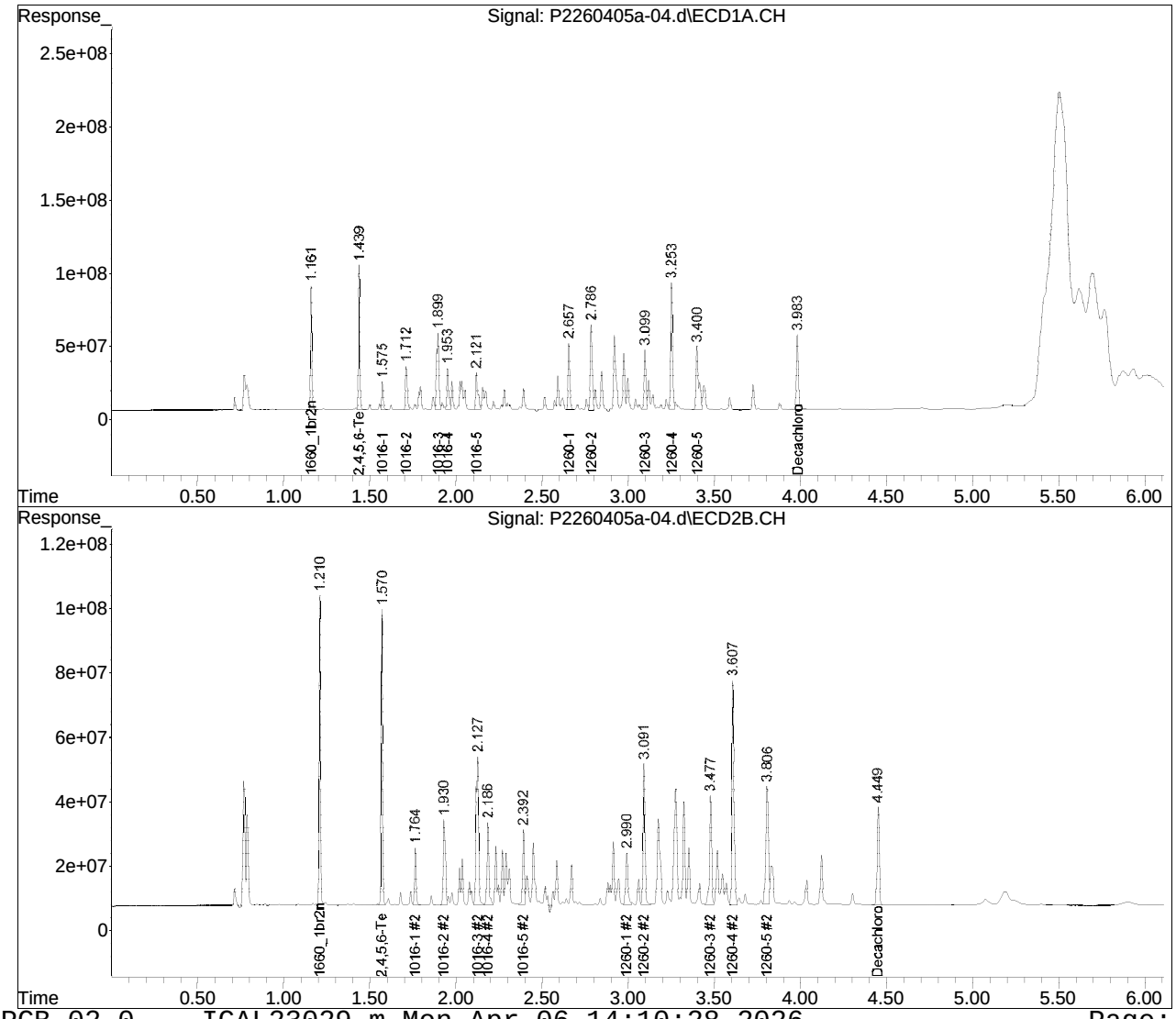
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : 1660 - 1660ation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-04.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 10:43
Operator : pest2:emr
Sample : WG2194122-1,42,,+1660 RVT ICV pp12405 (Sig #1); +1660 RVT ICV pp12
Misc : WG2194122,,ICAL23029
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 11:25:25 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

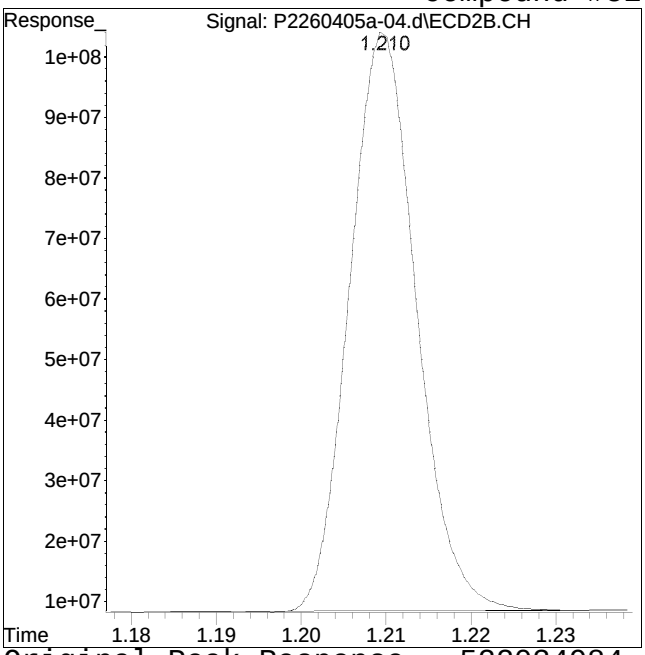
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

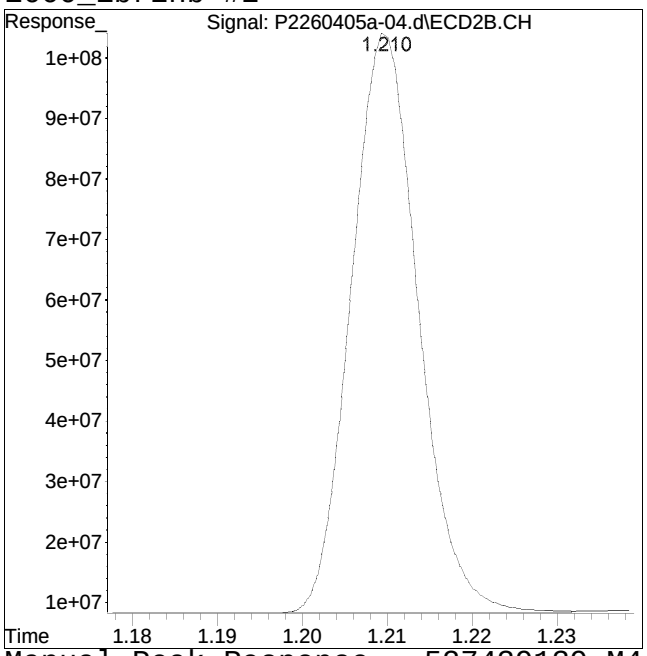


Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #52: 1660_1br2nb #2



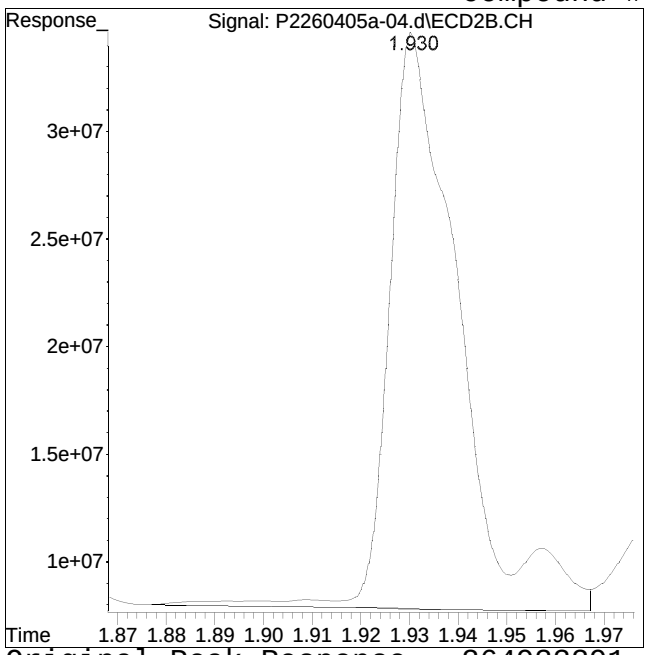


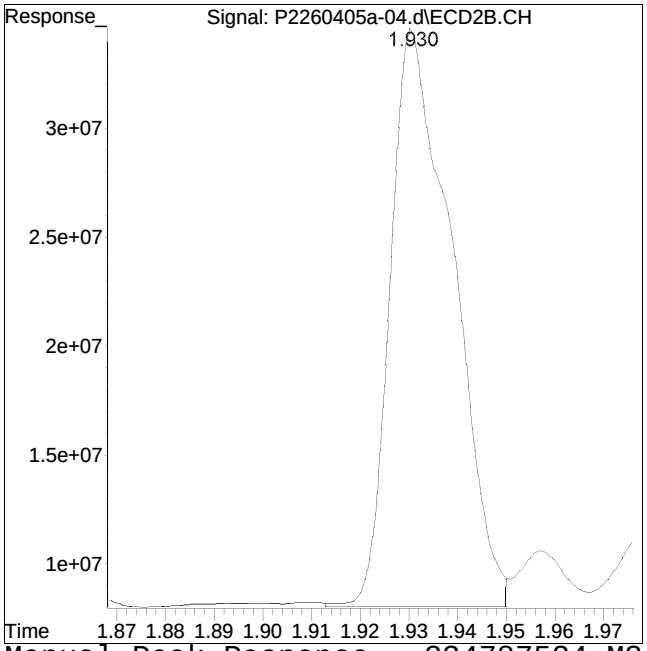
Original Peak Response = 522034984 Manual Peak Response = 527439139 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #56: 1016-2 #2



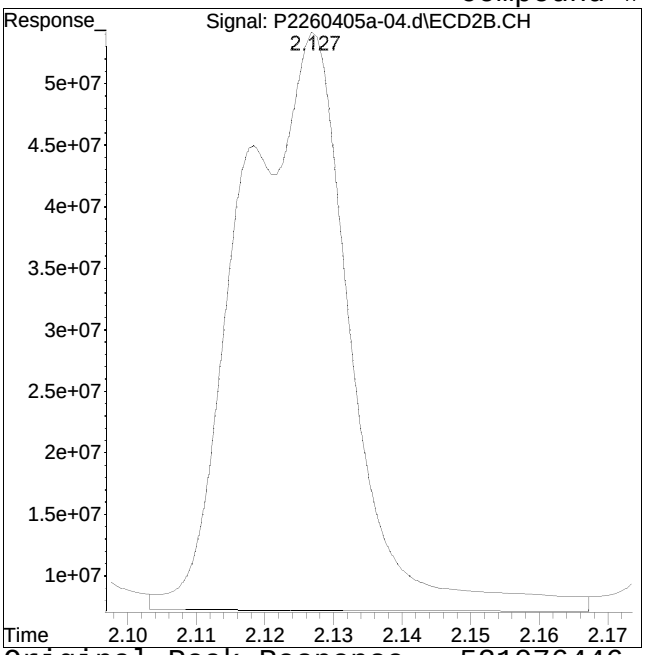


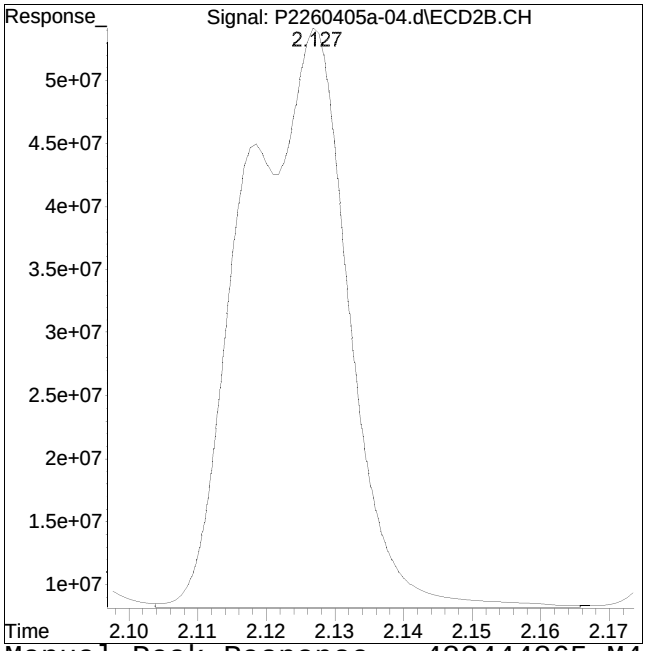
Original Peak Response = 264933291 Manual Peak Response = 234787524 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #57: 1016-3 #2



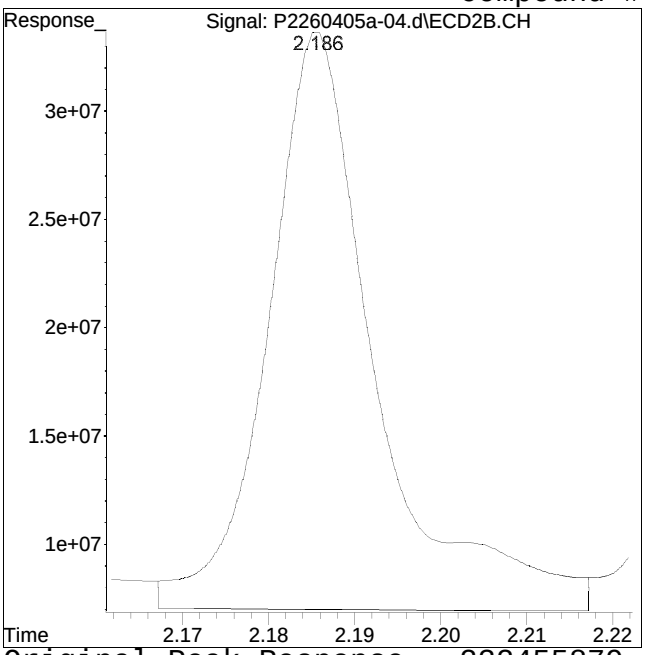


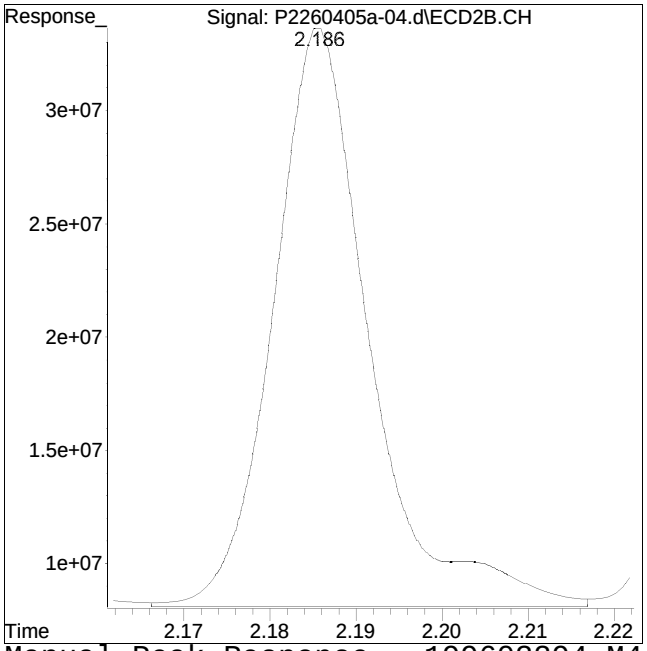
Original Peak Response = 521076446 Manual Peak Response = 483444865 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #58: 1016-4 #2



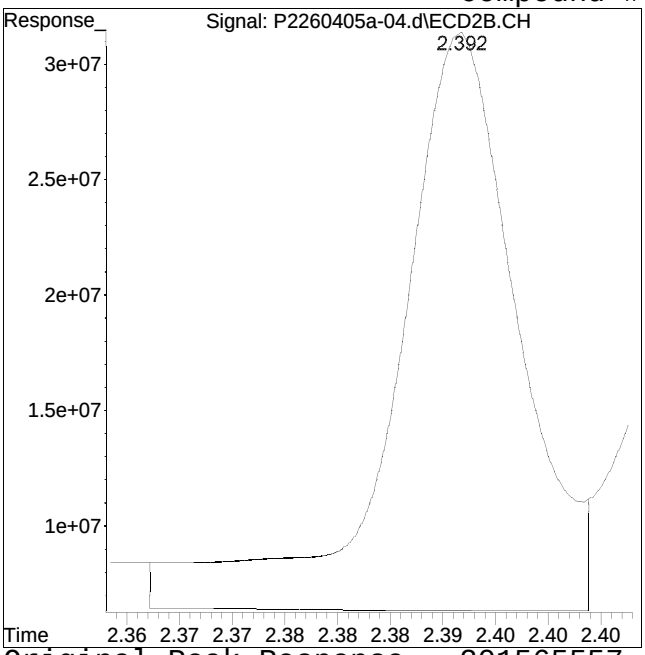


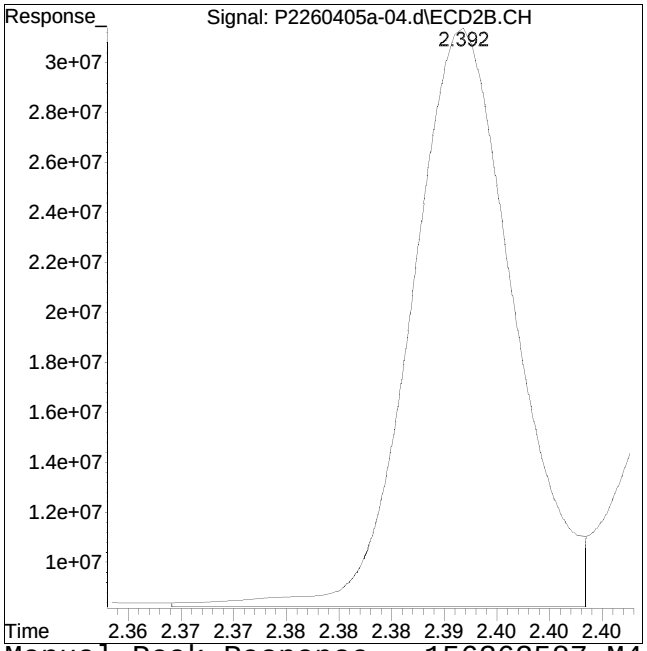
Original Peak Response = 232455879 Manual Peak Response = 199603294 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #59: 1016-5 #2



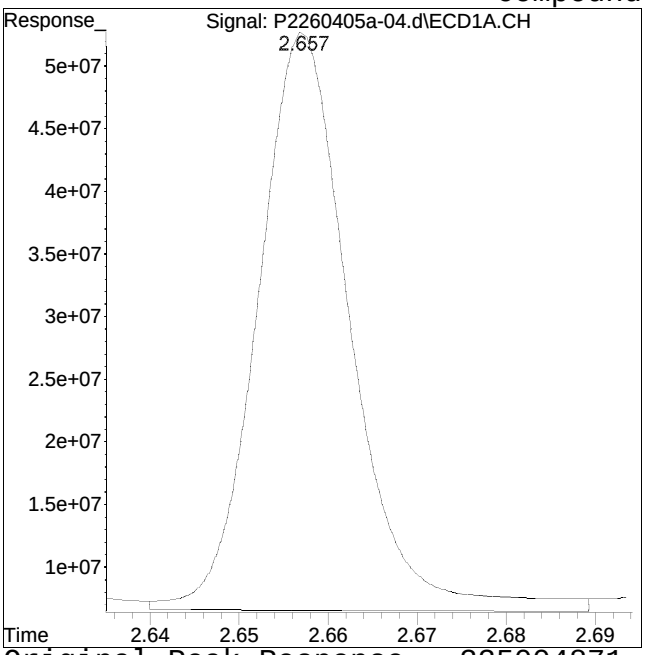


Original Peak Response = 201565557 Manual Peak Response = 156363587 M4
M4 = Poor automated baseline construction.

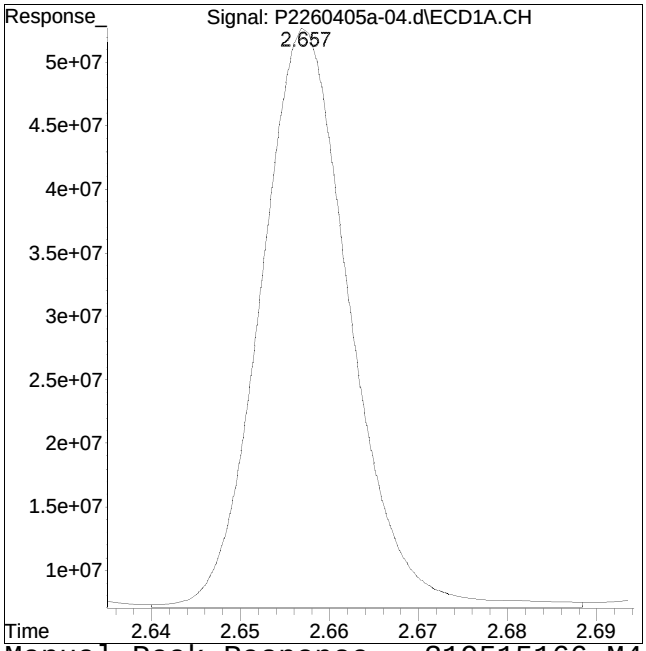
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #9: 1260-1



Original Peak Response = 335004871

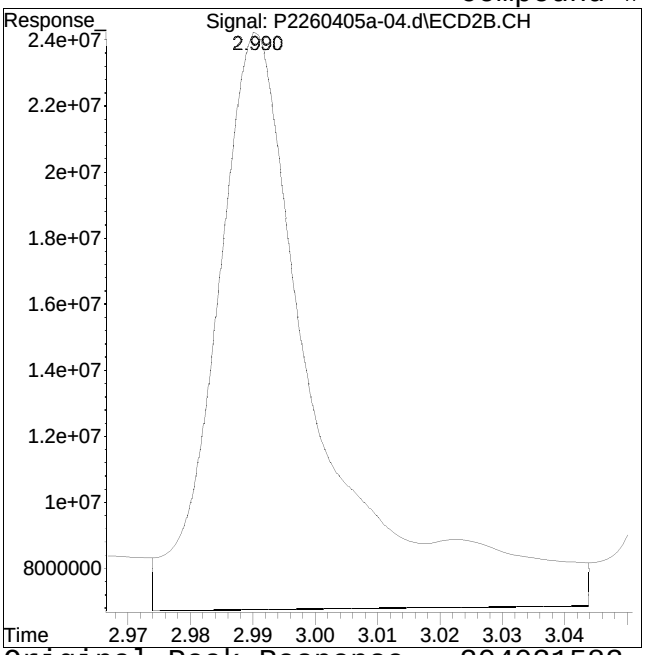


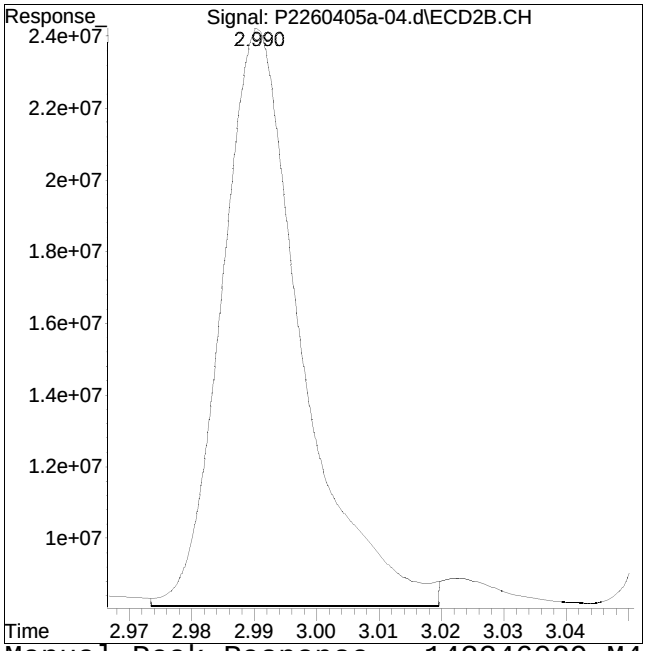
Manual Peak Response = 319515166 M4
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #60: 1260-1 #2



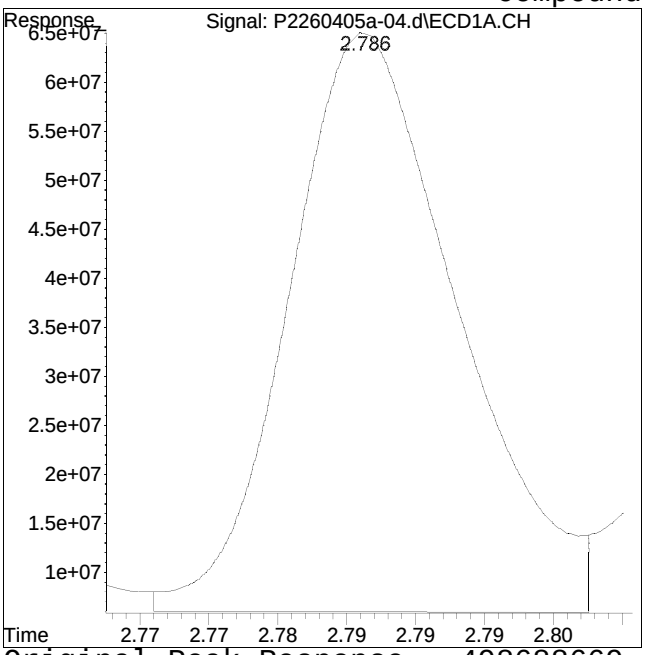


Original Peak Response = 204031583 Manual Peak Response = 143246029 M4
M4 = Poor automated baseline construction.

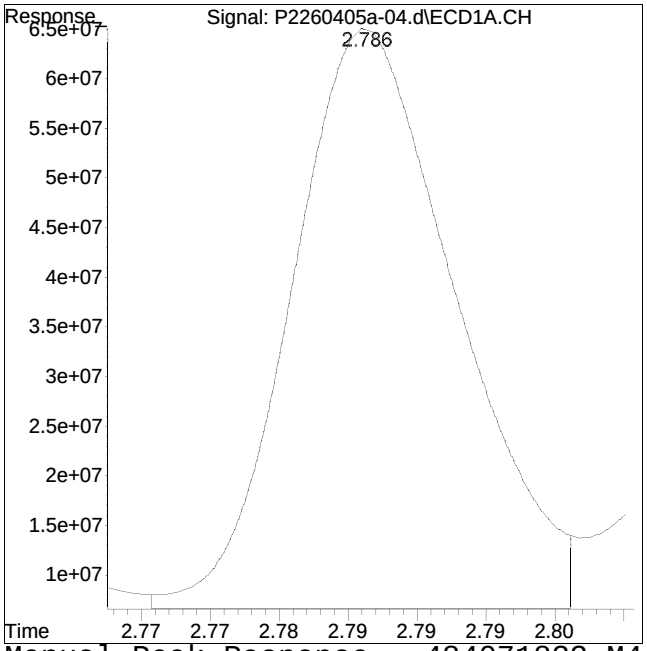
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #10: 1260-2



Original Peak Response = 498688669



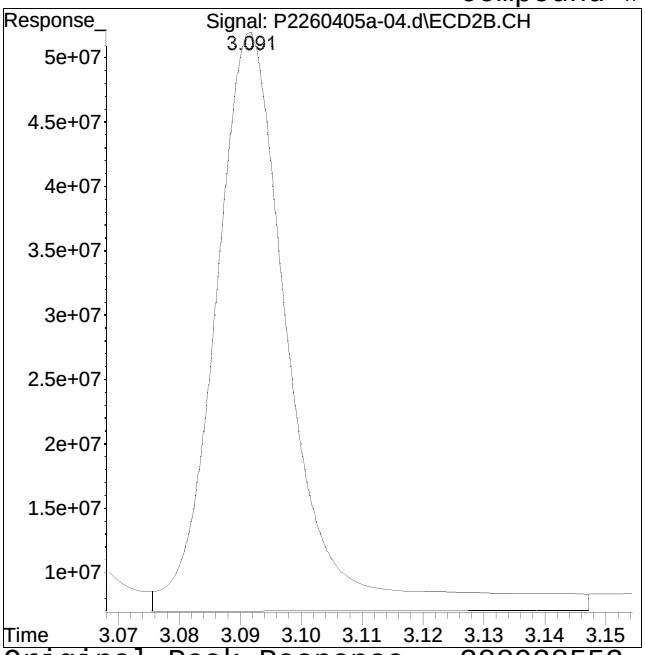
Manual Peak Response = 484071833 M4

M4 = Poor automated baseline construction.

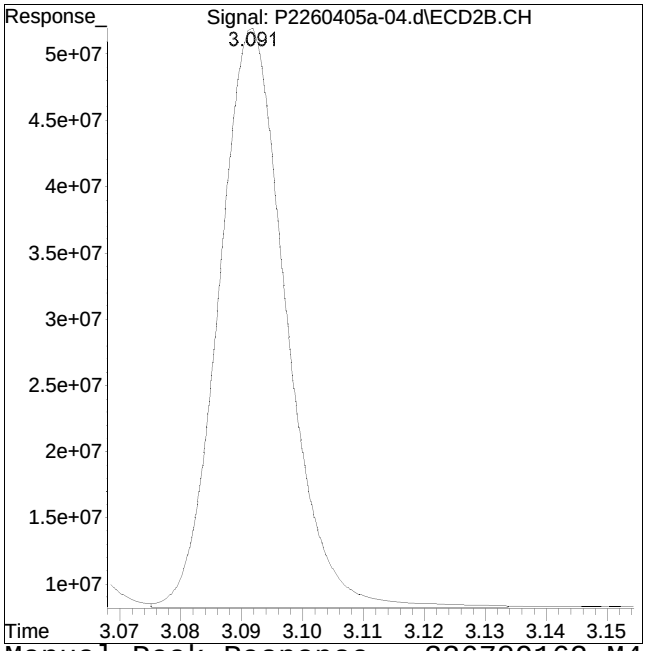
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #61: 1260-2 #2



Original Peak Response = 388928553



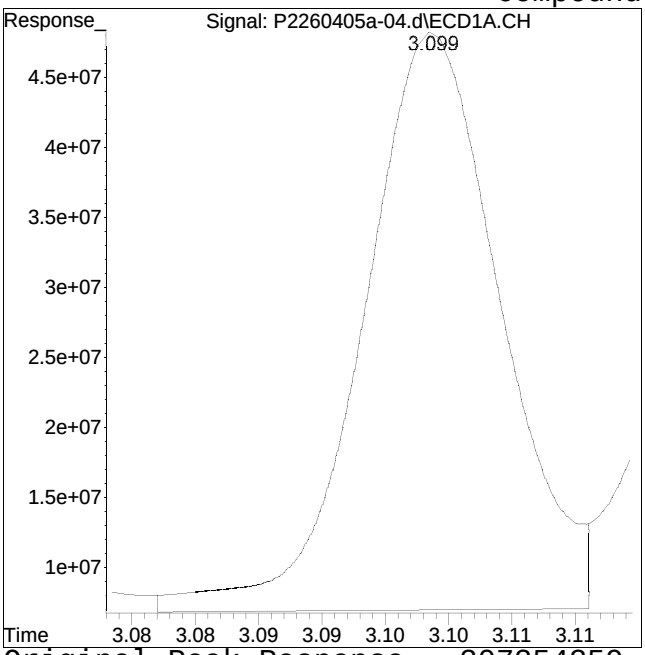
Manual Peak Response = 336789162 M4

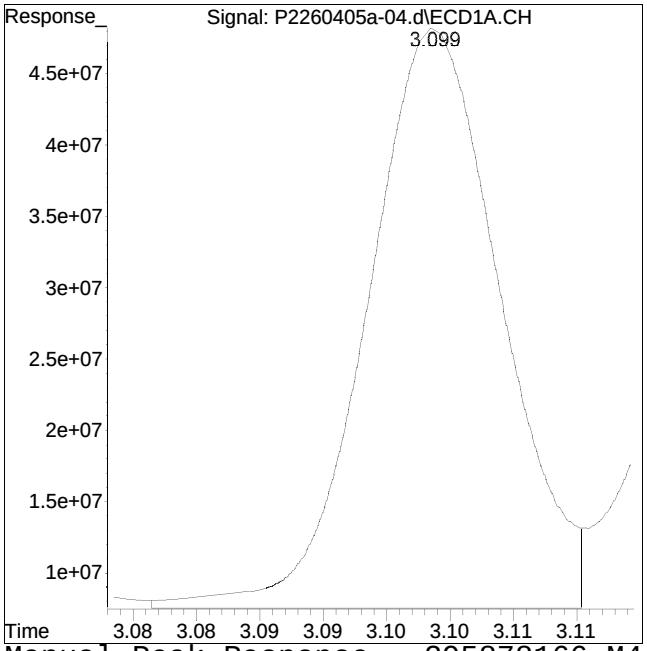
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #11: 1260-3



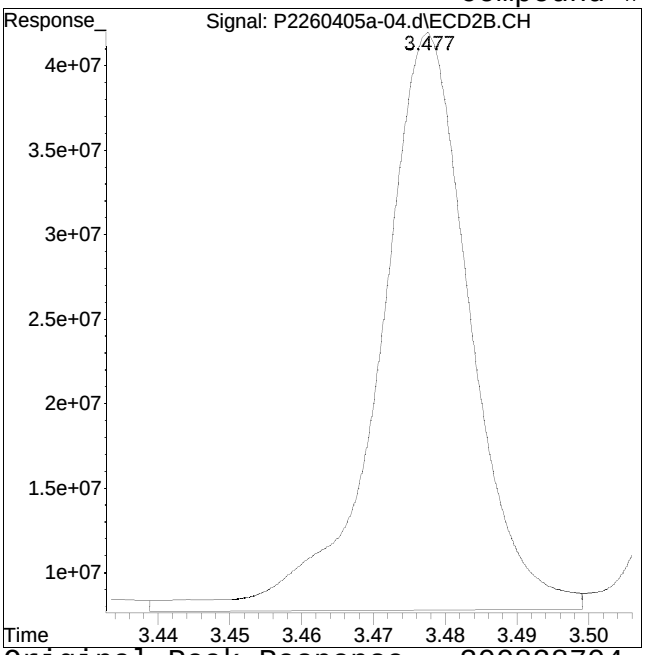


Original Peak Response = 307354359 Manual Peak Response = 295878166 M4
M4 = Poor automated baseline construction.

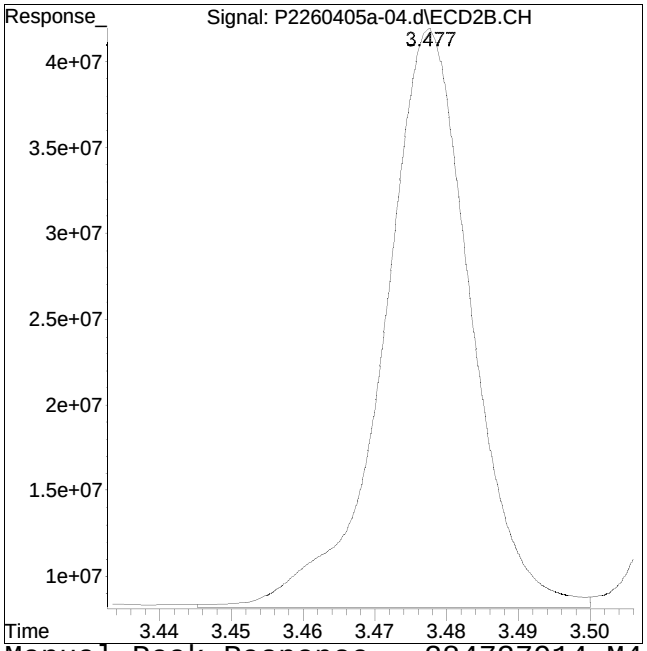
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #62: 1260-3 #2



Original Peak Response = 300828704



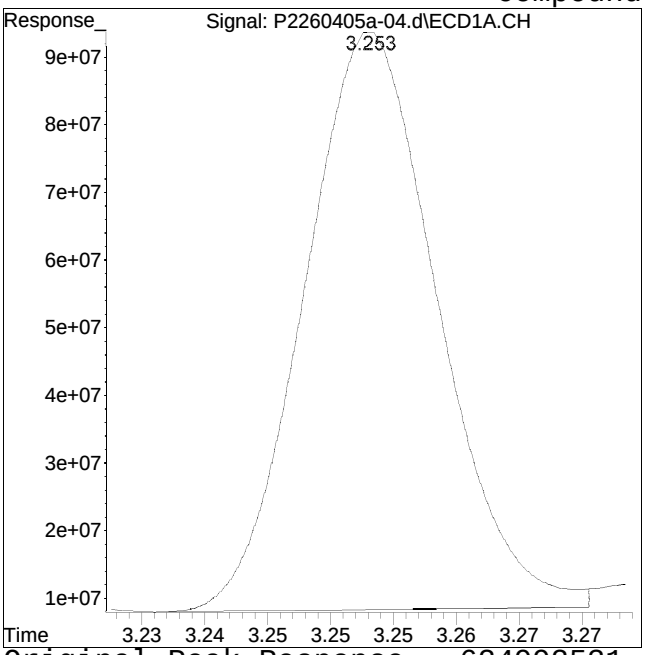
Manual Peak Response = 284737914 M4

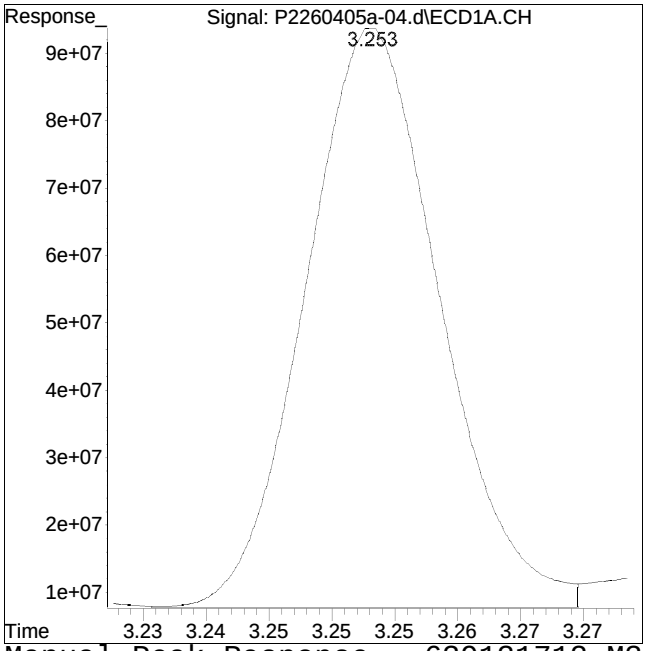
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #12: 1260-4



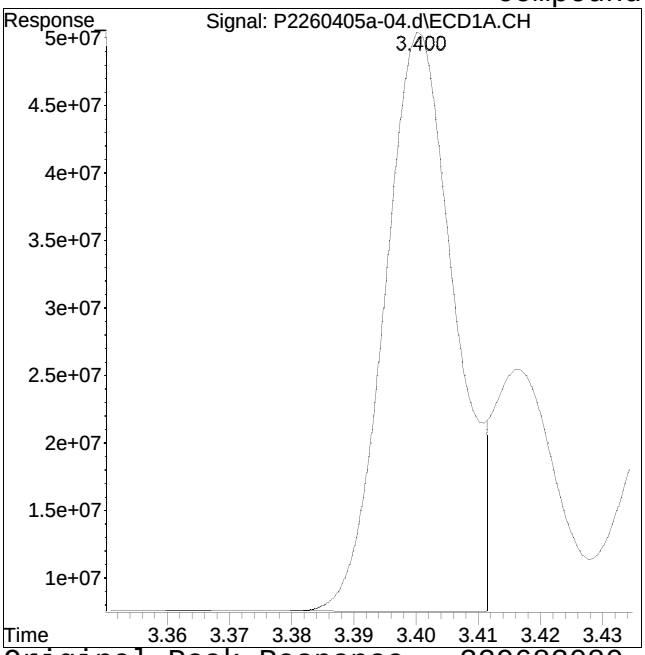


Original Peak Response = 624992531 Manual Peak Response = 639131712 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

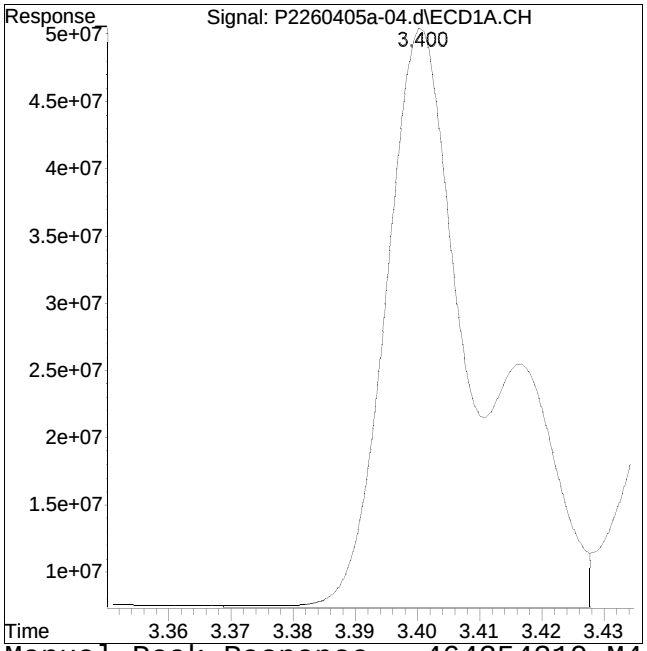
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-04.d Operator : pest2:emr
Date Inj'd : 4/5/2026 10:43 Instrument : Pest 2
Sample : WG2194122-1,42,,+1660 RVT Quant Date : 4/5/2026 11:25 am

Compound #13: 1260-5



Original Peak Response = 329683080



Manual Peak Response = 464354310 M4

M4 = Poor automated baseline construction.

RT Shift Summary

Identification Summary
Form 10
PCBs

Client	**: C&S Companies**	**Lab Number**	**: L2617421**
Project Name	**: 2026 BROWN MFG PRR**	**Project Number**	**: 119.431.042**

No Detections Found

Aroclor Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-24.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:32
Operator : pest2:emr
Sample : WG2193331-1,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:37 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.165	1.209	607.2E6	571.4E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	123.05%	
	Standard Area 1 : #2 = 527439139				Recovery =	108.34%	
14) i	2154_1br2nb	1.165	1.209	607.2E6	571.4E6	25.000	25.000
23) i	4268_1br2nb	1.165	1.209	607.2E6	571.4E6	25.000	25.000
34) i	1248_1br2nb	1.165	1.209	607.2E6	571.4E6	25.000	25.000
40) i	3262_1br2nb	1.165	1.209	607.2E6	571.4E6	25.000	25.000
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.446	1.571	659.5E6	662.3E6	22.103	22.155
	Spiked Amount 50.000	Range 30 - 150			Recovery =	44.21%	44.31%
3) s	Decachlorobi	4.003	4.458	633.2E6	528.2E6	24.106M4	26.749M4
	Spiked Amount 50.000	Range 30 - 150			Recovery =	48.21%	53.50%
	Target Compounds						
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D.	N.D.
6) l1	1016-3	0.000	0.000	0	0	N.D.	N.D.
7) l1	1016-4	0.000	0.000	0	0	N.D.	N.D.
8) l1	1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D.	N.D.
10) l2	1260-2	0.000	0.000	0	0	N.D.	N.D.
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D.	N.D.
13) l2	1260-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-24.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:32
Operator : pest2:emr
Sample : WG2193331-1,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:37 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15)	l3 1221-1	0.000	0.000	0	0	N.D. d	N.D. d
16)	l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
17)	l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1221-1			0	0	N.D.	N.D.
	Average 1221-1					0.000	0.000
18)	l4 1254-1	0.000	0.000	0	0	N.D.	N.D.
19)	l4 1254-2	0.000	0.000	0	0	N.D.	N.D.
20)	l4 1254-3	0.000	0.000	0	0	N.D.	N.D.
21)	l4 1254-4	0.000	0.000	0	0	N.D.	N.D.
22)	l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1254-1			0	0	N.D.	N.D.
	Average 1254-1					0.000	0.000
24)	l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25)	l6 1242-2	0.000	0.000	0	0	N.D.	N.D.
26)	l6 1242-3	0.000	0.000	0	0	N.D.	N.D.
27)	l6 1242-4	0.000	0.000	0	0	N.D.	N.D.
28)	l6 1242-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1242-1			0	0	N.D.	N.D.
	Average 1242-1					0.000	0.000
29)	l9 1268-1	0.000	0.000	0	0	N.D.	N.D.
30)	l9 1268-2	0.000	0.000	0	0	N.D.	N.D.
31)	l9 1268-3	0.000	0.000	0	0	N.D.	N.D.
32)	l9 1268-4	0.000	0.000	0	0	N.D.	N.D.
33)	l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1268-1			0	0	N.D.	N.D.
	Average 1268-1					0.000	0.000
35)	l7 1248-1	0.000	0.000	0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-24.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:32
Operator : pest2:emr
Sample : WG2193331-1,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:37 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
36)	l7 1248-2	0.000	0.000	0	0	N.D.	N.D.
37)	l7 1248-3	0.000	0.000	0	0	N.D.	N.D.
38)	l7 1248-4	0.000	0.000	0	0	N.D.	N.D.
39)	l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1248-1			0	0	N.D.	N.D.
Average	1248-1					0.000	0.000
41)	l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42)	l5 1232-2	0.000	0.000	0	0	N.D.	N.D.
43)	l5 1232-3	0.000	0.000	0	0	N.D.	N.D.
44)	l5 1232-4	0.000	0.000	0	0	N.D.	N.D.
45)	l5 1232-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1232-1			0	0	N.D.	N.D.
Average	1232-1					0.000	0.000
46)	l8 1262-1	0.000	0.000	0	0	N.D.	N.D.
47)	l8 1262-2	0.000	0.000	0	0	N.D.	N.D.
48)	l8 1262-3	0.000	0.000	0	0	N.D.	N.D.
49)	l8 1262-4	0.000	0.000	0	0	N.D.	N.D.
50)	l8 1262-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000
	SemiQuant Compounds - Not Calibrated on this Instrument						
	Sum 1262-1			0	0	N.D.	N.D.
Average	1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-24.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:32
Operator : pest2:emr
Sample : WG2193331-1,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:37 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

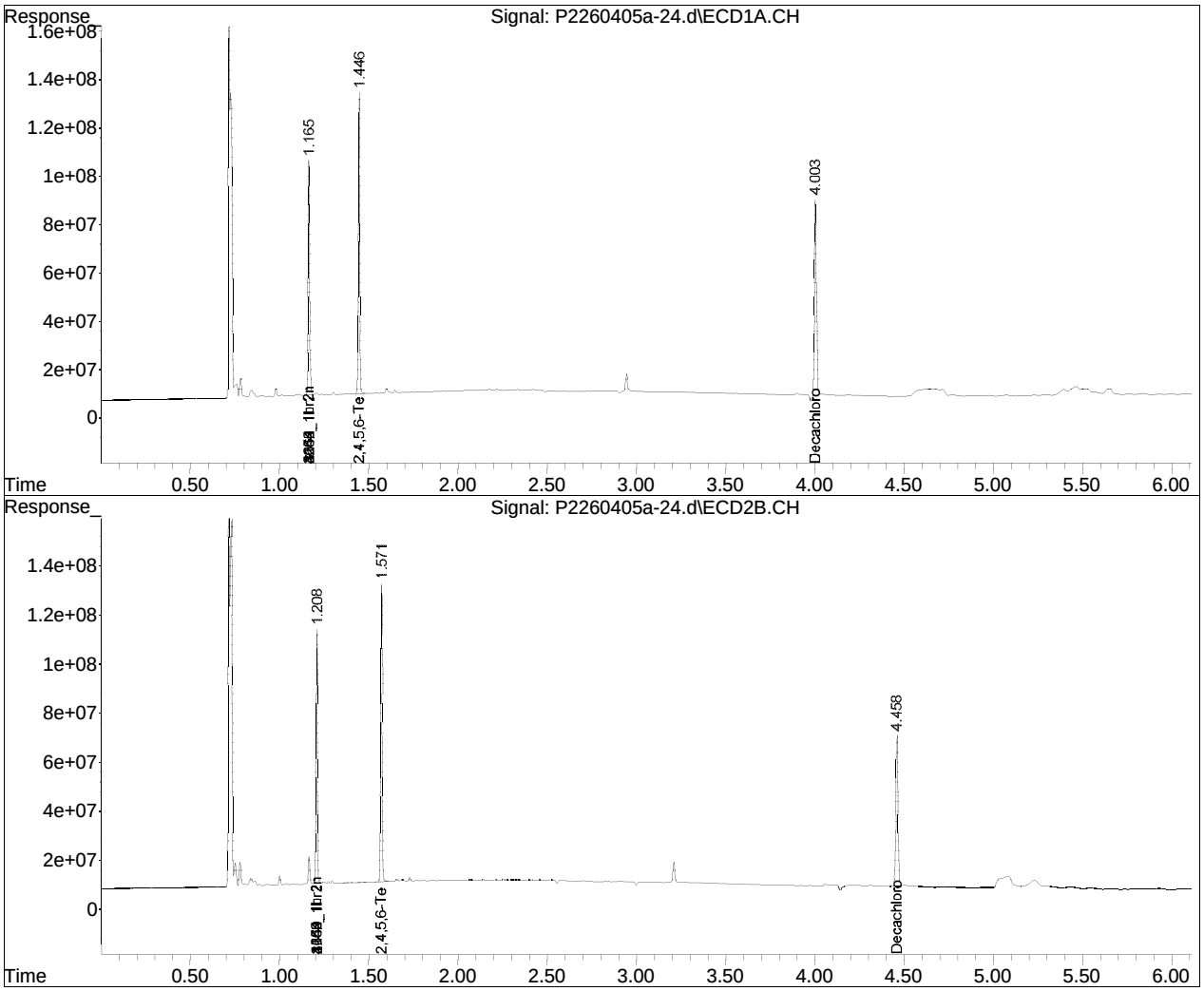
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listedP2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-24.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:32
Operator : pest2:emr
Sample : WG2193331-1,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:37 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

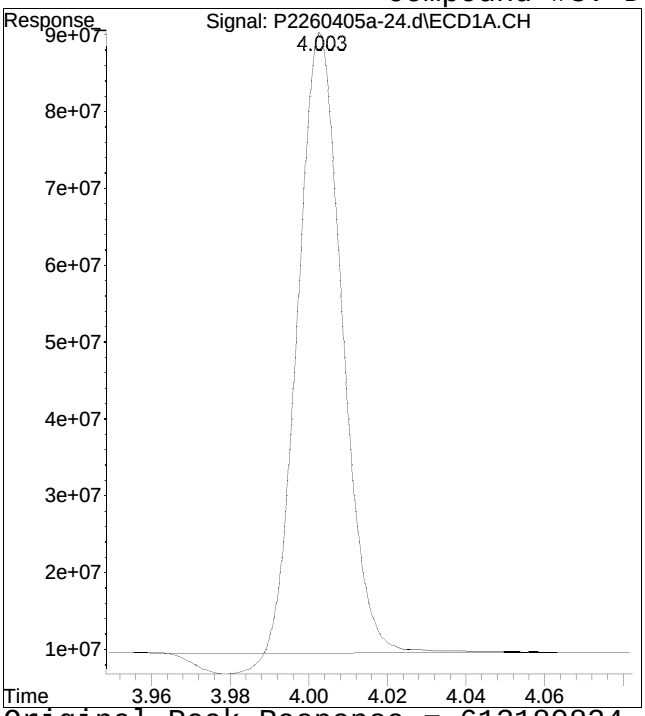
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



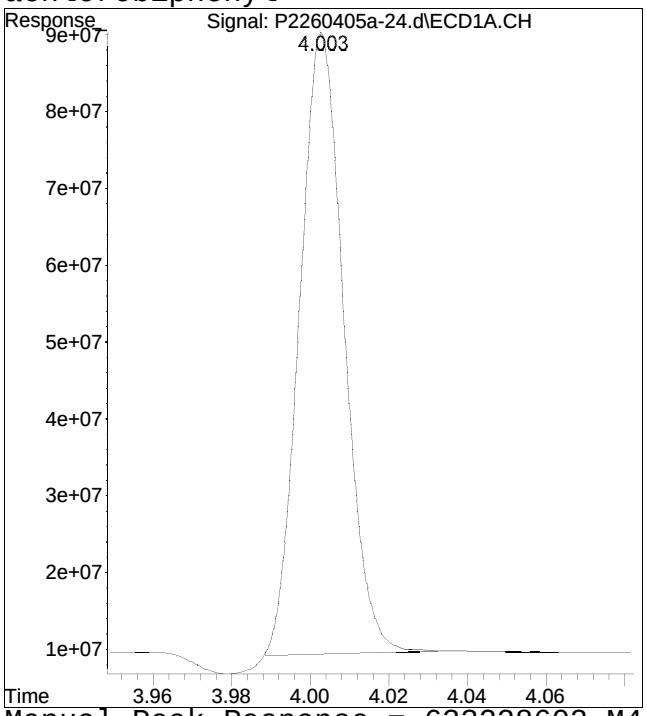
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-24.d Operator : pest2:emr
Date Inj'd : 4/5/2026 17:32 Instrument : Pest 2
Sample : WG2193331-1,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 613189824



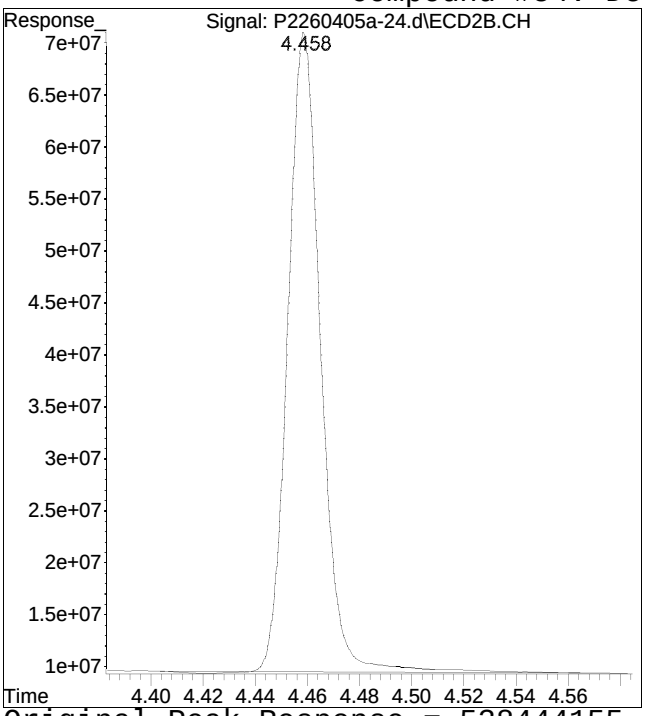
Manual Peak Response = 633228602 M4

M4 = Baseline adjustment required

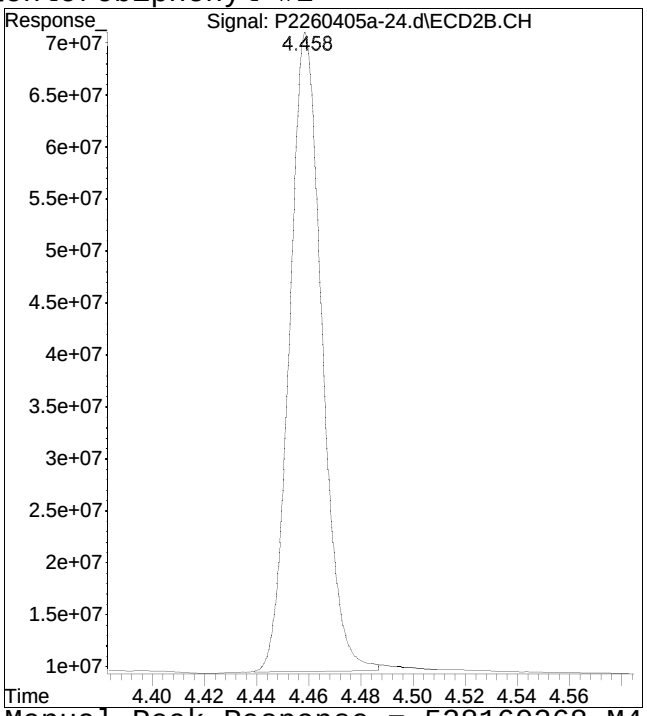
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-24.d Operator : pest2:emr
Date Inj'd : 4/5/2026 17:32 Instrument : Pest 2
Sample : WG2193331-1,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #54: Decachlorobiphenyl #2



Original Peak Response = 538444155



Manual Peak Response = 528160268 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-25.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:41
Operator : pest2:emr
Sample : WG2193331-2,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:42 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.162	1.209	539.0E6	494.2E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	109.23%	
	Standard Area 1 : #2 = 527439139				Recovery =	93.69%	
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.440	1.570	666.4E6	627.6E6	25.160	24.276
	Spiked Amount 50.000	Range 30 - 150		Recovery =		50.32%	48.55%
3) s	Decachlorobi	3.986	4.451	635.0E6	540.3E6	27.230M4	31.645
	Spiked Amount 50.000	Range 30 - 150		Recovery =		54.46%	63.29%
	Target Compounds						
4) l1	1016-1	1.576	1.765	74785755	82690247	166.701	171.844
5) l1	1016-2	1.715	1.930	169.8E6	174.2E6	160.869M3	162.549M3
6) l1	1016-3	1.902	2.126	368.8E6	349.8E6	169.715	158.657
7) l1	1016-4	1.955	2.185	153.6E6	144.5E6	177.293	164.385
8) l1	1016-5	2.123	2.392	156.2E6	191.9E6	171.321	295.819
	Sum 1016-1			923.2E6	943.1E6	845.900	953.254
	Average 1016-1					169.180	190.651
9) l2	1260-1	2.660	2.990	265.4E6	195.6E6	193.638	143.831
10) l2	1260-2	2.789	3.092	394.9E6	279.2E6	183.358	180.892
11) l2	1260-3	3.103	3.478	239.2E6	231.5E6	222.542	204.017
12) l2	1260-4	3.257	3.608	524.1E6	460.2E6	213.950M4	214.461
13) l2	1260-5	3.404	3.806	382.7E6	311.0E6	208.909M4	206.237
	Sum 1260-1			1806.4E6	1477.5E6	1022.398	949.438
	Average 1260-1					204.480	189.888

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-25.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:41
Operator : pest2:emr
Sample : WG2193331-2,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:42 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1221-1			0	0	N.D.	N.D.
Average 1221-1					0.000	0.000
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

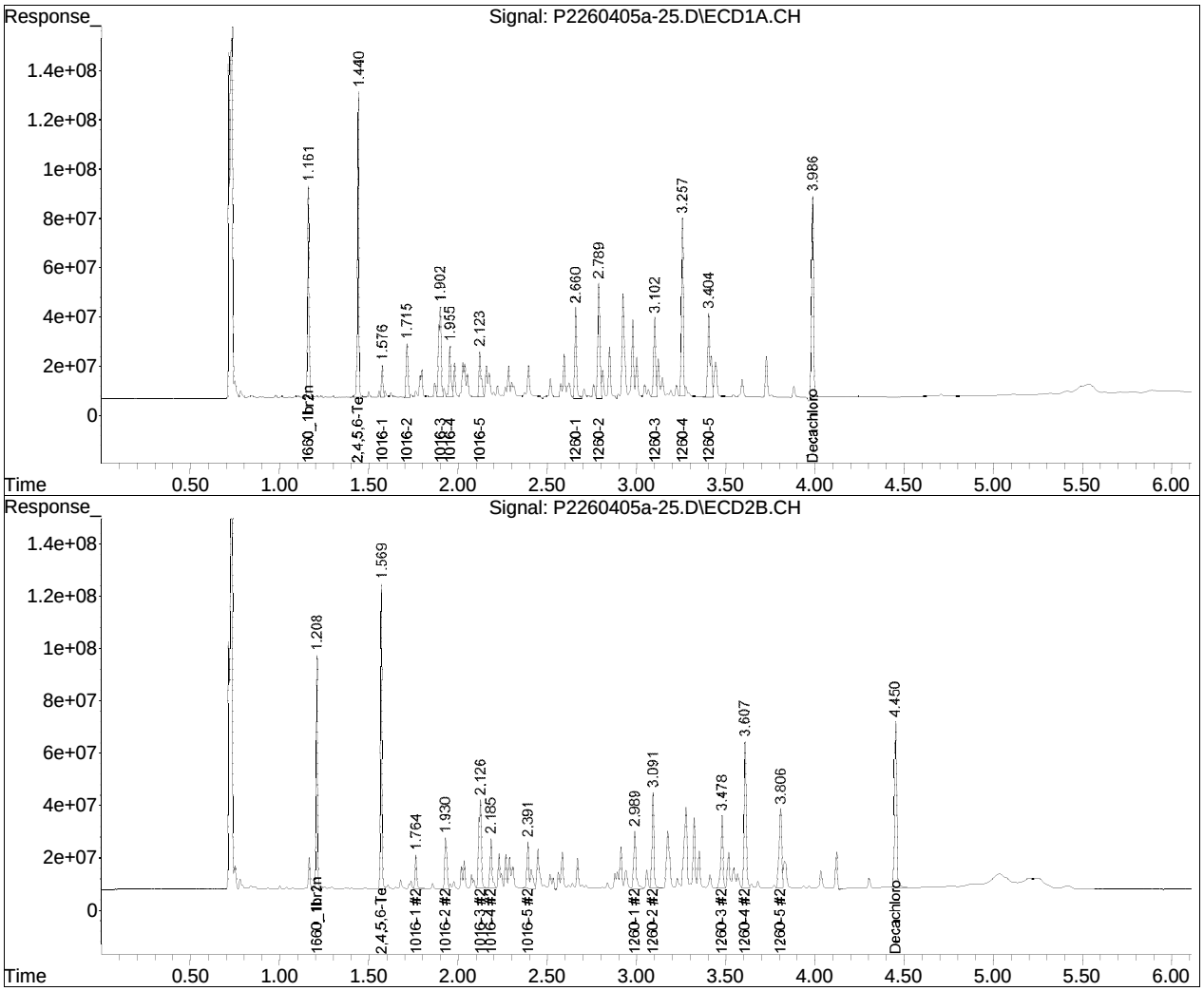
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : 1660 - 1660Pest2\2026\260405a\P2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-25.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:41
Operator : pest2:emr
Sample : WG2193331-2,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:42 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

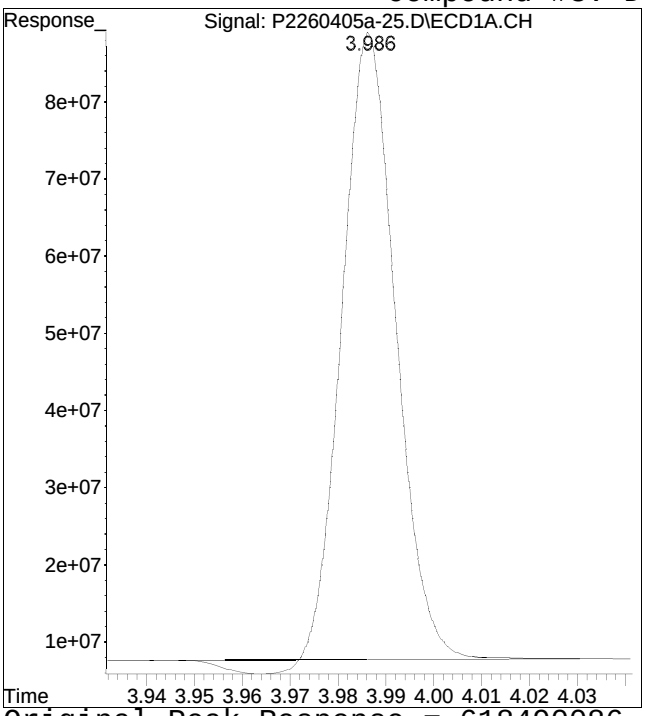
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



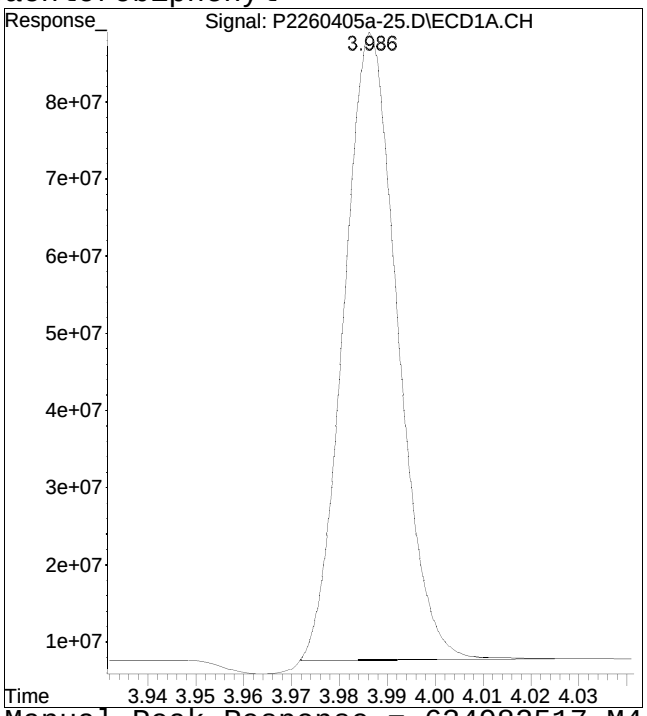
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-25.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:41 Instrument : Pest 2
Sample : WG2193331-2,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 618490086



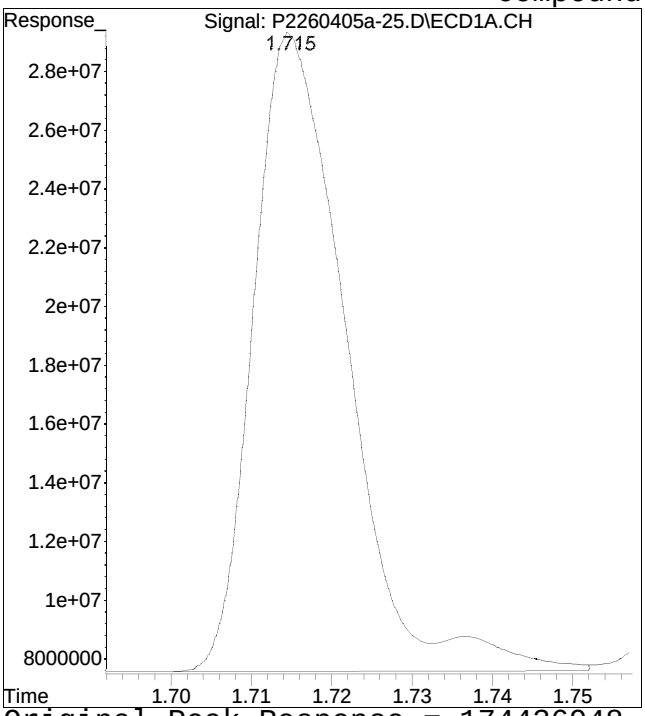
Manual Peak Response = 634982517 M4

M4 = Baseline adjustment required

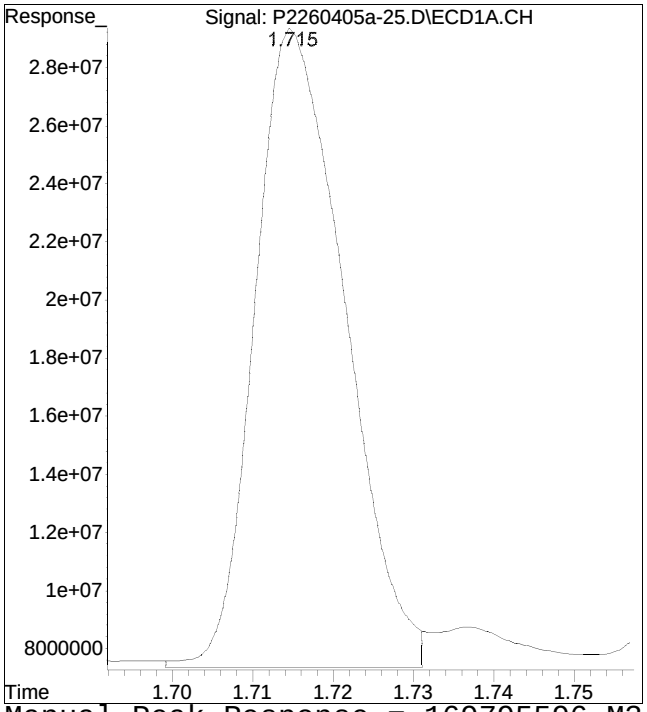
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-25.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:41 Instrument : Pest 2
Sample : WG2193331-2,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #5: 1016-2



Original Peak Response = 174436948



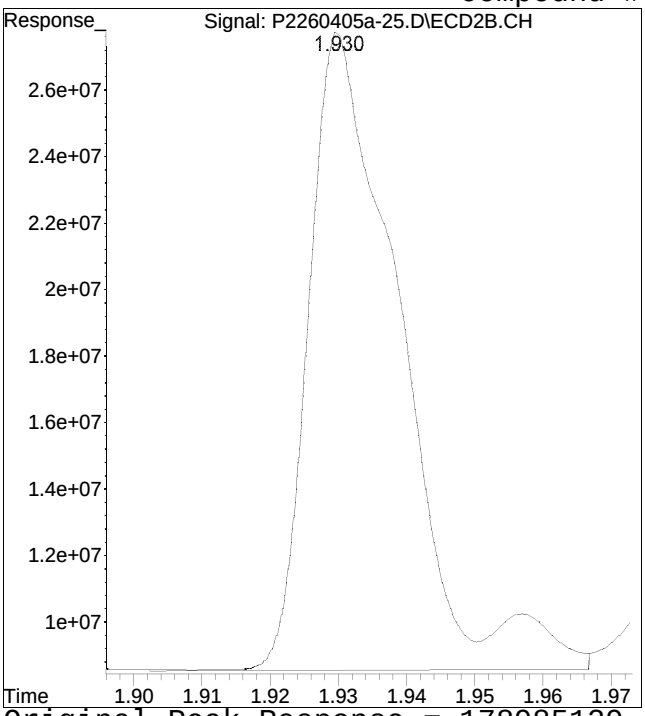
Manual Peak Response = 169795596 M3

M3 = Wrong Peak Identified

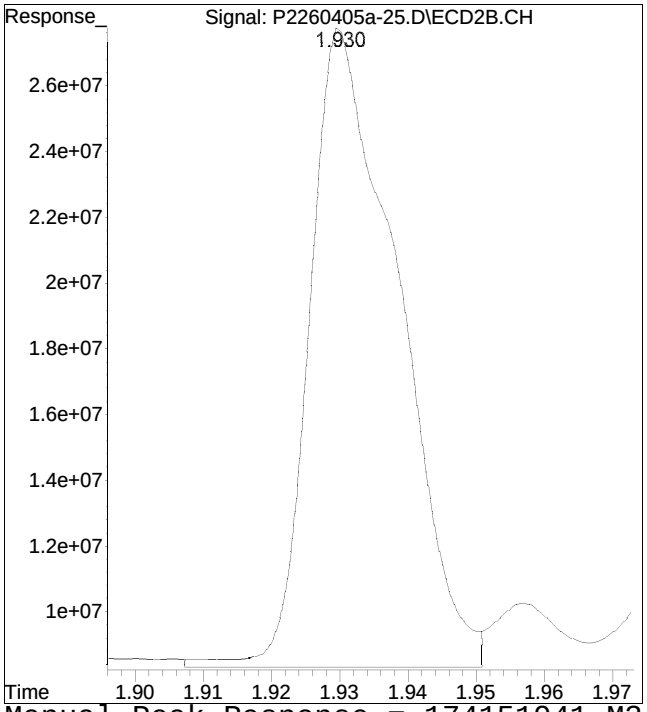
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-25.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:41 Instrument : Pest 2
Sample : WG2193331-2,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #56: 1016-2 #2



Original Peak Response = 178985129



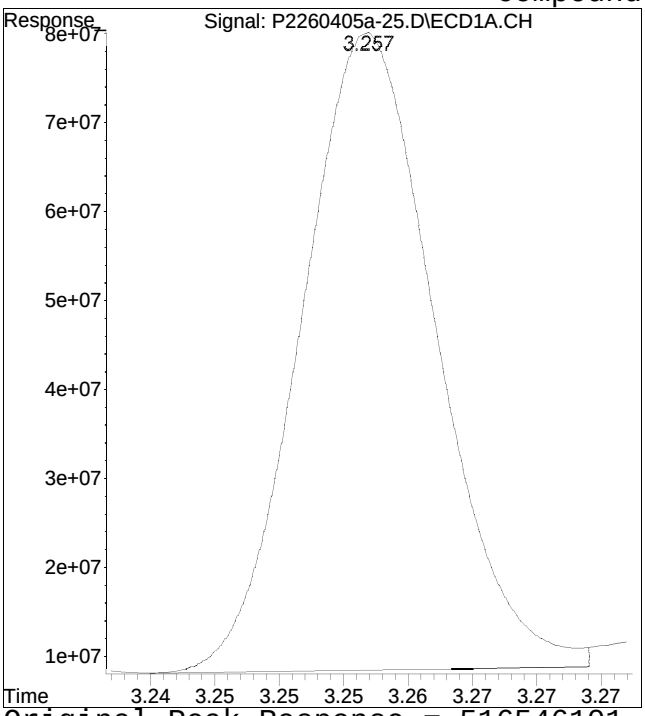
Manual Peak Response = 174151941 M3

M3 = Wrong Peak Identified

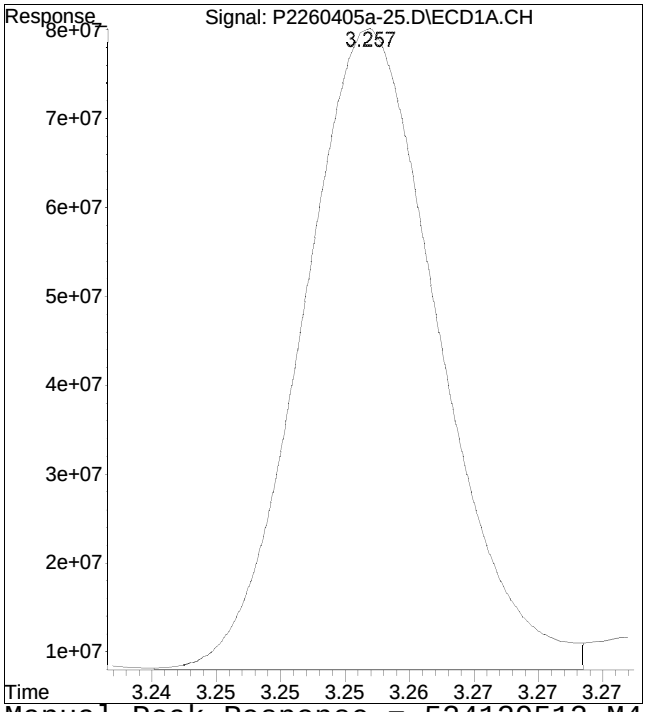
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-25.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:41 Instrument : Pest 2
Sample : WG2193331-2,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #12: 1260-4



Original Peak Response = 516546101



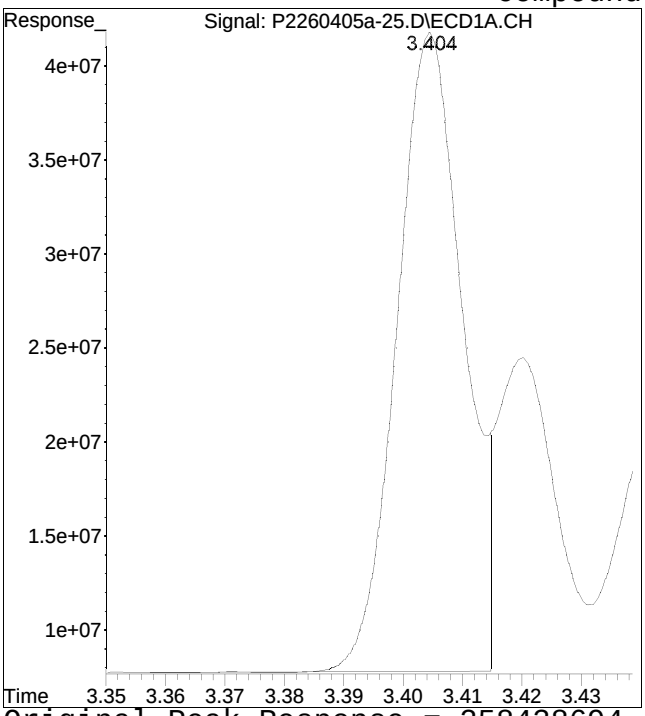
Manual Peak Response = 524129512 M4

M4 = Baseline adjustment required

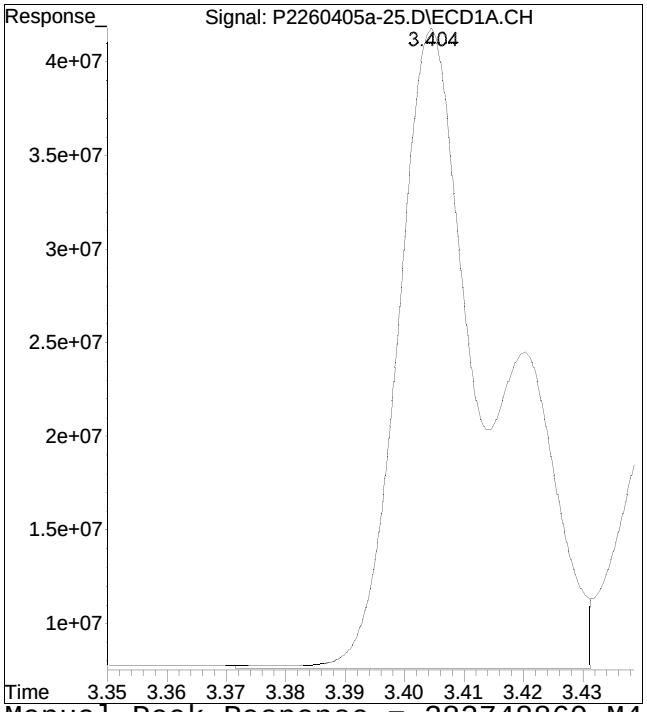
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-25.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:41 Instrument : Pest 2
Sample : WG2193331-2,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #13: 1260-5



Original Peak Response = 258438694



Manual Peak Response = 382748860 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:51
Operator : pest2:emr
Sample : WG2193331-3,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 26 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:47 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.162	1.210	521.1E6	482.4E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	105.61%	
	Standard Area 1 : #2 = 527439139				Recovery =	91.46%	
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.440	1.570	569.3E6	535.5E6	22.231	21.220
	Spiked Amount 50.000	Range 30 - 150		Recovery =		44.46%	42.44%
3) s	Decachlorobi	3.985	4.451	569.1E6	470.6E6	25.244M4	28.231
	Spiked Amount 50.000	Range 30 - 150		Recovery =		50.49%	56.46%
	Target Compounds						
4) l1	1016-1	1.576	1.764	65705925	71706423	151.486	152.649
5) l1	1016-2	1.715	1.929	150.0E6	150.8E6	146.944	144.203M3
6) l1	1016-3	1.901	2.126	315.1E6	306.9E6	149.960	142.573
7) l1	1016-4	1.955	2.186	132.0E6	126.8E6	157.648	147.790
8) l1	1016-5	2.123	2.392	134.2E6	101.0E6	152.238	159.482
	Sum 1016-1			797.0E6	757.2E6	758.276	746.696
	Average 1016-1					151.655	149.339
9) l2	1260-1	2.659	2.991	218.2E6	179.1E6	164.669	134.880
10) l2	1260-2	2.788	3.092	337.5E6	245.8E6	162.063	163.117
11) l2	1260-3	3.101	3.478	208.2E6	204.0E6	200.355	184.166
12) l2	1260-4	3.256	3.608	456.6E6	404.9E6	192.771	193.286
13) l2	1260-5	3.403	3.806	332.2E6	280.5E6	187.539M4	190.565
	Sum 1260-1			1552.7E6	1314.3E6	907.397	866.014
	Average 1260-1					181.479	173.203
	Sum 1221-1			0	0	N.D.	N.D.

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:51
Operator : pest2:emr
Sample : WG2193331-3,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 26 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:47 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Average 1221-1					0.000	0.000
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

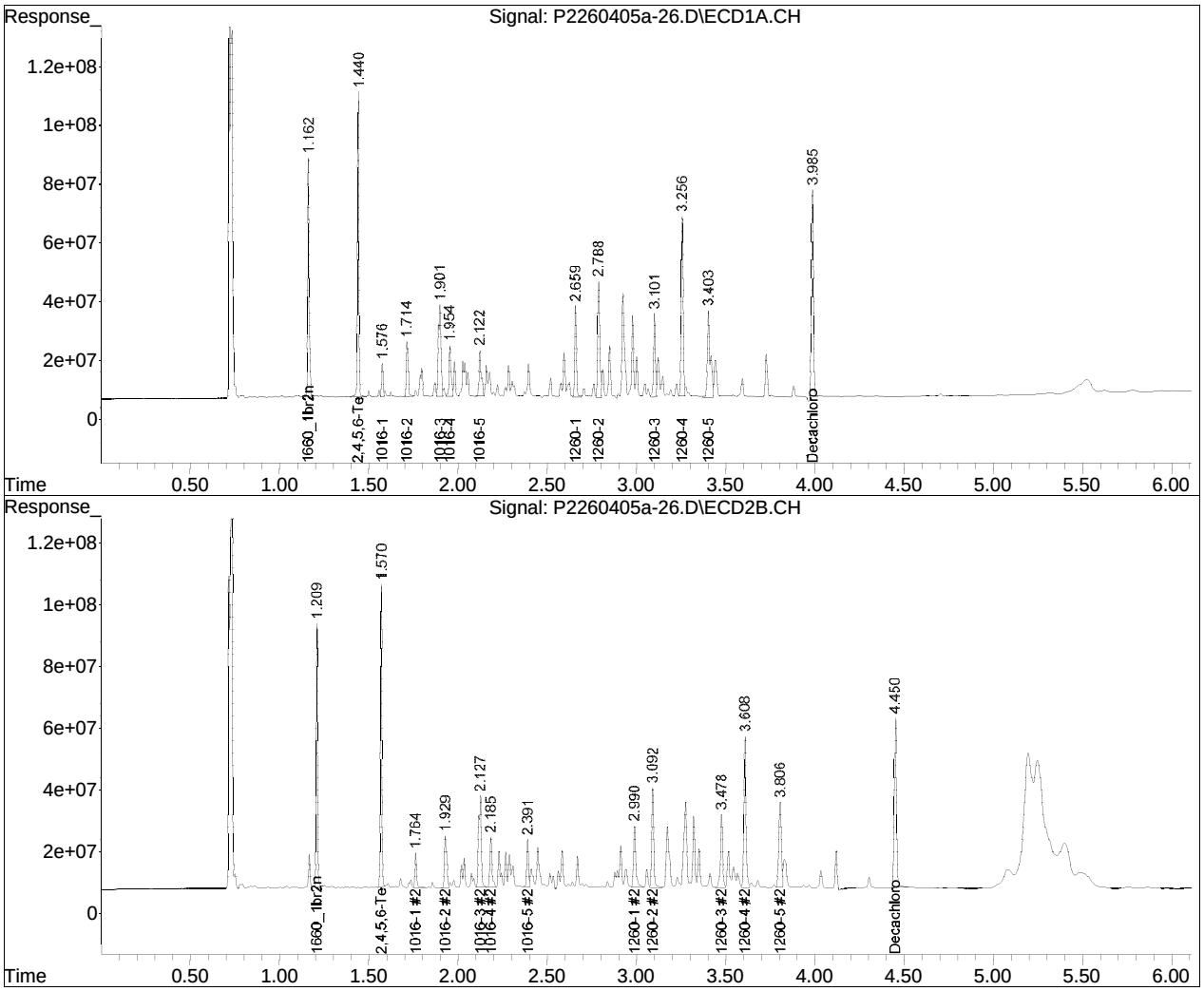
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : 1660 - 1660Pest2\2026\260405a\P2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 17:51
Operator : pest2:emr
Sample : WG2193331-3,42,, rcln
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 26 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:36:47 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

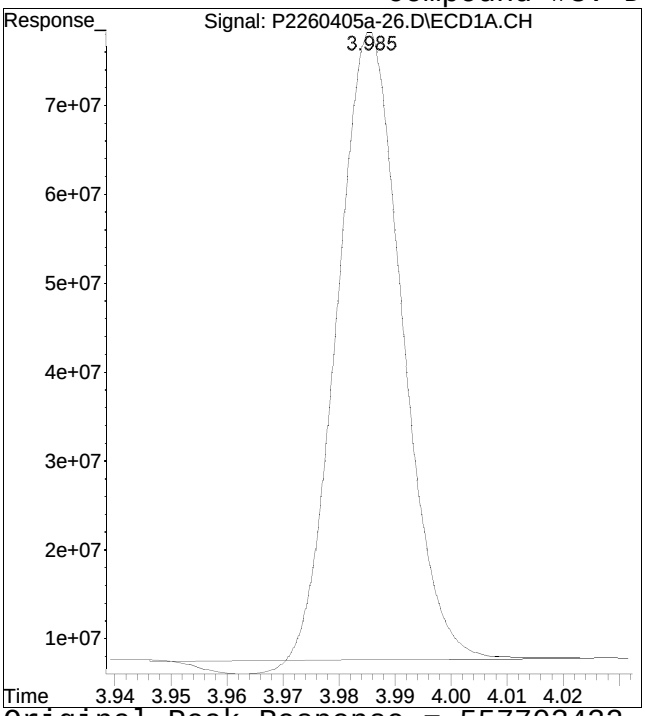
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



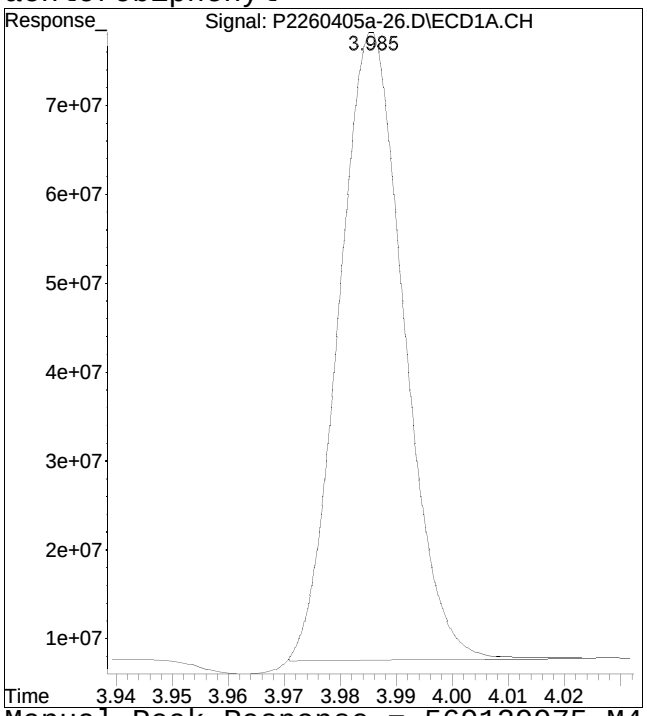
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-26.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:51 Instrument : Pest 2
Sample : WG2193331-3,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 557703432



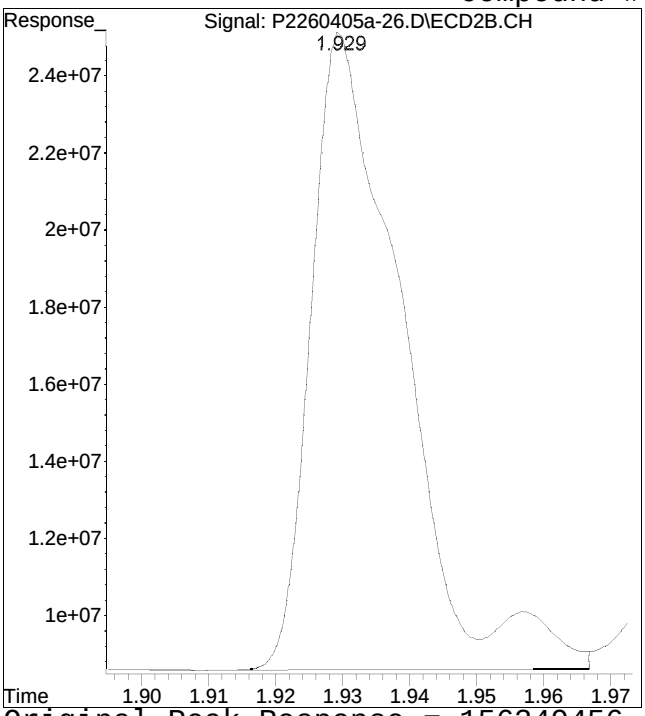
Manual Peak Response = 569129975 M4

M4 = Baseline adjustment required

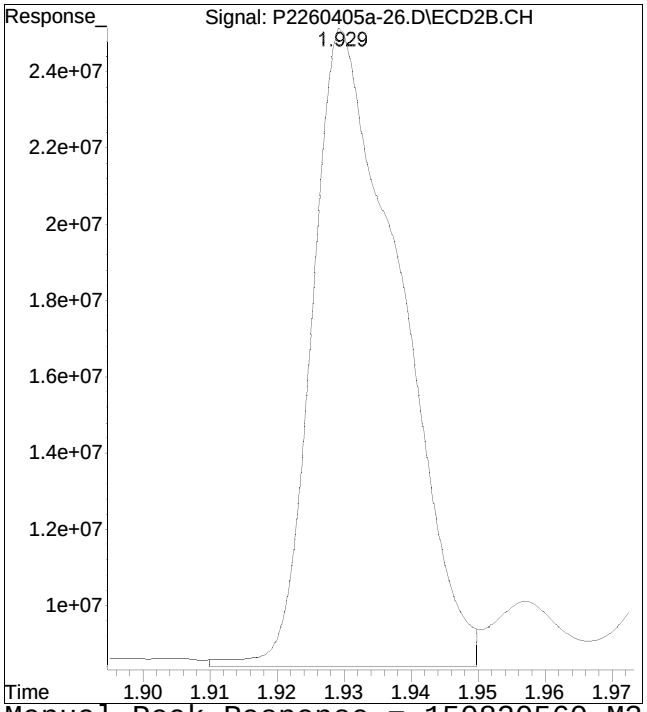
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-26.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:51 Instrument : Pest 2
Sample : WG2193331-3,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #56: 1016-2 #2



Original Peak Response = 156349456



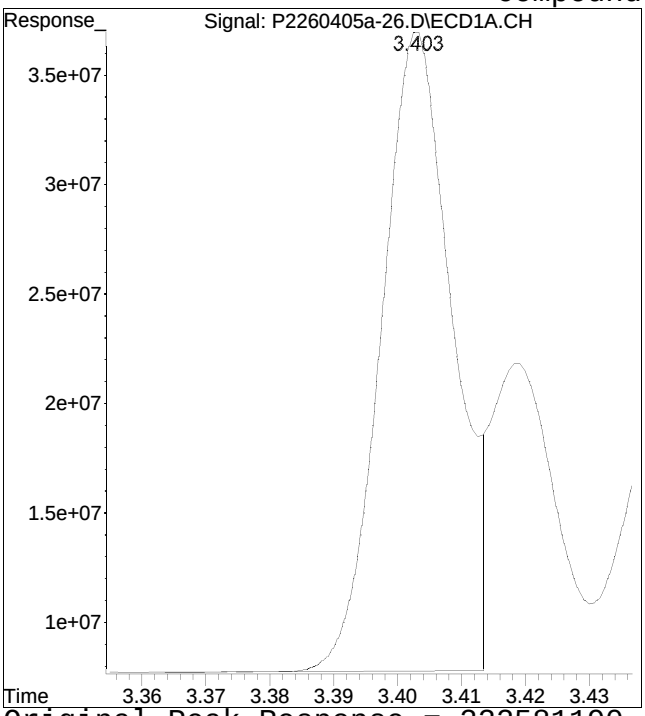
Manual Peak Response = 150820560 M3

M3 = Wrong Peak Identified

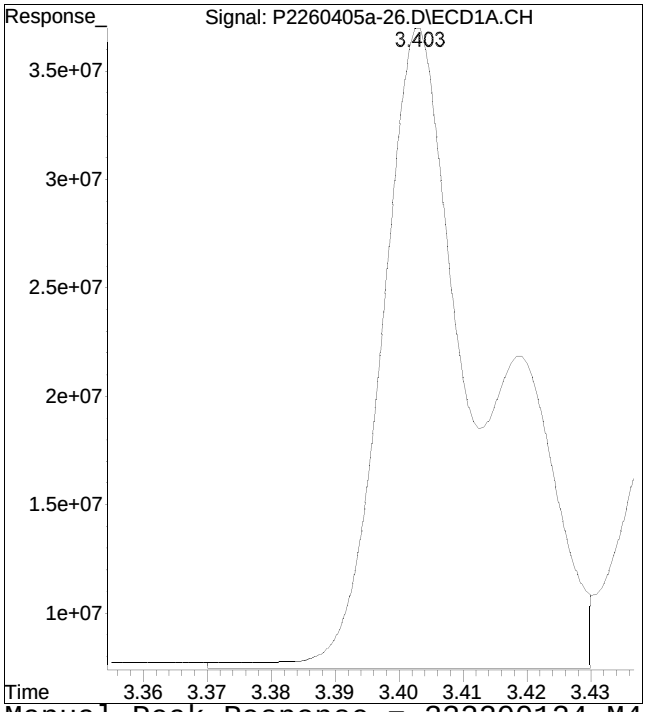
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-26.D Operator : pest2:emr
Date Inj'd : 4/5/2026 17:51 Instrument : Pest 2
Sample : WG2193331-3,42,, rcln Quant Date : 4/6/2026 9:36 am

Compound #13: 1260-5



Original Peak Response = 222581190



Manual Peak Response = 332200124 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-30.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:28
Operator : pest2:emr
Sample : WG2193331-4,42,, rcln ms
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:07 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.164	1.212	559.2E6	552.6E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	113.32%	
	Standard Area 1 : #2 = 527439139				Recovery =	104.77%	
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.442	1.573	724.0E6	701.4E6	26.350	24.265
	Spiked Amount 50.000	Range 30 - 150		Recovery =		52.70%	48.53%
3) s	Decachlorobi	3.986	4.452	470.0E6	428.2E6	19.428M4	22.427
	Spiked Amount 50.000	Range 30 - 150		Recovery =		38.86%	44.85%
	Target Compounds						
4) l1	1016-1	1.578	1.767	65774290	79932655	141.324	148.543
5) l1	1016-2	1.716	1.934	158.0E6	171.0E6	144.295M3	142.688
6) l1	1016-3	1.903	2.128	331.5E6	331.2E6	147.028	134.344
7) l1	1016-4	1.956	2.188	130.9E6	133.0E6	145.628M3	135.278
8) l1	1016-5	2.124	2.394	140.2E6	107.7E6	148.230	148.504
Sum	1016-1			826.3E6	822.8E6	726.506	709.357
Average	1016-1					145.301	141.871
9) l2	1260-1	2.661	2.993	220.1E6	195.9E6	154.791	128.819
10) l2	1260-2	2.790	3.094	332.3E6	256.6E6	148.746	148.657
11) l2	1260-3	3.103	3.481	186.2E6	198.0E6	166.916	156.063
12) l2	1260-4	3.256	3.610	401.5E6	387.7E6	157.962M4	161.572
13) l2	1260-5	3.404	3.808	307.5E6	274.7E6	161.791M4	162.909
Sum	1260-1			1447.5E6	1313.0E6	790.206	758.021
Average	1260-1					158.041	151.604

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-30.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:28
Operator : pest2:emr
Sample : WG2193331-4,42,, rcln ms
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:07 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1221-1			0	0	N.D.	N.D.
Average 1221-1					0.000	0.000
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

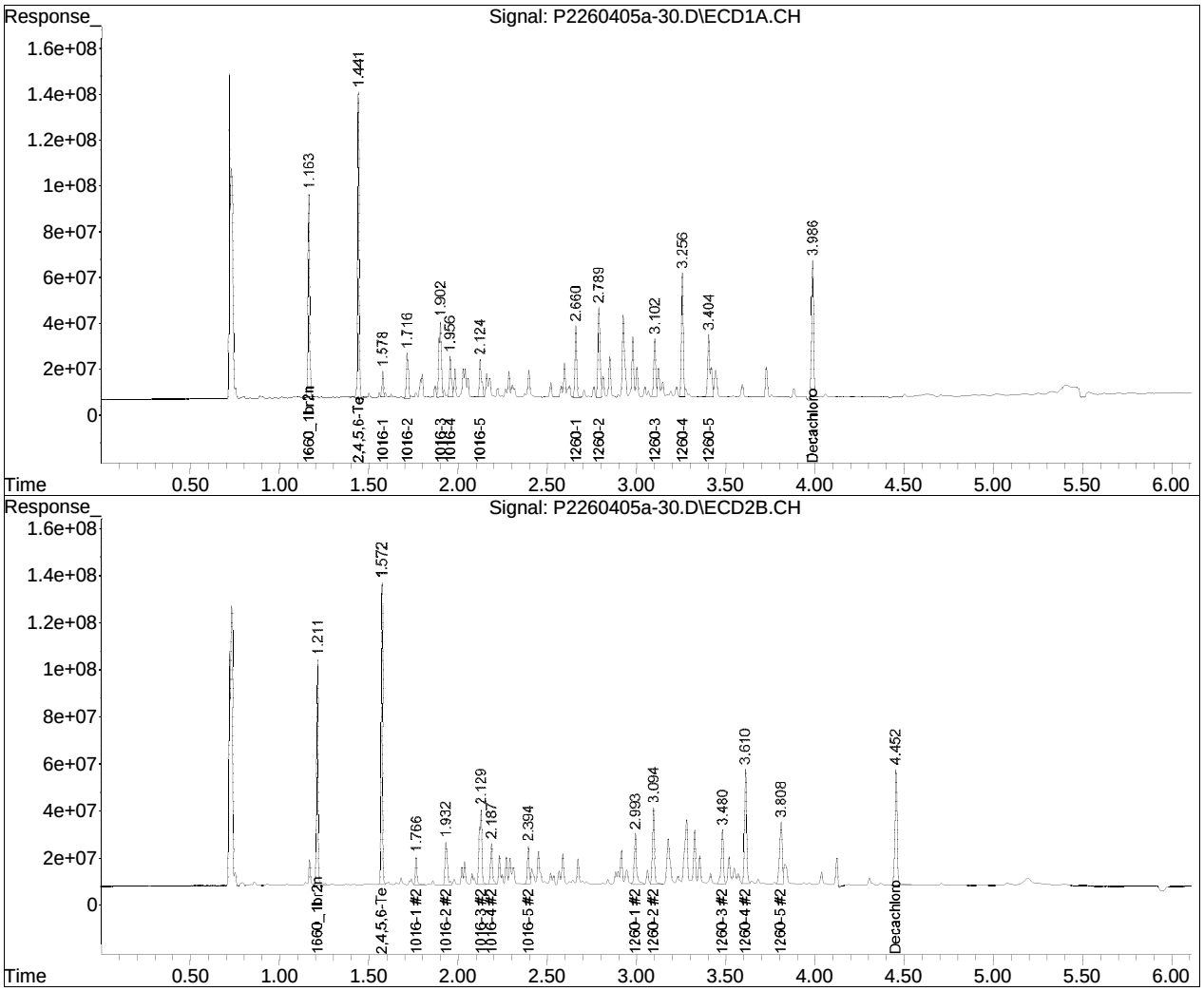
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : 1660 - 1660Pest2\2026\260405a\P2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-30.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:28
Operator : pest2:emr
Sample : WG2193331-4,42,, rcln ms
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:07 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

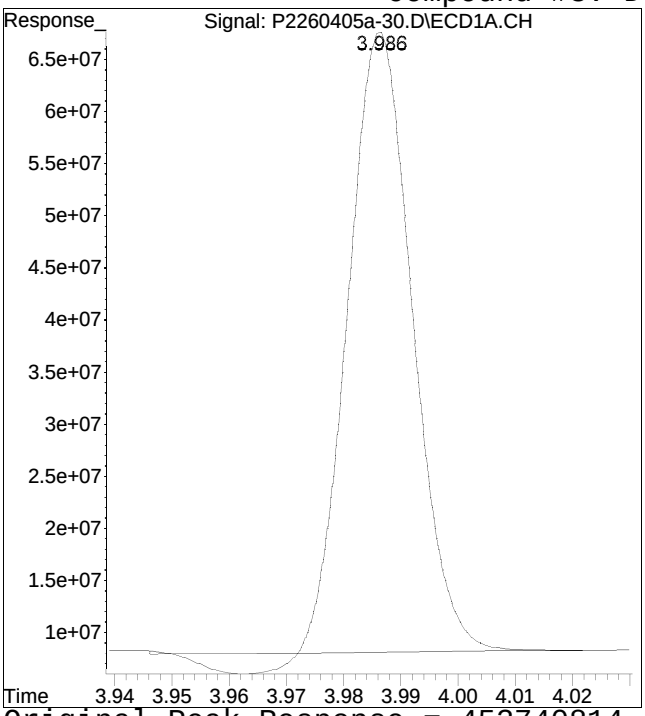
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



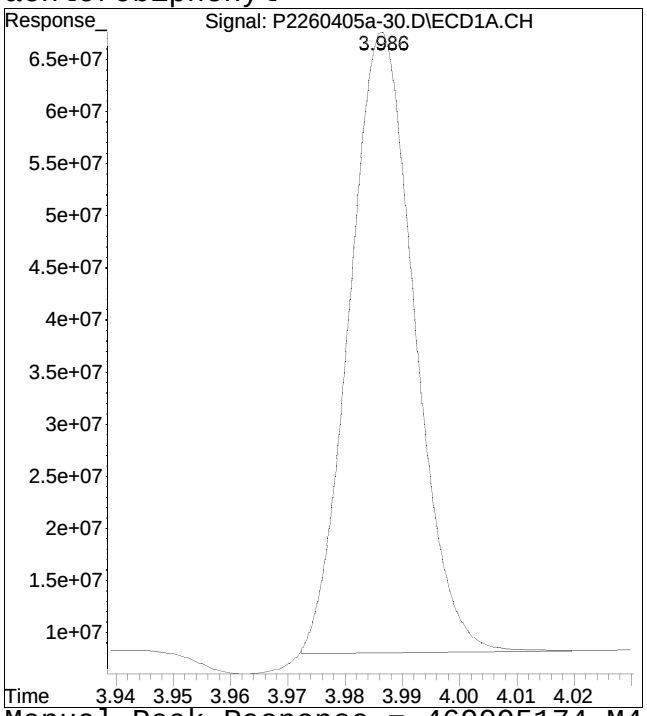
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-30.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:28 Instrument : Pest 2
Sample : WG2193331-4,42,, rcln ms Quant Date : 4/6/2026 9:37 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 453740814



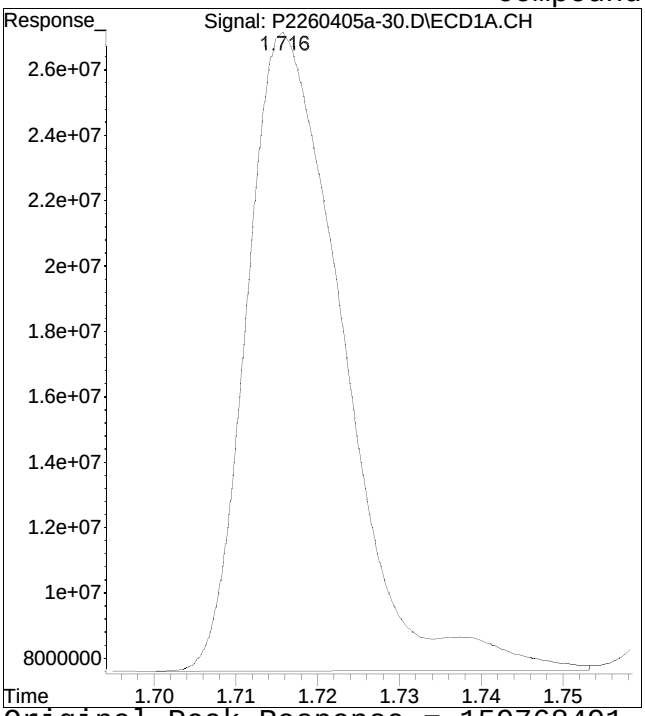
Manual Peak Response = 469995174 M4

M4 = Baseline adjustment required

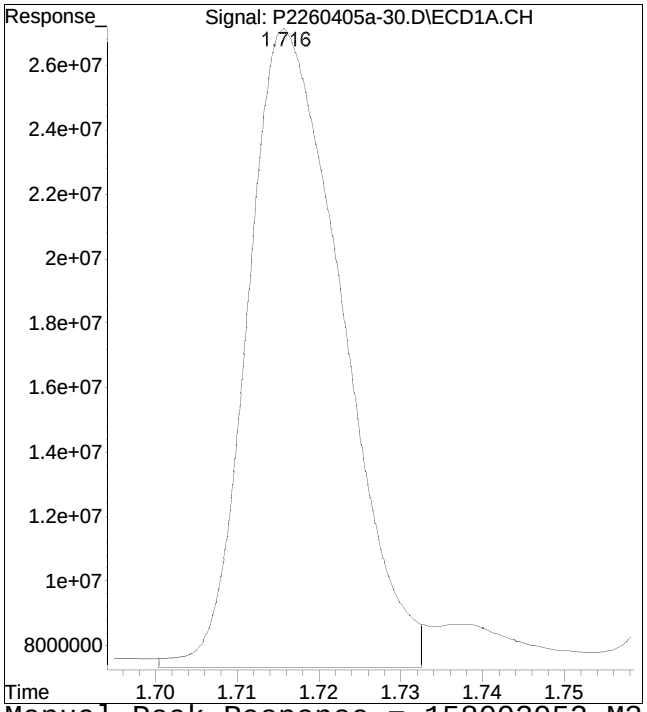
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-30.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:28 Instrument : Pest 2
Sample : WG2193331-4,42,, rcln ms Quant Date : 4/6/2026 9:37 am

Compound #5: 1016-2



Original Peak Response = 159768491



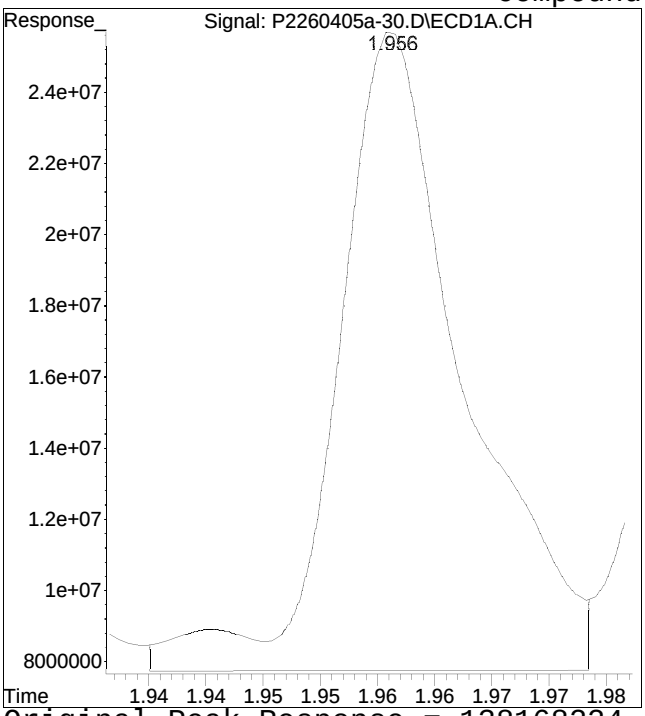
Manual Peak Response = 158003952 M3

M3 = Wrong Peak Identified

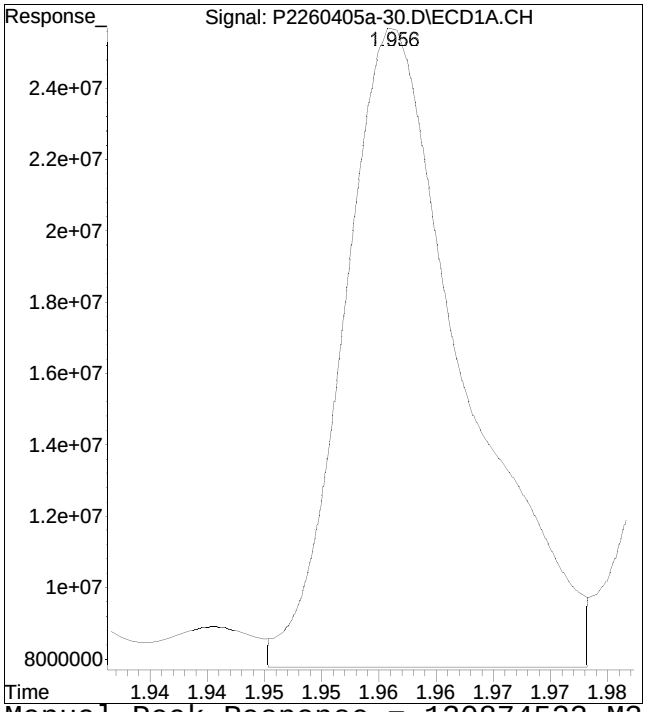
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-30.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:28 Instrument : Pest 2
Sample : WG2193331-4,42,, rcln ms Quant Date : 4/6/2026 9:37 am

Compound #7: 1016-4



Original Peak Response = 138168224



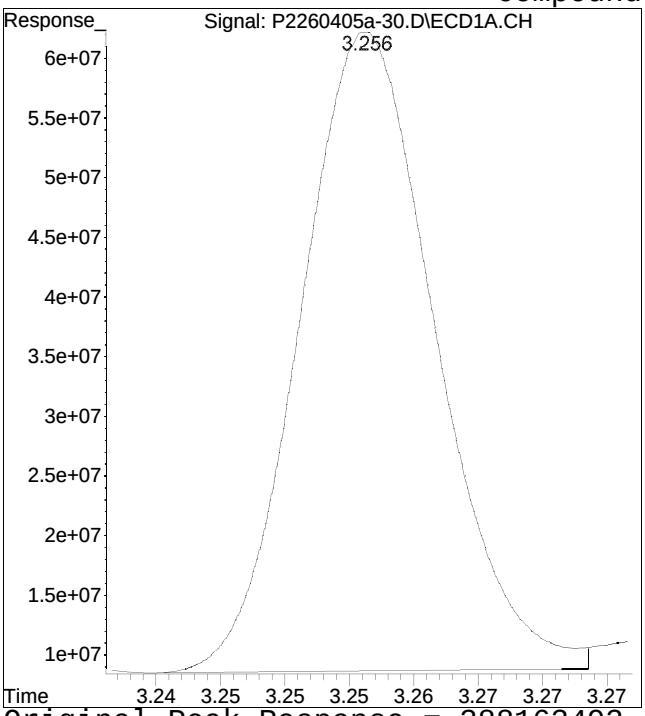
Manual Peak Response = 130874533 M3

M3 = Wrong Peak Identified

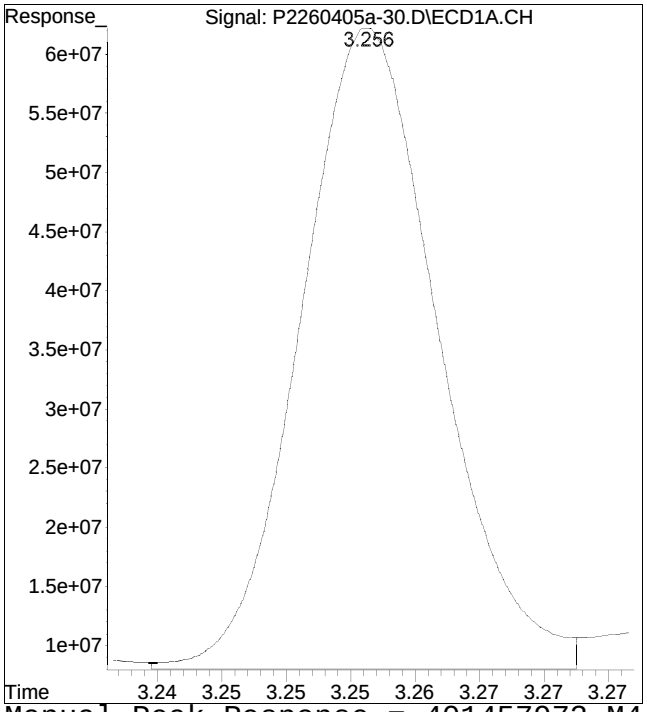
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-30.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:28 Instrument : Pest 2
Sample : WG2193331-4,42,, rcln ms Quant Date : 4/6/2026 9:37 am

Compound #12: 1260-4



Original Peak Response = 388163493



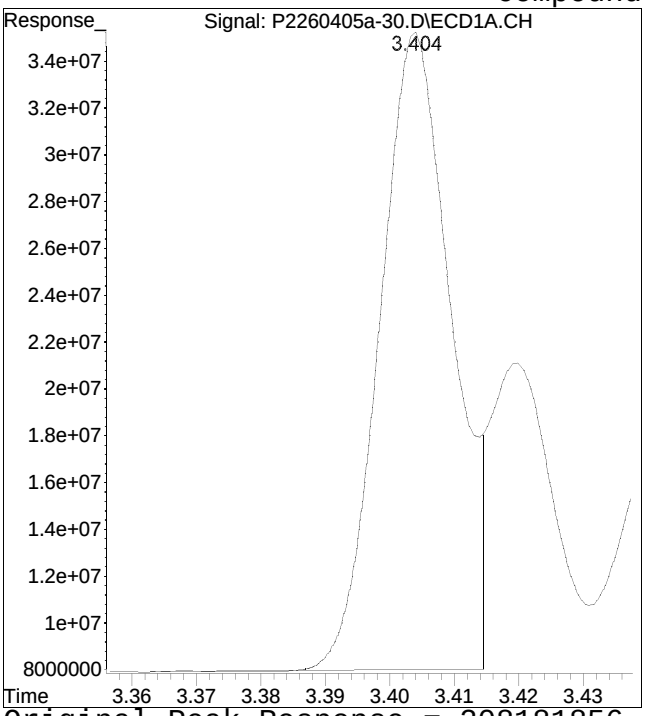
Manual Peak Response = 401457973 M4

M4 = Baseline adjustment required

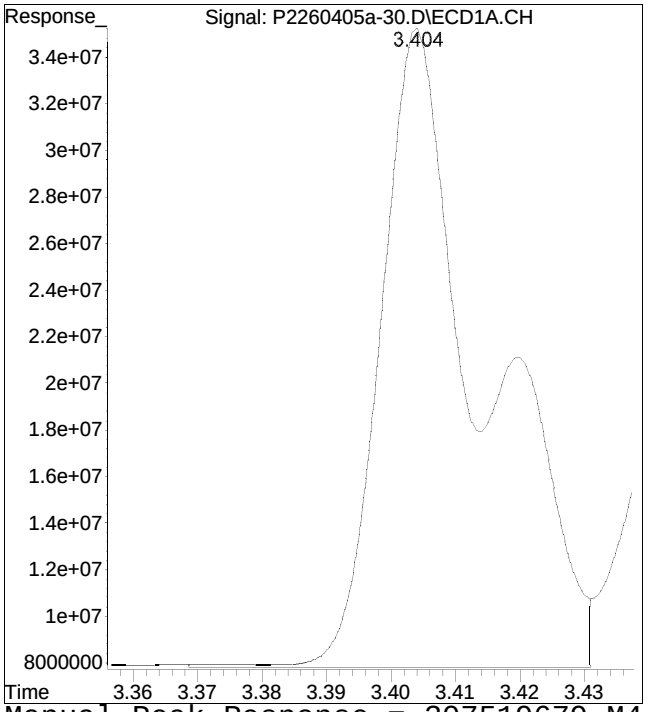
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-30.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:28 Instrument : Pest 2
Sample : WG2193331-4,42,, rcln ms Quant Date : 4/6/2026 9:37 am

Compound #13: 1260-5



Original Peak Response = 208181856



Manual Peak Response = 307519679 M4

M4 = Baseline adjustment required

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:38
Operator : pest2:emr
Sample : WG2193331-5,42,, rcln msd
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:39 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Internal Standards						
1) i	1660_1br2nb	1.164	1.212	512.4E6	483.1E6	25.000	25.000
	Standard Area 1 : #1 = 493439432				Recovery =	103.83%	
	Standard Area 1 : #2 = 527439139				Recovery =	91.60%	
	System Monitoring Compounds						
2) s	2,4,5,6-Tetr	1.442	1.573	779.7E6	763.9E6	30.968	30.227
	Spiked Amount 50.000	Range 30 - 150		Recovery =		61.94%	60.45%
3) s	Decachlorobi	3.987	4.453	509.2E6	435.5E6	22.971M4	26.091
	Spiked Amount 50.000	Range 30 - 150		Recovery =		45.94%	52.18%
	Target Compounds						
4) l1	1016-1	1.578	1.766	71393509	81518064	167.410	173.281M3
5) l1	1016-2	1.716	1.932	165.4E6	174.1E6	164.894M3	166.200M3
6) l1	1016-3	1.903	2.129	352.4E6	353.7E6	170.581	164.080
7) l1	1016-4	1.957	2.188	140.7E6	143.2E6	170.889M3	166.644
8) l1	1016-5	2.124	2.394	151.3E6	115.4E6	174.511	181.924M3
Sum	1016-1			881.2E6	867.9E6	848.285	852.129
Average	1016-1					169.657	170.426
9) l2	1260-1	2.661	2.993	233.8E6	203.5E6	179.447	153.100
10) l2	1260-2	2.790	3.095	351.7E6	263.8E6	171.767	174.820
11) l2	1260-3	3.103	3.481	200.6E6	213.5E6	196.261	192.480
12) l2	1260-4	3.257	3.611	454.4E6	419.9E6	195.137M3	200.160
13) l2	1260-5	3.404	3.809	336.6E6	292.6E6	193.282M4	198.471

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:38
Operator : pest2:emr
Sample : WG2193331-5,42,, rcln msd
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:39 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1260-1			1577.0E6	1393.4E6	935.894	919.032
Average 1260-1					187.179	183.806
Sum 1221-1			0	0	N.D.	N.D.
Average 1221-1					0.000	0.000
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:38
Operator : pest2:emr
Sample : WG2193331-5,42,, rcln msd
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:39 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2026\260405a\P2260405a-04.D
Sub List : 1660 - 1660

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

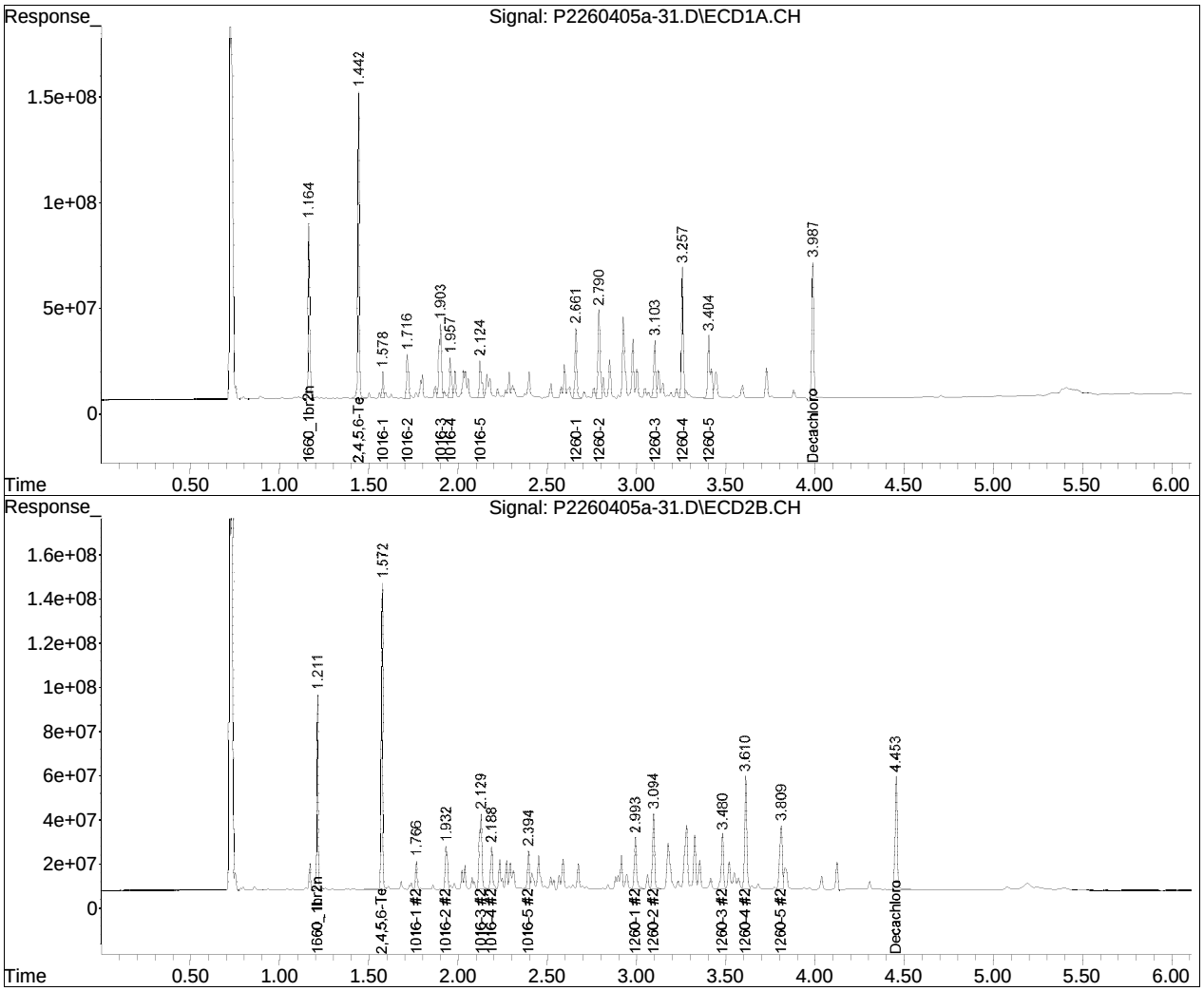
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : 1660 - 1660Pest2\2026\260405a\P2260405a-04.D•

Data Path : I:\PCB\Pest2\2026\260405a\
Data File : P2260405a-31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2026 18:38
Operator : pest2:emr
Sample : WG2193331-5,42,, rcln msd
Misc : WG2194122,WG2193331,ICAL23029
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 09:37:39 2026
Quant Method : I:\PCB\Pest2\2026\260405A\P2_PCB_02_02_26_iRVT_ICAL23029.m
Quant Title : pcb
QLast Update : Wed Feb 04 14:27:00 2026
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

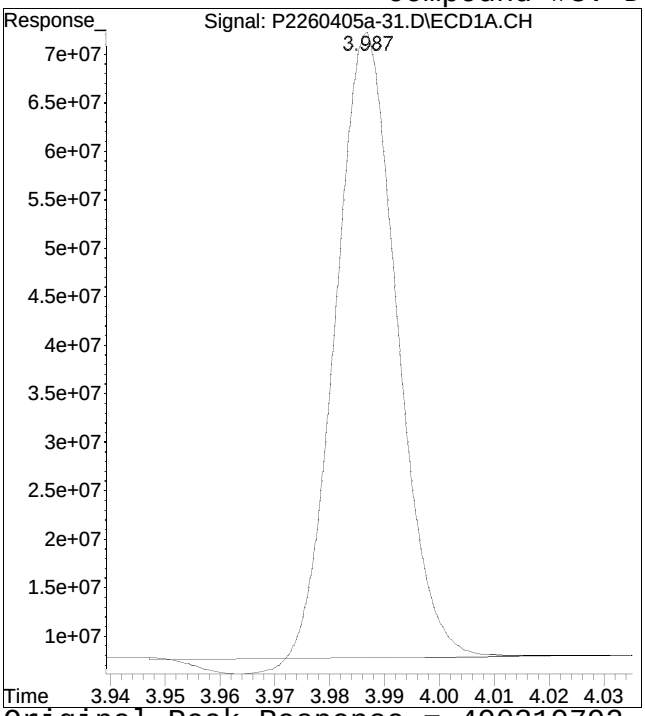
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



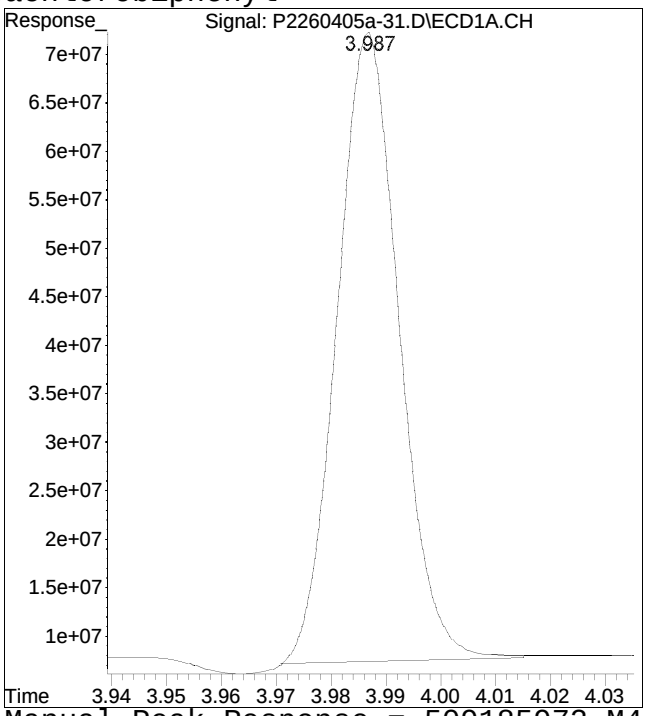
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #3: Decachlorobiphenyl



Original Peak Response = 490319792



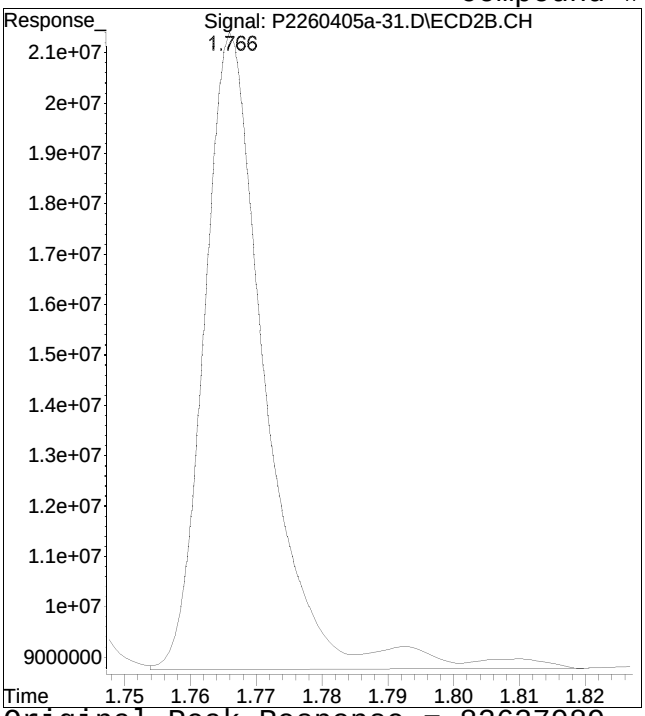
Manual Peak Response = 509185972 M4

M4 = Baseline adjustment required

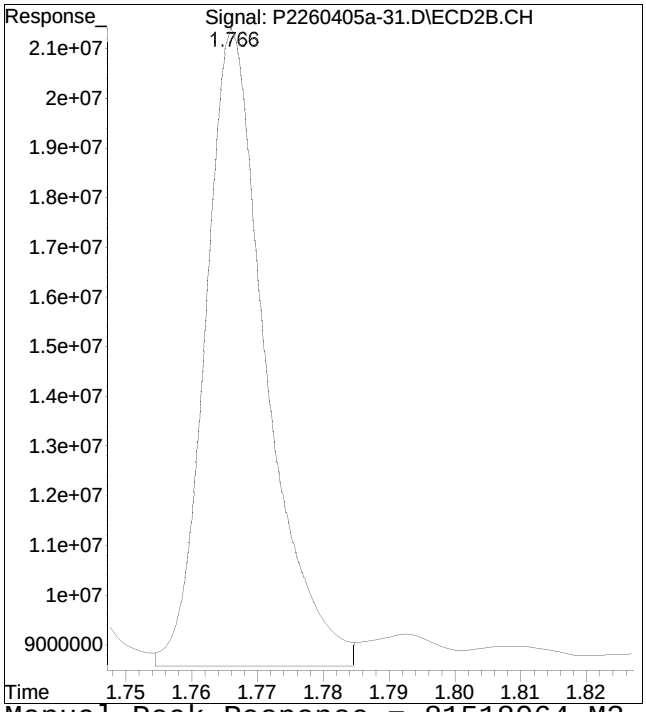
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #55: 1016-1 #2



Original Peak Response = 82637989
M3 = Wrong Peak Identified

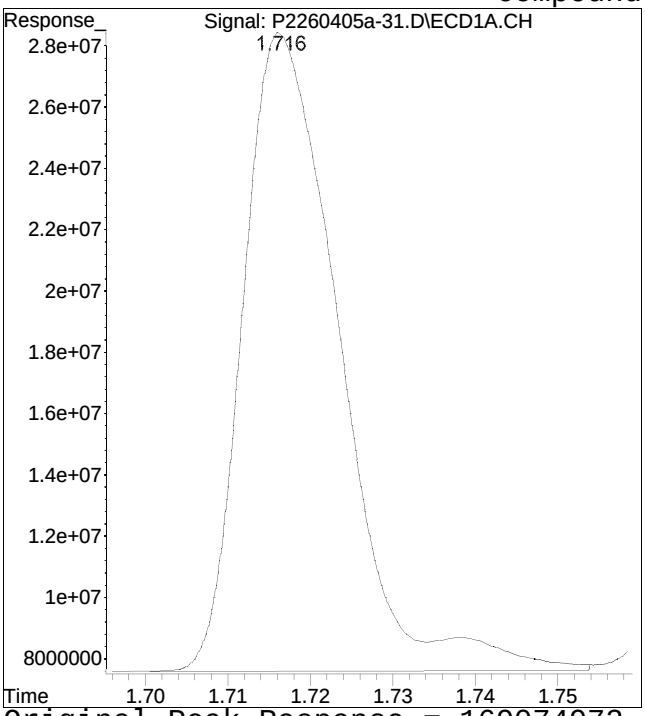


Manual Peak Response = 81518064 M3

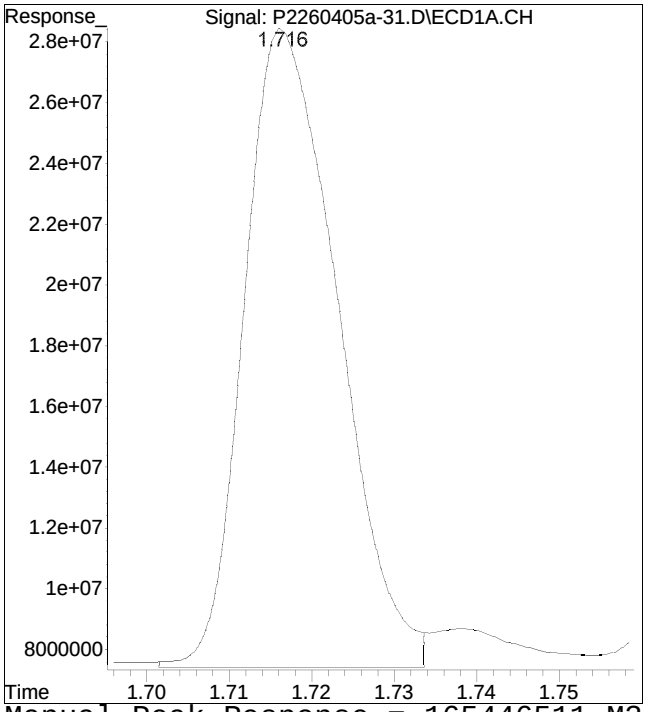
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #5: 1016-2



Original Peak Response = 169074972



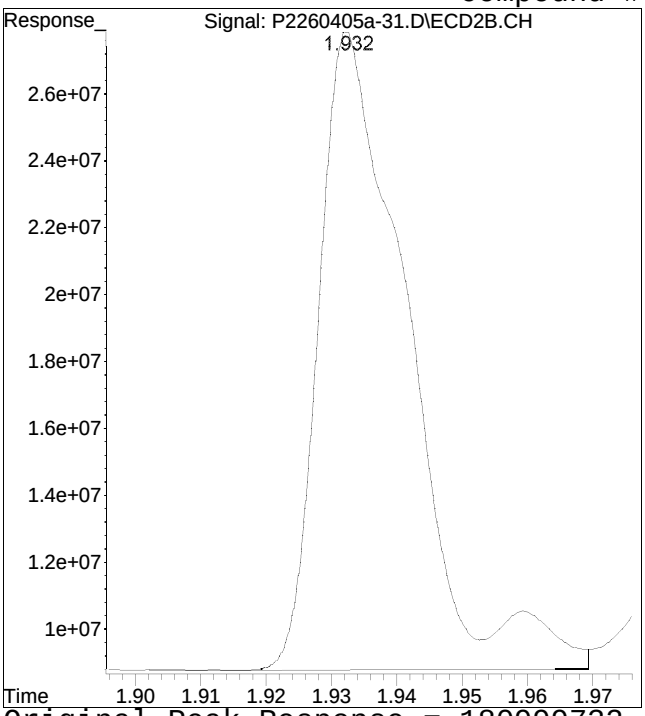
Manual Peak Response = 165446511 M3

M3 = Wrong Peak Identified

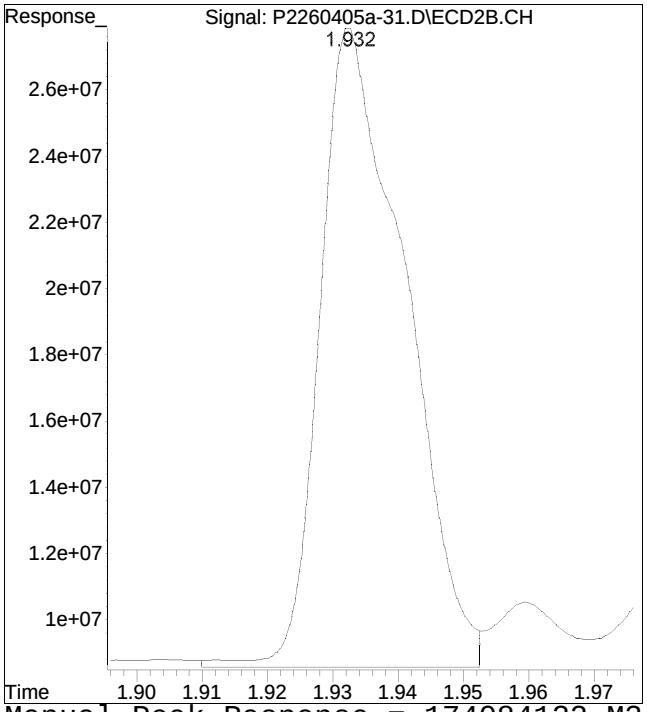
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #56: 1016-2 #2



Original Peak Response = 180999732



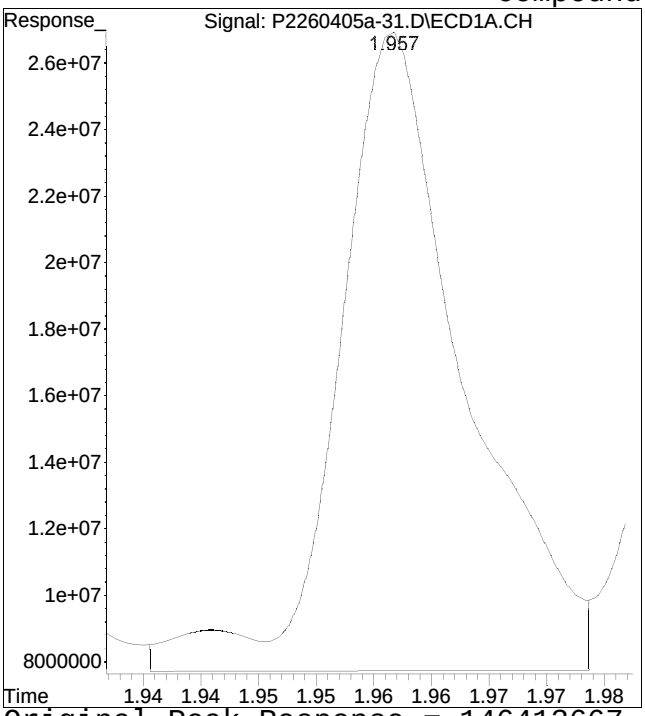
Manual Peak Response = 174084122 M3

M3 = Wrong Peak Identified

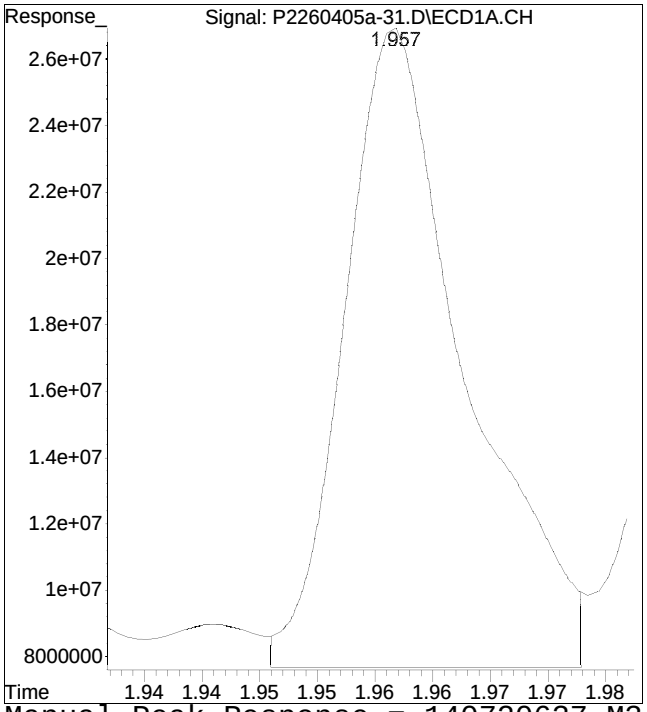
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #7: 1016-4



Original Peak Response = 146413667



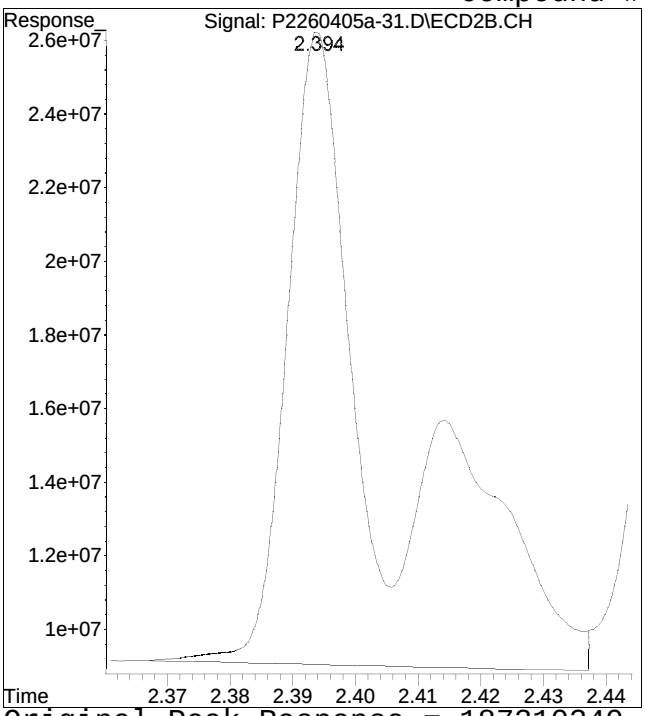
Manual Peak Response = 140720637 M3

M3 = Wrong Peak Identified

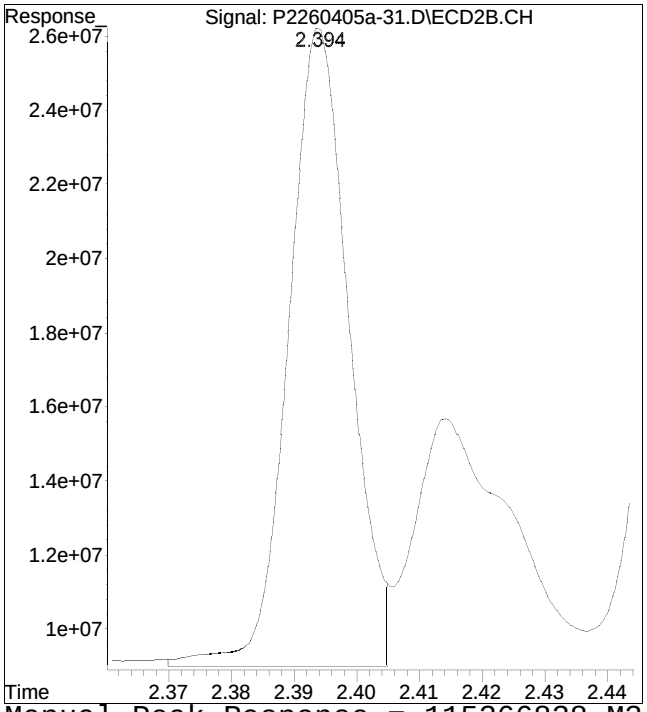
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #59: 1016-5 #2



Original Peak Response = 187310340



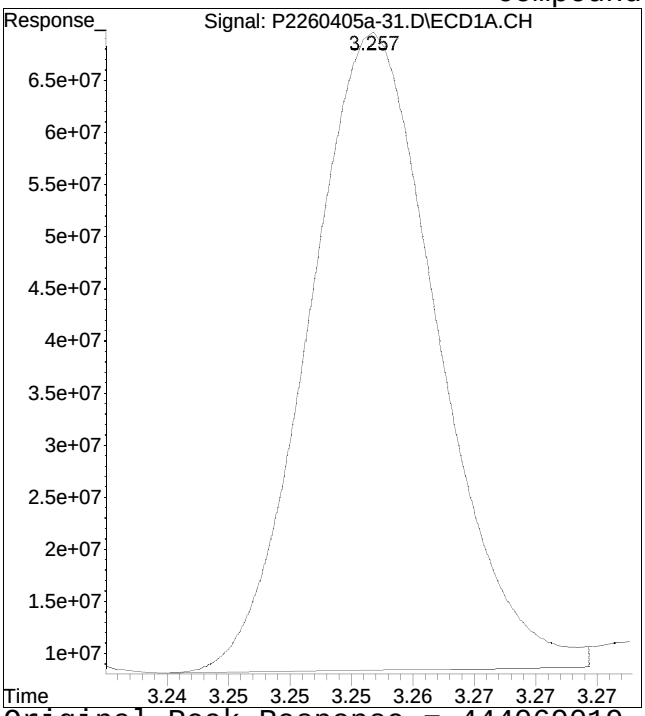
Manual Peak Response = 115366838 M3

M3 = Wrong Peak Identified

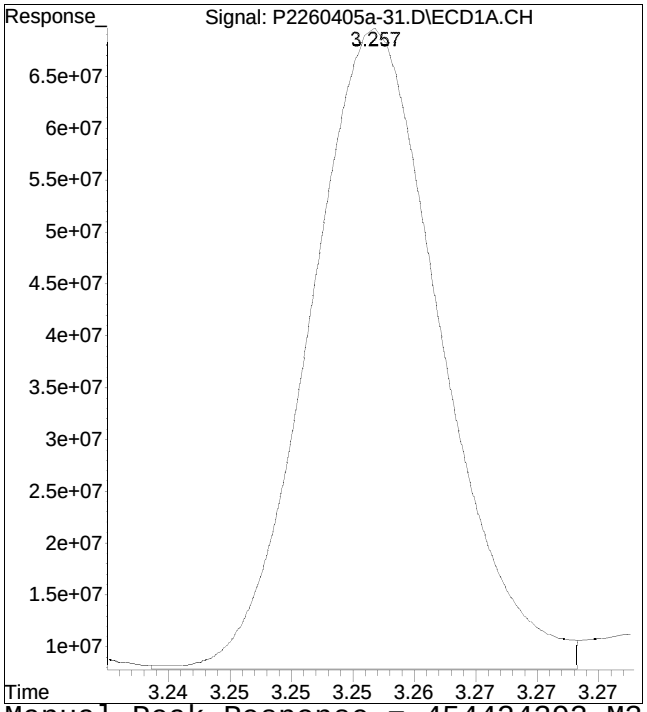
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #12: 1260-4



Original Peak Response = 444069019



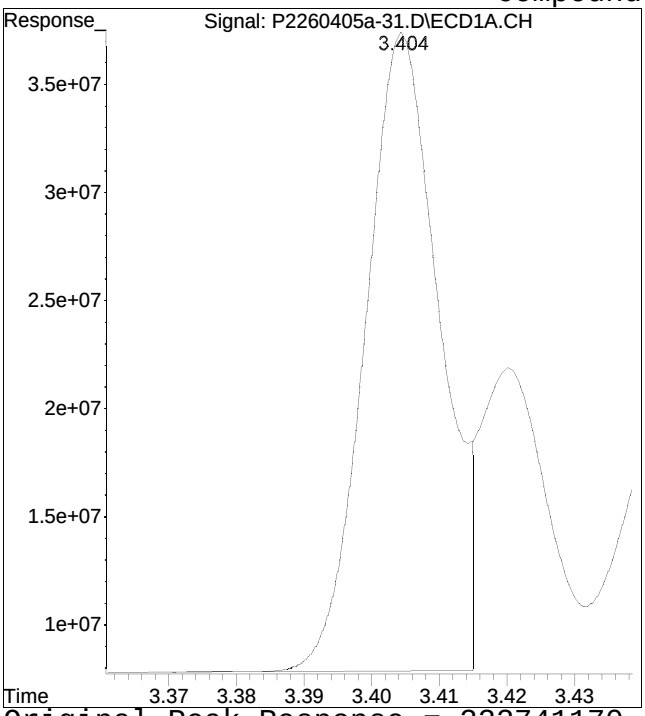
Manual Peak Response = 454424393 M3

M3 = Wrong Peak Identified

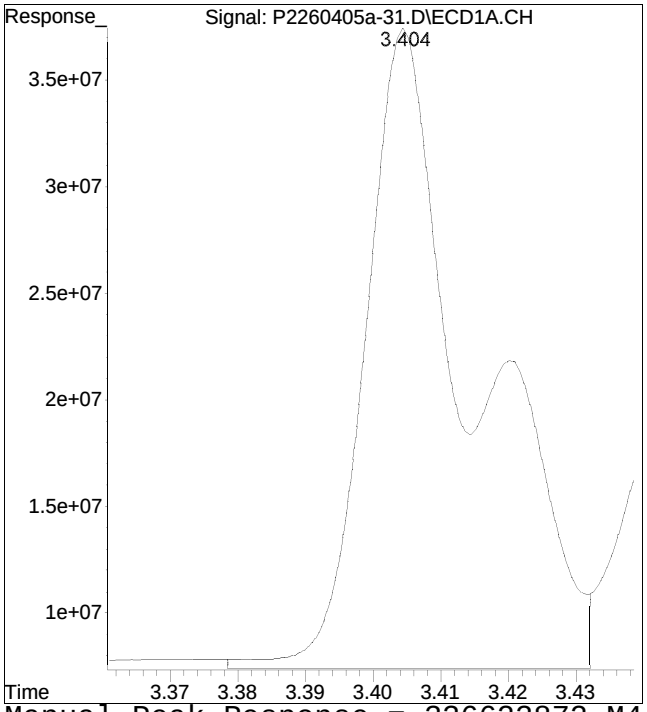
Manual Integration Report

Data Path : I:\PCB\Pest2\2026\260405a\QMethod : P2_PCB_02_02_26_iRVT_ICA
Data File : P2260405a-31.D Operator : pest2:emr
Date Inj'd : 4/5/2026 18:38 Instrument : Pest 2
Sample : WG2193331-5,42,, rcln msd Quant Date : 4/6/2026 9:37 am

Compound #13: 1260-5



Original Peak Response = 222741170



Manual Peak Response = 336623872 M4

M4 = Baseline adjustment required

Calculation of PCB Aroclors & Pesticides

Aqueous Concentration Formula:
Amt * DF*(Vt/Vp)*(1000/Vo)*(Ve/1000)

Where:
DF = Dilution Factor
Vt = Extract Final Volume (mL)
Vp = Aliquot Cleaned (mL)
Vo = Volume of Sample (mL)
Ve = Extraction Lab Final Volume (mL)

Soil Concentration Formula:
Amt * DF * (Vt/Vp)*(1000/Wt)*(Ve/1000)* (100/TS)

Where:
DF = Dilution Factor
Vt = Extract Final Volume (mL)
Vp = Aliquot Cleaned (mL)
Wt = Weight of Sample (g)
Ve = Extraction Lab Final Volume (mL)
TS = Total Solids

Dep.: PCB
Inst: Pest_2
Date: **02/02/26**
Run: I

Method: 8082
GC: PCB RVT

Seq: WG2172252
IS:

ICAL23029

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
1	P2260202i-01	blank	processed:sdc 2/4/26			
1	P2260202i-02	blank	reviewed: emr 2/4/26			
3	P2260202i-03	+1660 RVT ICV pp12226	built: sdc 2/4/26			
4	P2260202i-04	il94268,42e,,pp 12224 L250RVT				sdc2/4
5	P2260202i-05	il93262,42e,,pp 12225 L250RVT				sdc2/4
6	P2260202i-06	il91248,42e,,pp 12221 L250RVT				sdc2/4
7	P2260202i-07	il92154,42e,,pp 12223 L250RVT				sdc2/4
8	P2260202i-08	il11660,42e,,pp 12222 L4RVT				sdc2/4
9	P2260202i-09	il21660,42e,,pp 12222 L7RVT				sdc2/4
10	P2260202i-10	il31660,42e,,pp 12222 L10RVT				sdc2/4
11	P2260202i-11	il41660,42e,,pp 12222 L20RVT				sdc2/4
12	P2260202i-12	il51660,42e,,pp 12222 L30RVT				sdc2/4
13	P2260202i-13	il61660,42e,,pp 12222 L40RVT				sdc2/4
14	P2260202i-14	il71660,42e,,pp 12222 L50RVT				sdc2/4
15	P2260202i-15	il81660,42e,,pp 12222 L100RVT				sdc2/4
16	P2260202i-16	il91660,42e,,pp 12222 L250RVT				sdc2/4
17	P2260202i-17	il101660,42e,,pp 12222 L500RVT				sdc2/4
18	P2260202i-18	il111660,42e,,pp 12222 L1000RVT				sdc2/4
19	P2260202i-19	cicv4268,42e,,pp 12229 L250ICVRVT				sdc2/4
20	P2260202i-20	cicv3262,42e,,pp 12230 L250ICVRVT				sdc2/4
21	P2260202i-21	cicv1248,42e,,pp 12228 L250ICVRVT				sdc2/4
22	P2260202i-22	cicv2154,42e,,pp 12227 L250ICVRVT				sdc2/4
23	P2260202i-23	cicv1660,42e,,pp 12226 L250ICVRVT			sdc	sdc2/4

Dep.: PCB
Inst: Pest_2
Date: **04/05/26**
Run: a

Method: 8082
GC: PCB RVT

Seq: WG2194122
IS: pp12346

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
1	P2260405a-01	blank				
1	P2260405a-02	blank				
1	P2260405a-03	blank				
4	P2260405a-04	+1660 RVT ICV pp12405	20% 10:43 EMR			sdc4/6
5	P2260405a-05	blank				
6	P2260405a-06	+2154 rvt icv pp12406	pass			
7	P2260405a-07	+1248 rvt icv pp12407	pass			
8	P2260405a-08	+4268 rvt icv pp12408	pass			
9	P2260405a-09	WG2193918-1,42,,	double is change method	EMR		sdc4/6
10	P2260405a-10	WG2193918-2,42,,	double is change method			sdc4/6
11	P2260405a-11	WG2193918-3,42,,	double is change method			sdc4/6
12	P2260405a-12	L2618250-01,42,,	double is change method			sdc4/6
13	P2260405a-13	L2619023-07,42,,,R3E	double is change method			sdc4/6
14	P2260405a-14	L2618623-01,42,,,R3B	double is change method			sdc4/6
15	P2260405a-15	L2618622-01,42,,,R3B	double is change method		EMR	sdc4/6
16	P2260405a-16	WG2193464-1,42,, rcln	never ran			
17	P2260405a-17	WG2193464-2,42,, rcln	never ran			
18	P2260405a-18	WG2193464-3,42,, rcln	never ran			
19	P2260405a-19	L2571141-98,42,, p rcln	never ran			
20	P2260405a-20	WG2193464-4,42,, ms rcln	never ran			
21	P2260405a-21	WG2193464-5,42,, dup rcln	never ran			
22	P2260405a-22	L2615577-01,42,, rcln re	never ran			
23	P2260405a-23	L2618371-23,42,,,R3B rcln	never ran			
24	P2260405a-24	WG2193331-1,42,, rcln				EMR 4/10
25	P2260405a-25	WG2193331-2,42,, rcln				EMR 4/10
26	P2260405a-26	WG2193331-3,42,, rcln				EMR 4/10
27	P2260405a-27	L2617421-01,42,, rcln				EMR 4/10
28	P2260405a-28	L2617421-02,42,, rcln				EMR 4/10
29	P2260405a-29	L2617421-03,42,, rcln p				EMR 4/10
30	P2260405a-30	WG2193331-4,42,, rcln ms				EMR 4/10
31	P2260405a-31	WG2193331-5,42,, rcln msd				EMR 4/10
32	P2260405a-32	L2617421-04,42,, rcln				EMR 4/10
33	P2260405a-33	L2617421-05,42,, rcln	inj @ 18:57		EMR	EMR 4/10

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Apr 10 2026, 01:58 pm

Work Group: WG2193331 for Department: 2 Organic Preparation

Created: 02-APR-26 Due: Operator: CWS

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2617421-01	MW-1-032726	S	NYTCL-8082-RVT	WATER	DONE	U	0327	0410	S0	Amber-A.1
L2617421-02	MW-2-032726	S	NYTCL-8082-RVT	WATER	DONE	U	0327	0410	S0	Amber-A.1
L2617421-03	MW-3R-032726	S	NYTCL-8082-RVT	WATER	DONE	U	0327	0410	S0	Amber-A.1
L2617421-04	MW-4R-032726	S	NYTCL-8082-RVT	WATER	DONE	U	0327	0410	S0	Amber-A.1
L2617421-05	DUP-032726	S	NYTCL-8082-RVT	WATER	DONE	U	0327	0410	S0	Amber-A.1
WG2193331-1	Laboratory Method Bl	S	NYTCL-8082-RVT	WATER	DONE	U				
WG2193331-2	Laboratory Control S	S	NYTCL-8082-RVT	WATER	DONE	U				
WG2193331-3	LCS Duplicate	S	NYTCL-8082-RVT	WATER	DONE	U				
WG2193331-4	Matrix Spike	S	NYTCL-8082-RVT	WATER	DONE	U				
WG2193331-5	Matrix Spike Duplica	S	NYTCL-8082-RVT	WATER	DONE	U				

Comments:

WG2193331-3	WG2193331-2
WG2193331-4	L2617421-03
WG2193331-5	L2617421-03

ORGANIC ELN REPORT

Workgroup: WG2193331

Prep Method: EPA 3510C
Solvent Type: DCM **Lot #:** EL676
Surrogate Type: Pesticide/PCB **Lot #:** 12359ak,07/16/2026,5r,13,2
Spike Type: PCB **Lot #:** PP12309ab,05/03/2026,3r,6,2
Spike Verify by: CWS
Lims Spikelot: PCB-RVT

Additional Reagents/Stds

Na2SO4	254022

Conc.Method: S-EVAP/N-EVAP
Solvent Type: Hexane
Lot #: 255268

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1: EPA 3665A
Cleanup Method 2:
Solvent Type: Hexane **Lot #:** 255268

Additional Reagents/Stds

H2SO4	2025111868

Cleanup 2

Cleanup Method 1: EPA 3660B
Cleanup Method 2:
Solvent Type: Hexane **Lot #:**255268

Additional Reagents/Stds

Copper	25092CPG004

Cleanup 3

Cleanup Method 1:
Solvent Type: **Lot #:**

Additional Reagents/Stds

Cleanup 4

Cleanup Method 1:
Solvent Type: **Lot #:**

Additional Reagents/Stds

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Conc Date	Analyst	Final Vol ml	Conc Unit
L2617421-01 WATER	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1		04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
L2617421-02 WATER	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1		04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
L2617421-03 WATER	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1		04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
L2617421-04 WATER	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1		04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8

Reported: 10-APR-26 01:58 PM

ORGANIC ELN REPORT

Workgroup: WG2193331

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol **ml**	Ph	Surr Amt **ml**	Spike Amt **ml**	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2617421-05 WATER	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1		04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
WG2193331-1 BLANK	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1		04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
WG2193331-2 LCS	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1	.1	04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
WG2193331-3 LCSD	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1	.1	04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
WG2193331-4 MS	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1	.1	04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8
WG2193331-5 MSD	04/03/26 02:09	Chris Suslowicz	100	>5,<9	.1	.1	04/03/26 17:58	Kwasi Siriboe	1	D&H,N #8

ORGANIC ELN REPORT

Workgroup: WG2193331

Sample/ Type	Cleanup 1 Cleanup Date	Analyst	Pest Aliquot **ml**	Pest Final **ml**	Cleanup 2 Cleanup Date	Analyst
L2617421-01 WATER	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
L2617421-02 WATER	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
L2617421-03 WATER	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
L2617421-04 WATER	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
L2617421-05 WATER	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
WG2193331-1 BLANK	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
WG2193331-2 LCS	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
WG2193331-3 LCSD	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
WG2193331-4 MS	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai
WG2193331-5 MSD	04/05/26 16:16 RC KCG	Katherine Gately	.5	.5	04/05/26 16:50 RC KCG	Daniel Erhagbai

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, NY 12853
Phone (518) 251-4429

May 13, 2026

Jordan Berti
C&S Companies
499 Col. Eileen Collins Blvd.
Syracuse, NY 13212

RE: Validation of the 2026 Brown MFG PRR Site Analytical Laboratory Data
Data Usability Summary Report (DUSR)
Pace/Alpha Analytical SDG No. L2617421

Dear Mr. Berti:

Review has been completed for the data packages generated by Pace/Alpha Analytical that pertain to samples collected 03/27/26 at the 2026 Brown MFG PRR site. Four aqueous samples and a field duplicate were processed for TCL volatile (VOA) analytes, TCL semivolatile (SVOA) analytes, and TCL Aroclor PCBs. The analytical methodologies are those of the USEPA SW846.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents and the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Method and Preparation Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Field Duplicate Correlations
* Laboratory Control Sample (LCS)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data package.

In summary, the results for the samples are usable either as reported or with minor qualification or edit, with the following exceptions:

- 1,4-dioxane results in all samples due to instrument response
- 3,3'-dichlorobenzidine result is rejected in one sample

Data completeness, accuracy, precision, representativeness, reproducibility, and comparability are acceptable.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report is the client EDD with recommended qualifiers/edits applied in red.

Chain-of-Custody/Sample Receipt

The year was not included on the sample collection dates, initial relinquish date, and interim receipt and relinquish dates.

Blind Field Duplicate Evaluation

The field duplicate correlations of MW-3R-032726 Show correlations within validation guidelines.

Volatile Analyses by EPA 8260D

Results for 1,4-dioxane are rejected and not usable due to low relative instrument response. Other calibration standards show responses within validation action levels, with the exceptions of those for bromoform (22%D). Results for that compound in the samples have been qualified as estimated.

The matrix spikes of MW-3R-032726 show recoveries and correlations within validation guidelines, with the exception of the recoveries for acetone. The matrix spikes show essentially the same concentration as the parent sample and its duplicate. A non-homogeneous matrix is suspected.

LCS, surrogate, and internal standard recoveries are compliant. Holding times were met. The blanks show no contamination.

TCL Semivolatile and 1,4-Dioxane Analyses by EPA 8270E and EPA 8270 SIM

Surrogate and internal standard recoveries are compliant. Holding times were met. Blanks show no contamination.

3,3-Dichlorobenzidine produced no recovery in the matrix spikes of MW-3R-032726, and the result for that compound in the parent sample is rejected. Caution should be used with the results for this analyte in other project samples are similar matrix. The other analytes show recoveries and correlations within validation guidelines

Calibration standards show responses within validation action levels. LCS recoveries are within laboratory acceptance ranges.

TCL Aroclor PCB Analyses by USEPA 8082A

Holding times were met. Blanks show no contamination. Calibration standards show responses within validation action levels. Surrogate standard and LCS recoveries are compliant.

The matrix spikes of MW-3R-032726 show recoveries and correlations within validation guidelines.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDD

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Project Name:	2026 BROWN MFG PRR	**Lab Number:**	L2617421
Project Number:	119.431.042	**Report Date:**	04/10/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2617421-01	MW-1-032726	WATER	SYRACUSE	03/27/26 14:00	03/27/26
L2617421-02	MW-2-032726	WATER	SYRACUSE	03/27/26 13:13	03/27/26
L2617421-03	MW-3R-032726	WATER	SYRACUSE	03/27/26 11:35	03/27/26
L2617421-04	MW-4R-032726	WATER	SYRACUSE	03/27/26 10:40	03/27/26
L2617421-05	DUP-032726	WATER	SYRACUSE	03/27/26 00:00	03/27/26
L2617421-06	TRIP BLANK	TRIP BLANK (AQUEOUS)	SYRACUSE	03/23/26 00:00	03/27/26