



Submitted via email

October 2, 2025

Greta Kowalski, P.G.
Project Manager, Remedial Bureau C
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7014

Re: Revised Site Management Periodic Review Report
Catskill MGP Site
125 Water Street
Catskill, Greene County, New York
NYSDEC Site No. C420027
Reporting Period: March 31, 2024 through March 31, 2025

Dear Ms. Kowalski

This revised Site Management (SM) Periodic Review Report (PRR) serves to document the status of Engineering Controls (ECs) and Institutional Controls (ICs) established, in accordance with the December 2014 Site Management Plan (SMP), for the Catskill Former Manufactured Gas Plant (MGP) located at 125 Water Street in Catskill, Greene County, New York (Site). A SM PRR for the reporting period of March 31, 2024 through March 31, 2025 was previously submitted in April 2025. Per the New York State Department of Environmental Conservation's (NYSDEC's) communications dated July 15, 2025 and September 10, 2025, a revised SM PRR was requested and is included in this submittal. An updated SMP was submitted to the NYSDEC in July 2024. Per the NYSDEC's letter dated July 15, 2025, a revised SMP was requested and will be submitted under separate cover.

An annual EC/IC inspection was performed on March 7, 2025, in accordance with the SMP. The ECs and ICs were found to be in place and functioning effectively. Monitoring well MW-3 could not be visually verified during the inspection; however, it was located utilizing a metal detector. Groundwater sampling was conducted on August 22, 2024, in which detected constituents were limited to select polycyclic aromatic hydrocarbons (PAHs) and BTEX compounds. No contaminants exceeded applicable Technical and Operational Guidance Series (TOGS) standards confirming the continued effectiveness of the Monitored Natural Attenuation (MNA) remedy.

Per NYSDEC approval, groundwater monitoring at MW-3 has been discontinued, and the sampling frequency for MW-1 and MW-2 has been revised from annually to every 15 months. The next groundwater sampling event is scheduled for November 2025. Monitoring well MW-3 was not abandoned during this reporting period; however, decommissioning is currently being evaluated.

For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:

- (a) the institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by DER;
- (b) nothing has occurred that would impair the ability of such control to protect public health and the environment;
- (c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
- (d) access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control; and
- (e) if a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for their intended purpose under the document.

Please contact me at (845) 486-5461 or mmclean@cenhud.com if you have any questions.

Sincerely,



Mark L. McLean
Senior Director – Environmental Affairs

Attachments (5)

ec: w/ attachments

Jesse Gallo, CHGE, jgallo@cenhud.com
Julia Kenney, NYSDOH, julia.kenney@health.ny.gov
Justin Deming, NYSDOH, justin.deming@health.ny.gov

1.0 Executive Summary

This revised Site Management (SM) Periodic Review Report (PRR) serves to document the status of Engineering Controls (ECs) and Institutional Controls (ICs) established for the Catskill Former Manufactured Gas Plant (MGP) located at 125 Water Street in Catskill, Greene County, New York (Site).

A. Site History

The Site is located in the Village of Catskill, County of Greene, New York and is identified as portions of three properties known as Block and Lot 156.78-3-1 (Area A), 156.78-3-3 (Area B), and 156.78-2-40 (Area C) on the Village of Catskill Tax Map #156 (**Figure 1**). The Site was formerly used for MGP operations dating back to the mid-1800s. Remedial actions were completed in 2013 under a New York State Department of Environmental Conservation (NYSDEC) approved Track 4 remedy, which included an excavation, the application of oxygen releasing compound (ORC) into the backfill, the construction and maintenance of a soil cover system and execution and recording of Environmental Easements.

B. Effectiveness of the Remedial Program

B.1. Soil Cover System

The soil cover system was inspected on March 7, 2025. The cover system remains in place and is considered a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals.

B.2. Monitored Natural Attenuation

Groundwater monitoring activities to assess natural attenuation will continue, as determined by the NYSDEC, until remaining groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic at an acceptable level over an extended period. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. Per NYSDEC approval, groundwater monitoring at MW-3 has been discontinued, and the sampling frequency for MW-1 and MW-2 has been revised from annually to every 15 months. A monitoring event was conducted during the reporting period on August 22, 2024, and results were submitted to the NYSDEC in a report dated September 30, 2024. Groundwater monitoring data suggest that select polycyclic aromatic hydrocarbons (PAHs) and benzene, toluene, ethylbenzene, and total xylene (BTEX) compounds are gradually declining. The next groundwater sampling event is scheduled for November 2025.

C. Compliance

No areas of non-compliance were identified during this reporting period. Surficial improvements, including landscaping, handicap parking and sidewalk upgrades were completed by the current property owner in 2023. The surficial changes to the Site are shown on **Figure 2**.

D. Recommendations

Per the NYSDEC's letter dated July 15, 2025, a revised SMP was requested and will be submitted under separate cover. No changes to the frequency of the SM PRR submittals are requested at this time. The next groundwater sampling event is scheduled for November 2025 and the next SM PRR will be submitted in April 2026.

2.0 Site Overview

The Site is located in the Village of Catskill, New York, along the east bank of Catskill Creek and consists of three non-contiguous areas: Area A (original manufactured gas plant (MGP) site), Area B (currently a parking lot), and Area C (currently Greene County employee parking lot) (**Figure 1**). The terrain slopes approximately 15 percent to the southwest toward Catskill Creek.

Two MGPs historically operated on the Site. The first, established in 1858 (Areas A and B), used coal carbonization to generate gas from coal. In 1923, operations moved north and adopted a carbureted water gas process. In 1926, the Upper Hudson Electric and Railroad Company merged with other small utility providers to form Central Hudson Gas and Electric Company (CHGE). The facility was converted in 1932 to produce butane-air gas. This continued until 1958, when natural gas infrastructure was introduced, leading to plant closure and eventual sale of the property.

A Remedial Investigation (RI) was conducted to assess the extent of contamination related to former MGP operations at the Site. Impacts to soil and groundwater were identified, with primary focus on BTEX compounds, PAHs, cyanide, and non-aqueous phase liquids (NAPLs). No significant exceedances of NYSDEC Commercial Use Soil Cleanup Objectives (SCOs) or measurable NAPL were found in Areas B and C. Remediation followed the by the NYSDEC approved in July 2011 Decision Document and subsequent field modifications (Requests for Field Changes Nos. 1–8). A Track 4 remedy (Restricted Use with Site-Specific SCOs) was implemented. Remedial work was completed by June 2013, with stream bank planting finalized in October 2013.

Some contamination remains in place due to structural constraints: Approximately 420 cubic yards of MGP-impacted material was left near the northwest corner of Union Mills due to concerns over building stability; a demarcation barrier was installed; two NAPL veins at 17 feet depth in Area A were not fully excavated to protect the adjacent Foundry building; no barrier was installed due to depth and clean backfill overlay; and a buried timber bulkhead near Union Mills was not removed, leaving about 170 cubic yards of impacted soil in place at approximately 7.5 feet depth; no barrier was placed.

Remedial work completed at the Site included the following:

1. Installation of two secant walls along the western boundaries of Area A and the adjacent Union Mills property to support excavation and dredging.
2. Excavation of contaminated soil and fill with visible tar, NAPL, or MGP-related PAHs above 500 ppm to depths of approximately 16 feet in Area A and 18 feet on the adjacent Union Mills property. Post-excavation sampling confirmed compliance with cleanup objectives.
3. Excavated areas were backfilled with certified clean material in accordance with NYSDEC regulations (6 NYCRR Part 375). Commercial-use backfill was used for Area A, and residential-use backfill for Union Mills. Oxygen Releasing Compound (ORC) was added during backfilling to promote groundwater remediation.
4. Construction and maintenance of a soil cover system consisting of a minimum one foot of certified clean fill to meet the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use to prevent human exposure to known and potential remaining contaminated soil/fill at the Site.
5. Impacted sediments in Catskill Creek were dredged to a depth of 8 feet, with sediment control measures in place during removal. Dredged materials were dewatered and disposed of offsite.
6. Institutional controls included the filing of Environmental Easements and development of a SMP for long-term monitoring, maintenance, and reporting. No significant exceedances of commercial-use SCOs or groundwater standards were identified in Areas B and C, which are largely covered by buildings or pavement.

The following table outlines the current monitoring and inspection schedule for the Site to ensure that the chosen remedies, EC/IC and MNA, remain effective:

Monitoring Program	Frequency*	Matrix	Analysis
Site Cover Inspection	Annual, or after flooding or storm event	No samples collected	Visual Inspection
Site-wide Inspection	Annual, or after flooding or storm event	No samples collected	Visual and Onsite Recordkeeping Inspection
Groundwater Monitoring	Every 15 months	Groundwater	VOCs (EPA Method 8260C) and SVOCs (EPA Method 8270D)

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

3.0 Evaluate Remedy Performance, Effectiveness, and Protectiveness

Due to the presence of residual contaminated soil, ECs and ICs are required to safeguard human health and the environment. This EC/IC Plan outlines the procedures for implementing and managing these controls and is a component of the SMP. Groundwater monitoring activities to assess natural attenuation will continue, as determined by the NYSDEC, until remaining groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic at an acceptable level over an extended period. These remedies are effective and continue to safeguard human health and the environment.

As outlined in the 2024 SMP, the remedies established at the Site include:

Soil Cover	Monitored Natural Attenuation	Environmental Easements
A site-wide cover system prevents exposure to residual contamination. The cover system consists of at least 12-inches of clean imported fill, asphalt, concrete sidewalks, and building slabs which extend to the extent of remedial excavation performed. Operation and maintenance procedures include annual inspection and inspections following severe conditions (e.g., flooding or erosion).	Groundwater monitoring activities to assess natural attenuation will continue, as determined by NYSDEC until contaminant levels consistently meet standards or stabilize at acceptable levels. If levels plateau at unacceptable concentrations, further remediation (e.g., source removal or treatment) will be considered. Discontinuation of monitoring requires written NYSDEC approval. Current groundwater monitoring is completed every 15 months.	ICs in the form of Environmental Easements are in place to enforce land and groundwater use restrictions, ensure maintenance and monitoring of Engineering Controls, and prevent disturbance of subsurface contamination. Area A is limited to restricted residential, commercial, or industrial use, while Areas B and C are limited to commercial or industrial use.

4.0 IC/EC Plan Compliance Report

A. IC/EC Requirements and Compliance

The IC/EC Plan comprises an annual visual inspection of the entire Site. Specific components evaluated include compliance with ICs (Site usage); evaluation of the condition and continued effectiveness of ECs; and general Site conditions at the time of the inspection. Any observed cracking, erosion, or other signs of deterioration will be addressed in accordance with the procedures. The annual inspection of the Site's ECs/ICs was performed on March 7, 2025, in accordance with the requirements outlined in the SMP. As part of the inspection process, the Site-Wide and Soil Cover Inspection Forms were completed and are included as attachments, along with supporting photographic documentation. Observations made during the inspection confirmed that all ECs and ICs are intact, operational, and continue to be effective in maintaining the integrity of the remedy implemented at the Site.

In 2023, the “Foundry Building” currently located adjacent to Area A began operating as a commercial business. However, Area A’s use as a parking lot remained unchanged. This use remains consistent with the commercial land use restrictions established under the Environmental Easement and, therefore, complies with the IC in place for the Site. During the same period, the property owner performed surficial Site improvements within Area A (parking lot). These improvements included the installation of additional concrete handicap-accessible area, sidewalk enhancements, and limited landscaping. The work was confined to surface modifications. The integrity and functionality of the cover system remains fully intact, and the remedial components continue to perform as designed.

At the request of NYSDEC, a survey was conducted to assess potential impacts to the soil cover system and confirm compliance with clean backfill elevation requirements. The survey identified approximately 1 foot of settlement in Area A; however, the total clean backfill thickness remains at approximately 16 feet. As a result, the 12-inch soil cover layer required under the SMP remains intact and uncompromised, and the EC continues to meet performance criteria. Additionally, the installation of a concrete handicap-accessible parking stall involved the placement of new impermeable surface material above the existing cover system and did not disturb or penetrate the engineered cap. Therefore, the EC remains fully protective and compliant with the SMP and Environmental Easement requirements (**Figure 2**).

B. IC/EC Certification

The NYSDEC Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form has been completed and is attached to this letter for review. This includes the IC Certification by the Site Owner or Designated Representative and EC Certification by a Professional Engineer. As stated above, each of the ECs/ICs are in place, performing properly, and remain effective. Additionally, no corrective actions are necessary at this time.

5.0 Monitoring Plan Compliance Report

The Monitoring Plan outlines procedures to evaluate the effectiveness of the remedy, including the soil cover system and affected media. Contaminant trends in soil, and groundwater continue to be assessed to confirm ongoing progress toward remedial goals. CHGE conducts a groundwater monitoring event using two monitoring wells (MW-1 and MW-2) to evaluate the performance of MNA, including plume behavior, contaminant migration, and related subsurface processes.

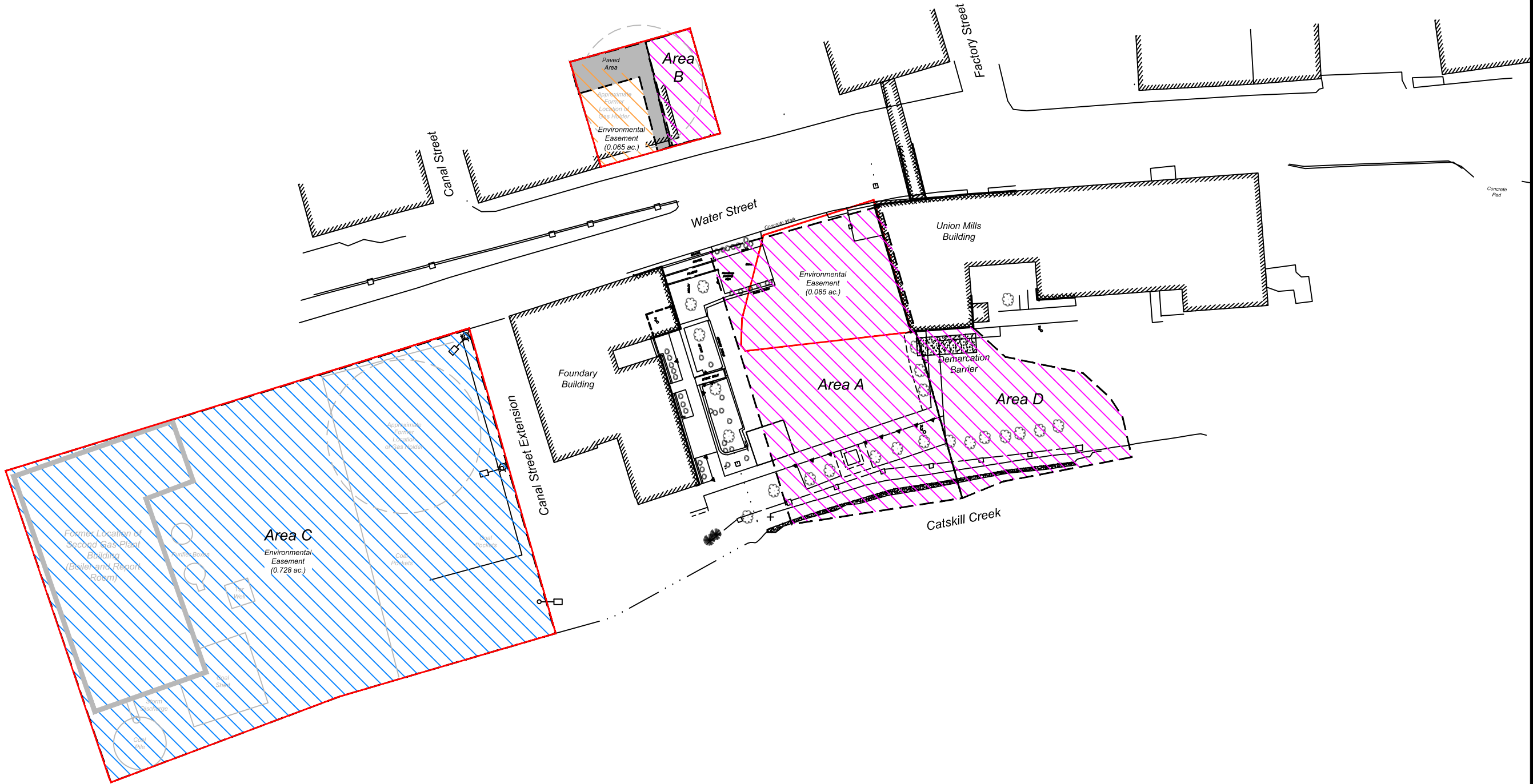
As discussed above, the NYSDEC approved the discontinuation of sampling monitoring well MW-3. Monitoring well MW-3 is currently active and CHGE is evaluating the decommissioning of the well.

A monitoring event was conducted during the reporting period on August 22, 2024 and results were submitted to the NYSDEC in a report dated September 30, 2024. Dissolved constituents were not detected above Technical and Operational Guidance Series (TOGS) in the groundwater samples. Sampled constituents were limited to select PAHs and BTEX compounds. No change to the monitoring plan is proposed at this time.

6.0 Overall PRR Conclusions and Recommendations

The Site remains in compliance with the SMP. An annual EC/IC Site inspection was conducted on March 7, 2025. Groundwater monitoring was conducted on August 22, 2024, with results submitted to NYSDEC on September 30, 2024. Analytical results indicated that all detected constituents were below applicable TOGS groundwater standards, demonstrating continued effectiveness of the implemented remedy. The next scheduled groundwater monitoring event is planned for November 2025. The next SM PRR will be submitted in April 2026.

Figures



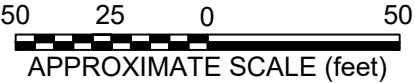
Legend

- Historical Location
- Ashpalt
- Concrete Slab
- Gravel
- Environmental Easement

Notes

1. Not all historical features shown.
2. The boundaries of area a, b, c, and d are shown as defined in the brownfield clean-up agreement a4-0553-0606.
3. Basemap taken from drawings provided in the arcadis may 2010 Remedial investigation report for the catskill former manufactured gas plant.

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.



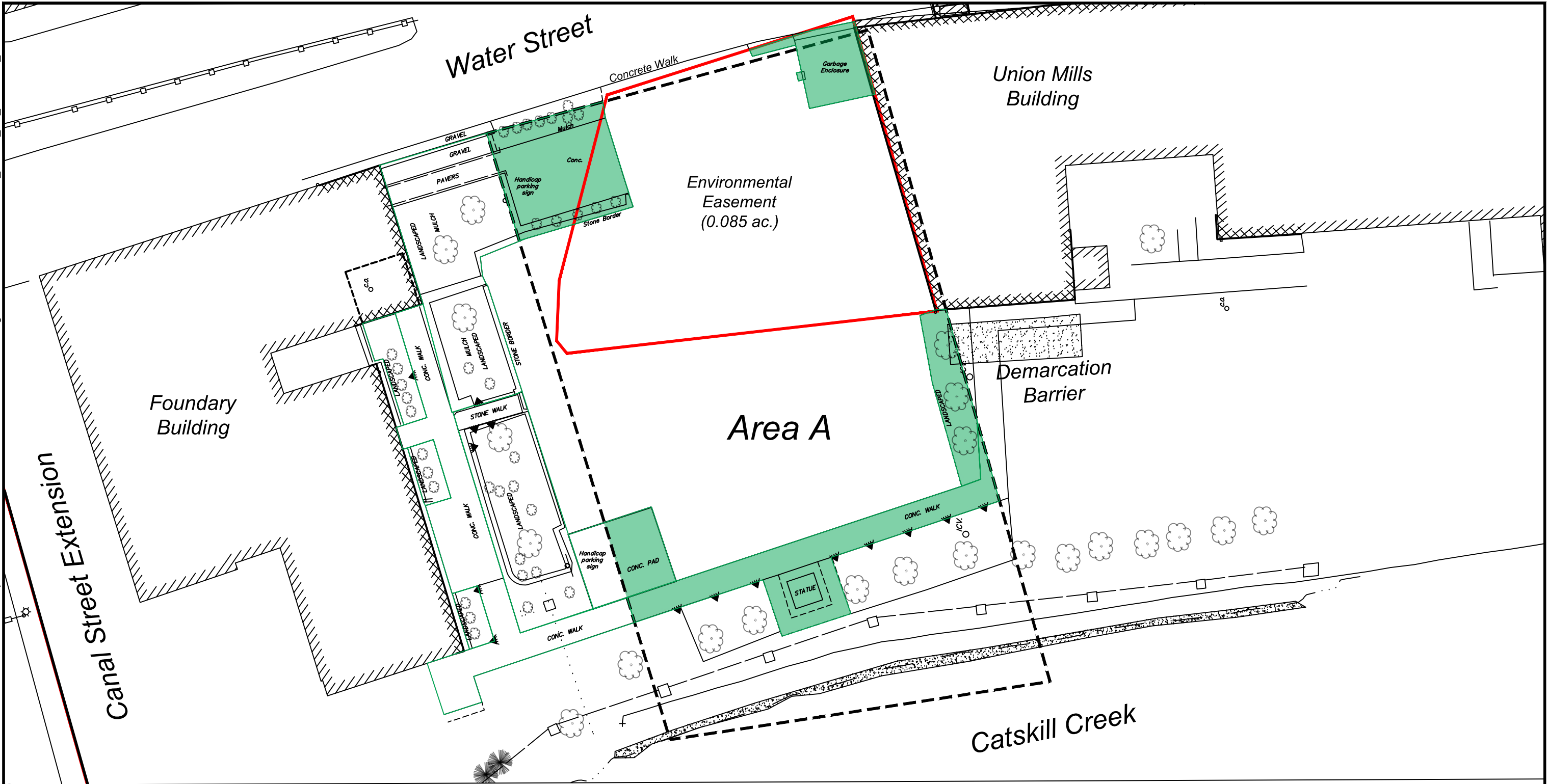
PROJECT NO.	24003297
DRAWN:	AUGUST 2025
DRAWN BY:	CTH
CHECKED BY:	LM
FILE NAME:	CH_Catskill_PD.dwg

SITE PLAN AND
COVER SYSTEM

CENTRAL HUDSON GAS AND ELECTRIC CORPORATION
FORMER CATSKILL MGP SITE
CATSKILL, NEW YORK

FIGURE

1



Legend

- Surficial Improvement Area
- Environmental Easement

Notes

- Not all historical features shown.
- The boundaries of area a, b, c, and d are shown as defined in the brownfield clean-up agreement a4-0553-0606.
- Basemap taken from drawings provided in the arcadis may 2010 Remedial investigation report for the catskill former manufactured gas plant.

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.



20 10 0 20
APPROXIMATE SCALE (feet)



PROJECT NO.	24003297
DRAWN:	AUGUST 2025
DRAWN BY:	CTH
CHECKED BY:	LM
FILE NAME:	CH_Catskill_PD.dwg

AREA "A" SURFICIAL IMPROVMENT MAP

CENTRAL HUDSON GAS AND ELECTRIC CORPORATION
FORMER CATSKILL MGP SITE
CATSKILL, NEW YORK

FIGURE

2

Photographic Documentation

P1



March 2025: View looking east across Catskill Creek towards the site.

P2



March 2025: View looking south along shoreline of Area A.

P3



March 2025: View looking northeast from Catskill Creek towards Area C paved parking lot.

P4



March 2025: View looking northeast from Water Street towards Art Studio building and parking lot within Area B.

Site-Wide and Site Cover Inspection Forms

Site-Wide Inspection Form
Central Hudson Gas & Electric Corp.
Catskill Former MGP Site
Water Street, Catskill, New York

In accordance with the site-specific 2014 Site Management Plan, site-wide inspections are to be performed annually, or after flooding or storm event. Copies of this inspection form will be included in the Periodic Review and in other correspondence to NYSDEC and NYSDOH.

Date: 3/7/2025	Inspection Performed By: Dan Garvey
Weather: Clear, 37 degrees	Inspector Title: Professional
	Company: Kleinfelder, Inc.
Date of Most Recent Precipitation Event and Total Precipitation Amount: March 6, 2025 (0.39 inches of rain)	

Engineering Controls

Site Cover:

Is the site cover intact? Document any breaches in the site cover below. Include site sketch.

Yes

Document corrective actions recommended/taken:

None

Monitoring Wells:

Are all groundwater monitoring wells in the monitoring well network intact? Document any loss of integrity, signs of vandalism, etc.

Yes. MW-3 was located under gravel utilizing a metal detector but could not be visually identified

Document corrective actions recommended/taken:

Institutional Controls

Site Management Plan:

Is a copy of the Site Management Plan onsite?

A copy of the Site Management Plan is located at the CHGE Facility: 284 South Avenue, Poughkeepsie, NY.

Environmental Easement:

Is the Environmental Easement still in place? Is a copy of the Environmental Easement onsite?

Yes. A copy of the Easement is located at the CHGE Facility: 284 South Avenue, Poughkeepsie, NY and recorded with the Greene County Clerk.

Site Cover Inspection Form
Central Hudson Gas & Electric Corp.
Catskill Former MGP Site
Water Street, Catskill, New York

In accordance with the site-specific 2014 Site Management Plan, inspections of the site cover are to be performed annually, or after flooding or storm event. Copies of this inspection form will be included in the Periodic Review and in other correspondence to NYSDEC and NYSDOH.

Date: 3/7/2025	Inspection Performed By: Dan Garvey
Weather: Clear, 37 degrees	Inspector Title: Professional
	Company: Kleinfelder, Inc.
Date of Most Recent Precipitation Event and Total Precipitation Amount: March 6, 2025 (0.39 inches of rain)	

Site Cover
<i>Is the site cover intact? Document any breaches in the site cover below. Include site sketch.</i> Yes
<i>Document corrective actions recommended:</i> None
<i>Document corrective actions taken:</i> None Corrective actions performed by _____ on _____.
General Comments

NYSDEC 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 No.	Site Details	Box 1	
Site Name CH - Catskill Former Manufactured Gas Plant (MGP)			
Site Address: Water Street Zip Code: 12414			
City/Town: Catskill			
County: Greene			
Site Acreage: 0.878			
Reporting Period: March 31, 2024 to March 31, 2025			
		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?		☒	☐
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. C420027

Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

156.78-2-40

Greene County c/o Willis Vermilyea

Ground Water Use Restriction
Landuse Restriction
Monitoring Plan
Site Management Plan

156.78-3-1

Catskill 125, LLC

Ground Water Use Restriction
Landuse Restriction
Monitoring Plan
Site Management Plan

156.78-3-3

Kirwan Enterprises, LLC

Ground Water Use Restriction
Landuse Restriction
Monitoring Plan
Site Management Plan

Box 4

Description of Engineering Controls

Parcel

Engineering Control

156.78-2-40

Cover System

156.78-3-1

Cover System

156.78-3-3

Cover System

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 complete.

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. C420027

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.

MARK L. McLEAN at CHG¹ E, 284 S. Ave., BOSTON, NY 12601
print name print/business address

am certifying as OWNER (Owner or Remedial Party)

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

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

3/18/25
Date

EC CERTIFICATIONS

Box 7

Professional Engineer 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 JUSTIN MOSES at 1200 VETERANS MEMORIAL HWY, SUITE 300
HAVPPAGE, NY 11788
print name print business address

am certifying as a Professional Engineer for the OWNER
(Owner or Remedial Party)


Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



Stamp
(Required for PE)

8/4/25
Date

August 2024 – Annual Monitoring Events Results



Submitted via email

September 30, 2024

Greta White
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, NY 12233-7014

Re: Catskill MGP Site (C420027)
August 2024 – Annual Monitoring Event Results

Dear Ms. White:

This letter serves to document the results of the annual monitoring event conducted on August 22, 2024 at Central Hudson Gas & Electric Corporation's (Central Hudson's) former manufactured gas plant (MGP) site located in Catskill, NY (Figures 1 and 2).

As per New York State Department of Environmental Conservation (NYSDEC) approval, groundwater monitoring at MW-3 has been discontinued. Additionally, the monitoring schedule for MW-1 and MW-2 has been adjusted from annual to every 15 months.

Groundwater Sampling Event

For the sampling event, each sampled well was purged by pumping a minimum of five well volumes of water or until pumped dry. Water chemistry parameters were monitored during the well purging including water temperature, pH, turbidity, dissolved oxygen, redox potential, and electromagnetic conductance. Immediately following purging, representative groundwater samples were collected from each well using a peristaltic pump maintaining a constant low flow discharge rate of approximately 250 milligrams per minute (ml/min). Each sample was containerized in laboratory-supplied jars and couriered under chain of custody to Adirondack Environmental Services, Inc. for analysis. The samples were analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) using United States Department of Environmental Protection Agency (USEPA) Methods 8260 and 8270, respectively. Copies of the groundwater sampling water chemistry data (field notes) are attached. An electronic data delivery (EDD) file containing the laboratory results will be electronically submitted to the New York State Department of Environmental Conservation (NYSDEC) by the laboratory.

Results

Depth to water ranged from 8.32 feet below top of casing (fbtoc) to 8.72 fbtoc in monitoring wells MW-2 and MW-1, respectively (Table 1). Dense non-aqueous phase liquid (DNAPL) was not observed in either well during the gauging event. Based on this and previous gauging events, groundwater in the overburden unit is variable. A site plan is attached as Figure 2.

Dissolved constituents were not detected above Technical and Operational Guidance Series (TOGS) 1.1.1 ambient water quality standards and guidance values in either well. Laboratory sample results are provided in Table 2.

The next monitoring event is tentatively scheduled to be performed in 15 months (November 2025) as requested by the NYSDEC. Please contact me at (845) 486-5641 or jgallo@cenhud.com if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jesse N. Gallo', with a stylized, overlapping loop structure.

Jesse N. Gallo
MGP Project Manager

Attachments

cc. Kiera Thompson, NYSDEC
Justin Deming, NYSDOH
Julia Kenney, NYSDOH
Mark McLean, Central Hudson

Tables

Table 1
Groundwater Monitoring Well Gauging Data
August 2024

Well ID	MP Elevation	DTW	WTE
MW-1	8.80	8.72	0.08
MW-2	10.10	8.32	1.78

Notes:

MP - Well top of casing measuring point

DTW - Depth to water (feet)

WTE - Water table elevation

Table 2
Summary of Groundwater Sample Analytical Results

			MW-1																			
Constituent	TOGS 1.1.1	Units	8/26/13	11/8/13	3/19/14	5/15/14	8/4/14	11/6/14	2/23/15	8/20/15	2/2/16	8/2/16	2/1/17	8/7/17	2/1/18	8/8/18	8/7/19	8/5/20	8/30/21	8/18/22	8/17/23	8/22/24
Benzene	1	ug/L	<0.5	<0.5	<0.5	2	2	<0.5	<0.5	<0.5	<0.5	10	25	33	28	<0.43	1.7	4.0	Unable to locate	0.4 J	4.4	<0.5
Ethylbenzene	5	ug/L	<0.8	<0.8	<0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	3.8	3.6	2.6	<0.30	<0.30	<0.30		<1.0	<1.0	<0.5
Toluene	5	ug/L	<0.7	<0.7	<0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.32 J	0.32 J	0.53 J	0.45 J	<0.38	<0.38	<0.38		<1.0	<1.0	<0.5
Xylenes (total)	5	ug/L	<0.8	<0.8	<0.8	0.9 J	1	<0.5	<0.5	<0.5	<0.5	4	5.6	8.4	4.4	<0.42	<0.36	1.01		<1.0	2.4	<0.5
Total BTEX	--	ug/L	ND	ND	ND	2.9	3	ND	ND	ND	ND	15.62	34.72	45.53	35.45	ND	1.7	5		0.4 J	6.8	ND
2-Methylnaphthalene	--	ug/L	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1	<0.1	<0.1	0.1 J	1.4 J	1.1 J	5.3 J	<0.88	<1.1	<1.1	<1.1		<5.0	<5.0	<5.0
Acenaphthene	20	ug/L	<0.1	<0.1	0.3 J	3	9	<0.1	0.1 J	0.1 J	0.1 J	10	15	38	28	<1.1	9.2 J	13		9.1	14	<5.0
Acenaphthylene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1 J	<0.66	<0.66	<0.68	<0.65	<0.82	<0.82	<0.82		<5.0	<5.0	<5.0
Anthracene	50	ug/L	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1	<0.1	<0.1	0.2 J	<0.58	<0.57	1.1 J	0.66 J	<0.63	<0.63	<0.63		<5.0	<5.0	<5.0
Benzo(a)anthracene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.56	<0.55	<0.57	<0.55	<0.59	<0.59	<0.59		<5.0	<5.0	<5.0
Benzo(a)pyrene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.16	<0.16	<0.17	<0.16	<0.41	<0.41	<0.41		<10.0	<10	<10
Benzo(b)fluoranthene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.45	<0.44	<0.46	<0.44	<1.1	<1.1	<0.68		<10.0	<10	<10
Benzo(g,h,i)perylene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.77	<0.75	<0.78	<0.75	<1.4	<1.4	<1.4		<10.0	<10	<10
Benzo(k)fluoranthene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.18	<0.18	<0.19	<0.18	<0.67	<0.67	<0.67		<10.0	<10	<10
Chrysene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.68	<0.67	<0.70	<0.67	<0.91	<0.91	<0.91		<5.0	<5.0	<5.0
Dibenz(a,h)anthracene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1 J	<0.092	<0.090	<0.094	<0.090	<0.72	<0.72	<0.72		<5.0	<5.0	<5.0
Dibenzofuran	--	ug/L	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	3.7 J	3.7 J	9.8 J	5.1 J	<1.1	1.4 J	1.6 J		<5.0	<5.0	<5.0
Fluoranthene	50	ug/L	<0.1	0.1 J	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.73	<0.72	<0.75	<0.72	<0.84	<0.84	<0.84		<5.0	<5.0	<5.0
Fluorene	50	ug/L	<0.1	<0.1	<0.1	0.3 J	0.3 J	<0.1	<0.1	<0.1	0.1 J	3.8 J	4.1 J	12	8.0 J	<0.91	2.3 J	3.2 J		<5.0	<5.0	<5.0
Isopropylbenzene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.8 J	6.2	1.2
Indeno(1,2,3-cd)pyrene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1 J	<0.21	<0.21	<0.22	<0.21	<1.3	<1.3	<0.94		<5.0	<5.0	<5.0
Naphthalene	10	ug/L	<0.1	<0.1	<0.1	1	0.9	<0.1	<0.1	<0.1	<0.1	2.5 J	3.1 J	5.5 J	5.8 J	<1.1	<1.1	<1.1		<5.0	<5.0	<5.0
Phenanthrene	50	ug/L	<0.1	0.1 J	<0.1	0.1 J	0.9	<0.1	0.1 J	<0.1	0.3 J	1.5 J	1.3 J	7.4 J	3.7 J	<0.58	1.3 J	1.1 J		<5.0	<5.0	<5.0
Pyrene	50	ug/L	<0.1	0.1 J	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.85	<0.83	<0.86	<0.83	<1.6	<1.6	<1.6		<5.0	<5.0	<5.0

Table 2
Summary of Groundwater Sample Analytical Results

			MW-2																			
Constituent	TOGS 1.1.1	Units	8/26/13	11/8/13	3/19/14	5/15/14	8/4/14	11/6/14	2/23/15	8/20/15	2/2/16	8/2/16	2/1/17	8/7/17	2/1/18	8/8/18	8/7/19	8/5/20	8/30/21	8/18/22	8/17/23	8/22/24
Benzene	1	ug/L	<0.5	2 J	170	5	19	36	360	75	47	38	43	69	260	43	<0.20	19	9.7	5.8	32	<0.5
Ethylbenzene	5	ug/L	<0.8	1 J	66	1	13	13	100	43	14	5.9	2.1	2.4	59	7.8	<0.30	6.6	2.1	2	2.0	<0.5
Toluene	5	ug/L	<0.7	1 J	76	<0.5	4	6	36	6	3	0.93 J	1.9	0.67 J	9.8	3.6	<0.38	<0.38	<1.0	<1.0	<1.0	<0.5
Xylenes (total)	5	ug/L	<0.8	4 J	300	10	36	45	230	40	26	7.21	26.5	13.81	74	13	<0.36	<0.36	0.8 J	<1.0	2.7	<0.5
Total BTEX	--	ug/L	ND	8	612	16	72	100	726	164	90	52.04	73.5	85.88	402.8	67.4	ND	25.6	12.6	7.8	36.7	ND
2-Methylnaphthalene	--	ug/L	<0.1	<0.1	58	0.3 J	0.7	0.1 J	4	2	0.4 J	<0.88	<0.88	<0.92	<0.88	<1.1	<1.1	<1.1	<5.0	<5.0	<5.0	<5.0
Acenaphthene	20	ug/L	<0.1	<0.1	25	2	9	10	34	25	15	6.1 J	<0.88	9.7 J	22	<1.1	<1.1	5.6 J	<5.0	<5.0	7.2	<5.0
Acenaphthylene	--	ug/L	<0.1	<0.1	15	1	4	4	21	12	5	1.7 J	<0.65	2.1 J	1.9 J	<0.82	<0.82	<0.82	<5.0	<5.0	<5.0	<5.0
Anthracene	50	ug/L	<0.1	<0.1	5	0.6	3	3	7	8	4	1.8 J	<0.57	0.88 J	1.7 J	<0.63	<0.63	<0.63	<5.0	<5.0	<5.0	<5.0
Benzo(a)anthracene	0.002	ug/L	<0.1	<0.1	0.1 J	0.2 J	0.6	<0.1	0.2 J	2	0.9	<0.55	<0.55	<0.57	<0.55	<0.59	<0.59	<0.59	<5.0	<5.0	<5.0	<5.0
Benzo(a)pyrene	--	ug/L	<0.1	<0.1	<0.1	0.2 J	0.4 J	<0.1	<0.1	1	0.7	<0.16	<0.16	<0.17	<0.16	<0.41	<0.41	<0.41	<10	<10	<10	<5.0
Benzo(b)fluoranthene	0.002	ug/L	<0.1	<0.1	<0.1	0.2 J	0.5 J	<0.1	<0.1	1	0.6	<0.44	<0.44	<0.46	<0.44	<1.1	<1.1	<0.68	<10	<10	<10	<5.0
Benzo(g,h,i)perylene	--	ug/L	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1	<0.1	0.6	0.4 J	<0.75	<0.75	<0.78	<0.75	<1.4	<1.4	<1.4	<10	<10	<10	<5.0
Benzo(k)fluoranthene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1	<0.1	0.7	0.5 J	<0.18	<0.18	<0.19	<0.18	<0.67	<0.67	<0.67	<10	<10	<10	<5.0
Chrysene	0.002	ug/L	<0.1	<0.1	0.1 J	0.3 J	0.5	<0.1	0.2 J	2	0.8	<0.67	<0.67	<0.70	<0.67	<0.91	<0.91	<0.91	<5.0	<5.0	<5.0	<5.0
Dibenz(a,h)anthracene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3 J	0.3 J	<0.090	<0.090	<0.094	<0.090	<0.72	<0.72	<0.72	<5.0	<5.0	<5.0	<5.0
Dibenzofuran	--	ug/L	<0.5	<0.5	22	2	8	10	31	26	13	6.5 J	<0.85	<0.89	13	<1.1	<1.1	4.7 J	<5.0	<5.0	5.1	<5.0
Fluoranthene	50	ug/L	0.1 J	<0.1	3	0.8	3	2	5	8	4	2.5 J	<0.72	<0.75	1.3 J	<0.84	<0.84	<0.84	<5.0	<5.0	<5.0	<5.0
Fluorene	50	ug/L	0.1 J	<0.1	22	2	8	10	29	26	13	6.9 J	<0.80	6.8 J	12	<0.91	<0.91	3.0 J	<5.0	<5.0	5.1	<5.0
Isopropylbenzene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	2.2	<5.0
Indeno(1,2,3-cd)pyrene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1	<0.1	0.7	0.4 J	<0.21	<0.21	<0.22	<0.21	<1.3	<1.3	<0.94	<5.0	<5.0	<5.0	<5.0
Naphthalene	10	ug/L	0.6	<0.1	760	0.2 J	12	0.5	1,300	350	3	<0.80	<0.80	<0.83	1.6 J	<1.1	<1.1	<1.1	3.3 J	<5.0	<5.0	<5.0
Phenanthrene	50	ug/L	0.2 J	<0.1	14	1	5	7	23	27	11	2.4 J	<0.65	1.5 J	3.5 J	<0.58	<0.58	<0.58	<5.0	<5.0	<5.0	<5.0
Pyrene	50	ug/L	0.1 J	<0.1	2	0.6	2	1	3	6	2	1.6 J	<0.83	<0.86	<0.83	<1.6	<1.6	<1.6	<5.0	<5.0	<5.0	<5.0

Table 2
Summary of Groundwater Sample Analytical Results

			MW-3																		
Constituent	TOGS 1.1.1	Units	8/26/13	11/8/13	3/19/14	5/15/14	8/4/14	11/6/14	2/23/15	8/20/15	2/2/16	8/2/16	2/1/17	8/7/17	2/1/18	8/8/18	8/7/19	8/5/20	8/30/21	8/18/22	8/17/23
Benzene	1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.090	<0.090	<0.090	<0.090	15	<0.20	<0.20	<1.0	<1.0	<1.0
Ethylbenzene	5	ug/L	<0.8	<0.8	<0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.30	<0.30	<0.30	<0.30	0.77 J	<0.30	<0.30	<1.0	<1.0	<1.0
Toluene	5	ug/L	<0.7	<0.7	<0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	<0.25	<0.25	<0.38	<0.38	<0.38	<1.0	<1.0	<1.0
Xylenes (total)	5	ug/L	<0.8	<0.8	<0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.32	<0.32	<0.32	<0.32	3	<0.36	<0.36	<1.0	<1.0	<1.0
Total BTEX	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.77	ND	ND	ND	ND	ND
2-Methylnaphthalene	--	ug/L	<0.1	<0.1	0.1 J	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.88	<0.88	<0.92	<0.88	2.0 J	<1.1	<1.1	<5.0	<5.1	<5.0
Acenaphthene	20	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1 J	<0.88	<0.88	<0.92	<0.88	19	<1.1	<1.1	<5.0	<5.1	<5.0
Acenaphthylene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1 J	<0.65	<0.65	<0.68	<0.65	<0.82	<0.82	<0.82	<5.0	<5.1	<5.0
Anthracene	50	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.57	<0.57	<0.59	<0.57	<0.63	<0.63	<0.63	<5.0	<5.1	<5.0
Benzo(a)anthracene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.55	<0.55	<0.57	<0.55	<0.59	<0.59	<0.59	<5.0	<5.1	<5.0
Benzo(a)pyrene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.16	<0.16	<0.17	<0.16	<0.41	<0.41	<0.41	<10	<10	<10
Benzo(b)fluoranthene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.44	<0.44	<0.46	<0.44	<1.1	<1.1	<0.68	<10	<10	<10
Benzo(g,h,i)perylene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.75	<0.75	<0.78	<0.75	<1.4	<1.4	<1.4	<10	<10	<10
Benzo(k)fluoranthene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.18	<0.18	<0.19	<0.18	<0.67	<0.67	<0.67	<10	<10	<10
Chrysene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.67	<0.67	<0.70	<0.67	<0.91	<0.91	<0.91	<5.0	<5.1	<5.0
Dibenz(a,h)anthracene	--	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.090	<0.090	<0.094	<0.090	<0.72	<0.72	<0.72	<5.0	<5.1	<5.0
Dibenzofuran	--	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.85	<0.85	<0.89	<0.85	4.8 J	<1.1	<1.1	<5.0	<5.1	<5.0
Fluoranthene	50	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.72	<0.72	<0.75	<0.72	<0.84	<0.84	<0.84	<5.0	<5.1	<5.0
Fluorene	50	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1 J	<0.80	<0.80	<0.83	<0.80	6.5 J	<0.91	<0.91	<5.0	<5.1	<5.0
Isopropylbenzene	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.0	<1.0
Indeno(1,2,3-cd)pyrene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.21	<0.21	<0.22	<0.21	<1.3	<1.3	<0.94	<5.0	<5.1	<5.0
Naphthalene	10	ug/L	<0.1	<0.1	1	1	<0.1	<0.1	0.2 J	0.1 J	<0.1	<0.80	<0.80	<0.83	<0.80	2.0 J	<1.1	<1.1	<5.0	<5.1	<5.0
Phenanthrene	50	ug/L	<0.1	<0.1	0.1 J	<0.1	<0.1	<0.1	<0.1	0.1 J	0.2 J	<0.65	<0.65	<0.68	<0.65	3.8 J	<0.58	<0.58	<5.0	<5.1	<5.0
Pyrene	50	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.83	<0.83	<0.86	<0.83	<1.6	<1.6	<1.6	<5.0	<5.1	<5.0

Sampling Discontinued

Table 2
Summary of Groundwater Sample Analytical Results

Notes:

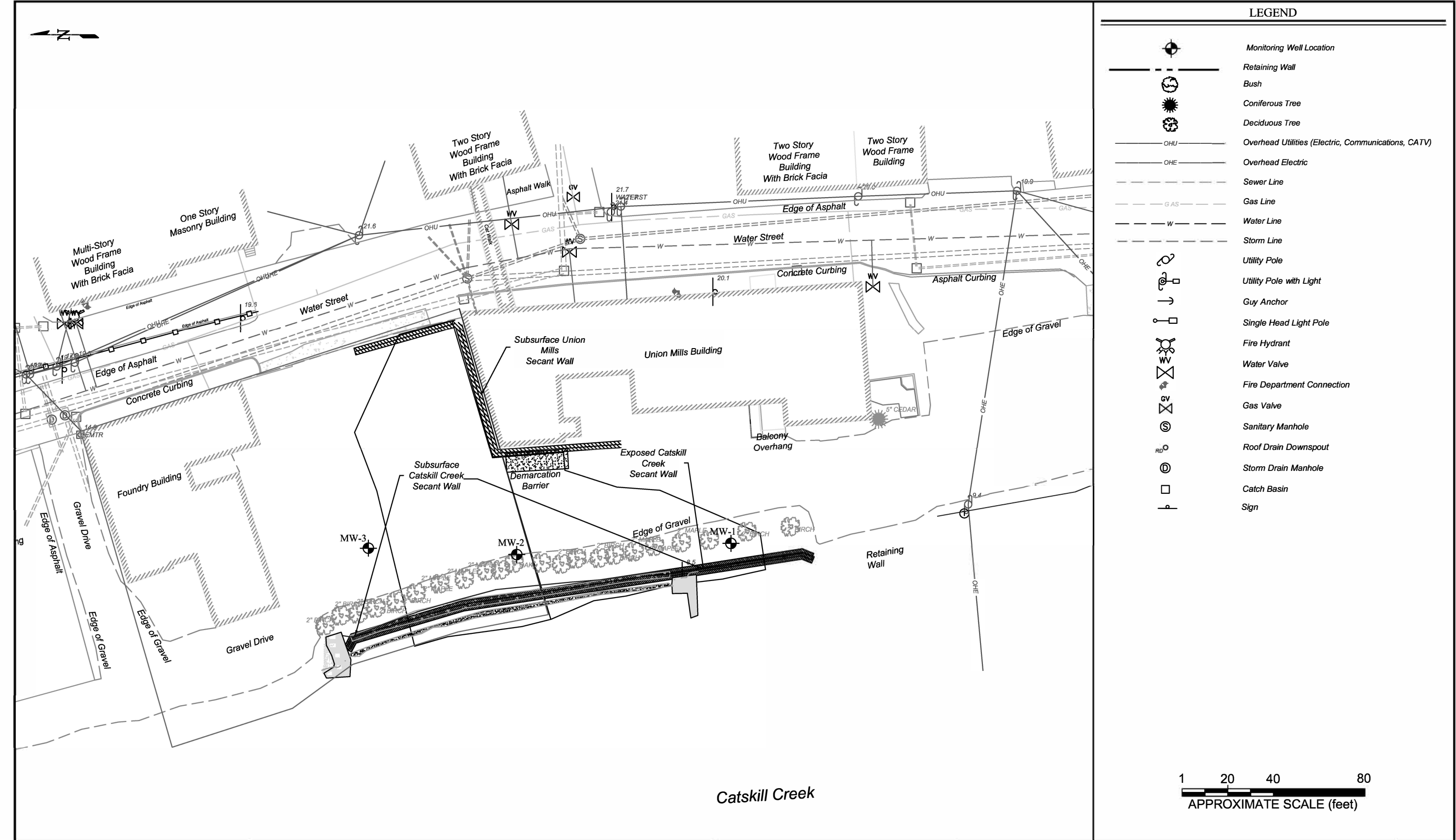
ND - Respective benzene, toluene, ethylbenzene and xylenes (BTEX) results below method detection limit (Not Detected).

J - Laboratory estimated value.

Shading indicates that the value exceeds NYSDEC TOGS 1.1.1 ambient water quality standards and guidance values.

ug/L - micrograms per liter.

Figure



BOHEMIA, NY

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.

NOTES:



KLEINFELDER

Bright People. Right Solutions.

www.kleinfelder.com

PROJECT NO.	134329
DRAWN:	03/25/2014
DRAWN BY:	J.R
CHECKED BY:	E.C
FILE NAME:	

SITE PLAN

FORMER CATSKILL MGP SITE
125 WATER STREET
CATSKILL, NEW YORK

FIGURE

1

Monitoring Data (field notes)



Central Hudson Gas and Electric – CATSKILL MGP

Sample Location: MW-1Sample Date: 8/22/24Sample Time: 14:00Sample ID: MW-1Sampler Initials: DMWeather Conditions: Sunny/70'sField Observation(s)/Well Condition: GoodPurge Date: 8/22/24Purge Method: Peristaltic Pump / BailerSample Method: Peristaltic Pump / Bailer

Static Water Level	<u>8.72</u>	Water Column Height	<u>9.38</u>
LNAPL	<u>—</u>	1 Purge Volume	<u>23 Liters</u>
DNAPL	<u>—</u>	Purge Rate	<u>500 ml/min</u>
Well Depth	<u>17.70</u>	Approximate Volume Purged	<u>25 Liters</u>

Volume Removed	Initial			Sample							Stabilization Criteria
Time	<u>13:10</u>	<u>13:50</u>	<u>13:55</u>	<u>14:00</u>							
Static Water Level	<u>8.72</u>	<u>7.85</u>	<u>7.71</u>	<u>7.58</u>							< 0.3 feet
Purge Rate	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>							
Temperature	<u>23</u>	<u>23</u>	<u>23</u>	<u>23</u>							+/- 1 ° C
Specific Conductance	<u>530</u>	<u>383</u>	<u>380</u>	<u>376</u>							+/- 3 %
Dissolved Oxygen	<u>0.60</u>	<u>0.14</u>	<u>0.16</u>	<u>0.18</u>							+/- 10 % or <1
pH	<u>7.2</u>	<u>7.4</u>	<u>7.4</u>	<u>7.4</u>							+/- 0.1 s.u.
Redox Potential	<u>196.6</u>	<u>85.0</u>	<u>81.1</u>	<u>77.9</u>							+/- 10 mV
Turbidity	<u>18.6</u>	<u>6.02</u>	<u>5.98</u>	<u>5.85</u>							+/- 10 % or <10
Observation	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>							

Did the well purge dry? YES ☒ NOSamples Collected: EPA 8260 ☒ YES / NOEPA 8270 ☒ YES / NO

DUPLICATE / MS / MSD (CIRCLE ALL THAT APPLY)

Comments: Stabilization achieved, sample collected. Hudson River tide rising during purging. Water level rising during sampling



Central Hudson Gas and Electric – CATSKILL MGP

Sample Location: MW-2Sample Date: 8/22/24Sample Time: 14:45Sample ID: MW-2Sampler Initials: DMWeather Conditions: Sunny/70'sField Observation(s)/Well Condition: GoodPurge Date: 8/22/24Purge Method: Peristaltic Pump / BailerSample Method: Peristaltic Pump / Bailer

Static Water Level	<u>8.32</u>	Water Column Height	<u>11.04</u>
LNAPL	<u>—</u>	1 Purge Volume	<u>28 Liters</u>
DNAPL	<u>—</u>	Purge Rate	<u>500 ml/min</u>
Well Depth	<u>19.36</u>	Approximate Volume Purged	<u>12.5 Liters</u>

Volume Removed	Initial			Sample						Stabilization Criteria
Time	<u>14:20</u>	<u>14:35</u>	<u>14:40</u>	<u>14:45</u>						
Static Water Level	<u>8.32</u>	<u>7.75</u>	<u>7.55</u>	<u>7.48</u>						< 0.3 feet
Purge Rate	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>						
Temperature	<u>22</u>	<u>23</u>	<u>23</u>	<u>23</u>						+/- 1 ° C
Specific Conductance	<u>755</u>	<u>683</u>	<u>670</u>	<u>663</u>						+/- 3 %
Dissolved Oxygen	<u>0.38</u>	<u>0.14</u>	<u>0.15</u>	<u>0.15</u>						+/- 10 % or <1
pH	<u>7.3</u>	<u>7.4</u>	<u>7.4</u>	<u>7.4</u>						+/- 0.1 s.u.
Redox Potential	<u>91.4</u>	<u>75.6</u>	<u>70.6</u>	<u>66.7</u>						+/- 10 mV
Turbidity	<u>17.3</u>	<u>17.5</u>	<u>17.1</u>	<u>17.0</u>						+/- 10 % or <10
Observation	<u>Clear</u>	<u>clear</u>	<u>Clear</u>	<u>Clear</u>						

Did the well purge dry? YES (NO)

Samples Collected:

EPA 8260 YES / NOEPA 8270 YES / NODUPLICATE / MS / MSD (CIRCLE ALL THAT APPLY)Comments: Stabilization achieved, sample collected. Hudson River tide rising during purging. Water level rising during sampling.

Analytical Report



Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

September 26, 2024

Jesse Gallo
Central Hudson Gas & Electric
284 South Avenue
Poughkeepsie, NY 12601
TEL: (845) 486-5691

Work Order No: 240823014

RE: Catskill
Catskill MGP

Dear Jesse Gallo:

"I certify that this data package is in compliance with the terms and conditions of the protocol, both technically and for completeness, to the best of my knowledge, for other than the conditions detailed in the Case Narrative. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature."

A handwritten signature in black ink, appearing to read "Tara Daniels".

Tara Daniels
Laboratory Director

Workorder Sample Summary

Client: Central Hudson Gas & Electric

Work Order: 240823014

ProjectName: Catskill

ProjLocation: Catskill MGP

AES Sample No	ClientSampID	Matrix	CollectionDate	DateReceived
240823014-001	MW-1	Groundwater	8/22/2024 2:00:00 PM	8/23/2024 10:00:00 AM
240823014-002	MW-2	Groundwater	8/22/2024 2:45:00 PM	8/23/2024 10:00:00 AM
240823014-003	MW-2 Duplicate	Groundwater	8/22/2024 2:45:00 PM	8/23/2024 10:00:00 AM
240823014-004	Field Blank	Field Blank	8/22/2024 2:10:00 PM	8/23/2024 10:00:00 AM
240823014-005	Trip Blank	Trip Blank	8/22/2024	8/23/2024 10:00:00 AM



Experience is the Solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891
www.adirondackenvironmental.com

Case Narrative

Client: Central Hudson – Catskill MGP

Case: 240823014

SDG: MW-1

Volatile Organics

- 1) The samples were analyzed using EPA Method 8260 following the criteria for NYSDEC ASP.
- 2) The samples received on 8/23/24 had a temperature of 4 °C.
- 3) The water samples were preserved with HCl to a pH of less than 2. All samples were analyzed within the required holding times.
- 4) The %RSD's for the compounds Trichlorofluoromethane, Acetone and Methylene Chloride in the initial calibration analyzed on 8/28/24 were outside the criteria established by the method. The %RSD's for these compounds were 21.05 %, 21.15 % and 98.97 %, respectively. These compounds were quantitated using linear regression. No further action was taken.
- 5) The %D's for the compounds Chloromethane, Bromomethane, Carbon Disulfide, 1,1-Dichloroethene, Methylene Chloride, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, 1,2-Dichloroethane, cis-1,3-Dichloropropene, Dibromochloromethane, Tetrachloroethene, Ethylbenzene, Styrene, m,p-Xylene, Trichlorofluoromethane and Cyclohexane in the continuing calibration analyzed on 9/4/24 were outside the criteria established by the method. The %D's for these compounds were 37.6 %, 47.4 %, 26.8 %, 25.2 %, 42.2 %, 25.1 %, 28.2 %, 21.5 %, 20.8 %, 24.8 %, 20.3 %, 20.2 %, 22.6 %, 22.2 %, 48.2 % and 27.6 %, respectively. The compounds Bromomethane and Methylene Chloride for the samples associated with this continuing calibration are flagged with a "C" to denote the low recovery. The compound Chloromethane for the samples associated with this continuing calibration is flagged with a "C+" to denote the high recovery. The compounds Carbon Disulfide, 1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, 1,2-Dichloroethane, cis-1,3-Dichloropropene, Dibromochloromethane, Tetrachloroethene, Ethylbenzene, Styrene, m,p-Xylene, Trichlorofluoromethane and Cyclohexane are not flagged since the recovery was higher than the specified limit and the samples results were below the reporting limit. No further action was taken.
- 6) Sample MW-2 (AES sample number 240823014-002) was used for the water matrix spike and the matrix spike duplicate analysis. Due to an instrument problem, the MS/MSD were not analyzed. No further action was taken.



Experience is the Solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891
www.adirondackenvironmental.com

- 7) A matrix spike blank (LCS) was analyzed each day of analysis. The LCS analyzed on 9/4/24 had a low recovery for the compound Bromomethane. The samples associated with this LCS have the compound Bromomethane flagged with an "S" to denote the low recovery. The LCS analyzed on 9/4/24 had a high recovery for the compound Chloromethane. The samples associated with this LCS have the compound Chloromethane flagged with an "S+" to denote the high recovery. The LCS analyzed on 9/4/24 had high recoveries for the compounds 1,2,4-Trichlorobenzene, cis-1,2-Dichloroethene, Dibromochloromethane and Trichlorofluoromethane. These compounds are not flagged with an "S+" since the recovery was high than the specified limit and the results were below the reporting limit. No further action was taken.
- 8) The method blank, MBLK, analyzed on 9/4/24 had the compound Chloromethane present. The levels present were within the acceptable range as specified by the protocol. Samples with this compound present are flagged with a "B".
- 9) The column used in Instrument D for analysis was a DB-624, 20 meters long with an internal diameter of 0.18 mm. The trap used for this instrument is a Teledyne/Techmar #9.

Semi-Volatile Organics

- 1) The samples specified on the chain of custody were analyzed for EPA Method 8270D following the criteria for NYSDEC ASP.
- 2) The compound 4-Methylphenol co-elutes with the compound 3-Methylphenol.
- 3) The %RSD's for the compounds Hexachlorocyclopentadiene and 2,4-Dinitrophenol in the initial calibration analyzed on 7/19/24 were outside the criteria established by the method. The %RSD's for these compounds were 32.62 % and 37.23 %, respectively. These compounds were quantitated using linear regression. No further action was taken.
- 4) The %D for the compound 2,4-Dinitrophenol in the continuing calibration analyzed on 9/6/24 was outside the criteria established by the method. The %D for this compound was 49.1 %. The compound 2,4-Dinitrophenol for the samples associated with this continuing calibration is not flagged with a "C+" to denote the high recovery since the recovery was higher than the specified limit and the samples results were below the reporting limit. No further action was taken.
- 5) Sample MW-2 (AES sample number 240823014-002) was used for the matrix spike and the matrix spike duplicate analysis. The matrix spike and matrix spike duplicate recoveries for the compound Hexachlorocyclopentadiene was outside acceptable limits. This compound is flagged on sample MW-2 (AES sample number 240823014-002) with an "N" to denote the low recovery.
- 6) The matrix spike blank (LCS-111118) analyzed on 9/6/23 had low recoveries for the compounds 4-Chloroaniline, Hexachlorocyclopentadiene and Phenol. The samples associated with this LCS have these compounds flagged with an "S" to denote the low recovery.



Experience is the Solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891
www.adirondackenvironmental.com

“I certify that this data package is in compliance with the terms and conditions of the protocol, both technically and for completeness, to the best of my knowledge, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.”

A handwritten signature in black ink, appearing to read "Tara Davis", is written over a horizontal line.

Laboratory Director

Date: 9/26/2024



314 North Pearl Street
Albany, New York 12207
518-434-4546 ♦ Fax: 518-434-0891

CHAIN OF CUSTODY RECORD

AES Work Order#:

240823014

EXPERIENCE IS THE SOLUTION

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: CENTRAL HUDSON GAS AND ELECTRIC		Address:						
Send Report to: JESSE GALLO		Project Name (Location): CATSKILL MGP				Samplers Name: <i>Derek Merker</i>		
Client Phone No:		PO #:				Samplers Signature: <i>[Signature]</i>		
Client Fax No:								
AES Sample ID	Client Sample ID:	Date Sampled	Time A=am P=pm	Sample Type			# of Cont's	Analysis
				Matrix	C	G		
001	MW-1	8/22/24	14:00	A (P)	GW		3	TCL 8260 / 8270
002	MW-2	8/22/24	14:45	A (P)	GW		9	
				A P				
003	MW-2 DUPLICATE	8/22/24	14:45	A (P)	GW		3	
004	FIELD BLANK	8/22/24	14:10	A (P)	WA		3	
005	TRIP BLANK	8/22/24		A P	WA		1	TCL 8260
				A P				
				A P				
				A P				
				A P				
				A P				
				A P				
				A P				
				A P				
				A P				
				A P				
Shipment Arrived Via: FedEx UPS Client <u>AES</u> Other: _____		Special Instructions/Remarks: MW-2 EXTRA VOLUME COLLECTED FOR MS/MSD MW-3 Sampling Discontinued after 2023						
Turnaround Time Requested: ④ NORMAL – CLP CAT B								
Relinquished by: (Signature)		Received by: (Signature)				Date	Time	
Relinquished by: (Signature)		Received by: (Signature)				Date	Time	
Relinquished by: (Signature) <i>[Signature]</i>		Received for Laboratory by: <i>[Signature]</i>				Date 8/23	Time 10:00	
Sample Temperature Ambient Chilled Chilling Process begun Notes: <u>4°C</u>		Properly Preserved <u>Y</u> N Notes: _____				Received Within Holding Times <u>Y</u> N Notes: _____		



240823014

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 11:11:00 AM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:11:00 AM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:11:00 AM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:11:00 AM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Isophorone	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 11:11:00 AM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Hexachlorocyclopentadiene	ND	5.0	S	µg/L	1	9/6/2024 11:11:00 AM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 11:11:00 AM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Fluorene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:11:00 AM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Anthracene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Carbazole	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Pyrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
3,3'-Dichlorobenzidene	ND	40		µg/L	1	9/6/2024 11:11:00 AM
Benz(a)anthracene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Chrysene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Surr: 2,4,6-Tribromophenol	2.84	31.4-137	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: 2-Fluorobiphenyl	5.12	37.9-127	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: 2-Fluorophenol	0.680	23.4-95.6	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: 4-Terphenyl-d14	33.4	41.4-132	S	%REC	1	9/6/2024 11:11:00 AM
Surr: Nitrobenzene-d5	1.56	36.9-118	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: Phenol-d5	1.22	11.9-92.7	JS	%REC	1	9/6/2024 11:11:00 AM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	2.0	0.5	S+C+B	µg/L	1	9/4/2024 5:02:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 5:02:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - LCS Spike below accepted limits (+ above)
J - Analyte detected below quantitation limits Z - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank N - Matrix Spike below accepted limits (+ above)
X - Value exceeds Maximum Contaminant Level T - Tentatively Identified Compound-Estimated Conc.
E - Value above quantitation range-Estimate

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Isopropylbenzene	1.2	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 5:02:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	80.3-122		%REC	1	9/4/2024 5:02:00 PM
Surr: 4-Bromofluorobenzene	97.8	74.1-124		%REC	1	9/4/2024 5:02:00 PM
Surr: Toluene-d8	94.6	79.6-115		%REC	1	9/4/2024 5:02:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 11:38:00 AM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:38:00 AM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:38:00 AM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:38:00 AM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Isophorone	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 11:38:00 AM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Hexachlorocyclopentadiene	ND	5.0	SN	µg/L	1	9/6/2024 11:38:00 AM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 11:38:00 AM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Fluorene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:38:00 AM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Anthracene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Carbazole	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Pyrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
3,3'-Dichlorobenzidene	ND	40		µg/L	1	9/6/2024 11:38:00 AM
Benzo(a)anthracene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Chrysene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Surr: 2,4,6-Tribromophenol	68.5	31.4-137		%REC	1	9/6/2024 11:38:00 AM
Surr: 2-Fluorobiphenyl	62.3	37.9-127		%REC	1	9/6/2024 11:38:00 AM
Surr: 2-Fluorophenol	49.4	23.4-95.6		%REC	1	9/6/2024 11:38:00 AM
Surr: 4-Terphenyl-d14	68.9	41.4-132		%REC	1	9/6/2024 11:38:00 AM
Surr: Nitrobenzene-d5	56.6	36.9-118		%REC	1	9/6/2024 11:38:00 AM
Surr: Phenol-d5	22.5	11.9-92.7		%REC	1	9/6/2024 11:38:00 AM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	2.1	0.5	S+C+B	µg/L	1	9/4/2024 6:07:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 6:07:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 6:07:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	96.7	80.3-122		%REC	1	9/4/2024 6:07:00 PM
Surr: 4-Bromofluorobenzene	95.5	74.1-124		%REC	1	9/4/2024 6:07:00 PM
Surr: Toluene-d8	97.7	79.6-115		%REC	1	9/4/2024 6:07:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 12:05:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:05:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:05:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:05:00 PM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Isophorone	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 12:05:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Hexachlorocyclopentadiene	ND	5.0	S	µg/L	1	9/6/2024 12:05:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 12:05:00 PM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Fluorene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:05:00 PM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Anthracene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Carbazole	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Pyrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
3,3'-Dichlorobenzidene	ND	40		µg/L	1	9/6/2024 12:05:00 PM
Benzo(a)anthracene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Chrysene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Surr: 2,4,6-Tribromophenol	59.0	31.4-137		%REC	1	9/6/2024 12:05:00 PM
Surr: 2-Fluorobiphenyl	56.9	37.9-127		%REC	1	9/6/2024 12:05:00 PM
Surr: 2-Fluorophenol	45.7	23.4-95.6		%REC	1	9/6/2024 12:05:00 PM
Surr: 4-Terphenyl-d14	67.0	41.4-132		%REC	1	9/6/2024 12:05:00 PM
Surr: Nitrobenzene-d5	51.0	36.9-118		%REC	1	9/6/2024 12:05:00 PM
Surr: Phenol-d5	47.5	11.9-92.7		%REC	1	9/6/2024 12:05:00 PM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	1.8	0.5	S+C+B	µg/L	1	9/4/2024 5:23:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 5:23:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - LCS Spike below accepted limits (+ above)
J - Analyte detected below quantitation limits Z - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank N - Matrix Spike below accepted limits (+ above)
X - Value exceeds Maximum Contaminant Level T - Tentatively Identified Compound-Estimated Conc.
E - Value above quantitation range-Estimate

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 5:23:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Surr: 1,2-Dichloroethane-d4	102	80.3-122		%REC	1	9/4/2024 5:23:00 PM
Surr: 4-Bromofluorobenzene	97.1	74.1-124		%REC	1	9/4/2024 5:23:00 PM
Surr: Toluene-d8	93.0	79.6-115		%REC	1	9/4/2024 5:23:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 12:33:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:33:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:33:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:33:00 PM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Isophorone	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 12:33:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Hexachlorocyclopentadiene	ND	5.0	S	µg/L	1	9/6/2024 12:33:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 12:33:00 PM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Fluorene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:33:00 PM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Anthracene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Carbazole	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Pyrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
3,3'-Dichlorobenzidine	ND	40		µg/L	1	9/6/2024 12:33:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Chrysene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Surr: 2,4,6-Tribromophenol	76.7	31.4-137		%REC	1	9/6/2024 12:33:00 PM
Surr: 2-Fluorobiphenyl	71.7	37.9-127		%REC	1	9/6/2024 12:33:00 PM
Surr: 2-Fluorophenol	56.6	23.4-95.6		%REC	1	9/6/2024 12:33:00 PM
Surr: 4-Terphenyl-d14	75.5	41.4-132		%REC	1	9/6/2024 12:33:00 PM
Surr: Nitrobenzene-d5	62.9	36.9-118		%REC	1	9/6/2024 12:33:00 PM
Surr: Phenol-d5	19.9	11.9-92.7		%REC	1	9/6/2024 12:33:00 PM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	1.9	0.5	S+C+B	µg/L	1	9/4/2024 5:45:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 5:45:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 5:45:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Surr: 1,2-Dichloroethane-d4	95.1	80.3-122		%REC	1	9/4/2024 5:45:00 PM
Surr: 4-Bromofluorobenzene	96.9	74.1-124		%REC	1	9/4/2024 5:45:00 PM
Surr: Toluene-d8	96.1	79.6-115		%REC	1	9/4/2024 5:45:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Trip Blank
Collection Date: 8/22/2024
Lab Sample ID: 240823014-005
Matrix: TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	1.9	0.5	S+C+B	µg/L	1	9/4/2024 4:40:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 4:40:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Acetone	6.2	5.0		µg/L	1	9/4/2024 4:40:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 4:40:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 4:40:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 4:40:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Trip Blank
Collection Date: 8/22/2024
Lab Sample ID: 240823014-005
Matrix: TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 4:40:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Surr: 1,2-Dichloroethane-d4	97.1	80.3-122		%REC	1	9/4/2024 4:40:00 PM
Surr: 4-Bromofluorobenzene	93.1	74.1-124		%REC	1	9/4/2024 4:40:00 PM
Surr: Toluene-d8	94.9	79.6-115		%REC	1	9/4/2024 4:40:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	2.0	0.5	S+C+B	µg/L	1	9/4/2024 5:02:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 5:02:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 5:02:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Isopropylbenzene	1.2	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 5:02:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:02:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	80.3-122		%REC	1	9/4/2024 5:02:00 PM
Surr: 4-Bromofluorobenzene	97.8	74.1-124		%REC	1	9/4/2024 5:02:00 PM
Surr: Toluene-d8	94.6	79.6-115		%REC	1	9/4/2024 5:02:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	2.1	0.5	S+C+B	µg/L	1	9/4/2024 6:07:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 6:07:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 6:07:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 6:07:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	96.7	80.3-122		%REC	1	9/4/2024 6:07:00 PM
Surr: 4-Bromofluorobenzene	95.5	74.1-124		%REC	1	9/4/2024 6:07:00 PM
Surr: Toluene-d8	97.7	79.6-115		%REC	1	9/4/2024 6:07:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	1.8	0.5	S+C+B	µg/L	1	9/4/2024 5:23:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 5:23:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 5:23:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 5:23:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:23:00 PM
Surr: 1,2-Dichloroethane-d4	102	80.3-122		%REC	1	9/4/2024 5:23:00 PM
Surr: 4-Bromofluorobenzene	97.1	74.1-124		%REC	1	9/4/2024 5:23:00 PM
Surr: Toluene-d8	93.0	79.6-115		%REC	1	9/4/2024 5:23:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	1.9	0.5	S+C+B	µg/L	1	9/4/2024 5:45:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 5:45:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Acetone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 5:45:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 5:45:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 5:45:00 PM
Surr: 1,2-Dichloroethane-d4	95.1	80.3-122		%REC	1	9/4/2024 5:45:00 PM
Surr: 4-Bromofluorobenzene	96.9	74.1-124		%REC	1	9/4/2024 5:45:00 PM
Surr: Toluene-d8	96.1	79.6-115		%REC	1	9/4/2024 5:45:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Trip Blank
Collection Date: 8/22/2024
Lab Sample ID: 240823014-005
Matrix: TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
Chloromethane	1.9	0.5	S+C+B	µg/L	1	9/4/2024 4:40:00 PM
Bromomethane	ND	0.5	SC	µg/L	1	9/4/2024 4:40:00 PM
Vinyl chloride	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Chloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methylene chloride	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Acetone	6.2	5.0		µg/L	1	9/4/2024 4:40:00 PM
Carbon disulfide	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
trans-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
cis-1,2-Dichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Chloroform	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
2-Butanone	ND	5.0		µg/L	1	9/4/2024 4:40:00 PM
1,1,1-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Carbon tetrachloride	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Bromodichloromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dichloropropane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
cis-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Trichloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Dibromochloromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1,2-Trichloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Benzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
trans-1,3-Dichloropropene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Bromoform	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
4-Methyl-2-pentanone	ND	5.0		µg/L	1	9/4/2024 4:40:00 PM
2-Hexanone	ND	5.0		µg/L	1	9/4/2024 4:40:00 PM
Tetrachloroethene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,1,2,2-Tetrachloroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Toluene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Ethylbenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Styrene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
m,p-Xylene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
o-Xylene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methyl tert-butyl ether	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Dichlorodifluoromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methyl Acetate	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Trip Blank
Collection Date: 8/22/2024
Lab Sample ID: 240823014-005
Matrix: TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: DZ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Trichlorofluoromethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Cyclohexane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Methyl Cyclohexane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dibromoethane	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,3-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Isopropylbenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,4-Dichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	9/4/2024 4:40:00 PM
1,2,4-Trichlorobenzene	ND	0.5		µg/L	1	9/4/2024 4:40:00 PM
Surr: 1,2-Dichloroethane-d4	97.1	80.3-122		%REC	1	9/4/2024 4:40:00 PM
Surr: 4-Bromofluorobenzene	93.1	74.1-124		%REC	1	9/4/2024 4:40:00 PM
Surr: Toluene-d8	94.9	79.6-115		%REC	1	9/4/2024 4:40:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT**BatchID: R237102**

mblk	SeqNo: 3865100	TestNo: SW8260C	RunNo: 237102
	Samp ID: vblk	Units: µg/L	Analysis Date: 9/4/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	1.0									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2-Butanone	ND	5.0									
2-Hexanone	ND	5.0									
4-Methyl-2-pentanone	ND	5.0									
Acetone	ND	5.0									
Benzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon disulfide	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	1.91	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Cyclohexane	ND	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: R237102

mbk	SeqNo: 3865100	TestNo: SW8260C	RunNo: 237102
	Samp ID: vblk	Units: µg/L	Analysis Date: 9/4/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	0.50									
Methyl Acetate	ND	0.50									
Methyl Cyclohexane	ND	0.50									
Methyl tert-butyl ether	ND	0.50									
Methylene chloride	ND	0.50									
o-Xylene	ND	0.50									
Styrene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
trans-1,3-Dichloropropene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	48.08	0.50	50	0	96.2	80.3	122	0	0		
Surr: 4-Bromofluorobenzene	49.93	0.50	50	0	99.9	74.1	124	0	0		
Surr: Toluene-d8	47.03	0.50	50	0	94.1	79.6	115	0	0		

lcs	SeqNo: 3865099	TestNo: SW8260C	RunNo: 237102
	Samp ID: lcs	Units: µg/L	Analysis Date: 9/4/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
1,1,1-Trichloroethane	29.47	0.50	25	0	118	74.5	124	0	0		
1,1,2,2-Tetrachloroethane	29.03	0.50	25	0	116	72.1	126	0	0		
1,1,2-Trichloro-1,2,2-trifluoroethane	29.82	0.50	25	0	119	67.5	132	0	0		
1,1,2-Trichloroethane	27.5	0.50	25	0	110	74.3	124	0	0		
1,1-Dichloroethane	29.3	0.50	25	0	117	73.8	127	0	0		
1,1-Dichloroethene	31.39	0.50	25	0	126	68.1	134	0	0		
1,2,4-Trichlorobenzene	32.81	0.50	25	0	131	74	126	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: R237102

ICS	SeqNo: 3865099	TestNo: SW8260C	RunNo: 237102
	Samp ID: Ics	Units: µg/L	Analysis Date: 9/4/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	29.2	1.0	25	0	117	72.6	126		0	0	
1,2-Dibromoethane	29.25	0.50	25	0	117	73.6	122		0	0	
1,2-Dichlorobenzene	28.87	0.50	25	0	115	73.1	123		0	0	
1,2-Dichloroethane	30.4	0.50	25	0	122	73.9	124		0	0	
1,2-Dichloropropane	28.18	0.50	25	0	113	72	125		0	0	
1,3-Dichlorobenzene	29.92	0.50	25	0	120	71.1	123		0	0	
1,4-Dichlorobenzene	29.2	0.50	25	0	117	72.5	120		0	0	
2-Butanone	24.81	5.0	25	0	99.2	63.4	129		0	0	
2-Hexanone	26.83	5.0	25	0	107	65	137		0	0	
4-Methyl-2-pentanone	25.19	5.0	25	0	101	68.2	126		0	0	
Acetone	24.99	5.0	25	0	100	59.8	139		0	0	
Benzene	28.35	0.50	25	0	113	71.6	120		0	0	
Bromodichloromethane	29.42	0.50	25	0	118	73.6	127		0	0	
Bromoform	27.48	0.50	25	0	110	65.8	120		0	0	
Bromomethane	13.18	0.50	25	0	52.7	64	120		0	0	S
Carbon disulfide	31.67	0.50	25	0	127	62	134		0	0	
Carbon tetrachloride	21.07	0.50	25	0	84.3	71.4	130		0	0	
Chlorobenzene	29.49	0.50	25	0	118	69.8	125		0	0	
Chloroethane	27.54	0.50	25	0	110	56.8	139		0	0	
Chloroform	28.53	0.50	25	0	114	74.1	122		0	0	
Chloromethane	34.46	0.50	25	0	138	46.7	123		0	0	BS
cis-1,2-Dichloroethene	32.04	0.50	25	0	128	71.5	128		0	0	S
cis-1,3-Dichloropropene	30.21	0.50	25	0	121	67	128		0	0	
Cyclohexane	31.92	0.50	25	0	128	72.6	130		0	0	
Dibromochloromethane	31.17	0.50	25	0	125	70.6	124		0	0	S
Dichlorodifluoromethane	21.93	0.50	25	0	87.7	52	116		0	0	
Ethylbenzene	30.08	0.50	25	0	120	74.2	127		0	0	
Isopropylbenzene	29.04	0.50	25	0	116	72.4	128		0	0	
m,p-Xylene	61.1	0.50	50	0	122	69.7	129		0	0	
Methyl Acetate	28.13	0.50	25	0	113	66.5	131		0	0	
Methyl Cyclohexane	29.31	0.50	25	0	117	70	127		0	0	
Methyl tert-butyl ether	57.32	0.50	50	0	115	70.2	125		0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: R237102

Ics	SeqNo: 3865099	TestNo: SW8260C	RunNo: 237102
	Samp ID: Ics	Units: µg/L	Analysis Date: 9/4/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Methylene chloride	25.77	0.50	25	0	103	62.1	127		0	0	
o-Xylene	29.04	0.50	25	0	116	72.7	131		0	0	
Styrene	30.64	0.50	25	0	123	70	126		0	0	
Tetrachloroethene	30.12	0.50	25	0	120	71.8	129		0	0	
Toluene	29.04	0.50	25	0	116	74	127		0	0	
trans-1,2-Dichloroethene	31.32	0.50	25	0	125	72.1	127		0	0	
trans-1,3-Dichloropropene	27.65	0.50	25	0	111	70.9	126		0	0	
Trichloroethene	28.34	0.50	25	0	113	71.3	124		0	0	
Trichlorofluoromethane	37.09	0.50	25	0	148	63	140		0	0	S
Surr: 1,2-Dichloroethane-d4	52.17	0.50	50	0	104	80.3	122		0	0	
Surr: 4-Bromofluorobenzene	48.4	0.50	50	0	96.8	74.1	124		0	0	
Surr: Toluene-d8	48.24	0.50	50	0	96.5	79.6	115		0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

QC Batch Summary Report

Batch: R237102

Analyst: DZ

SampID	SampType	DF	TestName:	Analysis Date/Time:
BFB	tune	1	EPA-8260	8/28/2024 9:16:00 AM
vstd001	ical	1	EPA-8260	8/28/2024 6:09:00 PM
vstd002.5	ical	1	EPA-8260	8/28/2024 6:34:00 PM
vstd005	ical	1	EPA-8260	8/28/2024 6:55:00 PM
vstd010	ical	1	EPA-8260	8/28/2024 7:17:00 PM
vstd050	ical	1	EPA-8260	8/28/2024 8:03:00 PM
vstd100	ical	1	EPA-8260	8/28/2024 8:27:00 PM
vstd200	ical	1	EPA-8260	8/28/2024 8:48:00 PM
BFB	tune	1	EPA-8260	9/4/2024 11:06:00 AM
lcs	lcs	1	EPA-8260	9/4/2024 12:11:00 PM
lcs	CCV	1	EPA-8260	9/4/2024 12:11:00 PM
vblk	mbk	1	EPA-8260	9/4/2024 1:20:00 PM
240823014-005A	samp	1	EPA-8260	9/4/2024 4:40:00 PM
240823014-001B	samp	1	EPA-8260	9/4/2024 5:02:00 PM
240823014-003B	samp	1	EPA-8260	9/4/2024 5:23:00 PM
240823014-004B	samp	1	EPA-8260	9/4/2024 5:45:00 PM
240823014-002B	samp	1	EPA-8260	9/4/2024 6:07:00 PM

Client: Central Hudson Gas & Electric
WorkOrder 240823014
Project: Catskill
Test: VCLP-LOW

**Internal Standard
Summary Report**

Batch: R237102

SampID	Analysis Time	1,4-Dichlorobenzene-d4	1,4-Difluorobenzene	Chlorobenzene-d5	Fluorobenzene
lcs	9/4/2024 12:11:00 PM	327717 RT: 11.52	0 RT: 0	511723 RT: 9.28	692399 RT: 5.4
lcs	9/4/2024 12:11:00 PM	327717 RT: 11.52	0 RT: 0	511723 RT: 9.28	692399 RT: 5.4
vblk	9/4/2024 1:20:00 PM	308119 RT: 11.52		522082 RT: 9.28	705549 RT: 5.4
240823014-005A	9/4/2024 4:40:00 PM	316308 RT: 11.52		490694 RT: 9.28	677500 RT: 5.4
240823014-001B	9/4/2024 5:02:00 PM	297878 RT: 11.52		495896 RT: 9.28	671538 RT: 5.4
240823014-003B	9/4/2024 5:23:00 PM	299238 RT: 11.52		500898 RT: 9.28	653444 RT: 5.4
240823014-004B	9/4/2024 5:45:00 PM	293461 RT: 11.52		488678 RT: 9.28	670879 RT: 5.4
240823014-002B	9/4/2024 6:07:00 PM	292830 RT: 11.52		471155 RT: 9.28	661503 RT: 5.4

Test Code:	VCLP-LOW	METHOD DETECTION / REPORTING LIMITS	
Test Number:	SW8260C		
Test Name:	EPA-8260		
Matrix:	Water	Units: µg/L	Updated: 11-Nov-22

Type	Analyte	MDL	PQL
A	1,1,1,2-Tetrachloroethane	0.42	0.5
A	1,1,1-Trichloroethane	0.2	0.5
A	1,1,2,2-Tetrachloroethane	0.35	0.5
A	1,1,2-Trichloro-1,2,2-trifluoroethane	0.38	0.5
A	1,1,2-Trichloroethane	0.5	0.5
A	1,1-Dichloroethane	0.26	0.5
A	1,1-Dichloroethene	0.22	0.5
A	1,1-Dichloropropene	0.42	0.5
A	1,2,3-Trichlorobenzene	0.45	0.5
A	1,2,3-Trichloropropane	0.44	0.5
A	1,2,4-Trichlorobenzene	0.3	0.5
A	1,2,4-Trimethylbenzene	0.3	0.5
A	1,2-Dibromo-3-chloropropane	0.88	1
A	1,2-Dibromoethane	0.44	0.5
A	1,2-Dichlorobenzene	0.24	0.5
A	1,2-Dichloroethane	0.28	0.5
A	1,2-Dichloropropane	0.35	0.5
A	1,3,5-Trimethylbenzene	0.39	0.5
A	1,3-Dichlorobenzene	0.29	0.5
A	1,3-Dichloropropane	0.46	0.5
A	1,4-Dichlorobenzene	0.28	0.5
A	1,4-Dioxane	11.1	50
A	1-Bromopropane		
A	1-Propanol		
A	2,2-Dichloropropane	0.24	0.5
A	2-Butanone	4.62	5
A	2-Chloroethanol		0.5
A	2-Chloroethyl vinyl ether		0.5
A	2-Chlorotoluene	0.42	0.5
A	2-Hexanone	4.85	5
A	2-Hydroxypropionitrile		0.5
A	2-Methyl-1,3-dioxolane		0.5
A	2-Nitropropane		0.5
A	2-Pentanone		0.5
A	2-Picoline		0.5
A	2-Propanol		0.5
A	3-Chloropropionitrile		0.5
A	3-Methyl Thiophene		0.5
A	4-Chlorotoluene	0.45	0.5
A	4-Isopropyltoluene	0.32	0.5
A	4-Methyl-2-pentanone	3.78	5
A	Acetone	4.9	5

Test Code:	VCLP-LOW	METHOD DETECTION / REPORTING LIMITS	
Test Number:	SW8260C		
Test Name:	EPA-8260		
Matrix:	Water	Units: µg/L	Updated: 11-Nov-22

Type	Analyte	MDL	PQL
A	Acetonitrile	6.47	25
A	Acrolein	24.2	25
A	Acrylonitrile	8.06	10
A	Allyl alcohol		0.5
A	Allyl chloride		5
A	Benzene	0.21	0.5
A	Benzyl chloride		0.5
A	beta-Propiolactone		0.5
A	bis-(2-Chloroethyl) Sulfide		0.5
A	Bromoacetone		0.5
A	Bromobenzene	0.3	0.5
A	Bromochloromethane	0.5	0.5
A	Bromodichloromethane	0.3	0.5
A	Bromoform	0.42	0.5
A	Bromomethane	0.47	0.5
A	Carbon disulfide	0.16	0.5
A	Carbon tetrachloride	0.18	0.5
A	Chlorobenzene	0.3	0.5
A	Chloroethane	0.3	0.5
A	Chloroform	0.39	0.5
A	Chloromethane	0.41	0.5
A	Chloroprene		1
A	cis-1,2-Dichloroethene	0.38	0.5
A	cis-1,3-Dichloropropene	0.49	0.5
A	cis-1,4-Dichloro-2-butene		0.5
A	Cyclohexane	0.29	0.5
A	Cyclohexanone		0.5
A	Dibromochloromethane	0.47	0.5
A	Dibromomethane	0.5	0.5
A	Dichlorodifluoromethane	0.39	0.5
A	Diethyl Ether		0.5
A	Diisobutylene		0.5
A	Ethanol	10.97	25
A	Ethyl acetate		0.5
A	Ethyl Ether		0.5
A	Ethyl methacrylate		0.5
A	Ethylbenzene	0.38	0.5
A	Fluorobenzene		0.5
A	Heptane		0.5
A	Hexachlorobutadiene	0.48	0.5
A	Hexachloroethane		0.5
A	Hexane		0.5

Test Code:	VCLP-LOW	METHOD DETECTION / REPORTING LIMITS	
Test Number:	SW8260C		
Test Name:	EPA-8260		
Matrix:	Water	Units: µg/L	Updated: 11-Nov-22

Type	Analyte	MDL	PQL
A	Iodomethane		0.5
A	Isobutyl Alcohol	15.56	25
A	Isopropyl Alcohol		0.5
A	Isopropyl ether		0.5
A	Isopropylbenzene	0.32	0.5
A	m,p-Xylene	0.48	0.5
A	Malononitrile		0.5
A	Methacrylonitrile		10
A	Methanol		0.5
A	Methyl Acetate	0.47	0.5
A	Methyl Cyclohexane	0.25	0.5
A	Methyl Formate		0.5
A	Methyl methacrylate	0.38	0.5
A	Methyl tert-butyl ether	0.4	0.5
A	Methylene chloride	0.33	0.5
A	Naphthalene	0.61	1
A	n-Butanol		0.5
A	n-Butylbenzene	0.38	0.5
A	Nitrobenzene		0.5
A	N-Nitroso-di-n-butylamine		0.5
A	n-Propylamine		0.5
A	n-Propylbenzene	0.48	0.5
A	o-Toluidine		0.5
A	o-Xylene	0.46	0.5
A	Paraldehyde		0.5
A	Pentachloroethane		0.5
A	Propionitrile		25
A	Pyridine		0.5
A	sec-Butylbenzene	0.3	0.5
A	Styrene	0.47	0.5
A	t-Amyl Methyl Ether		0.5
A	t-Butyl alcohol		0.5
A	tert-Butylbenzene	0.32	0.5
A	Tetrachloroethene	0.43	0.5
A	Tetrahydrofuran		0.5
A	Toluene	0.33	0.5
A	Total Volatiles		0.5
A	trans-1,2-Dichloroethene	0.32	0.5
A	trans-1,3-Dichloropropene	0.46	0.5
A	trans-1,4-Dichloro-2-butene		0.5
A	Trichloroethene	0.31	0.5
A	Trichlorofluoromethane	0.41	0.5

Test Code: VCLP-LOW

Test Number: SW8260C

Test Name: EPA-8260

Matrix: Water Units: µg/L

**METHOD DETECTION /
REPORTING LIMITS**

Updated: 11-Nov-22

Type	Analyte	MDL	PQL
A	Vinyl acetate		0.5
A	Vinyl chloride	0.29	0.5
A	Xylenes, Total		0.5
I	1,4-Dichlorobenzene-d4		0.5
I	1,4-Difluorobenzene		0.5
I	Chlorobenzene-d5		0.5
S	1,2-Dichloroethane-d4		0.5
S	4-Bromofluorobenzene		0.5
S	Toluene-d8		0.5

Method Path : C:\msdchem\1\QTmethods\
 Method File : 11clp-082824.M
 Title : Voa Calibration 524/8260 Water
 Last Update : Thu Aug 29 13:49:31 2024
 Response Via : Initial Calibration

Calibration Files

1 =d4201.D 2.5 =d4202.D 5 =d4203.D 10 =d4204.D 25 =d4205.D 50 =d4206.D 100 =d4207.D

Compound		1	2.5	5	10	25	50	100	200	Avg	%RSD

1) I	Fluorobenzene	-----ISTD-----									
2)	Dichlorodifluo...	0.211	0.191	0.186	0.206	0.216	0.207	0.212	0.196	0.203	5.28
3)	Chloromethane	0.408	0.335	0.242	0.273	0.260	0.258	0.270	0.264	0.289	19.21
4)	Vinyl Chloride	0.211	0.231	0.191	0.216	0.217	0.221	0.246	0.265	0.225	10.13
5)	Bromomethane	0.187	0.155	0.204	0.206	0.187	0.197	0.238	0.184	0.195	12.10
6)	Chloroethane	0.143	0.131	0.157	0.186	0.188	0.199	0.216	0.210	0.179	17.57
7)	Trichlorofluor...	0.209	0.215	0.278	0.324	0.334	0.342			0.284	21.05
8)	Freon113	0.144	0.116	0.127	0.116	0.114	0.108	0.121	0.137	0.123	10.12
9)	1,1-Dichloroet...	0.185	0.165	0.175	0.175	0.173	0.154	0.181	0.171	0.173	5.49
10)	Carbon Disulfide	0.567	0.389	0.530	0.561	0.545	0.548	0.599	0.609	0.543	12.52
11)	Acetone			0.216	0.171	0.147	0.131	0.143	0.129	0.156	21.15
12)	Methyl Acetate	0.194	0.193	0.239	0.250	0.216	0.240	0.277	0.269	0.235	13.50
13)	Methylene Chlo...	1.819	0.524	0.441	0.377	0.299	0.260	0.277	0.270	0.533	98.97
14)	trans-1,2-Dich...	0.213	0.193	0.202	0.238	0.223	0.239	0.261	0.261	0.229	11.18
15)	Mtbe	0.773	0.648	0.707	0.751	0.729	0.743	0.800	0.825	0.747	7.41
16)	1,1-Dichloroet...	0.423	0.458	0.425	0.456	0.427	0.428	0.465	0.472	0.444	4.61
17)	cis-1,2-Dichlo...	0.383	0.361	0.401	0.437	0.408	0.429	0.464	0.471	0.419	9.16
18)	2,2-Dichloropr...	0.513	0.493	0.539	0.540	0.510	0.508	0.551	0.545	0.525	4.05
19)	Bromochloromet...	0.109	0.118	0.136	0.147	0.138	0.150	0.159	0.164	0.140	13.59
20)	Chloroform	0.518	0.435	0.426	0.446	0.429	0.432	0.455	0.460	0.450	6.66
21)	Cyclohexane	0.346	0.303	0.290	0.317	0.315	0.304	0.348	0.319	0.318	6.40
22)	1,1-Dichloro-1...	0.204	0.280	0.257	0.273	0.277	0.287	0.321	0.317	0.277	13.21
23)	1,2-Dichloroet...	0.285	0.332	0.331	0.384	0.363	0.375	0.403	0.413	0.361	11.84
24)	2-Butanone			0.161	0.124	0.110	0.130	0.158	0.153	0.139	15.09
25) s	1,2-Dichloroet...	0.266	0.260	0.279	0.281	0.284	0.266	0.262	0.261	0.270	3.58
26) I	Chlorobenzene-d5	-----ISTD-----									
27)	1,1,1-Trichlor...	0.588	0.493	0.508	0.535	0.519	0.504	0.560	0.540	0.531	5.97
28)	Carbon Tetrach...	0.427	0.365	0.385	0.412	0.404	0.400	0.463	0.439	0.412	7.51
29)	Benzene	1.651	1.237	1.279	1.302	1.312	1.280	1.383	1.349	1.349	9.62
30)	Trichloroethene	0.502	0.383	0.403	0.417	0.419	0.398	0.452	0.421	0.424	8.79
31)	Methyl Cyclohe...	0.626	0.487	0.394	0.406	0.474	0.414	0.512	0.415	0.466	16.67
32)	1,2-Dichloropr...	0.487	0.352	0.329	0.348	0.339	0.348	0.377	0.372	0.369	13.59
33)	Dibromomethane	0.185	0.171	0.235	0.205	0.236	0.247	0.273	0.272	0.228	16.61
34)	Bromodichlorom...	0.359	0.360	0.399	0.402	0.409	0.426	0.476	0.480	0.414	11.06
35)	cis-1,3-Dichlo...	0.448	0.305	0.400	0.435	0.422	0.447	0.529	0.542	0.441	16.88
36)	trans-1,3-Dich...	0.412	0.367	0.403	0.299	0.365	0.391	0.465	0.504	0.401	15.70
37)	1,1,2-Trichlor...	0.424	0.319	0.320	0.361	0.353	0.357	0.389	0.389	0.364	9.88
38)	1,3-Dichloropr...	0.628	0.441	0.455	0.508	0.523	0.532	0.583	0.590	0.533	12.30
39)	1,2-Dibromoethane	0.237	0.252	0.252	0.338	0.323	0.344	0.386	0.390	0.315	19.39
40)	Dibromochlorom...	0.287	0.232	0.257	0.323	0.323	0.348	0.410		0.311	19.04
41)	Bromoform	0.256	0.187	0.202	0.214	0.222	0.228	0.274		0.226	13.38
42)	4-Methyl-2-Pen...			0.445	0.319	0.369	0.385	0.468	0.465	0.409	14.86
43) s	Toluene-d8	1.766	1.325	1.308	1.286	1.316	1.286	1.282	1.236	1.351	12.60
44)	Toluene	1.062	0.817	0.842	0.852	0.824	0.833	0.934	0.907	0.884	9.38
45)	Tetrachloroethene	0.340	0.282	0.294	0.293	0.287	0.281	0.324	0.303	0.301	7.08
46)	2-Hexanone			0.197	0.215	0.193	0.226	0.303	0.319	0.242	22.59
47) I	1,4-Dichlorobenzen...	-----ISTD-----									
48)	Chlorobenzene	1.384	1.688	1.577	1.748	1.607	1.570	1.689	1.728	1.624	7.27
49)	1,1,1,2-Tetrac...	0.361	0.573	0.529	0.572	0.537	0.542	0.566	0.593	0.534	13.71
50)	Ethylbenzene	0.573	0.766	0.850	0.889	0.850	0.843	0.916	0.900	0.824	13.48
51)	m,p-Xylene	1.295	1.780	1.846	2.022	1.990	1.980	2.150	2.172	1.904	14.71
52)	o-Xylene	0.932	1.051	0.984	1.118	1.062	1.046	1.145	1.160	1.062	7.37
53)	Styrene	1.426	1.423	1.398	1.701	1.719	1.730	1.914	2.027	1.667	14.12
54)	Isopropylbenzene	2.326	2.367	2.322	2.489	2.564	2.432	2.768	2.684	2.494	6.68

55)	Bromobenzene	0.896	1.184	0.842	0.924	0.916	0.893	1.012	1.051	0.965	11.54
56)	1,2,3-Trichlor...	0.567	0.508	0.577	0.574	0.685	0.615	0.641	0.682	0.606	10.11
57)	2-Chlorotoluene	1.836	1.967	1.803	1.899	1.993	1.996	2.268	2.304	2.008	9.23
58)	4-Chlorotoluene	1.836	1.999	1.757	2.053	1.993	1.996	2.268	2.304	2.026	9.28
59)	1,3,5-Trimethy...	1.894	2.149	2.045	2.242	2.256	2.133	2.418	2.381	2.190	7.90
60)	tert-Butylbenzene	1.727	1.785	1.691	1.801	1.887	1.751	2.082	1.949	1.834	7.13
61)	1,2,4-Trimethy...	1.906	2.019	1.932	2.164	2.204	2.129	2.385	2.401	2.143	8.75
62)	S Bromofluoroben...	0.872	0.840	0.862	0.859	0.833	0.844	0.797	0.822	0.841	2.90
63)	1,1,2,2-Tetrac...	0.710	0.733	0.705	0.769	0.748	0.781	0.848	0.897	0.774	8.74
64)	n-Propylbenzene	1.836	2.449	2.433	2.752	2.839	2.623	3.064	2.974	2.621	14.89
65)	1,3-Dichlorobe...	1.179	1.146	1.108	1.301	1.291	1.397	1.535	1.516	1.309	12.44
66)	sec-Butylbenzene	2.180	2.458	2.150	2.164	2.535	2.129	2.385	2.401	2.300	7.02
67)	4-Isopropyltol...	2.266	2.332	2.025	2.217	2.407	2.191	2.630	2.432	2.312	7.89
68)	1,4-Dichlorobe...	1.616	1.385	1.315	1.503	1.411	1.397	1.535	1.516	1.460	6.75
69)	1,2-Dichlorobe...	1.427	1.426	1.339	1.366	1.369	1.350	1.495	1.454	1.403	3.97
70)	n-Butylbenzene	1.175	1.540	1.363	1.575	1.780	1.610	1.946	1.768	1.595	15.38
71)	1,2-Dibromo-3-...	0.133	0.147	0.146	0.170	0.178	0.190	0.225	0.219	0.176	19.22
72)	1,2,4-Trichlor...	0.648	0.384	0.525	0.644	0.662	0.656	0.791	0.717	0.628	19.71
73)	Hexachlorobuta...	0.262	0.180	0.224	0.240	0.242	0.235	0.271	0.239	0.237	11.52
74)	Naphthalene	1.696	1.700	2.197	2.143	2.345	2.294	2.814	2.569	2.220	17.41
75)	1,2,3-Trichlor...	0.406	0.429	0.546	0.596	0.627	0.629	0.732	0.646	0.576	19.31
76)	S 1,2-Dichlorobe...	1.609	1.557	1.625	1.603	1.629	1.681	1.829	2.104	1.705	10.60

(#) = Out of Range

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: AES,INC.
 Lab Code: AES
 Instrument ID: MSVOA-D
 Lab File ID: d4320

Case No.: 240823014

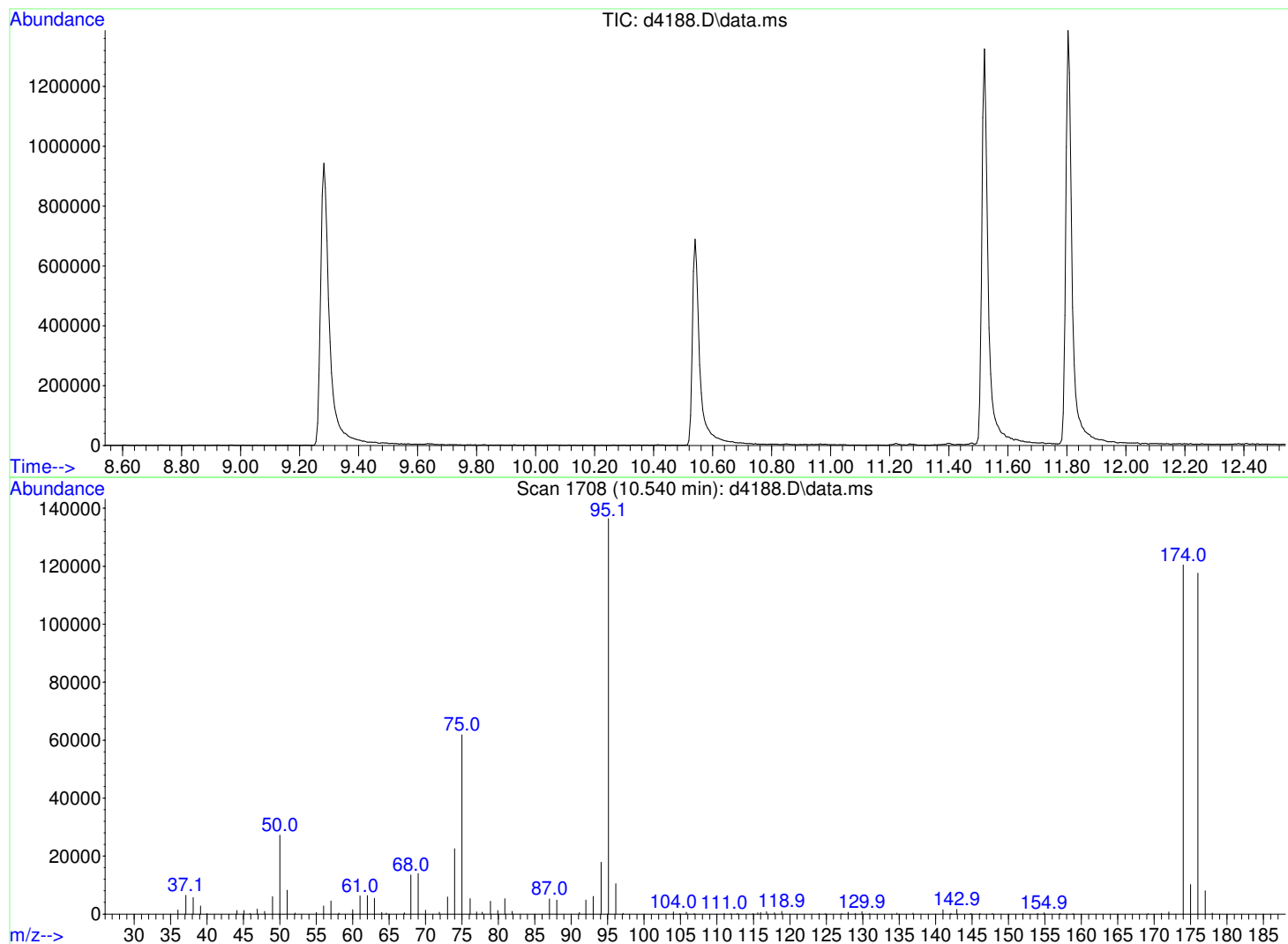
Contract:
 SAS No.: SDG No.: MW-2
 Calibration Date: 9/4/24 Time: 12:11
 Init. Calib. Date(s): 8/28/24

COMPOUND	RRF	RRF25	MIN RRF	%D
Dichlorodifluoromethane	0.203	0.178	0.010	12.2
Chloromethane	0.289	0.398	0.010	37.6
Bromomethane	0.195	0.103	0.100	47.4
Vinyl chloride	0.225	0.265	0.100	17.7
Chloroethane	0.179	0.197	0.010	10.1
Methylene chloride	0.533	0.308	0.010	42.2
Acetone	0.156	0.156	0.010	0.1
Carbon disulfide	0.543	0.688	0.010	26.8
1,1-Dichloroethene	0.173	0.217	0.100	25.2
1,1-Dichloroethane	0.444	0.521	0.200	17.3
trans-1,2-Dichloroethene	0.229	0.286	0.010	25.1
cis-1,2-Dichloroethene	0.419	0.537	0.010	28.2
Chloroform	0.450	0.514	0.200	14.2
1,2-Dichloroethane	0.361	0.439	0.100	21.5
2-Butanone	0.139	0.138	0.010	0.5
1,1,1-Trichloroethane	0.531	0.626	0.100	17.9
Carbon tetrachloride	0.412	0.347	0.100	15.8
Bromodichloromethane	0.414	0.487	0.200	17.6
1,2-Dichloropropane	0.369	0.416	0.010	12.7
cis-1,3-Dichloropropene	0.441	0.533	0.200	20.8
Trichloroethene	0.424	0.481	0.300	13.5
Dibromochloromethane	0.311	0.388	0.100	24.8
1,1,2-Trichloroethane	0.364	0.400	0.100	9.9
Benzene	1.349	1.530	0.400	13.4
trans-1,3-Dichloropropene	0.401	0.444	0.100	10.6
Bromoform	0.226	0.249	0.050	10.1
4-Methyl-2-pentanone	0.409	0.412	0.010	0.6
2-Hexanone	0.242	0.260	0.010	7.4
Tetrachloroethene	0.301	0.362	0.100	20.3
1,1,2,2-Tetrachloroethane	0.774	0.899	0.300	16.1
Toluene	0.884	1.027	0.400	16.1
Chlorobenzene	1.624	1.915	0.500	17.9
Ethylbenzene	0.824	0.991	0.100	20.2
Styrene	1.667	2.043	0.300	22.6
m,p-Xylene	1.904	2.327	0.300	22.2
o-Xylene	1.062	1.234	0.300	16.2
Methyl tert-butyl ether	0.747	0.856	0.010	14.7
Methyl Acetate	0.235	0.264	0.010	12.4
1,1,2-Trichloro-1,2,2-trifluoroethane	0.123	0.147	0.010	19.4
Trichlorofluoromethane	0.284	0.421	0.010	48.2
Cyclohexane	0.318	0.406	0.010	27.6
Methyl Cyclohexane	0.466	0.546	0.010	17.2
1,2-Dibromoethane	0.315	0.369	0.010	17.1
1,3-Dichlorobenzene	1.309	1.567	0.600	19.7
Isopropylbenzene	2.494	2.897	0.010	16.2
1,2-Dichlorobenzene	1.403	1.621	0.400	15.5
1,4-Dichlorobenzene	1.460	1.705	0.500	16.8
1,2-Dibromo-3-chloropropane	0.176	0.206	0.010	16.8
1,2,4-Trichlorobenzene	0.628	0.825	0.200	31.3
4-Bromofluorobenzene	0.841	0.814	0.010	3.2
1,2-Dichloroethane-d4	0.270	0.281	0.010	4.2
Toluene-d8	1.351	1.303	0.010	3.5

Data Path : C:\msdchem\1\data\082824\
Data File : d4188.D
Acq On : 28 Aug 2024 9:16 am
Operator :
Sample : BFB
Misc : TUNE
ALS Vial : 50 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\QTmethods\11clp-082824.M
Title : Voa Calibration 524/8260 Water
Last Update : Thu Aug 29 13:49:31 2024



Spectrum Information: Scan 1708

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	20.0	27240	PASS
75	95	30	60	45.3	61776	PASS
95	95	100	100	100.0	136384	PASS
96	95	5	9	7.7	10446	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.3	120416	PASS
175	174	5	9	8.5	10219	PASS
176	174	95	101	97.7	117648	PASS
177	176	5	9	6.8	8019	PASS

Data Path : C:\msdchem\1\data\082824\
 Data File : d4201.D
 Acq On : 28 Aug 2024 6:09 pm
 Operator :
 Sample : vstd001
 Misc : ical
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 09:13:04 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.407	96	870234	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	466286	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.526	152	352141	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.988	65	231087	49.23	ug	0.00
43) Toluene-d8	7.405	98	823607	65.39	ug	0.00
62) Bromofluorobenzene	10.546	95	307220	51.86	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	566559	47.19	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	3671	1.04	ug	96
3) Chloromethane	1.222	50	7101	1.41	ug	95
4) Vinyl Chloride	1.299	62	3664	0.94	ug	71
5) Bromomethane	1.513	94	3256	0.96	ug	87
6) Chloroethane	1.581	64	2490	0.80	ug	85
7) Trichlorofluoromethane	1.766	101	3634	0.74	ug	99
8) Freon113	2.184	101	2512	1.17	ug	# 79
9) 1,1-Dichloroethene	2.175	96	3221	1.07	ug	98
10) Carbon Disulfide	2.351	76	9871	1.04	ug	100
11) Acetone	2.230	43	27063	9.95	ug	85
12) Methyl Acetate	2.555	43	3378	0.83	ug	# 68
13) Methylene Chloride	2.608	84	31654	3.61	ug	# 42
14) trans-1,2-Dichloroethene	2.901	96	3713	0.93	ug	# 76
15) Mtbe	2.912	73	26922	2.07	ug	# 84
16) 1,1-Dichloroethane	3.352	63	7365	0.95	ug	98
17) cis-1,2-Dichloroethene	4.055	61	6667	0.91	ug	# 47
18) 2,2-Dichloropropane	4.018	77	8935	0.98	ug	86
19) Bromochloromethane	4.312	128	1890	0.77	ug	99
20) Chloroform	4.406	83	9014	1.15	ug	99
21) Cyclohexane	4.668	84	6024	1.09	ug	# 61
22) 1,1-Dichloro-1-propene	4.825	75	3544	0.74	ug	# 20
23) 1,2-Dichloroethane	5.103	62	4952	0.79	ug	68
27) 1,1,1-Trichloroethane	4.616	97	5481	1.11	ug	99
28) Carbon Tetrachloride	4.815	117	3984	1.04	ug	95
29) Benzene	5.061	78	14132	1.12	ug	100
30) Trichloroethene	5.874	130	4678	1.18	ug	98
31) Methyl Cyclohexane	6.099	83	5835	1.34	ug	# 76
32) 1,2-Dichloropropane	6.136	63	4751	1.38	ug	92
33) Dibromomethane	6.309	174	1729	0.81	ug	# 55
34) Bromodichloromethane	6.503	83	3345	0.87	ug	# 13
35) cis-1,3-Dichloropropene	7.106	75	1655	0.40	ug	88
37) 1,1,2-Trichloroethane	8.045	97	1834	0.54	ug	# 22
39) 1,2-Dibromoethane	8.705	107	1403	0.48	ug	83
40) Dibromochloromethane	8.532	129	1034	0.36	ug	95
41) Bromoform	10.226	173	2392	1.13	ug	81
42) 4-Methyl-2-Pentanone	7.347	43	2703	0.71	ug	77
44) Toluene	7.499	92	9902	1.20	ug	97
45) Tetrachloroethene	8.207	164	3175	1.13	ug	87
48) Chlorobenzene	9.329	112	9744	0.85	ug	93
49) 1,1,1,2-Tetrachloroethane	9.429	133	2541	0.68	ug	# 1
50) Ethylbenzene	9.502	106	4039	0.70	ug	98
51) m,p-Xylene	9.639	91	18236	1.36	ug	96
52) o-Xylene	10.047	106	6565	0.88	ug	92
54) Isopropylbenzene	10.415	105	15573	0.89	ug	# 87
55) Bromobenzene	10.677	77	6308	0.93	ug	90
56) 1,2,3-Trichloropropane	10.729	75	3995	0.94	ug	98

Data Path : C:\msdchem\1\data\082824\
 Data File : d4201.D
 Acq On : 28 Aug 2024 6:09 pm
 Operator :
 Sample : vstd001
 Misc : ical
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 09:13:04 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
57)	2-Chlorotoluene	10.855	91	12933	0.91	ug	97
58)	4-Chlorotoluene	10.855	91	12933	0.91	ug	97
59)	1,3,5-Trimethylbenzene	10.960	105	13336	0.86	ug #	85
60)	tert-Butylbenzene	11.217	119	12160	0.94	ug	93
61)	1,2,4-Trimethylbenzene	11.269	105	13421	0.89	ug	94
63)	1,1,2,2-Tetrachloroethane	10.698	83	4999	0.92	ug	93
64)	n-Propylbenzene	10.802	91	14610	0.79	ug #	83
65)	1,3-Dichlorobenzene	11.479	146	8305	0.90	ug	95
66)	sec-Butylbenzene	11.269	105	13421	0.83	ug #	85
67)	4-Isopropyltoluene	11.526	119	15956	0.98	ug	96
68)	1,4-Dichlorobenzene	11.547	146	11381	1.11	ug #	1
69)	1,2-Dichlorobenzene	11.820	146	10053	1.02	ug #	1
70)	n-Butylbenzene	11.846	91	8273	0.74	ug	99
71)	1,2-Dibromo-3-Chloropr	12.412	157	938	0.76	ug #	43
72)	1,2,4-Trichlorobenzene	12.999	180	4564	1.03	ug #	80
73)	Hexachlorobutadiene	13.088	225	1846	1.11	ug #	72
74)	Naphthalene	13.167	128	11945	0.76	ug #	90
75)	1,2,3-Trichlorobenzene	13.309	180	2857	0.70	ug	95

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

Data Path : C:\msdchem\1\data\082824\
 Data File : d4202.D
 Acq On : 28 Aug 2024 6:34 pm
 Operator :
 Sample : vstd002.5
 Misc : ical
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 09:13:19 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.407	96	956296	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	663540	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	392870	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.983	65	249079	48.29	ug	0.00
43) Toluene-d8	7.405	98	879402	49.06	ug	0.00
62) Bromofluorobenzene	10.540	95	329874	49.91	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	611764	45.67	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	9150	2.35	ug	98
3) Chloromethane	1.222	50	16011	2.90	ug	98
4) Vinyl Chloride	1.299	62	11061	2.57	ug	84
5) Bromomethane	1.513	94	7419	1.99	ug	96
6) Chloroethane	1.581	64	6283	1.84	ug	84
7) Trichlorofluoromethane	1.766	101	10297	1.90	ug	98
8) Freon113	2.175	101	5563	2.36	ug	92
9) 1,1-Dichloroethene	2.165	96	7886	2.39	ug	# 84
10) Carbon Disulfide	2.351	76	18578	1.79	ug	100
11) Acetone	2.230	43	15334	5.13	ug	86
12) Methyl Acetate	2.550	43	7160	1.59	ug	# 61
13) Methylene Chloride	2.602	84	25062	1.70	ug	# 64
14) trans-1,2-Dichloroethene	2.896	96	9214	2.11	ug	89
15) Mtbe	2.912	73	61964	4.34	ug	92
16) 1,1-Dichloroethane	3.347	63	21921	2.58	ug	94
17) cis-1,2-Dichloroethene	4.039	61	17243	2.15	ug	# 72
18) 2,2-Dichloropropane	4.013	77	23561	2.35	ug	# 77
19) Bromochloromethane	4.306	128	5655	2.11	ug	88
20) Chloroform	4.416	83	20782	2.41	ug	98
21) Cyclohexane	4.673	84	14473	2.38	ug	# 47
22) 1,1-Dichloro-1-propene	4.831	75	13412	2.53	ug	83
23) 1,2-Dichloroethane	5.098	62	15894	2.30	ug	97
24) 2-Butanone	4.306	43	2199	0.82	ug	79
27) 1,1,1-Trichloroethane	4.610	97	16344	2.32	ug	96
28) Carbon Tetrachloride	4.804	117	12099	2.21	ug	94
29) Benzene	5.067	78	41052	2.29	ug	100
30) Trichloroethene	5.874	130	12698	2.26	ug	95
31) Methyl Cyclohexane	6.094	83	16165	2.61	ug	# 83
32) 1,2-Dichloropropane	6.136	63	11677	2.39	ug	99
33) Dibromomethane	6.293	174	5663	1.87	ug	93
34) Bromodichloromethane	6.498	83	11941	2.17	ug	# 40
35) cis-1,3-Dichloropropene	7.106	75	10103	1.73	ug	75
36) trans-1,3-Dichloropropene	7.851	75	5810	1.09	ug	96
37) 1,1,2-Trichloroethane	8.039	97	9487	1.97	ug	# 61
38) 1,3-Dichloropropane	8.260	76	14632	2.07	ug	100
39) 1,2-Dibromoethane	8.690	107	8346	1.99	ug	# 66
40) Dibromochloromethane	8.532	129	7694	1.86	ug	97
41) Bromoform	10.226	173	6191	2.06	ug	95
42) 4-Methyl-2-Pentanone	7.321	43	3600	0.66	ug	# 4
44) Toluene	7.499	92	27099	2.31	ug	95
45) Tetrachloroethene	8.212	164	9348	2.34	ug	95
46) 2-Hexanone	8.648	43	797	0.25	ug	94
48) Chlorobenzene	9.324	112	33155	2.60	ug	94
49) 1,1,1,2-Tetrachloroethane	9.429	133	11252	2.68	ug	# 74
50) Ethylbenzene	9.492	106	15055	2.33	ug	95
51) m,p-Xylene	9.633	91	69947	4.67	ug	92

Data Path : C:\msdchem\1\data\082824\
 Data File : d4202.D
 Acq On : 28 Aug 2024 6:34 pm
 Operator :
 Sample : vstd002.5
 Misc : ical
 ALS Vial : 3 Sample Multiplier: 1

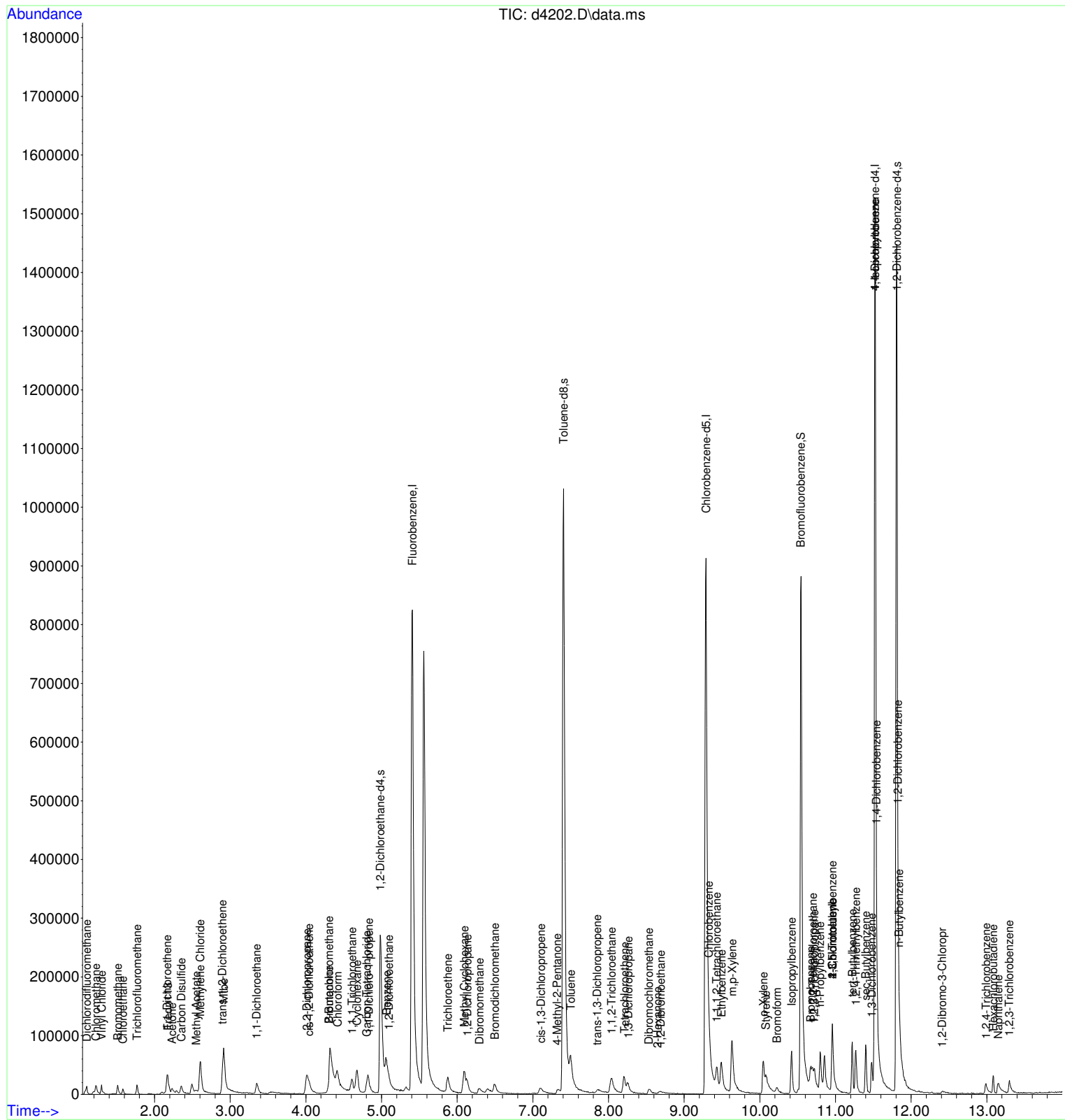
Quant Time: Sep 06 09:13:19 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.047	106	20654	2.47	ug	97
53) Styrene	10.079	104	27961	2.13	ug	# 44
54) Isopropylbenzene	10.420	105	46501	2.37	ug	94
55) Bromobenzene	10.671	77	23260	3.07	ug	83
56) 1,2,3-Trichloropropane	10.719	75	9981	2.10	ug	90
57) 2-Chlorotoluene	10.960	91	39273	2.49	ug	88
58) 4-Chlorotoluene	10.960	91	39273	2.47	ug	95
59) 1,3,5-Trimethylbenzene	10.960	105	42206	2.45	ug	91
60) tert-Butylbenzene	11.222	119	35058	2.43	ug	95
61) 1,2,4-Trimethylbenzene	11.269	105	39654	2.36	ug	100
63) 1,1,2,2-Tetrachloroethane	10.698	83	14401	2.37	ug	92
64) n-Propylbenzene	10.797	91	48103	2.34	ug	93
65) 1,3-Dichlorobenzene	11.479	146	22519	2.19	ug	93
66) sec-Butylbenzene	11.400	105	48279	2.67	ug	92
67) 4-Isopropyltoluene	11.521	119	45809	2.52	ug	97
68) 1,4-Dichlorobenzene	11.542	146	27209	2.37	ug	# 70
69) 1,2-Dichlorobenzene	11.825	146	28008	2.54	ug	# 1
70) n-Butylbenzene	11.841	91	30259	2.41	ug	96
71) 1,2-Dibromo-3-Chloropr	12.407	157	688	0.50	ug	# 67
72) 1,2,4-Trichlorobenzene	12.989	180	7545	1.53	ug	89
73) Hexachlorobutadiene	13.083	225	3540	1.90	ug	# 84
74) Naphthalene	13.151	128	27655	1.59	ug	100
75) 1,2,3-Trichlorobenzene	13.298	180	8427	1.86	ug	90

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

Data Path : C:\msdchem\1\data\082824\
Data File : d4202.D
Acq On : 28 Aug 2024 6:34 pm
Operator :
Sample : vstd002.5
Misc : ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 09:13:19 2024
Quant Method : C:\msdchem\1\QTmethods\1lclp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\082824\
 Data File : d4203.D
 Acq On : 28 Aug 2024 6:55 pm
 Operator :
 Sample : vstd005
 Misc : ical
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 09:13:29 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.407	96	635732	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	461322	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	278361	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.988	65	177195	51.68	ug	0.00
43) Toluene-d8	7.405	98	603329	48.41	ug	0.00
62) Bromofluorobenzene	10.540	95	239980	51.25	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	452463	47.68	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	11832	4.58	ug	95
3) Chloromethane	1.221	50	15403	4.20	ug	99
4) Vinyl Chloride	1.299	62	12151	4.25	ug	85
5) Bromomethane	1.513	94	12983	5.24	ug	91
6) Chloroethane	1.581	64	10007	4.40	ug	92
7) Trichlorofluoromethane	1.766	101	17705	4.91	ug	100
8) Freon113	2.174	101	8105	5.18	ug	96
9) 1,1-Dichloroethene	2.165	96	11111	5.07	ug	94
10) Carbon Disulfide	2.356	76	33682	4.88	ug	100
11) Acetone	2.230	43	13758	6.93	ug	93
12) Methyl Acetate	2.717	43	711	0.24	ug	97
13) Methylene Chloride	2.602	84	28040	5.07	ug	# 71
14) trans-1,2-Dichloroethene	2.896	96	12832	4.41	ug	# 72
15) Mtbe	2.911	73	89903	9.46	ug	96
16) 1,1-Dichloroethane	3.352	63	26991	4.78	ug	97
17) cis-1,2-Dichloroethene	4.039	61	25470	4.78	ug	# 77
18) 2,2-Dichloropropane	4.018	77	34242	5.13	ug	91
19) Bromochloromethane	4.296	128	8663	4.86	ug	78
20) Chloroform	4.416	83	27097	4.73	ug	99
21) Cyclohexane	4.678	84	18468	4.57	ug	# 78
22) 1,1-Dichloro-1-propene	4.825	75	16352	4.65	ug	# 82
23) 1,2-Dichloroethane	5.087	62	21032	4.59	ug	90
24) 2-Butanone	4.175	43	1737	0.98	ug	92
27) 1,1,1-Trichloroethane	4.610	97	23446	4.79	ug	100
28) Carbon Tetrachloride	4.809	117	17765	4.68	ug	95
29) Benzene	5.061	78	59012	4.74	ug	100
30) Trichloroethene	5.874	130	18572	4.74	ug	91
31) Methyl Cyclohexane	6.089	83	18185	4.23	ug	91
32) 1,2-Dichloropropane	6.125	63	15195	4.46	ug	95
33) Dibromomethane	6.288	174	10821	5.14	ug	98
34) Bromodichloromethane	6.492	83	18425	4.83	ug	# 46
35) cis-1,3-Dichloropropene	7.090	75	18430	4.53	ug	91
36) trans-1,3-Dichloropropene	7.845	75	12230	3.31	ug	85
37) 1,1,2-Trichloroethane	8.034	97	14742	4.39	ug	# 64
38) 1,3-Dichloropropane	8.249	76	20992	4.27	ug	92
39) 1,2-Dibromoethane	8.674	107	11648	4.00	ug	85
40) Dibromochloromethane	8.527	129	11879	4.13	ug	81
41) Bromoform	10.220	173	9327	4.47	ug	96
42) 4-Methyl-2-Pentanone	7.326	43	10956	2.91	ug	100
44) Toluene	7.494	92	38864	4.77	ug	90
45) Tetrachloroethene	8.202	164	13564	4.89	ug	92
46) 2-Hexanone	8.516	43	2025	0.91	ug	86
48) Chlorobenzene	9.324	112	43886	4.86	ug	99
49) 1,1,1,2-Tetrachloroethane	9.434	133	14727	4.95	ug	# 83
50) Ethylbenzene	9.491	106	23674	5.16	ug	# 78
51) m,p-Xylene	9.628	91	102756	9.69	ug	96

Data Path : C:\msdchem\1\data\082824\
 Data File : d4203.D
 Acq On : 28 Aug 2024 6:55 pm
 Operator :
 Sample : vstd005
 Misc : ical
 ALS Vial : 3 Sample Multiplier: 1

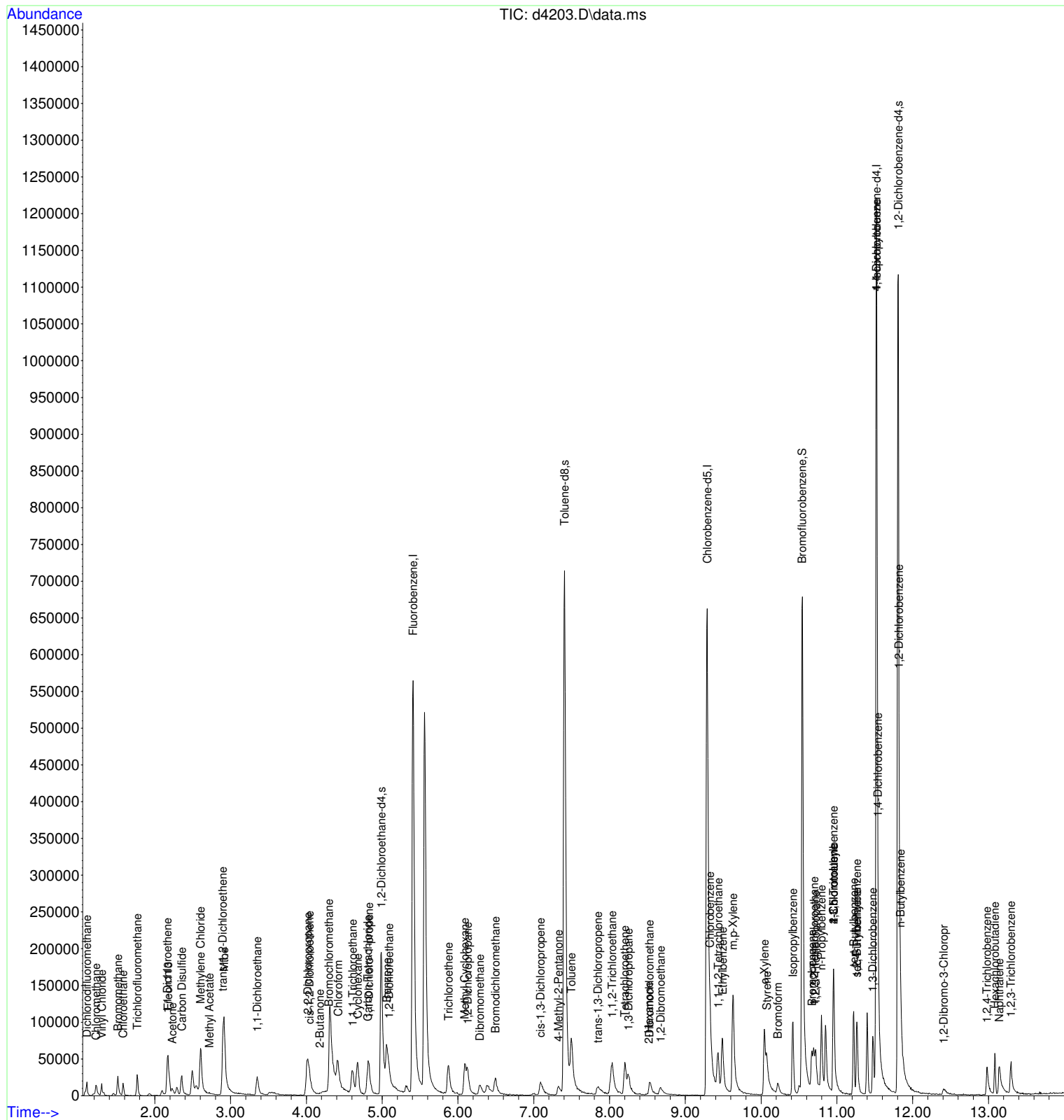
Quant Time: Sep 06 09:13:29 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.042	106	27400	4.63	ug	96
53) Styrene	10.073	104	38914	4.19	ug	# 62
54) Isopropylbenzene	10.419	105	64625	4.65	ug	92
55) Bromobenzene	10.671	77	23450	4.37	ug	92
56) 1,2,3-Trichloropropane	10.718	75	16061	4.76	ug	# 83
57) 2-Chlorotoluene	10.954	91	48921	4.38	ug	97
58) 4-Chlorotoluene	10.954	91	48921	4.34	ug	96
59) 1,3,5-Trimethylbenzene	10.954	105	56934	4.67	ug	96
60) tert-Butylbenzene	11.222	119	47063	4.61	ug	98
61) 1,2,4-Trimethylbenzene	11.264	105	53784	4.51	ug	98
63) 1,1,2,2-Tetrachloroethane	10.697	83	19618	4.55	ug	94
64) n-Propylbenzene	10.797	91	67730	4.64	ug	96
65) 1,3-Dichlorobenzene	11.473	146	30844	4.23	ug	98
66) sec-Butylbenzene	11.264	105	53784	4.20	ug	92
67) 4-Isopropyltoluene	11.521	119	56360	4.38	ug	94
68) 1,4-Dichlorobenzene	11.541	146	36597	4.50	ug	93
69) 1,2-Dichlorobenzene	11.819	146	37275	4.77	ug	# 33
70) n-Butylbenzene	11.840	91	37946	4.27	ug	98
71) 1,2-Dibromo-3-Chloropr	12.407	157	3344	3.41	ug	95
72) 1,2,4-Trichlorobenzene	12.978	180	14602	4.17	ug	99
73) Hexachlorobutadiene	13.083	225	6235	4.73	ug	# 91
74) Naphthalene	13.141	128	53092	4.30	ug	# 96
75) 1,2,3-Trichlorobenzene	13.298	180	15201	4.74	ug	94

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

Data Path : C:\msdchem\1\data\082824\
Data File : d4203.D
Acq On : 28 Aug 2024 6:55 pm
Operator :
Sample : vstd005
Misc : ical
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 09:13:29 2024
Quant Method : C:\msdchem\1\QTmethods\1lclp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\082824\
 Data File : d4204.D
 Acq On : 28 Aug 2024 7:17 pm
 Operator :
 Sample : vstd010
 Misc : ical
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 06 09:13:41 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.407	96	648960	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	484472	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	291521	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.983	65	182107	52.03	ug	0.00
43) Toluene-d8	7.405	98	623064	47.61	ug	0.00
62) Bromofluorobenzene	10.540	95	250395	51.06	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	467278	47.01	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	26772	10.15	ug	97
3) Chloromethane	1.222	50	35394	9.45	ug	96
4) Vinyl Chloride	1.299	62	28065	9.62	ug	90
5) Bromomethane	1.513	94	26791	10.60	ug	92
6) Chloroethane	1.581	64	24185	10.41	ug	91
7) Trichlorofluoromethane	1.766	101	42059	11.42	ug	96
8) Freon113	2.175	101	15006	9.39	ug	99
9) 1,1-Dichloroethene	2.165	96	22744	10.16	ug	96
10) Carbon Disulfide	2.351	76	72830	10.33	ug	100
11) Acetone	2.225	43	22189	10.94	ug	85
12) Methyl Acetate	2.550	43	32401	10.63	ug	# 84
13) Methylene Chloride	2.607	84	48905	10.96	ug	# 77
14) trans-1,2-Dichloroethene	2.896	96	30828	10.39	ug	88
15) Mtbe	2.912	73	194974	20.11	ug	96
16) 1,1-Dichloroethane	3.352	63	59193	10.27	ug	98
17) cis-1,2-Dichloroethene	4.028	61	56773	10.44	ug	# 70
18) 2,2-Dichloropropane	4.013	77	70127	10.30	ug	# 84
19) Bromochloromethane	4.296	128	19127	10.51	ug	77
20) Chloroform	4.411	83	57863	9.90	ug	97
21) Cyclohexane	4.678	84	41180	9.99	ug	# 76
22) 1,1-Dichloro-1-propene	4.820	75	35381	9.85	ug	# 80
23) 1,2-Dichloroethane	5.087	62	49791	10.63	ug	91
24) 2-Butanone	3.986	43	506	0.28	ug	78
27) 1,1,1-Trichloroethane	4.605	97	51866	10.08	ug	100
28) Carbon Tetrachloride	4.804	117	39905	10.00	ug	93
29) Benzene	5.061	78	126177	9.65	ug	100
30) Trichloroethene	5.869	130	40362	9.82	ug	94
31) Methyl Cyclohexane	6.099	83	39328	8.71	ug	# 87
32) 1,2-Dichloropropane	6.120	63	33673	9.42	ug	95
33) Dibromomethane	6.278	174	19911	9.01	ug	# 68
34) Bromodichloromethane	6.493	83	38990	9.72	ug	# 38
35) cis-1,3-Dichloropropene	7.080	75	42191	9.88	ug	95
36) trans-1,3-Dichloropropene	7.835	75	29004	7.47	ug	92
37) 1,1,2-Trichloroethane	8.029	97	34934	9.91	ug	# 70
38) 1,3-Dichloropropane	8.244	76	49220	9.54	ug	93
39) 1,2-Dibromoethane	8.663	107	32781	10.73	ug	94
40) Dibromochloromethane	8.527	129	31309	10.38	ug	96
41) Bromoform	10.220	173	20746	9.46	ug	99
42) 4-Methyl-2-Pentanone	7.321	43	30868	7.80	ug	97
44) Toluene	7.494	92	82579	9.64	ug	97
45) Tetrachloroethene	8.202	164	28424	9.76	ug	95
46) 2-Hexanone	8.474	43	5089	2.17	ug	# 78
48) Chlorobenzene	9.319	112	101900	10.76	ug	97
49) 1,1,1,2-Tetrachloroethane	9.429	133	33379	10.72	ug	# 90
50) Ethylbenzene	9.481	106	51806	10.79	ug	91
51) m,p-Xylene	9.623	91	235760	21.23	ug	100

Data Path : C:\msdchem\1\data\082824\
 Data File : d4204.D
 Acq On : 28 Aug 2024 7:17 pm
 Operator :
 Sample : vstd010
 Misc : ical
 ALS Vial : 4 Sample Multiplier: 1

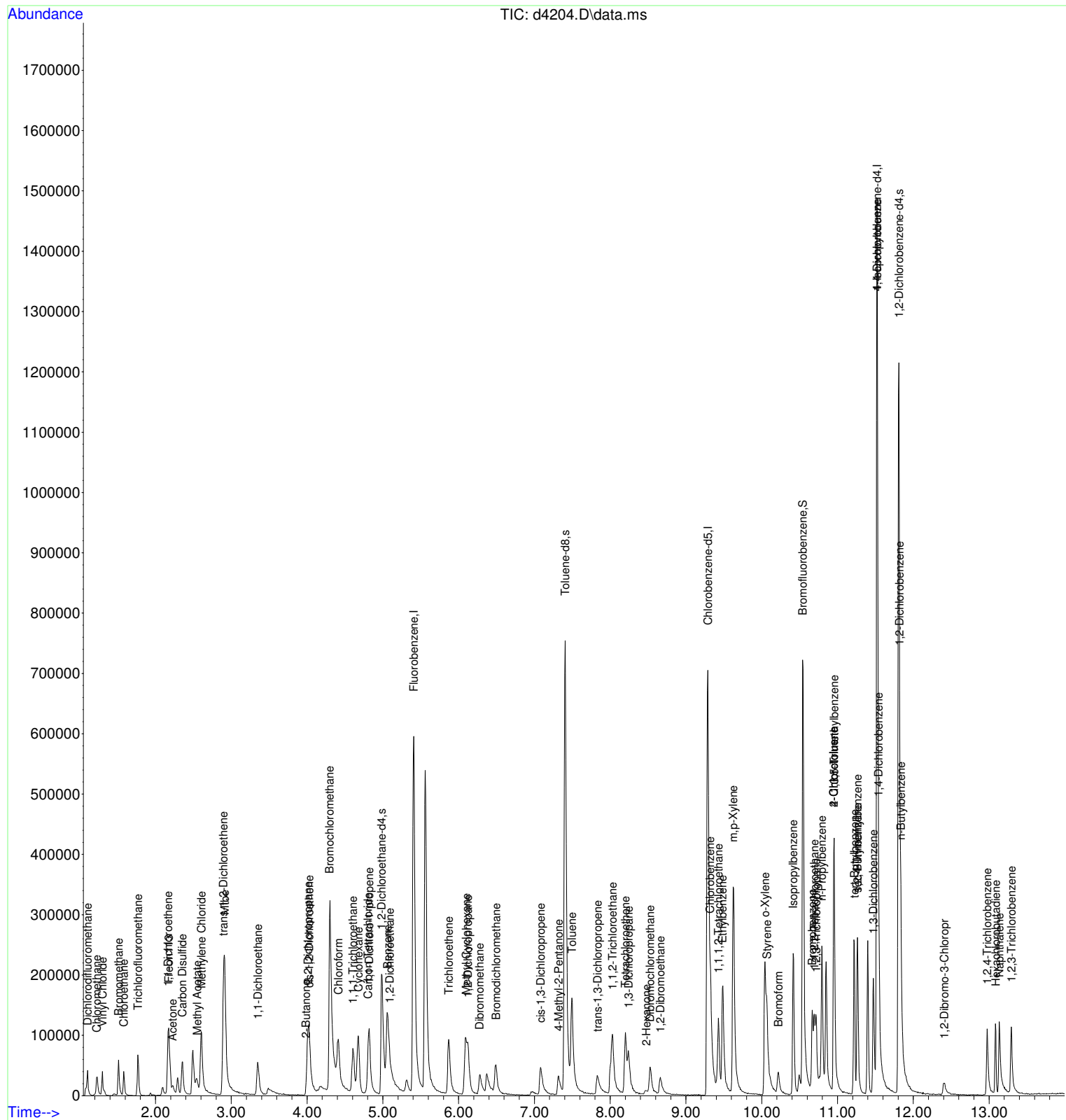
Quant Time: Sep 06 09:13:41 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.042	106	65190	10.52	ug	96
53) Styrene	10.068	104	99150	10.20	ug	# 72
54) Isopropylbenzene	10.414	105	145122	9.98	ug	91
55) Bromobenzene	10.666	77	53874	9.58	ug	87
56) 1,2,3-Trichloropropane	10.718	75	33476	9.47	ug	# 79
57) 2-Chlorotoluene	10.949	91	119678	10.22	ug	100
58) 4-Chlorotoluene	10.949	91	119678	10.13	ug	93
59) 1,3,5-Trimethylbenzene	10.954	105	130718	10.24	ug	95
60) tert-Butylbenzene	11.222	119	104988	9.82	ug	95
61) 1,2,4-Trimethylbenzene	11.264	105	126187	10.10	ug	98
63) 1,1,2,2-Tetrachloroethane	10.692	83	44809	9.93	ug	94
64) n-Propylbenzene	10.792	91	160455	10.50	ug	97
65) 1,3-Dichlorobenzene	11.473	146	75861	9.94	ug	92
66) sec-Butylbenzene	11.264	105	126187	9.41	ug	92
67) 4-Isopropyltoluene	11.521	119	129285	9.59	ug	97
68) 1,4-Dichlorobenzene	11.542	146	87637	10.30	ug	# 64
69) 1,2-Dichlorobenzene	11.819	146	79643	9.73	ug	# 68
70) n-Butylbenzene	11.835	91	91844	9.88	ug	97
71) 1,2-Dibromo-3-Chloropr	12.407	157	9925	9.67	ug	89
72) 1,2,4-Trichlorobenzene	12.973	180	37566	10.25	ug	98
73) Hexachlorobutadiene	13.088	225	13964	10.12	ug	89
74) Naphthalene	13.136	128	124957	9.66	ug	98
75) 1,2,3-Trichlorobenzene	13.293	180	34770	10.35	ug	96

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

Data Path : C:\msdchem\1\data\082824\
Data File : d4204.D
Acq On : 28 Aug 2024 7:17 pm
Operator :
Sample : vstd010
Misc : ical
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 06 09:13:41 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\082824\
 Data File : d4205.D
 Acq On : 28 Aug 2024 7:41 pm
 Operator :
 Sample : vstd025
 Misc : ical
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 09:13:49 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.407	96	681737	50.00	ug	0.00
26) Chlorobenzene-d5	9.282	117	494348	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	313643	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.983	65	193414	52.60	ug	0.00
43) Toluene-d8	7.405	98	650649	48.72	ug	0.00
62) Bromofluorobenzene	10.540	95	261131	49.49	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.804	150	510941	47.78	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	73763	26.62	ug	100
3) Chloromethane	1.222	50	88735	22.55	ug	94
4) Vinyl Chloride	1.299	62	74102	24.17	ug	99
5) Bromomethane	1.513	94	63709	23.99	ug	97
6) Chloroethane	1.581	64	63975	26.22	ug	90
7) Trichlorofluoromethane	1.766	101	113919	29.45	ug	95
8) Freon113	2.175	101	38873	23.16	ug	99
9) 1,1-Dichloroethene	2.165	96	58960	25.07	ug	97
10) Carbon Disulfide	2.351	76	185608	25.05	ug	100
11) Acetone	2.230	43	49978	23.46	ug	92
12) Methyl Acetate	2.539	43	73738	23.03	ug	90
13) Methylene Chloride	2.602	84	101848	24.90	ug	# 71
14) trans-1,2-Dichloroethene	2.891	96	75876	24.34	ug	# 84
15) Mtbe	2.906	73	496653	48.76	ug	97
16) 1,1-Dichloroethane	3.347	63	145561	24.03	ug	99
17) cis-1,2-Dichloroethene	4.023	61	138964	24.32	ug	# 78
18) 2,2-Dichloropropane	4.008	77	173795	24.29	ug	86
19) Bromochloromethane	4.296	128	47190	24.69	ug	85
20) Chloroform	4.406	83	146399	23.85	ug	97
21) Cyclohexane	4.673	84	107245	24.76	ug	# 78
22) 1,1-Dichloro-1-propene	4.815	75	94476	25.03	ug	83
23) 1,2-Dichloroethane	5.082	62	123904	25.19	ug	99
24) 2-Butanone	4.128	43	37476	19.72	ug	85
27) 1,1,1-Trichloroethane	4.605	97	128187	24.42	ug	98
28) Carbon Tetrachloride	4.804	117	99817	24.52	ug	96
29) Benzene	5.056	78	324249	24.31	ug	100
30) Trichloroethene	5.864	130	103596	24.70	ug	97
31) Methyl Cyclohexane	6.094	83	117090	25.41	ug	90
32) 1,2-Dichloropropane	6.120	63	83712	22.95	ug	93
33) Dibromomethane	6.273	174	58307	25.86	ug	87
34) Bromodichloromethane	6.482	83	101046	24.70	ug	# 38
35) cis-1,3-Dichloropropene	7.075	75	104222	23.91	ug	95
36) trans-1,3-Dichloropropene	7.819	75	90241	22.76	ug	95
37) 1,1,2-Trichloroethane	8.024	97	87161	24.24	ug	# 70
38) 1,3-Dichloropropane	8.233	76	129317	24.56	ug	99
39) 1,2-Dibromoethane	8.653	107	79829	25.60	ug	96
40) Dibromochloromethane	8.522	129	79879	25.94	ug	95
41) Bromoform	10.210	173	54935	24.56	ug	99
42) 4-Methyl-2-Pentanone	7.311	43	91162	22.57	ug	98
44) Toluene	7.489	92	203691	23.31	ug	95
45) Tetrachloroethene	8.197	164	70897	23.86	ug	99
46) 2-Hexanone	8.438	43	46153	19.28	ug	# 68
48) Chlorobenzene	9.324	112	251952	24.74	ug	97
49) 1,1,1,2-Tetrachloroethane	9.429	133	84230	25.14	ug	# 91
50) Ethylbenzene	9.481	106	133272	25.80	ug	# 90
51) m,p-Xylene	9.623	91	624069	52.24	ug	95

Data Path : C:\msdchem\1\data\082824\
 Data File : d4205.D
 Acq On : 28 Aug 2024 7:41 pm
 Operator :
 Sample : vstd025
 Misc : ical
 ALS Vial : 5 Sample Multiplier: 1

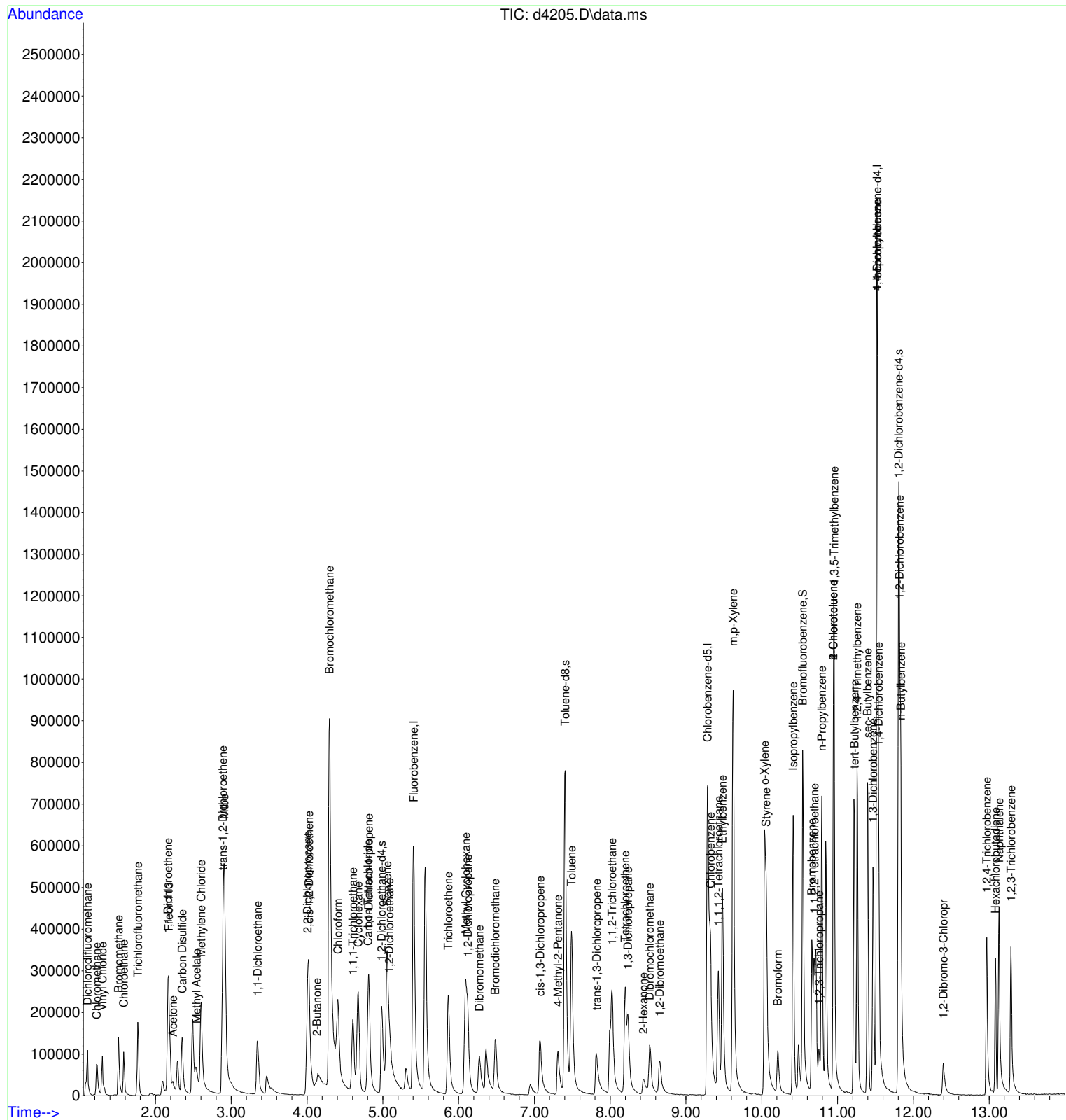
Quant Time: Sep 06 09:13:49 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.037	106	166588	25.00	ug	98
53) Styrene	10.058	104	269634	25.78	ug	# 74
54) Isopropylbenzene	10.415	105	402101	25.70	ug	94
55) Bromobenzene	10.661	77	143575	23.72	ug	94
56) 1,2,3-Trichloropropane	10.755	75	27791	7.31	ug	# 34
57) 2-Chlorotoluene	10.944	91	312613	24.81	ug	99
58) 4-Chlorotoluene	10.944	91	312613	24.60	ug	94
59) 1,3,5-Trimethylbenzene	10.955	105	353806	25.76	ug	94
60) tert-Butylbenzene	11.222	119	295961	25.73	ug	95
61) 1,2,4-Trimethylbenzene	11.259	105	345646	25.72	ug	99
63) 1,1,2,2-Tetrachloroethane	10.692	83	117234	24.15	ug	95
64) n-Propylbenzene	10.792	91	445291	27.08	ug	97
65) 1,3-Dichlorobenzene	11.468	146	202441	24.65	ug	93
66) sec-Butylbenzene	11.395	105	397570	27.55	ug	92
67) 4-Isopropyltoluene	11.521	119	377393	26.02	ug	98
68) 1,4-Dichlorobenzene	11.542	146	221322	24.17	ug	# 51
69) 1,2-Dichlorobenzene	11.820	146	214631	24.38	ug	# 90
70) n-Butylbenzene	11.835	91	279107	27.90	ug	98
71) 1,2-Dibromo-3-Chloropr	12.396	157	27838	25.21	ug	87
72) 1,2,4-Trichlorobenzene	12.968	180	103782	26.33	ug	96
73) Hexachlorobutadiene	13.083	225	38006	25.60	ug	94
74) Naphthalene	13.130	128	367672	26.41	ug	99
75) 1,2,3-Trichlorobenzene	13.288	180	98356	27.20	ug	95

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

Data Path : C:\msdchem\1\data\082824\
Data File : d4205.D
Acq On : 28 Aug 2024 7:41 pm
Operator :
Sample : vstd025
Misc : ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 09:13:49 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\082824\
 Data File : d4206.D
 Acq On : 28 Aug 2024 8:03 pm
 Operator :
 Sample : vstd050
 Misc : ical
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 09:13:56 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.407	96	669324	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	503129	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	321363	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.983	65	177801	49.25	ug	0.00
43) Toluene-d8	7.405	98	646932	47.60	ug	0.00
62) Bromofluorobenzene	10.540	95	271302	50.19	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	540296	49.31	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	138585	50.93	ug	99
3) Chloromethane	1.222	50	172360	44.61	ug	94
4) Vinyl Chloride	1.299	62	147709	49.07	ug	100
5) Bromomethane	1.513	94	131884	50.58	ug	96
6) Chloroethane	1.581	64	133205	55.61	ug	92
7) Trichlorofluoromethane	1.766	101	228581	60.18	ug	99
8) Freon113	2.175	101	72381	43.93	ug	100
9) 1,1-Dichloroethene	2.165	96	103406	44.78	ug	# 89
10) Carbon Disulfide	2.351	76	367098	50.47	ug	100
11) Acetone	2.225	43	87954	42.05	ug	87
12) Methyl Acetate	2.529	43	160910	51.19	ug	# 87
13) Methylene Chloride	2.602	84	173746	45.66	ug	# 72
14) trans-1,2-Dichloroethene	2.885	96	159994	52.27	ug	89
15) Mtbe	2.912	73	994871	99.48	ug	97
16) 1,1-Dichloroethane	3.341	63	286432	48.16	ug	98
17) cis-1,2-Dichloroethene	4.023	61	286904	51.14	ug	# 77
18) 2,2-Dichloropropane	4.013	77	339847	48.38	ug	87
19) Bromochloromethane	4.290	128	100380	53.50	ug	81
20) Chloroform	4.406	83	289403	48.02	ug	98
21) Cyclohexane	4.673	84	203282	47.80	ug	# 79
22) 1,1-Dichloro-1-propene	4.815	75	191844	51.76	ug	86
23) 1,2-Dichloroethane	5.077	62	250886	51.96	ug	100
24) 2-Butanone	4.107	43	87311	46.79	ug	82
27) 1,1,1-Trichloroethane	4.605	97	253745	47.50	ug	99
28) Carbon Tetrachloride	4.804	117	201373	48.60	ug	94
29) Benzene	5.051	78	644088	47.44	ug	100
30) Trichloroethene	5.863	130	200364	46.93	ug	96
31) Methyl Cyclohexane	6.089	83	208214	44.40	ug	92
32) 1,2-Dichloropropane	6.115	63	175148	47.18	ug	97
33) Dibromomethane	6.267	174	124247	54.15	ug	87
34) Bromodichloromethane	6.482	83	214273	51.45	ug	# 40
35) cis-1,3-Dichloropropene	7.069	75	224853	50.68	ug	95
36) trans-1,3-Dichloropropene	7.809	75	196830	48.79	ug	93
37) 1,1,2-Trichloroethane	8.024	97	179625	49.07	ug	# 62
38) 1,3-Dichloropropane	8.233	76	267796	49.97	ug	97
39) 1,2-Dibromoethane	8.647	107	173077	54.54	ug	95
40) Dibromochloromethane	8.522	129	174980	55.84	ug	96
41) Bromoform	10.210	173	114917	50.47	ug	98
42) 4-Methyl-2-Pentanone	7.305	43	193464	47.06	ug	99
44) Toluene	7.489	92	418977	47.11	ug	99
45) Tetrachloroethene	8.197	164	141392	46.76	ug	99
46) 2-Hexanone	8.422	43	113557	46.61	ug	# 68
48) Chlorobenzene	9.319	112	504545	48.35	ug	100
49) 1,1,1,2-Tetrachloroethane	9.429	133	174285	50.77	ug	95
50) Ethylbenzene	9.481	106	271022	51.20	ug	# 89
51) m,p-Xylene	9.623	91	1272865	103.99	ug	97

Data Path : C:\msdchem\1\data\082824\
 Data File : d4206.D
 Acq On : 28 Aug 2024 8:03 pm
 Operator :
 Sample : vstd050
 Misc : ical
 ALS Vial : 5 Sample Multiplier: 1

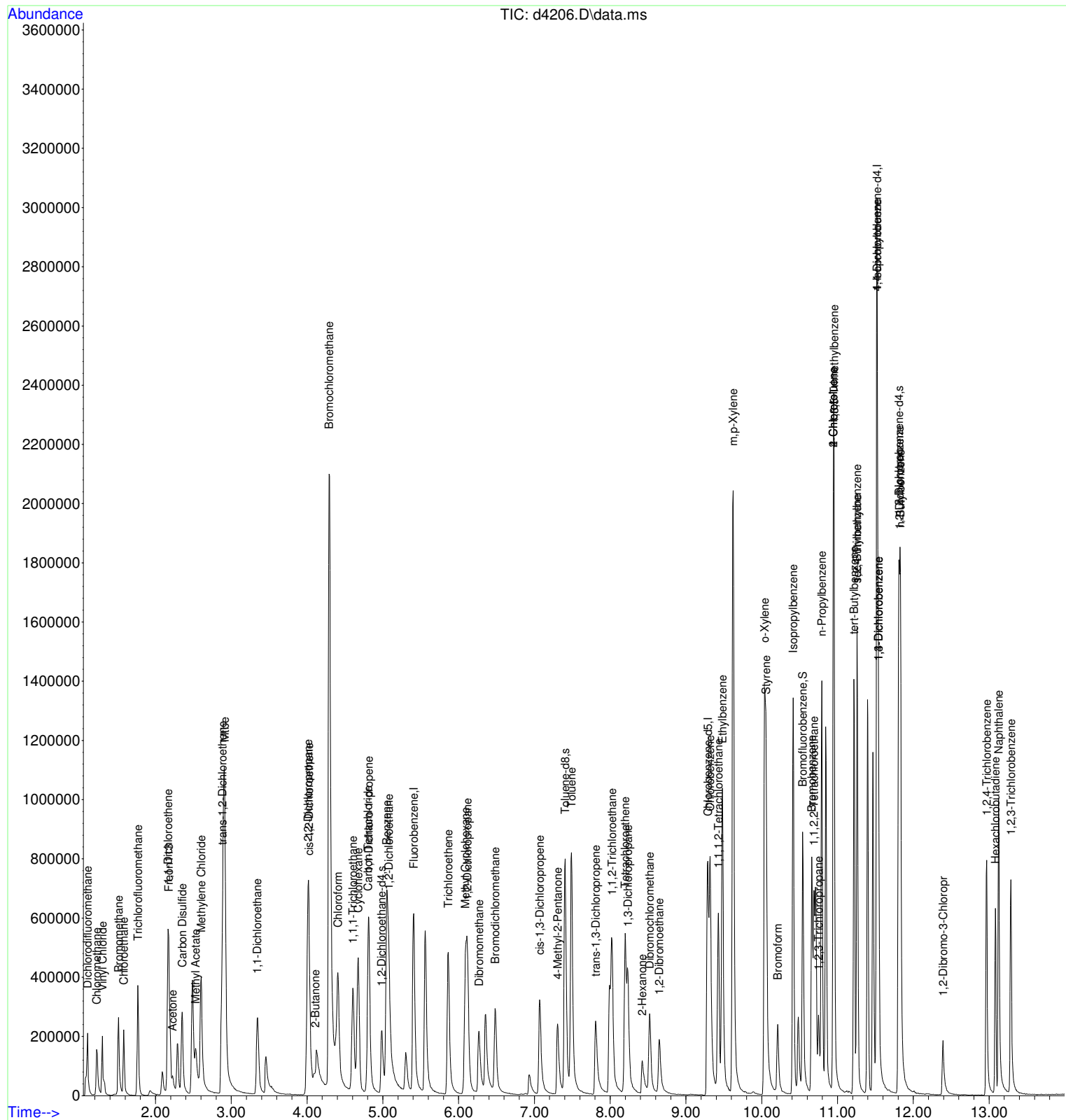
Quant Time: Sep 06 09:13:56 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.037	106	336096	49.22	ug	100
53) Styrene	10.058	104	555818	51.87	ug	# 74
54) Isopropylbenzene	10.414	105	781542	48.76	ug	92
55) Bromobenzene	10.661	77	287025	46.29	ug	88
56) 1,2,3-Trichloropropane	10.750	75	70035	17.98	ug	# 34
57) 2-Chlorotoluene	10.944	91	641324	49.68	ug	98
58) 4-Chlorotoluene	10.944	91	641324	49.25	ug	95
59) 1,3,5-Trimethylbenzene	10.954	105	685344	48.70	ug	93
60) tert-Butylbenzene	11.217	119	562594	47.73	ug	95
61) 1,2,4-Trimethylbenzene	11.258	105	684073	49.68	ug	99
63) 1,1,2,2-Tetrachloroethane	10.687	83	250987	50.47	ug	96
64) n-Propylbenzene	10.792	91	842971	50.03	ug	94
65) 1,3-Dichlorobenzene	11.542	146	448900	53.35	ug	94
66) sec-Butylbenzene	11.258	105	684073	46.27	ug	93
67) 4-Isopropyltoluene	11.521	119	704140	47.38	ug	97
68) 1,4-Dichlorobenzene	11.542	146	448900	47.85	ug	# 46
69) 1,2-Dichlorobenzene	11.819	146	433944	48.11	ug	99
70) n-Butylbenzene	11.830	91	517476	50.49	ug	99
71) 1,2-Dibromo-3-Chloropr	12.391	157	60926	53.86	ug	91
72) 1,2,4-Trichlorobenzene	12.968	180	210900	52.21	ug	97
73) Hexachlorobutadiene	13.083	225	75546	49.67	ug	# 90
74) Naphthalene	13.125	128	737287	51.68	ug	99
75) 1,2,3-Trichlorobenzene	13.288	180	202058	54.54	ug	93

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

Data Path : C:\msdchem\1\data\082824\
Data File : d4206.D
Acq On : 28 Aug 2024 8:03 pm
Operator :
Sample : vstd050
Misc : ical
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 09:13:56 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\082824\
 Data File : d4207.D
 Acq On : 28 Aug 2024 8:27 pm
 Operator :
 Sample : vstd100
 Misc : ical
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 09:14:07 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.402	96	700750	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	521520	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	348461	50.00	ug	# 0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	5.066	65	25101	6.64	ug	0.08
43) Toluene-d8	7.405	98	668841	47.47	ug	0.00
62) Bromofluorobenzene	10.540	95	277652	47.37	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.804	150	637401	53.65	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	296565	104.11	ug	99
3) Chloromethane	1.222	50	377930	93.42	ug	93
4) Vinyl Chloride	1.299	62	345146	109.52	ug	99
5) Bromomethane	1.504	94	333128	122.04	ug	96
6) Chloroethane	1.581	64	302971	120.82	ug	92
7) Trichlorofluoromethane	1.766	101	523439	131.63	ug	97
8) Freon113	2.175	101	169999	98.55	ug	97
9) 1,1-Dichloroethene	2.165	96	253837	104.99	ug	# 86
10) Carbon Disulfide	2.345	76	838897	110.15	ug	100
11) Acetone	2.225	43	200279	91.47	ug	89
12) Methyl Acetate	2.529	43	388792	118.15	ug	# 86
13) Methylene Chloride	2.597	84	388176	101.12	ug	# 76
14) trans-1,2-Dichloroethene	2.885	96	366093	114.24	ug	88
15) Mtbe	2.906	73	2243409	214.26	ug	97
16) 1,1-Dichloroethane	3.342	63	652112	104.73	ug	99
17) cis-1,2-Dichloroethene	4.018	61	649733	110.62	ug	# 77
18) 2,2-Dichloropropane	4.007	77	771893	104.96	ug	86
19) Bromochloromethane	4.291	128	222588	113.31	ug	84
20) Chloroform	4.406	83	638182	101.14	ug	99
21) Cyclohexane	4.673	84	487621	109.52	ug	# 80
22) 1,1-Dichloro-1-propene	4.810	75	449358	115.80	ug	84
23) 1,2-Dichloroethane	5.072	62	564684	111.70	ug	98
24) 2-Butanone	4.097	43	221122	113.18	ug	87
27) 1,1,1-Trichloroethane	4.605	97	584609	105.57	ug	99
28) Carbon Tetrachloride	4.804	117	482879	112.42	ug	95
29) Benzene	5.051	78	1442175	102.48	ug	100
30) Trichloroethene	5.858	130	471628	106.57	ug	97
31) Methyl Cyclohexane	6.089	83	534556	109.98	ug	92
32) 1,2-Dichloropropane	6.115	63	393317	102.22	ug	95
33) Dibromomethane	6.262	174	285195	119.92	ug	89
34) Bromodichloromethane	6.482	83	495972	114.90	ug	# 37
35) cis-1,3-Dichloropropene	7.064	75	551625	119.95	ug	97
36) trans-1,3-Dichloropropene	7.798	75	484695	115.90	ug	92
37) 1,1,2-Trichloroethane	8.018	97	405360	106.84	ug	# 61
38) 1,3-Dichloropropane	8.228	76	608061	109.47	ug	96
39) 1,2-Dibromoethane	8.642	107	403028	122.53	ug	97
40) Dibromochloromethane	8.522	129	427356	131.57	ug	95
41) Bromoform	10.210	173	285600	121.01	ug	100
42) 4-Methyl-2-Pentanone	7.300	43	488535	114.65	ug	99
44) Toluene	7.484	92	974538	105.70	ug	100
45) Tetrachloroethene	8.197	164	338058	107.85	ug	97
46) 2-Hexanone	8.412	43	315914	125.09	ug	# 68
48) Chlorobenzene	9.319	112	1176767	104.00	ug	99
49) 1,1,1,2-Tetrachloroethane	9.429	133	394380	105.94	ug	95
50) Ethylbenzene	9.481	106	638171	111.20	ug	# 89
51) m,p-Xylene	9.623	91	2996963	225.81	ug	98

Data Path : C:\msdchem\1\data\082824\
 Data File : d4207.D
 Acq On : 28 Aug 2024 8:27 pm
 Operator :
 Sample : vstd100
 Misc : ical
 ALS Vial : 6 Sample Multiplier: 1

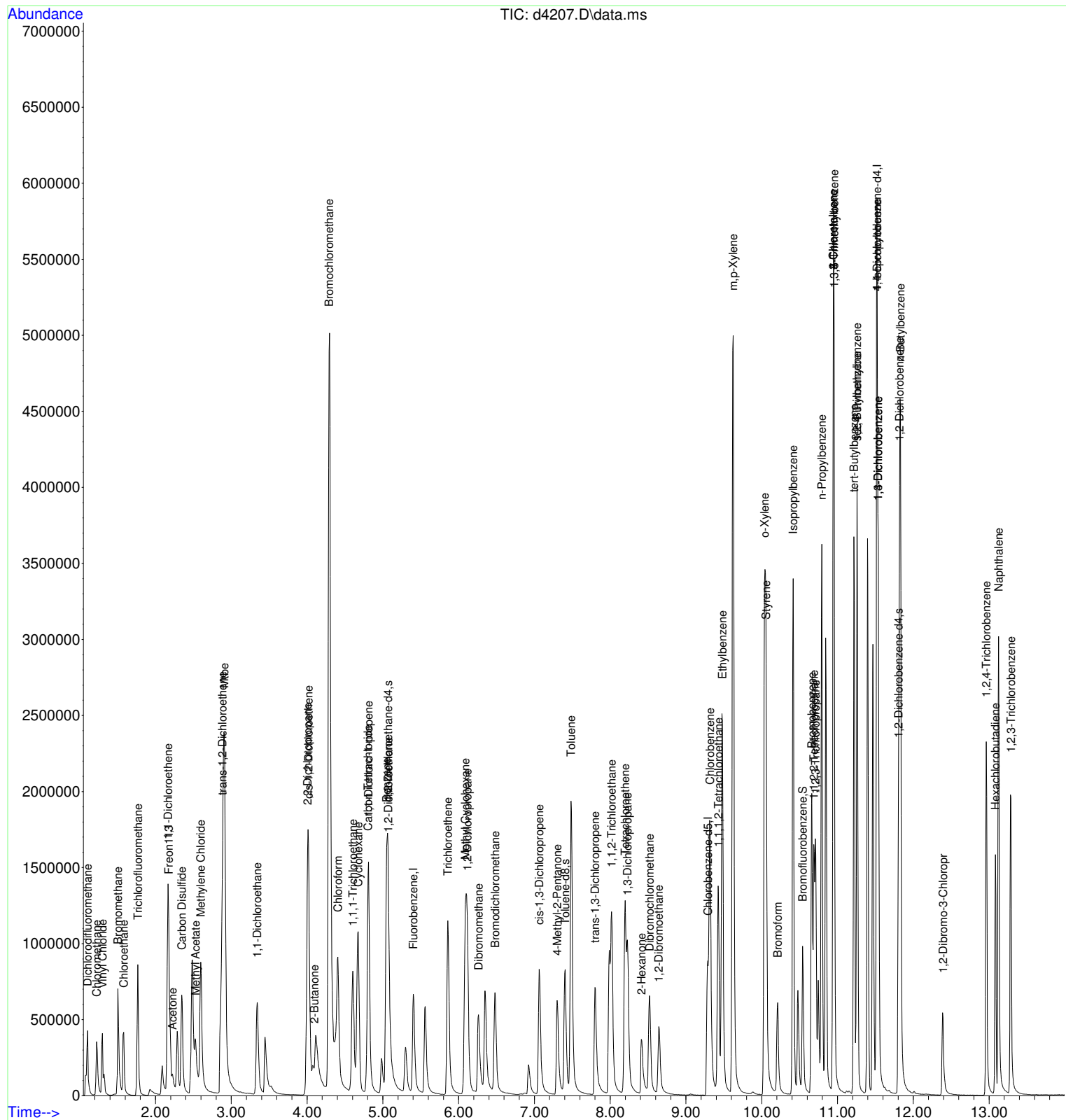
Quant Time: Sep 06 09:14:07 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.037	106	798242	107.81	ug	99
53) Styrene	10.058	104	1333861	114.80	ug	# 73
54) Isopropylbenzene	10.414	105	1929254	110.99	ug	93
55) Bromobenzene	10.661	77	705203	104.88	ug	95
56) 1,2,3-Trichloropropane	10.708	75	446391	105.67	ug	90
57) 2-Chlorotoluene	10.944	91	1580626	112.93	ug	97
58) 4-Chlorotoluene	10.944	91	1580626	111.95	ug	97
59) 1,3,5-Trimethylbenzene	10.954	105	1685076	110.42	ug	93
60) tert-Butylbenzene	11.217	119	1450657	113.50	ug	96
61) 1,2,4-Trimethylbenzene	11.259	105	1662421	111.33	ug	100
63) 1,1,2,2-Tetrachloroethane	10.687	83	590875	109.58	ug	95
64) n-Propylbenzene	10.792	91	2135540	116.89	ug	95
65) 1,3-Dichlorobenzene	11.536	146	1069515	117.22	ug	95
66) sec-Butylbenzene	11.259	105	1662421	103.70	ug	# 91
67) 4-Isopropyltoluene	11.521	119	1833130	113.75	ug	98
68) 1,4-Dichlorobenzene	11.536	146	1069515	105.13	ug	# 42
69) 1,2-Dichlorobenzene	11.820	146	1042066	106.55	ug	98
70) n-Butylbenzene	11.830	91	1356226	122.03	ug	97
71) 1,2-Dibromo-3-Chloropr	12.391	157	157082	128.06	ug	92
72) 1,2,4-Trichlorobenzene	12.963	180	551365	125.89	ug	95
73) Hexachlorobutadiene	13.083	225	188631	114.37	ug	# 93
74) Naphthalene	13.125	128	1960824	126.75	ug	99
75) 1,2,3-Trichlorobenzene	13.288	180	510318	127.02	ug	93

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

Data Path : C:\msdchem\1\data\082824\
Data File : d4207.D
Acq On : 28 Aug 2024 8:27 pm
Operator :
Sample : vstd100
Misc : ical
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 09:14:07 2024
Quant Method : C:\msdchem\1\QTmethods\l1clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\082824\
 Data File : d4208.D
 Acq On : 28 Aug 2024 8:48 pm
 Operator :
 Sample : vstd200
 Misc : ical
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 09:14:15 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.402	96	727755	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	565493	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	368566	50.00	ug	# 0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.983	65	189728	48.33	ug	0.00
43) Toluene-d8	7.405	98	698713	45.74	ug	0.00
62) Bromofluorobenzene	10.540	95	302957	48.86	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	775295	61.70	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.095	85	571575	193.20	ug	98
3) Chloromethane	1.222	50	767958	182.79	ug	93
4) Vinyl Chloride	1.290	62	772578	236.05	ug	99
5) Bromomethane	1.494	94	534701	188.61	ug	97
6) Chloroethane	1.562	64	612200	235.08	ug	93
7) Trichlorofluoromethane	1.757	101	1107758	268.24	ug	97
8) Freon113	2.175	101	400076	223.31	ug	83
9) 1,1-Dichloroethene	2.155	96	499189	198.81	ug	91
10) Carbon Disulfide	2.340	76	1772712	224.13	ug	100
11) Acetone	2.220	43	375844	165.28	ug	87
12) Methyl Acetate	2.524	43	782635	229.00	ug	# 87
13) Methylene Chloride	2.597	84	787013	200.49	ug	# 74
14) trans-1,2-Dichloroethene	2.880	96	759551	228.23	ug	# 86
15) Mtbe	2.906	73	4804398	441.82	ug	97
16) 1,1-Dichloroethane	3.342	63	1373125	212.34	ug	99
17) cis-1,2-Dichloroethene	4.018	61	1371680	224.86	ug	# 77
18) 2,2-Dichloropropane	4.008	77	1585101	207.54	ug	85
19) Bromochloromethane	4.291	128	476204	233.42	ug	87
20) Chloroform	4.406	83	1338863	204.31	ug	99
21) Cyclohexane	4.673	84	927345	200.56	ug	# 80
22) 1,1-Dichloro-1-propene	4.810	75	921612	228.70	ug	84
23) 1,2-Dichloroethane	5.072	62	1202690	229.07	ug	99
24) 2-Butanone	4.076	43	446102	219.86	ug	85
27) 1,1,1-Trichloroethane	4.605	97	1221230	203.39	ug	97
28) Carbon Tetrachloride	4.804	117	991984	212.99	ug	95
29) Benzene	5.051	78	3051457	199.98	ug	100
30) Trichloroethene	5.858	130	952778	198.56	ug	97
31) Methyl Cyclohexane	6.089	83	938725	178.11	ug	92
32) 1,2-Dichloropropane	6.115	63	841125	201.60	ug	97
33) Dibromomethane	6.262	174	614467	238.28	ug	89
34) Bromodichloromethane	6.482	83	1086168	232.06	ug	# 38
35) cis-1,3-Dichloropropene	7.064	75	1226337	245.92	ug	96
36) trans-1,3-Dichloropropene	7.798	75	1141014	251.62	ug	93
37) 1,1,2-Trichloroethane	8.018	97	880587	214.05	ug	# 60
38) 1,3-Dichloropropane	8.228	76	1334661	221.59	ug	97
39) 1,2-Dibromoethane	8.642	107	882161	247.34	ug	95
40) Dibromochloromethane	8.517	129	990806	281.31	ug	95
41) Bromoform	10.210	173	689895	269.59	ug	98
42) 4-Methyl-2-Pentanone	7.300	43	1052558	227.82	ug	99
44) Toluene	7.484	92	2051200	205.18	ug	99
45) Tetrachloroethene	8.197	164	684252	201.33	ug	98
46) 2-Hexanone	8.412	43	720847	263.24	ug	# 66
48) Chlorobenzene	9.313	112	2547122	212.83	ug	98
49) 1,1,1,2-Tetrachloroethane	9.429	133	873646	221.89	ug	95
50) Ethylbenzene	9.481	106	1327190	218.64	ug	91
51) m,p-Xylene	9.623	91	6405386	456.29	ug	99

Data Path : C:\msdchem\1\data\082824\
 Data File : d4208.D
 Acq On : 28 Aug 2024 8:48 pm
 Operator :
 Sample : vstd200
 Misc : ical
 ALS Vial : 6 Sample Multiplier: 1

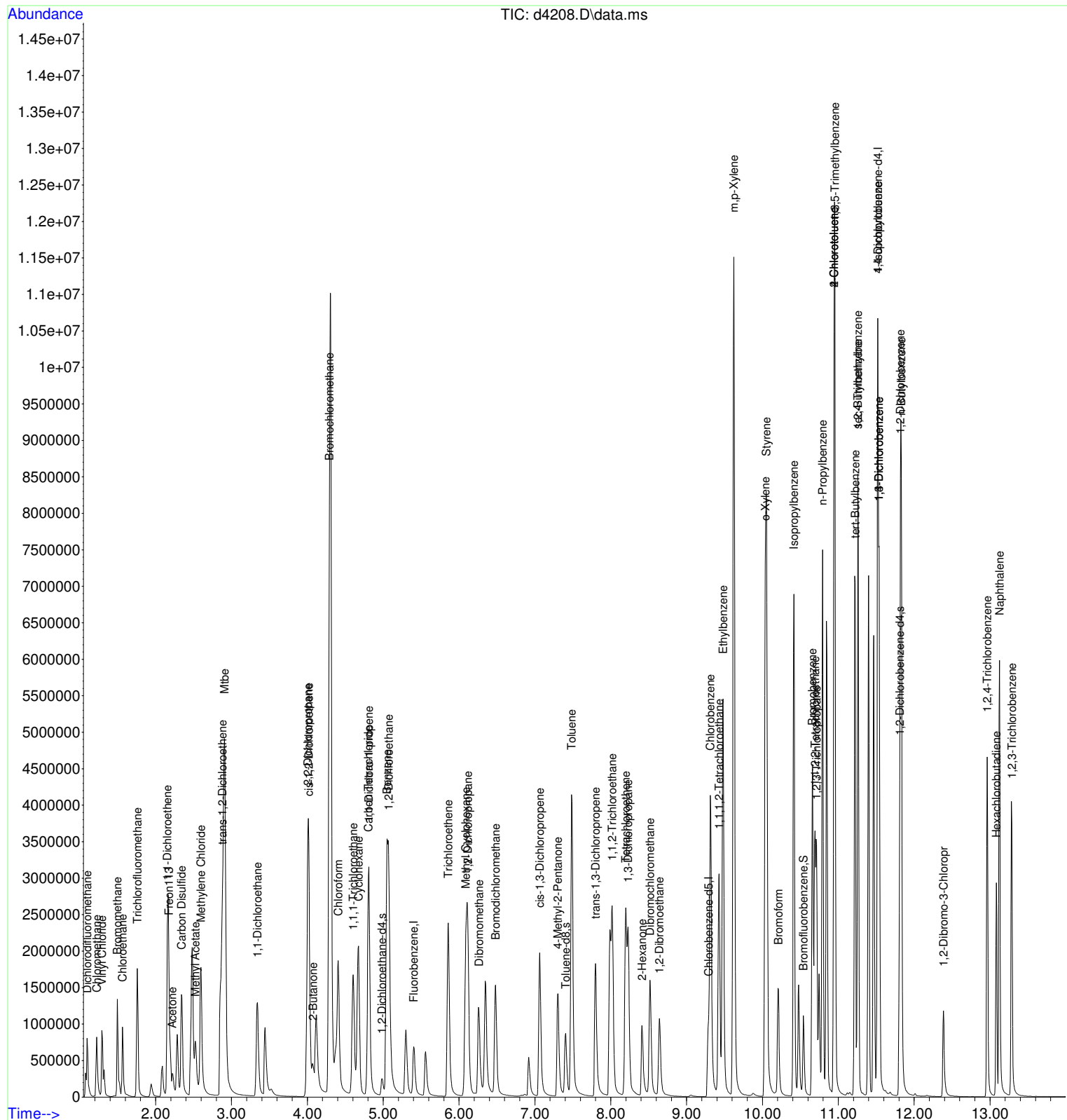
Quant Time: Sep 06 09:14:15 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.037	106	1710041	218.35	ug	100
53) Styrene	10.053	104	2987917	243.14	ug	# 73
54) Isopropylbenzene	10.415	105	3956915	215.23	ug	93
55) Bromobenzene	10.656	77	1549903	217.94	ug	94
56) 1,2,3-Trichloropropane	10.713	75	970426	217.18	ug	93
57) 2-Chlorotoluene	10.944	91	3396843	229.45	ug	97
58) 4-Chlorotoluene	10.944	91	3396843	227.47	ug	97
59) 1,3,5-Trimethylbenzene	10.955	105	3510726	217.51	ug	93
60) tert-Butylbenzene	11.222	119	2872970	212.53	ug	97
61) 1,2,4-Trimethylbenzene	11.259	105	3540300	224.16	ug	99
63) 1,1,2,2-Tetrachloroethane	10.692	83	1322807	231.93	ug	95
64) n-Propylbenzene	10.792	91	4384924	226.92	ug	96
65) 1,3-Dichlorobenzene	11.537	146	2235177	231.62	ug	94
66) sec-Butylbenzene	11.259	105	3540300	208.79	ug	94
67) 4-Isopropyltoluene	11.521	119	3585247	210.33	ug	98
68) 1,4-Dichlorobenzene	11.537	146	2235177	207.73	ug	# 41
69) 1,2-Dichlorobenzene	11.820	146	2144293	207.28	ug	97
70) n-Butylbenzene	11.830	91	2605959	221.70	ug	98
71) 1,2-Dibromo-3-Chloropr	12.386	157	322248	248.38	ug	91
72) 1,2,4-Trichlorobenzene	12.963	180	1057510	228.28	ug	95
73) Hexachlorobutadiene	13.083	225	352862	202.27	ug	91
74) Naphthalene	13.125	128	3787036	231.45	ug	100
75) 1,2,3-Trichlorobenzene	13.288	180	952980	224.27	ug	91

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

Data Path : C:\msdchem\1\data\082824\
Data File : d4208.D
Acq On : 28 Aug 2024 8:48 pm
Operator :
Sample : vstd200
Misc : ical
ALS Vial : 6 Sample Multiplier: 1

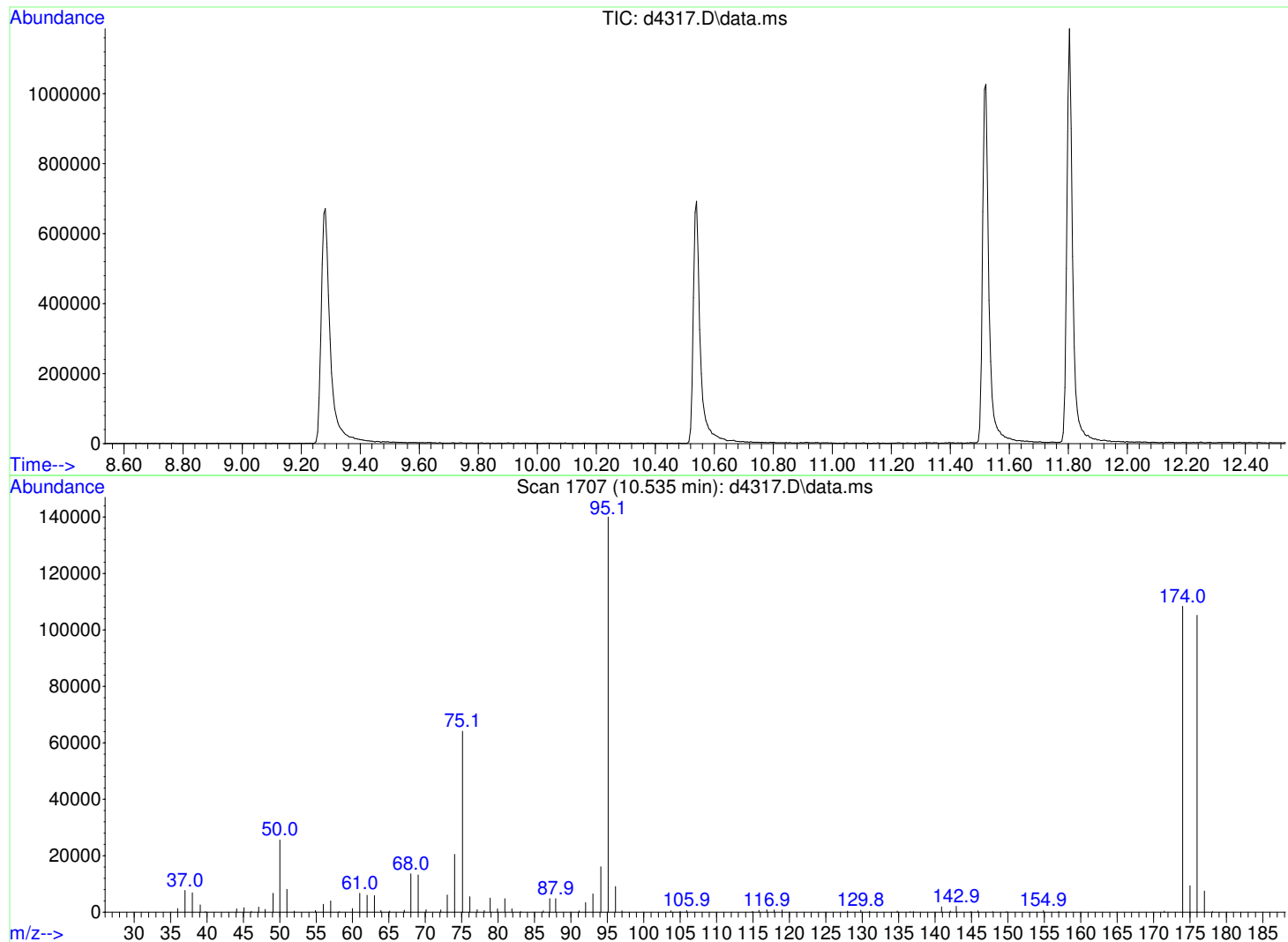
Quant Time: Sep 06 09:14:15 2024
Quant Method : C:\msdchem\1\QTmethods\l1clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\090424\
Data File : d4317.D
Acq On : 4 Sep 2024 11:06 am
Operator :
Sample : BFB
Misc : tune
ALS Vial : 50 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\QTmethods\11clp-082824.M
Title : Voa Calibration 524/8260 Water
Last Update : Thu Aug 29 13:49:31 2024



Spectrum Information: Scan 1707

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	18.2	25520	PASS
75	95	30	60	45.7	64032	PASS
95	95	100	100	100.0	140032	PASS
96	95	5	9	6.5	9080	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.4	108360	PASS
175	174	5	9	8.6	9337	PASS
176	174	95	101	97.1	105184	PASS
177	176	5	9	7.1	7464	PASS

Data Path : C:\msdchem\1\data\090424\
 Data File : d4320.D
 Acq On : 4 Sep 2024 12:11 pm
 Operator :
 Sample : lcs
 Misc : lcs
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 09:28:26 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	5.407	96	692399	50.00	ug	0.00
26) Chlorobenzene-d5	9.282	117	511723	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	327717	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.983	65	194856	52.17	ug	0.00
43) Toluene-d8	7.405	98	666818	48.24	ug	0.00
62) Bromofluorobenzene	10.540	95	266810	48.40	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.804	150	521549	46.68	ug	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	61739	21.93	ug	98
3) Chloromethane	1.222	50	137721	34.46	ug	92
4) Vinyl Chloride	1.299	62	91716	29.45	ug	96
5) Bromomethane	1.513	94	35541	13.18	ug	94
6) Chloroethane	1.582	64	68231	27.54	ug	93
7) Trichlorofluoromethane	1.776	101	145720	37.09	ug	98
8) Freon113	2.184	101	50831	29.82	ug	99
9) 1,1-Dichloroethene	2.175	96	74998	31.39	ug	92
10) Carbon Disulfide	2.356	76	238332	31.67	ug	100
11) Acetone	2.225	43	54074	24.99	ug	87
12) Methyl Acetate	2.534	43	91453	28.13	ug	92
13) Methylene Chloride	2.608	84	106633	25.77	ug	# 74
14) trans-1,2-Dichloroethene	2.891	96	99171	31.32	ug	90
15) Mtbe	2.912	73	593003	57.32	ug	95
16) 1,1-Dichloroethane	3.347	63	180271	29.30	ug	98
17) cis-1,2-Dichloroethene	4.023	61	185963	32.04	ug	# 74
18) 2,2-Dichloropropane	4.013	77	264225	36.36	ug	86
19) Bromochloromethane	4.291	128	61528	31.70	ug	79
20) Chloroform	4.406	83	177852	28.53	ug	98
21) Cyclohexane	4.673	84	140440	31.92	ug	# 79
22) 1,1-Dichloro-1-propene	4.820	75	119708	31.22	ug	83
23) 1,2-Dichloroethane	5.077	62	151838	30.40	ug	98
24) 2-Butanone	4.107	43	47887	24.81	ug	83
27) 1,1,1-Trichloroethane	4.605	97	160145	29.47	ug	98
28) Carbon Tetrachloride	4.804	117	88782	21.07	ug	96
29) Benzene	5.056	78	391435	28.35	ug	100
30) Trichloroethene	5.864	130	123077	28.34	ug	96
31) Methyl Cyclohexane	6.094	83	139789	29.31	ug	92
32) 1,2-Dichloropropane	6.120	63	106380	28.18	ug	96
33) Dibromomethane	6.267	174	75635	32.41	ug	91
34) Bromodichloromethane	6.482	83	124615	29.42	ug	# 35
35) cis-1,3-Dichloropropene	7.069	75	136326	30.21	ug	94
36) trans-1,3-Dichloropropene	7.809	75	113475	27.65	ug	94
37) 1,1,2-Trichloroethane	8.024	97	102390	27.50	ug	# 58
38) 1,3-Dichloropropane	8.228	76	159722	29.30	ug	100
39) 1,2-Dibromoethane	8.648	107	94399	29.25	ug	98
40) Dibromochloromethane	8.522	129	99331	31.17	ug	94
41) Bromoform	10.210	173	63642	27.48	ug	95
42) 4-Methyl-2-Pentanone	7.305	43	105326	25.19	ug	95
44) Toluene	7.489	92	262677	29.04	ug	99
45) Tetrachloroethene	8.197	164	92633	30.12	ug	97
46) 2-Hexanone	8.422	43	66475	26.83	ug	84
48) Chlorobenzene	9.319	112	313768	29.49	ug	96
49) 1,1,1,2-Tetrachloroethane	9.424	133	85601	24.45	ug	# 94
50) Ethylbenzene	9.481	106	162333	30.08	ug	# 90
51) m,p-Xylene	9.618	91	762673	61.10	ug	97

Data Path : C:\msdchem\1\data\090424\
 Data File : d4320.D
 Acq On : 4 Sep 2024 12:11 pm
 Operator :
 Sample : lcs
 Misc : lcs
 ALS Vial : 3 Sample Multiplier: 1

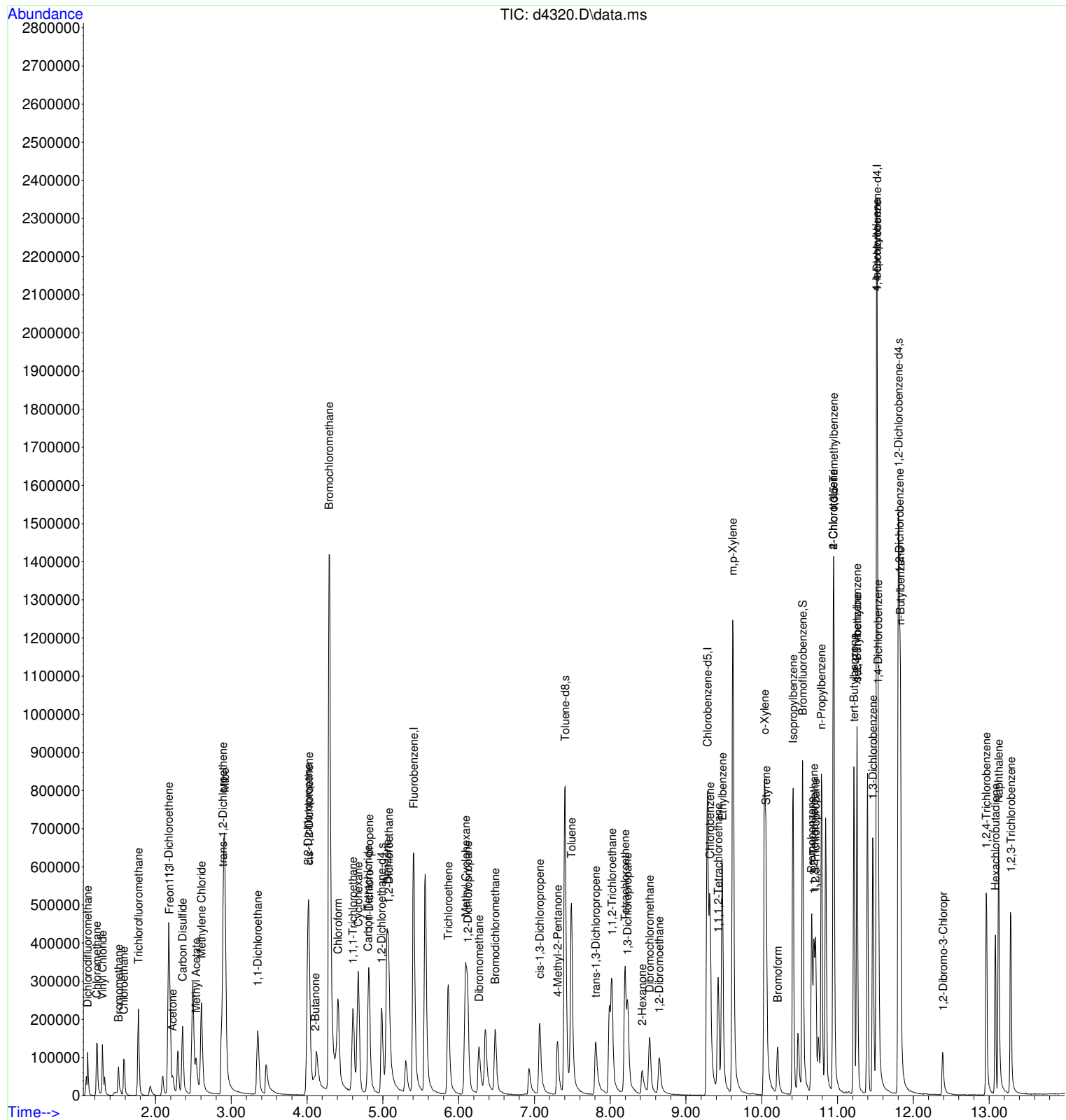
Quant Time: Sep 06 09:28:26 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
52) o-Xylene	10.037	106	202242	29.04	ug	100
53) Styrene	10.058	104	334795	30.64	ug	# 73
54) Isopropylbenzene	10.415	105	474685	29.04	ug	91
55) Bromobenzene	10.656	77	176487	27.91	ug	91
56) 1,2,3-Trichloropropane	10.708	75	105805	26.63	ug	89
57) 2-Chlorotoluene	10.944	91	381022	28.95	ug	100
58) 4-Chlorotoluene	10.944	91	381022	28.70	ug	93
59) 1,3,5-Trimethylbenzene	10.949	105	410959	28.63	ug	92
60) tert-Butylbenzene	11.217	119	343178	28.55	ug	97
61) 1,2,4-Trimethylbenzene	11.259	105	416156	29.63	ug	99
63) 1,1,2,2-Tetrachloroethane	10.687	83	147229	29.03	ug	94
64) n-Propylbenzene	10.787	91	505851	29.44	ug	93
65) 1,3-Dichlorobenzene	11.468	146	256733	29.92	ug	92
66) sec-Butylbenzene	11.259	105	416156	27.60	ug	94
67) 4-Isopropyltoluene	11.516	119	434487	28.67	ug	98
68) 1,4-Dichlorobenzene	11.537	146	279344	29.20	ug	# 47
69) 1,2-Dichlorobenzene	11.820	146	265566	28.87	ug	95
70) n-Butylbenzene	11.830	91	314575	30.10	ug	96
71) 1,2-Dibromo-3-Chloropr	12.391	157	33682	29.20	ug	92
72) 1,2,4-Trichlorobenzene	12.963	180	135135	32.81	ug	95
73) Hexachlorobutadiene	13.083	225	49472	31.89	ug	# 88
74) Naphthalene	13.125	128	452450	31.10	ug	100
75) 1,2,3-Trichlorobenzene	13.288	180	127195	33.66	ug	95

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

Data Path : C:\msdchem\1\data\090424\
Data File : d4320.D
Acq On : 4 Sep 2024 12:11 pm
Operator :
Sample : lcs
Misc : lcs
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 09:28:26 2024
Quant Method : C:\msdchem\1\QTmethods\l1clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\090424\
 Data File : d4332.D
 Acq On : 4 Sep 2024 4:40 pm
 Operator :
 Sample : 240823014-005a
 Misc : samp
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 06 09:30:38 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

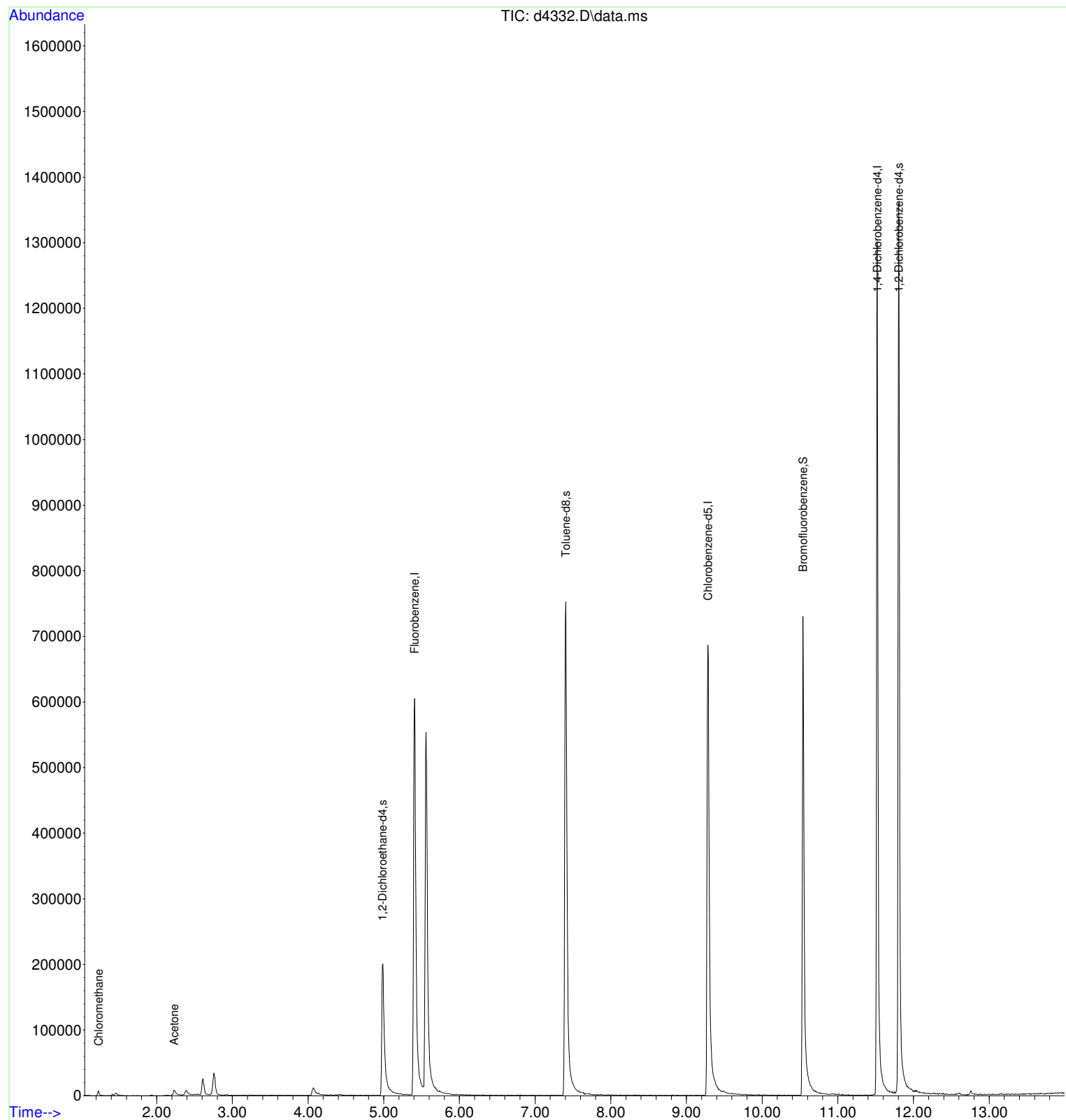
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

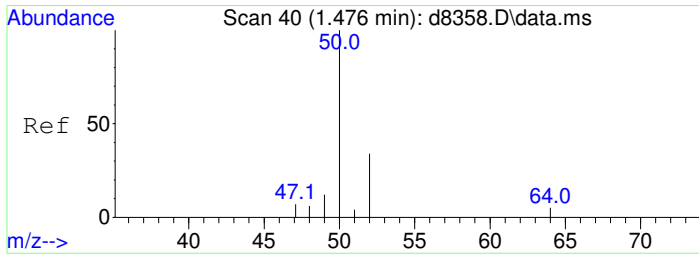
Internal Standards						
1) Fluorobenzene	5.407	96	677500	50.00	ug	0.00
26) Chlorobenzene-d5	9.282	117	490694	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	316308	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.983	65	177440	48.56	ug	0.00
43) Toluene-d8	7.405	98	629083	47.46	ug	0.00
62) Bromofluorobenzene	10.540	95	247804	46.57	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.804	150	501614	46.51	ug	0.00
Target Compounds						Qvalue
3) Chloromethane	1.231	50	7542	1.93	ug	99
11) Acetone	2.230	43	13208	6.24	ug	84

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

Data Path : C:\msdchem\1\data\090424\
Data File : d4332.D
Acq On : 4 Sep 2024 4:40 pm
Operator :
Sample : 240823014-005a
Misc : samp
ALS Vial : 11 Sample Multiplier: 1

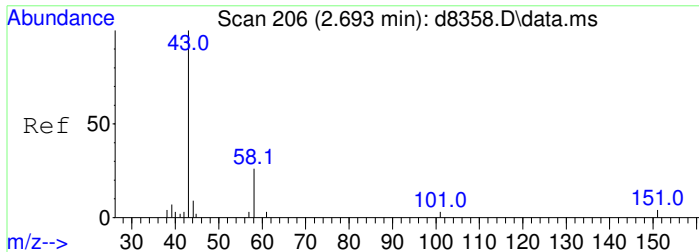
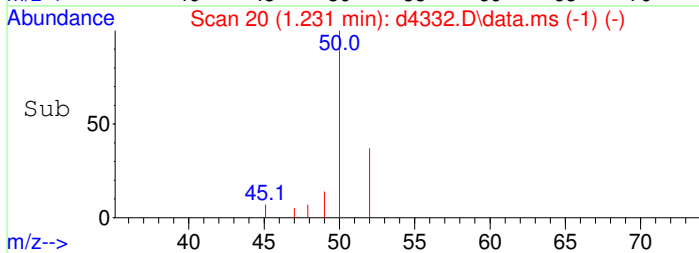
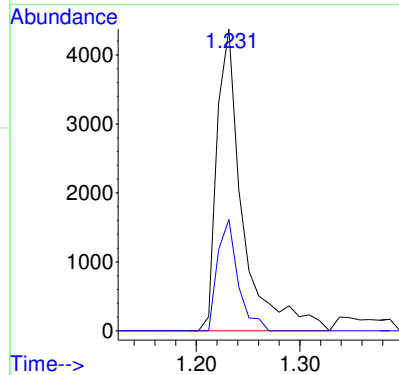
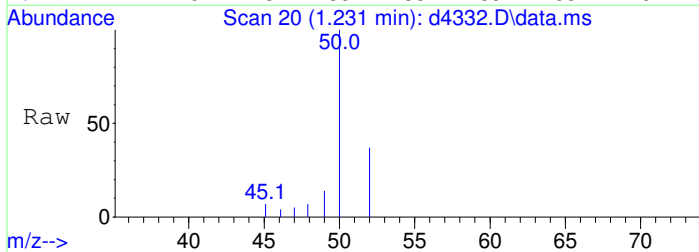
Quant Time: Sep 06 09:30:38 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration





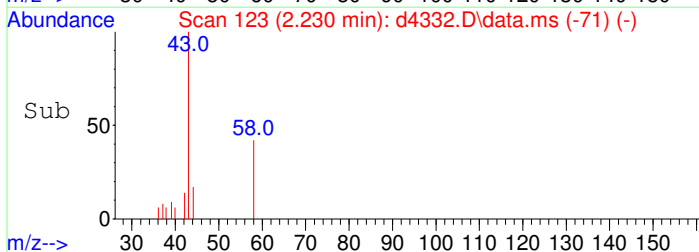
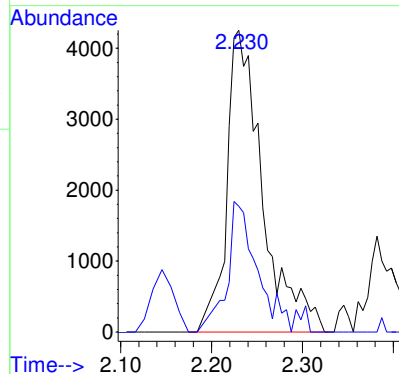
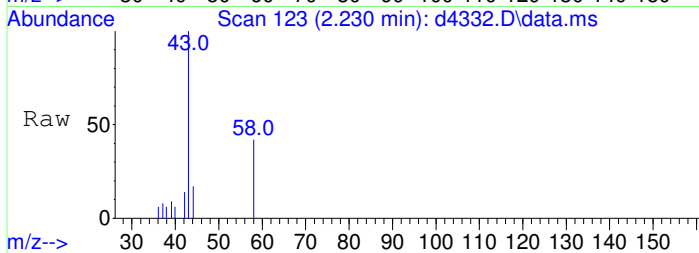
#3
Chloromethane
Concen: 1.93 ug
RT: 1.231 min Scan# 20
Delta R.T. 0.009 min
Lab File: d4332.D
Acq: 4 Sep 2024 4:40 pm

Tgt Ion: 50 Resp: 7542
Ion Ratio Lower Upper
50 100
52 29.4 24.1 36.1



#11
Acetone
Concen: 6.24 ug
RT: 2.230 min Scan# 123
Delta R.T. 0.005 min
Lab File: d4332.D
Acq: 4 Sep 2024 4:40 pm

Tgt Ion: 43 Resp: 13208
Ion Ratio Lower Upper
43 100
58 35.2 6.9 46.9



Data Path : C:\msdchem\1\data\090424\
 Data File : d4333.D
 Acq On : 4 Sep 2024 5:02 pm
 Operator :
 Sample : 240823014-001b
 Misc : samp
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 06 09:30:48 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

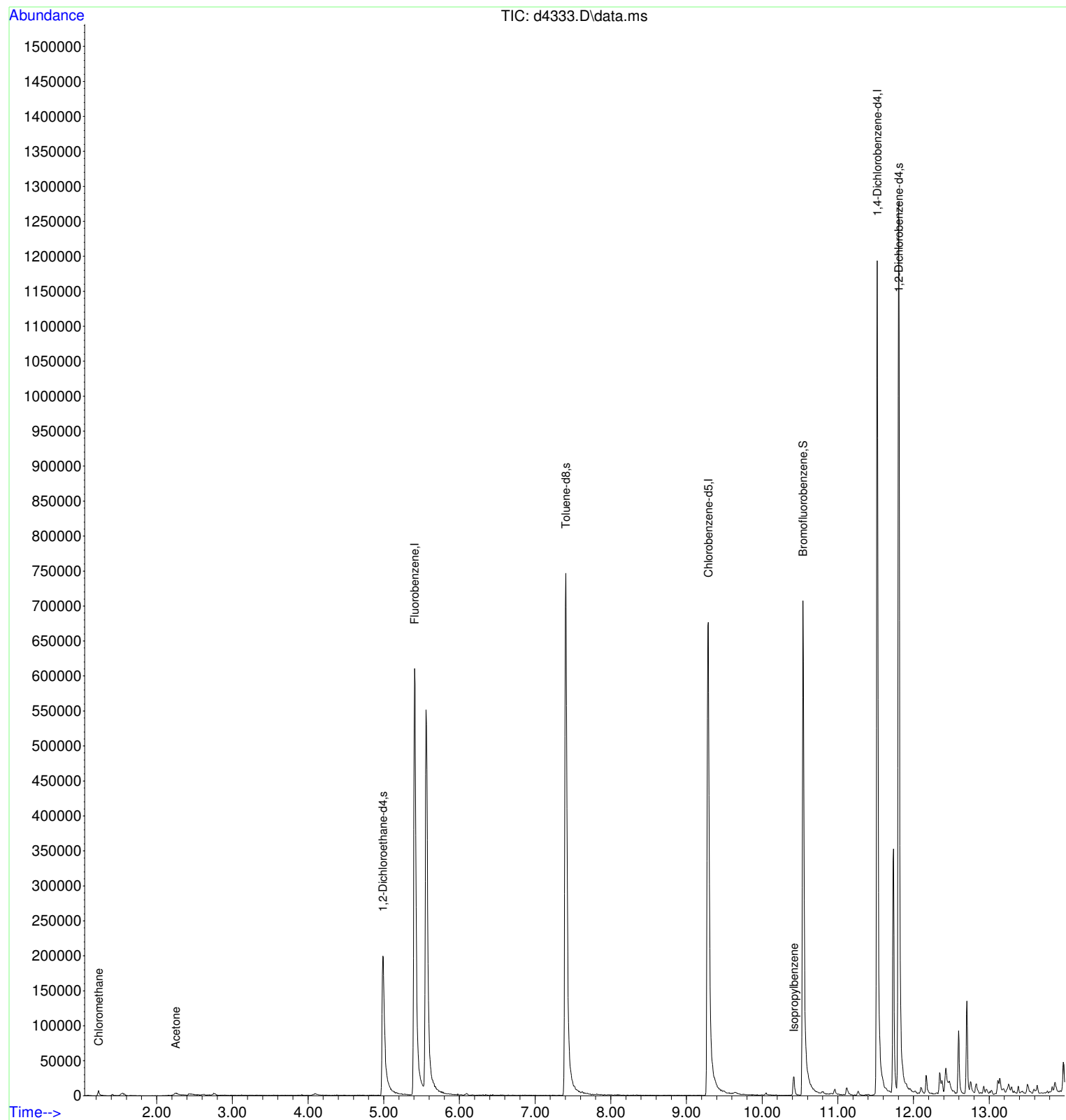
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

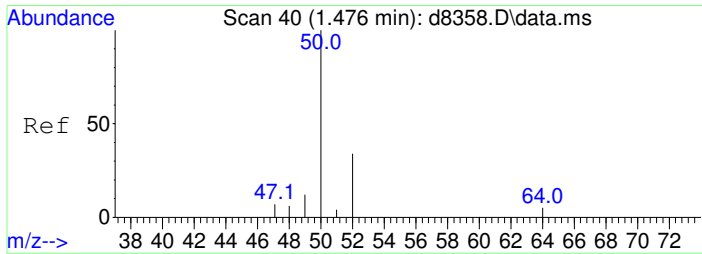
Internal Standards						
1) Fluorobenzene	5.407	96	671538	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	495896	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	297878	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.988	65	177929	49.12	ug	0.00
43) Toluene-d8	7.405	98	633392	47.28	ug	0.00
62) Bromofluorobenzene	10.540	95	244916	48.88	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.804	150	476468	46.92	ug	0.00
Target Compounds						Qvalue
3) Chloromethane	1.231	50	7561	1.95	ug	97
11) Acetone	2.251	43	4928	2.35	ug	92
13) Methylene Chloride	2.623	84	770	Below	Cal	87
54) Isopropylbenzene	10.420	105	18341	1.23	ug	93

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

Data Path : C:\msdchem\1\data\090424\
Data File : d4333.D
Acq On : 4 Sep 2024 5:02 pm
Operator :
Sample : 240823014-001b
Misc : samp
ALS Vial : 12 Sample Multiplier: 1

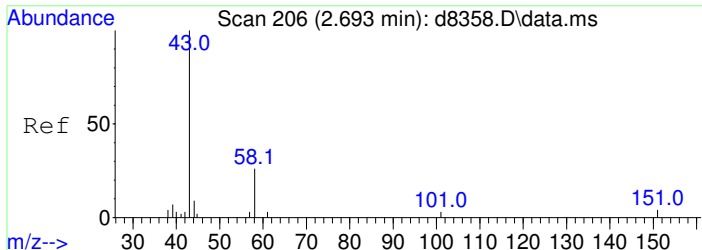
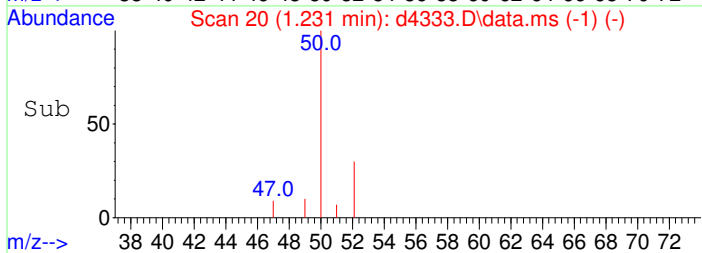
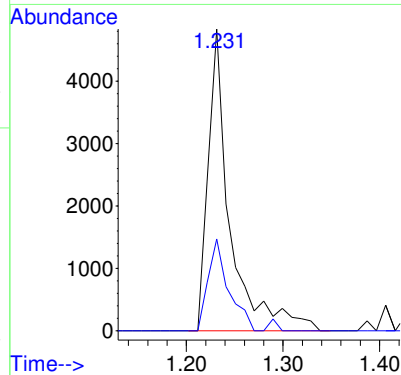
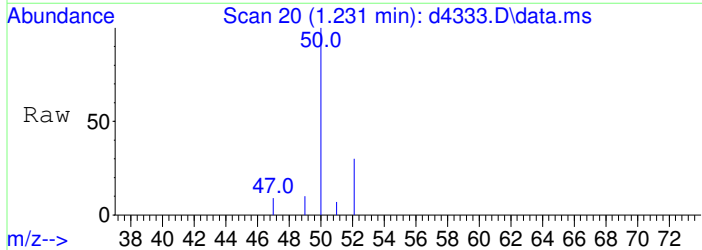
Quant Time: Sep 06 09:30:48 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration





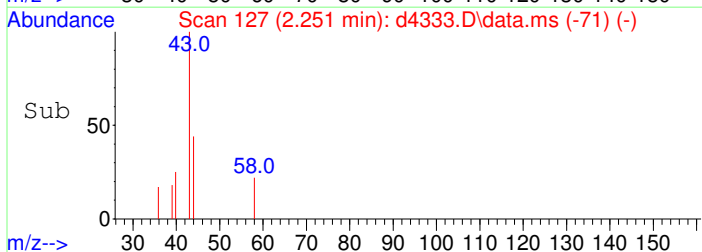
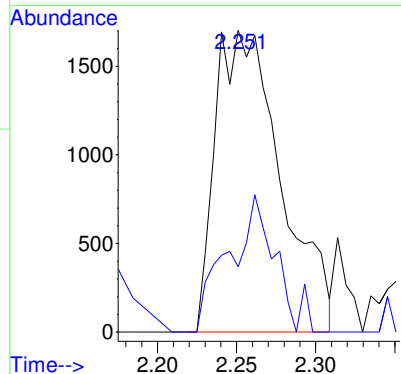
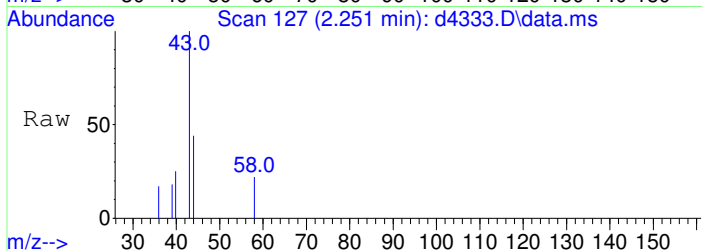
#3
Chloromethane
Concen: 1.95 ug
RT: 1.231 min Scan# 20
Delta R.T. 0.009 min
Lab File: d4333.D
Acq: 4 Sep 2024 5:02 pm

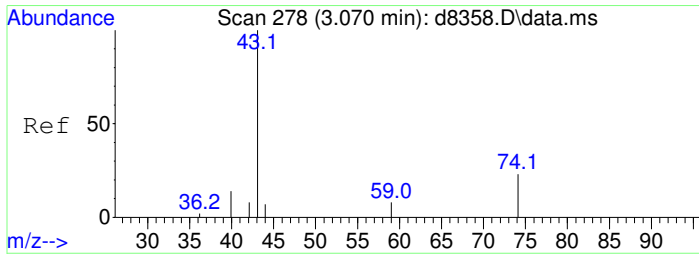
Tgt Ion	Ratio	Lower	Upper
50	100		
52	28.7	24.1	36.1



#11
Acetone
Concen: 2.35 ug
RT: 2.251 min Scan# 127
Delta R.T. 0.026 min
Lab File: d4333.D
Acq: 4 Sep 2024 5:02 pm

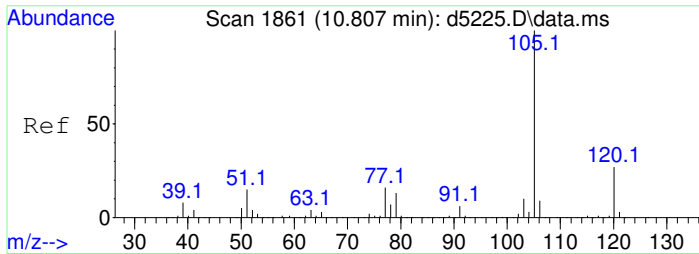
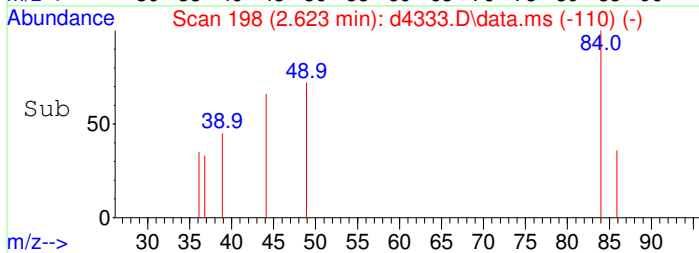
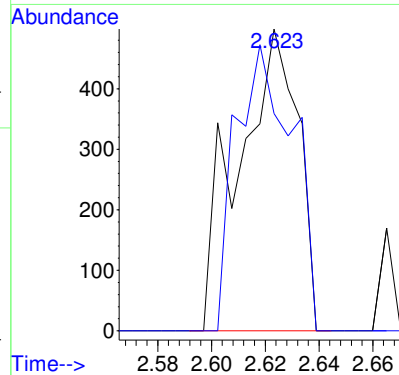
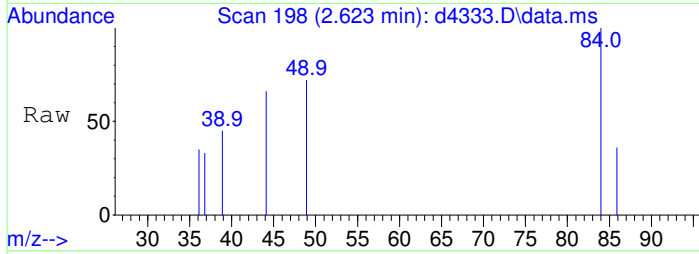
Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	6.9	46.9





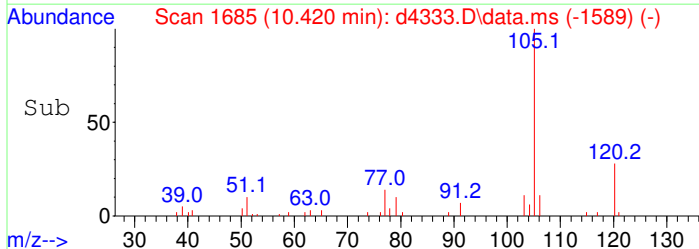
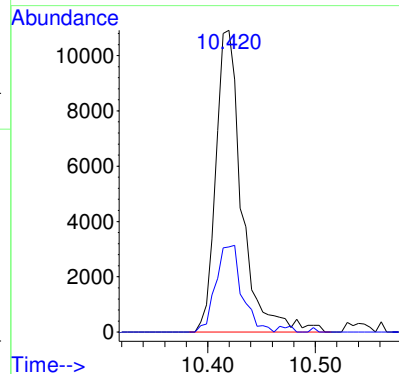
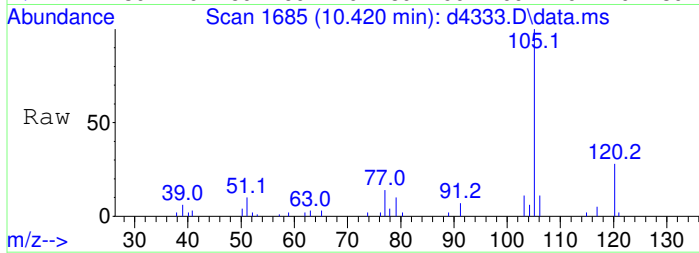
#13
Methylene Chloride
Concen: Below Cal
RT: 2.623 min Scan# 198
Delta R.T. 0.021 min
Lab File: d4333.D
Acq: 4 Sep 2024 5:02 pm

Tgt Ion: 84 Resp: 770
Ion Ratio Lower Upper
84 100
49 90.0 82.9 122.9



#54
Isopropylbenzene
Concen: 1.23 ug
RT: 10.420 min Scan# 1685
Delta R.T. 0.006 min
Lab File: d4333.D
Acq: 4 Sep 2024 5:02 pm

Tgt Ion: 105 Resp: 18341
Ion Ratio Lower Upper
105 100
120 29.0 20.3 30.5



Data Path : C:\msdchem\1\data\090424\
 Data File : d4334.D
 Acq On : 4 Sep 2024 5:23 pm
 Operator :
 Sample : 240823014-003b
 Misc : samp
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 06 09:30:55 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

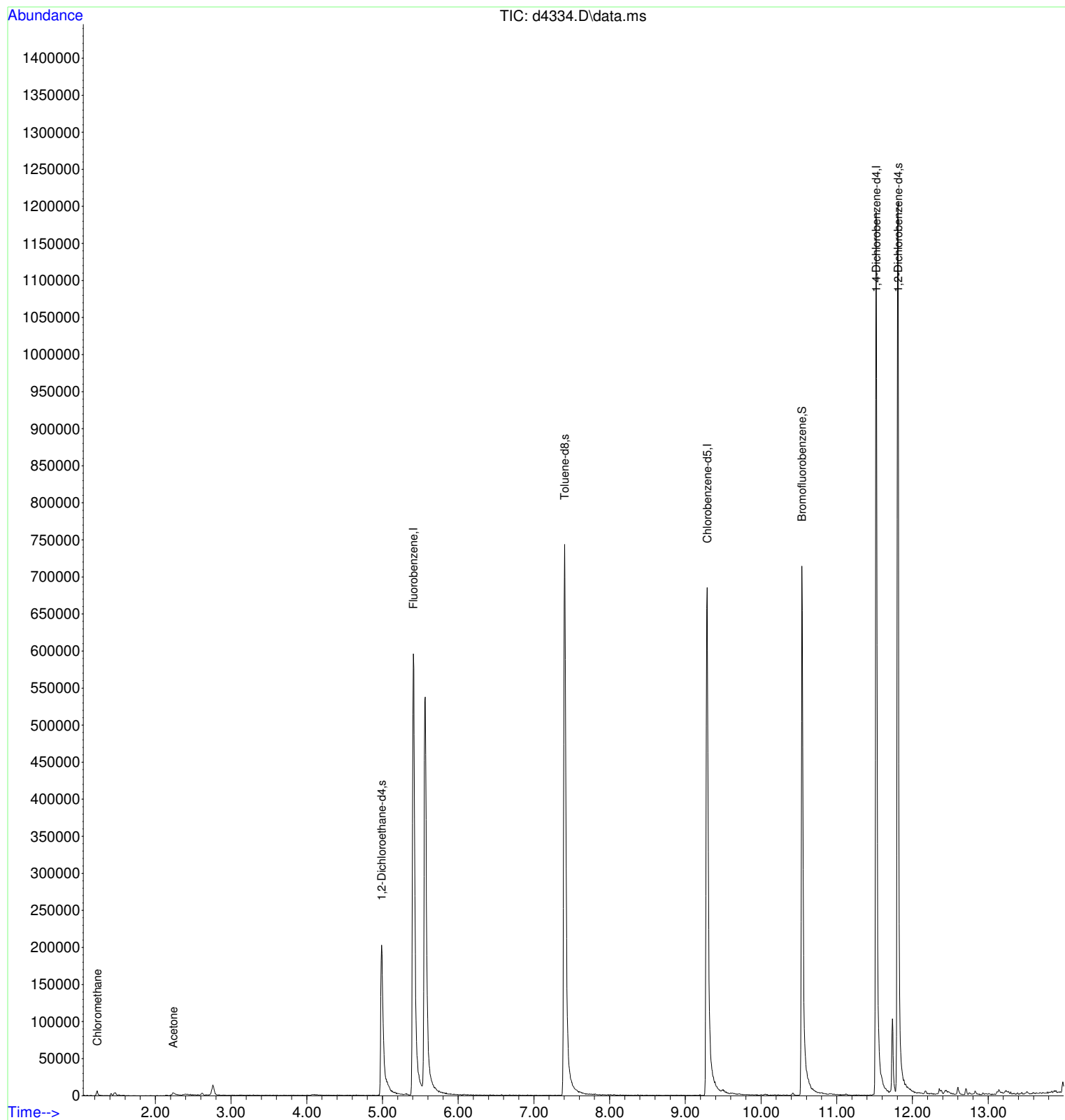
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

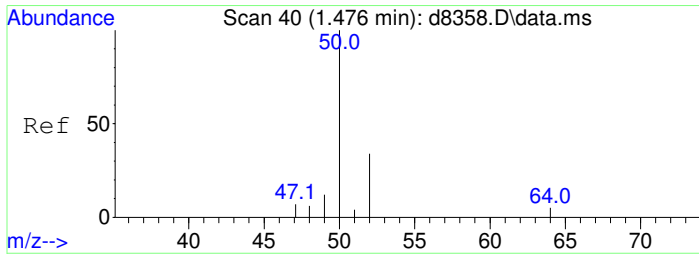
Internal Standards						
1) Fluorobenzene	5.407	96	653444	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	500898	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	299238	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.988	65	179358	50.89	ug	0.00
43) Toluene-d8	7.405	98	629417	46.52	ug	0.00
62) Bromofluorobenzene	10.540	95	244427	48.56	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	472637	46.33	ug	0.00
Target Compounds						Qvalue
3) Chloromethane	1.231	50	6690	1.77	ug	90
11) Acetone	2.235	43	4500	2.20	ug	92
13) Methylene Chloride	2.618	84	1107	Below Cal	#	79

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

Data Path : C:\msdchem\1\data\090424\
Data File : d4334.D
Acq On : 4 Sep 2024 5:23 pm
Operator :
Sample : 240823014-003b
Misc : samp
ALS Vial : 13 Sample Multiplier: 1

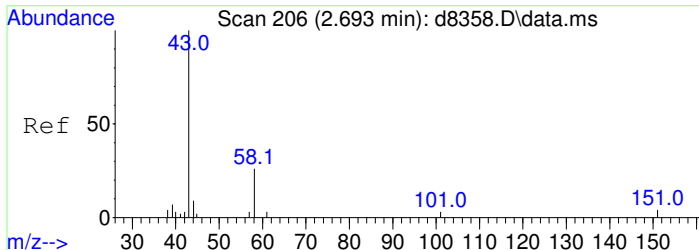
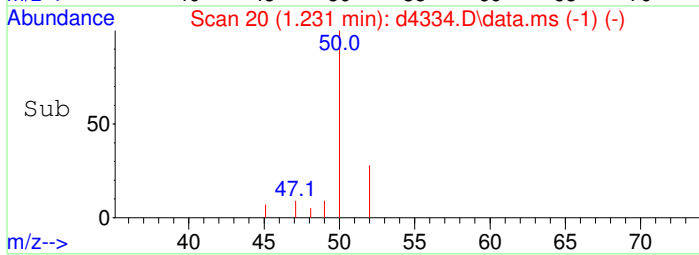
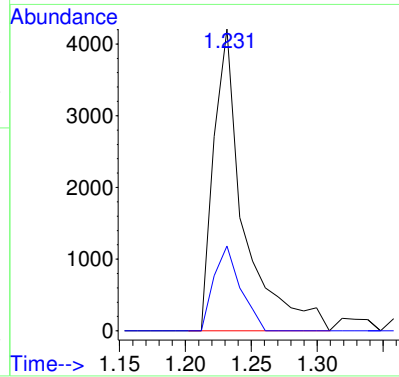
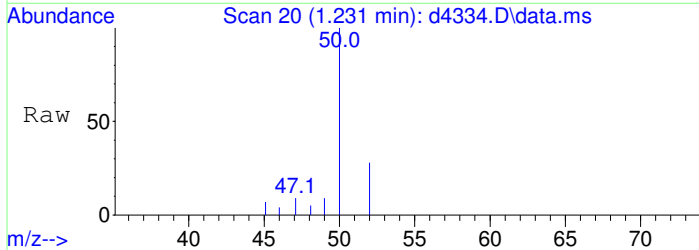
Quant Time: Sep 06 09:30:55 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration





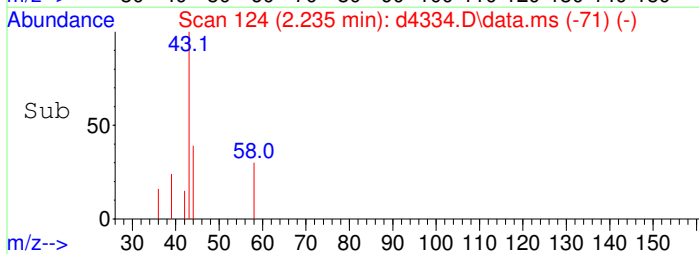
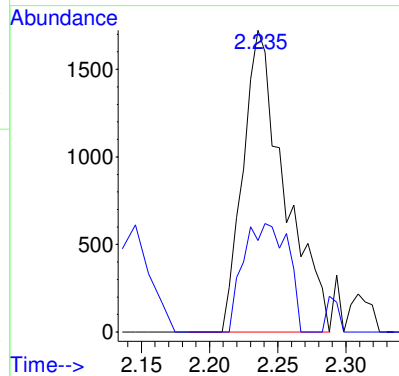
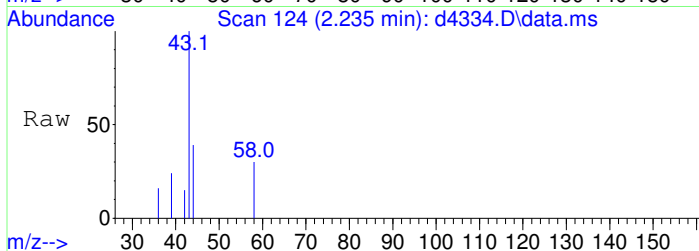
#3
Chloromethane
Concen: 1.77 ug
RT: 1.231 min Scan# 20
Delta R.T. 0.009 min
Lab File: d4334.D
Acq: 4 Sep 2024 5:23 pm

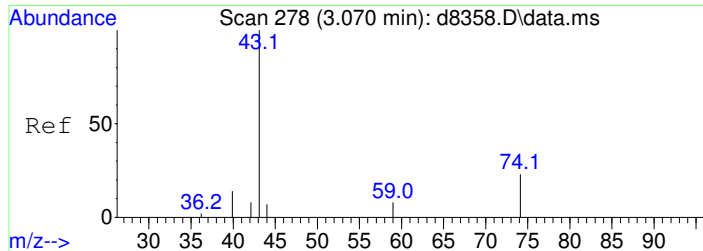
Tgt Ion	50	52	Resp	100	Ratio	Lower	Upper
50	100						
52	24.9				24.1		36.1



#11
Acetone
Concen: 2.20 ug
RT: 2.235 min Scan# 124
Delta R.T. 0.010 min
Lab File: d4334.D
Acq: 4 Sep 2024 5:23 pm

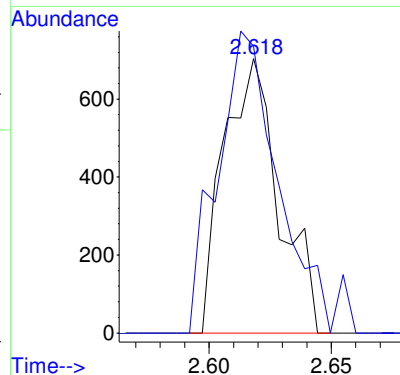
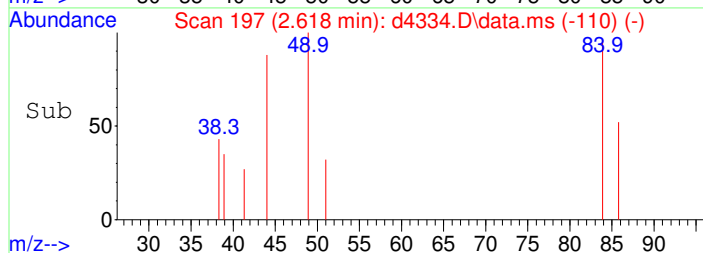
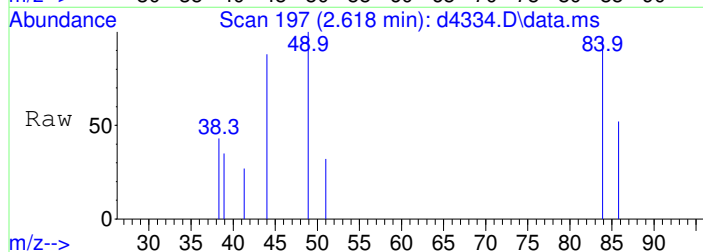
Tgt Ion	43	58	Resp	100	Ratio	Lower	Upper
43	100						
58	31.2				6.9		46.9





#13
Methylene Chloride
Concen: Below Cal
RT: 2.618 min Scan# 197
Delta R.T. 0.016 min
Lab File: d4334.D
Acq: 4 Sep 2024 5:23 pm

Tgt Ion: 84 Resp: 1107
Ion Ratio Lower Upper
84 100
49 124.1 82.9 122.9#



Data Path : C:\msdchem\1\data\090424\
 Data File : d4335.D
 Acq On : 4 Sep 2024 5:45 pm
 Operator :
 Sample : 240823014-004b
 Misc : samp
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 06 09:31:03 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

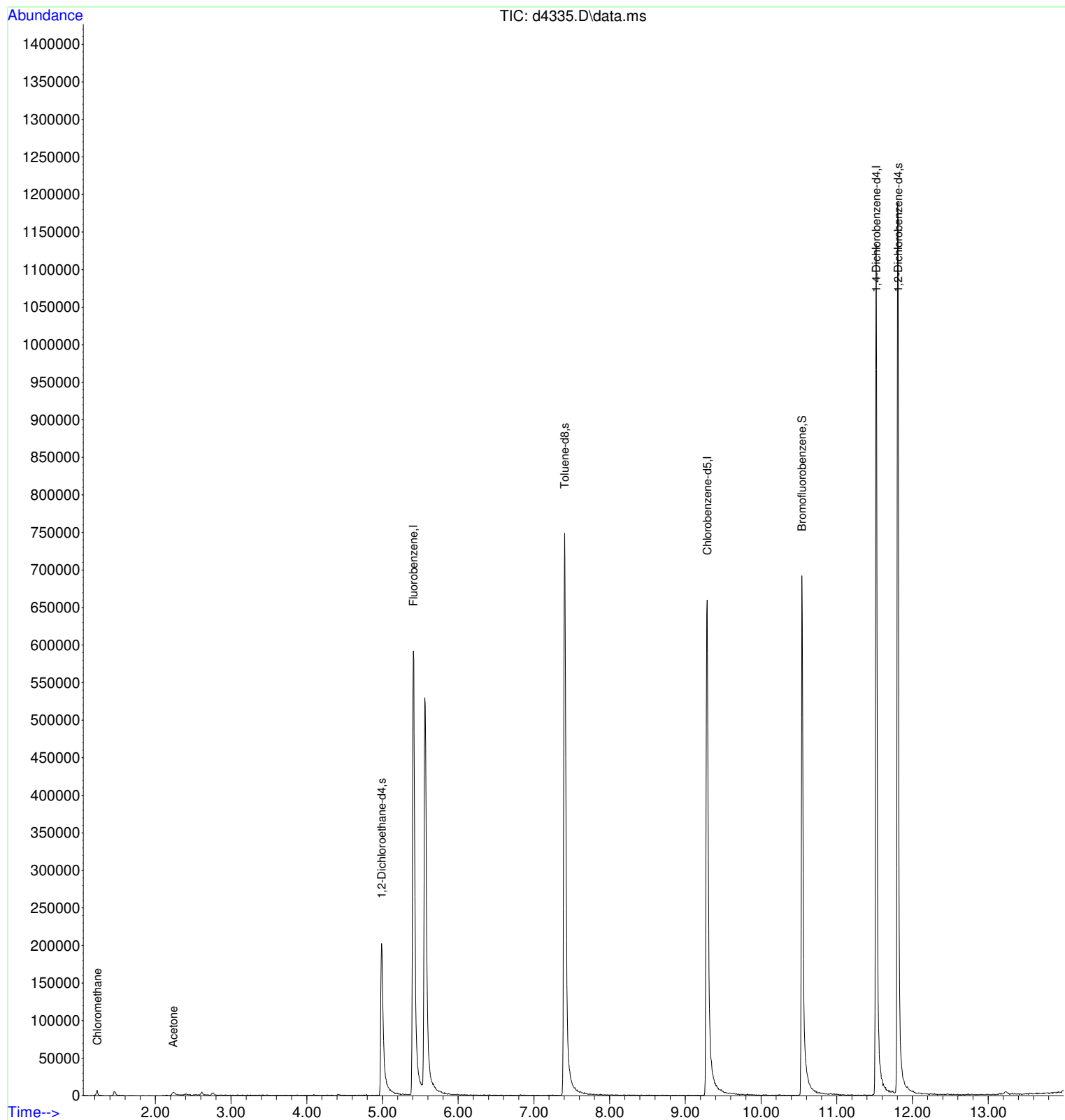
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

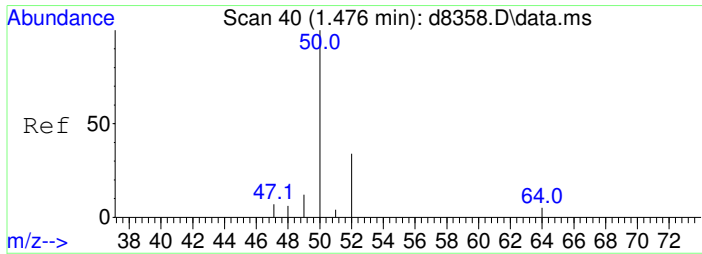
Internal Standards						
1) Fluorobenzene	5.407	96	670879	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	488678	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	293461	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.988	65	172078	47.55	ug	0.00
43) Toluene-d8	7.405	98	634439	48.06	ug	0.00
62) Bromofluorobenzene	10.540	95	239125	48.44	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	463383	46.31	ug	0.00
Target Compounds						Qvalue
3) Chloromethane	1.231	50	7290	1.88	ug	98
11) Acetone	2.235	43	6222	2.97	ug	89
13) Methylene Chloride	2.618	84	1667	Below Cal	#	79

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

Data Path : C:\msdchem\1\data\090424\
Data File : d4335.D
Acq On : 4 Sep 2024 5:45 pm
Operator :
Sample : 240823014-004b
Misc : samp
ALS Vial : 14 Sample Multiplier: 1

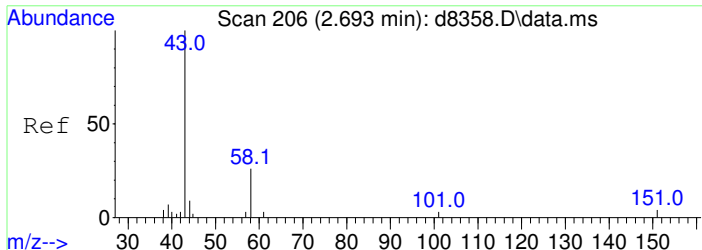
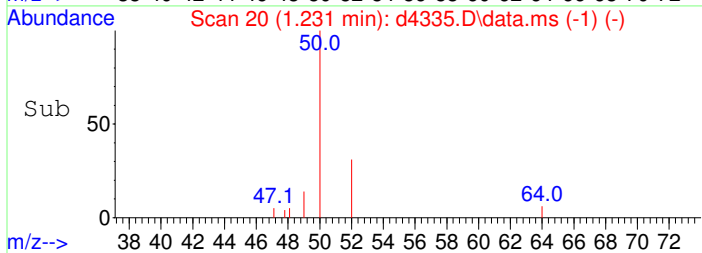
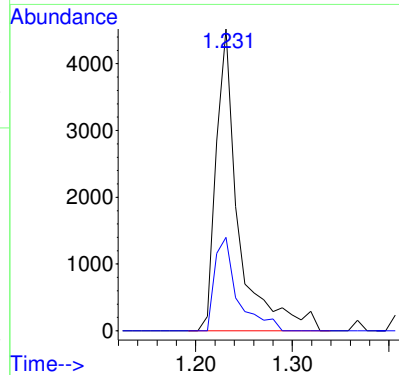
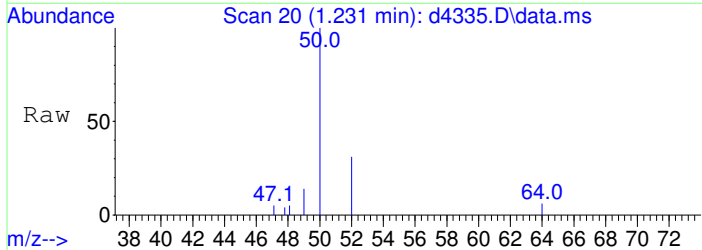
Quant Time: Sep 06 09:31:03 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration





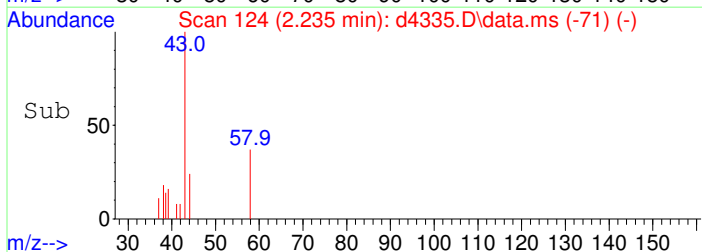
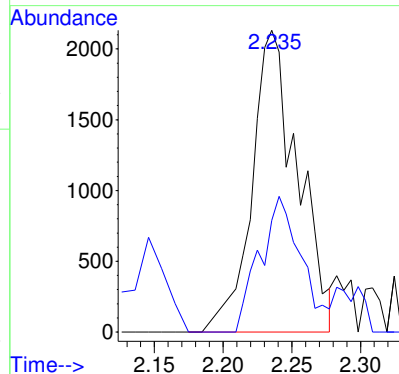
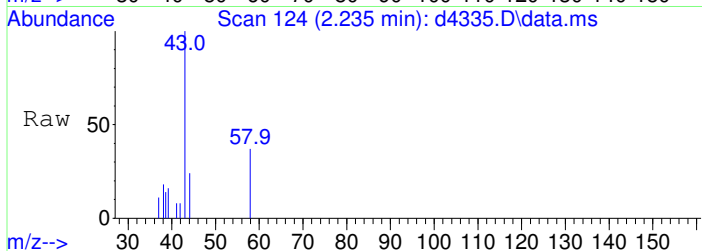
#3
Chloromethane
Concen: 1.88 ug
RT: 1.231 min Scan# 20
Delta R.T. 0.009 min
Lab File: d4335.D
Acq: 4 Sep 2024 5:45 pm

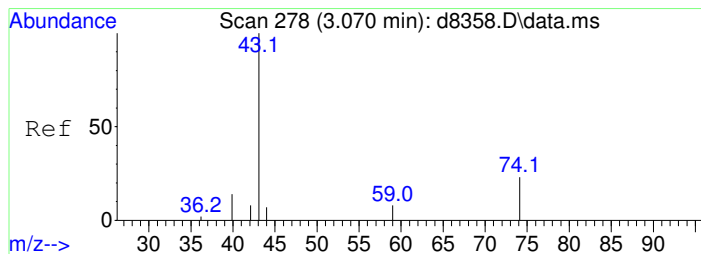
Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.4	24.1	36.1



#11
Acetone
Concen: 2.97 ug
RT: 2.235 min Scan# 124
Delta R.T. 0.010 min
Lab File: d4335.D
Acq: 4 Sep 2024 5:45 pm

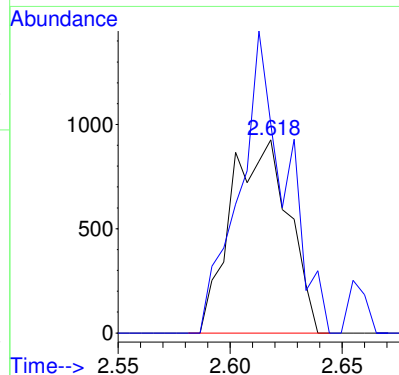
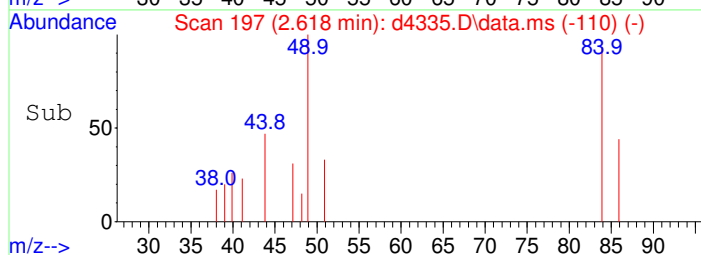
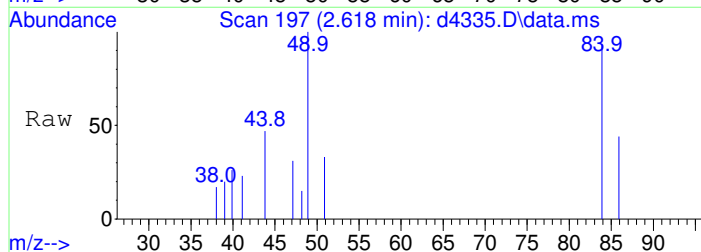
Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.5	6.9	46.9





#13
Methylene Chloride
Concen: Below Cal
RT: 2.618 min Scan# 197
Delta R.T. 0.016 min
Lab File: d4335.D
Acq: 4 Sep 2024 5:45 pm

Tgt Ion: 84 Resp: 1667
Ion Ratio Lower Upper
84 100
49 124.7 82.9 122.9#



Data Path : C:\msdchem\1\data\090424\
 Data File : d4336.D
 Acq On : 4 Sep 2024 6:07 pm
 Operator :
 Sample : 240823014-002b
 Misc : samp
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 06 09:38:53 2024
 Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
 Quant Title : Voa Calibration 524/8260 Water
 QLast Update : Thu Aug 29 13:49:31 2024
 Response via : Initial Calibration

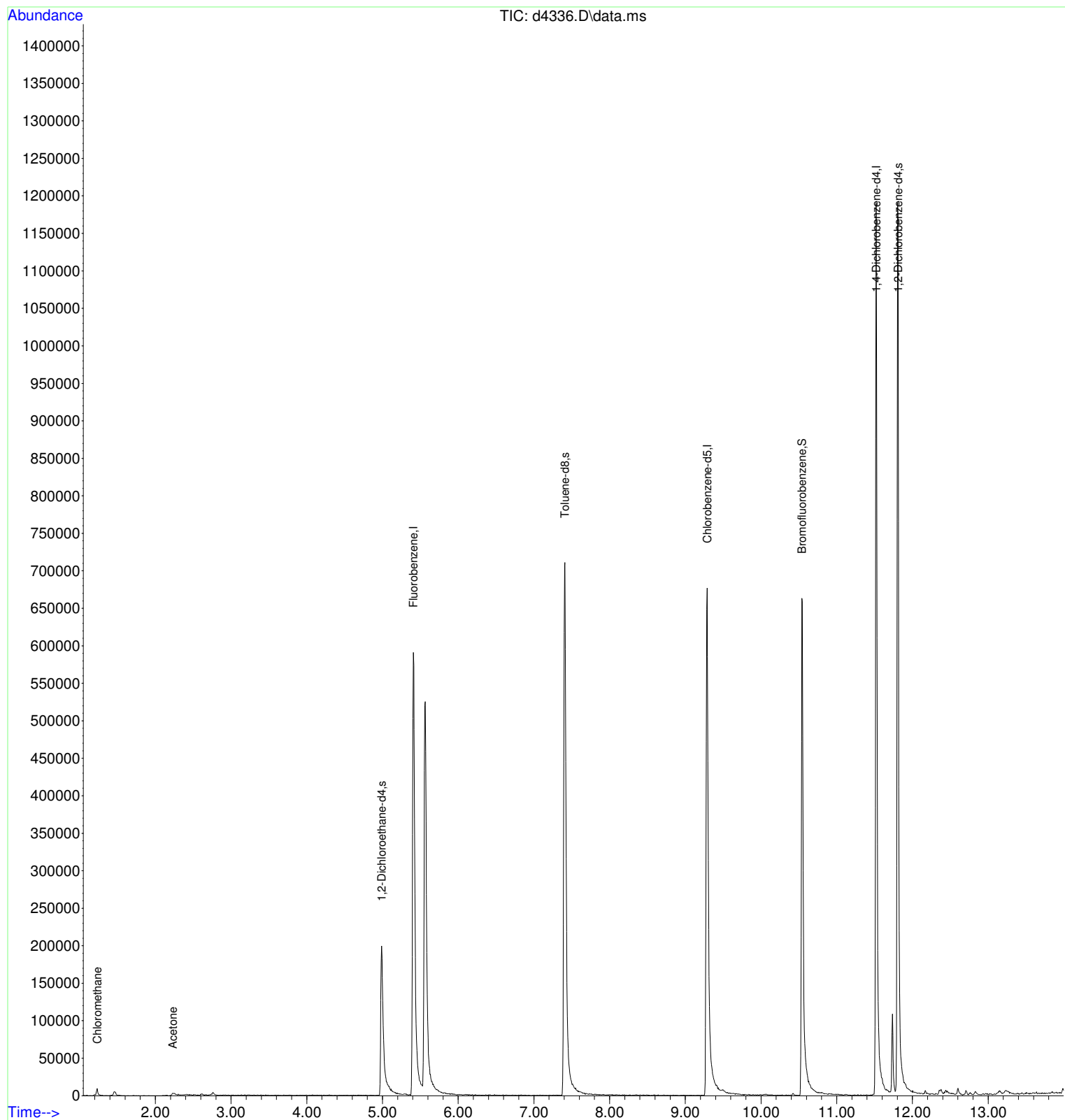
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

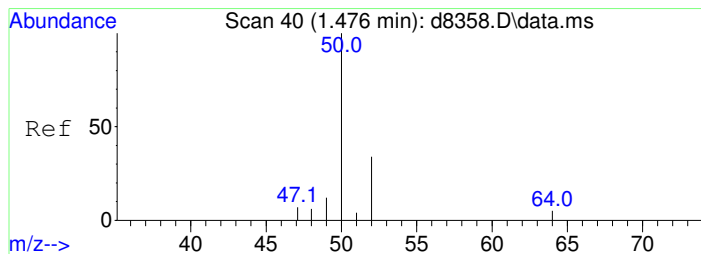
Internal Standards						
1) Fluorobenzene	5.407	96	661503	50.00	ug	0.00
26) Chlorobenzene-d5	9.287	117	471155	50.00	ug	0.00
47) 1,4-Dichlorobenzene-d4	11.521	152	292830	50.00	ug	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	4.988	65	172464	48.34	ug	0.00
43) Toluene-d8	7.410	98	621966	48.87	ug	0.00
62) Bromofluorobenzene	10.540	95	235094	47.73	ug	0.00
76) 1,2-Dichlorobenzene-d4	11.809	150	458249	45.90	ug	0.00
Target Compounds						Qvalue
3) Chloromethane	1.231	50	8164	2.14	ug	96
11) Acetone	2.230	43	3751	1.81	ug	# 44
13) Methylene Chloride	2.608	84	396	Below Cal	#	1

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

Data Path : C:\msdchem\1\data\090424\
Data File : d4336.D
Acq On : 4 Sep 2024 6:07 pm
Operator :
Sample : 240823014-002b
Misc : samp
ALS Vial : 15 Sample Multiplier: 1

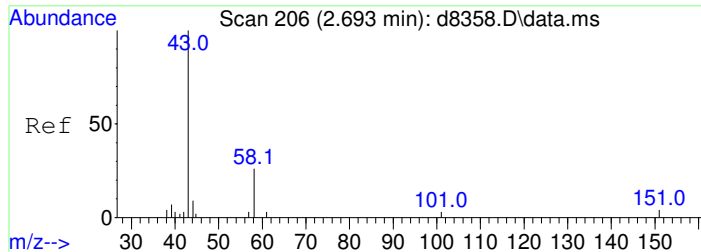
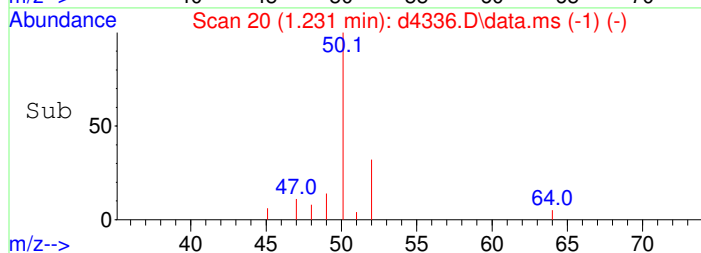
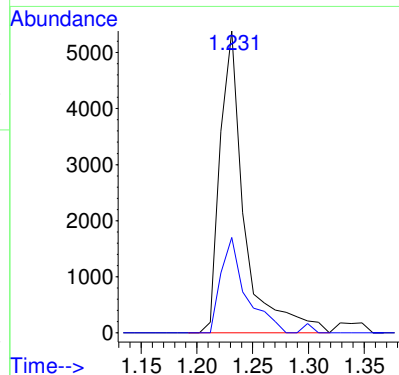
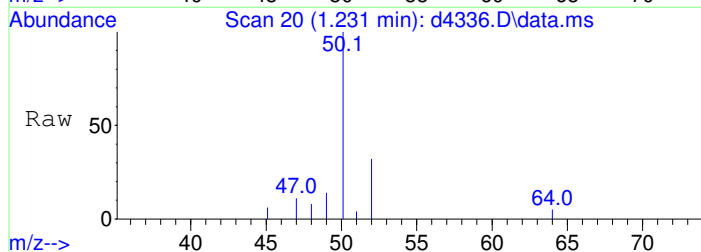
Quant Time: Sep 06 09:38:53 2024
Quant Method : C:\msdchem\1\QTmethods\11clp-082824.M
Quant Title : Voa Calibration 524/8260 Water
QLast Update : Thu Aug 29 13:49:31 2024
Response via : Initial Calibration





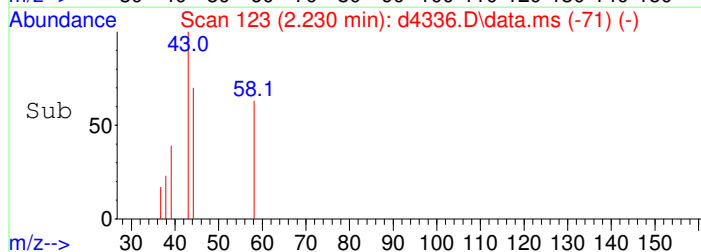
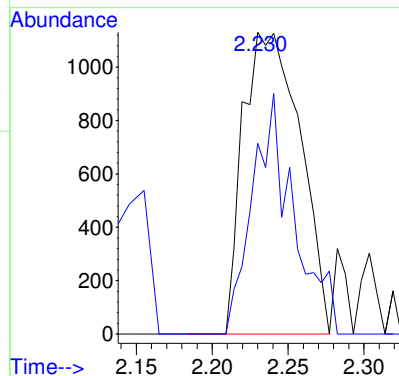
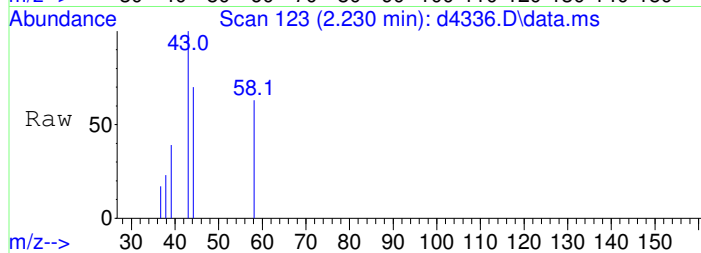
#3
Chloromethane
Concen: 2.14 ug
RT: 1.231 min Scan# 20
Delta R.T. 0.009 min
Lab File: d4336.D
Acq: 4 Sep 2024 6:07 pm

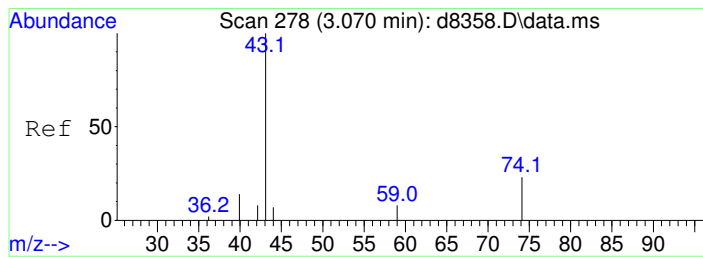
Tgt Ion	50	52	Resp	100	32.3	Lower	24.1	Upper	36.1
Ion Ratio									



#11
Acetone
Concen: 1.81 ug
RT: 2.230 min Scan# 123
Delta R.T. 0.005 min
Lab File: d4336.D
Acq: 4 Sep 2024 6:07 pm

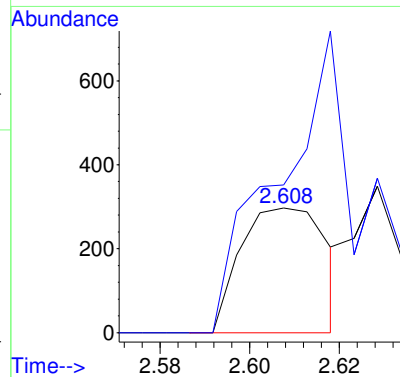
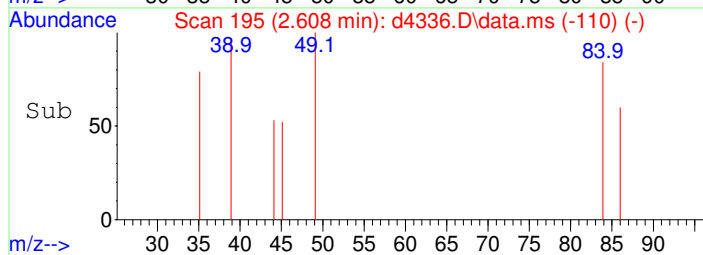
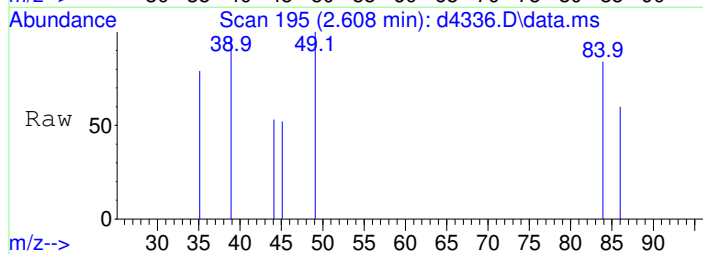
Tgt Ion	43	58	Resp	100	55.6	Lower	6.9	Upper	46.9#
Ion Ratio									





#13
Methylene Chloride
Concen: Below Cal
RT: 2.608 min Scan# 195
Delta R.T. 0.006 min
Lab File: d4336.D
Acq: 4 Sep 2024 6:07 pm

Tgt Ion: 84 Resp: 396
Ion Ratio Lower Upper
84 100
49 244.2 82.9 122.9#



Analyst:

D2/KLN

Standards:

VOA17-28A(B11/S)

9163A

Date:

9/4/24

VOA17-30A, 30C

Vial 1 used for samples
unless otherwise noted below

A/S Pos.	File ID	Sample ID	DF	pH	QT Method	Review	Upload	QA/QC Checks			Comments
								Surr Check	IS Check	Res. Ch ₂	
B	D4317	BFB				✓	✓				saved 11:06am
1	18	CCV				✓		OK	OK		
2	19	LCS				✓		OK	OK		
B3	20	ATE LCS				✓	✓	OK	OK		still high
B	21	V51K									
B	22	V51K									
4	23	V51K				✓	✓	OK	OK		
5	24	870	X50M		601-624-						
B	25	V51K			82601-082824						
B	26	V51K			①						
6	27	V51K									
7	28	0822-109-1A		1		✓	✓	OK	OK	N	624
8	29	2A		1		✓	✓	OK	OK	N	
9	30	3A		1		✓	✓	OK	OK	N	
10	31	0904-12-1B		1		✓	✓	OK	OK	N	601/602
11	32	0823-14-5A		1	UCLP-0824	✓	✓	OK	OK	N	VCLP-LC
12	33	1b		1	②	✓	✓	OK	OK	N	i-PH
13	34	3b		1		✓	✓	OK	OK	N	
14	35	4b		1		✓	✓	OK	OK	N	
15	36	2b		1		✓	✓	OK	OK	N	
16	37	0828-50-4A			①	✓		OK	OK		e 8260W
17	38	0826-10-2A	X5	3	①	✓	✓	OK	OK	N	e 624
18	39	1A	X10	12	①	✓	✓	OK	OK	N	check 3 dl
19	40	0822-33-1E	X250								X25M X10A/S
20	41	0903-25-2A	X5								
21	42	1A	X10								
22	43	0903-73-5A	X50								did not run
23	44	0903-79-5A	X50								
B	45	V61K									
24	46	0823-14-26MS									
25	47	26MSD									

REVIEW

DATE

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 11:11:00 AM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:11:00 AM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:11:00 AM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:11:00 AM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Isophorone	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 11:11:00 AM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Hexachlorocyclopentadiene	ND	5.0	S	µg/L	1	9/6/2024 11:11:00 AM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 11:11:00 AM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-1
Collection Date: 8/22/2024 2:00:00 PM
Lab Sample ID: 240823014-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Fluorene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:11:00 AM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 11:11:00 AM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Anthracene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Carbazole	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Pyrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
3,3'-Dichlorobenzidene	ND	40		µg/L	1	9/6/2024 11:11:00 AM
Benz(a)anthracene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Chrysene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 11:11:00 AM
Surr: 2,4,6-Tribromophenol	2.84	31.4-137	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: 2-Fluorobiphenyl	5.12	37.9-127	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: 2-Fluorophenol	0.680	23.4-95.6	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: 4-Terphenyl-d14	33.4	41.4-132	S	%REC	1	9/6/2024 11:11:00 AM
Surr: Nitrobenzene-d5	1.56	36.9-118	JS	%REC	1	9/6/2024 11:11:00 AM
Surr: Phenol-d5	1.22	11.9-92.7	JS	%REC	1	9/6/2024 11:11:00 AM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 11:38:00 AM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:38:00 AM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:38:00 AM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 11:38:00 AM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Isophorone	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 11:38:00 AM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Hexachlorocyclopentadiene	ND	5.0	SN	µg/L	1	9/6/2024 11:38:00 AM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 11:38:00 AM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Fluorene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 11:38:00 AM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 11:38:00 AM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Anthracene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Carbazole	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Pyrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
3,3'-Dichlorobenzidene	ND	40		µg/L	1	9/6/2024 11:38:00 AM
Benz(a)anthracene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Chrysene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 11:38:00 AM
Surr: 2,4,6-Tribromophenol	68.5	31.4-137		%REC	1	9/6/2024 11:38:00 AM
Surr: 2-Fluorobiphenyl	62.3	37.9-127		%REC	1	9/6/2024 11:38:00 AM
Surr: 2-Fluorophenol	49.4	23.4-95.6		%REC	1	9/6/2024 11:38:00 AM
Surr: 4-Terphenyl-d14	68.9	41.4-132		%REC	1	9/6/2024 11:38:00 AM
Surr: Nitrobenzene-d5	56.6	36.9-118		%REC	1	9/6/2024 11:38:00 AM
Surr: Phenol-d5	22.5	11.9-92.7		%REC	1	9/6/2024 11:38:00 AM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 12:05:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:05:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:05:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:05:00 PM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Isophorone	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 12:05:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Hexachlorocyclopentadiene	ND	5.0	S	µg/L	1	9/6/2024 12:05:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 12:05:00 PM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: MW-2 Duplicate
Collection Date: 8/22/2024 2:45:00 PM
Lab Sample ID: 240823014-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Fluorene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:05:00 PM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 12:05:00 PM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Anthracene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Carbazole	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Pyrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
3,3'-Dichlorobenzidene	ND	40		µg/L	1	9/6/2024 12:05:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Chrysene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 12:05:00 PM
Surr: 2,4,6-Tribromophenol	59.0	31.4-137		%REC	1	9/6/2024 12:05:00 PM
Surr: 2-Fluorobiphenyl	56.9	37.9-127		%REC	1	9/6/2024 12:05:00 PM
Surr: 2-Fluorophenol	45.7	23.4-95.6		%REC	1	9/6/2024 12:05:00 PM
Surr: 4-Terphenyl-d14	67.0	41.4-132		%REC	1	9/6/2024 12:05:00 PM
Surr: Nitrobenzene-d5	51.0	36.9-118		%REC	1	9/6/2024 12:05:00 PM
Surr: Phenol-d5	47.5	11.9-92.7		%REC	1	9/6/2024 12:05:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
Phenol	ND	5.0	S	µg/L	1	9/6/2024 12:33:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:33:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:33:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	9/6/2024 12:33:00 PM
2-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,2-Oxybis(1-chloropropane)	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Methylphenol & 3-Methylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Hexachloroethane	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Nitrobenzene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Isophorone	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dimethylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Naphthalene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Chloroaniline	ND	5.0	S	µg/L	1	9/6/2024 12:33:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Hexachlorocyclopentadiene	ND	5.0	S	µg/L	1	9/6/2024 12:33:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4,5-Trichlorophenol	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Acenaphthylene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,6-Dinitrotoluene	ND	6.0		µg/L	1	9/6/2024 12:33:00 PM
3-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Acenaphthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dinitrophenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
4-Nitrophenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Dibenzofuran	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 13-Sep-24

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Reference: Catskill / Catskill MGP
PO#:

Client Sample ID: Field Blank
Collection Date: 8/22/2024 2:10:00 PM
Lab Sample ID: 240823014-004
Matrix: FIELD BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: MT
(Prep: SW3535A - 8/29/2024)						
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Fluorene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Nitroaniline	ND	25		µg/L	1	9/6/2024 12:33:00 PM
4,6-Dinitro-2-methylphenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Pentachlorophenol	ND	25		µg/L	1	9/6/2024 12:33:00 PM
Phenanthrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Anthracene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Carbazole	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Di-n-butyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Pyrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
3,3'-Dichlorobenzidene	ND	40		µg/L	1	9/6/2024 12:33:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Chrysene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	9/6/2024 12:33:00 PM
Surr: 2,4,6-Tribromophenol	76.7	31.4-137		%REC	1	9/6/2024 12:33:00 PM
Surr: 2-Fluorobiphenyl	71.7	37.9-127		%REC	1	9/6/2024 12:33:00 PM
Surr: 2-Fluorophenol	56.6	23.4-95.6		%REC	1	9/6/2024 12:33:00 PM
Surr: 4-Terphenyl-d14	75.5	41.4-132		%REC	1	9/6/2024 12:33:00 PM
Surr: Nitrobenzene-d5	62.9	36.9-118		%REC	1	9/6/2024 12:33:00 PM
Surr: Phenol-d5	19.9	11.9-92.7		%REC	1	9/6/2024 12:33:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT**BatchID: 111118A**

mblk	SeqNo: 3865515	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: mb-111118	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.0									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,2-Oxybis(1-chloropropane)	ND	5.0									
2,4,5-Trichlorophenol	ND	5.0									
2,4,6-Trichlorophenol	ND	5.0									
2,4-Dichlorophenol	ND	5.0									
2,4-Dimethylphenol	ND	5.0									
2,4-Dinitrophenol	ND	25									
2,4-Dinitrotoluene	ND	5.0									
2,6-Dinitrotoluene	ND	6.0									
2-Chloronaphthalene	ND	5.0									
2-Chlorophenol	ND	5.0									
2-Methylnaphthalene	ND	5.0									
2-Methylphenol	ND	5.0									
2-Nitroaniline	ND	25									
2-Nitrophenol	ND	5.0									
3,3'-Dichlorobenzidine	ND	40									
3-Nitroaniline	ND	25									
4,6-Dinitro-2-methylphenol	ND	25									
4-Bromophenyl phenyl ether	ND	5.0									
4-Chloro-3-methylphenol	ND	5.0									
4-Chloroaniline	ND	5.0									
4-Chlorophenyl phenyl ether	ND	5.0									
4-Methylphenol & 3-Methylphenol	ND	5.0									
4-Nitroaniline	ND	25									
4-Nitrophenol	ND	25									
Acenaphthene	ND	5.0									
Acenaphthylene	ND	5.0									
Anthracene	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 111118A

mbk	SeqNo: 3865515	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: mb-111118	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Benz(a)anthracene	ND	5.0									
Benzo(a)pyrene	ND	5.0									
Benzo(b)fluoranthene	ND	5.0									
Benzo(g,h,i)perylene	ND	5.0									
Benzo(k)fluoranthene	ND	5.0									
Bis(2-chloroethoxy)methane	ND	5.0									
Bis(2-chloroethyl)ether	ND	5.0									
Bis(2-ethylhexyl)phthalate	ND	5.0									
Butyl benzyl phthalate	ND	5.0									
Carbazole	ND	5.0									
Chrysene	ND	5.0									
Dibenz(a,h)anthracene	ND	5.0									
Dibenzofuran	ND	5.0									
Diethyl phthalate	ND	5.0									
Dimethyl phthalate	ND	5.0									
Di-n-butyl phthalate	ND	5.0									
Di-n-octyl phthalate	ND	5.0									
Fluoranthene	ND	5.0									
Fluorene	ND	5.0									
Hexachlorobenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Hexachlorocyclopentadiene	ND	5.0									
Hexachloroethane	ND	5.0									
Indeno(1,2,3-cd)pyrene	ND	5.0									
Isophorone	ND	5.0									
Naphthalene	ND	5.0									
Nitrobenzene	ND	5.0									
N-Nitrosodi-n-propylamine	ND	5.0									
N-Nitrosodiphenylamine	ND	5.0									
Pentachlorophenol	ND	25									
Phenanthrene	ND	5.0									
Phenol	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 11118A

mbkl	SeqNo: 3865515	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: mb-111118	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Pyrene	ND	5.0									
Surr: 2,4,6-Tribromophenol	28.7	5.0	50	0	57.4	31.4	137	0	0		
Surr: 2-Fluorobiphenyl	13.48	5.0	25	0	53.9	37.9	127	0	0		
Surr: 2-Fluorophenol	14.28	5.0	50	0	28.6	23.4	95.6	0	0		
Surr: 4-Terphenyl-d14	14.41	5.0	25	0	57.6	41.4	132	0	0		
Surr: Nitrobenzene-d5	12.17	5.0	25	0	48.7	36.9	118	0	0		
Surr: Phenol-d5	10.53	5.0	50	0	21.1	11.9	92.7	0	0		

lcs	SeqNo: 3865516	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: lcs-111118	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
1,2,4-Trichlorobenzene	28.58	5.0	50	0	57.2	50.4	111	0	0		
1,2-Dichlorobenzene	28.28	10	50	0	56.6	48.3	94.4	0	0		
1,3-Dichlorobenzene	27.44	10	50	0	54.9	47.2	91.2	0	0		
1,4-Dichlorobenzene	27.4	10	50	0	54.8	48	102	0	0		
2,2-Oxybis(1-chloropropane)	38.25	5.0	50	0	76.5	52	127	0	0		
2,4,5-Trichlorophenol	34.59	5.0	50	0	69.2	43.5	112	0	0		
2,4,6-Trichlorophenol	30.86	5.0	50	0	61.7	44.1	102	0	0		
2,4-Dichlorophenol	32.73	5.0	50	0	65.5	43.6	110	0	0		
2,4-Dimethylphenol	34.42	5.0	50	0	68.8	46.8	127	0	0		
2,4-Dinitrophenol	41.92	25	50	0	83.8	35.9	124	0	0		
2,4-Dinitrotoluene	34.33	5.0	50	0	68.7	45.7	115	0	0		
2,6-Dinitrotoluene	36.01	6.0	50	0	72	56.9	105	0	0		
2-Chloronaphthalene	30.21	5.0	50	0	60.4	49.2	116	0	0		
2-Chlorophenol	30.02	5.0	50	0	60	42.2	106	0	0		
2-Methylnaphthalene	30.11	5.0	50	0	60.2	49.4	100	0	0		
2-Methylphenol	28.52	5.0	50	0	57	41.8	118	0	0		
2-Nitroaniline	29.94	25	50	0	59.9	45	111	0	0		
2-Nitrophenol	29.65	5.0	50	0	59.3	39.1	96	0	0		
3-Nitroaniline	25.84	25	50	0	51.7	40.4	121	0	0		
4,6-Dinitro-2-methylphenol	33.51	25	50	0	67	34.9	100	0	0		
4-Bromophenyl phenyl ether	35.94	5.0	50	0	71.9	51	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 111118A

ICS	SeqNo: 3865516	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: Ics-111118	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
4-Chloro-3-methylphenol	32.28	5.0	50	0	64.6	44.4	106		0	0	
4-Chloroaniline	19.85	5.0	50	0	39.7	40.8	130		0	0	S
4-Chlorophenyl phenyl ether	34.15	5.0	50	0	68.3	55.4	105		0	0	
4-Methylphenol & 3-Methylphenol	30.73	5.0	50	0	61.5	41	119		0	0	
4-Nitroaniline	25.23	25	50	0	50.5	44.7	114		0	0	
4-Nitrophenol	26.46	25	50	0	52.9	34.8	121		0	0	
Acenaphthene	35.31	5.0	50	0	70.6	49.9	116		0	0	
Acenaphthylene	36.15	5.0	50	0	72.3	51.1	119		0	0	
Anthracene	39.95	5.0	50	0	79.9	49.2	111		0	0	
Benz(a)anthracene	33.23	5.0	50	0	66.5	43.2	122		0	0	
Benzo(a)pyrene	35.54	5.0	50	0	71.1	42.8	124		0	0	
Benzo(b)fluoranthene	34.09	5.0	50	0	68.2	40.9	122		0	0	
Benzo(g,h,i)perylene	31.25	5.0	50	0	62.5	40.9	130		0	0	
Benzo(k)fluoranthene	39.09	5.0	50	0	78.2	44.5	123		0	0	
Bis(2-chloroethoxy)methane	32.89	5.0	50	0	65.8	52.7	108		0	0	
Bis(2-chloroethyl)ether	26.95	5.0	50	0	53.9	50.4	120		0	0	
Bis(2-ethylhexyl)phthalate	38.54	5.0	50	0	77.1	43.9	116		0	0	
Butyl benzyl phthalate	37.93	5.0	50	0	75.9	48.2	119		0	0	
Carbazole	34.97	5.0	50	0	69.9	45.7	106		0	0	
Chrysene	35.27	5.0	50	0	70.5	44.6	117		0	0	
Dibenz(a,h)anthracene	34.1	5.0	50	0	68.2	34.3	126		0	0	
Dibenzofuran	32.41	5.0	50	0	64.8	51.7	106		0	0	
Diethyl phthalate	41.75	5.0	50	0	83.5	50.1	110		0	0	
Dimethyl phthalate	35.68	5.0	50	0	71.4	49.1	103		0	0	
Di-n-butyl phthalate	38.01	5.0	50	0	76	46	111		0	0	
Di-n-octyl phthalate	42.32	5.0	50	0	84.6	47.4	124		0	0	
Fluoranthene	36.68	5.0	50	0	73.4	43.3	114		0	0	
Fluorene	34.16	5.0	50	0	68.3	54.4	107		0	0	
Hexachlorobenzene	34.89	5.0	50	0	69.8	48.4	107		0	0	
Hexachlorobutadiene	23.62	5.0	50	0	47.2	36.8	111		0	0	
Hexachlorocyclopentadiene	13.57	5.0	50	0	27.1	34	127		0	0	S
Hexachloroethane	27.14	5.0	50	0	54.3	41	106		0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 11118A

Ics	SeqNo: 3865516	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: Ics-111118	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	36.48	5.0	50	0	73	42.1	128		0	0	
Isophorone	43.55	5.0	50	0	87.1	59.8	127		0	0	
Naphthalene	31.05	5.0	50	0	62.1	46.2	100		0	0	
Nitrobenzene	32.75	5.0	50	0	65.5	47.2	110		0	0	
N-Nitrosodi-n-propylamine	28.56	5.0	50	0	57.1	49	119		0	0	
N-Nitrosodiphenylamine	43.02	5.0	50	0	86	53.8	127		0	0	
Pentachlorophenol	39.54	25	50	0	79.1	42.3	135		0	0	
Phenanthrene	35.47	5.0	50	0	70.9	46.9	108		0	0	
Phenol	12.26	5.0	50	0	24.5	29.2	104		0	0	S
Pyrene	37.51	5.0	50	0	75	46	116		0	0	
Surr: 2,4,6-Tribromophenol	34.63	5.0	50	0	69.3	31.4	137		0	0	
Surr: 2-Fluorobiphenyl	15.47	5.0	25	0	61.9	37.9	127		0	0	
Surr: 2-Fluorophenol	14.4	5.0	50	0	28.8	23.4	95.6		0	0	
Surr: 4-Terphenyl-d14	16.49	5.0	25	0	66	41.4	132		0	0	
Surr: Nitrobenzene-d5	13.94	5.0	25	0	55.8	36.9	118		0	0	
Surr: Phenol-d5	12.77	5.0	50	0	25.5	11.9	92.7		0	0	

ms	SeqNo: 3865521	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: 240823014-002a (MW-2)	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
1,2,4-Trichlorobenzene	28.27	5.0	50	0	56.5	41.7	120		0	0	
1,2-Dichlorobenzene	27	10	50	0	54	30	110		0	0	
1,3-Dichlorobenzene	25.85	10	50	0	51.7	27.5	110		0	0	
1,4-Dichlorobenzene	25.69	10	50	0	51.4	41.4	115		0	0	
2,2-Oxybis(1-chloropropane)	36.14	5.0	50	0	72.3	38.4	120		0	0	
2,4,5-Trichlorophenol	38.59	5.0	50	0	77.2	48.5	106		0	0	
2,4,6-Trichlorophenol	35.74	5.0	50	0	71.5	21.9	109		0	0	
2,4-Dichlorophenol	34.97	5.0	50	0	69.9	54.4	103		0	0	
2,4-Dimethylphenol	36.85	5.0	50	0	73.7	42.5	121		0	0	
2,4-Dinitrophenol	49.91	25	50	0	99.8	30	110		0	0	
2,4-Dinitrotoluene	40.11	5.0	50	0	80.2	28.4	118		0	0	
2,6-Dinitrotoluene	39.49	6.0	50	0	79	38.7	120		0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 111118A

ms	SeqNo: 3865521	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: 240823014-002a (MW-2)	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
2-Chloronaphthalene	33.37	5.0	50	0	66.7	28.6	110		0	0	
2-Chlorophenol	34.34	5.0	50	0	68.7	31.6	113		0	0	
2-Methylnaphthalene	34.88	5.0	50	0	69.8	41	117		0	0	
2-Methylphenol	36.79	5.0	50	0	73.6	44.2	103		0	0	
2-Nitroaniline	35.61	25	50	0	71.2	34.1	115		0	0	
2-Nitrophenol	32.82	5.0	50	0	65.6	42.7	119		0	0	
3-Nitroaniline	33.84	25	50	0	67.7	46.6	106		0	0	
4,6-Dinitro-2-methylphenol	42.35	25	50	0	84.7	22	111		0	0	
4-Bromophenyl phenyl ether	38.52	5.0	50	0	77	46.8	115		0	0	
4-Chloro-3-methylphenol	38.41	5.0	50	0	76.8	41	116		0	0	
4-Chloroaniline	24.24	5.0	50	0	48.5	40.5	110		0	0	
4-Chlorophenyl phenyl ether	38.92	5.0	50	0	77.8	30.3	112		0	0	
4-Nitroaniline	38.26	25	50	0	76.5	49.7	135		0	0	
4-Nitrophenol	31.87	25	50	0	63.7	20	141		0	0	
Acenaphthene	40.01	5.0	50	0	80	48	112		0	0	
Acenaphthylene	39.73	5.0	50	0	79.5	47.5	106		0	0	
Anthracene	44.04	5.0	50	0	88.1	44	123		0	0	
Benz(a)anthracene	37.09	5.0	50	0	74.2	47.3	127		0	0	
Benzo(a)pyrene	39.61	5.0	50	0	79.2	44.6	113		0	0	
Benzo(b)fluoranthene	39.95	5.0	50	0	79.9	46.5	114		0	0	
Benzo(g,h,i)perylene	34.61	5.0	50	0	69.2	36.7	128		0	0	
Benzo(k)fluoranthene	43.6	5.0	50	0	87.2	43	116		0	0	
Bis(2-chloroethoxy)methane	34.93	5.0	50	0	69.9	34.5	110		0	0	
Bis(2-chloroethyl)ether	28.25	5.0	50	0	56.5	31.1	131		0	0	
Bis(2-ethylhexyl)phthalate	41.77	5.0	50	0	83.5	21.7	120		0	0	
Butyl benzyl phthalate	41.37	5.0	50	0	82.7	43	121		0	0	
Carbazole	40.69	5.0	50	0	81.4	37.3	119		0	0	
Chrysene	39.5	5.0	50	0	79	43	128		0	0	
Dibenz(a,h)anthracene	38.39	5.0	50	0	76.8	38	124		0	0	
Dibenzofuran	36.88	5.0	50	0	73.8	30	110		0	0	
Diethyl phthalate	40.55	5.0	50	0	81.1	49.3	118		0	0	
Dimethyl phthalate	40.22	5.0	50	0	80.4	50	113		0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 11118A

ms	SeqNo: 3865521	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: 240823014-002a (MW-2)	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Di-n-butyl phthalate	42.53	5.0	50	0	85.1	47.3	127		0	0	
Di-n-octyl phthalate	45.35	5.0	50	0	90.7	34.9	101		0	0	
Fluoranthene	42.71	5.0	50	0	85.4	46.4	123		0	0	
Fluorene	39.09	5.0	50	0	78.2	49.7	116		0	0	
Hexachlorobenzene	38.56	5.0	50	0	77.1	42.9	122		0	0	
Hexachlorobutadiene	23.62	5.0	50	0	47.2	30.8	105		0	0	
Hexachlorocyclopentadiene	19.17	5.0	50	0	38.3	39.7	105		0	0	S
Hexachloroethane	24.12	5.0	50	0	48.2	28.2	109		0	0	
Indeno(1,2,3-cd)pyrene	41.6	5.0	50	0	83.2	39.5	118		0	0	
Isophorone	44.78	5.0	50	0	89.6	42.8	122		0	0	
Naphthalene	31.28	5.0	50	0	62.6	38	126		0	0	
Nitrobenzene	33.32	5.0	50	0	66.6	41.5	116		0	0	
N-Nitrosodi-n-propylamine	31.89	5.0	50	0	63.8	38.5	110		0	0	
N-Nitrosodiphenylamine	46.31	5.0	50	0	92.6	43.1	137		0	0	
Pentachlorophenol	44.47	25	50	0	88.9	30	122		0	0	
Phenanthrene	39.61	5.0	50	0	79.2	44.7	126		0	0	
Phenol	26.87	5.0	50	0	53.7	21	129		0	0	
Pyrene	40.34	5.0	50	0	80.7	43.2	126		0	0	
Surr: 2,4,6-Tribromophenol	37.48	5.0	50	0	75	31.4	137		0	0	
Surr: 2-Fluorobiphenyl	16.11	5.0	25	0	64.4	37.9	127		0	0	
Surr: 2-Fluorophenol	25.51	5.0	50	0	51	23.4	95.6		0	0	
Surr: 4-Terphenyl-d14	17.81	5.0	25	0	71.2	41.4	132		0	0	
Surr: Nitrobenzene-d5	14.06	5.0	25	0	56.2	36.9	118		0	0	
Surr: Phenol-d5	30.92	5.0	50	0	61.8	11.9	92.7		0	0	

msd	SeqNo: 3865522	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: 240823014-002a (MW-2)	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
1,2,4-Trichlorobenzene	26.4	5.0	50	0	52.8	41.7	120	28.27	6.84	19.4	
1,2-Dichlorobenzene	26.04	10	50	0	52.1	30	110	27	3.62	0	
1,3-Dichlorobenzene	23.94	10	50	0	47.9	27.5	110	25.85	7.67	0	
1,4-Dichlorobenzene	24.05	10	50	0	48.1	41.4	115	25.69	6.59	20.1	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 111118A

msd	SeqNo: 3865522	PrepDate:8/29/2024	TestNo: SW8270D	RunNo: 237135
	Samp ID: 240823014-002a (MW-2)	PrepRef:	Units: µg/L	Analysis Date: 9/6/2024

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
2,2-Oxybis(1-chloropropane)	34.82	5.0	50	0	69.6	38.4	120	36.14	3.72	30	
2,4,5-Trichlorophenol	33.18	5.0	50	0	66.4	48.5	106	38.59	15.1	28.4	
2,4,6-Trichlorophenol	29.22	5.0	50	0	58.4	21.9	109	35.74	20.1	27.7	
2,4-Dichlorophenol	33.23	5.0	50	0	66.5	54.4	103	34.97	5.10	26.3	
2,4-Dimethylphenol	36	5.0	50	0	72	42.5	121	36.85	2.33	21.6	
2,4-Dinitrophenol	22.9	25	50	0	45.8	30	110	49.91	0	31.1	J
2,4-Dinitrotoluene	37.57	5.0	50	0	75.1	28.4	118	40.11	6.54	27.5	
2,6-Dinitrotoluene	37.56	6.0	50	0	75.1	38.7	120	39.49	5.01	23.1	
2-Chloronaphthalene	31.98	5.0	50	0	64	28.6	110	33.37	4.25	17.3	
2-Chlorophenol	30.93	5.0	50	0	61.9	31.6	113	34.34	10.4	26.1	
2-Methylnaphthalene	33.47	5.0	50	0	66.9	41	117	34.88	4.13	17.4	
2-Methylphenol	35.27	5.0	50	0	70.5	44.2	103	36.79	4.22	32.2	
2-Nitroaniline	33.43	25	50	0	66.9	34.1	115	35.61	6.32	21.5	
2-Nitrophenol	29.91	5.0	50	0	59.8	42.7	119	32.82	9.28	29	
3-Nitroaniline	31.69	25	50	0	63.4	46.6	106	33.84	6.56	19.9	
4,6-Dinitro-2-methylphenol	8.26	25	50	0	16.5	22	111	42.35	0	24.7	JS
4-Bromophenyl phenyl ether	37.25	5.0	50	0	74.5	46.8	115	38.52	3.35	25.6	
4-Chloro-3-methylphenol	34.24	5.0	50	0	68.5	41	116	38.41	11.5	31.3	
4-Chloroaniline	24.99	5.0	50	0	50	40.5	110	24.24	3.05	22.8	
4-Chlorophenyl phenyl ether	36.74	5.0	50	0	73.5	30.3	112	38.92	5.76	45.2	
4-Nitroaniline	34.41	25	50	0	68.8	49.7	135	38.26	10.6	24.4	
4-Nitrophenol	23.26	25	50	0	46.5	20	141	31.87	0	31.9	J
Acenaphthene	38.05	5.0	50	0	76.1	48	112	40.01	5.02	36.7	
Acenaphthylene	38	5.0	50	0	76	47.5	106	39.73	4.45	28.8	
Anthracene	40.84	5.0	50	0	81.7	44	123	44.04	7.54	33.4	
Benz(a)anthracene	35.18	5.0	50	0	70.4	47.3	127	37.09	5.29	37.1	
Benzo(a)pyrene	37.86	5.0	50	0	75.7	44.6	113	39.61	4.52	37	
Benzo(b)fluoranthene	37.37	5.0	50	0	74.7	46.5	114	39.95	6.67	39.5	
Benzo(g,h,i)perylene	33.11	5.0	50	0	66.2	36.7	128	34.61	4.43	46.8	
Benzo(k)fluoranthene	41.89	5.0	50	0	83.8	43	116	43.6	4.00	36.5	
Bis(2-chloroethoxy)methane	33.92	5.0	50	0	67.8	34.5	110	34.93	2.93	20.8	
Bis(2-chloroethyl)ether	27.38	5.0	50	0	54.8	31.1	131	28.25	3.13	22.5	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Central Hudson Gas & Electric
Work Order: 240823014
Project: Catskill

ANALYTICAL QC SUMMARY REPORT

BatchID: 111118A

msd	SeqNo: 3865522		PrepDate:8/29/2024			TestNo: SW8270D			RunNo: 237135		
	Samp ID: 240823014-002a (MW-2)		PrepRef:			Units: µg/L			Analysis Date: 9/6/2024		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Bis(2-ethylhexyl)phthalate	39.74	5.0	50	0	79.5	21.7	120	41.77	4.98	33.7	
Butyl benzyl phthalate	40.05	5.0	50	0	80.1	43	121	41.37	3.24	31.3	
Carbazole	38.45	5.0	50	0	76.9	37.3	119	40.69	5.66	23.3	
Chrysene	37.82	5.0	50	0	75.6	43	128	39.5	4.35	39.6	
Dibenz(a,h)anthracene	36.52	5.0	50	0	73	38	124	38.39	4.99	45.7	
Dibenzofuran	35.59	5.0	50	0	71.2	30	110	36.88	3.56	26.3	
Diethyl phthalate	37.88	5.0	50	0	75.8	49.3	118	40.55	6.81	22.7	
Dimethyl phthalate	37.46	5.0	50	0	74.9	50	113	40.22	7.11	16.8	
Di-n-butyl phthalate	40.05	5.0	50	0	80.1	47.3	127	42.53	6.01	36.6	
Di-n-octyl phthalate	42.89	5.0	50	0	85.8	34.9	101	45.35	5.58	26.2	
Fluoranthene	40.42	5.0	50	0	80.8	46.4	123	42.71	5.51	34.9	
Fluorene	36.99	5.0	50	0	74	49.7	116	39.09	5.52	39.4	
Hexachlorobenzene	36.85	5.0	50	0	73.7	42.9	122	38.56	4.54	42.1	
Hexachlorobutadiene	21.88	5.0	50	0	43.8	30.8	105	23.62	7.65	30.6	
Hexachlorocyclopentadiene	17.67	5.0	50	0	35.3	39.7	105	19.17	8.14	29.1	S
Hexachloroethane	21.7	5.0	50	0	43.4	28.2	109	24.12	10.6	33.2	
Indeno(1,2,3-cd)pyrene	40.59	5.0	50	0	81.2	39.5	118	41.6	2.46	45.9	
Isophorone	43.78	5.0	50	0	87.6	42.8	122	44.78	2.26	21.1	
Naphthalene	29.95	5.0	50	0	59.9	38	126	31.28	4.34	39.5	
Nitrobenzene	31.82	5.0	50	0	63.6	41.5	116	33.32	4.61	20.2	
N-Nitrosodi-n-propylamine	30.57	5.0	50	0	61.1	38.5	110	31.89	4.23	28.4	
N-Nitrosodiphenylamine	43.22	5.0	50	0	86.4	43.1	137	46.31	6.90	31.7	
Pentachlorophenol	30.7	25	50	0	61.4	30	122	44.47	36.6	28.9	Z
Phenanthrene	38.12	5.0	50	0	76.2	44.7	126	39.61	3.83	31.2	
Phenol	28.82	5.0	50	0	57.6	21	129	26.87	7.00	26.7	
Pyrene	39.11	5.0	50	0	78.2	43.2	126	40.34	3.10	34.6	
Surr: 2,4,6-Tribromophenol	32.39	5.0	50	0	64.8	31.4	137	0	0	40	
Surr: 2-Fluorobiphenyl	15.06	5.0	25	0	60.2	37.9	127	0	0	40	
Surr: 2-Fluorophenol	25.5	5.0	50	0	51	23.4	95.6	0	0	40	
Surr: 4-Terphenyl-d14	16.88	5.0	25	0	67.5	41.4	132	0	0	40	
Surr: Nitrobenzene-d5	13.44	5.0	25	0	53.8	36.9	118	0	0	40	
Surr: Phenol-d5	23.34	5.0	50	0	46.7	11.9	92.7	0	0	40	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

QC Batch Summary Report

Batch: R237135

Analyst: MT

SampID	SampType	DF	TestName:	Analysis Date/Time:
dftpp	tune	1	EPA-8270	7/19/2024 7:38:00 AM
sstd050	ical	1	EPA-8270	7/19/2024 7:59:00 AM
sstd025	ICAL	1	EPA-8270	7/19/2024 8:39:00 AM
sstd080	ICAL	1	EPA-8270	7/19/2024 9:05:00 AM
sstd120	ICAL	1	EPA-8270	7/19/2024 9:32:00 AM
sstd150	ICAL	1	EPA-8270	7/19/2024 10:00:00 AM
sstd005	ICAL	1	EPA-8270	7/19/2024 10:27:00 AM
dftpp	tune	1	EPA-8270	9/6/2024 8:42:00 AM
sstd080	ccv	1	EPA-8270	9/6/2024 9:04:00 AM
mb-111118	mblk	1	EPA-8270	9/6/2024 10:17:00 AM
lcs-111118	lcs	1	EPA-8270	9/6/2024 10:44:00 AM
240823014-001a	samp	1	EPA-8270	9/6/2024 11:11:00 AM
240823014-002a	samp	1	EPA-8270	9/6/2024 11:38:00 AM
240823014-003a	samp	1	EPA-8270	9/6/2024 12:05:00 PM
240823014-004a	samp	1	EPA-8270	9/6/2024 12:33:00 PM
240823014-002ams	ms	1	EPA-8270	9/6/2024 1:00:00 PM
240823014-002amsd	msd	1	EPA-8270	9/6/2024 1:27:00 PM

Client: Central Hudson Gas & Electric
WorkOrder 240823014
Project: Catskill
Test: E8270W

Internal Standard
Summary Report

Batch: 111118A

SampID	Analysis Time	1,4-Dichlorobenzene-d4	Acenaphthene-d10	Chrysene-d12	Naphthalene-d8	Perylene-d12	Phenanthrene-d10
sstd080	9/6/2024 9:04:00 AM	191702 RT: 5.49	479896 RT: 8.45	923781 RT: 12.91	745812 RT: 6.72	990583 RT: 15.53	998724 RT: 9.9
mb-111118	9/6/2024 10:17:00 AM	172638 RT: 5.49	438349 RT: 8.45	826392 RT: 12.91	704167 RT: 6.72	870758 RT: 15.54	873857 RT: 9.9
lcs-111118	9/6/2024 10:44:00 AM	178542 RT: 5.48	402058 RT: 8.45	738555 RT: 12.9	660479 RT: 6.72	755922 RT: 15.53	791442 RT: 9.9
240823014-001A	9/6/2024 11:11:00 AM	130334 RT: 5.49	337274 RT: 8.45	666652 RT: 12.91	534597 RT: 6.72	677093 RT: 15.54	692925 RT: 9.91
240823014-002A	9/6/2024 11:38:00 AM	176431 RT: 5.49	431548 RT: 8.45	831849 RT: 12.91	686574 RT: 6.72	859099 RT: 15.54	877667 RT: 9.91
240823014-003A	9/6/2024 12:05:00 PM	150302 RT: 5.49	384867 RT: 8.45	777881 RT: 12.91	609561 RT: 6.72	801856 RT: 15.54	793578 RT: 9.91
240823014-004A	9/6/2024 12:33:00 PM	146635 RT: 5.49	360376 RT: 8.45	727561 RT: 12.91	579420 RT: 6.72	739856 RT: 15.54	741513 RT: 9.91
240823014-002ams	9/6/2024 1:00:00 PM	154151 RT: 5.48	367053 RT: 8.45	773202 RT: 12.9	589592 RT: 6.72	805856 RT: 15.53	765496 RT: 9.9
240823014-002amsd	9/6/2024 1:27:00 PM	153382 RT: 5.49	373389 RT: 8.45	764624 RT: 12.9	592078 RT: 6.72	796935 RT: 15.53	775444 RT: 9.9

Adirondack Environmental Services, Inc

Date: 13-Sep-24

Test Code: E8270W

Test Number: SW8270D

Test Name: EPA-8270

Matrix: Water

Units: µg/L

METHOD DETECTION / REPORTING LIMITS

Updated: 24-Jan-24

Type	Analyte	MDL	PQL
A	1,1,3,3-Tetramethylbutylphenol		5
A	1,1-Biphenyl		5
A	1,2,4,5-Tetrachlorobenzene		5
A	1,2,4-Trichlorobenzene	3.89	5
A	1,2-Dibromo-3-chloropropane		5
A	1,2-Dichlorobenzene	3.6	10
A	1,2-Dinitrobenzene	0	5
A	1,2-Diphenylhydrazine	0	5
A	1,3-Dichlorobenzene	3.99	10
A	1,3-Dinitrobenzene		5
A	1,4-Dichlorobenzene	3.9	10
A	1,4-Dinitrobenzene		5
A	1,4-Napthoquinone		5
A	1-Acetyl-2-thiourea		5
A	1-Chloronaphthalene		5
A	1-Naphthylamine		5
A	2,2-Oxybis(1-chloropropane)	3.91	5
A	2,3,4,6-Tetrachlorophenol		5
A	2,3,6-Trimethylphenol		5
A	2,4,5-Trichlorophenol	3.72	5
A	2,4,5-Trimethylaniline		5
A	2,4,6-Trichlorophenol	3.42	5
A	2,4,6-Trimethylphenol		5
A	2,4-Diaminotoluene		5
A	2,4-Dichlorophenol	3.41	5
A	2,4-Dimethylphenol	4.65	5
A	2,4-Dinitrophenol	8.18	25
A	2,4-Dinitrotoluene	3.52	5
A	2,5-Dimethylphenol		5
A	2,6-Dichlorophenol		5
A	2,6-Dimethylphenol		5
A	2,6-Dinitrotoluene	4.07	6
A	2,6-Ethylmethylphenol		5
A	2-Acetylaminofluorene		5
A	2-Aminoanthraquinone		5
A	2-Chloronaphthalene	3.68	5
A	2-Chlorophenol	3.01	5
A	2-Cyclohexyl-4-6-dinitrophenol		5
A	2-Methylnaphthalene	3.18	5
A	2-Methylphenol	4.57	5
A	2-Naphthylamine		5
A	2-Nitroaniline		25

Test Code: E8270W

Test Number: SW8270D

Test Name: EPA-8270

Matrix: Water

Units: µg/L

**METHOD DETECTION /
REPORTING LIMITS**

Updated: 24-Jan-24

Type	Analyte	MDL	PQL
A	2-Nitrophenol	3.09	5
A	2-Picoline		5
A	3-(Chloromethyl)pyridine hydrochloride		5
A	3,3'-Dichlorobenzidine	27.38	40
A	3,3'-Dimethoxybenzidine		5
A	3,3'-Dimethylbenzidine		5
A	3-Amino-9-ethylcarbazole		5
A	3-Methylcholanthrene		5
A	3-Methylphenol		5
A	3-Nitroaniline		25
A	4,4'-Methylenebis(2-chloroaniline)		5
A	4,4'-Oxydianiline		5
A	4,6-Dinitro-2-methylphenol	5.35	25
A	4-Aminobiphenyl		5
A	4-Bromophenyl phenyl ether	3.25	5
A	4-Chloro-1,2-phenylenediamine		5
A	4-Chloro-1,3-phenylenediamine		5
A	4-Chloro-3-methylphenol	3.53	5
A	4-Chloroaniline		5
A	4-Chlorophenyl phenyl ether	3.38	5
A	4-Methylphenol	4.53	5
A	4-Methylphenol & 3-Methylphenol	4.53	5
A	4-Nitroaniline		25
A	4-Nitrobiphenyl		5
A	4-Nitrophenol	7.19	25
A	5,5-Diphenylhydantoin		5
A	5-Chloro-2-methylaniline		5
A	5-Nitroacenaphthene		5
A	5-Nitro-o-toluidine		5
A	7,12-Dimethylbenz(a)anthracene		5
A	a,a-Dimethylphenethylamine		5
A	Acenaphthene	3.4	5
A	Acenaphthylene	3.05	5
A	Acetophenone		5
A	Anilazine		5
A	Aniline	5.08	10
A	Anthracene	3.6	5
A	Aramite		5
A	Atrazine		5
A	Azobenzene	4.52	5
A	Barban		5
A	Benz(a)anthracene	2.75	5

Test Code: E8270W

Test Number: SW8270D

Test Name: EPA-8270

Matrix: Water

Units: µg/L

**METHOD DETECTION /
REPORTING LIMITS**

Updated: 24-Jan-24

Type	Analyte	MDL	PQL
A	Benzaldehyde		5
A	Benzidine	32.2	40
A	Benzo(a)pyrene	3.34	5
A	Benzo(b)fluoranthene	3.67	5
A	Benzo(e)pyrene		5
A	Benzo(g,h,i)perylene	4.53	5
A	Benzo(j)fluoranthene		5
A	Benzo(k)fluoranthene	3.6	5
A	Benzo(r,s,t)pentaphene		5
A	Benzoic acid	8.87	25
A	Benothiazole		10
A	Benzyl alcohol	5.71	10
A	Bis(2-chloroethoxy)methane	3.71	5
A	Bis(2-chloroethyl)ether	4.5	5
A	Bis(2-ethylhexyl)phthalate	4.53	5
A	Bisphenol A		5
A	Bromoxynil		5
A	Butyl benzyl phthalate	4.45	5
A	Caprolactam		5
A	Captafol		5
A	Captan		5
A	Carbaryl		5
A	Carbazole	3.32	5
A	Carbofuran		5
A	Carbophenothion		5
A	Chlorfenvinphos		5
A	Chlorobenzilate		5
A	Chrysene	3.82	5
A	Coumaphos		5
A	Crotoxyphos		5
A	Diallate		5
A	Dibenz(a,h)anthracene	3.87	5
A	Dibenz(a,j)acridine		5
A	Dibenzo(a,e)fluoranthene		5
A	Dibenzo(a,e)pyrene		5
A	Dibenzo(a,h)pyrene		5
A	Dibenzo(a,l)pyrene		5
A	Dibenzofuran	2.72	5
A	Dichlone		5
A	Dichlorovos		5
A	Dicrotophos		5
A	Diethyl phthalate	3.04	5

Test Code: E8270W

Test Number: SW8270D

Test Name: EPA-8270

Matrix: Water

Units: µg/L

**METHOD DETECTION /
REPORTING LIMITS**

Updated: 24-Jan-24

Type	Analyte	MDL	PQL
A	Diethyl sulfate		5
A	Diethylstilbestrol		5
A	Dimethoate		5
A	Dimethyl phthalate	3.46	5
A	Di-n-butyl phthalate	3.81	5
A	Dinocap		5
A	Di-n-octyl phthalate	3.95	5
A	Dinoseb		5
A	Dioxathion		5
A	Diphenylamine		5
A	Disulfoton		5
A	EPN		5
A	Ethion		5
A	Ethyl carbamate		5
A	Ethyl methanesulfonate		5
A	Famphur		5
A	Fensulfothion		5
A	Fenthion		5
A	Fluchloralin		5
A	Fluoranthene	3.01	5
A	Fluorene	2.85	5
A	Hexachlorobenzene	3.17	5
A	Hexachlorobutadiene	4.01	5
A	Hexachlorocyclopentadiene	4.51	5
A	Hexachloroethane	3.76	5
A	Hexachlorophene		5
A	Hexachloropropene		5
A	Hexamethylbenzene		10
A	Hexamethylcyclotrisiloxane		5
A	Hexamethylphosphoramide		5
A	Hydroquinone		500
A	Indeno(1,2,3-cd)pyrene	2.89	5
A	Isodrin		5
A	Isophorone	4.41	5
A	Isosafrole		5
A	Kepone		5
A	Leptophos		5
A	Malathion		5
A	Maleic anhydride		5
A	Mestranol		5
A	Methapyrilene		5
A	Methyl Anthracene		5

Test Code: E8270W

Test Number: SW8270D

Test Name: EPA-8270

Matrix: Water

Units: µg/L

**METHOD DETECTION /
REPORTING LIMITS**

Updated: 24-Jan-24

Type	Analyte	MDL	PQL
A	Methyl methanesulfonate		5
A	Methyl parathion		5
A	Mevinphos		5
A	Mexacarbate		5
A	Mirex		5
A	Monocrotophos		5
A	Naled		5
A	Naphthalene	3.16	5
A	n-decane		10
A	Nicotine		5
A	Nitrobenzene	3.61	5
A	Nitrofen		5
A	N-Nitrosodiethylamine		5
A	N-Nitrosodimethylamine	2.53	10
A	N-Nitroso-di-n-butylamine		5
A	N-Nitrosodi-n-propylamine	3.98	5
A	N-Nitrosodiphenylamine	4.78	5
A	N-Nitrosomethylethylamine		5
A	N-Nitrosomorpholine		5
A	N-Nitrosopiperidine		5
A	N-Nitrosopyrrolidine		5
A	n-Octadecane		10
A	Nonylphenol		5
A	O,O,O-Triethylphosphorothioate		5
A	o-Anisidine		5
A	Octamethyl pyrophosphoramide		5
A	Octamethylcyclotetrasiloxane	0	5
A	Octamethyltrisiloxane	0	5
A	Octylphenol		5
A	o-Toluidine		5
A	p-Aminoazobenzene		5
A	Parathion		5
A	p-Benzoquinone		5
A	p-Cresidine		5
A	p-Dimethylaminoazobenzene		5
A	p-Dioxane		5
A	Pentachlorobenzene		5
A	Pentachloroethane		25
A	Pentachloronitrobenzene		5
A	Pentachlorophenol	8.09	25
A	Phenacetin		5
A	Phenanthrene	2.93	5

Test Code: E8270W

Test Number: SW8270D

Test Name: EPA-8270

Matrix: Water

Units: µg/L

**METHOD DETECTION /
REPORTING LIMITS**

Updated: 24-Jan-24

Type	Analyte	MDL	PQL
A	Phenobarbital		5
A	Phenol	4.55	5
A	Phorate		5
A	Phosalone		5
A	Phosmet		5
A	Phosphamidon		5
A	Phthalic anhydride		5
A	Piperonyl sulfoxide		5
A	p-Phenylenediamine		5
A	Pronamide		5
A	Propythiouracil		5
A	Pyrene	3.08	5
A	Pyridine	4.13	5
A	Resorcinol		5
A	Safrole		5
A	Strychine		5
A	Sulfallate		5
A	Sym-Trinitrobenzene		5
A	Terbufos		5
A	Terpineol		10
A	tert-Butylphenol		5
A	Tetrachlorvinphos		5
A	Tetraethyl dithiopyrophosphate		5
A	Tetraethyl pyrophosphate		5
A	Thionazin		5
A	Thiophenol		5
A	Toluene 2,4-diisocyanate		5
A	Trifluralin		5
A	Trimethyl phosphate		5
A	Tri-p-tolyl phosphate(h)		5
A	Tris(2,3-dibromopropyl) phosphate		5
I	1,4-Dichlorobenzene-d4		0
I	Acenaphthene-d10		0
I	Chrysene-d12		0
I	Naphthalene-d8		0
I	Perylene-d12		0
I	Phenanthrene-d10		0
S	1,2-Dichlorobenzene-d4		5
S	2,4,6-Tribromophenol		5
S	2-Chlorophenol-d4		5
S	2-Fluorobiphenyl		5
S	2-Fluorophenol		5

Test Code: E8270W

Test Number: SW8270D

Test Name: EPA-8270

Matrix: Water **Units:** µg/L

**METHOD DETECTION /
REPORTING LIMITS**

Updated: 24-Jan-24

Type	Analyte	MDL	PQL
S	4-Terphenyl-d14		5
S	Nitrobenzene-d5		5
S	Phenol-d5		5

Method Path : C:\msdchem\2\qtmethode-b\
 Method File : methB071924.M
 Title : e8270 Calibration
 Last Update : Fri Sep 20 11:17:20 2024
 Response Via : Initial Calibration

Calibration Files

50 =b1796.D 80 =b1798.D 120 =b1799.D 25 =b1797.D 5 =b1801.D 150 =b1800.D

Compound		50	80	120	25	5	150	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----							
2) S	2-Fluorophenol	1.280	1.289	1.299	1.246	1.120	1.363	1.266	6.41
3) S	Phenol-d5	1.202	1.258	1.250	1.172	1.004	1.313	1.200	8.96
4)	Pyridine	1.102	1.124	1.117	1.104	0.965	1.159	1.095	6.13
5)	n-Nitrosodimet...	0.649	0.657	0.649	0.660	0.626	0.675	0.653	2.47
6)	Benzaldehyde	1.028	0.999	0.928	1.073	0.912	0.844	0.964	8.76
7)	Aniline	1.548	1.588	1.559	1.552	1.396	1.656	1.550	5.50
8)	Phenol	1.507	1.465	1.468	1.535	1.489	1.513	1.496	1.82
9)	bis(2-Chloroet...	1.179	1.179	1.151	1.127	1.350	1.188	1.196	6.61
10)	2-Chlorophenol	1.237	1.256	1.212	1.243	1.200	1.276	1.237	2.26
11)	1,3-Dichlorobe...	1.436	1.454	1.415	1.447	1.423	1.527	1.450	2.76
12)	1,4-Dichlorobe...	1.554	1.548	1.506	1.536	1.742	1.566	1.575	5.34
13)	Benzyl alcohol	1.086	1.074	1.056	1.086	1.282	1.086	1.112	7.57
14)	1,2-Dichlorobe...	1.448	1.440	1.426	1.452	1.473	1.480	1.453	1.39
15)	2-Methylphenol	1.086	1.074	1.056	1.086	1.282	1.086	1.112	7.57
16)	bis(2-chlorois...	1.454	1.460	1.418	1.518	1.548	1.480	1.480	3.17
17)	Acetophenone	2.044	2.062	2.018	2.121	2.059	2.095	2.066	1.78
18)	4-Methylphenol	1.341	1.276	1.239	1.306	1.231	1.299	1.282	3.28
19)	n-Nitroso-di-n...	0.851	0.856	0.840	0.884	0.929	0.890	0.875	3.76
20)	Hexachloroethane	0.520	0.534	0.527	0.550	0.564	0.546	0.540	3.04
21) I	Naphthalene-d8	-----ISTD-----							
22) S	Nitrobenzene-d5	0.340	0.343	0.329	0.345	0.361	0.346	0.344	3.05
23)	Nitrobenzene	0.371	0.382	0.357	0.365	0.337	0.373	0.364	4.31
24)	Isophorone	0.425	0.429	0.410	0.427	0.455	0.432	0.429	3.43
25)	2-Nitrophenol	0.184	0.187	0.181	0.189	0.189	0.192	0.187	2.08
26)	2,4-Dimethylph...	0.287	0.290	0.278	0.283	0.269	0.291	0.283	2.97
27)	bis(2-Chloroet...	0.367	0.366	0.353	0.368	0.377	0.368	0.367	2.05
28)	2,4-Dichloroph...	0.315	0.313	0.304	0.312	0.315	0.318	0.313	1.57
29)	1,2,4-Trichlor...	0.377	0.381	0.365	0.389	0.397	0.381	0.382	2.84
30)	Naphthalene	1.000	1.005	0.956	1.011	1.056	1.012	1.006	3.17
31)	Benzoic Acid	0.266	0.171	0.183	0.246	0.237	0.209	0.219	17.17
32)	4-Chloroaniline	0.423	0.423	0.399	0.421	0.399	0.413	0.413	2.76
33)	Hexachlorobuta...	0.243	0.248	0.238	0.244	0.243	0.249	0.244	1.66
34)	Capralactam	0.088	0.088	0.084	0.084	0.082	0.088	0.086	3.31
35)	4-Chloro-3-met...	0.280	0.281	0.270	0.283	0.295	0.288	0.283	2.88
36)	2-Methylnaphth...	0.760	0.770	0.732	0.805	0.878	0.776	0.787	6.42
37) I	Acenaphthene-d10	-----ISTD-----							
38)	Hexachlorocycl...	0.354	0.415	0.422	0.300	0.145	0.453	0.348	32.62
39)	2,4,6-Trichlor...	0.392	0.413	0.399	0.385	0.412	0.415	0.403	3.09
40)	2,4,5-Trichlor...	0.479	0.477	0.462	0.458	0.451	0.489	0.469	3.09
41)	Biphenyl	1.544	1.562	1.512	1.553	1.716	1.561	1.575	4.55
42) S	2-Fluorobiphenyl	1.384	1.412	1.365	1.412	1.513	1.431	1.419	3.61

Method Path : C:\msdchem\2\qtmeths-b\ Method File : methB071924.M									
43)	2-Chloronaphth...	1.175	1.188	1.142	1.188	1.298	1.182	1.196	4.46
44)	2-Nitroaniline	0.316	0.319	0.309	0.309	0.336	0.327	0.320	3.33
45)	Dimethylphthalate	1.317	1.338	1.307	1.350	1.465	1.350	1.355	4.21
46)	Acenaphthylene	1.542	1.582	1.520	1.556	1.730	1.567	1.583	4.75
47)	2,6-Dinitrotol...	0.288	0.297	0.290	0.287	0.303	0.299	0.294	2.22
48)	3-Nitroaniline	0.291	0.299	0.290	0.289	0.318	0.300	0.298	3.72
49)	Acenaphthene	1.140	1.141	1.109	1.148	1.249	1.131	1.153	4.26
50)	2,4-Dinitrophenol	0.100	0.136	0.155	0.059		0.178	0.126	37.23
51)	4-Nitrophenol	0.138	0.142	0.138	0.120		0.147	0.137	7.48
52)	Dibenzofuran	1.688	1.718	1.648	1.713	1.886	1.719	1.729	4.72
53)	2,4-Dinitrotol...	0.416	0.426	0.415	0.414	0.398	0.437	0.418	3.09
54)	Diethylphthalate	1.315	1.344	1.300	1.339	1.452	1.352	1.350	3.96
55)	Fluorene	1.332	1.350	1.294	1.344	1.437	1.336	1.349	3.51
56)	4-Chlorophenyl...	0.714	0.733	0.702	0.727	0.796	0.724	0.733	4.48
57)	4-Nitroaniline	0.290	0.296	0.285	0.293	0.310	0.298	0.295	2.80
58) I	Phenanthrene-d10	-----ISTD-----							
59)	4,6-Dinitro-2-...	0.107	0.126	0.135	0.086		0.141	0.119	19.05
60)	n-Nitrosodiphe...	0.475	0.478	0.453	0.472	0.505	0.466	0.475	3.68
61) S	2,4,6-Tribromo...	0.155	0.161	0.158	0.152	0.152	0.163	0.157	3.01
62)	Azobenzene	0.629	0.634	0.614	0.637	0.660	0.631	0.634	2.35
63)	4-Bromophenyl-...	0.242	0.245	0.239	0.242	0.256	0.246	0.245	2.45
64)	Hexachlorobenzene	0.308	0.315	0.303	0.306	0.341	0.312	0.314	4.43
65)	Atrazine	0.228	0.231	0.219	0.233	0.233	0.219	0.227	2.85
66)	Pentachlorophenol	0.117	0.129	0.136	0.094		0.151	0.125	17.11
67)	Phenanthrene	0.963	0.987	0.945	0.968	1.043	0.966	0.979	3.50
68)	Anthracene	0.959	0.935	0.922	0.952	1.037	0.933	0.956	4.36
69)	Benzidine	0.443	0.392	0.333	0.488	0.438	0.282	0.396	19.38
70)	Carbazole	0.917	0.910	0.873	0.922	0.971	0.904	0.916	3.48
71)	Di-n-butylphth...	1.080	1.108	1.062	1.102	1.156	1.085	1.099	2.95
72)	Fluoranthene	1.219	1.211	1.173	1.210	1.328	1.204	1.224	4.37
73) I	Chrysene-d12	-----ISTD-----							
74)	Pyrene	1.246	1.270	1.244	1.279	1.381	1.277	1.283	3.94
75) S	Terphenyl-d14	1.098	1.144	1.128	1.140	1.226	1.149	1.147	3.71
76)	Butylbenzylpht...	0.478	0.487	0.484	0.483	0.511	0.497	0.490	2.43
77)	Benzo[a]anthra...	1.282	1.294	1.256	1.292	1.393	1.310	1.304	3.61
78)	3,3'-Dichlorob...	0.517	0.516	0.491	0.529	0.571	0.485	0.518	6.00
79)	Chrysene	1.232	1.231	1.215	1.253	1.350	1.248	1.255	3.87
80)	bis(2-Ethylhex...	0.717	0.733	0.720	0.740	0.766	0.747	0.737	2.46
81) I	Perylene-d12	-----ISTD-----							
82)	Di-n-octylphth...	1.041	1.091	1.084	1.087	1.091	1.121	1.086	2.36
83)	Benzo[b]fluora...	1.081	1.127	1.108	1.147	1.239	1.162	1.144	4.78
84)	Benzo[k]fluora...	1.171	1.163	1.123	1.169	1.222	1.084	1.155	4.09
85)	Benzo[a]pyrene	1.024	1.043	1.014	1.032	1.130	1.061	1.051	4.01
86)	Indeno[1,2,3-c...	0.977	1.010	0.968	0.966	1.282	1.043	1.041	11.71
87)	Dibenz[a,h]ant...	1.036	1.044	1.006	1.036	1.202	1.057	1.063	6.56
88)	Benzo[g,h,i]pe...	1.041	1.043	1.007	1.030	1.206	1.056	1.064	6.75

(#) = Out of Range

Method Path : C:\msdchem\2\qtmethds-b\
 Method File : methB071924.M
 Title : e8270 Calibration
 Last Update : Thu Sep 26 14:36:26 2024
 Response Via : Initial Calibration

CC Data File: b2489.D

Min. RRF : 0.000 Min. Rel. Area : 50%
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	123
2 S	2-Fluorophenol	1.266	1.271	-0.4	121
3 S	Phenol-d5	1.200	1.154	3.9	113
4	Pyridine	1.095	1.007	8.1	110
5	n-Nitrosodimethylamine	0.653	0.606	7.1	113
6	Benzaldehyde	0.964	0.759	21.3	93
7	Aniline	1.550	1.335	13.9	103
8	Phenol	1.496	1.484	0.8	125
9	bis(2-Chloroethyl)ether	1.196	1.128	5.7	118
10	2-Chlorophenol	1.237	1.241	-0.3	121
11	1,3-Dichlorobenzene	1.450	1.430	1.4	121
12	1,4-Dichlorobenzene	1.575	1.554	1.3	123
13	Benzyl alcohol	1.112	1.015	8.7	116
14	1,2-Dichlorobenzene	1.453	1.433	1.4	122
15	2-Methylphenol	1.112	1.015	8.7	116
16	bis(2-chloroisopropyl)	1.480	1.523	-2.9	128
17	Acetophenone	2.066	2.056	0.5	123
18	4-Methylphenol	1.282	1.295	-1.0	125
19	n-Nitroso-di-n-propyla	0.875	0.876	-0.1	126
20	Hexachloroethane	0.540	0.549	-1.7	126
21 I	Naphthalene-d8	1.000	1.000	0.0	124
22 S	Nitrobenzene-d5	0.344	0.344	-0.1	125
23	Nitrobenzene	0.364	0.373	-2.5	121
24	Isophorone	0.429	0.425	1.0	123
25	2-Nitrophenol	0.187	0.191	-1.9	126
26	2,4-Dimethylphenol	0.283	0.267	5.5	114
27	bis(2-Chloroethoxy)met	0.367	0.360	1.8	122
28	2,4-Dichlorophenol	0.313	0.312	0.2	124
29	1,2,4-Trichlorobenzene	0.382	0.381	0.2	124
30	Naphthalene	1.006	0.994	1.3	123
31	Benzoic Acid	0.219	0.140	36.2#	102
32	4-Chloroaniline	0.413	0.407	1.4	119
33	Hexachlorobutadiene	0.244	0.246	-0.6	123
34	Capralactam	0.086	0.084	1.5	119
35	4-Chloro-3-methylphenol	0.283	0.275	2.6	122
36	2-Methylnaphthalene	0.787	0.791	-0.6	128
37 I	Acenaphthene-d10	1.000	1.000	0.0	127
38	Hexachlorocyclopentadiene	0.348	0.380	-9.3	116
39	2,4,6-Trichlorophenol	0.403	0.381	5.3	117
40	2,4,5-Trichlorophenol	0.469	0.458	2.5	122
41	Biphenyl	1.575	1.512	4.0	123
42 S	2-Fluorobiphenyl	1.419	1.378	2.9	124
43	2-Chloronaphthalene	1.196	1.162	2.8	124
44	2-Nitroaniline	0.320	0.314	1.7	125
45	Dimethylphthalate	1.355	1.336	1.4	126
46	Acenaphthylene	1.583	1.534	3.1	123
47	2,6-Dinitrotoluene	0.294	0.296	-0.6	126
48	3-Nitroaniline	0.298	0.278	6.7	118
49	Acenaphthene	1.153	1.134	1.7	126
50	2,4-Dinitrophenol	0.126	0.187	-49.1#	174#
51	4-Nitrophenol	0.137	0.118	13.9	105
52	Dibenzofuran	1.729	1.685	2.5	124
53	2,4-Dinitrotoluene	0.418	0.421	-0.9	125
54	Diethylphthalate	1.350	1.338	0.9	126
55	Fluorene	1.349	1.328	1.6	125
56	4-Chlorophenyl-phenyle	0.733	0.715	2.4	124
57	4-Nitroaniline	0.295	0.292	1.3	125
58 I	Phenanthrene-d10	1.000	1.000	0.0	128

Method Path : C:\msdchem\2\qtmethode-b\
 Method File : methB071924.M
 Title : e8270 Calibration
 Last Update : Thu Sep 26 14:36:26 2024
 Response Via : Initial Calibration

CC Data File: b2489.D

Min. RRF : 0.000 Min. Rel. Area : 50%
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%
59	4,6-Dinitro-2-methylph	0.119	0.140	-17.4	142
60	n-Nitrosodiphenylamine	0.475	0.457	3.7	122
61 S	2,4,6-Tribromophenol	0.157	0.156	0.2	124
62	Azobenzene	0.634	0.629	0.7	127
63	4-Bromophenyl-phenylether	0.245	0.239	2.2	125
64	Hexachlorobenzene	0.314	0.302	3.8	123
65	Atrazine	0.227	0.165	27.5#	91
66	Pentachlorophenol	0.125	0.128	-2.0	127
67	Phenanthrene	0.979	0.948	3.2	123
68	Anthracene	0.956	0.934	2.3	128
69	Benzidine	0.396	0.157	60.5#	51
70	Carbazole	0.916	0.906	1.1	127
71	Di-n-butylphthalate	1.099	1.099	0.0	127
72	Fluoranthene	1.224	1.185	3.2	125
73 I	Chrysene-d12	1.000	1.000	0.0	124
74	Pyrene	1.283	1.281	0.2	125
75 S	Terphenyl-d14	1.147	1.157	-0.9	125
76	Butylbenzylphthalate	0.490	0.509	-3.8	130
77	Benzo[a]anthracene	1.304	1.266	2.9	121
78	3,3'-Dichlorobenzidine	0.518	0.515	0.7	124
79	Chrysene	1.255	1.268	-1.1	128
80	bis(2-Ethylhexyl)phtha	0.737	0.768	-4.2	130
81 I	Perylene-d12	1.000	1.000	0.0	119
82	Di-n-octylphthalate	1.086	1.188	-9.4	130
83	Benzo[b]fluoranthene	1.144	1.123	1.9	119
84	Benzo[k]fluoranthene	1.155	1.213	-4.9	124
85	Benzo[a]pyrene	1.051	1.036	1.4	118
86	Indeno[1,2,3-cd]pyrene	1.041	0.985	5.4	116
87	Dibenz[a,h]anthracene	1.063	1.012	4.8	116
88	Benzo[g,h,i]perylene	1.064	0.996	6.4	114

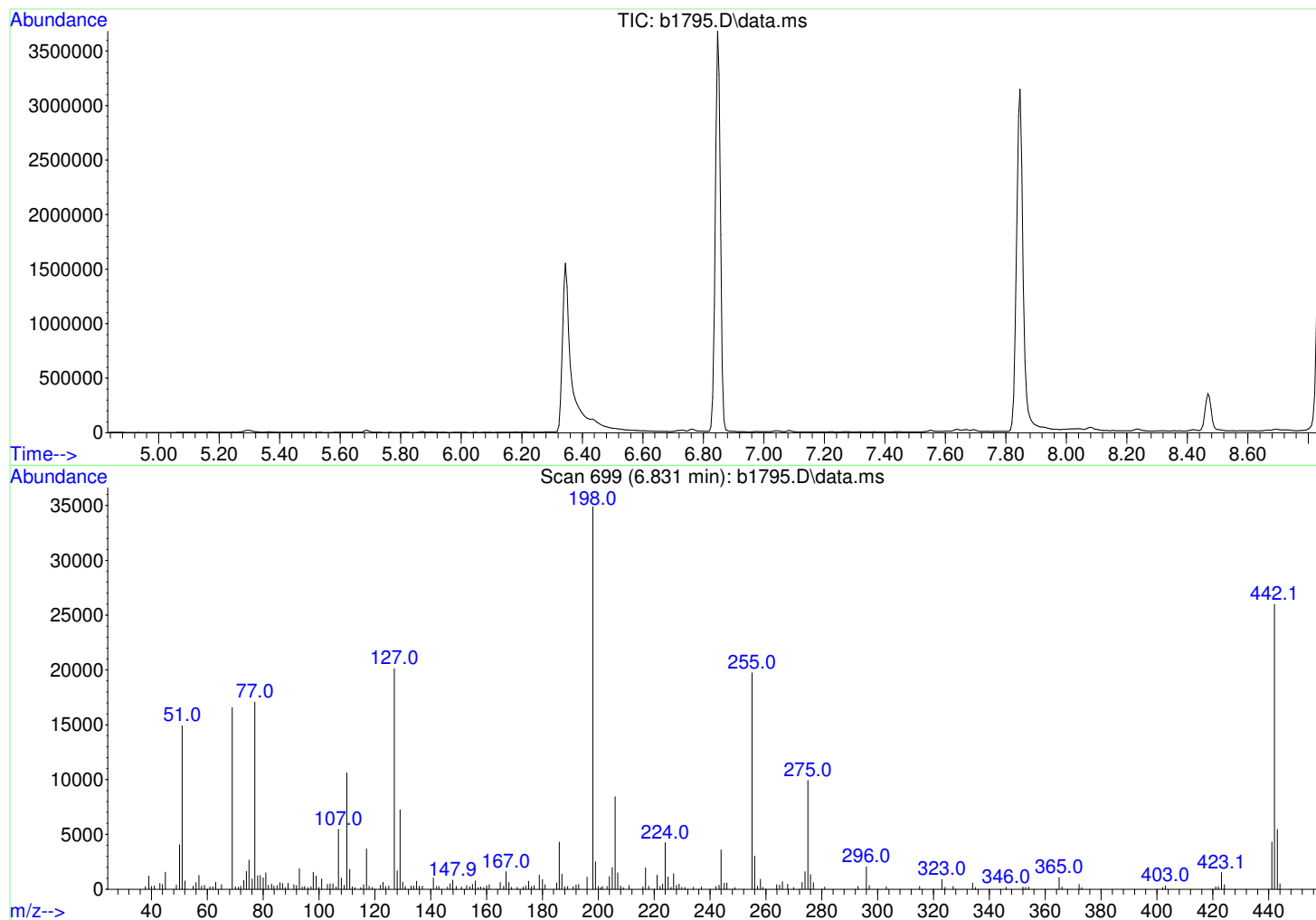
(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : D:\2\data\071924\
Data File : b1795.D
Acq On : 19 Jul 2024 7:38 am
Operator :
Sample : dftpp
Misc : tune
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\2\qtmethods-b\methB071924.M
Title : e8270 Calibration
Last Update : Thu Aug 29 10:03:42 2024



Spectrum Information: Scan 699

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	42.7	14908	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	1.4	228	PASS
127	198	10	80	57.6	20104	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	34888	PASS
199	198	5	9	7.2	2500	PASS
275	198	10	60	28.5	9928	PASS
365	198	1	100	3.1	1072	PASS
441	442	0.01	24	16.5	4296	PASS
442	198	50	125	74.4	25968	PASS
443	442	15	24	21.0	5463	PASS

Data Path : D:\2\data\071924\
 Data File : b1801.D
 Acq On : 19 Jul 2024 10:27 am
 Operator :
 Sample : sstd005
 Misc : ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 14:12:22 2024
 Quant Method : C:\msdchem\2\qtmethods-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

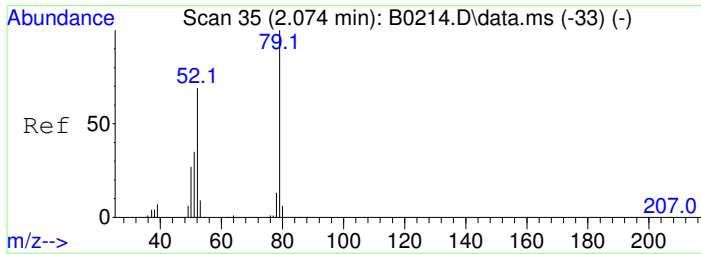
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	133856	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	549784	40.00	ug	0.00
37) Acenaphthene-d10	8.453	164	349459	40.00	ug	0.00
58) Phenanthrene-d10	9.902	188	735725	40.00	ug	0.00
73) Chrysene-d12	12.887	240	707531	40.00	ug	0.00
81) Perylene-d12	15.492	264	809792	40.00	ug	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.399	112	18738	4.42	ug	0.01
3) Phenol-d5	5.292	99	16797	4.18	ug	0.01
22) Nitrobenzene-d5	6.051	82	24837	5.25	ug	0.00
42) 2-Fluorobiphenyl	7.790	172	66080	5.33	ug	0.00
61) 2,4,6-Tribromophenol	9.250	330	13939	4.84	ug	0.00
75) Terphenyl-d14	11.512	244	108434	5.34	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.992	79	16143	4.40	ug	96
5) n-Nitrosodimethylamine	2.981	74	10477	4.80	ug	100
6) Benzaldehyde	5.094	77	15261	4.73	ug	86
7) Aniline	5.233	93	23364	4.50	ug	96
8) Phenol	5.302	94	24907	4.97	ug	# 79
9) bis(2-Chloroethyl)ether	5.276	93	22596	5.65	ug	87
10) 2-Chlorophenol	5.361	128	20078	4.85	ug	94
11) 1,3-Dichlorobenzene	5.458	146	23814	4.91	ug	99
12) 1,4-Dichlorobenzene	5.458	146	23814	4.52	ug	98
13) Benzyl alcohol	5.832	108	21446	5.76	ug	# 21
14) 1,2-Dichlorobenzene	5.682	146	24650	5.07	ug	100
15) 2-Methylphenol	5.832	108	21446	5.76	ug	99
16) bis(2-chloroisopropyl)	5.789	45	25902	5.23	ug	# 93
17) Acetophenone	5.902	105	34451	4.98	ug	93
18) 4-Methylphenol	5.976	108	19135	4.46	ug	94
19) n-Nitroso-di-n-propyla	5.923	70	15548	5.31	ug	96
20) Hexachloroethane	5.971	117	9444	5.22	ug	97
23) Nitrobenzene	6.067	77	23171	4.63	ug	# 89
24) Isophorone	6.281	82	31275	5.30	ug	98
25) 2-Nitrophenol	6.383	139	12965	5.04	ug	93
26) 2,4-Dimethylphenol	6.463	107	18476	4.75	ug	# 93
27) bis(2-Chloroethoxy)met	6.506	93	25899	5.14	ug	100
28) 2,4-Dichlorophenol	6.661	162	21663	5.04	ug	# 93
29) 1,2,4-Trichlorobenzene	6.682	180	27272	5.20	ug	99
30) Naphthalene	6.741	128	72539	5.24	ug	100
32) 4-Chloroaniline	6.843	127	27444	4.83	ug	99
33) Hexachlorobutadiene	6.912	225	16731	4.98	ug	97
34) Caprolactam	7.116	113	5608	4.76	ug	92
35) 4-Chloro-3-methylphenol	7.367	107	20240	5.21	ug	# 1
36) 2-Methylnaphthalene	7.415	142	60350	5.58	ug	99
38) Hexachlorocyclopentadiene	7.634	237	6342	9.51	ug	96
39) 2,4,6-Trichlorophenol	7.741	196	18015	5.12	ug	97
40) 2,4,5-Trichlorophenol	7.816	196	19719	4.81	ug	91
41) Biphenyl	7.880	154	74961	5.45	ug	# 93
43) 2-Chloronaphthalene	7.891	162	56715	5.43	ug	97
44) 2-Nitroaniline	8.046	65	14699	5.26	ug	# 76
45) Dimethylphthalate	8.228	163	64011	5.41	ug	# 79
46) Acenaphthylene	8.303	152	75571	5.47	ug	99
47) 2,6-Dinitrotoluene	8.303	165	13248	5.16	ug	98
48) 3-Nitroaniline	8.458	138	13905	5.34	ug	# 23
49) Acenaphthene	8.480	153	54574	5.42	ug	97

Data Path : D:\2\data\071924\
 Data File : b1801.D
 Acq On : 19 Jul 2024 10:27 am
 Operator :
 Sample : sstd005
 Misc : ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 14:12:22 2024
 Quant Method : C:\msdchem\2\qtmethd-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

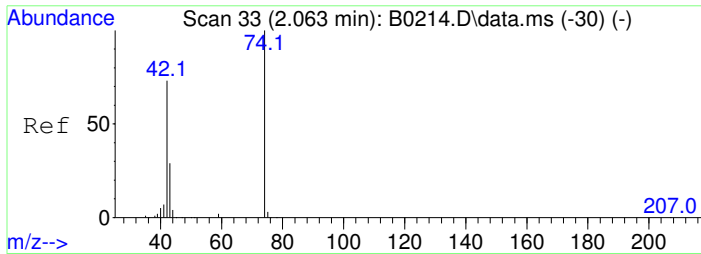
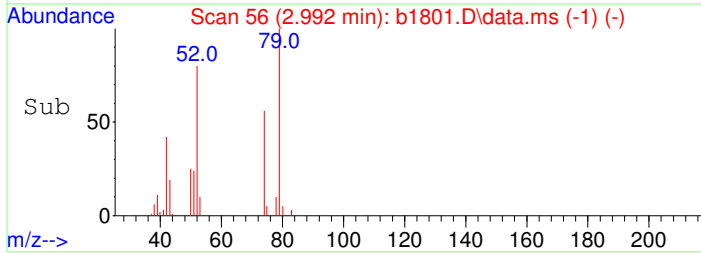
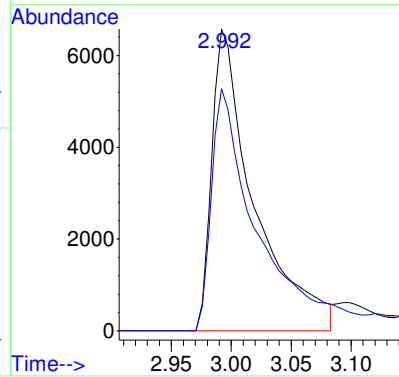
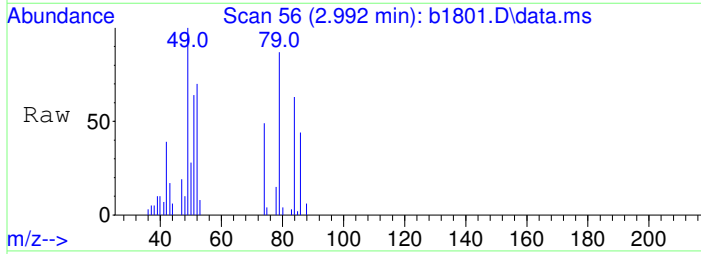
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
51) 4-Nitrophenol	8.774	109	4376	3.66	ug	# 53
52) Dibenzofuran	8.640	168	82376	5.45	ug	91
53) 2,4-Dinitrotoluene	8.693	165	17405	4.77	ug	# 97
54) Diethylphthalate	8.918	149	63419	5.38	ug	96
55) Fluorene	8.977	166	62752	5.33	ug	91
56) 4-Chlorophenyl-phenyle	8.977	204	34766	5.43	ug	96
57) 4-Nitroaniline	9.079	138	13521	5.24	ug	# 86
60) n-Nitrosodiphenylamine	9.105	169	46483	5.32	ug	91
62) Azobenzene	9.132	77	60653	5.20	ug	# 82
63) 4-Bromophenyl-phenylether	9.453	248	23535	5.22	ug	96
64) Hexachlorobenzene	9.603	284	31378	5.43	ug	# 90
65) Atrazine	9.662	200	21398	5.12	ug	97
66) Pentachlorophenol	9.817	266	5436	2.36	ug	97
67) Phenanthrene	9.924	178	95893	5.33	ug	99
68) Anthracene	9.966	178	95350	5.42	ug	99
69) Benzidine	11.255	184	40311	5.53	ug	98
70) Carbazole	10.148	167	89286	5.30	ug	100
71) Di-n-butylphthalate	10.517	149	106337	5.26	ug	99
72) Fluoranthene	11.341	202	122171	5.43	ug	97
74) Pyrene	11.341	202	122171	5.38	ug	# 93
76) Butylbenzylphthalate	12.133	149	45177	5.21	ug	94
77) Benzo[a]anthracene	12.860	228	123233	5.34	ug	99
78) 3,3'-Dichlorobenzidine	12.865	252	50538	5.51	ug	96
79) Chrysene	12.924	228	119395	5.38	ug	99
80) bis(2-Ethylhexyl)phtha	13.015	149	67759	5.20	ug	99
82) Di-n-octylphthalate	14.090	149	110413	5.02	ug	97
83) Benzo[b]fluoranthene	14.748	252	125419	5.41	ug	99
84) Benzo[k]fluoranthene	14.791	252	123737	5.29	ug	100
85) Benzo[a]pyrene	15.374	252	114385	5.38	ug	98
86) Indeno[1,2,3-cd]pyrene	17.759	276	144590	6.86	ug	# 93
87) Dibenz[a,h]anthracene	17.818	278	121641	5.65	ug	99
88) Benzo[g,h,i]perylene	18.380	276	122126	5.67	ug	97

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



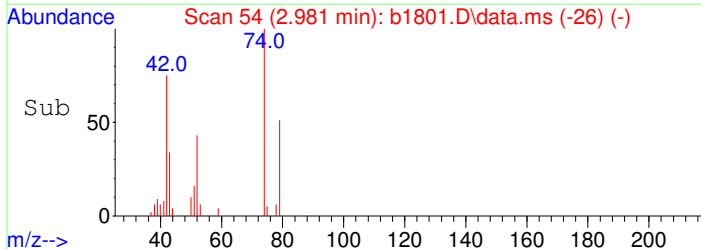
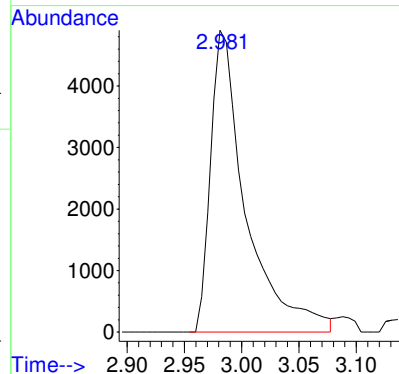
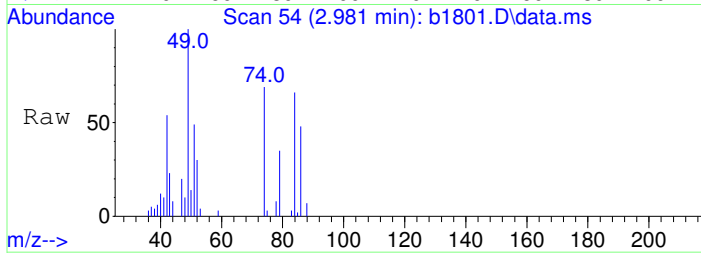
#4
Pyridine
Concen: 4.40 ug
RT: 2.992 min Scan# 56
Delta R.T. 0.027 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

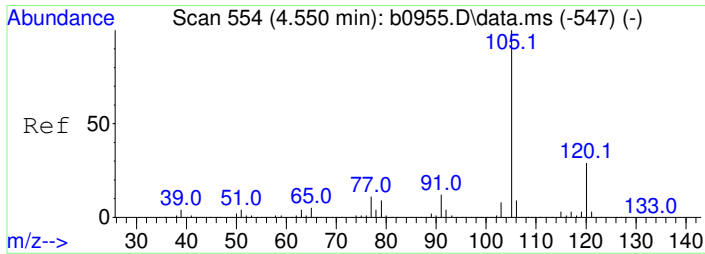
Tgt Ion: 79 Resp: 16143
Ion Ratio Lower Upper
79 100
52 88.0 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 4.80 ug
RT: 2.981 min Scan# 54
Delta R.T. 0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

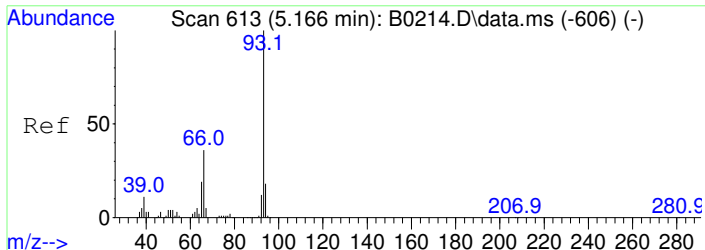
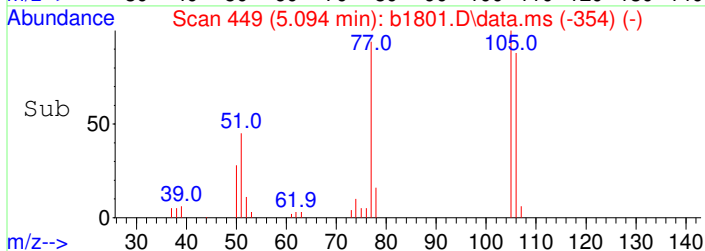
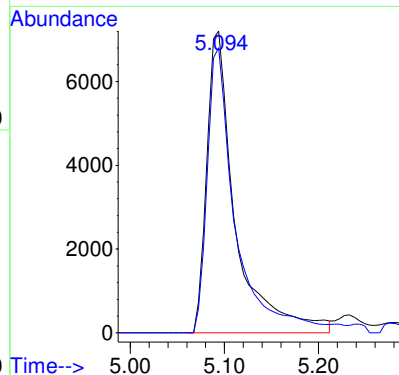
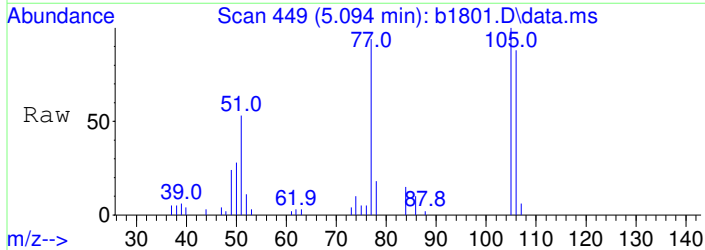
Tgt Ion: 74 Resp: 10477





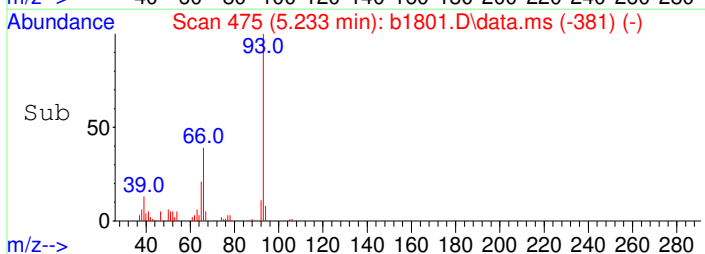
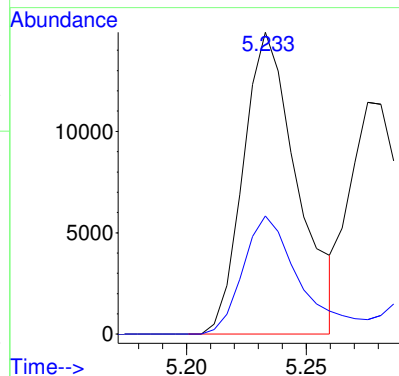
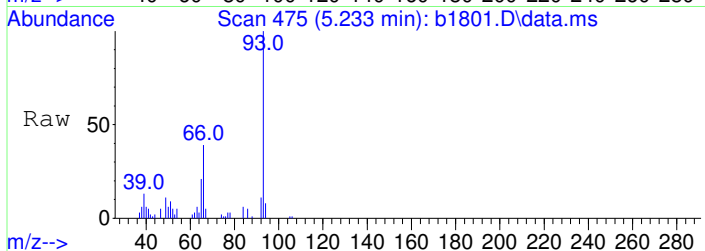
#6
Benzaldehyde
Concen: 4.73 ug
RT: 5.094 min Scan# 449
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

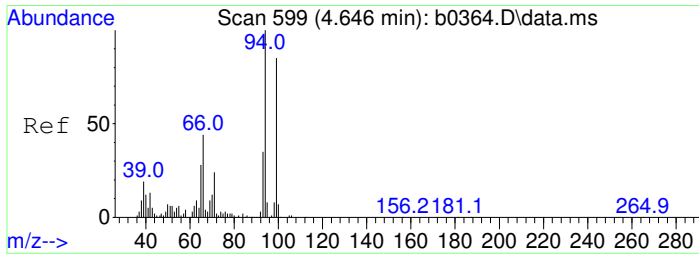
Tgt Ion: 77 Resp: 15261
Ion Ratio Lower Upper
77 100
106 92.7 86.2 129.2



#7
Aniline
Concen: 4.50 ug
RT: 5.233 min Scan# 475
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

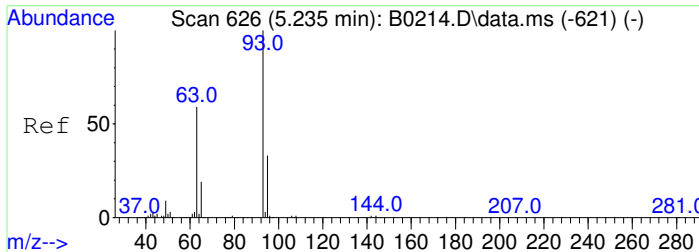
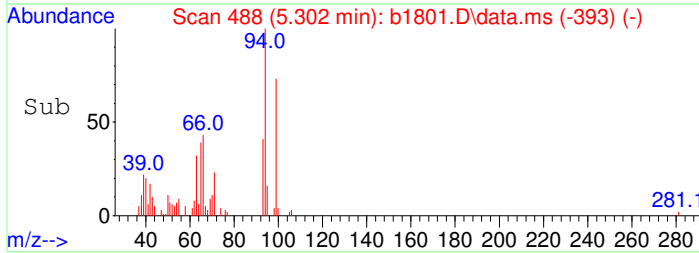
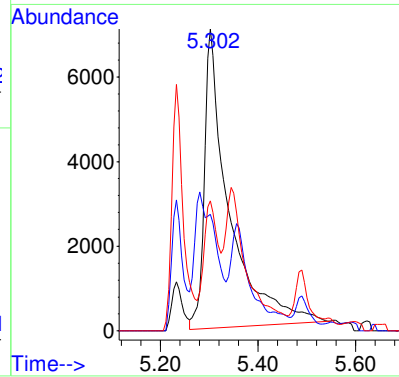
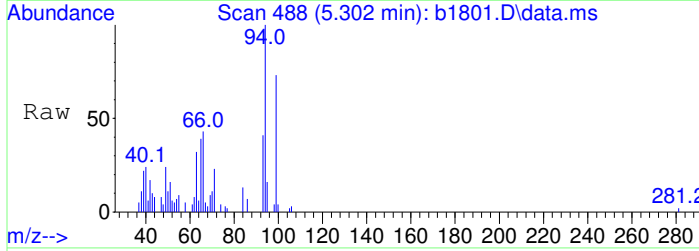
Tgt Ion: 93 Resp: 23364
Ion Ratio Lower Upper
93 100
66 41.6 31.4 47.2





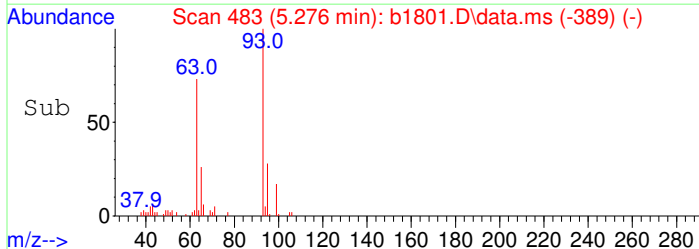
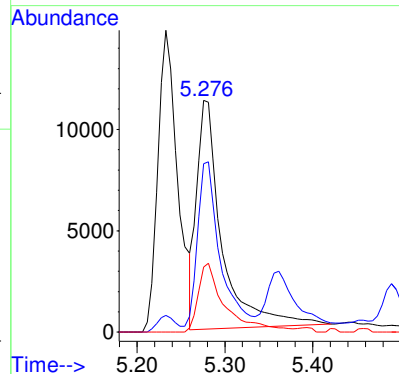
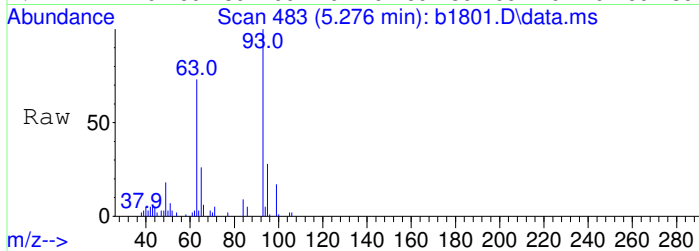
#8
Phenol
Concen: 4.97 ug
RT: 5.302 min Scan# 488
Delta R.T. 0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

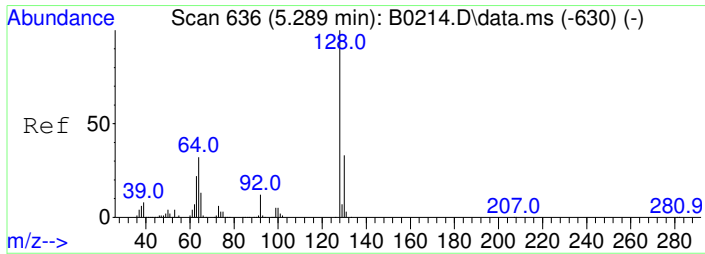
Tgt Ion	94	65	66	Resp	24907	Lower	Upper
Ion Ratio	100	39.3	24.5				
						25.7	38.5#
						33.5	50.3#



#9
bis(2-Chloroethyl)ether
Concen: 5.65 ug
RT: 5.276 min Scan# 483
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

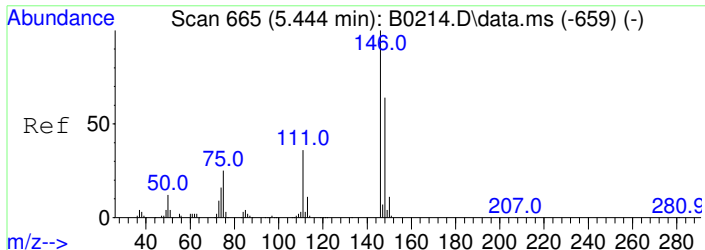
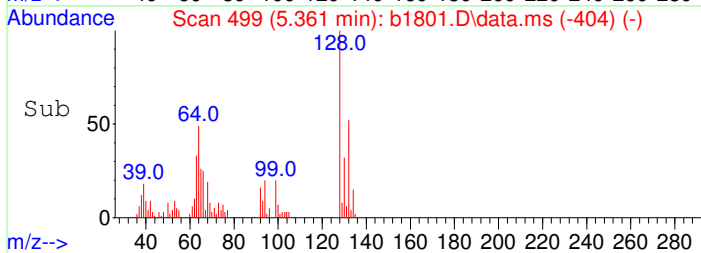
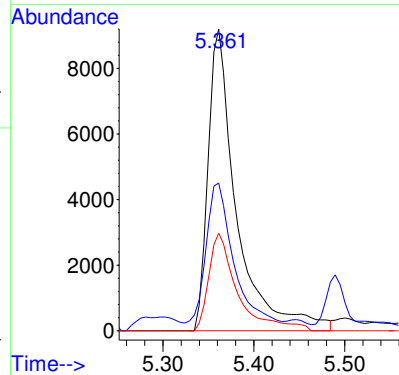
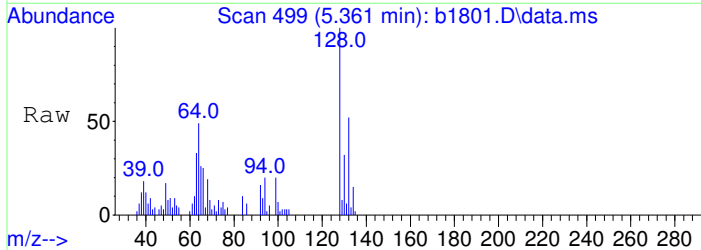
Tgt Ion	93	63	95	Resp	22596	Lower	Upper
Ion Ratio	100	67.8	32.0				
						67.0	100.4
						24.8	37.2





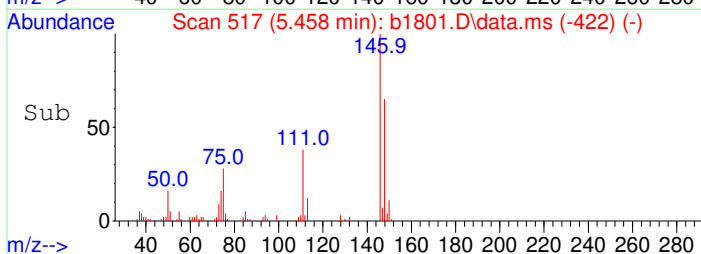
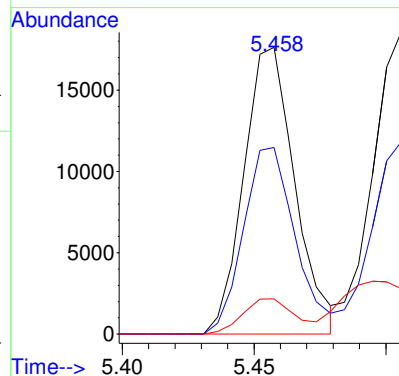
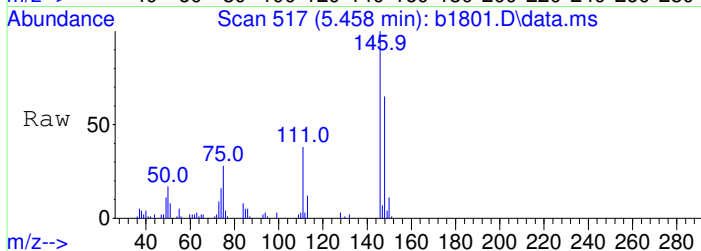
#10
2-Chlorophenol
Concen: 4.85 ug
RT: 5.361 min Scan# 499
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

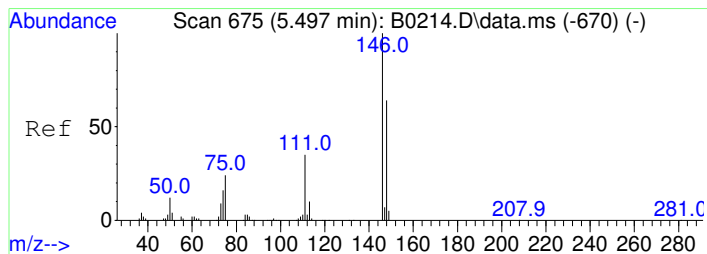
Tgt Ion:128	Resp:	20078	
Ion Ratio	Lower	Upper	
128	100		
64	43.3	29.4	44.2
130	32.6	25.9	38.9



#11
1,3-Dichlorobenzene
Concen: 4.91 ug
RT: 5.458 min Scan# 517
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

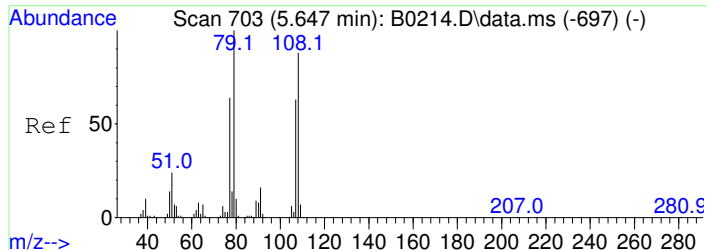
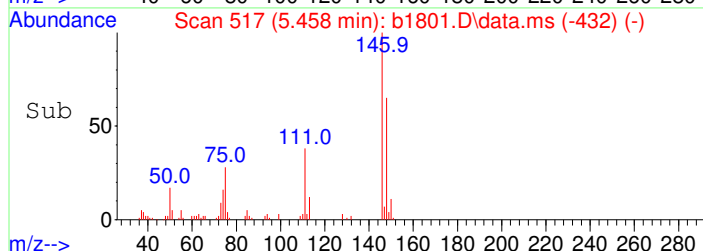
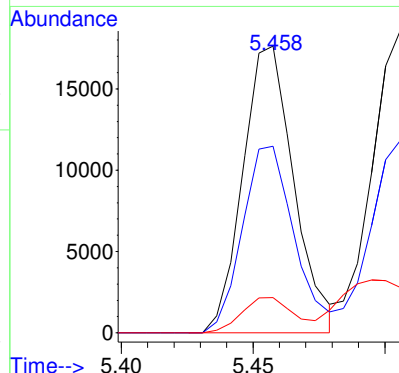
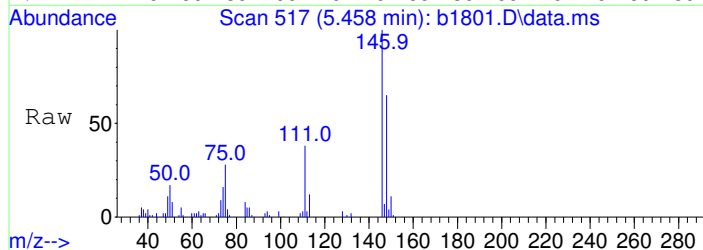
Tgt Ion:146	Resp:	23814	
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.7	77.5
113	12.9	10.2	15.2





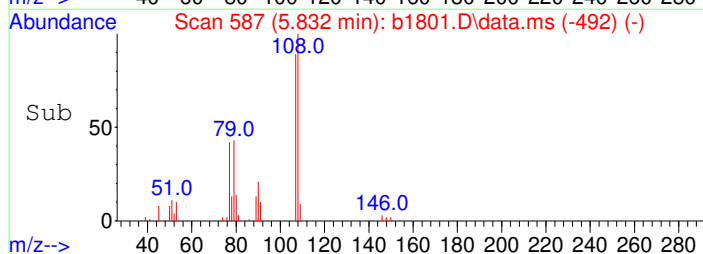
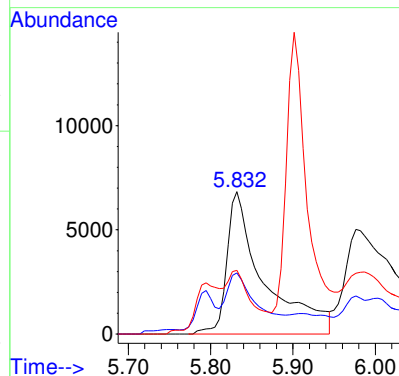
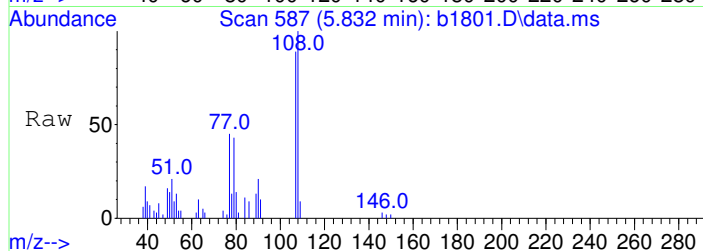
#12
1,4-Dichlorobenzene
Concen: 4.52 ug
RT: 5.458 min Scan# 517
Delta R.T. -0.048 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

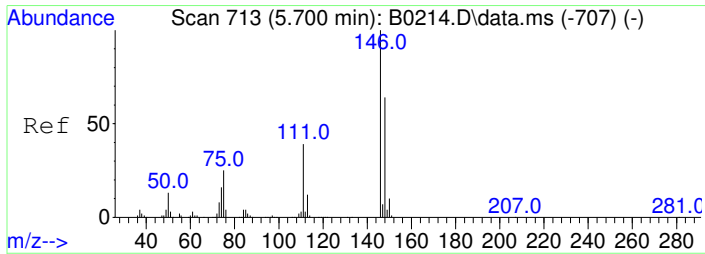
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.6
113	12.9	9.9	14.9



#13
Benzyl alcohol
Concen: 5.76 ug
RT: 5.832 min Scan# 587
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

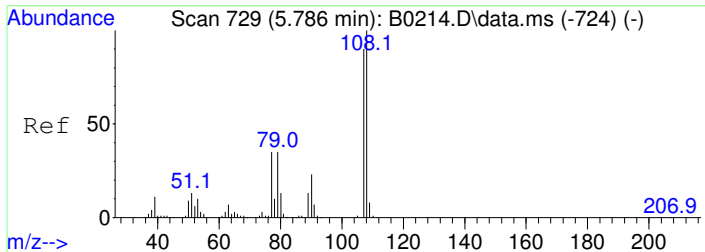
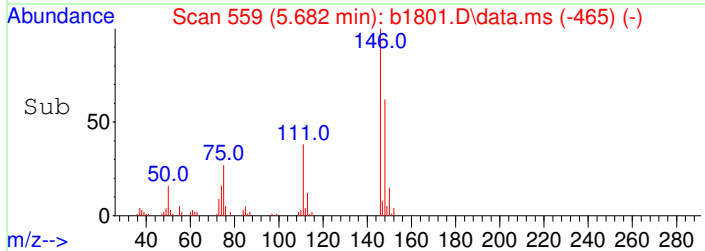
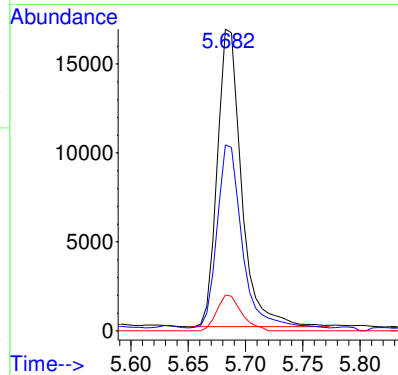
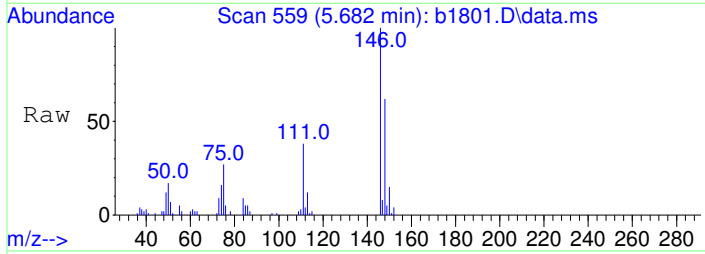
Tgt Ion	Ratio	Lower	Upper
108	100		
79	21.5	98.0	147.0#
77	26.6	65.7	98.5#





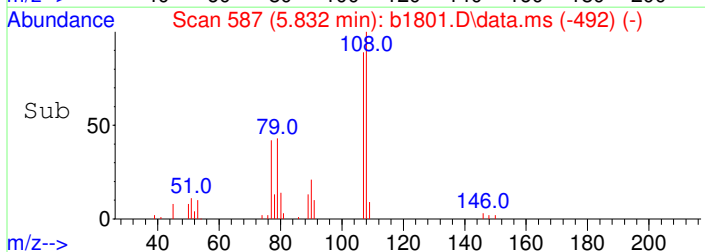
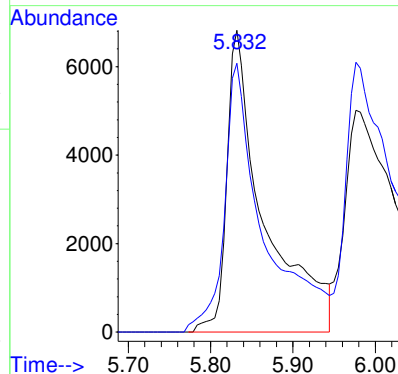
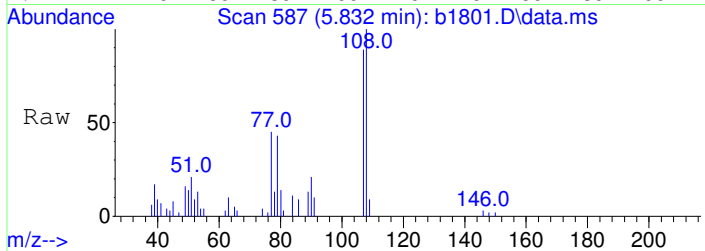
#14
1,2-Dichlorobenzene
Concen: 5.07 ug
RT: 5.682 min Scan# 559
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

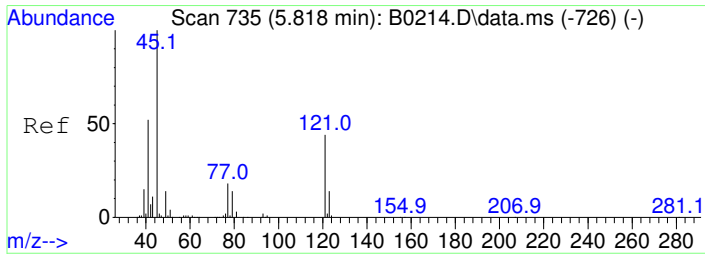
Tgt Ion	146	148	113
Resp	24650	63.3	12.2
Lower		50.7	10.2
Upper		76.1	15.2



#15
2-Methylphenol
Concen: 5.76 ug
RT: 5.832 min Scan# 587
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

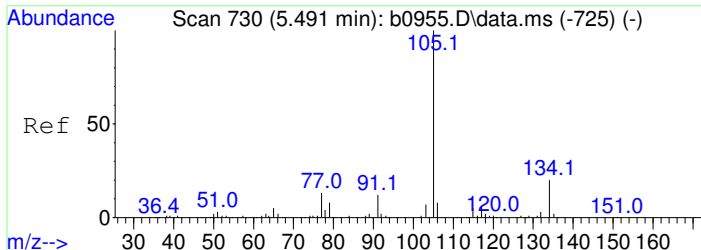
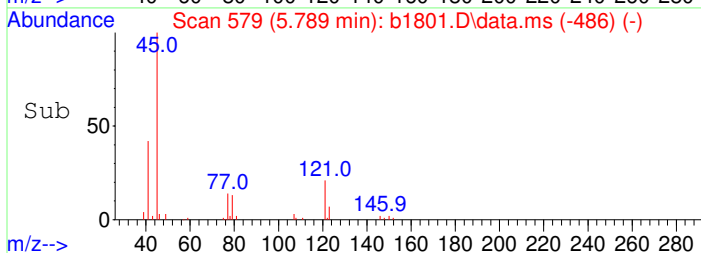
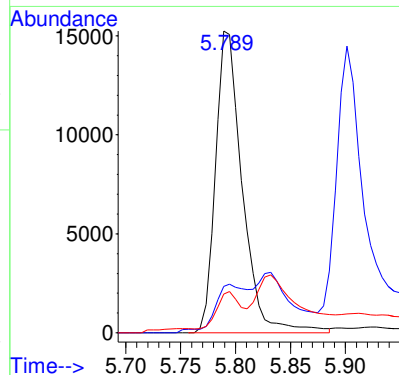
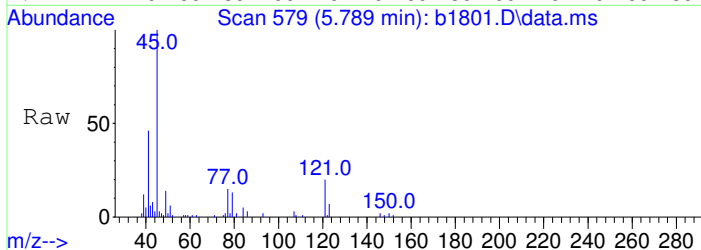
Tgt Ion	108	107
Resp	21446	93.2
Lower		74.0
Upper		111.0





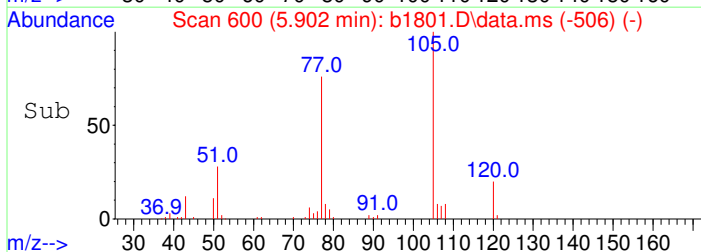
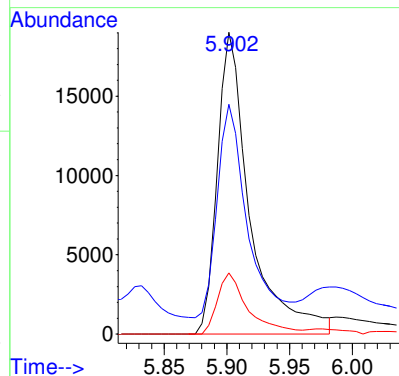
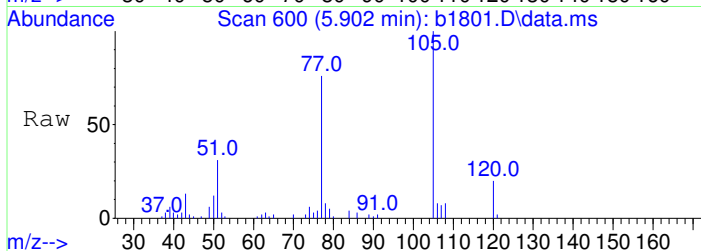
#16
bis(2-chloroisopropyl)
Concen: 5.23 ug
RT: 5.789 min Scan# 579
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

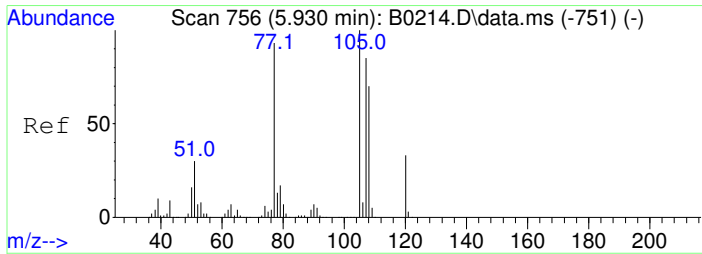
Tgt Ion	45	77	79
Resp	25902	18.7	11.1
Lower		11.9	8.1
Upper		17.9#	12.1



#17
Acetophenone
Concen: 4.98 ug
RT: 5.902 min Scan# 600
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

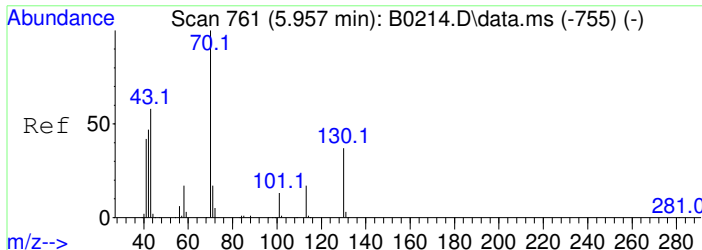
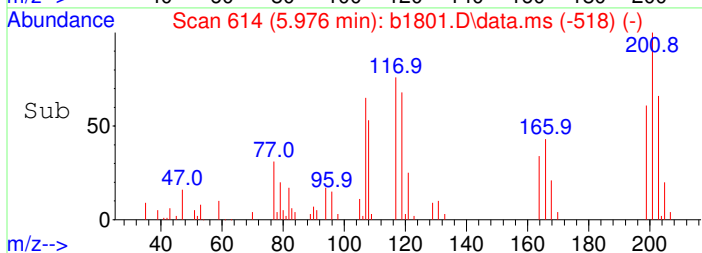
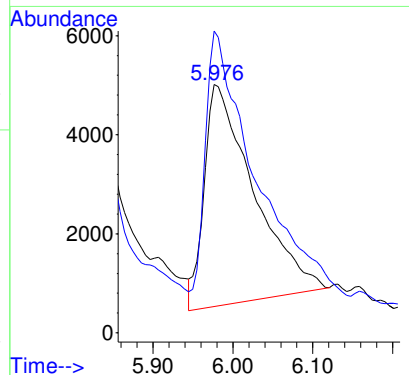
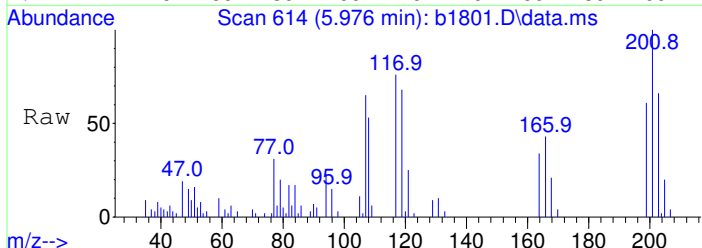
Tgt Ion	105	77	120
Resp	34451	71.8	19.1
Lower		63.0	16.1
Upper		94.4	24.1





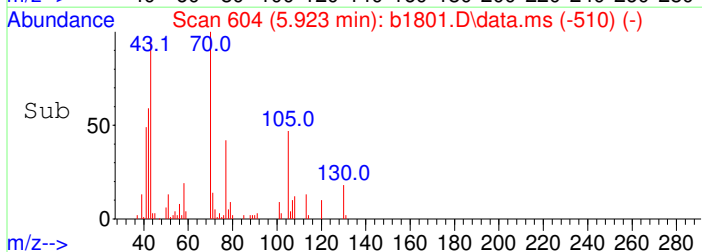
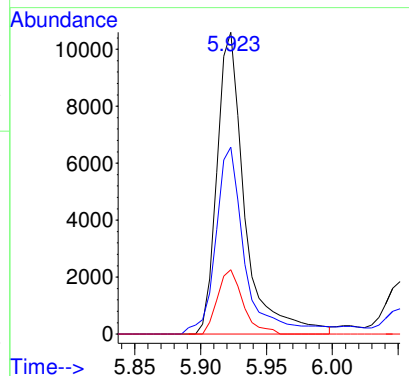
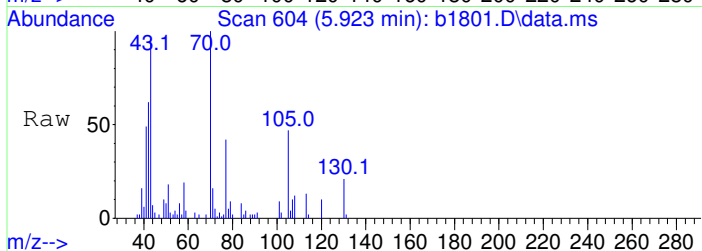
#18
4-Methylphenol
Concen: 4.46 ug
RT: 5.976 min Scan# 614
Delta R.T. 0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

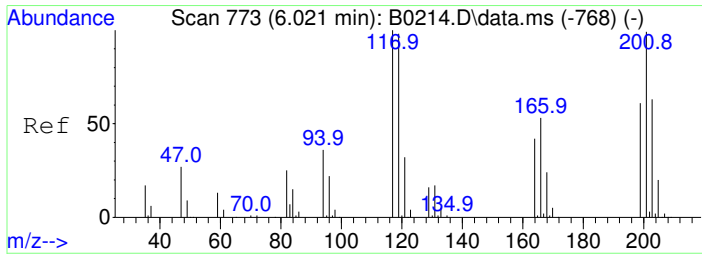
Tgt Ion:	108	Resp:	19135
Ion Ratio	Lower	Upper	
108	100		
107	133.2	100.8	151.2



#19
n-Nitroso-di-n-propyla
Concen: 5.31 ug
RT: 5.923 min Scan# 604
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

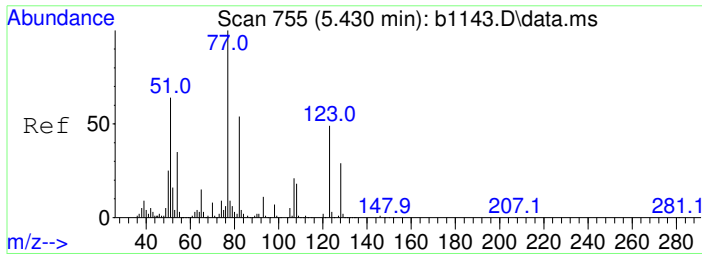
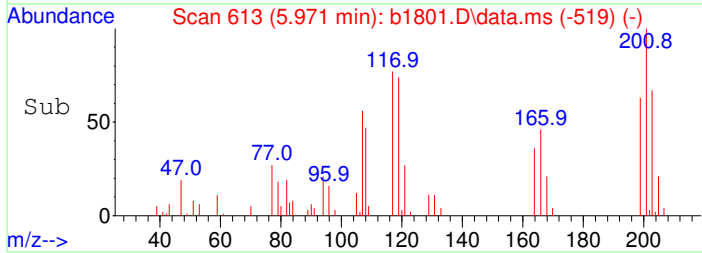
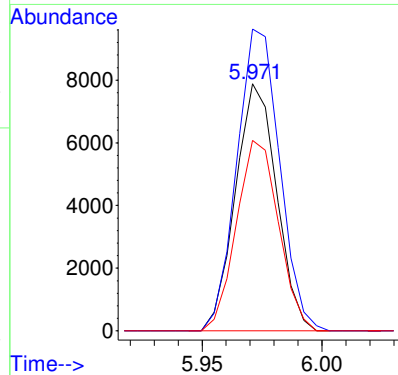
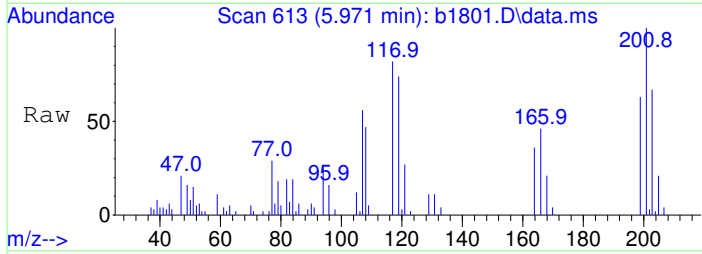
Tgt Ion:	70	Resp:	15548
Ion Ratio	Lower	Upper	
70	100		
42	65.9	55.4	83.2
130	19.6	16.2	24.4





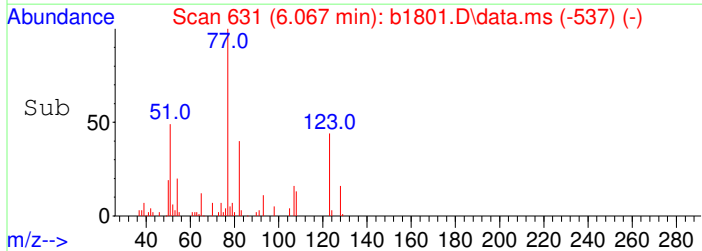
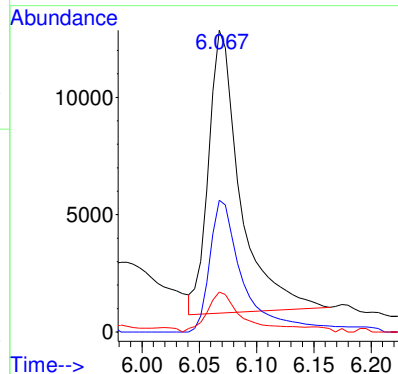
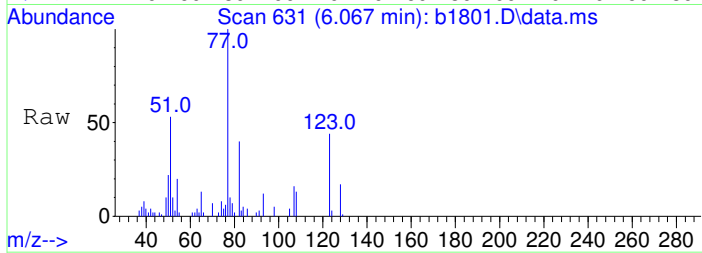
#20
Hexachloroethane
Concen: 5.22 ug
RT: 5.971 min Scan# 613
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

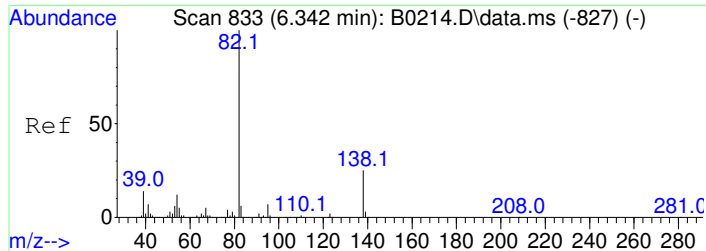
Tgt Ion	Ratio	Lower	Upper
117	100		
201	126.9	100.1	150.1
199	78.8	60.1	90.1



#23
Nitrobenzene
Concen: 4.63 ug
RT: 6.067 min Scan# 631
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

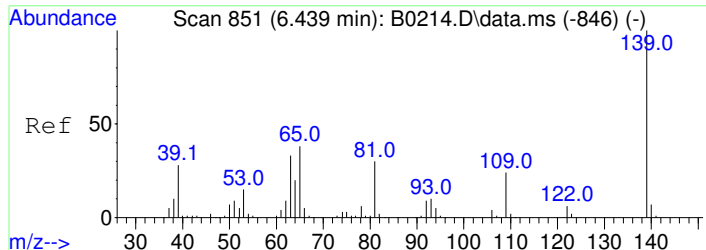
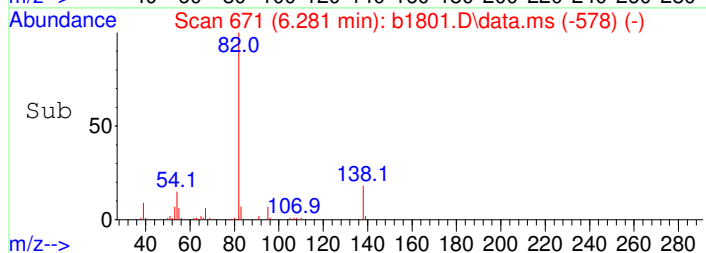
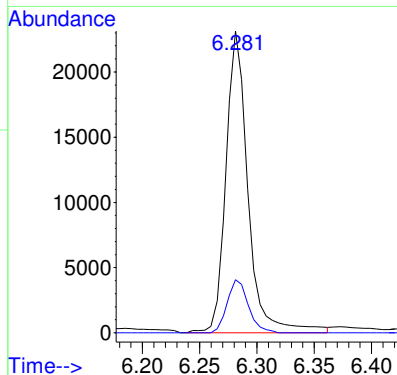
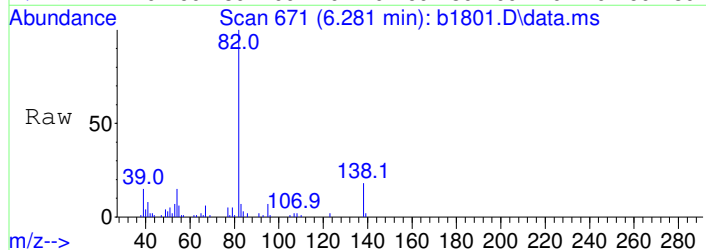
Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.5	35.2	52.8
65	17.5	11.2	16.8





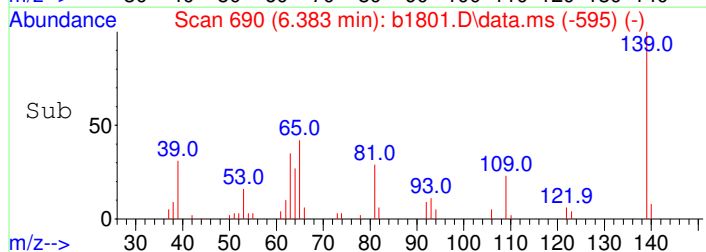
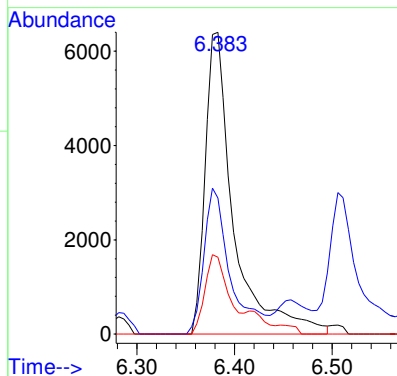
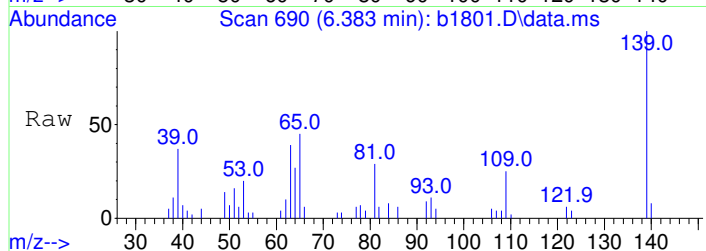
#24
Isophorone
Concen: 5.30 ug
RT: 6.281 min Scan# 671
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

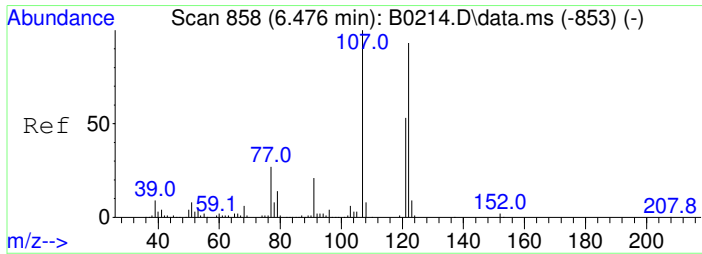
Tgt Ion: 82 Resp: 31275
Ion Ratio Lower Upper
82 100
138 16.9 14.2 21.2



#25
2-Nitrophenol
Concen: 5.04 ug
RT: 6.383 min Scan# 690
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

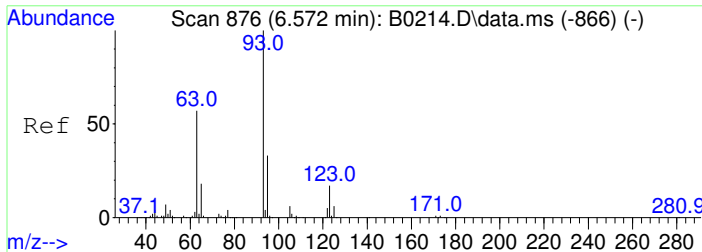
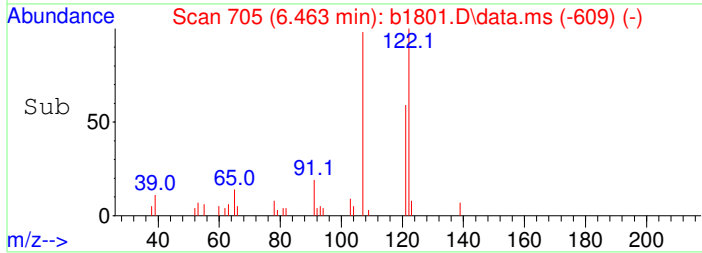
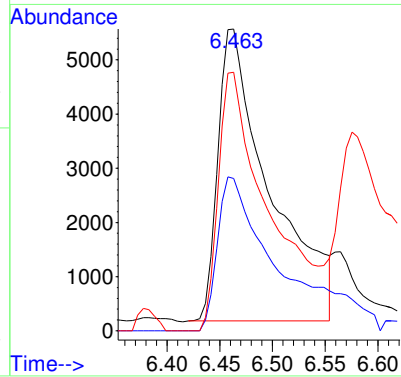
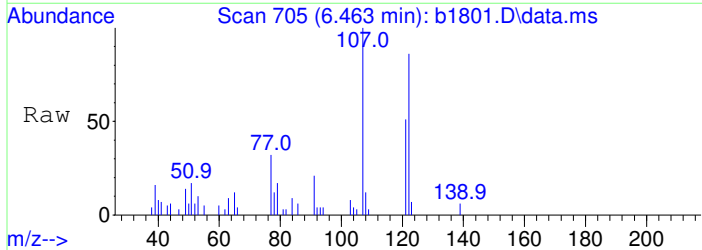
Tgt Ion: 139 Resp: 12965
Ion Ratio Lower Upper
139 100
65 45.4 39.7 59.5
109 22.1 21.1 31.7





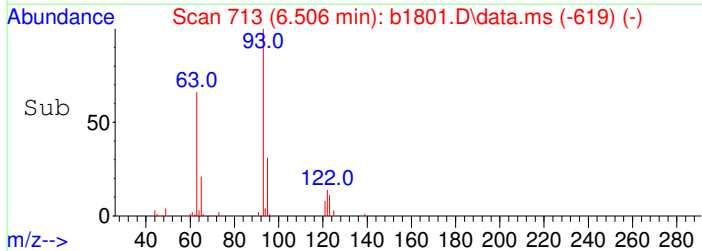
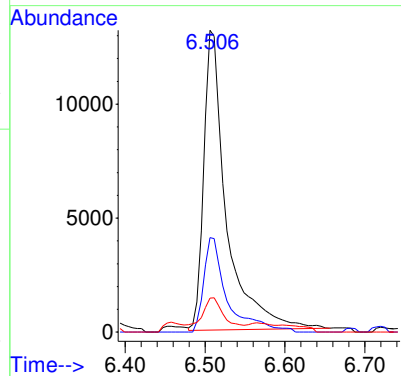
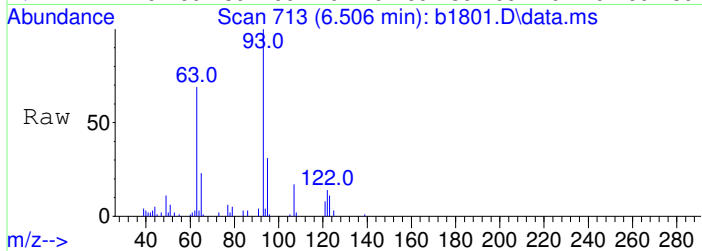
#26
2,4-Dimethylphenol
Concen: 4.75 ug
RT: 6.463 min Scan# 705
Delta R.T. 0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

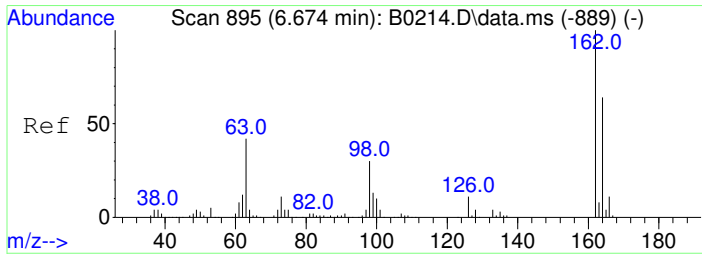
Tgt Ion	107	121	122
Resp	18476	62.7	85.0
Lower		40.3	69.0
Upper		60.5	103.4



#27
bis(2-Chloroethoxy)met
Concen: 5.14 ug
RT: 6.506 min Scan# 713
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

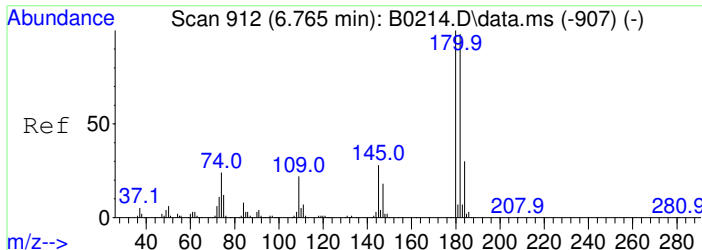
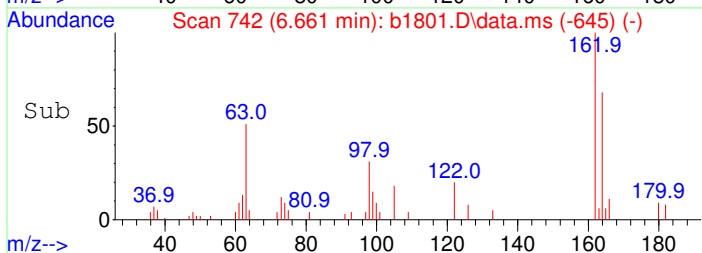
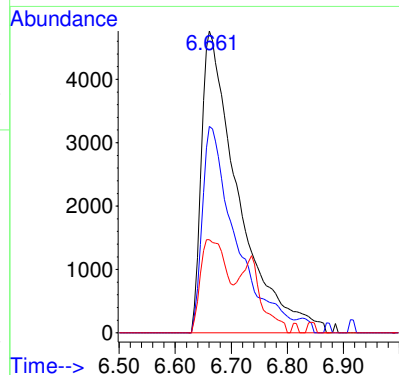
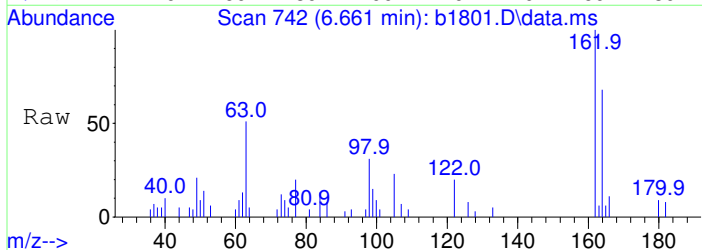
Tgt Ion	93	95	123
Resp	25899	32.6	11.7
Lower		26.0	9.4
Upper		39.0	14.2





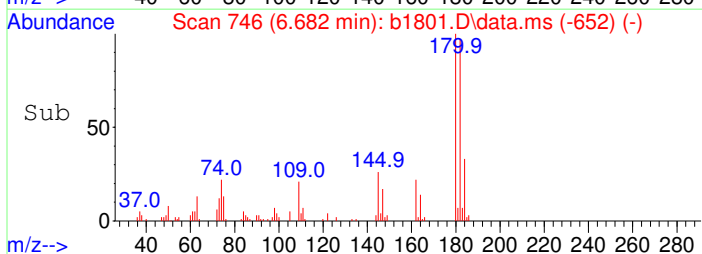
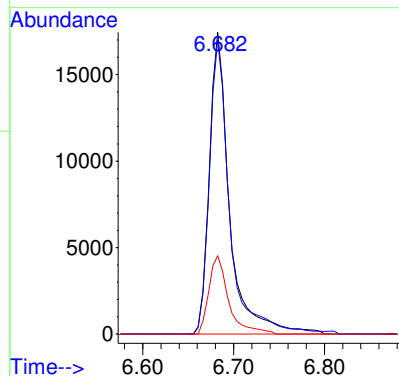
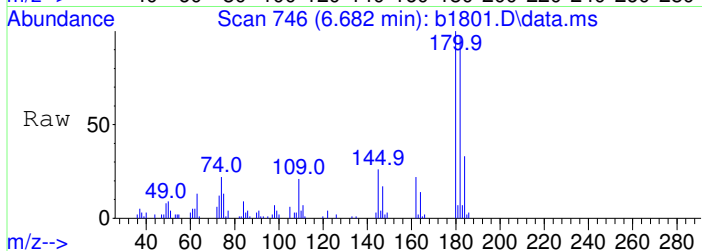
#28
 2,4-Dichlorophenol
 Concen: 5.04 ug
 RT: 6.661 min Scan# 742
 Delta R.T. 0.016 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

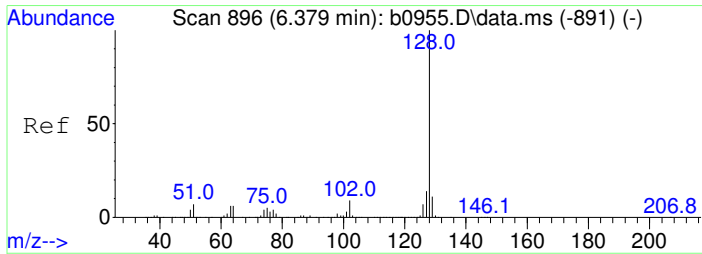
Tgt Ion:162	Resp:	21663	
Ion Ratio	Lower	Upper	
162	100		
164	62.9	51.4	77.2
98	22.1	25.7	38.5#



#29
 1,2,4-Trichlorobenzene
 Concen: 5.20 ug
 RT: 6.682 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

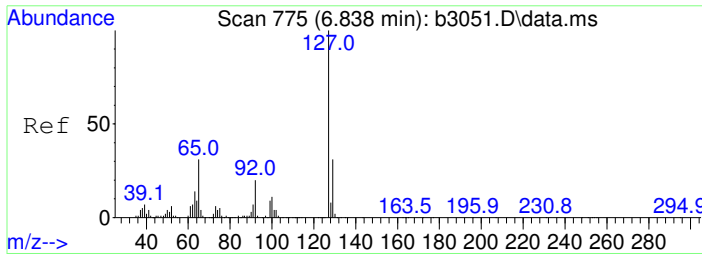
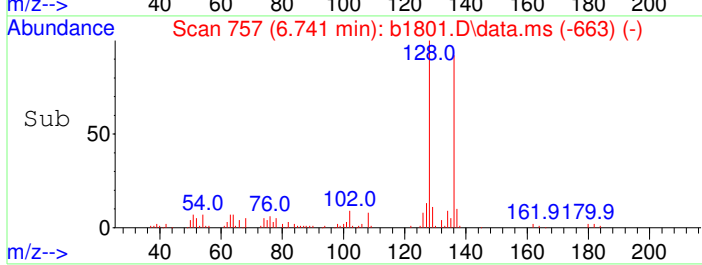
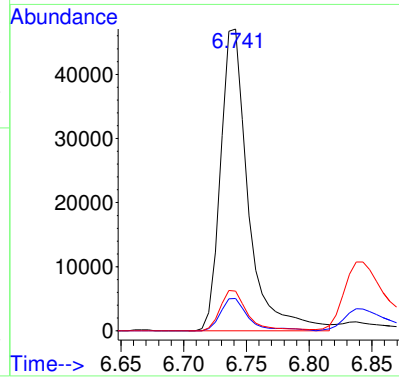
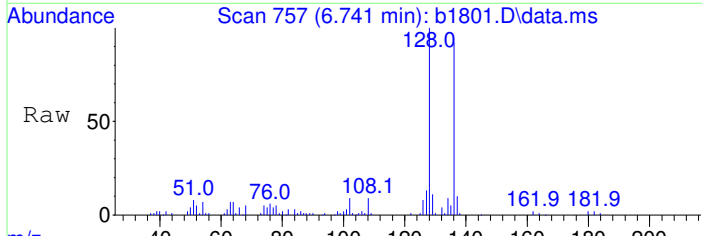
Tgt Ion:180	Resp:	27272	
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.3	115.9
145	25.2	21.0	31.6





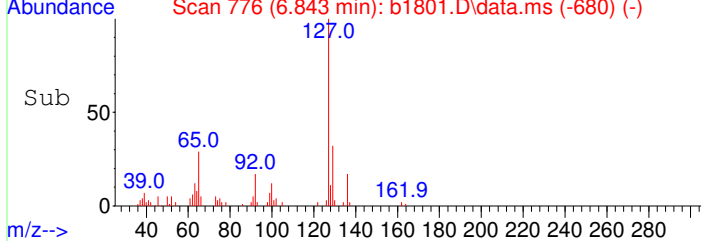
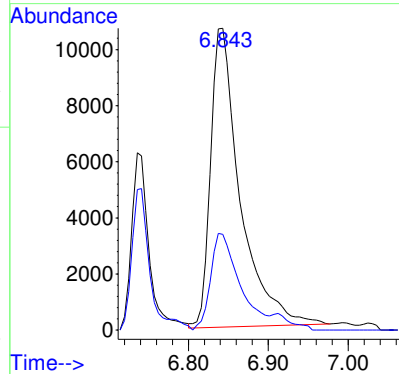
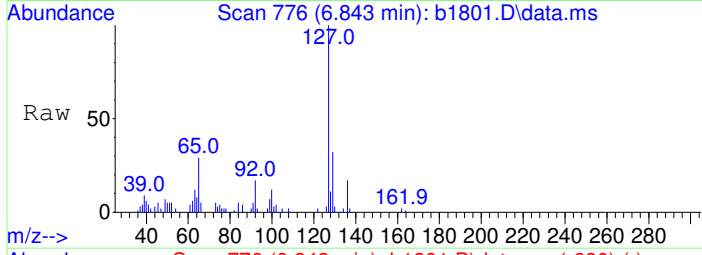
#30
Naphthalene
Concen: 5.24 ug
RT: 6.741 min Scan# 757
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

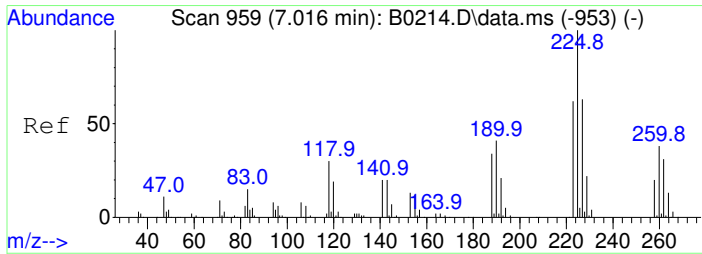
Tgt Ion:128	Resp:	72539
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.6 13.0
127	13.3	10.8 16.2



#32
4-Chloroaniline
Concen: 4.83 ug
RT: 6.843 min Scan# 776
Delta R.T. 0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

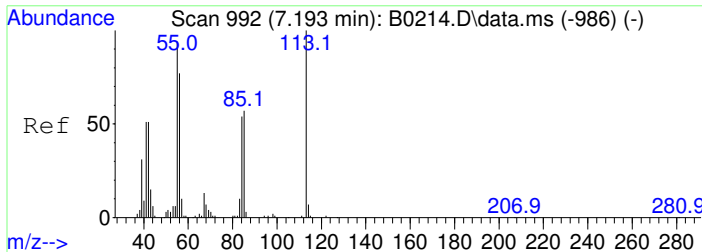
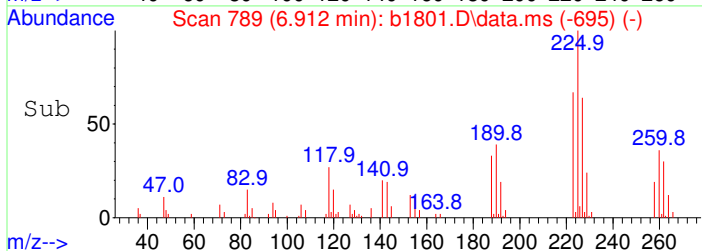
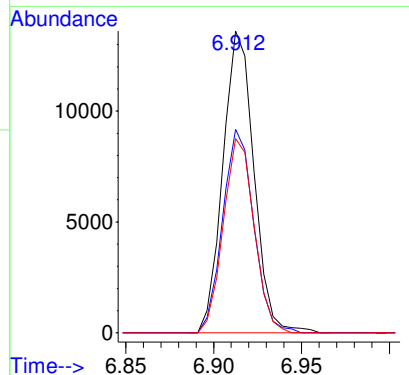
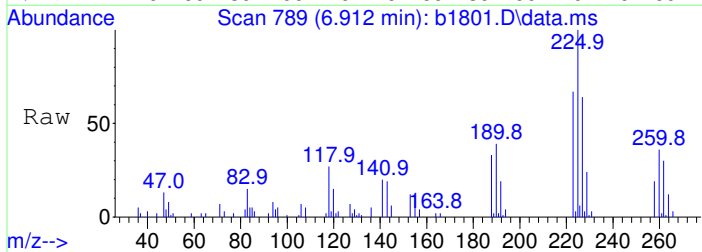
Tgt Ion:127	Resp:	27444
Ion Ratio	Lower	Upper
127	100	
129	32.0	25.8 38.8





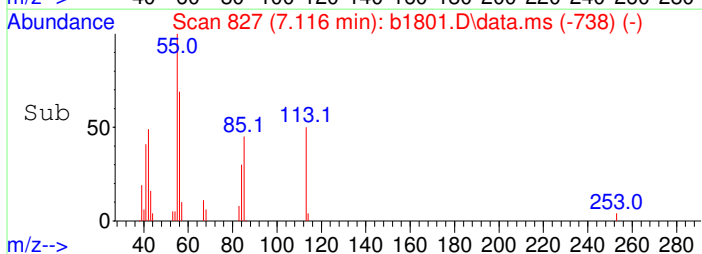
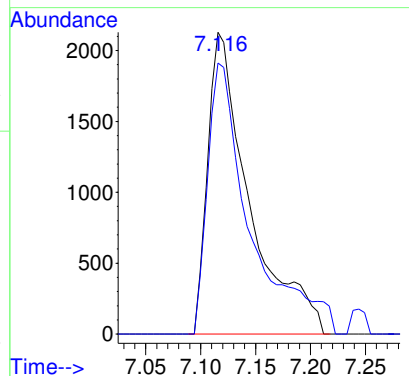
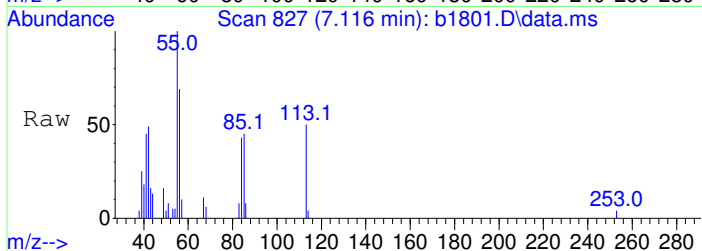
#33
Hexachlorobutadiene
Concen: 4.98 ug
RT: 6.912 min Scan# 789
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

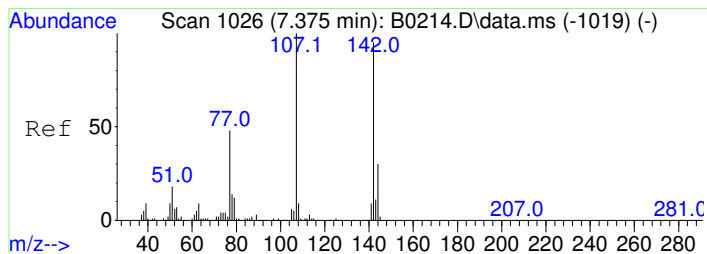
Tgt Ion:	225	Resp:	16731
Ion Ratio		Lower	Upper
225	100		
223	67.1	50.3	75.5
227	63.8	51.0	76.4



#34
Capralactam
Concen: 4.76 ug
RT: 7.116 min Scan# 827
Delta R.T. -0.027 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

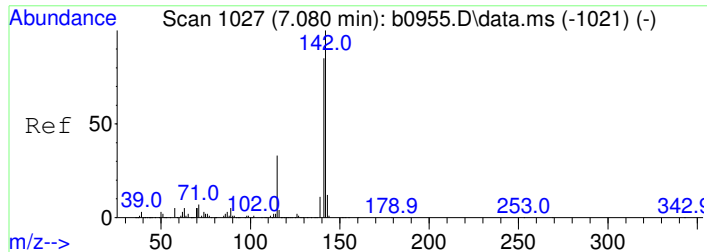
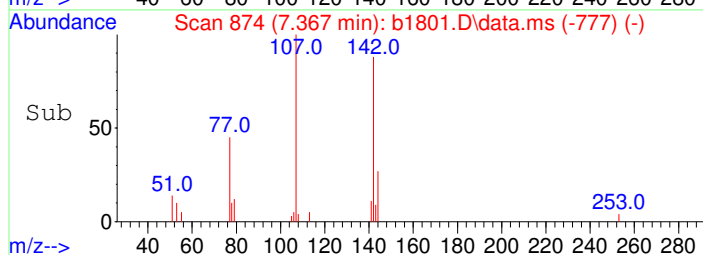
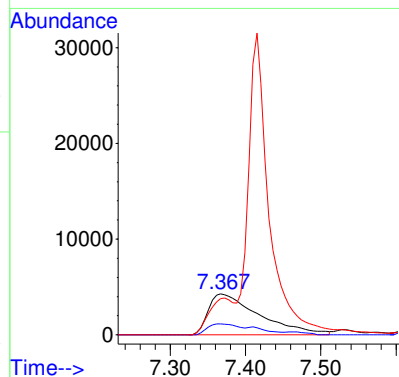
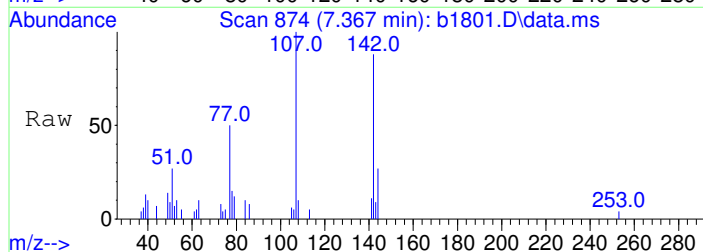
Tgt Ion:	113	Resp:	5608
Ion Ratio		Lower	Upper
113	100		
85	92.0	67.8	101.6





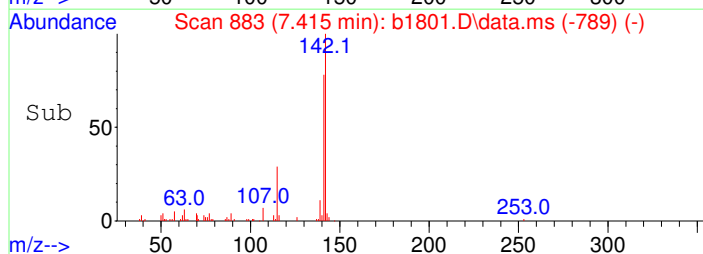
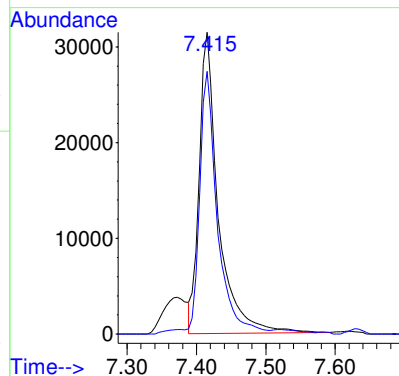
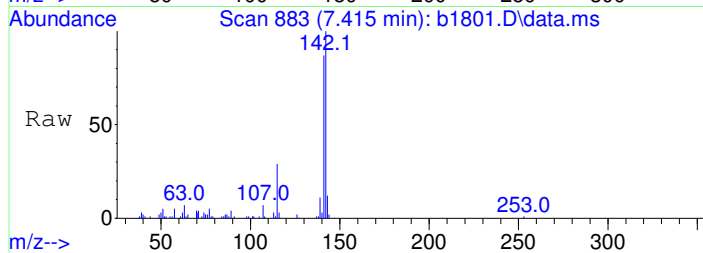
#35
4-Chloro-3-methylphenol
Concen: 5.21 ug
RT: 7.367 min Scan# 874
Delta R.T. 0.016 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

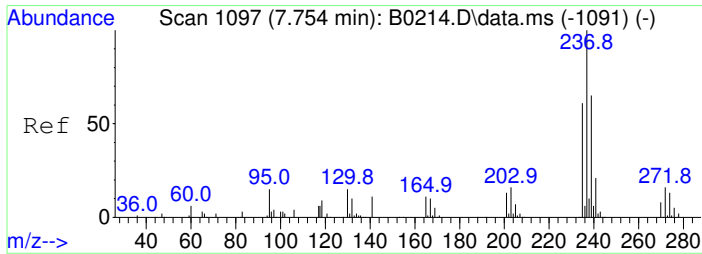
Tgt Ion	107	144	142
Ion Ratio	100	16.5	46.0
Resp	20240	25.2	553.0
Lower			
Upper		37.8#	829.6#



#36
2-Methylnaphthalene
Concen: 5.58 ug
RT: 7.415 min Scan# 883
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

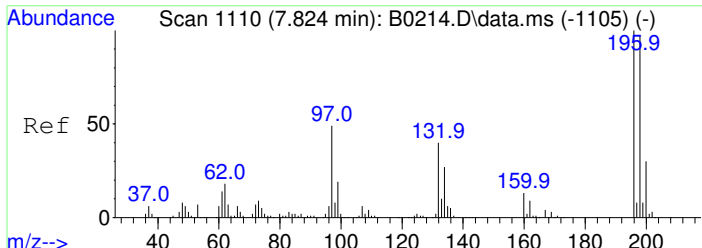
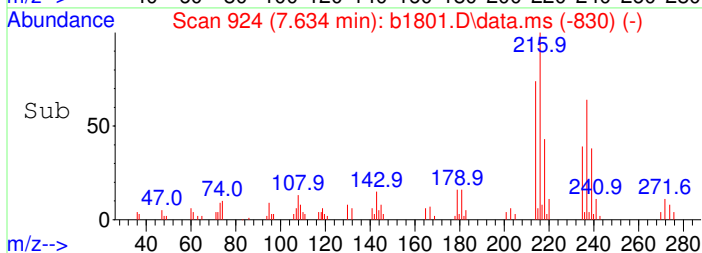
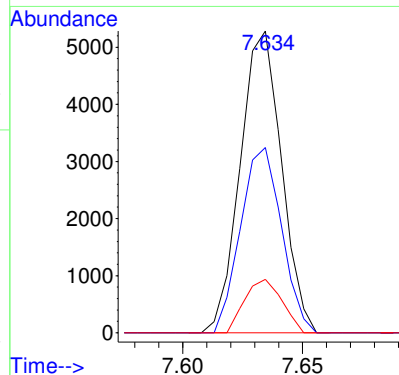
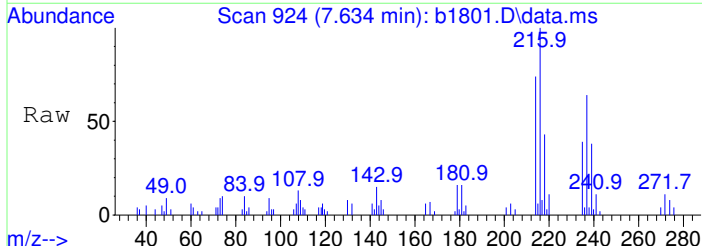
Tgt Ion	142	141
Ion Ratio	100	82.2
Resp	60350	65.0
Lower		
Upper		97.4





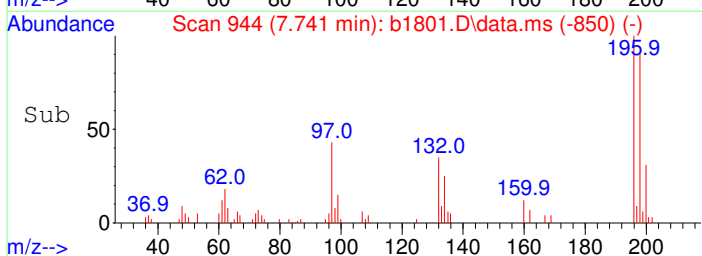
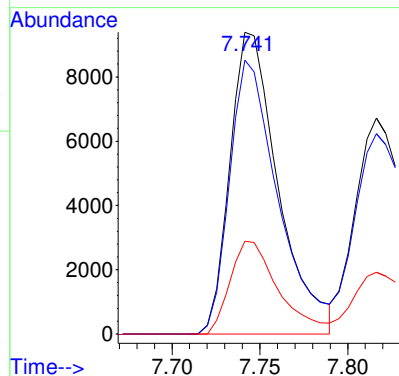
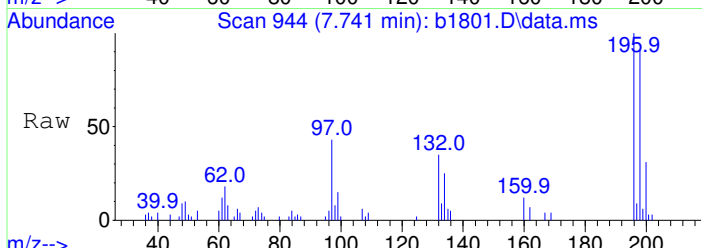
#38
 Hexachlorocyclopentadiene
 Concen: 9.51 ug
 RT: 7.634 min Scan# 924
 Delta R.T. 0.000 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

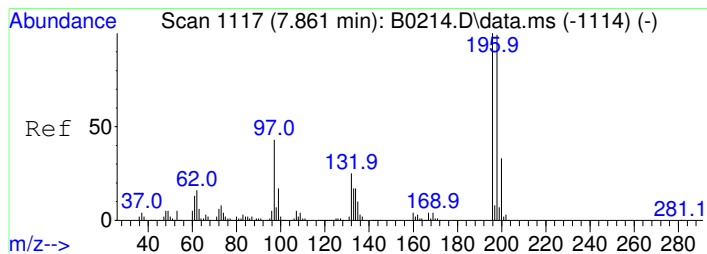
Tgt Ion:237	Resp:	6342
Ion Ratio	Lower	Upper
237	100	
235	60.9	50.7 76.1
272	16.0	10.9 16.3



#39
 2,4,6-Trichlorophenol
 Concen: 5.12 ug
 RT: 7.741 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

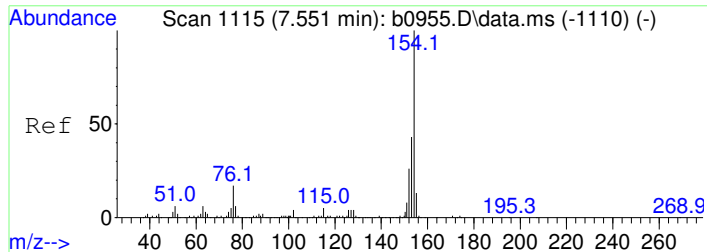
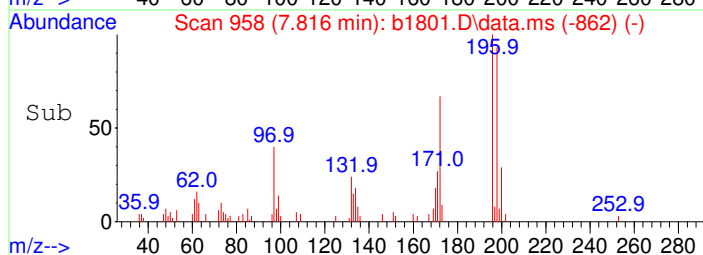
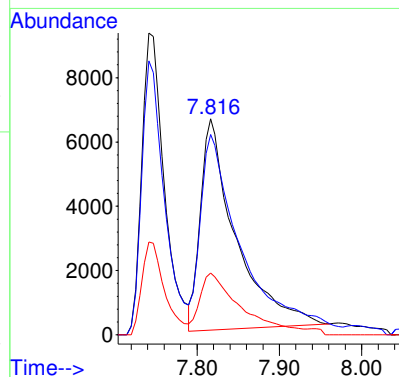
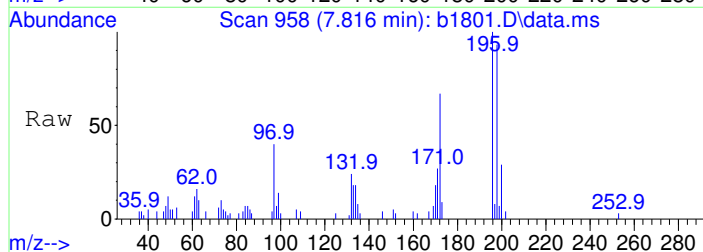
Tgt Ion:196	Resp:	18015
Ion Ratio	Lower	Upper
196	100	
198	91.3	75.6 113.4
200	30.9	25.0 37.6





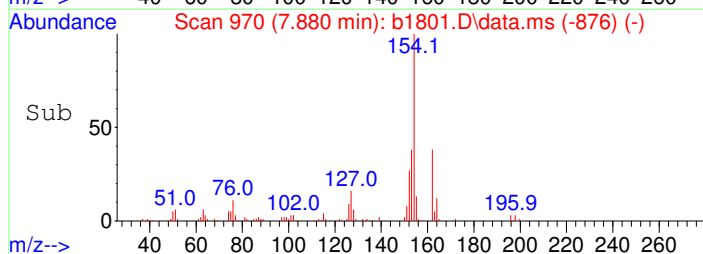
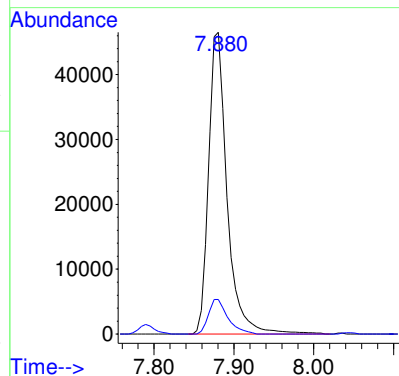
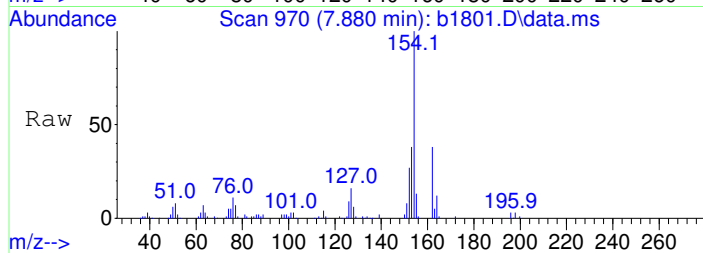
#40
2,4,5-Trichlorophenol
Concen: 4.81 ug
RT: 7.816 min Scan# 958
Delta R.T. 0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

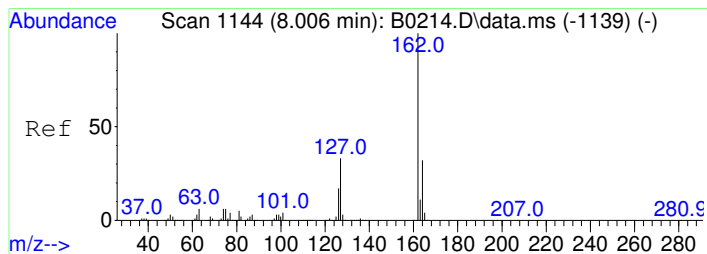
Tgt Ion	196	Resp	19719
Ion Ratio	Lower	Upper	
196	100		
198	103.6	75.8	113.8
200	35.2	25.0	37.4



#41
Biphenyl
Concen: 5.45 ug
RT: 7.880 min Scan# 970
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

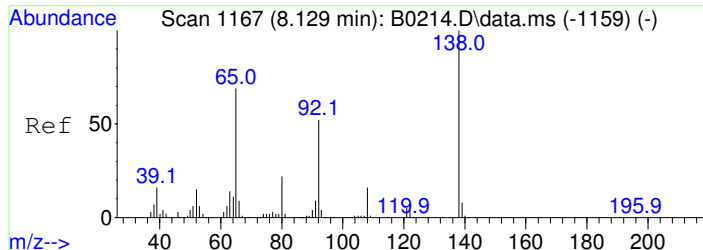
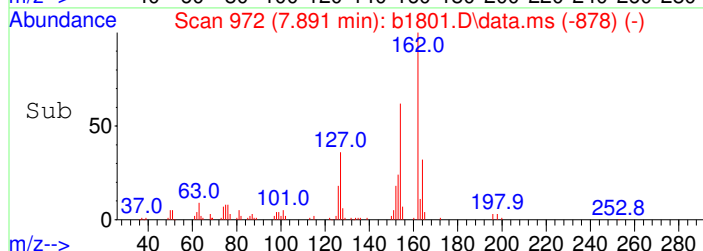
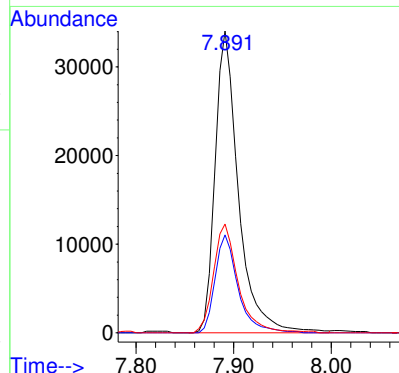
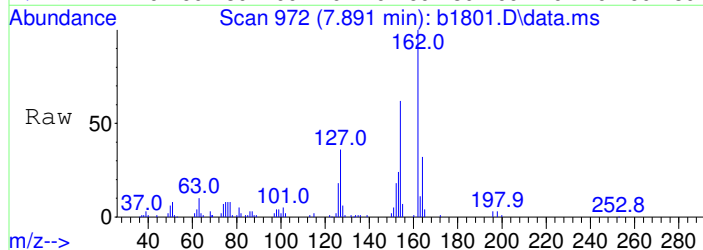
Tgt Ion	154	Resp	74961
Ion Ratio	Lower	Upper	
154	100		
76	12.1	7.5	11.3#





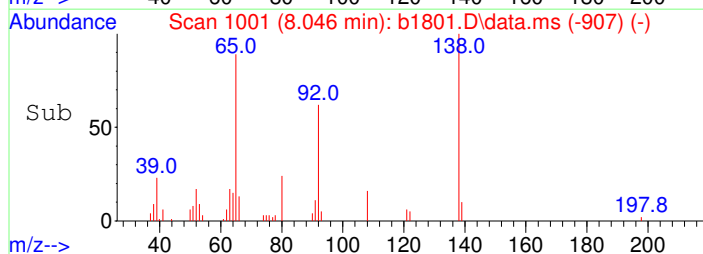
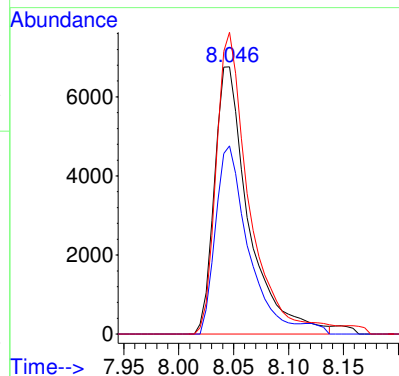
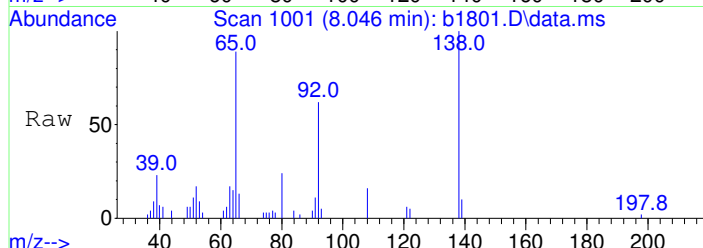
#43
2-Chloronaphthalene
Concen: 5.43 ug
RT: 7.891 min Scan# 972
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

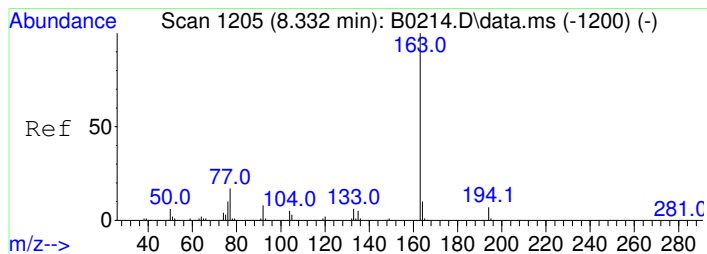
Tgt Ion:162	Resp:	56715
Ion Ratio	Lower	Upper
162	100	
164	31.8	26.9 40.3
127	38.2	29.1 43.7



#44
2-Nitroaniline
Concen: 5.26 ug
RT: 8.046 min Scan# 1001
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

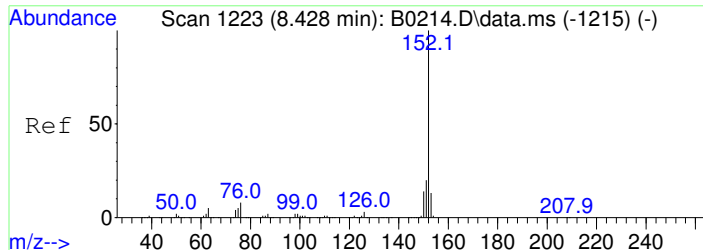
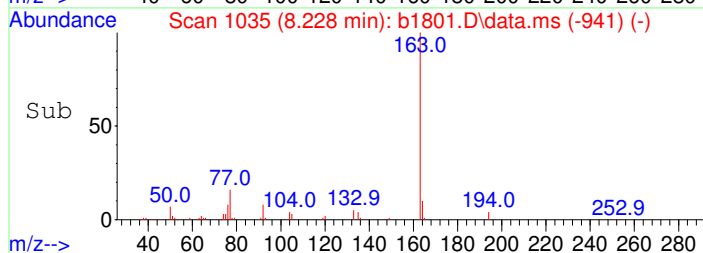
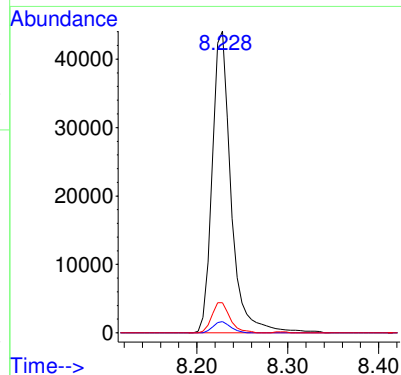
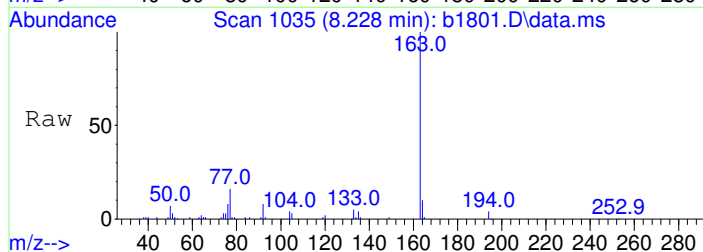
Tgt Ion: 65	Resp:	14699
Ion Ratio	Lower	Upper
65	100	
92	68.9	59.8 89.8
138	110.8	122.2 183.4#





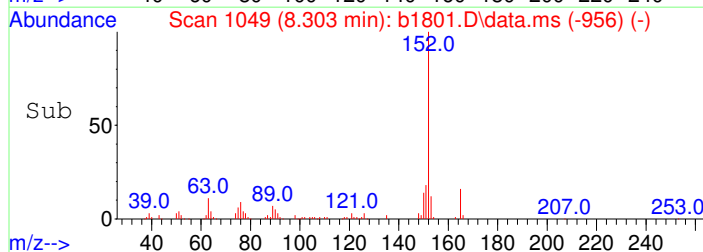
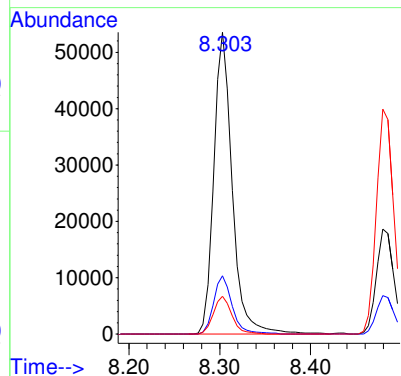
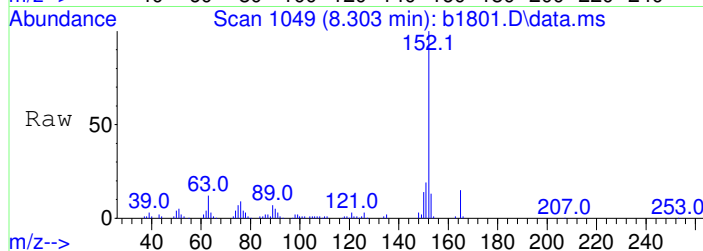
#45
Dimethylphthalate
Concen: 5.41 ug
RT: 8.228 min Scan# 1035
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

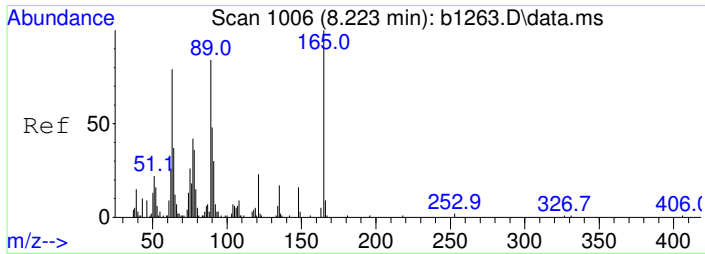
Tgt Ion	163	194	164
Ion Ratio	100	3.4	0.0
Resp	64011	5.7	8.2
Lower			
Upper		8.5#	12.2#



#46
Acenaphthylene
Concen: 5.47 ug
RT: 8.303 min Scan# 1049
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

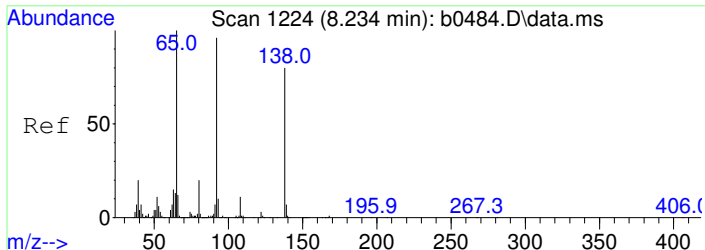
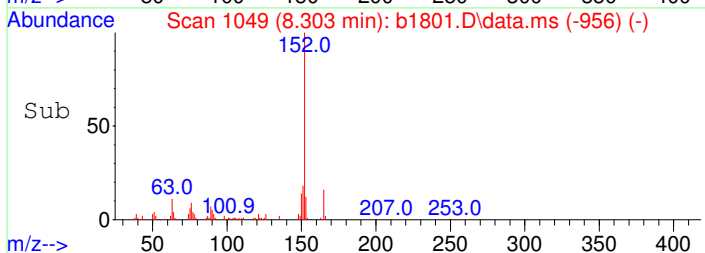
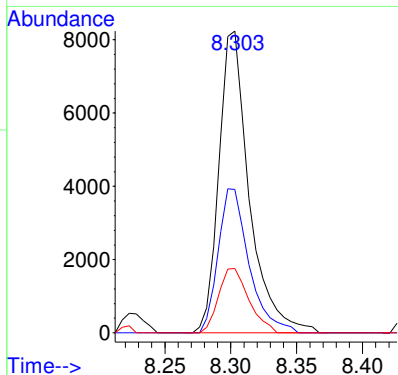
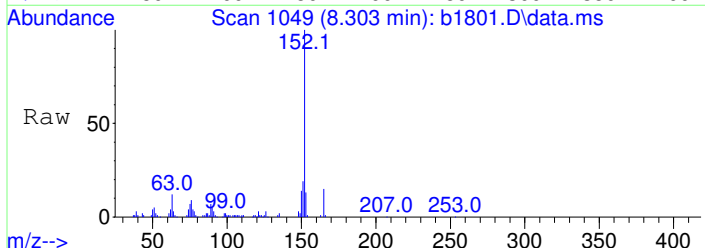
Tgt Ion	152	151	153
Ion Ratio <td>100</td> <td>19.4</td> <td>12.5</td>	100	19.4	12.5
Resp <td>75571</td> <td>15.8</td> <td>10.7</td>	75571	15.8	10.7
Lower			
Upper		23.6	16.1





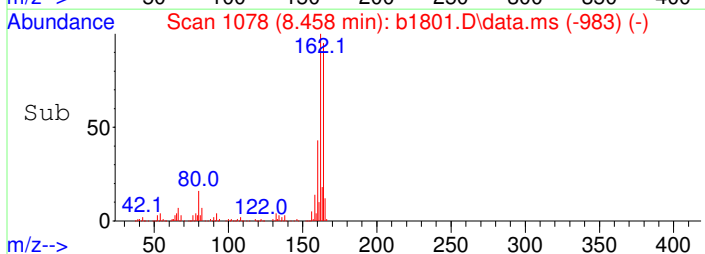
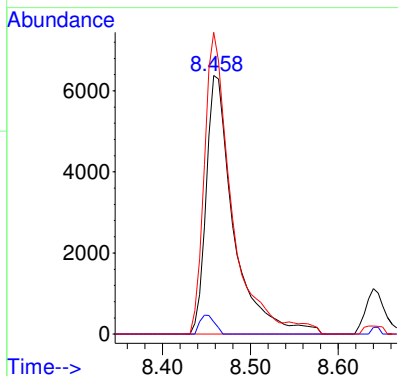
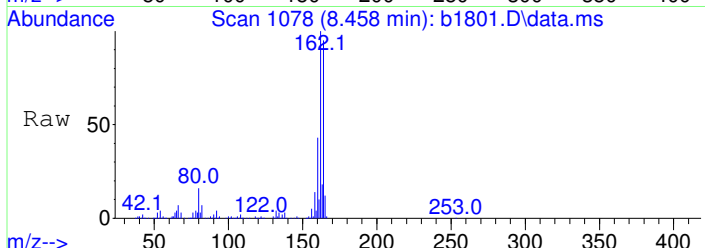
#47
 2,6-Dinitrotoluene
 Concen: 5.16 ug
 RT: 8.303 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

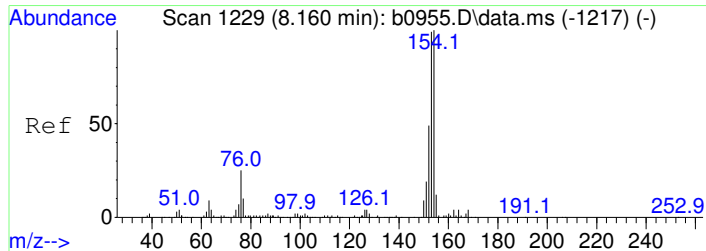
Tgt Ion	165	Resp	13248
Ion Ratio	Lower	Upper	
165	100		
89	48.5	38.0	57.0
121	21.2	15.6	23.4



#48
 3-Nitroaniline
 Concen: 5.34 ug
 RT: 8.458 min Scan# 1078
 Delta R.T. 0.005 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

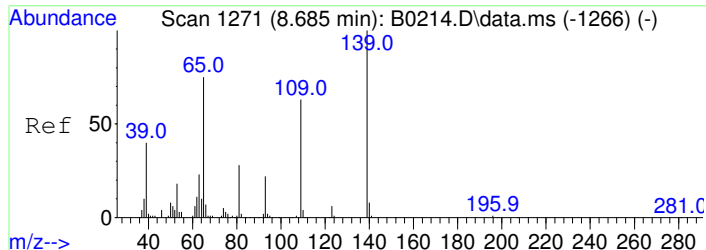
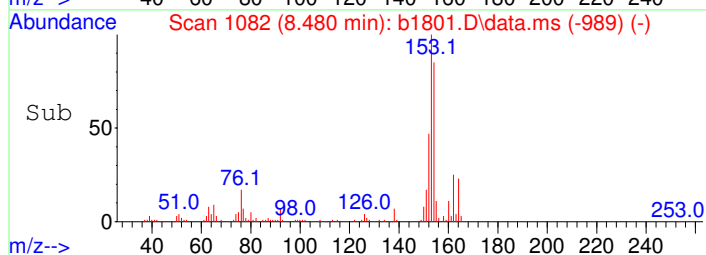
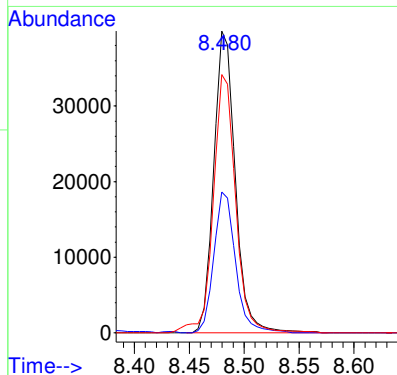
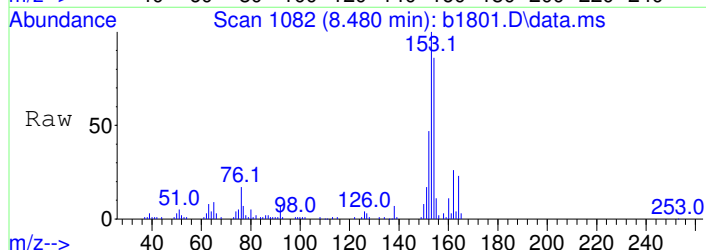
Tgt Ion	138	Resp	13905
Ion Ratio	Lower	Upper	
138	100		
109	3.9	1.2	1.8#
92	112.6	44.2	66.2#





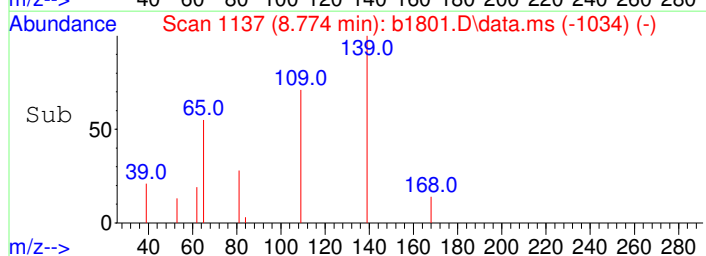
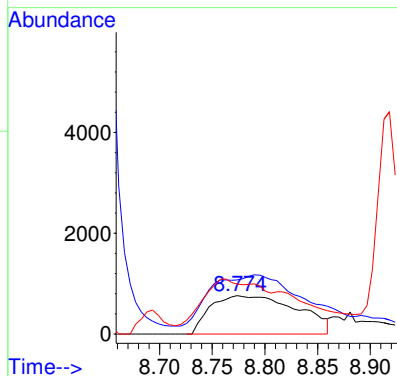
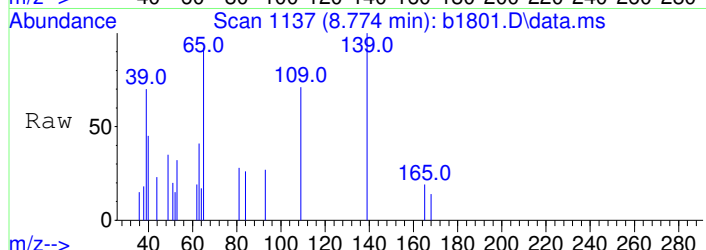
#49
Acenaphthene
Concen: 5.42 ug
RT: 8.480 min Scan# 1082
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

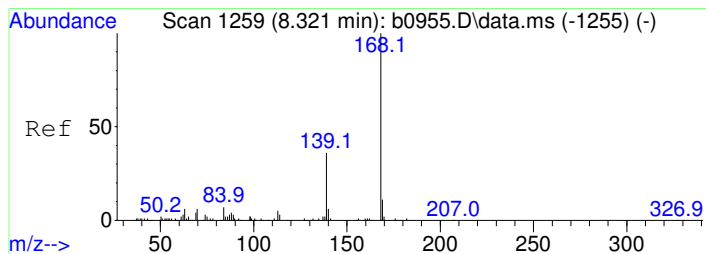
Tgt Ion:153	Resp:	54574
Ion Ratio	Lower	Upper
153	100	
152	46.9	37.8 56.8
154	89.0	74.1 111.1



#51
4-Nitrophenol
Concen: 3.66 ug
RT: 8.774 min Scan# 1137
Delta R.T. 0.048 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

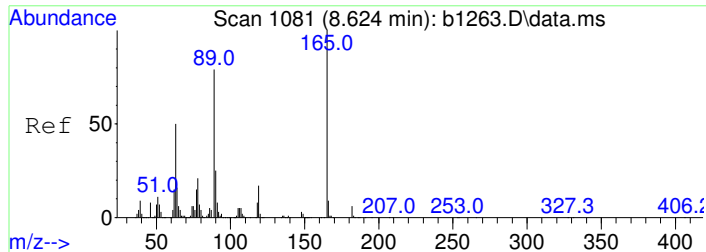
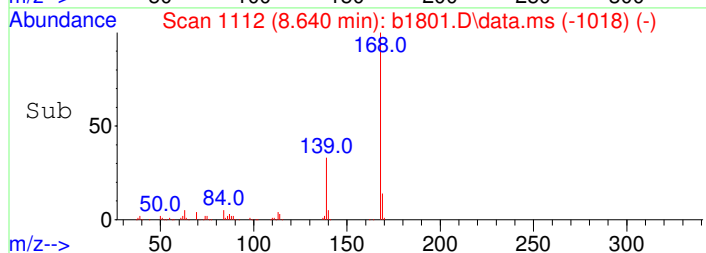
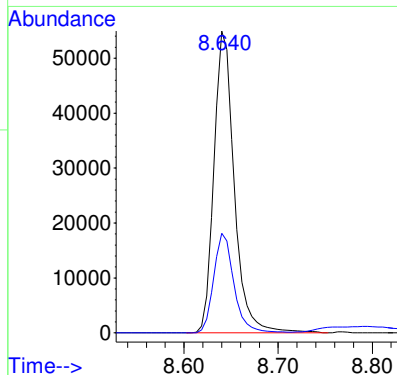
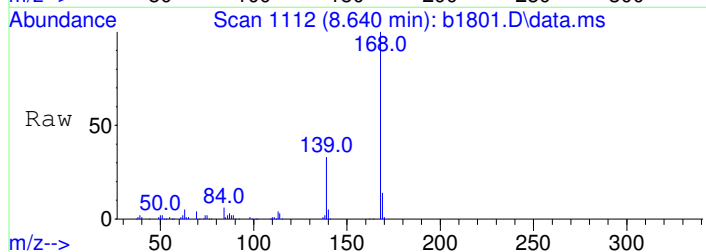
Tgt Ion:109	Resp:	4376
Ion Ratio	Lower	Upper
109	100	
139	201.6	122.6 183.8#
65	79.8	122.6 184.0#





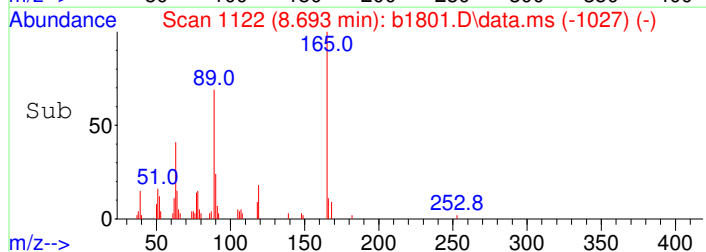
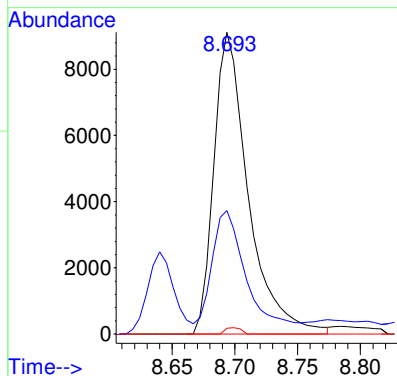
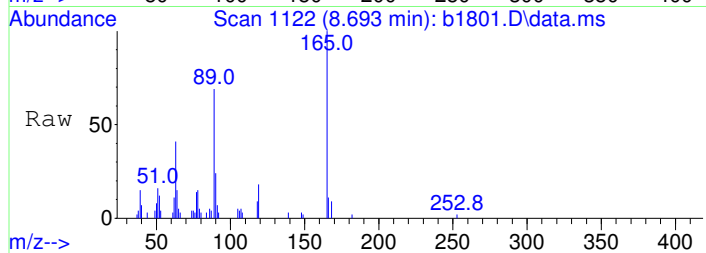
#52
Dibenzofuran
Concen: 5.45 ug
RT: 8.640 min Scan# 1112
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

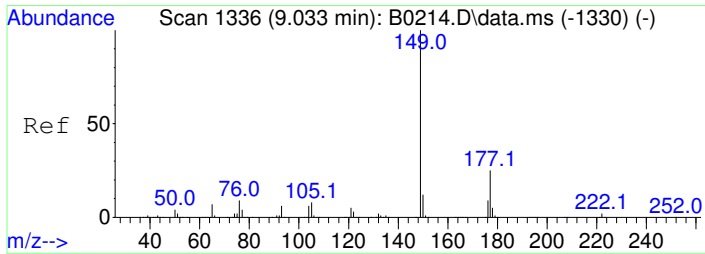
Tgt Ion:168 Resp: 82376
Ion Ratio Lower Upper
168 100
139 32.8 30.5 45.7



#53
2,4-Dinitrotoluene
Concen: 4.77 ug
RT: 8.693 min Scan# 1122
Delta R.T. 0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

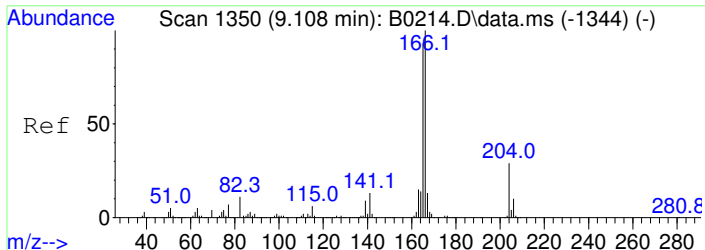
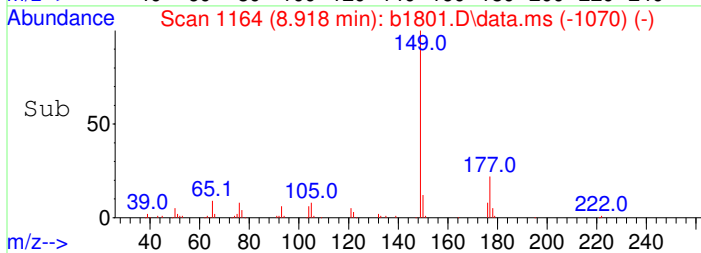
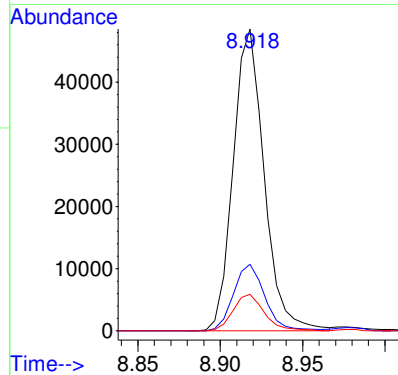
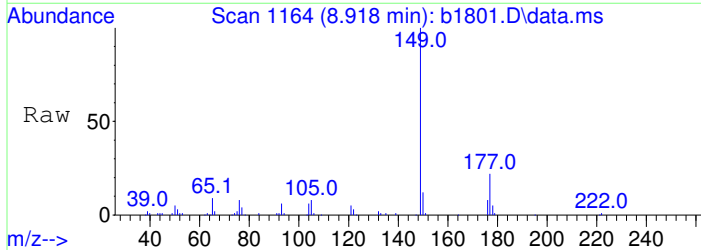
Tgt Ion:165 Resp: 17405
Ion Ratio Lower Upper
165 100
63 35.9 29.4 44.0
182 0.0 4.5 6.7#





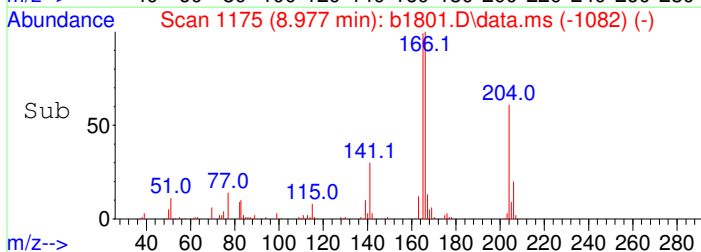
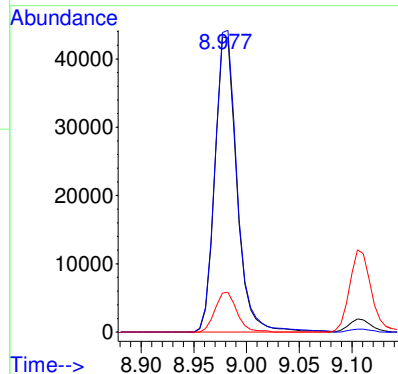
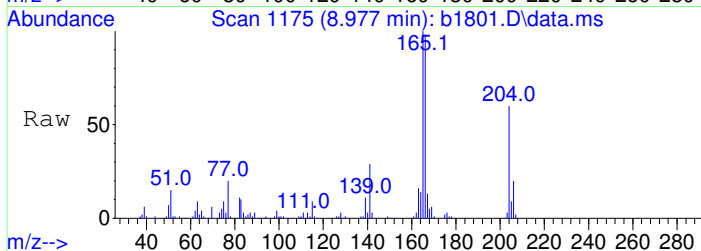
#54
Diethylphthalate
Concen: 5.38 ug
RT: 8.918 min Scan# 1164
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

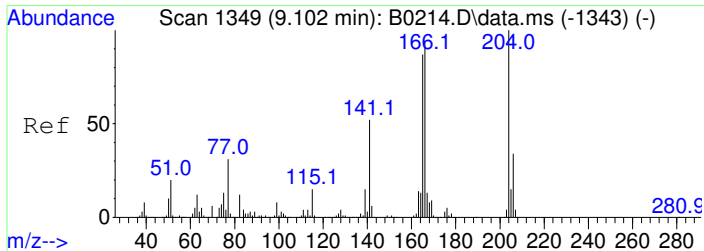
Tgt Ion:149	Resp: 63419
Ion Ratio	Lower Upper
149	100
177	22.3 19.8 29.8
150	12.2 10.0 15.0



#55
Fluorene
Concen: 5.33 ug
RT: 8.977 min Scan# 1175
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

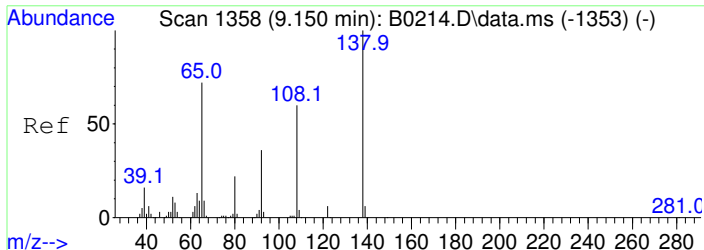
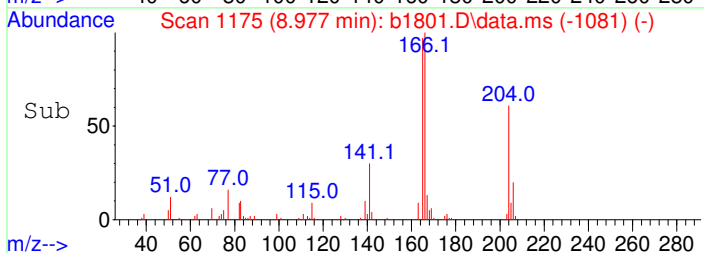
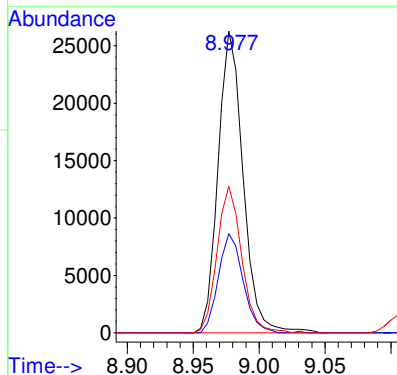
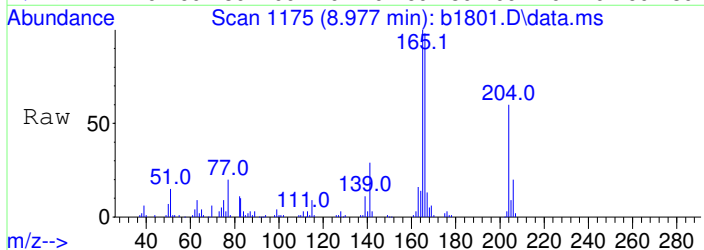
Tgt Ion:166	Resp: 62752
Ion Ratio	Lower Upper
166	100
165	103.3 75.2 112.8
167	13.4 11.4 17.0





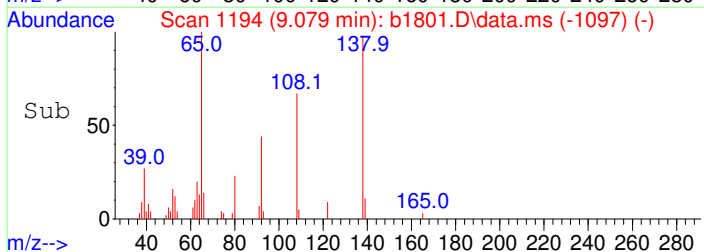
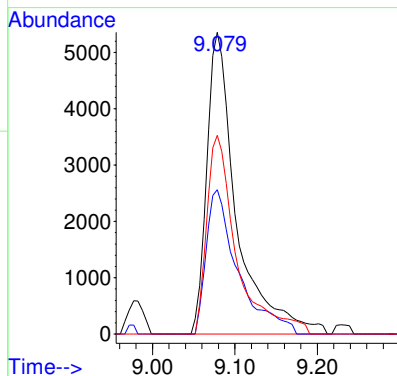
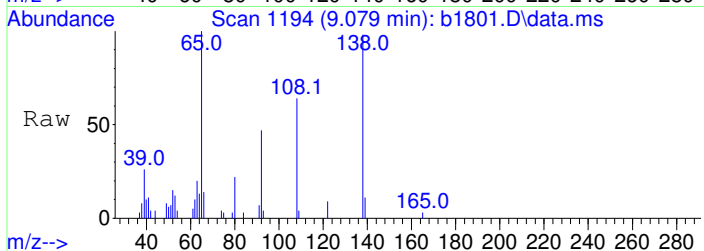
#56
4-Chlorophenyl-phenyle
Concen: 5.43 ug
RT: 8.977 min Scan# 1175
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

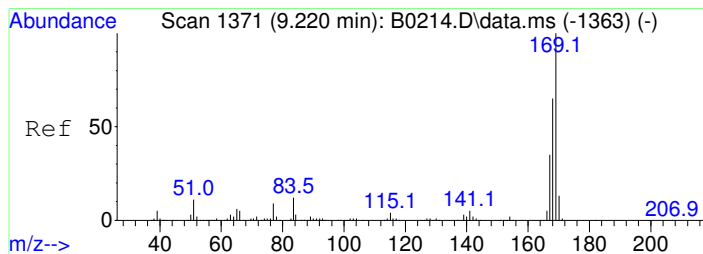
Tgt Ion:204	Resp:	34766
Ion Ratio	Lower	Upper
204	100	
206	32.3	27.0 40.4
141	47.7	40.8 61.2



#57
4-Nitroaniline
Concen: 5.24 ug
RT: 9.079 min Scan# 1194
Delta R.T. 0.016 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

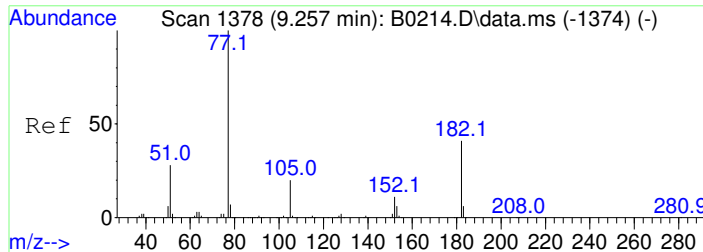
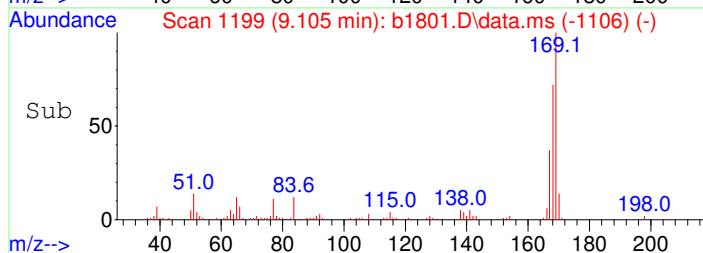
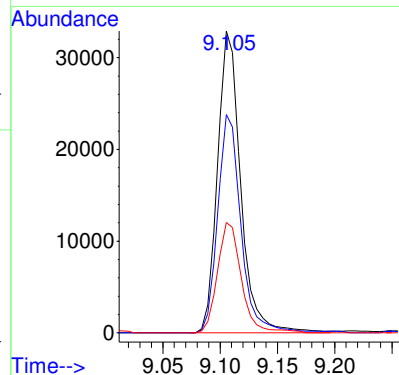
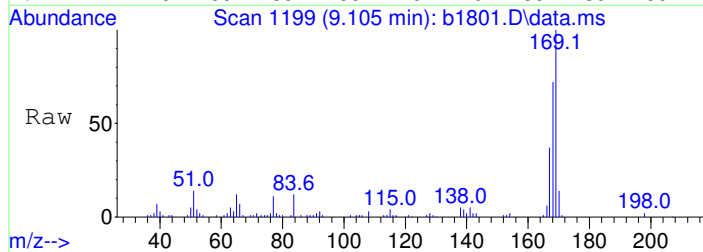
Tgt Ion:138	Resp:	13521
Ion Ratio	Lower	Upper
138	100	
92	50.9	32.2 48.2#
108	65.7	60.6 90.8





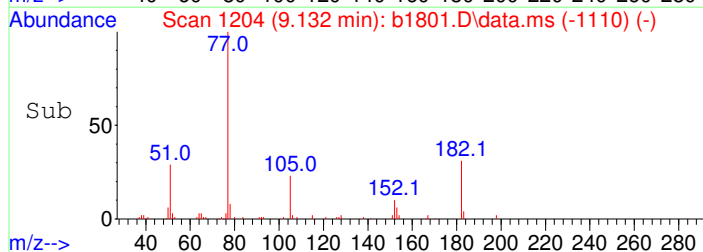
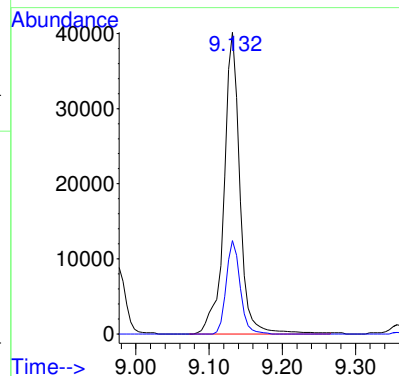
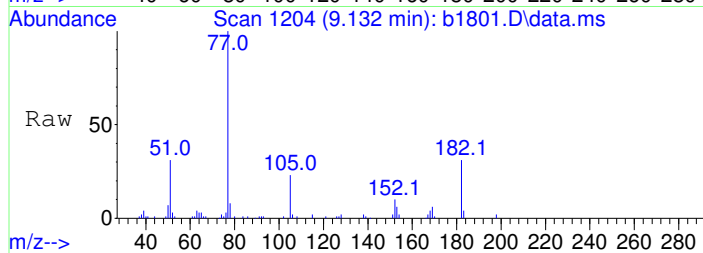
#60
n-Nitrosodiphenylamine
Concen: 5.32 ug
RT: 9.105 min Scan# 1199
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

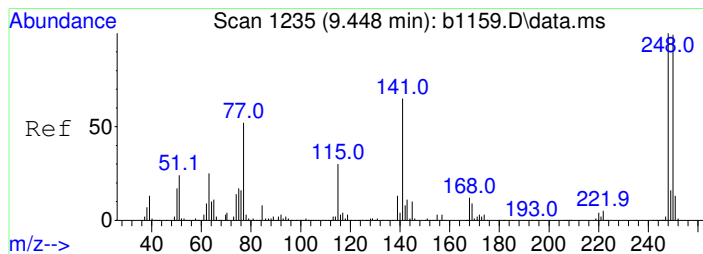
Tgt Ion	Resp	Lower	Upper
169	100		
168	72.8	51.0	76.6
167	37.5	27.7	41.5



#62
Azobenzene
Concen: 5.20 ug
RT: 9.132 min Scan# 1204
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

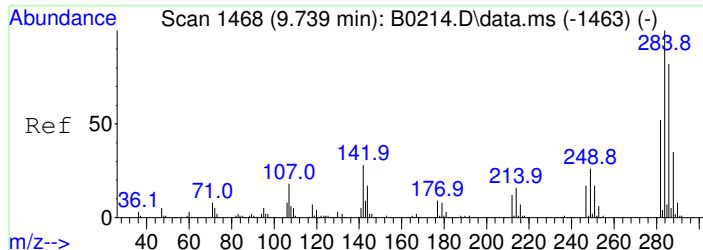
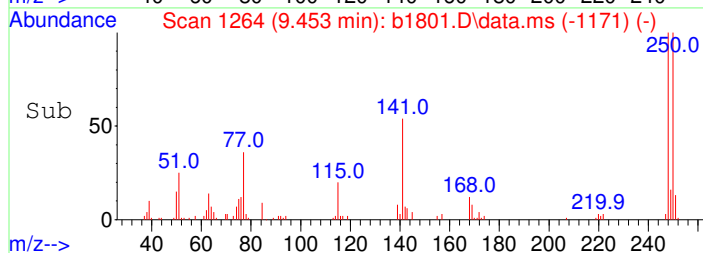
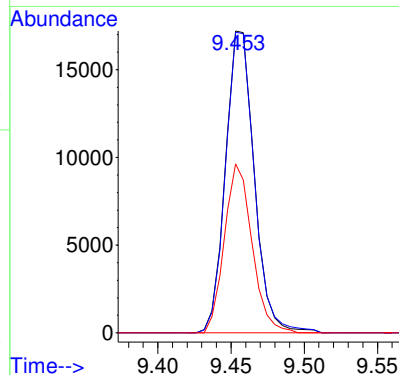
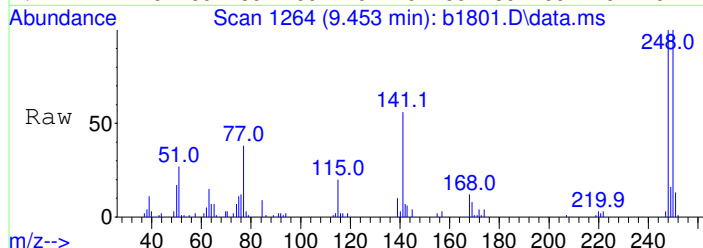
Tgt Ion	Resp	Lower	Upper
77	100		
182	27.1	30.2	45.4#





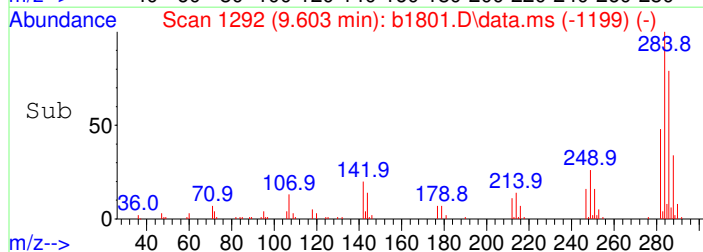
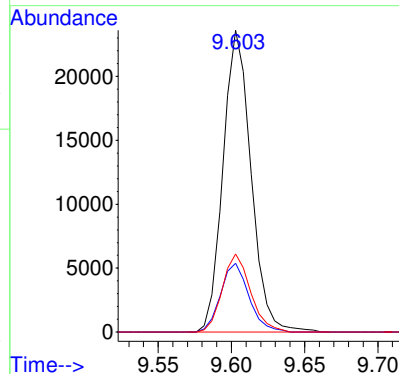
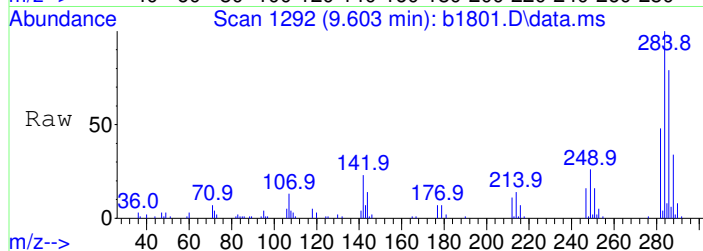
#63
 4-Bromophenyl-phenylether
 Concen: 5.22 ug
 RT: 9.453 min Scan# 1264
 Delta R.T. -0.005 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

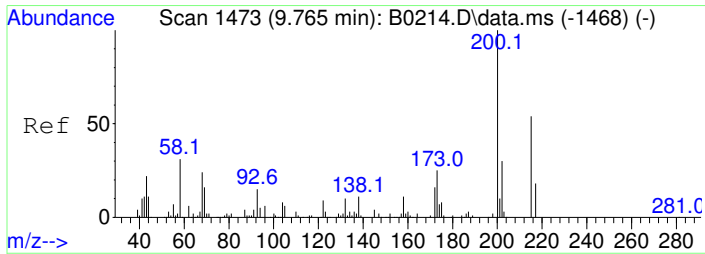
Tgt Ion:	248	Resp:	23535
Ion Ratio	Lower	Upper	
248	100		
250	99.4	76.7	115.1
141	53.7	46.2	69.2



#64
 Hexachlorobenzene
 Concen: 5.43 ug
 RT: 9.603 min Scan# 1292
 Delta R.T. -0.005 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

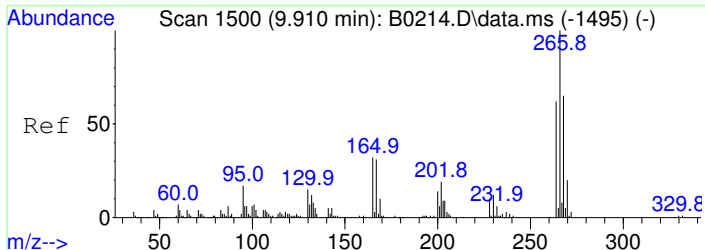
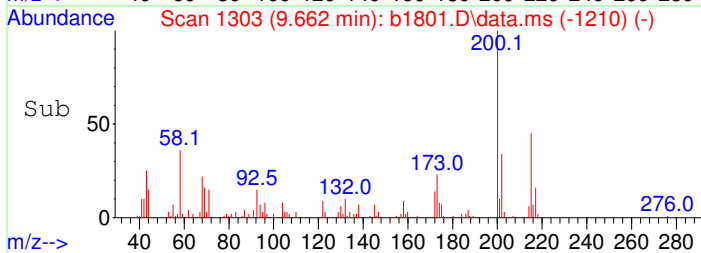
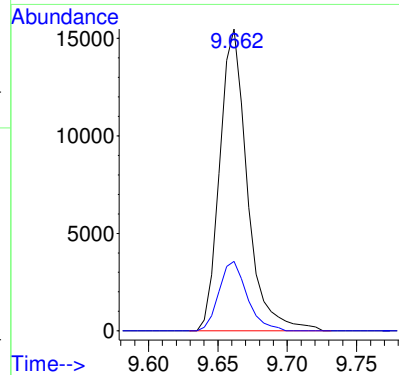
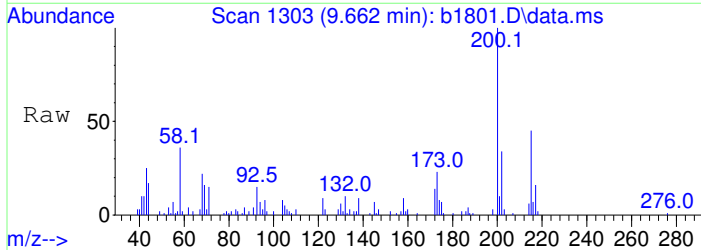
Tgt Ion:	284	Resp:	31378
Ion Ratio	Lower	Upper	
284	100		
142	23.0	24.7	37.1#
249	26.1	23.0	34.4





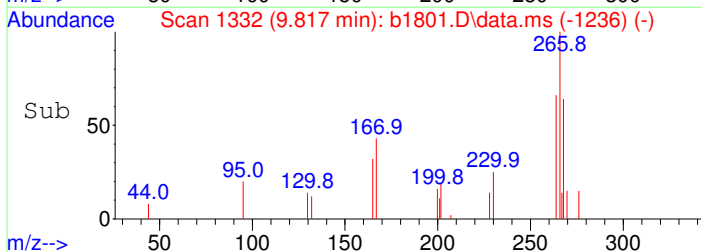
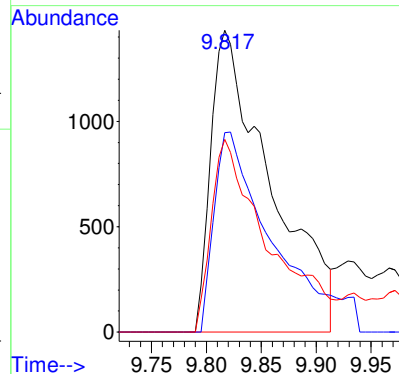
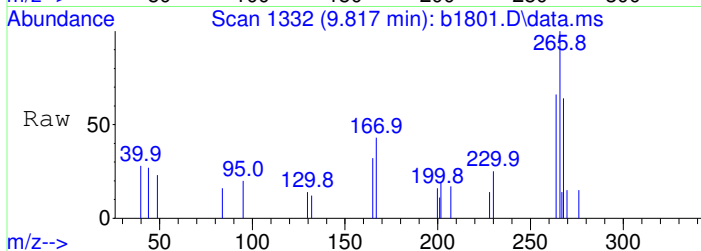
#65
Atrazine
Concen: 5.12 ug
RT: 9.662 min Scan# 1303
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

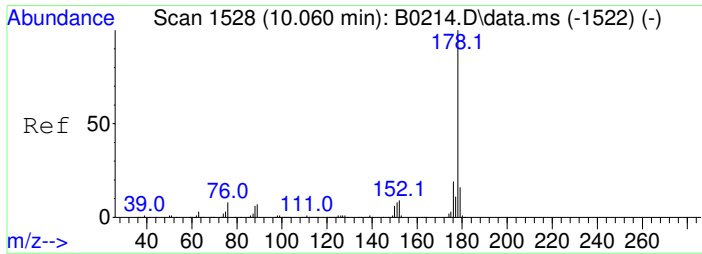
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	19.8	29.8



#66
Pentachlorophenol
Concen: 2.36 ug
RT: 9.817 min Scan# 1332
Delta R.T. 0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

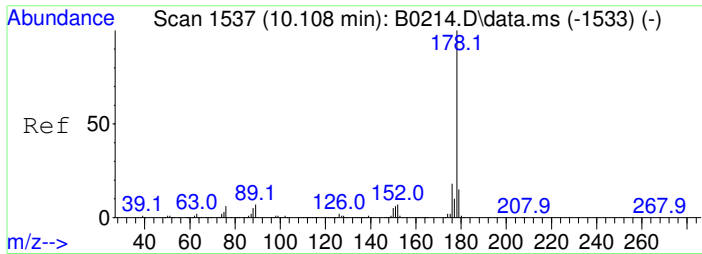
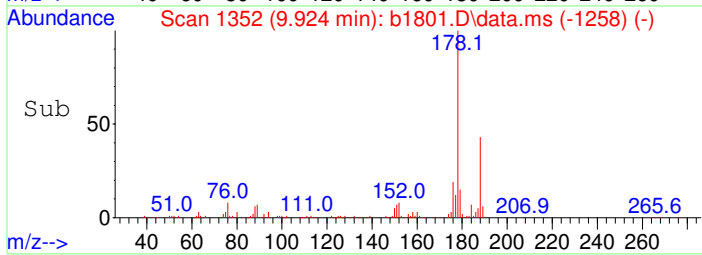
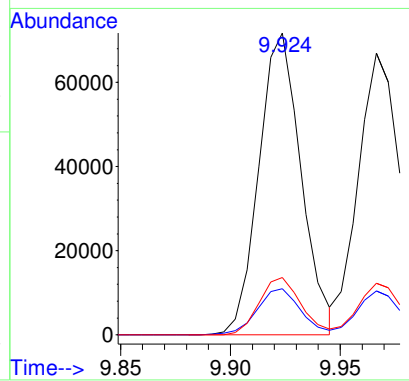
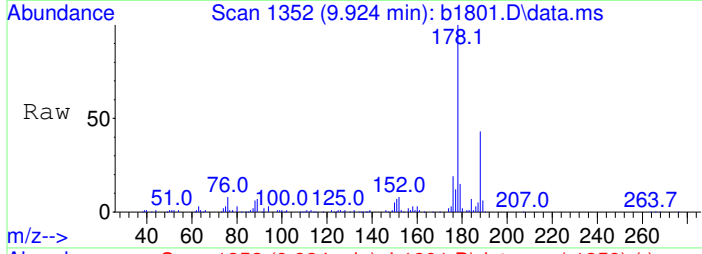
Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.3	49.3	73.9
268	61.3	50.1	75.1





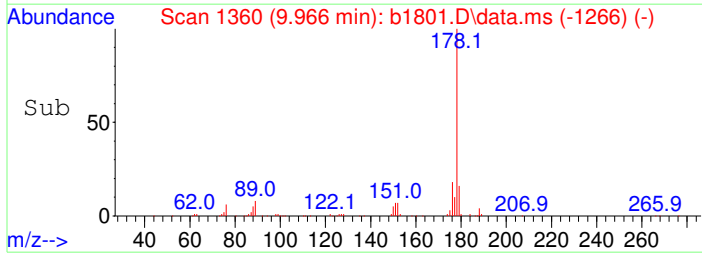
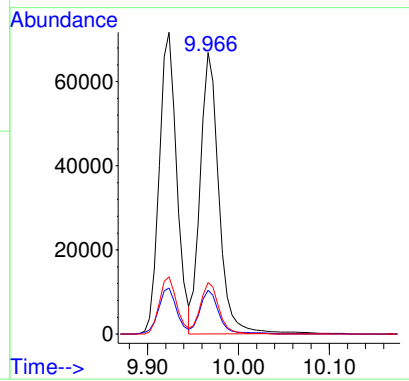
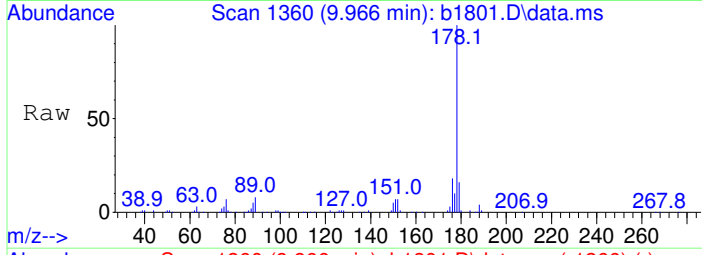
#67
 Phenanthrene
 Concen: 5.33 ug
 RT: 9.924 min Scan# 1352
 Delta R.T. 0.000 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

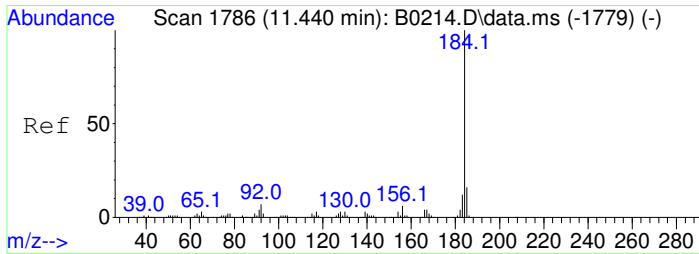
Tgt Ion:178	Resp:	95893
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.2 18.2
176	18.9	15.2 22.8



#68
 Anthracene
 Concen: 5.42 ug
 RT: 9.966 min Scan# 1360
 Delta R.T. 0.000 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

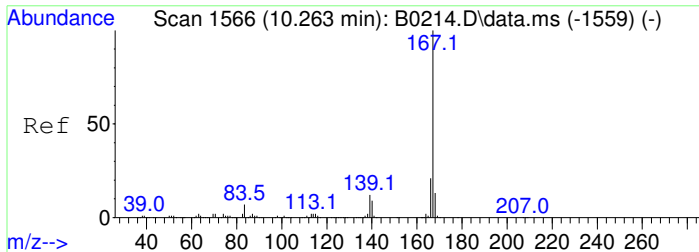
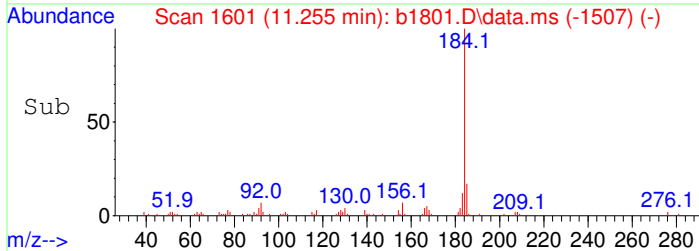
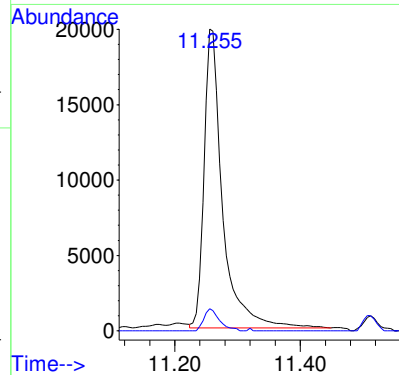
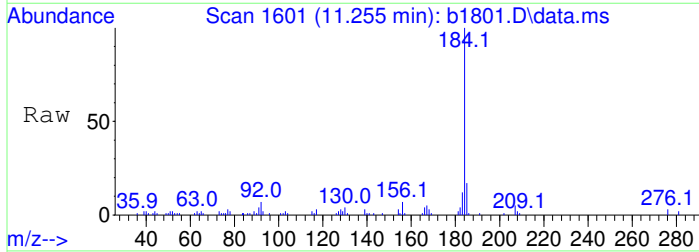
Tgt Ion:178	Resp:	95350
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.4 18.6
176	18.3	14.8 22.2





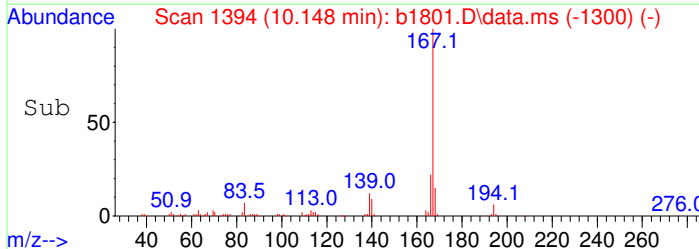
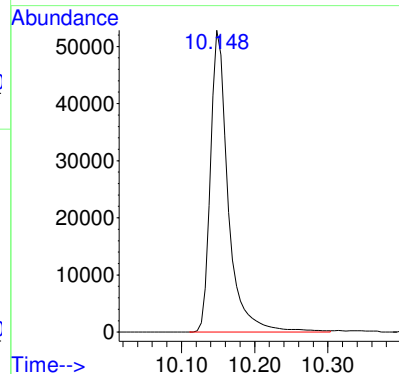
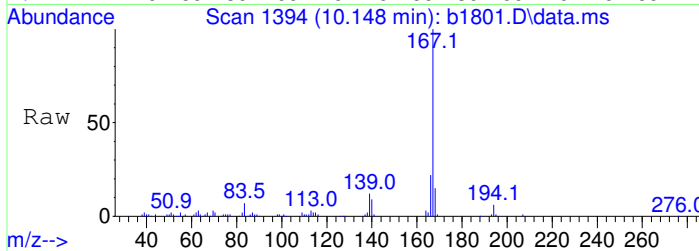
#69
Benzidine
Concen: 5.53 ug
RT: 11.255 min Scan# 1601
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

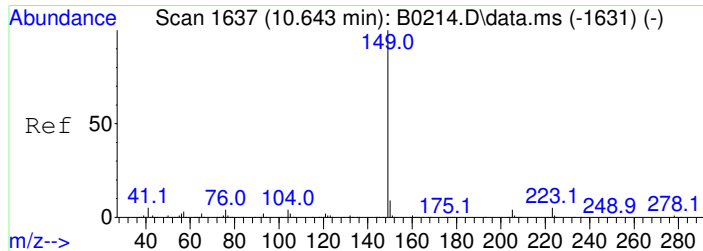
Tgt Ion	Ratio	Lower	Upper
184	100		
92	6.2	4.3	6.5



#70
Carbazole
Concen: 5.30 ug
RT: 10.148 min Scan# 1394
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

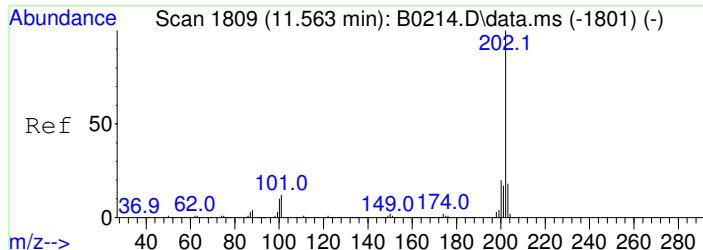
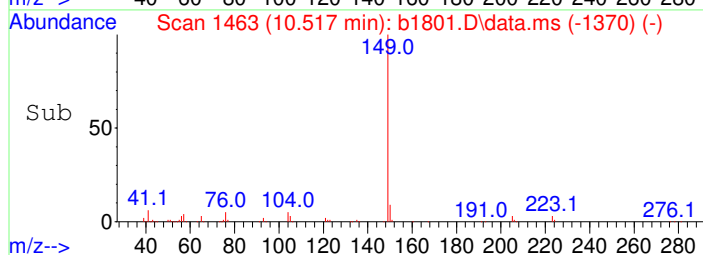
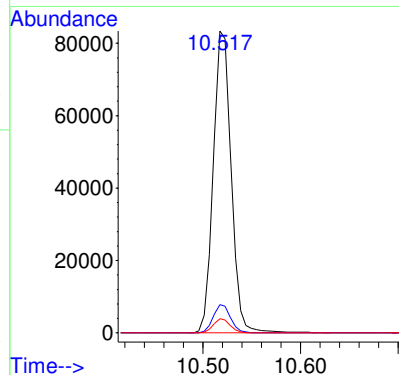
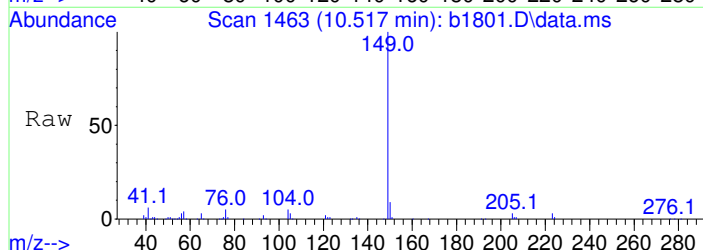
Tgt Ion:167 Resp: 89286





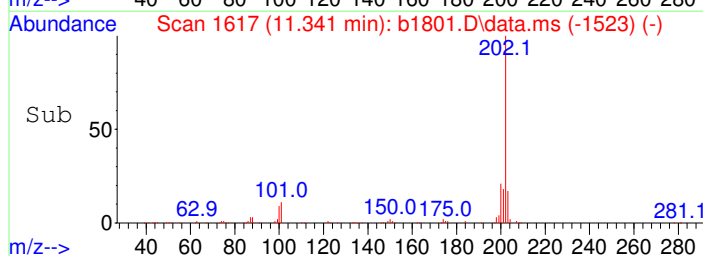
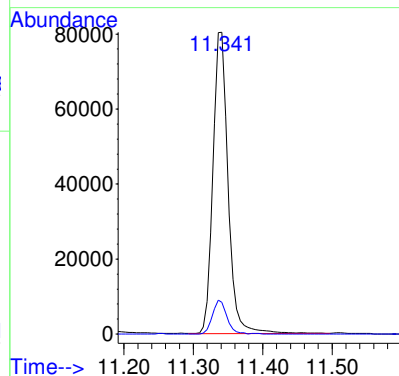
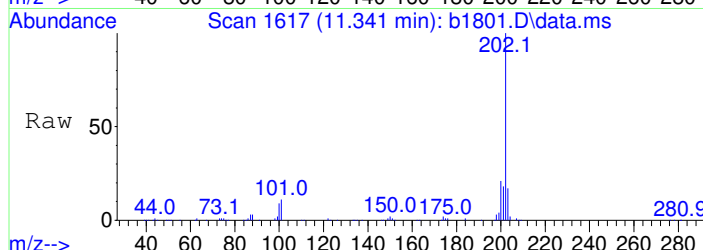
#71
Di-n-butylphthalate
Concen: 5.26 ug
RT: 10.517 min Scan# 1463
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

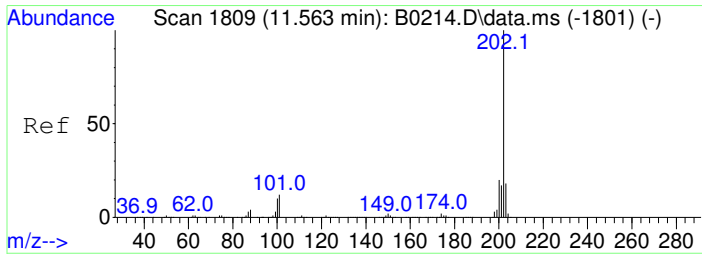
Tgt Ion:149	Resp: 106337
Ion Ratio	Lower Upper
149 100	
150 9.0	7.3 10.9
104 4.4	4.1 6.1



#72
Fluoranthene
Concen: 5.43 ug
RT: 11.341 min Scan# 1617
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

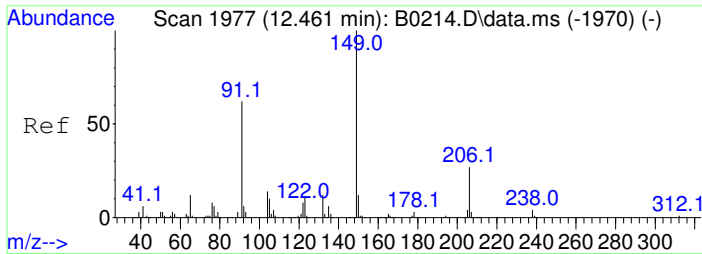
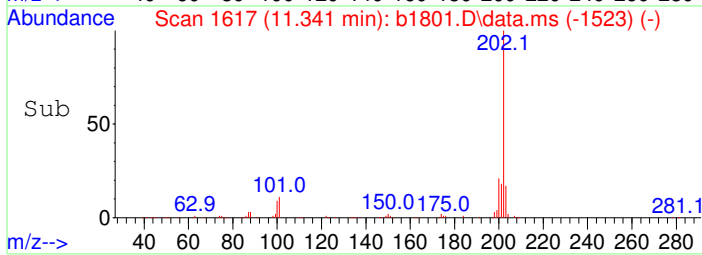
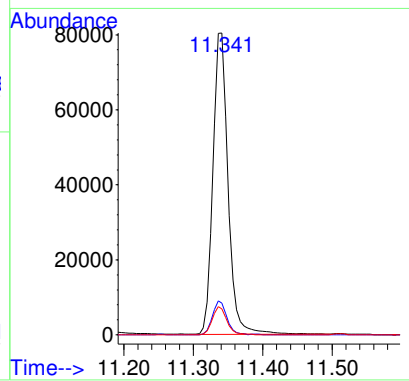
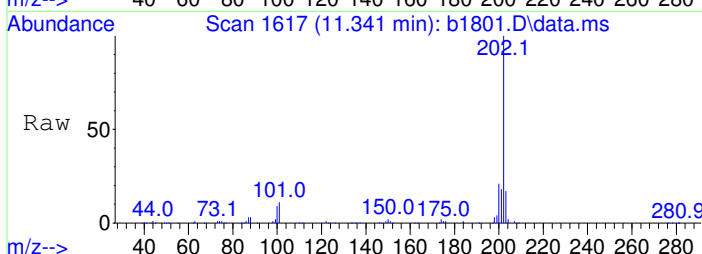
Tgt Ion:202	Resp: 122171
Ion Ratio	Lower Upper
202 100	
101 10.6	9.3 13.9





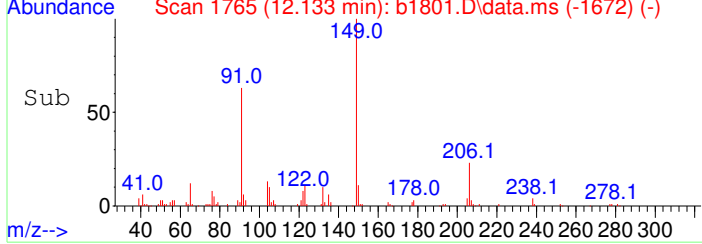
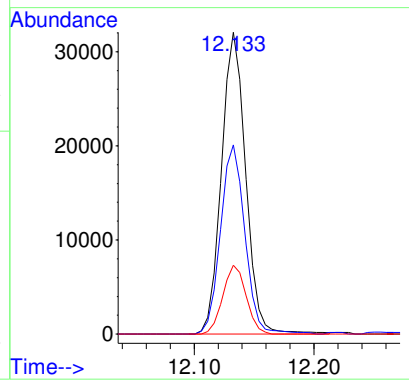
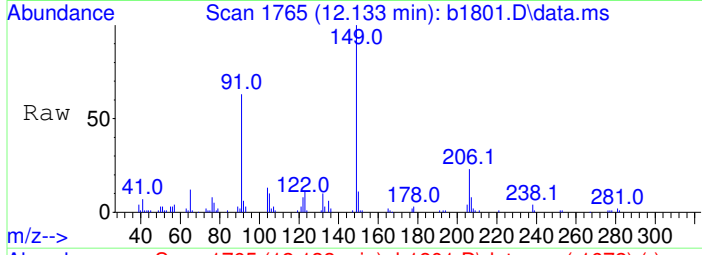
#74
 Pyrene
 Concen: 5.38 ug
 RT: 11.341 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

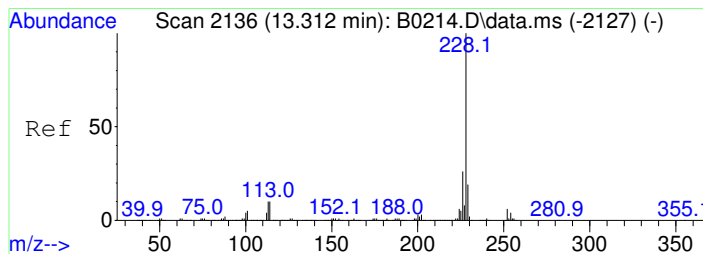
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	11.0	16.6#
100	9.0	8.9	13.3



#76
 Butylbenzylphthalate
 Concen: 5.21 ug
 RT: 12.133 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

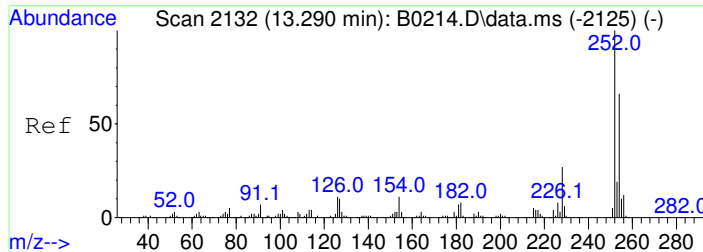
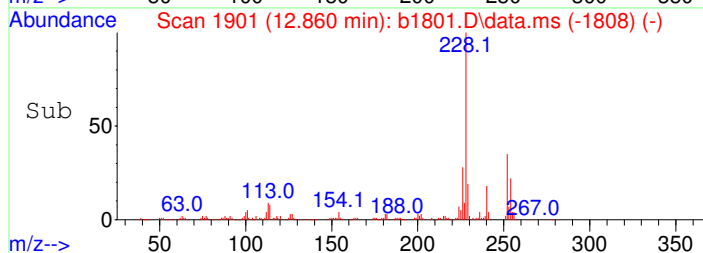
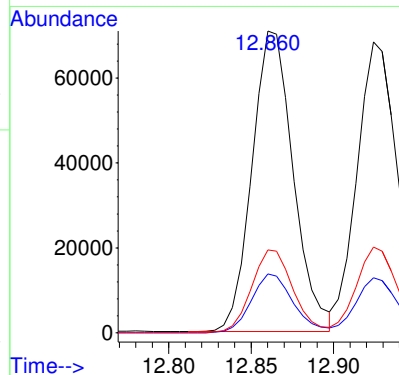
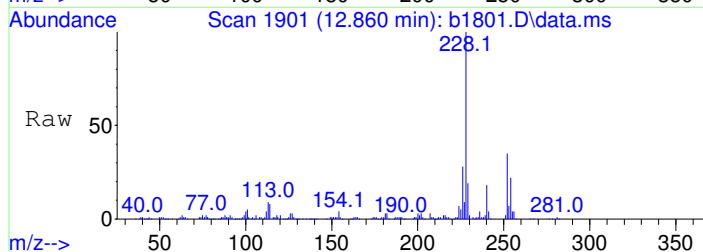
Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.0	48.0	72.0
206	21.9	21.6	32.4





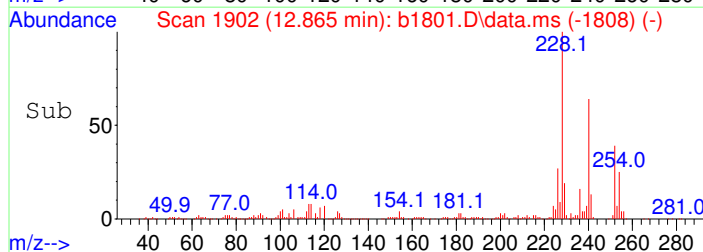
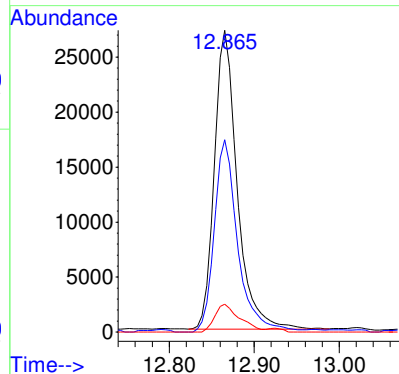
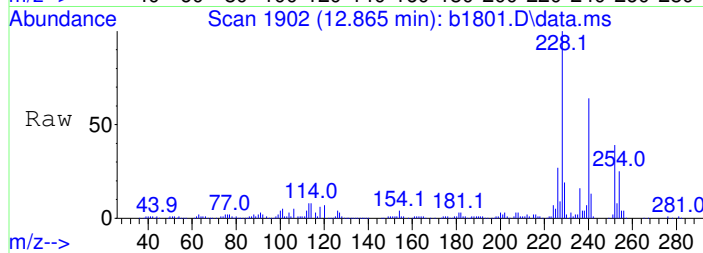
#77
Benzo[a]anthracene
Concen: 5.34 ug
RT: 12.860 min Scan# 1901
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

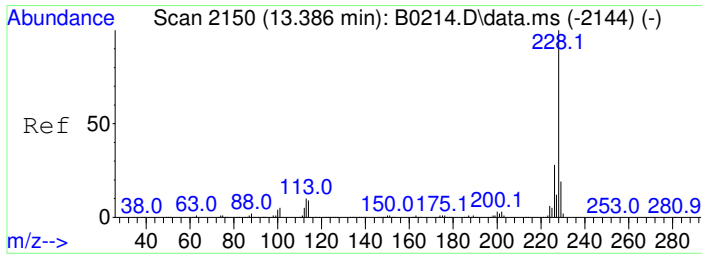
Tgt Ion	228	229	226
Ratio	100	19.9	27.8
Lower		15.5	21.5
Upper		23.3	32.3



#78
3,3'-Dichlorobenzidine
Concen: 5.51 ug
RT: 12.865 min Scan# 1902
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

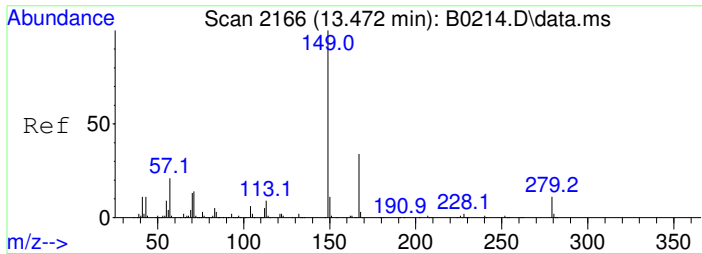
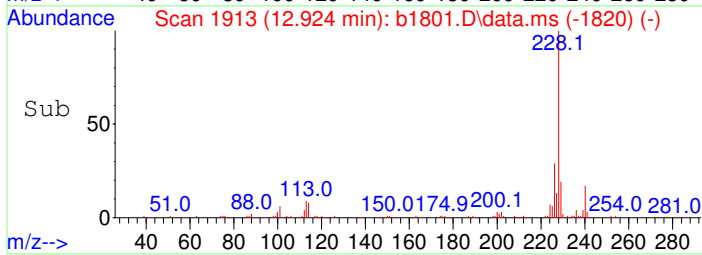
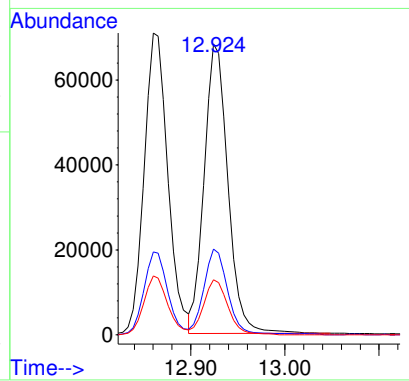
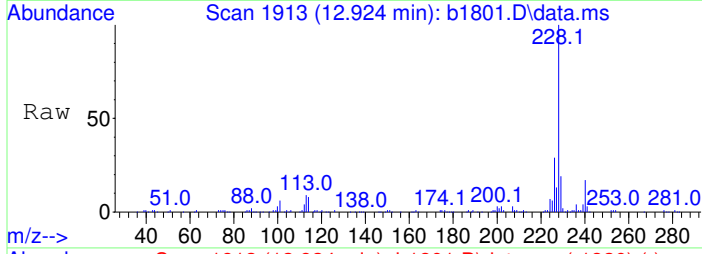
Tgt Ion	252	254	126
Ratio	100	66.4	10.1
Lower		50.6	8.0
Upper		75.8	12.0





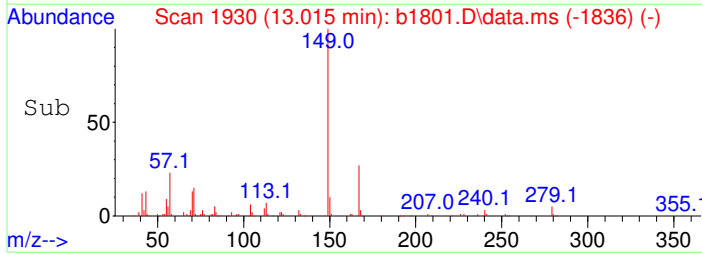
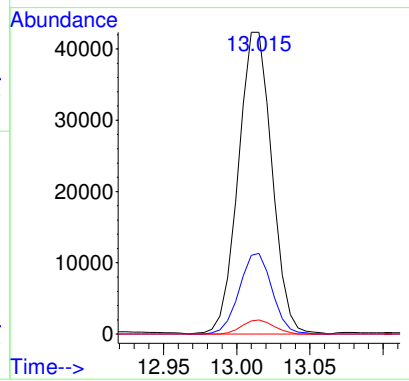
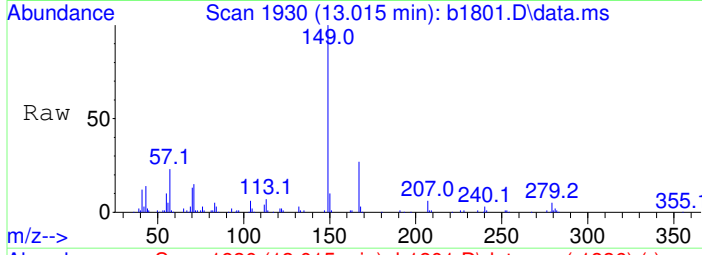
#79
Chrysene
Concen: 5.38 ug
RT: 12.924 min Scan# 1913
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

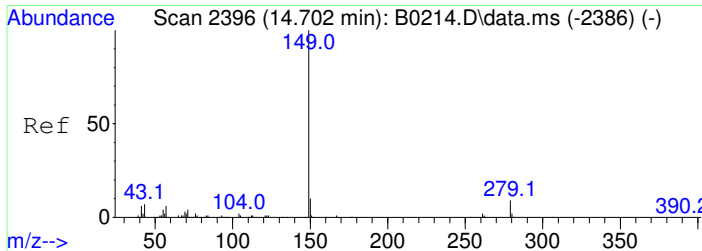
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	19.4	15.5	23.3



#80
bis(2-Ethylhexyl)phtha
Concen: 5.20 ug
RT: 13.015 min Scan# 1930
Delta R.T. 0.000 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

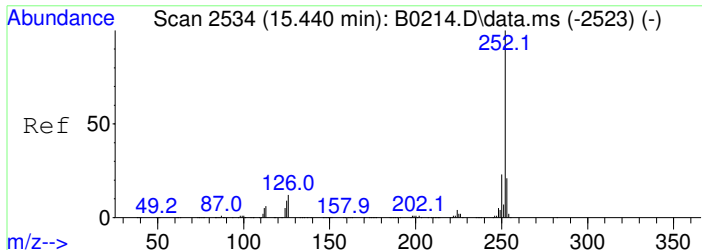
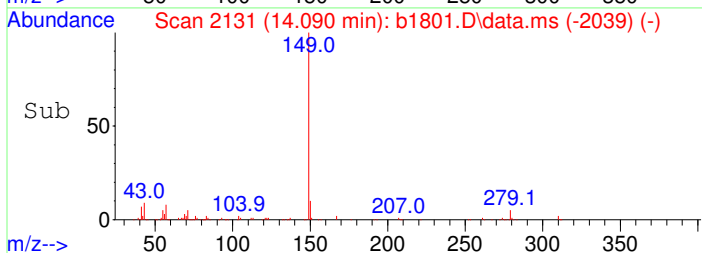
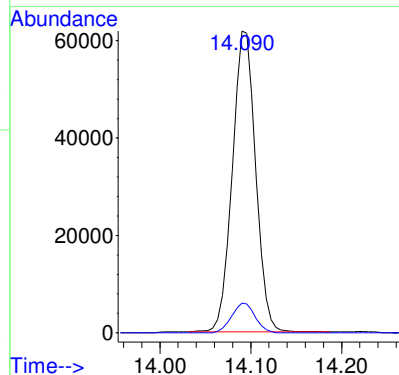
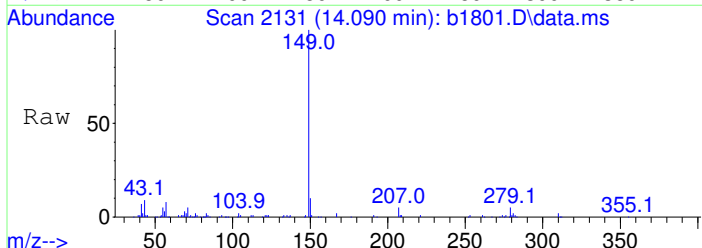
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.4	30.6
279	4.4	3.4	5.2





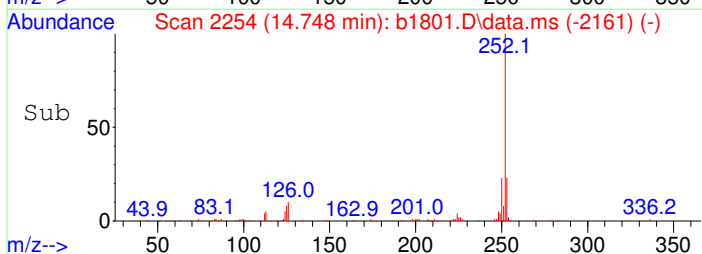
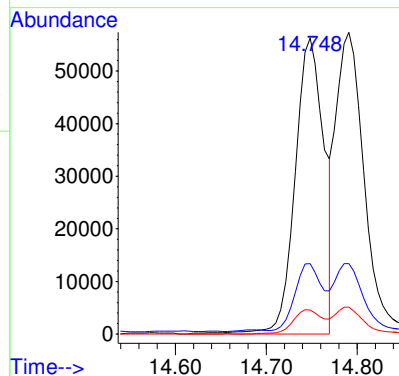
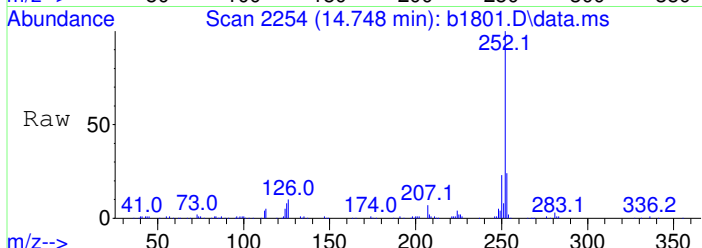
#82
Di-n-octylphthalate
Concen: 5.02 ug
RT: 14.090 min Scan# 2131
Delta R.T. -0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

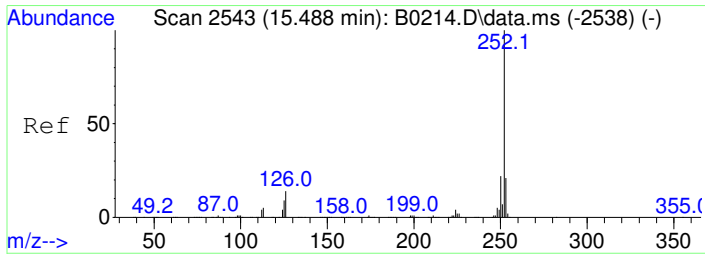
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.9	13.3



#83
Benzo[b]fluoranthene
Concen: 5.41 ug
RT: 14.748 min Scan# 2254
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

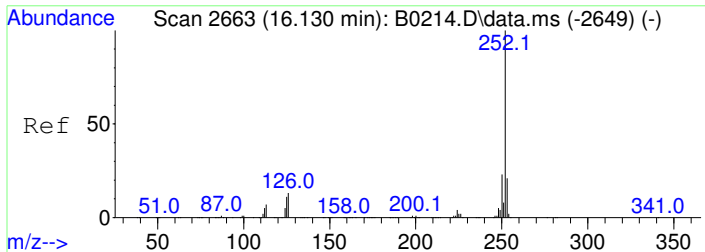
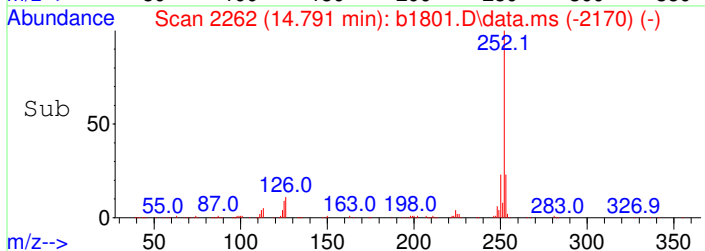
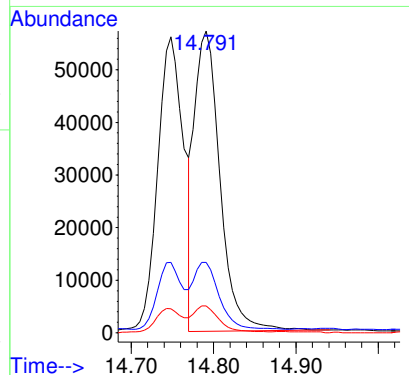
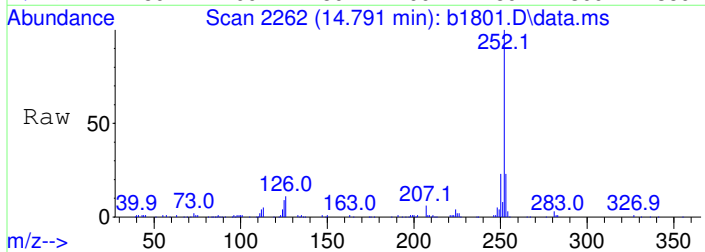
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.9	6.6	9.8





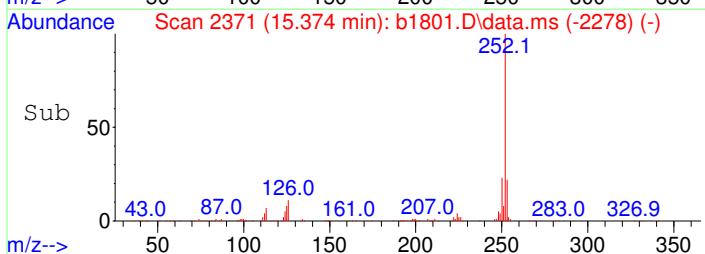
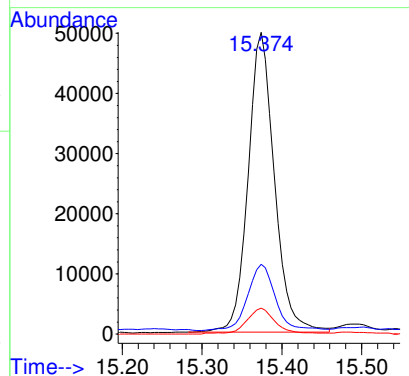
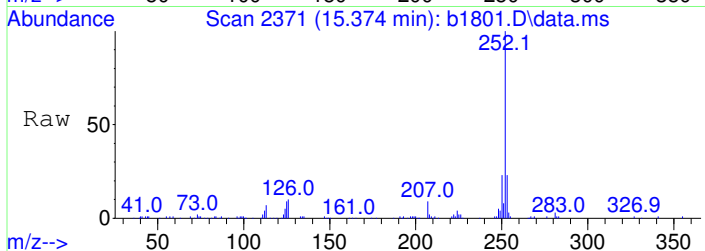
#84
Benzo[k]fluoranthene
Concen: 5.29 ug
RT: 14.791 min Scan# 2262
Delta R.T. -0.011 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

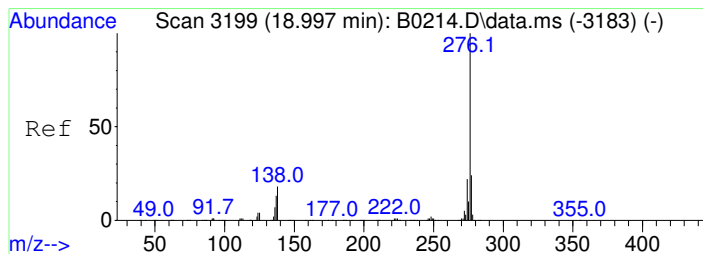
Tgt	Ion	Resp	Lower	Upper
252	100			
253	22.2	17.7	26.5	
125	8.3	6.6	9.8	



#85
Benzo[a]pyrene
Concen: 5.38 ug
RT: 15.374 min Scan# 2371
Delta R.T. -0.005 min
Lab File: b1801.D
Acq: 19 Jul 2024 10:27 am

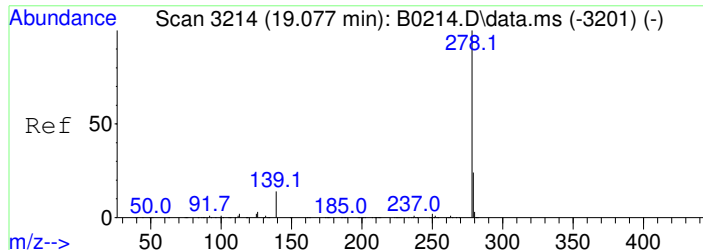
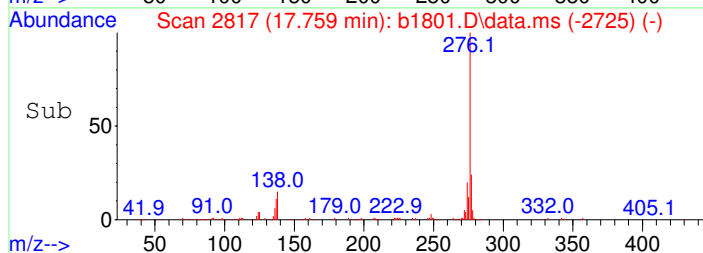
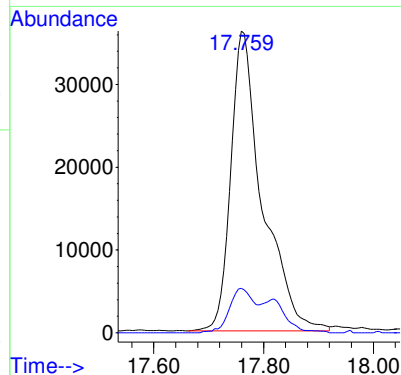
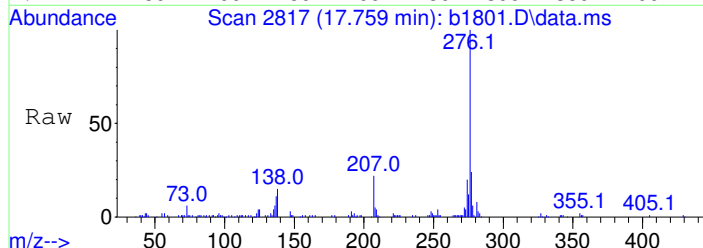
Tgt	Ion	Resp	Lower	Upper
252	100			
253	23.3	17.6	26.4	
125	9.6	7.2	10.8	





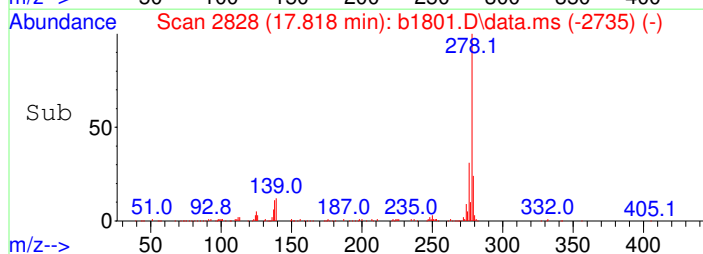
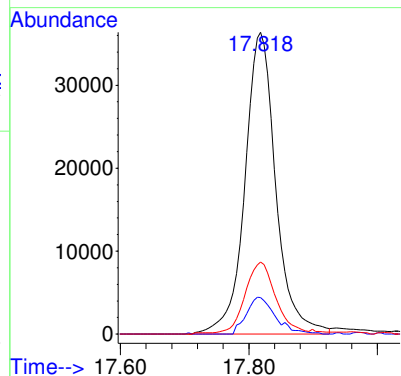
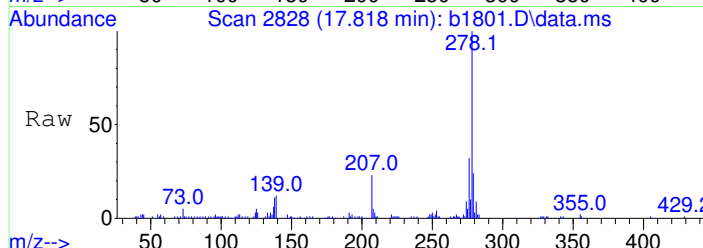
#86
 Indeno[1,2,3-cd]pyrene
 Concen: 6.86 ug
 RT: 17.759 min Scan# 2817
 Delta R.T. -0.011 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

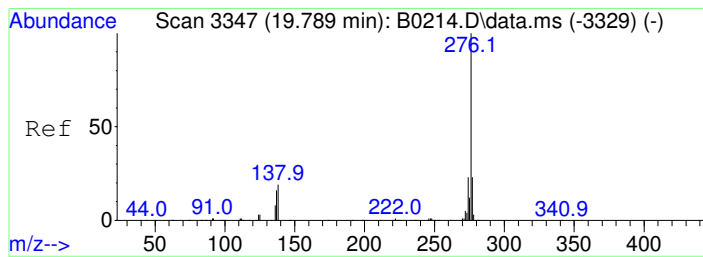
Tgt	Ion	Resp	Lower	Upper
276	100			
138	11.8	11.8	17.8#	



#87
 Dibenz[a,h]anthracene
 Concen: 5.65 ug
 RT: 17.818 min Scan# 2828
 Delta R.T. -0.005 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

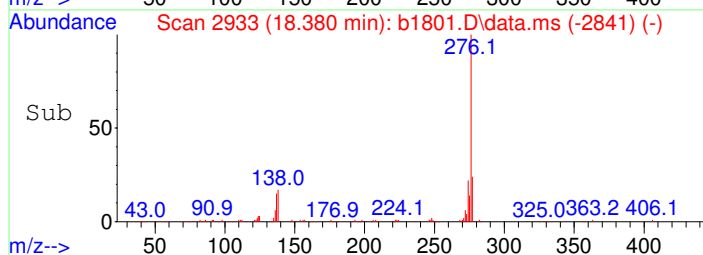
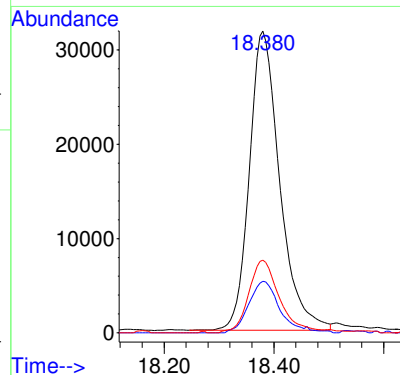
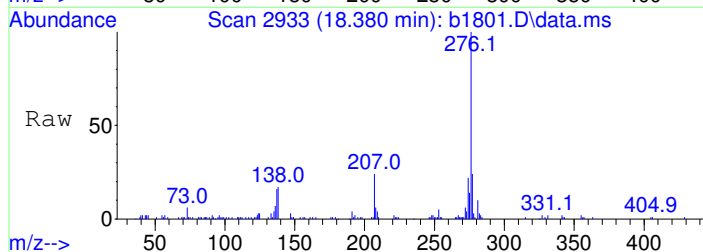
Tgt	Ion	Resp	Lower	Upper
278	100			
139	11.5	9.4	14.2	
279	23.0	18.9	28.3	





#88
 Benzo[g,h,i]perylene
 Concen: 5.67 ug
 RT: 18.380 min Scan# 2933
 Delta R.T. -0.011 min
 Lab File: b1801.D
 Acq: 19 Jul 2024 10:27 am

Tgt	Ion:276	Resp:	122126
Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.0	22.6
277	24.6	18.3	27.5



Data Path : D:\2\data\071924\
 Data File : b1797.D
 Acq On : 19 Jul 2024 8:39 am
 Operator :
 Sample : sstd025
 Misc : ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 01 14:12:05 2024
 Quant Method : C:\msdchem\2\qtmethods-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

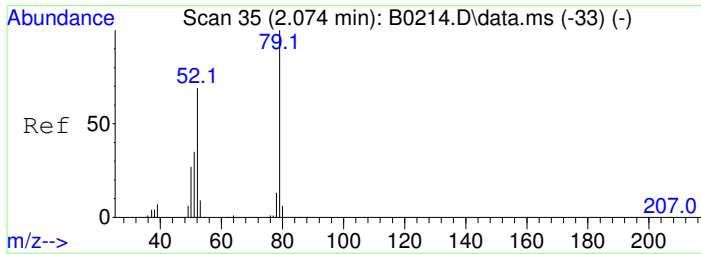
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	132678	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	524925	40.00	ug	0.00
37) Acenaphthene-d10	8.453	164	338774	40.00	ug	0.00
58) Phenanthrene-d10	9.902	188	697132	40.00	ug	0.00
73) Chrysene-d12	12.897	240	664365	40.00	ug	0.00
81) Perylene-d12	15.502	264	739067	40.00	ug	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.393	112	103316	24.60	ug	0.00
3) Phenol-d5	5.286	99	97219	24.43	ug	0.00
22) Nitrobenzene-d5	6.051	82	113196	25.07	ug	0.00
42) 2-Fluorobiphenyl	7.795	172	299029	24.87	ug	0.00
61) 2,4,6-Tribromophenol	9.255	330	66237	24.25	ug	0.00
75) Terphenyl-d14	11.517	244	473335	24.84	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.970	79	91564	25.21	ug	92
5) n-Nitrosodimethylamine	2.970	74	53940	24.92	ug	100
6) Benzaldehyde	5.088	77	89016	27.84	ug	89
7) Aniline	5.233	93	128670	25.03	ug	99
8) Phenol	5.297	94	127258	25.64	ug	# 84
9) bis(2-Chloroethyl)ether	5.276	93	93446	23.56	ug	# 95
10) 2-Chlorophenol	5.356	128	103074	25.12	ug	# 85
11) 1,3-Dichlorobenzene	5.457	146	119950	24.93	ug	99
12) 1,4-Dichlorobenzene	5.506	146	127346	24.37	ug	99
13) Benzyl alcohol	5.827	108	90094	24.43	ug	# 55
14) 1,2-Dichlorobenzene	5.687	146	120411	24.98	ug	97
15) 2-Methylphenol	5.827	108	90094	24.43	ug	92
16) bis(2-chloroisopropyl)	5.794	45	125866	25.65	ug	# 77
17) Acetophenone	5.901	105	175892	25.66	ug	94
18) 4-Methylphenol	5.971	108	108303	25.47	ug	99
19) n-Nitroso-di-n-propyla	5.923	70	73345	25.27	ug	94
20) Hexachloroethane	5.976	117	45634	25.47	ug	99
23) Nitrobenzene	6.067	77	119597	25.02	ug	98
24) Isophorone	6.287	82	139933	24.84	ug	100
25) 2-Nitrophenol	6.377	139	62042	25.28	ug	95
26) 2,4-Dimethylphenol	6.458	107	92683	24.97	ug	98
27) bis(2-Chloroethoxy)met	6.511	93	120586	25.07	ug	100
28) 2,4-Dichlorophenol	6.650	162	102264	24.92	ug	96
29) 1,2,4-Trichlorobenzene	6.682	180	127459	25.45	ug	100
30) Naphthalene	6.741	128	331663	25.11	ug	100
31) Benzoic Acid	6.597	105	80779	27.33	ug	92
32) 4-Chloroaniline	6.832	127	138171	25.49	ug	100
33) Hexachlorobutadiene	6.918	225	80142	25.00	ug	100
34) Capralactam	7.132	113	27624	24.57	ug	95
35) 4-Chloro-3-methylphenol	7.356	107	92998	25.05	ug	# 1
36) 2-Methylnaphthalene	7.415	142	264040	25.57	ug	99
38) Hexachlorocyclopentadiene	7.634	237	63463	24.07	ug	99
39) 2,4,6-Trichlorophenol	7.741	196	81586	23.91	ug	96
40) 2,4,5-Trichlorophenol	7.811	196	97023	24.41	ug	95
41) Biphenyl	7.880	154	328744	24.65	ug	# 89
43) 2-Chloronaphthalene	7.891	162	251597	24.85	ug	98
44) 2-Nitroaniline	8.041	65	65514	24.20	ug	# 77
45) Dimethylphthalate	8.228	163	285810	24.91	ug	# 95
46) Acenaphthylene	8.303	152	329508	24.58	ug	98
47) 2,6-Dinitrotoluene	8.303	165	60806	24.43	ug	98
48) 3-Nitroaniline	8.458	138	61188	24.26	ug	# 26

Data Path : D:\2\data\071924\
 Data File : b1797.D
 Acq On : 19 Jul 2024 8:39 am
 Operator :
 Sample : sstd025
 Misc : ICAL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 01 14:12:05 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

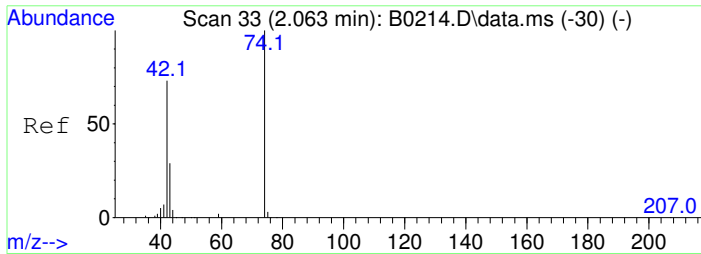
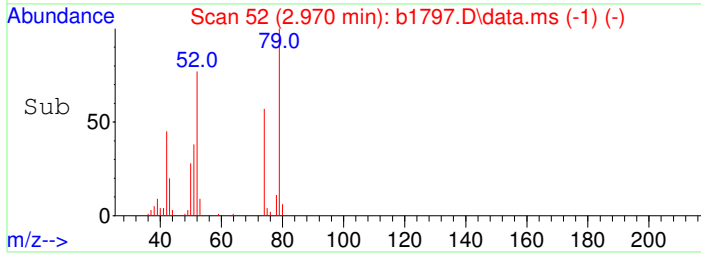
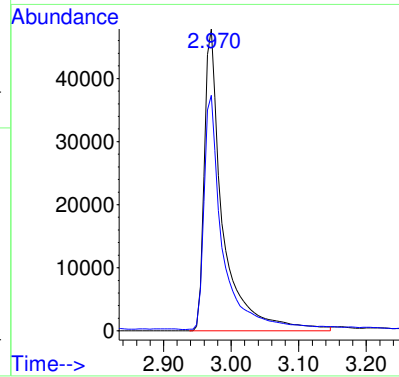
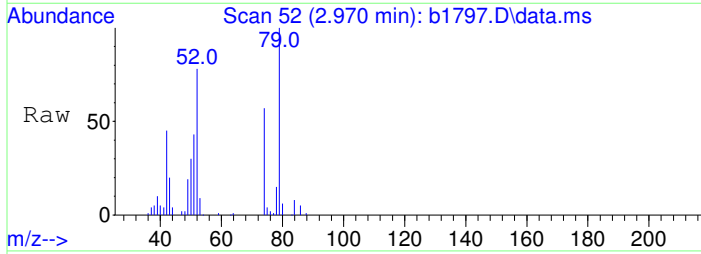
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
49) Acenaphthene	8.485	153	243151	24.90	ug	94
50) 2,4-Dinitrophenol	8.581	184	9370	28.02	ug	# 78
51) 4-Nitrophenol	8.742	109	25371	21.87	ug	86
52) Dibenzofuran	8.645	168	362626	24.77	ug	91
53) 2,4-Dinitrotoluene	8.693	165	87566	24.75	ug	# 83
54) Diethylphthalate	8.923	149	283426	24.78	ug	96
55) Fluorene	8.982	166	284587	24.91	ug	94
56) 4-Chlorophenyl-phenyle	8.982	204	153923	24.80	ug	96
57) 4-Nitroaniline	9.068	138	62007	24.79	ug	# 87
59) 4,6-Dinitro-2-methylph	9.100	198	37338	18.02	ug	100
60) n-Nitrosodiphenylamine	9.111	169	205612	24.85	ug	90
62) Azobenzene	9.137	77	277478	25.12	ug	# 82
63) 4-Bromophenyl-phenylether	9.458	248	105354	24.68	ug	94
64) Hexachlorobenzene	9.608	284	133514	24.39	ug	# 91
65) Atrazine	9.667	200	101390	25.62	ug	99
66) Pentachlorophenol	9.811	266	40838	18.70	ug	94
67) Phenanthrene	9.929	178	421801	24.73	ug	99
68) Anthracene	9.972	178	414857	24.89	ug	99
69) Benzidine	11.261	184	212786	30.82	ug	97
70) Carbazole	10.154	167	401645	25.16	ug	100
71) Di-n-butylphthalate	10.523	149	480260	25.07	ug	99
72) Fluoranthene	11.341	202	531205	24.90	ug	97
74) Pyrene	11.341	202	531205	24.93	ug	# 93
76) Butylbenzylphthalate	12.143	149	200570	24.65	ug	93
77) Benzo[a]anthracene	12.871	228	536382	24.76	ug	99
78) 3,3'-Dichlorobenzidine	12.871	252	219593	25.52	ug	98
79) Chrysene	12.935	228	520173	24.96	ug	99
80) bis(2-Ethylhexyl)phtha	13.020	149	307152	25.08	ug	99
82) Di-n-octylphthalate	14.101	149	502224	25.03	ug	96
83) Benzo[b]fluoranthene	14.759	252	529969	25.07	ug	100
84) Benzo[k]fluoranthene	14.802	252	540048	25.30	ug	98
85) Benzo[a]pyrene	15.385	252	476601	24.55	ug	99
86) Indeno[1,2,3-cd]pyrene	17.775	276	566014	29.42	ug	# 91
87) Dibenz[a,h]anthracene	17.829	278	478651	24.36	ug	99
88) Benzo[g,h,i]perylene	18.396	276	475637	24.20	ug	97

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



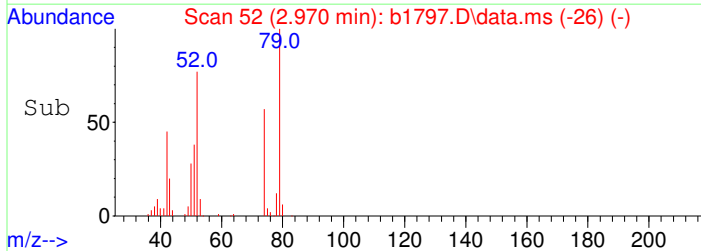
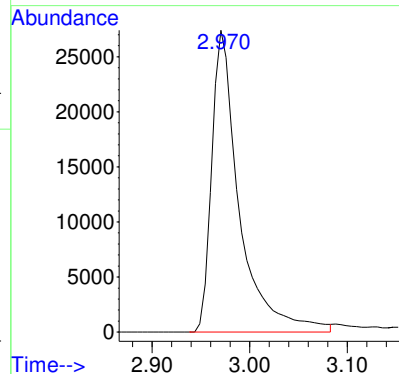
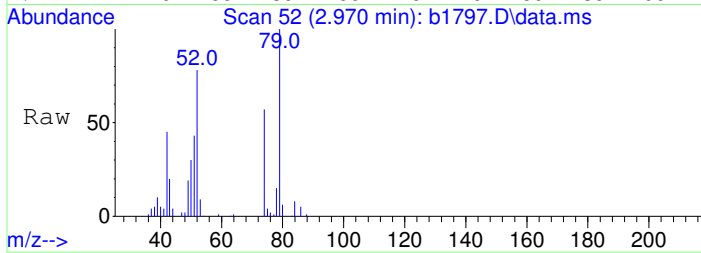
#4
Pyridine
Concen: 25.21 ug
RT: 2.970 min Scan# 52
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

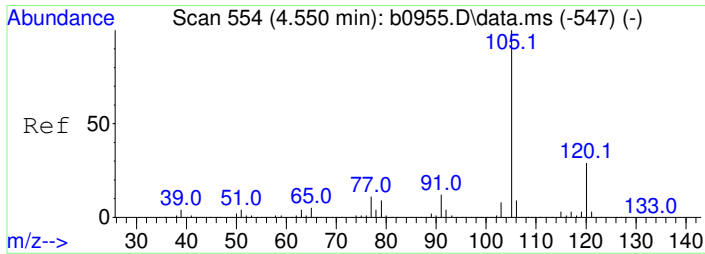
Tgt Ion: 79 Resp: 91564
Ion Ratio Lower Upper
79 100
52 76.9 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 24.92 ug
RT: 2.970 min Scan# 52
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

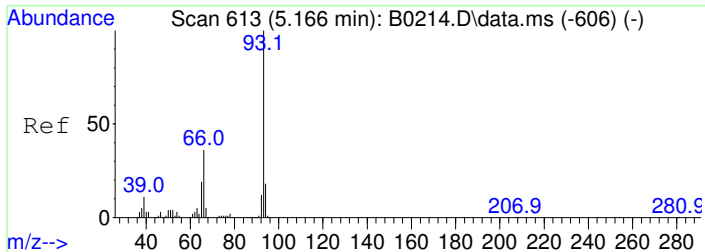
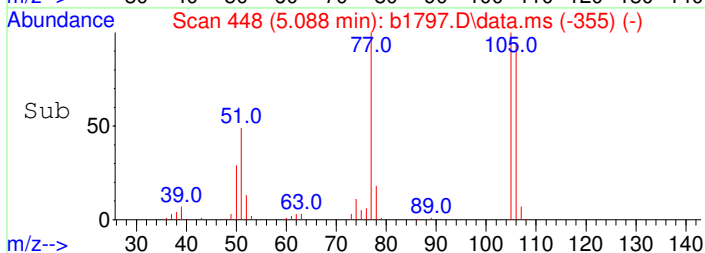
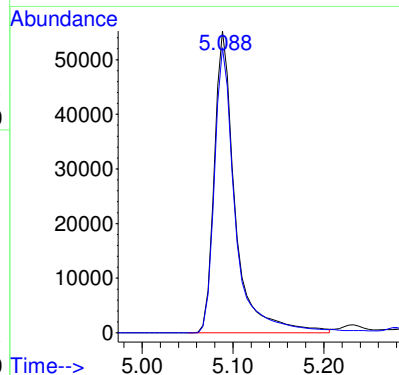
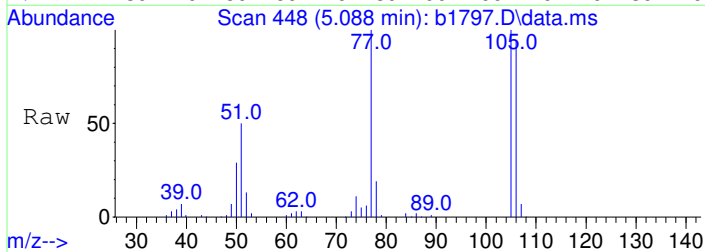
Tgt Ion: 74 Resp: 53940





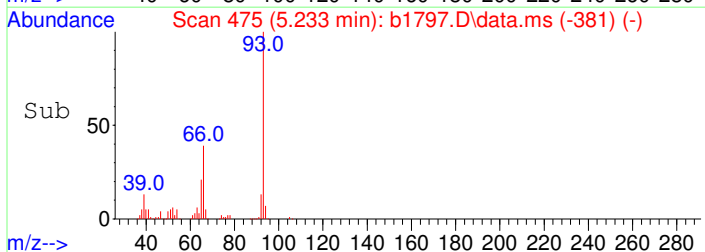
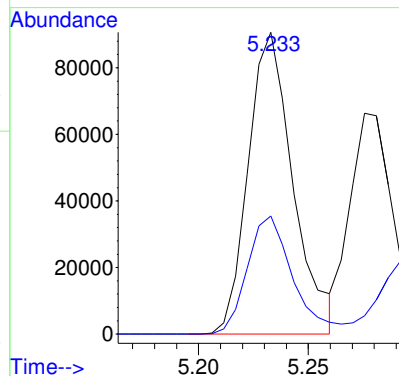
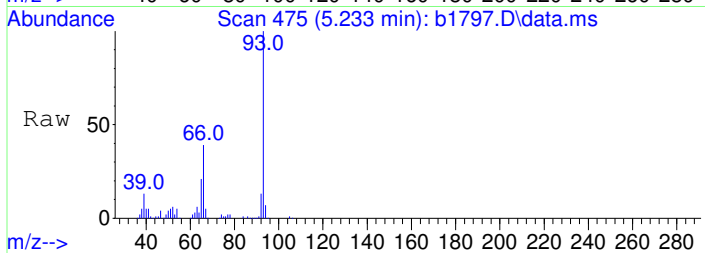
#6
Benzaldehyde
Concen: 27.84 ug
RT: 5.088 min Scan# 448
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

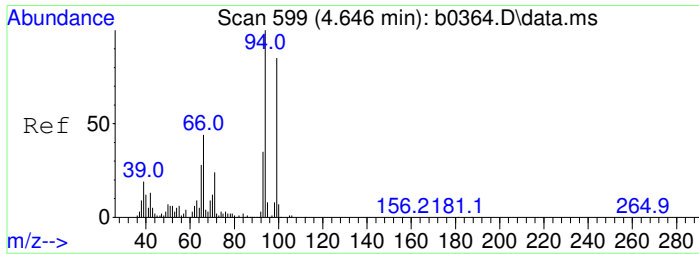
Tgt Ion: 77 Resp: 89016
Ion Ratio Lower Upper
77 100
106 95.8 86.2 129.2



#7
Aniline
Concen: 25.03 ug
RT: 5.233 min Scan# 475
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

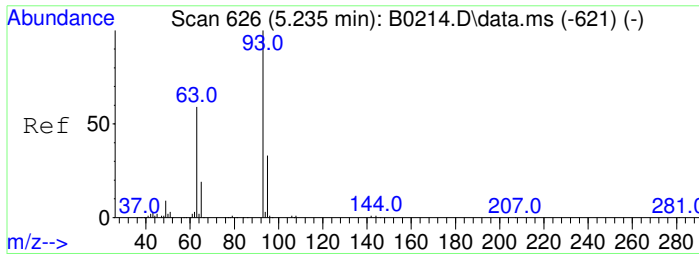
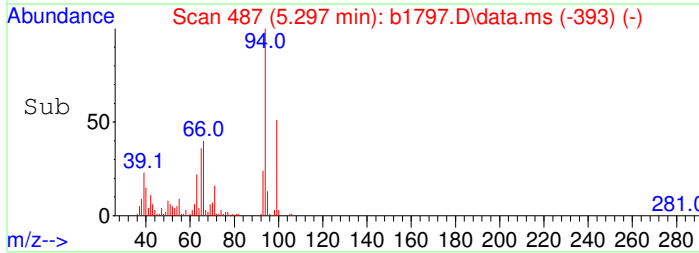
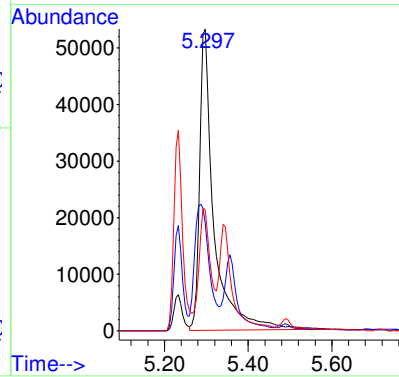
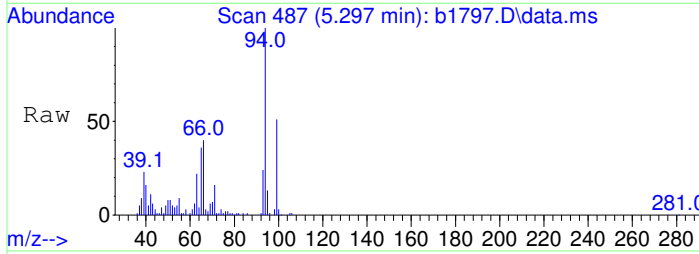
Tgt Ion: 93 Resp: 128670
Ion Ratio Lower Upper
93 100
66 39.7 31.4 47.2





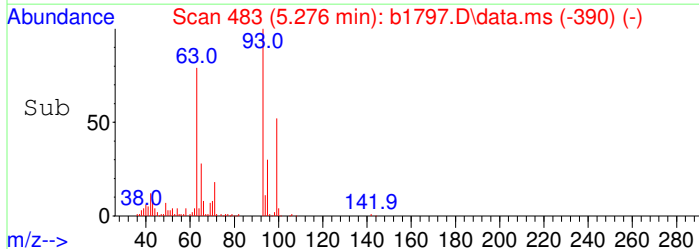
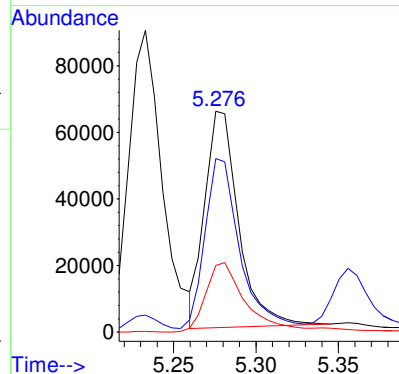
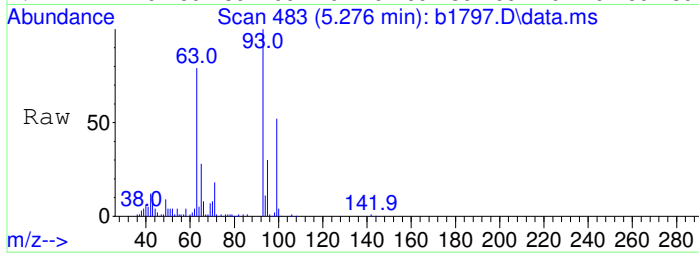
#8
Phenol
Concen: 25.64 ug
RT: 5.297 min Scan# 487
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

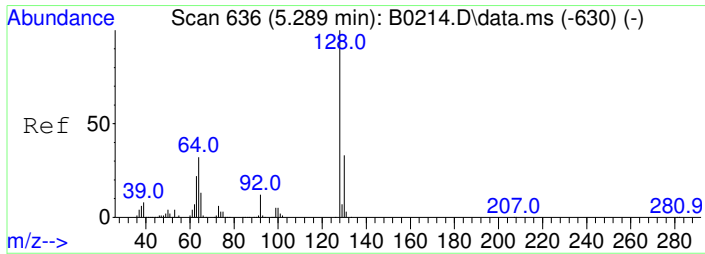
Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.1	25.7	38.5#
66	33.3	33.5	50.3#



#9
bis(2-Chloroethyl)ether
Concen: 23.56 ug
RT: 5.276 min Scan# 483
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

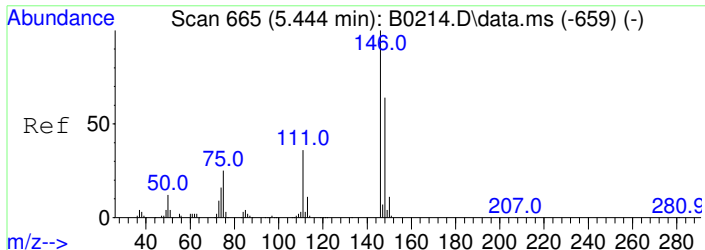
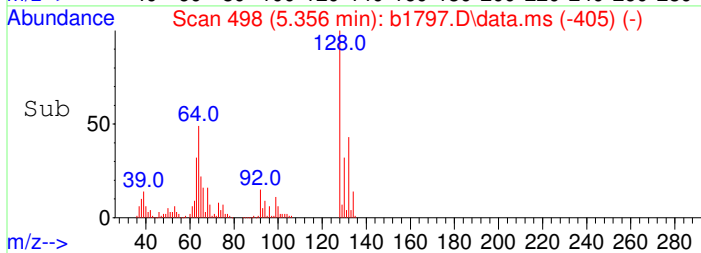
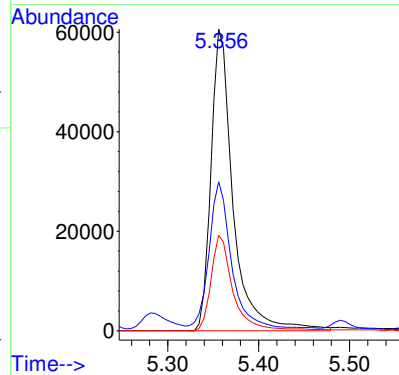
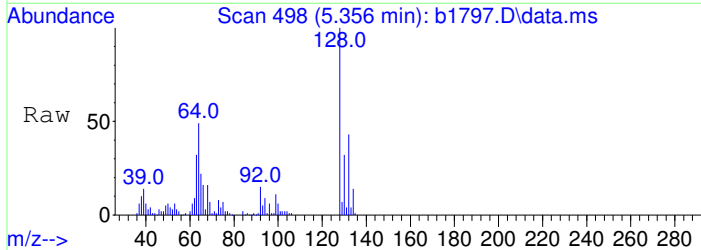
Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.1	67.0	100.4
95	41.0	24.8	37.2#





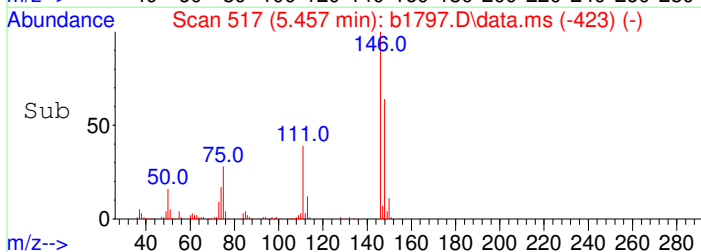
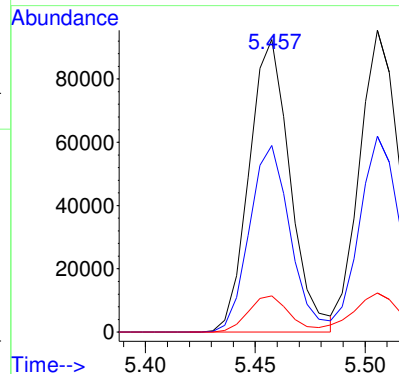
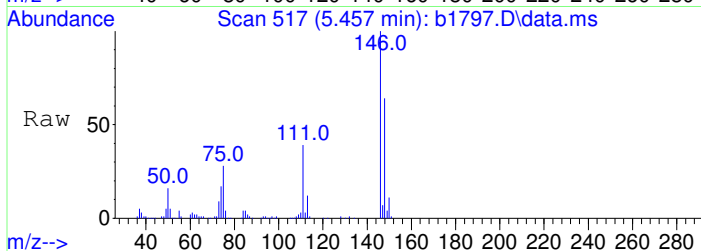
#10
 2-Chlorophenol
 Concen: 25.12 ug
 RT: 5.356 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

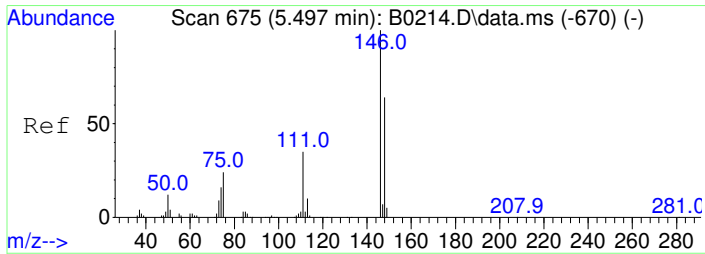
Tgt Ion	Ratio	Lower	Upper
128	100		
64	51.8	29.4	44.2#
130	30.8	25.9	38.9



#11
 1,3-Dichlorobenzene
 Concen: 24.93 ug
 RT: 5.457 min Scan# 517
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

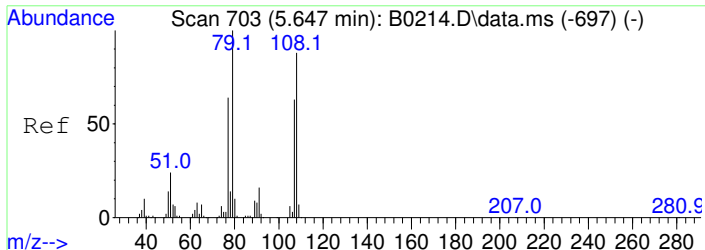
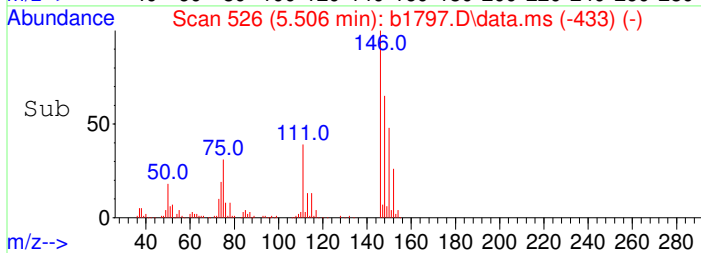
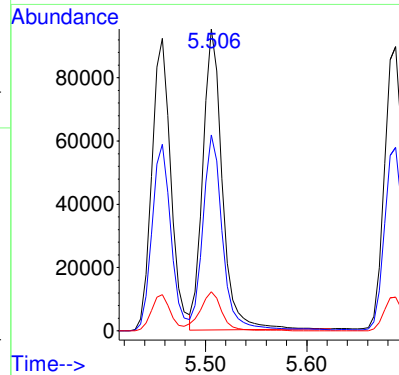
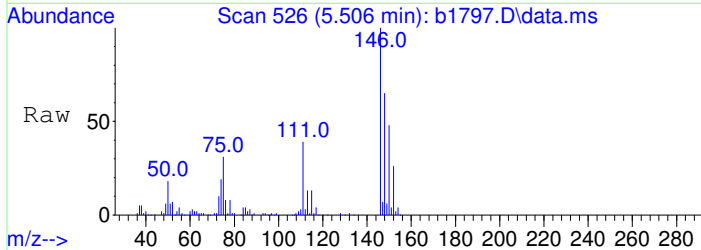
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
113	12.5	10.2	15.2





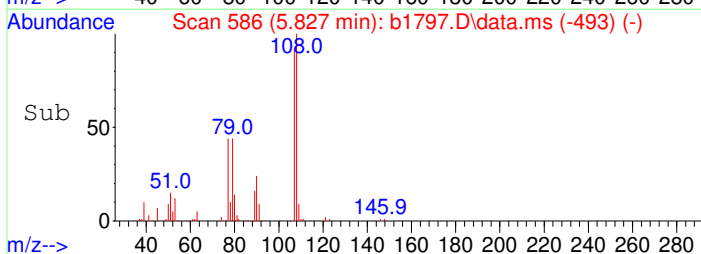
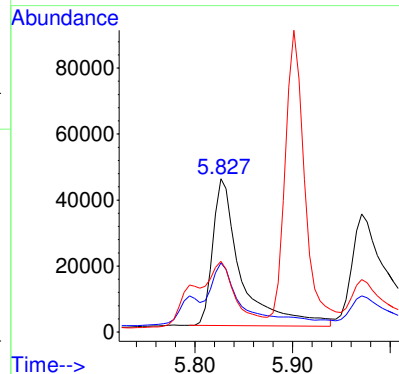
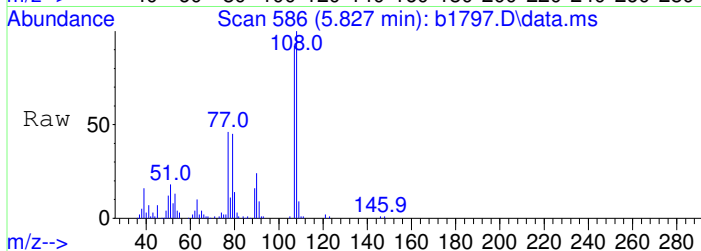
#12
1,4-Dichlorobenzene
Concen: 24.37 ug
RT: 5.506 min Scan# 526
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

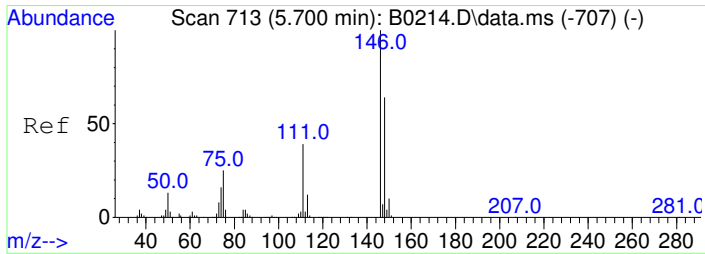
Tgt Ion:146	Resp:	127346
Ion Ratio	Lower	Upper
146	100	
148	63.9	51.0 76.6
113	14.7	9.9 14.9



#13
Benzyl alcohol
Concen: 24.43 ug
RT: 5.827 min Scan# 586
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

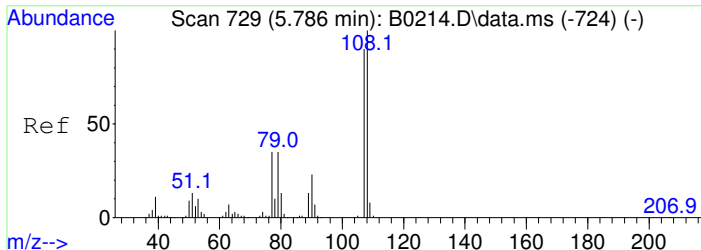
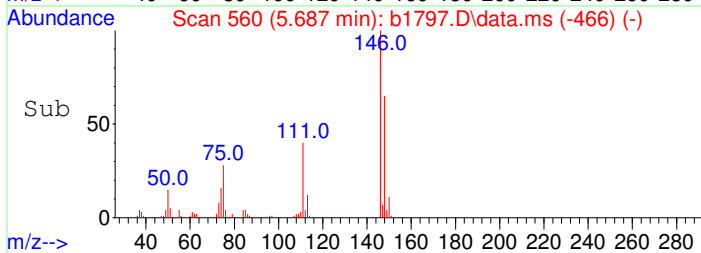
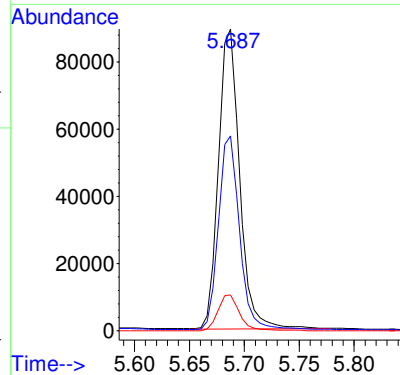
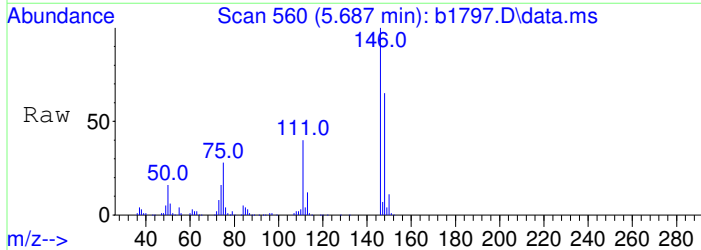
Tgt Ion:108	Resp:	90094
Ion Ratio	Lower	Upper
108	100	
79	51.8	98.0 147.0#
77	65.1	65.7 98.5#





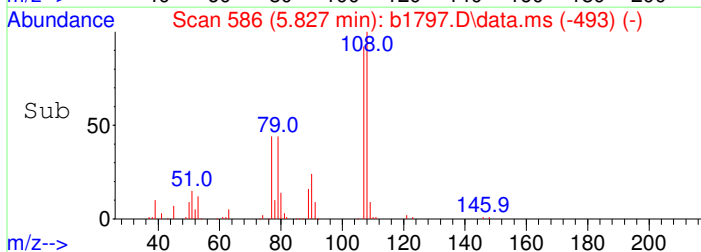
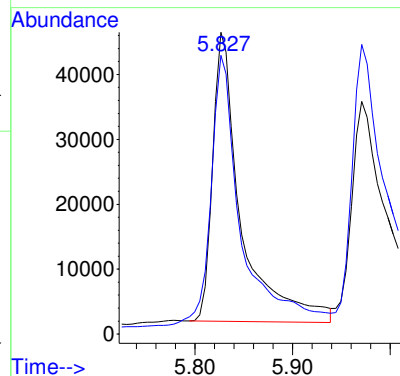
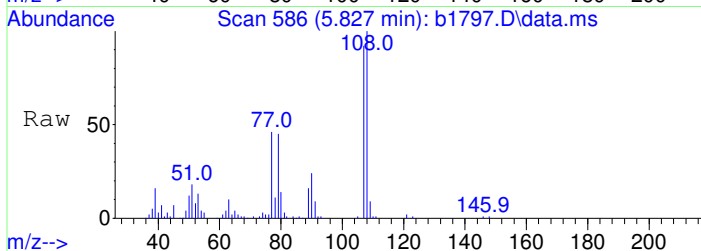
#14
1,2-Dichlorobenzene
Concen: 24.98 ug
RT: 5.687 min Scan# 560
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

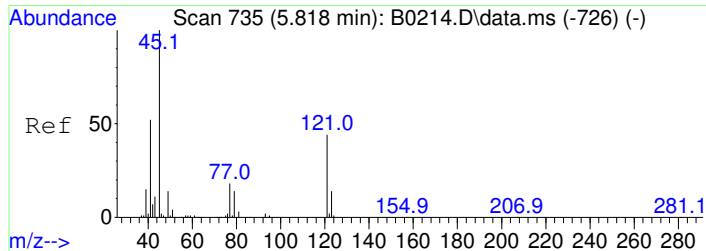
Tgt	Ion	146	Resp:	120411
Ion	Ratio	Lower	Upper	
146	100			
148	65.7	50.7	76.1	
113	12.4	10.2	15.2	



#15
2-Methylphenol
Concen: 24.43 ug
RT: 5.827 min Scan# 586
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

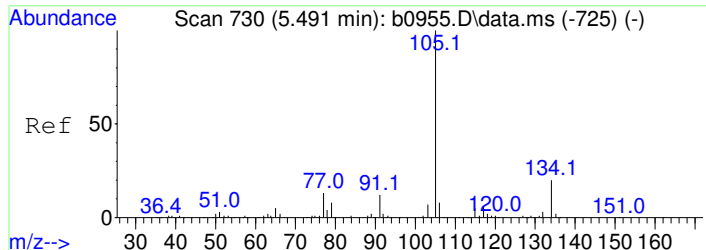
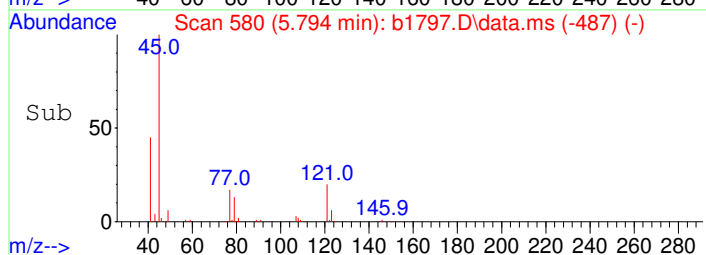
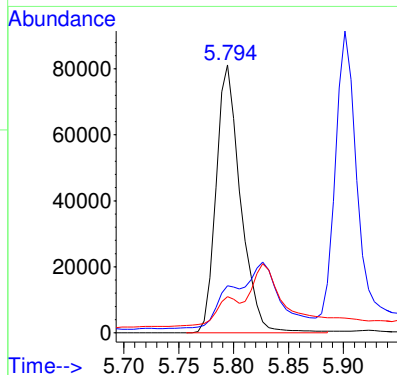
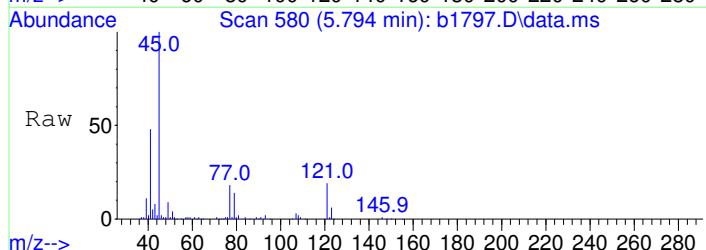
Tgt	Ion	108	Resp:	90094
Ion	Ratio	Lower	Upper	
108	100			
107	99.9	74.0	111.0	





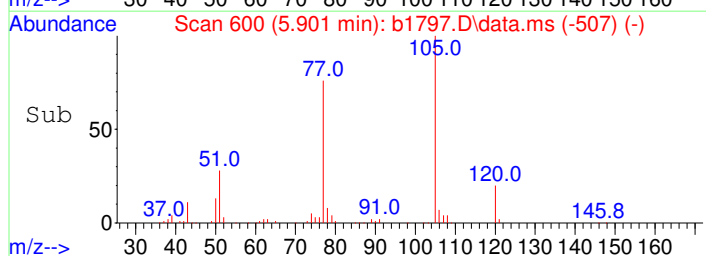
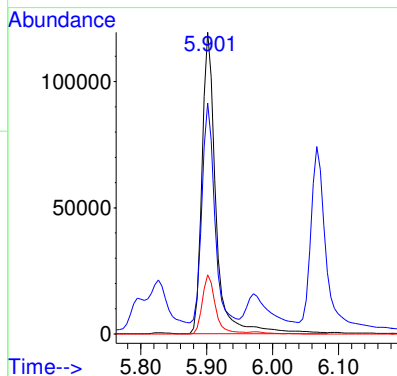
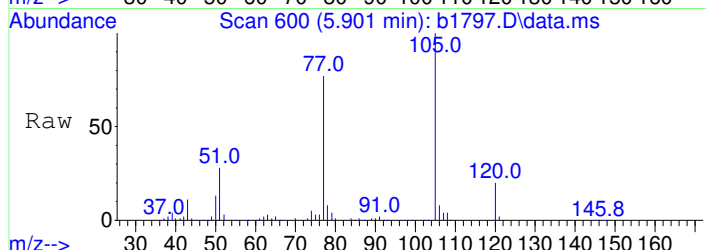
#16
bis(2-chloroisopropyl)
Concen: 25.65 ug
RT: 5.794 min Scan# 580
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

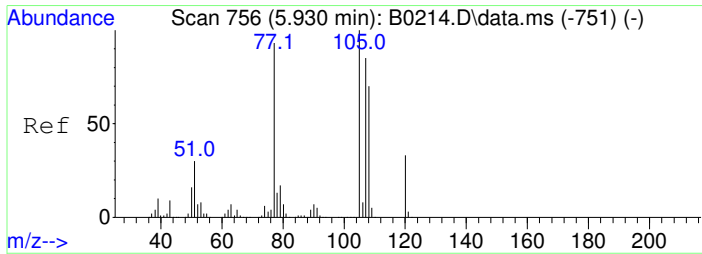
Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	11.9	17.9#
79	11.8	8.1	12.1



#17
Acetophenone
Concen: 25.66 ug
RT: 5.901 min Scan# 600
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

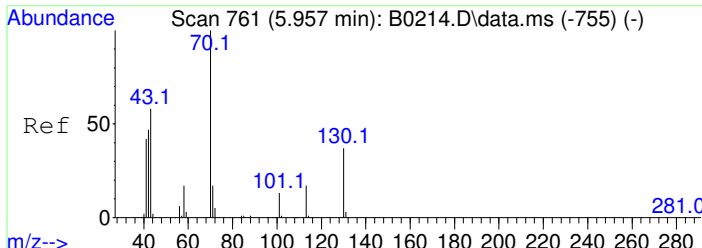
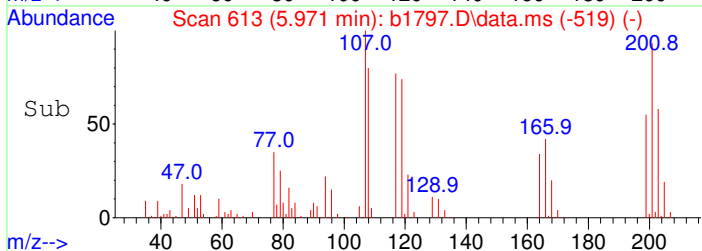
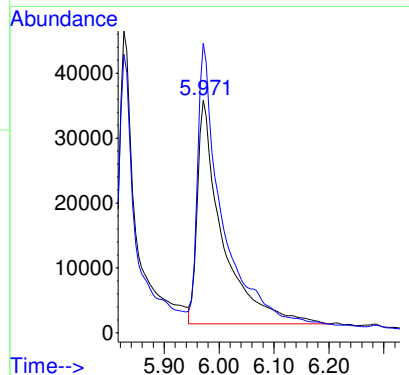
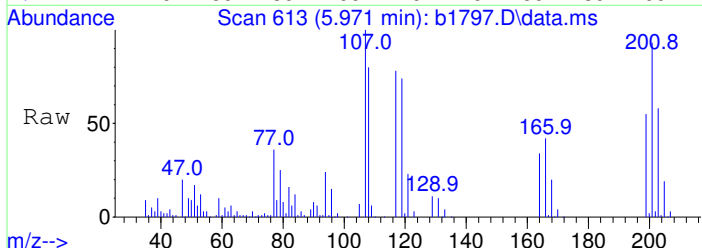
Tgt Ion	Ratio	Lower	Upper
105	100		
77	73.1	63.0	94.4
120	18.6	16.1	24.1





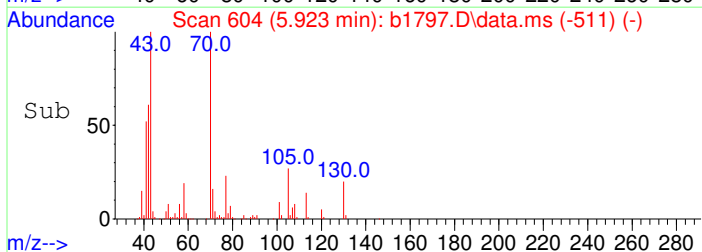
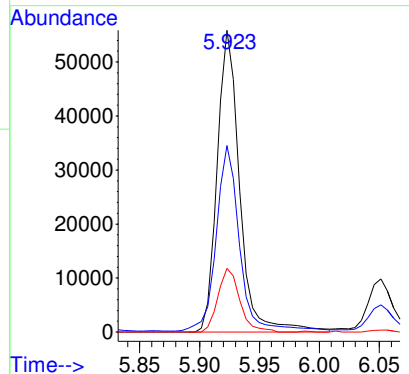
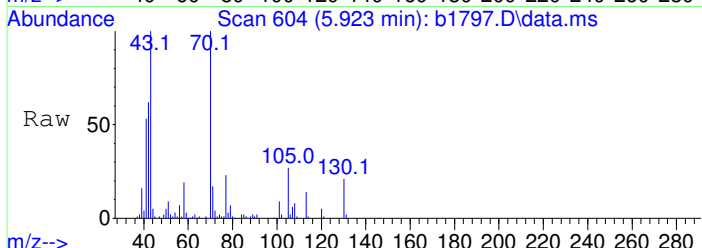
#18
 4-Methylphenol
 Concen: 25.47 ug
 RT: 5.971 min Scan# 613
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

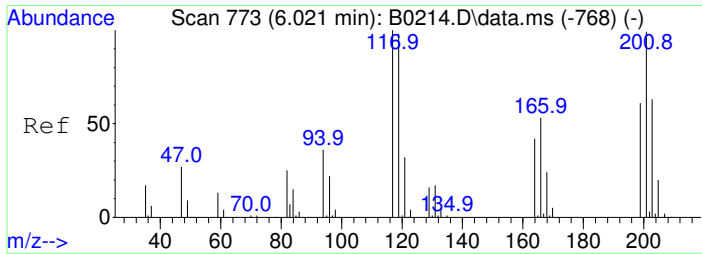
Tgt Ion:	108	Resp:	108303
Ion Ratio	Lower	Upper	
108	100		
107	127.5	100.8	151.2



#19
 n-Nitroso-di-n-propyla
 Concen: 25.27 ug
 RT: 5.923 min Scan# 604
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

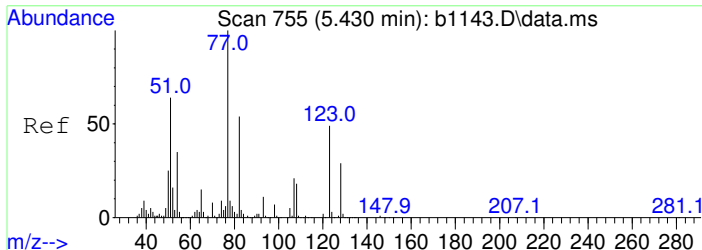
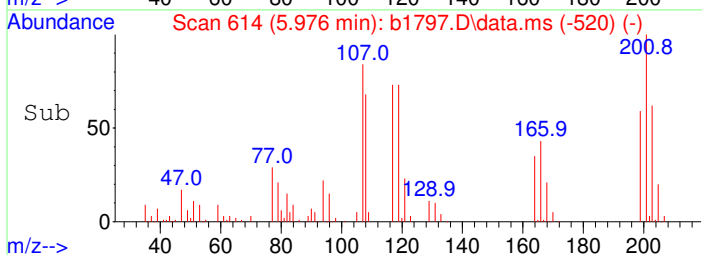
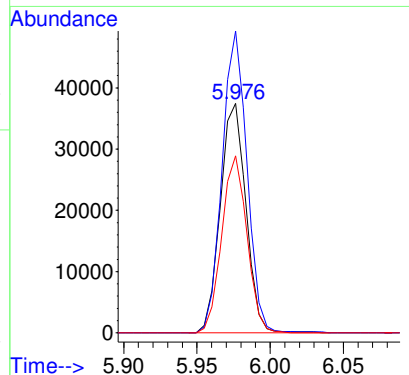
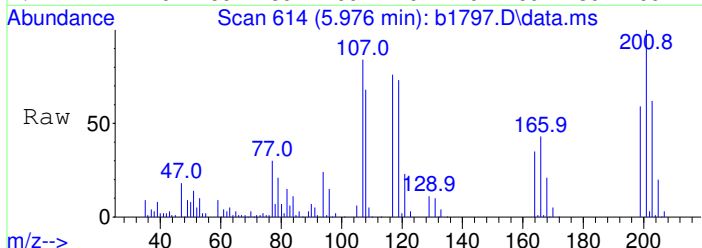
Tgt Ion:	70	Resp:	73345
Ion Ratio	Lower	Upper	
70	100		
42	63.2	55.4	83.2
130	20.4	16.2	24.4





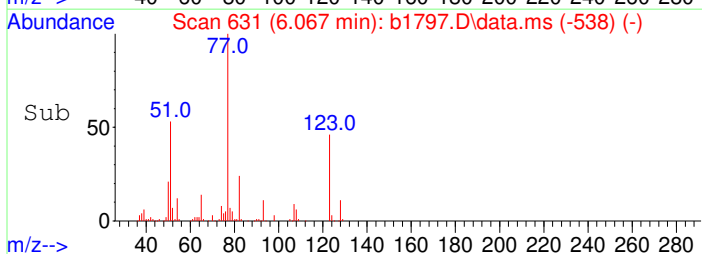
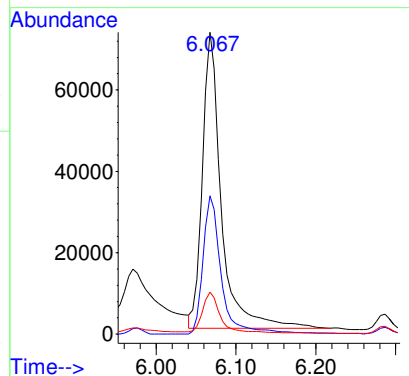
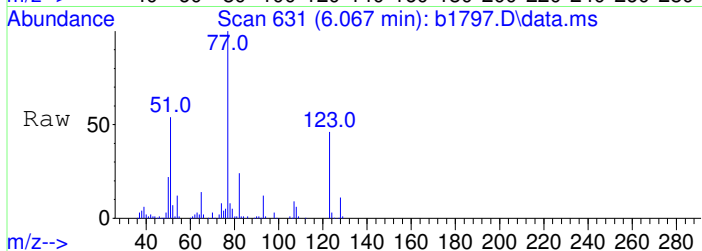
#20
Hexachloroethane
Concen: 25.47 ug
RT: 5.976 min Scan# 614
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

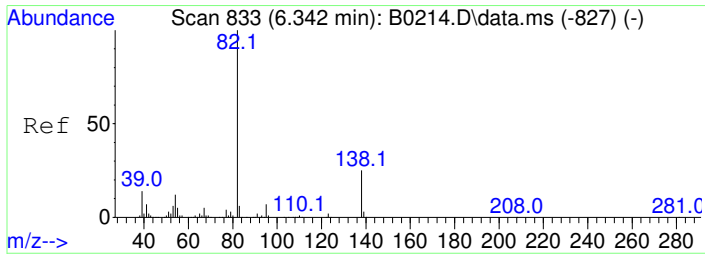
Tgt Ion:117	Resp:	45634
Ion Ratio	Lower	Upper
117	100	
201	127.2	100.1 150.1
199	75.6	60.1 90.1



#23
Nitrobenzene
Concen: 25.02 ug
RT: 6.067 min Scan# 631
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

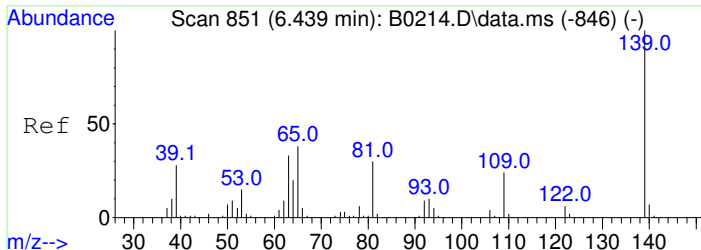
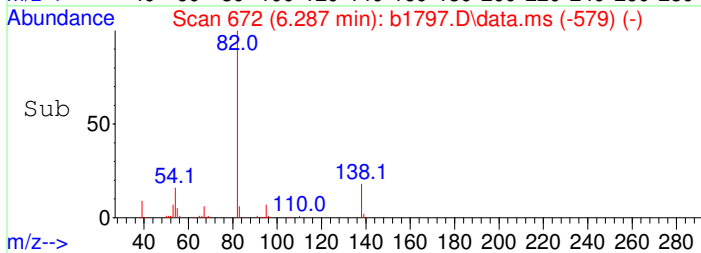
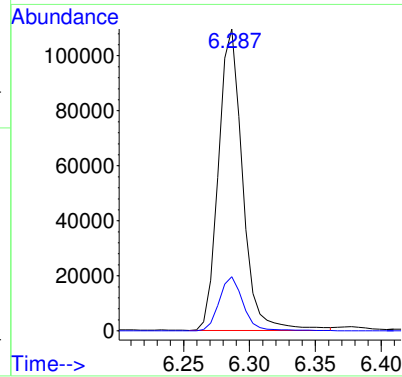
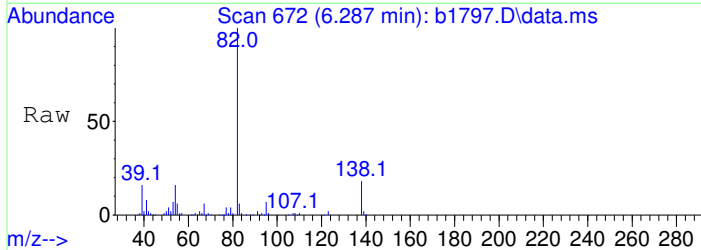
Tgt Ion: 77	Resp:	119597
Ion Ratio	Lower	Upper
77	100	
123	45.8	35.2 52.8
65	13.9	11.2 16.8





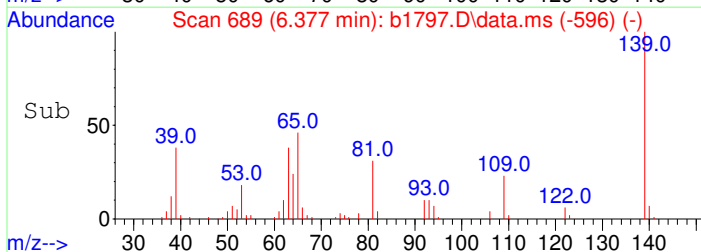
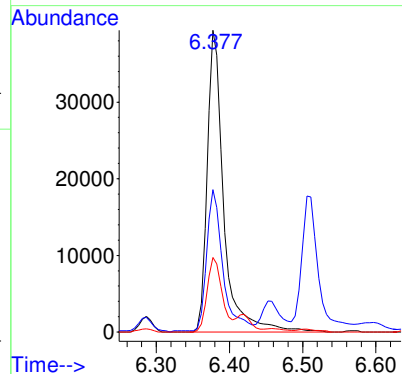
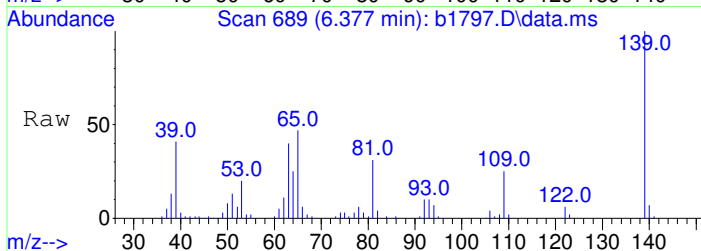
#24
Isophorone
Concen: 24.84 ug
RT: 6.287 min Scan# 672
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

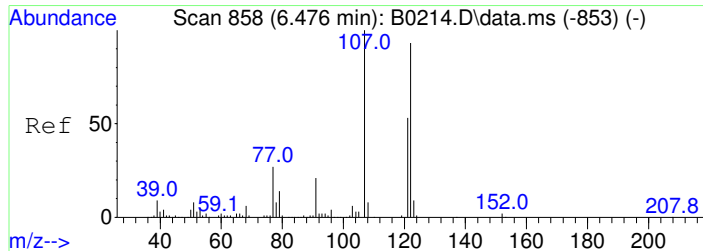
Tgt Ion	82	138
Resp	139933	17.9
Ratio	100	14.2
Lower		21.2
Upper		



#25
2-Nitrophenol
Concen: 25.28 ug
RT: 6.377 min Scan# 689
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

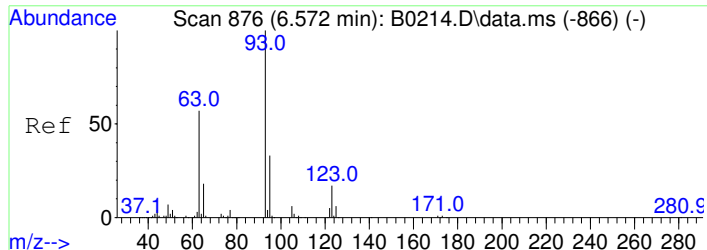
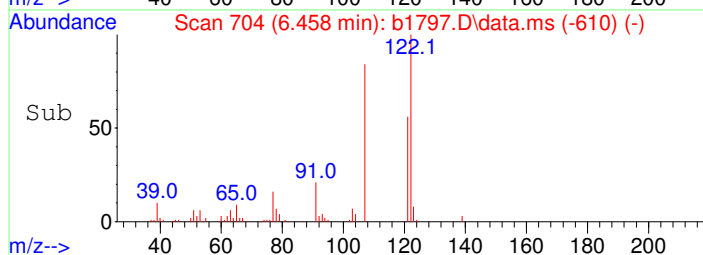
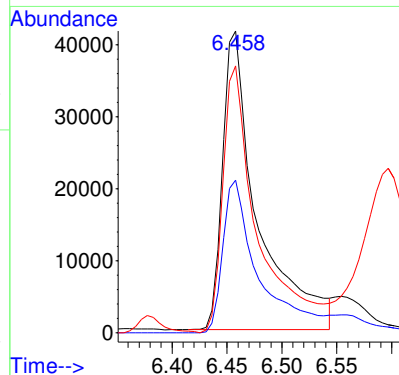
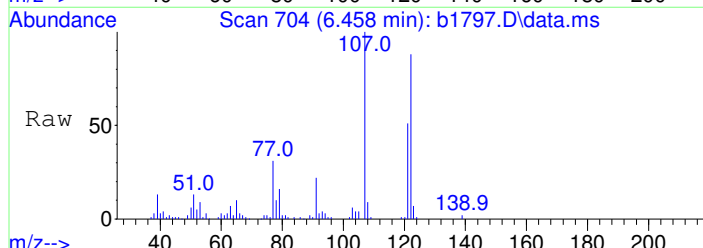
Tgt Ion	139	65	109
Resp	62042	47.2	22.5
Ratio	100	39.7	21.1
Lower		59.5	31.7
Upper			





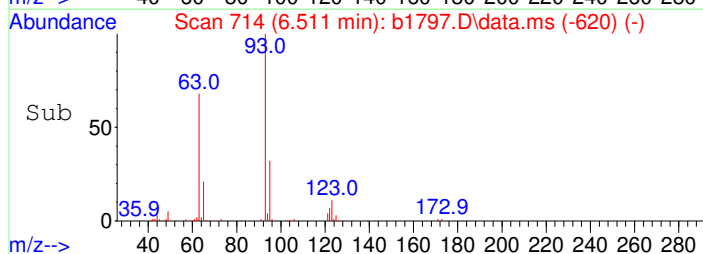
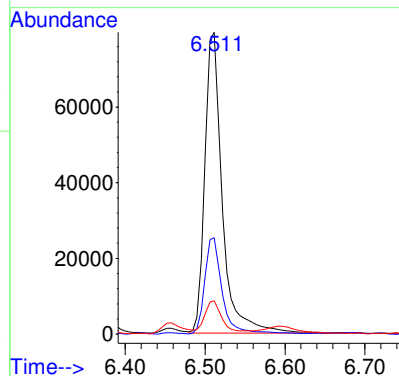
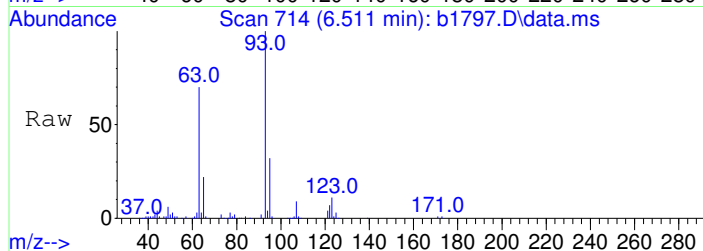
#26
2,4-Dimethylphenol
Concen: 24.97 ug
RT: 6.458 min Scan# 704
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

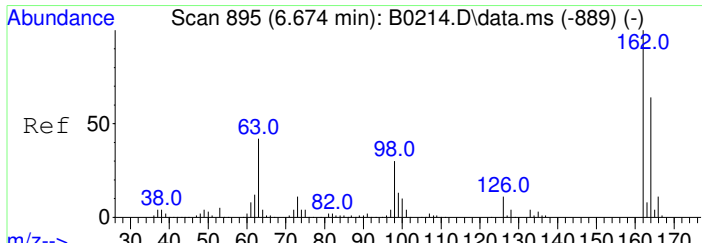
Tgt Ion:107 Resp: 92683
Ion Ratio Lower Upper
107 100
121 51.9 40.3 60.5
122 88.2 69.0 103.4



#27
bis(2-Chloroethoxy)met
Concen: 25.07 ug
RT: 6.511 min Scan# 714
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

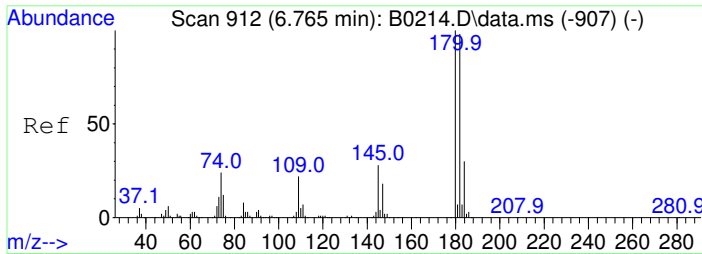
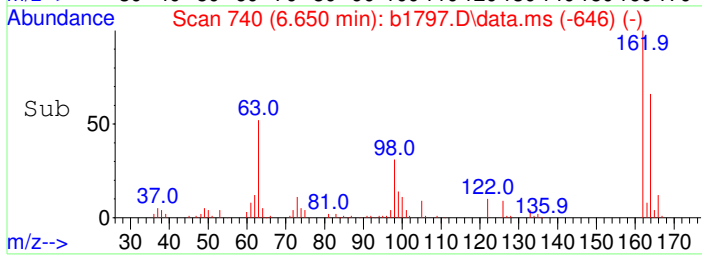
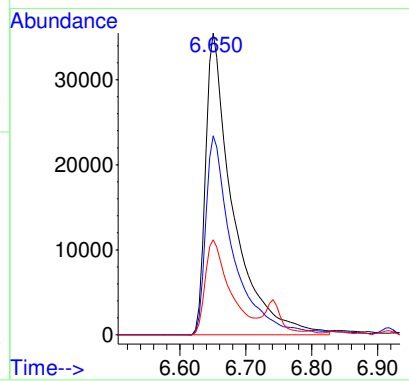
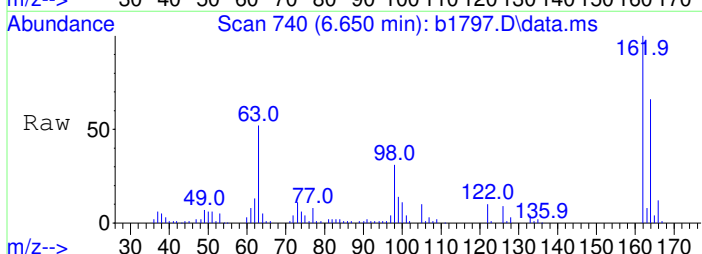
Tgt Ion: 93 Resp: 120586
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.1 9.4 14.2





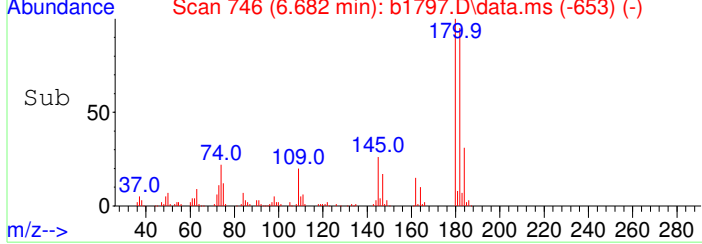
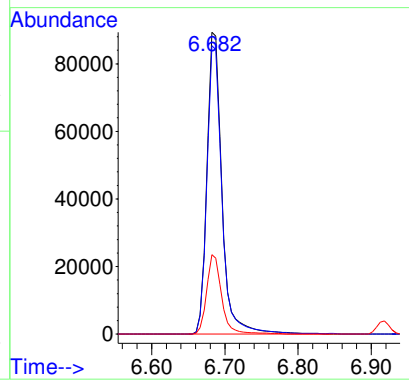
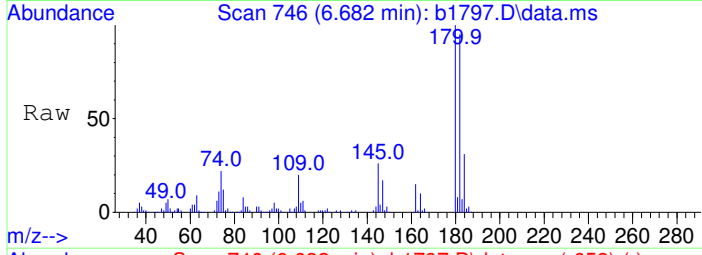
#28
 2,4-Dichlorophenol
 Concen: 24.92 ug
 RT: 6.650 min Scan# 740
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

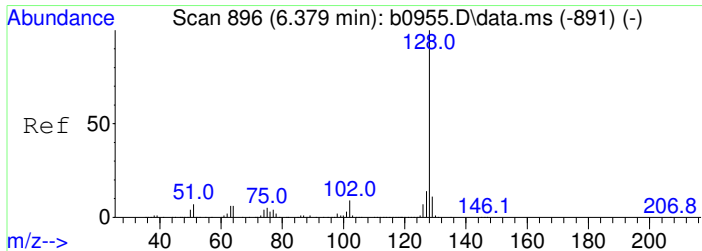
Tgt Ion	162	164	98
Ratio	100	67.1	28.6
Lower		51.4	25.7
Upper		77.2	38.5



#29
 1,2,4-Trichlorobenzene
 Concen: 25.45 ug
 RT: 6.682 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

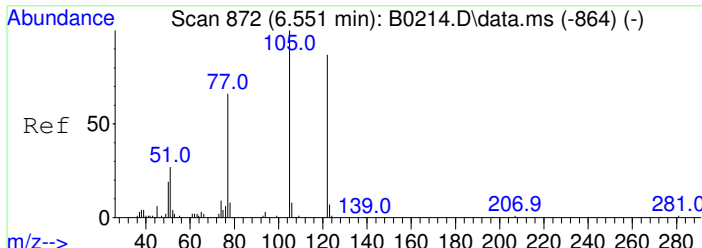
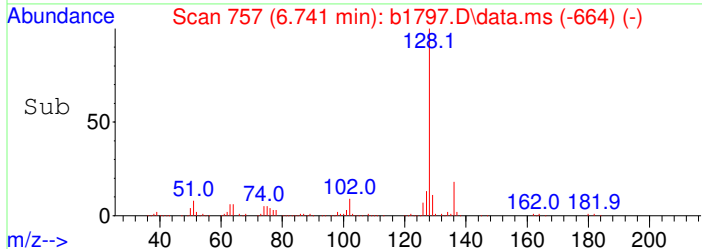
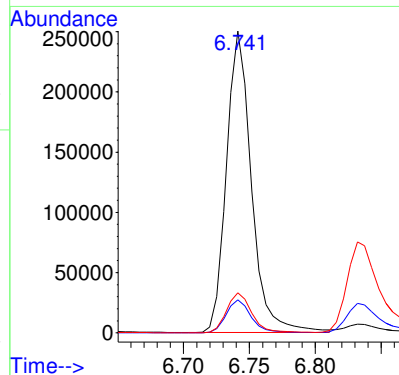
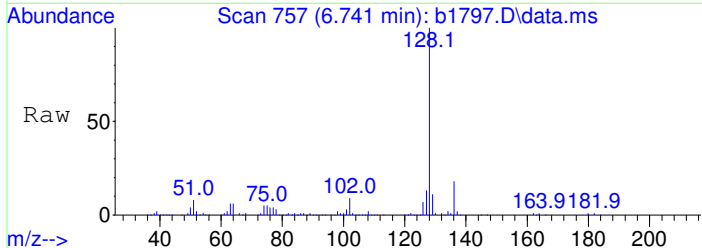
Tgt Ion	180	182	145
Ratio	100	96.1	26.2
Lower		77.3	21.0
Upper		115.9	31.6





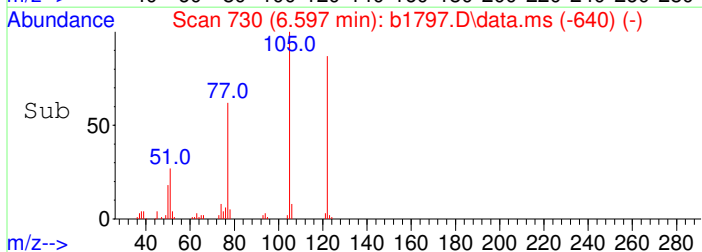
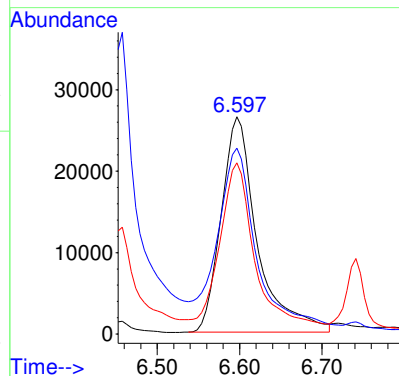
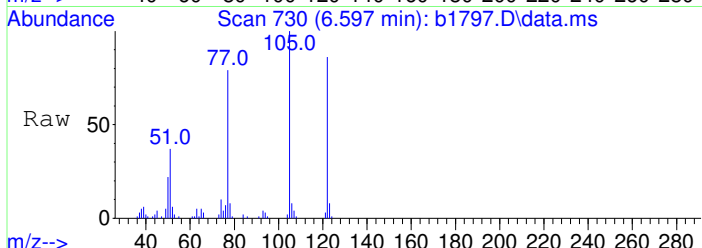
#30
Naphthalene
Concen: 25.11 ug
RT: 6.741 min Scan# 757
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

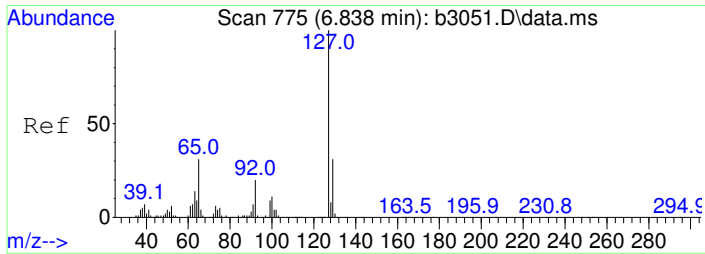
Tgt Ion	128	129	127
Ratio	100	11.0	13.5
Lower		8.6	10.8
Upper		13.0	16.2



#31
Benzoic Acid
Concen: 27.33 ug
RT: 6.597 min Scan# 730
Delta R.T. -0.016 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

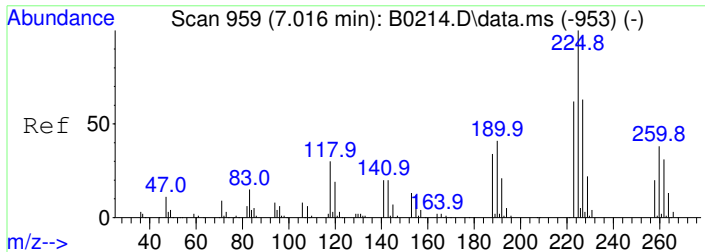
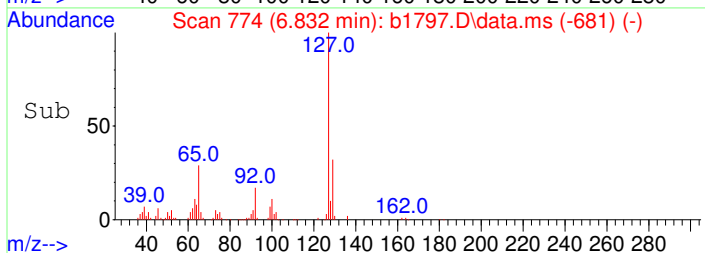
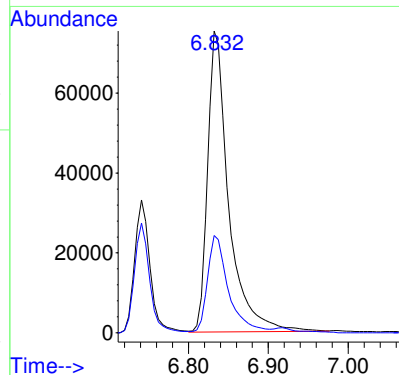
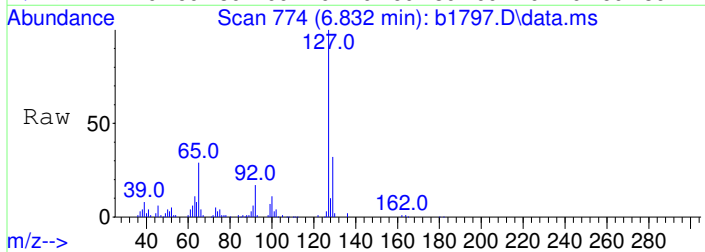
Tgt Ion	105	122	77
Ratio	100	95.9	75.0
Lower		65.7	59.5
Upper		98.5	89.3





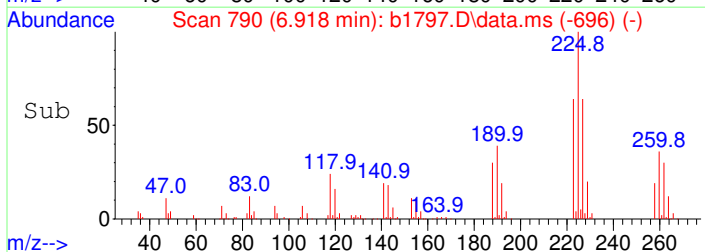
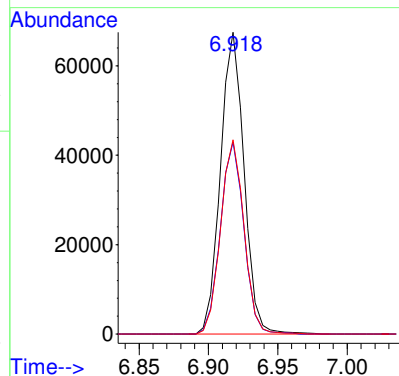
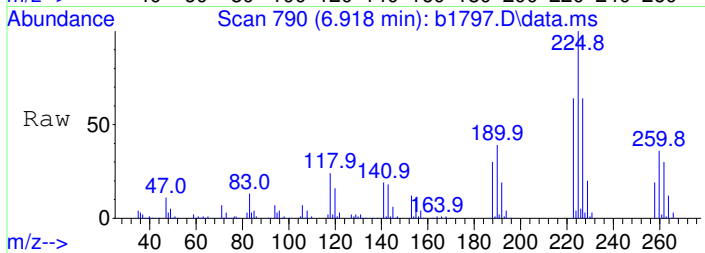
#32
4-Chloroaniline
Concen: 25.49 ug
RT: 6.832 min Scan# 774
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

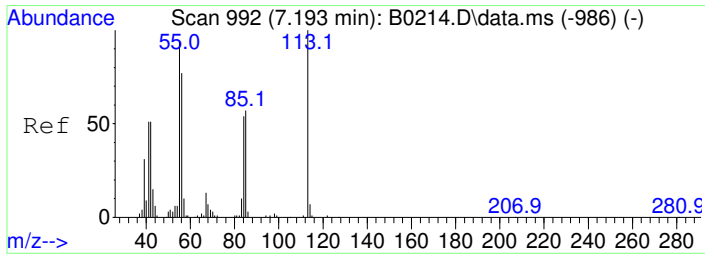
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8



#33
Hexachlorobutadiene
Concen: 25.00 ug
RT: 6.918 min Scan# 790
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

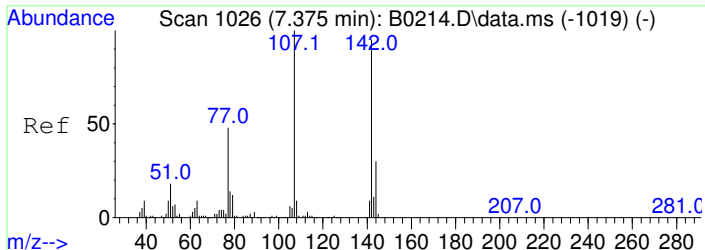
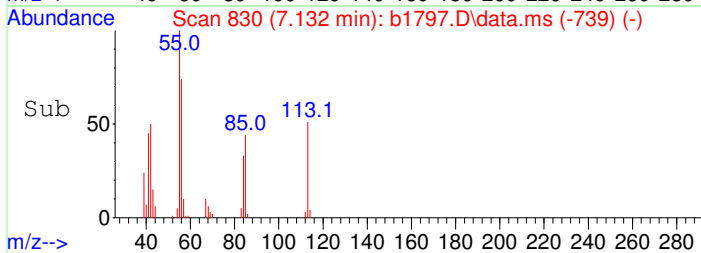
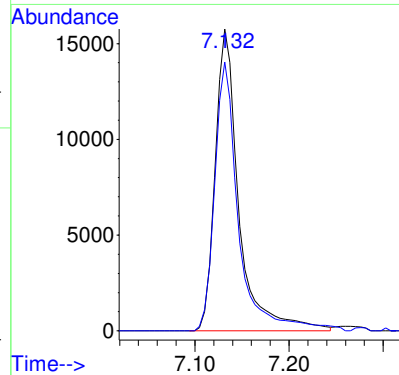
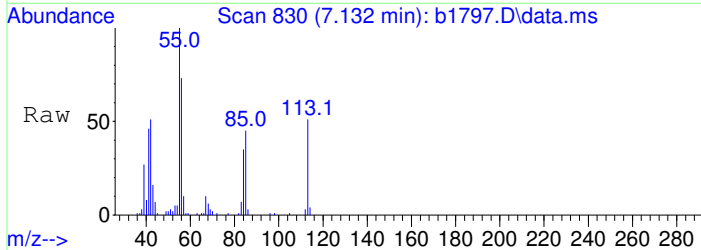
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	63.7	51.0	76.4





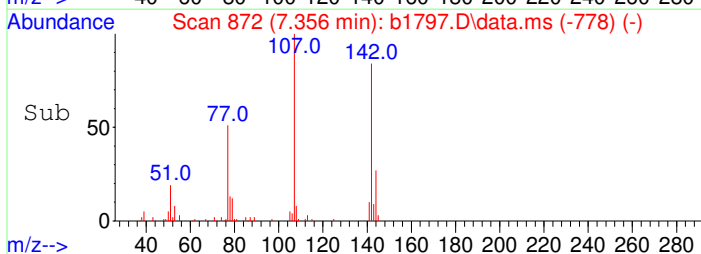
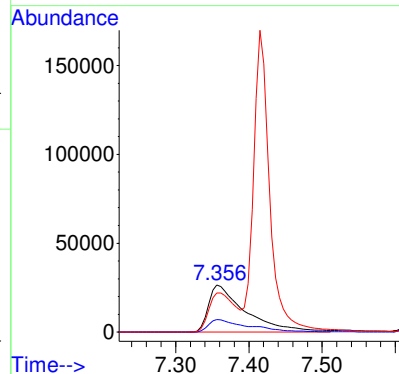
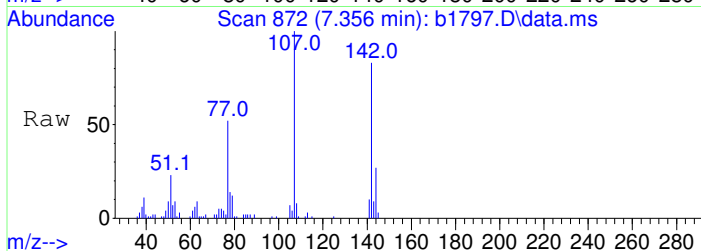
#34
Capralactam
Concen: 24.57 ug
RT: 7.132 min Scan# 830
Delta R.T. -0.011 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

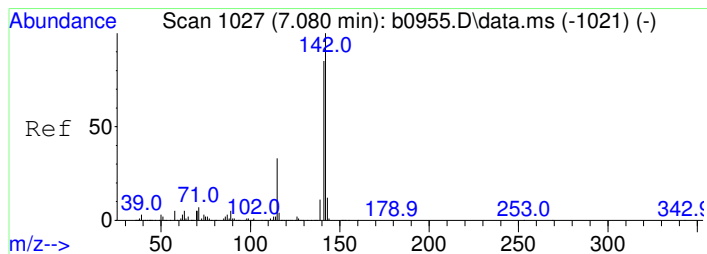
Tgt Ion	Ratio	Lower	Upper
113	100		
85	89.7	67.8	101.6



#35
4-Chloro-3-methylphenol
Concen: 25.05 ug
RT: 7.356 min Scan# 872
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

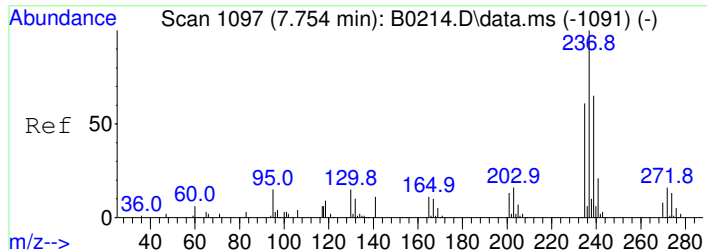
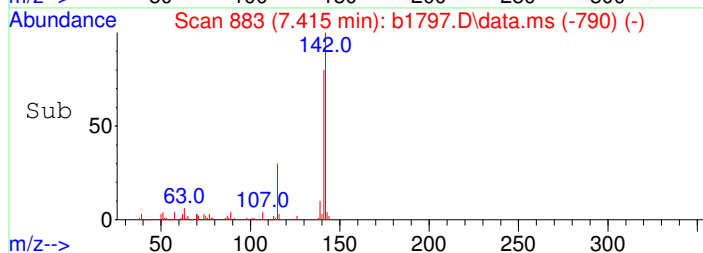
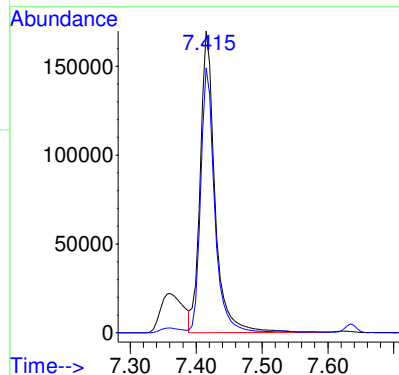
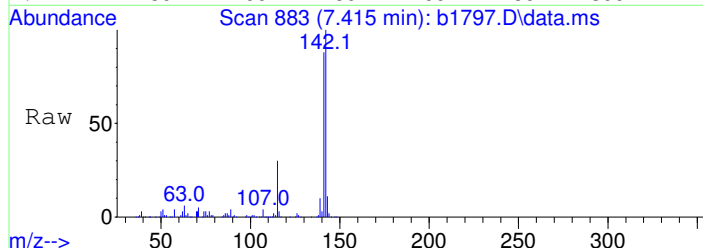
Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.1	25.2	37.8
142	57.6	553.0	829.6#





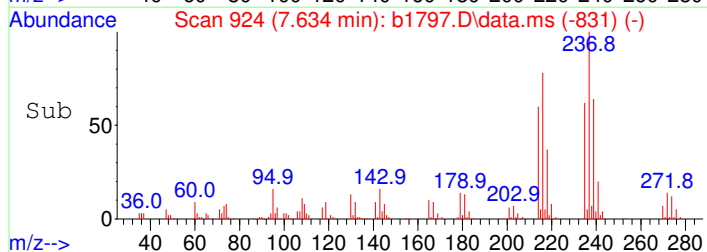
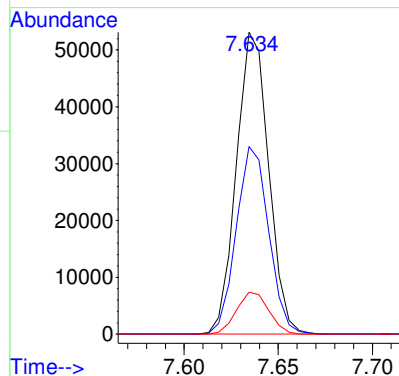
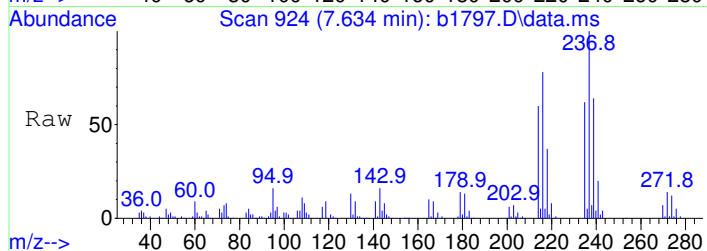
#36
2-Methylnaphthalene
Concen: 25.57 ug
RT: 7.415 min Scan# 883
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

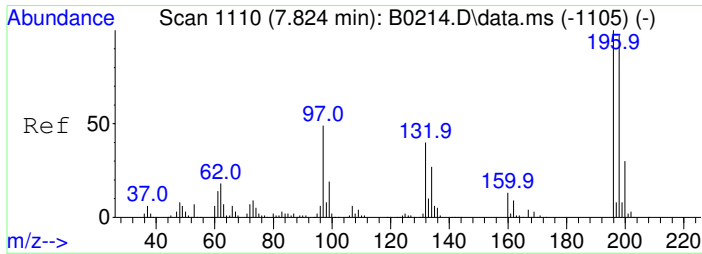
Tgt Ion:142 Resp: 264040
Ion Ratio Lower Upper
142 100
141 82.3 65.0 97.4



#38
Hexachlorocyclopentadiene
Concen: 24.07 ug
RT: 7.634 min Scan# 924
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

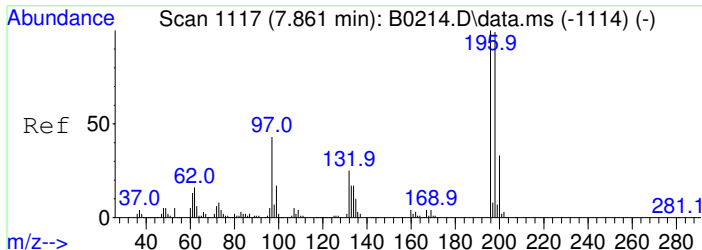
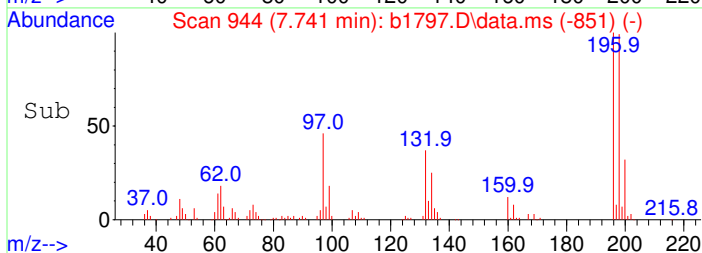
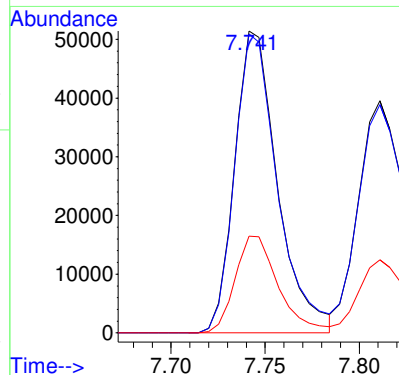
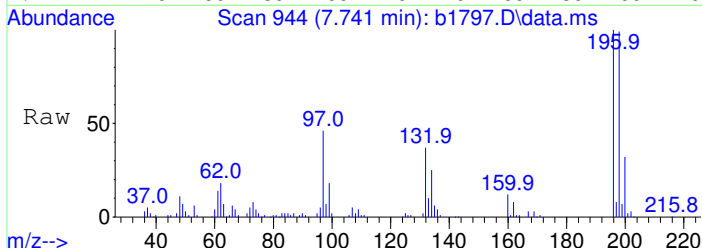
Tgt Ion:237 Resp: 63463
Ion Ratio Lower Upper
237 100
235 62.4 50.7 76.1
272 13.9 10.9 16.3





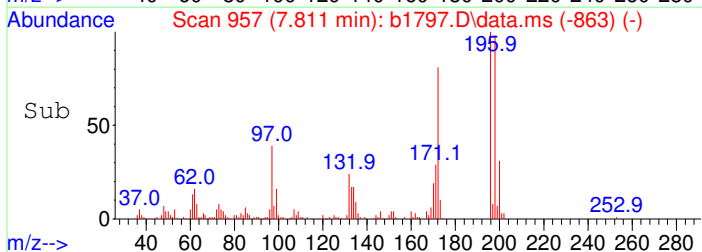
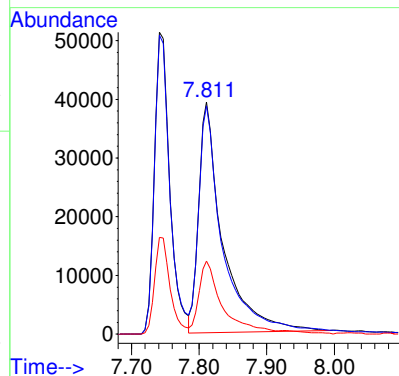
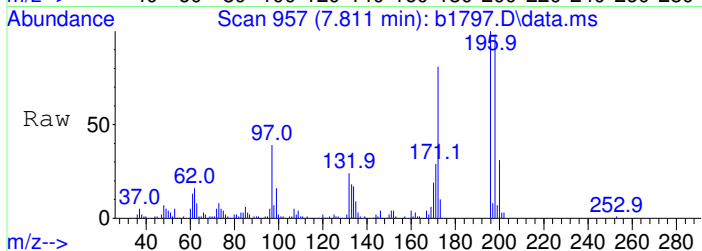
#39
 2,4,6-Trichlorophenol
 Concen: 23.91 ug
 RT: 7.741 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

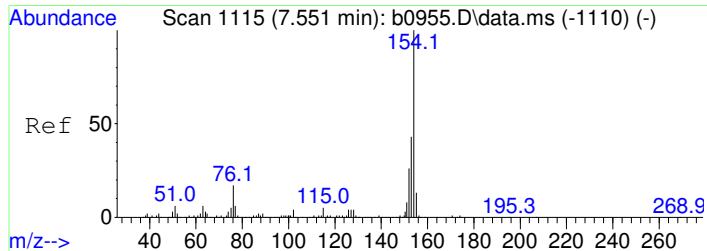
Tgt Ion	196	Resp	81586	
Ion Ratio	Lower	Upper		
196	100			
198	98.8	75.6	113.4	
200	32.3	25.0	37.6	



#40
 2,4,5-Trichlorophenol
 Concen: 24.41 ug
 RT: 7.811 min Scan# 957
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

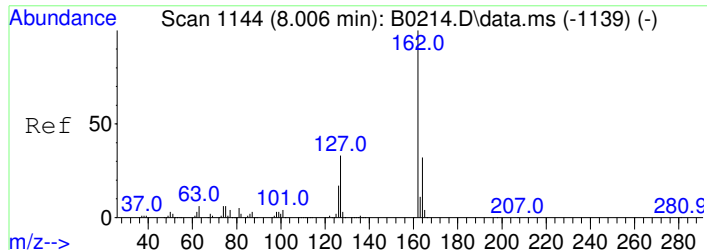
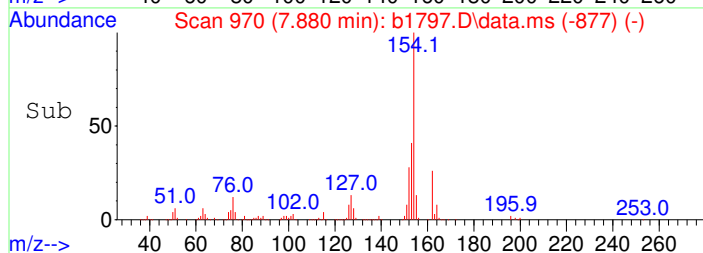
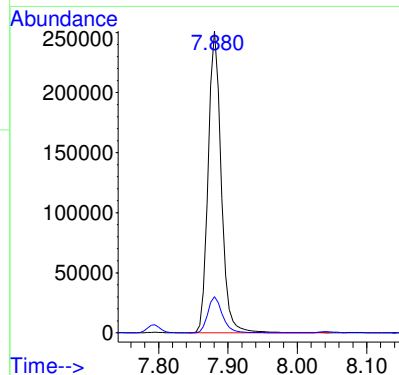
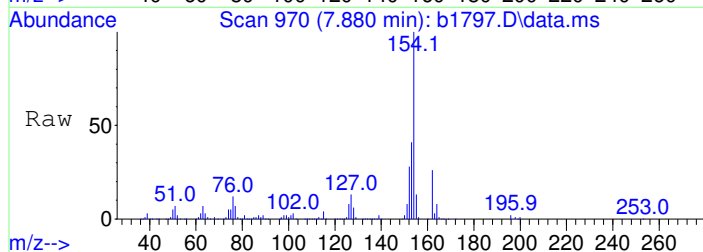
Tgt Ion	196	Resp	97023	
Ion Ratio	Lower	Upper		
196	100			
198	99.7	75.8	113.8	
200	28.0	25.0	37.4	





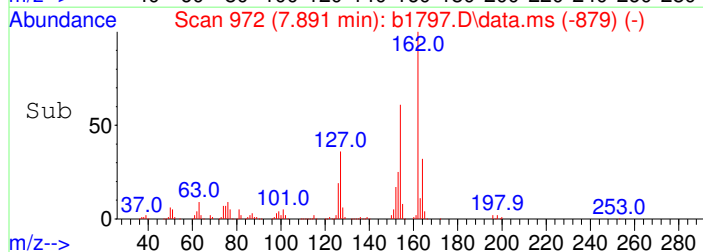
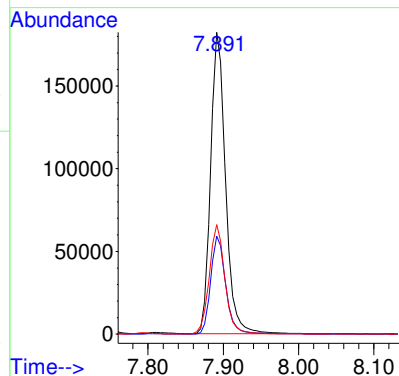
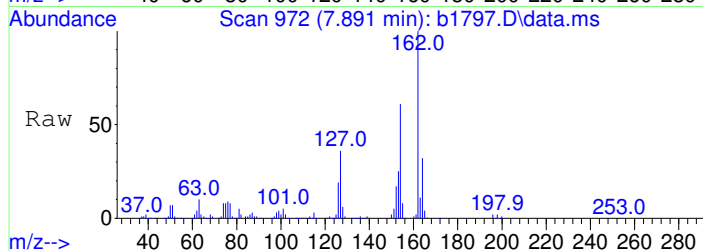
#41
Biphphenyl
Concen: 24.65 ug
RT: 7.880 min Scan# 970
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

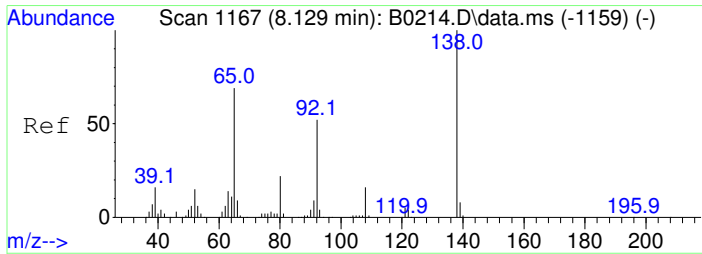
Tgt Ion	Ratio	Lower	Upper
154	100		
76	13.4	7.5	11.3#



#43
2-Chloronaphthalene
Concen: 24.85 ug
RT: 7.891 min Scan# 972
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

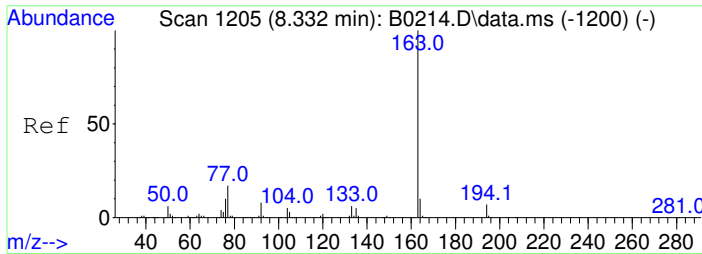
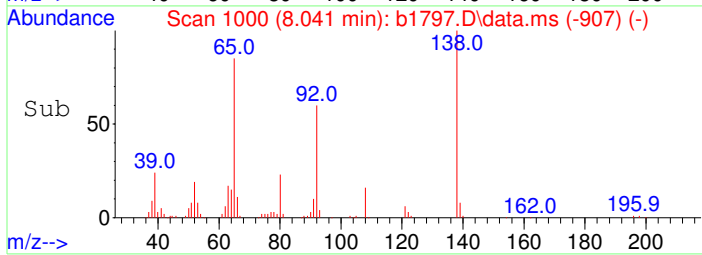
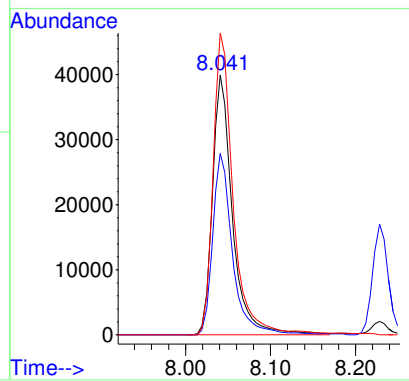
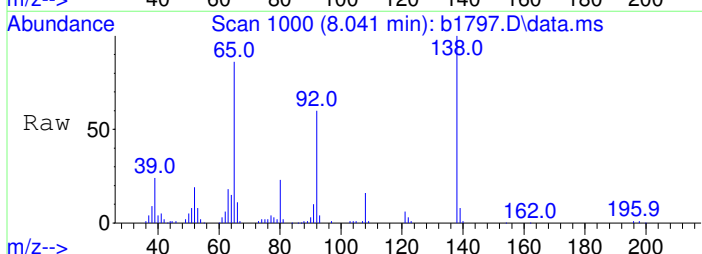
Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.9	40.3
127	38.1	29.1	43.7





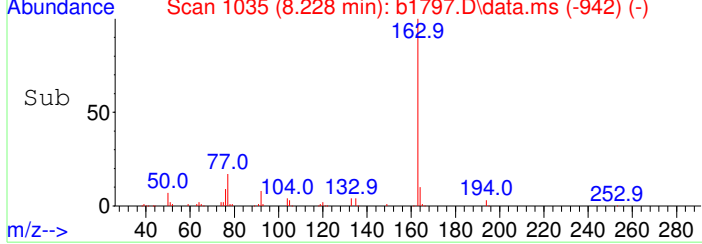
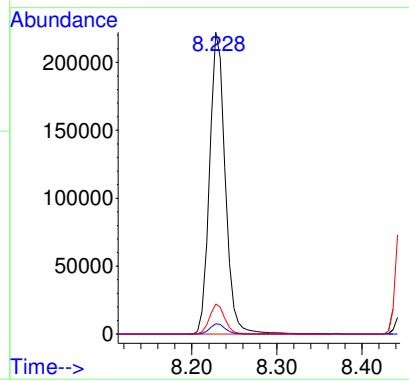
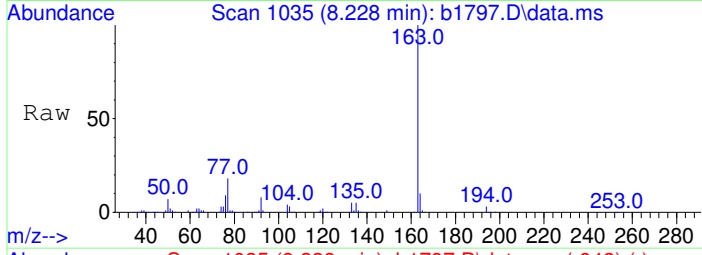
#44
 2-Nitroaniline
 Concen: 24.20 ug
 RT: 8.041 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

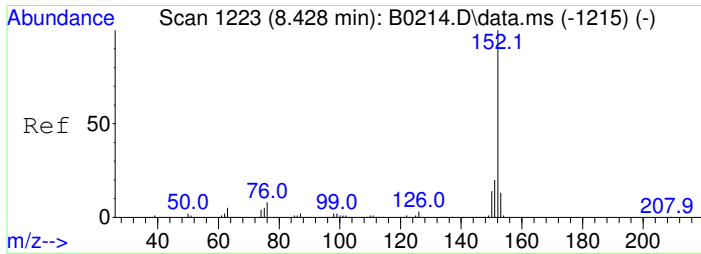
Tgt Ion:	65	Resp:	65514
Ion Ratio	Lower	Upper	
65	100		
92	68.9	59.8	89.8
138	113.9	122.2	183.4#



#45
 Dimethylphthalate
 Concen: 24.91 ug
 RT: 8.228 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

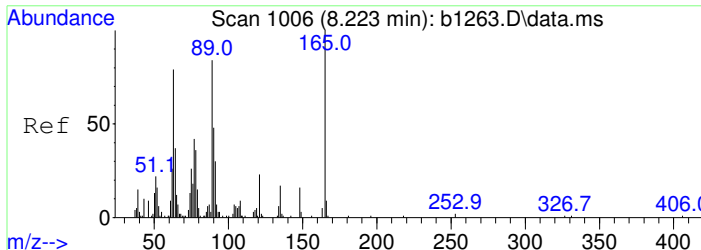
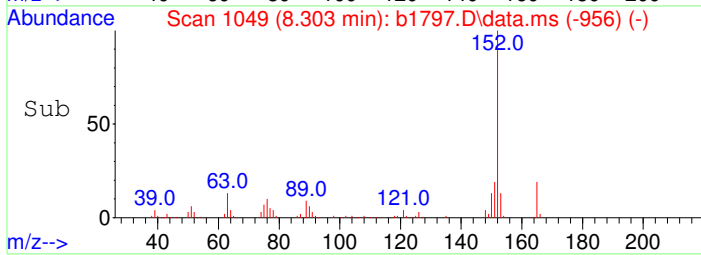
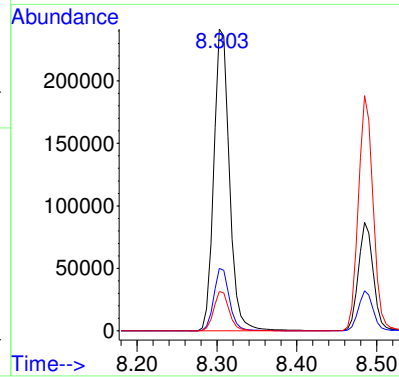
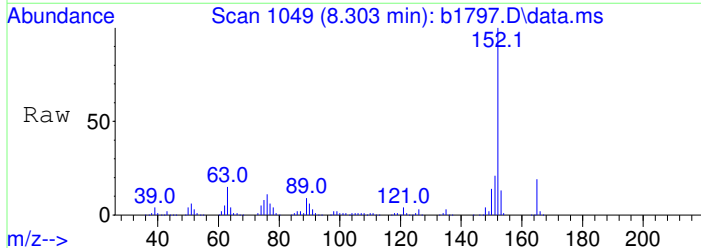
Tgt Ion:	163	Resp:	285810
Ion Ratio	Lower	Upper	
163	100		
194	3.4	5.7	8.5#
164	9.8	8.2	12.2





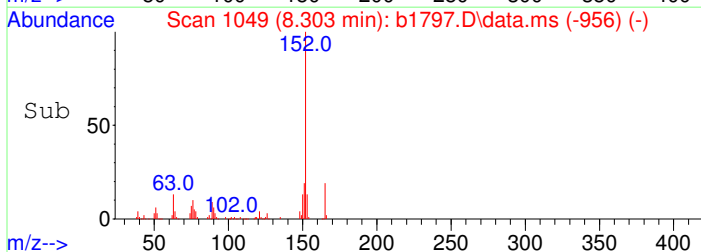
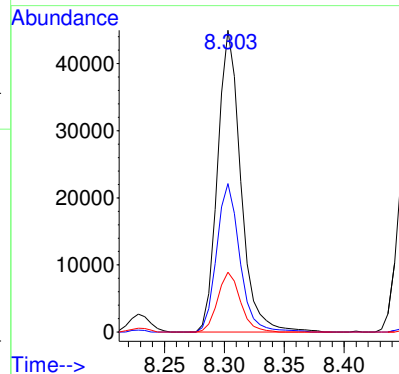
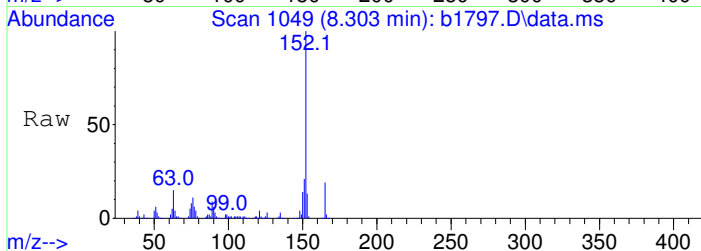
#46
 Acenaphthylene
 Concen: 24.58 ug
 RT: 8.303 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

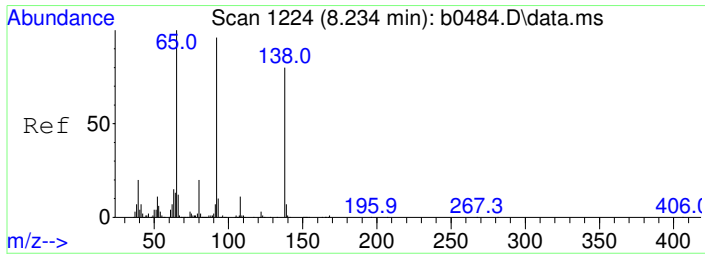
Tgt Ion:	152	Resp:	329508
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.8	23.6
153	12.9	10.7	16.1



#47
 2,6-Dinitrotoluene
 Concen: 24.43 ug
 RT: 8.303 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

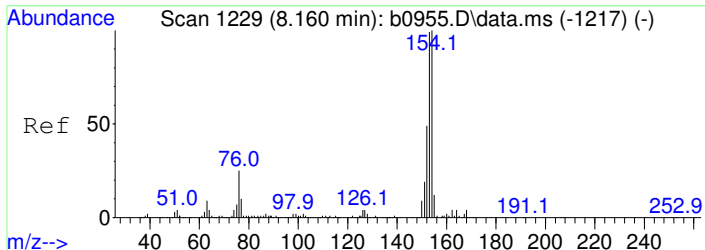
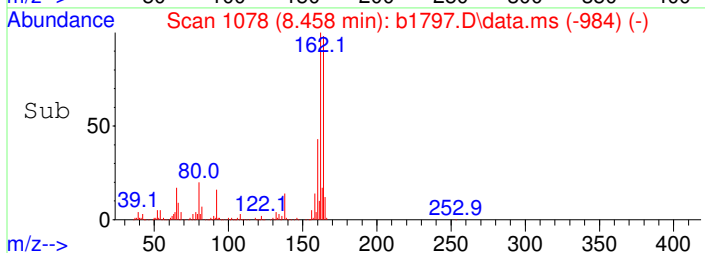
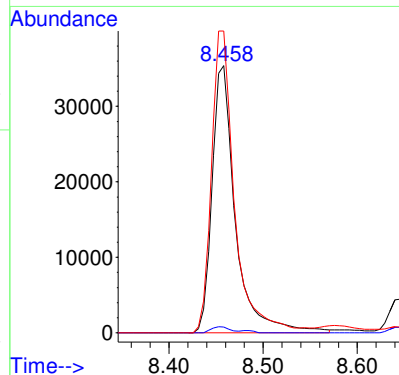
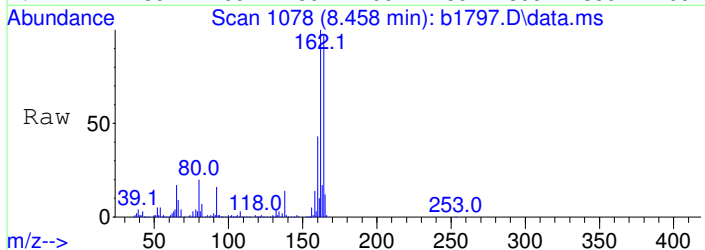
Tgt Ion:	165	Resp:	60806
Ion Ratio	Lower	Upper	
165	100		
89	49.0	38.0	57.0
121	19.4	15.6	23.4





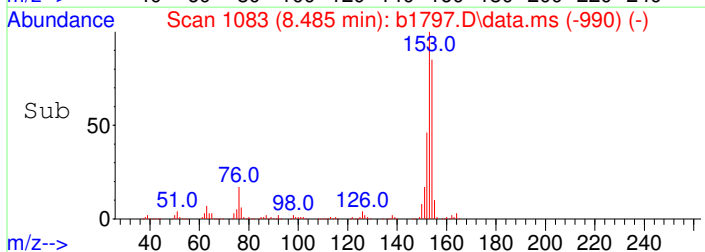
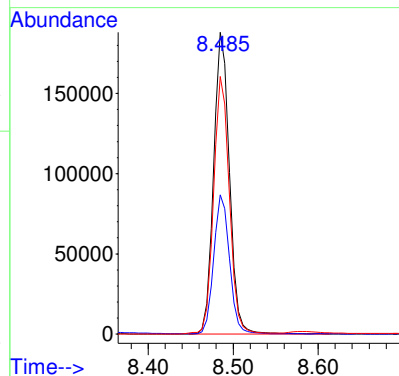
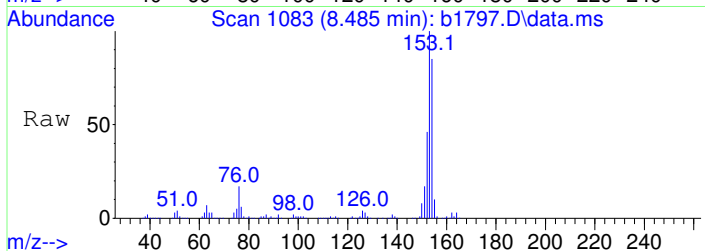
#48
3-Nitroaniline
Concen: 24.26 ug
RT: 8.458 min Scan# 1078
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

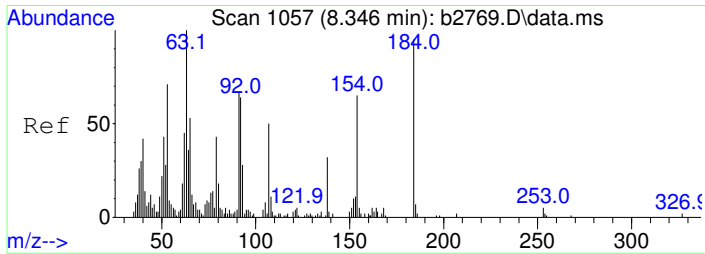
Tgt Ion	138	109	92
Resp	61188	1.9	110.6
Ratio	100	1.2	44.2
Lower			
Upper		1.8#	66.2#



#49
Acenaphthene
Concen: 24.90 ug
RT: 8.485 min Scan# 1083
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

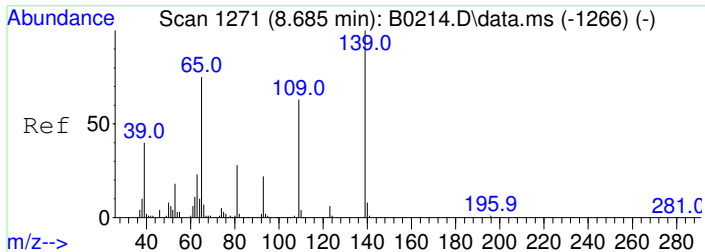
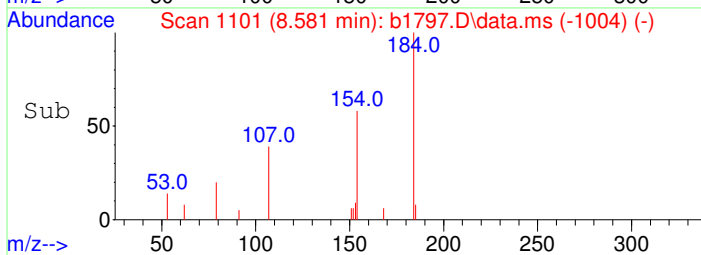
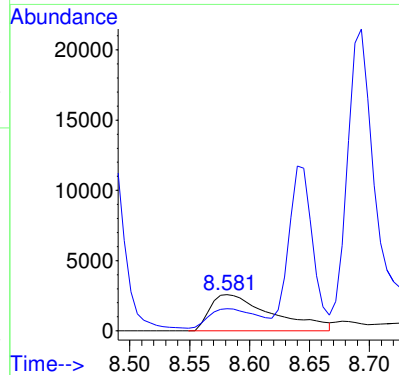
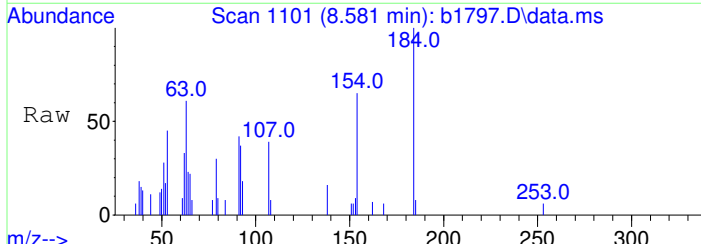
Tgt Ion	153	152	154
Resp	243151	45.7	85.3
Ratio	100	37.8	74.1
Lower			
Upper		56.8	111.1





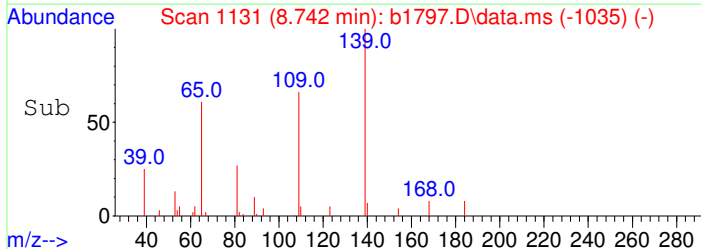
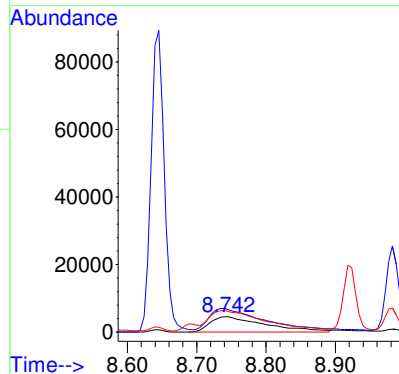
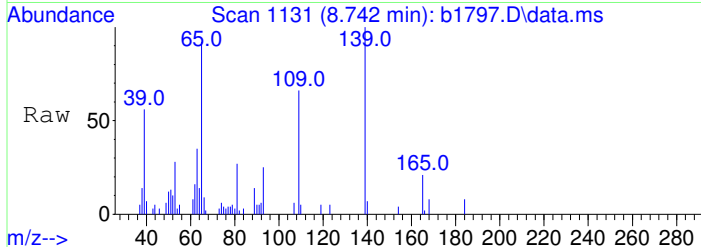
#50
2,4-Dinitrophenol
Concen: 28.02 ug
RT: 8.581 min Scan# 1101
Delta R.T. 0.021 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

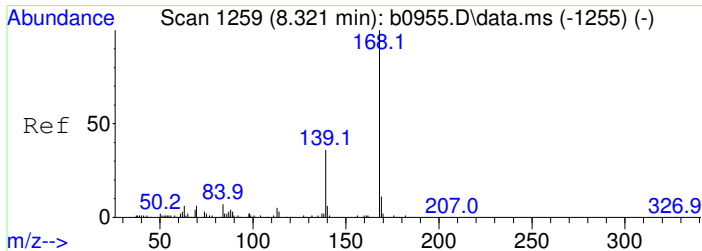
Tgt Ion:184 Resp: 9370
Ion Ratio Lower Upper
184 100
63 41.5 46.2 69.4#



#51
4-Nitrophenol
Concen: 21.87 ug
RT: 8.742 min Scan# 1131
Delta R.T. 0.016 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

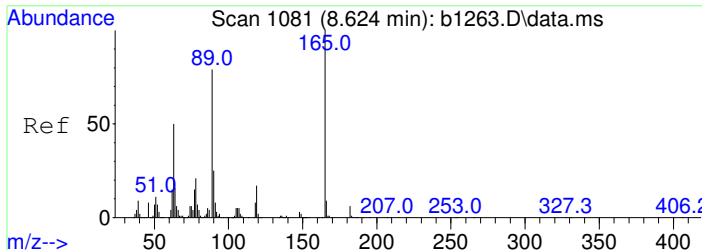
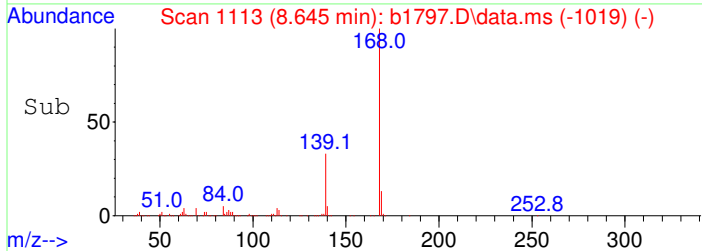
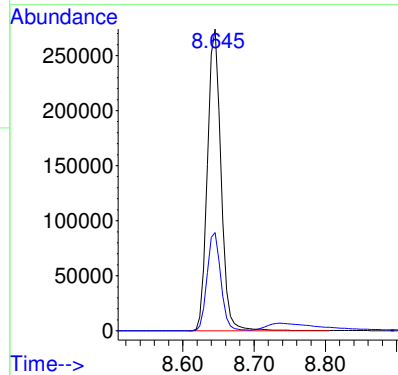
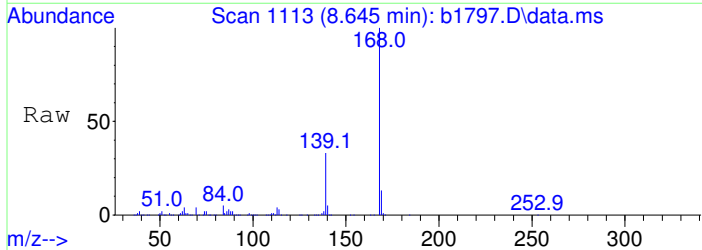
Tgt Ion:109 Resp: 25371
Ion Ratio Lower Upper
109 100
139 163.4 122.6 183.8
65 128.5 122.6 184.0





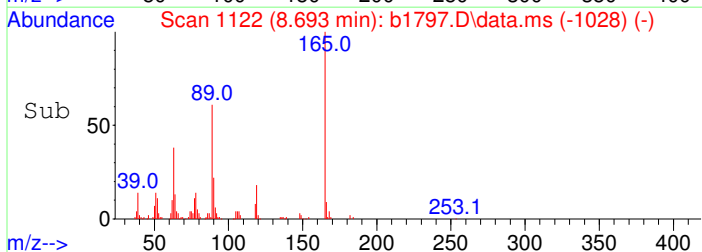
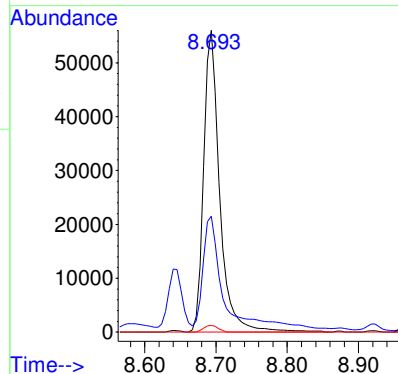
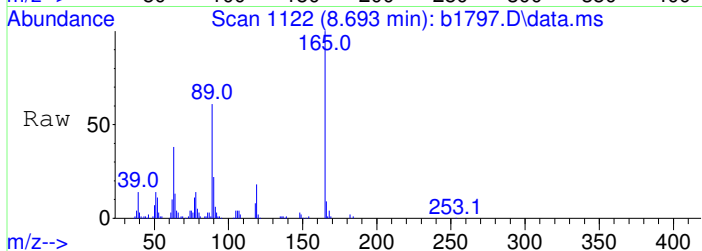
#52
Dibenzofuran
Concen: 24.77 ug
RT: 8.645 min Scan# 1113
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

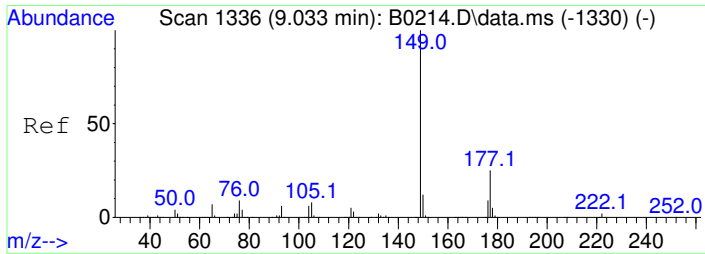
Tgt Ion:168 Resp: 362626
Ion Ratio Lower Upper
168 100
139 32.8 30.5 45.7



#53
2,4-Dinitrotoluene
Concen: 24.75 ug
RT: 8.693 min Scan# 1122
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

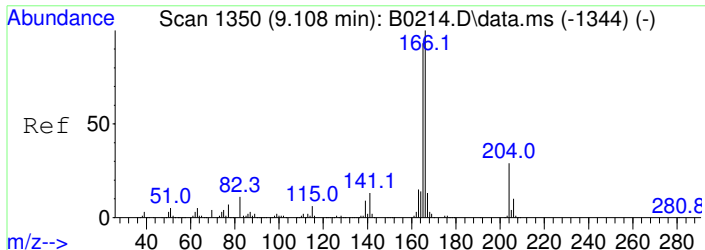
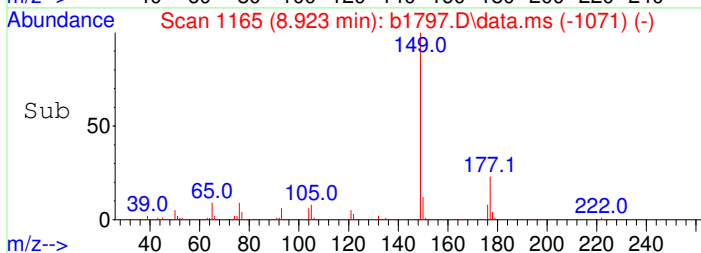
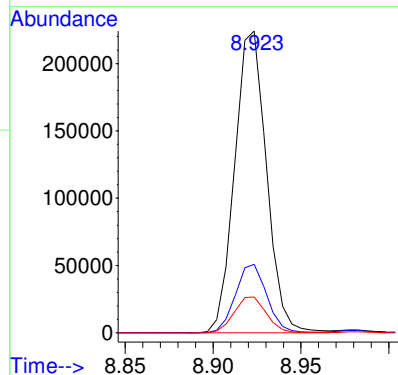
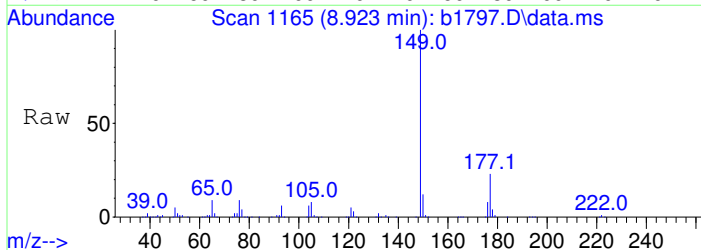
Tgt Ion:165 Resp: 87566
Ion Ratio Lower Upper
165 100
63 46.7 29.4 44.0#
182 0.0 4.5 6.7#





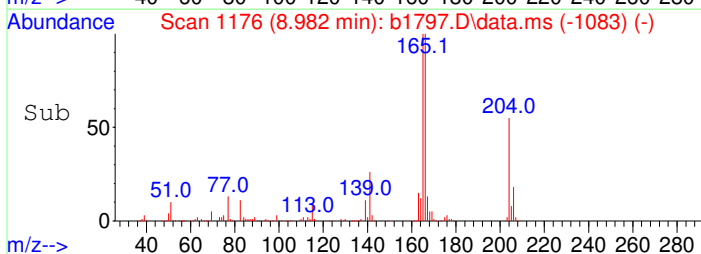
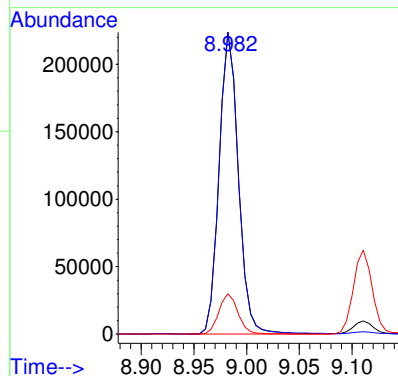
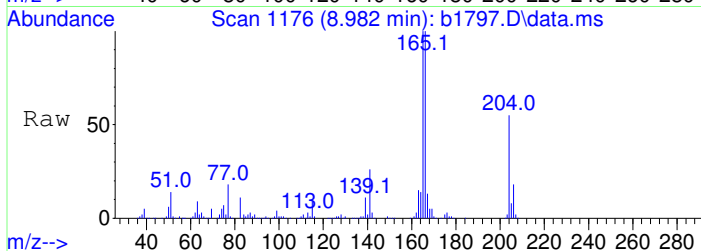
#54
Diethylphthalate
Concen: 24.78 ug
RT: 8.923 min Scan# 1165
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

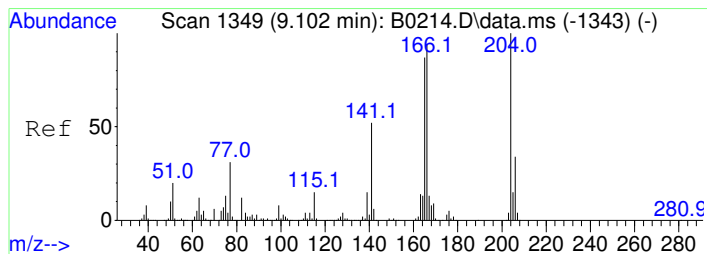
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.8	29.8
150	12.0	10.0	15.0



#55
Fluorene
Concen: 24.91 ug
RT: 8.982 min Scan# 1176
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

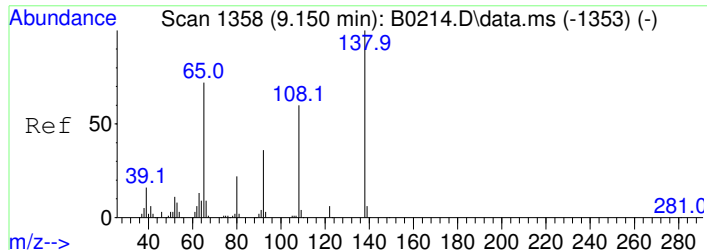
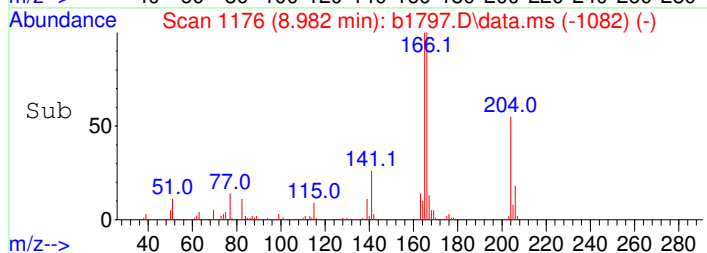
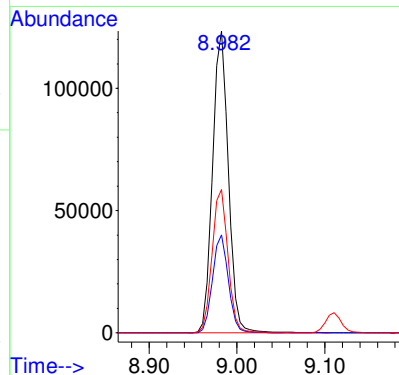
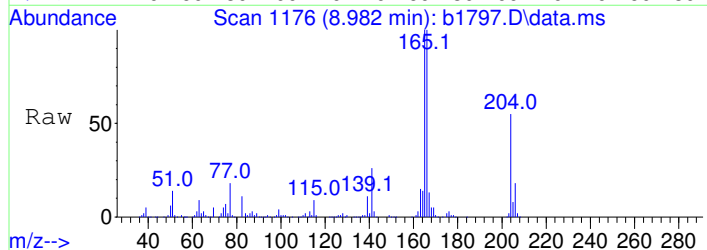
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	75.2	112.8
167	13.3	11.4	17.0





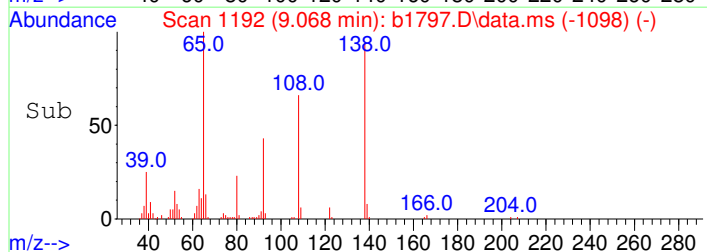
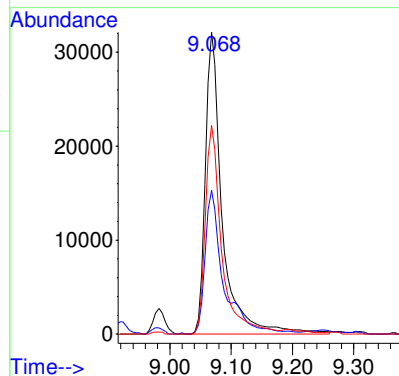
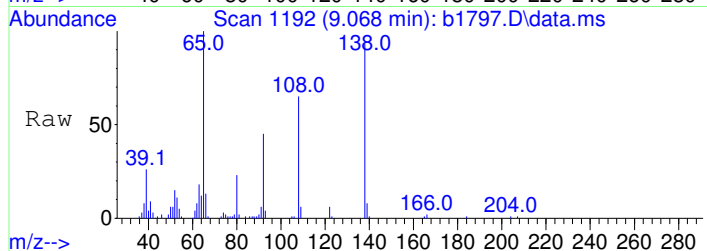
#56
4-Chlorophenyl-phenyle
Concen: 24.80 ug
RT: 8.982 min Scan# 1176
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

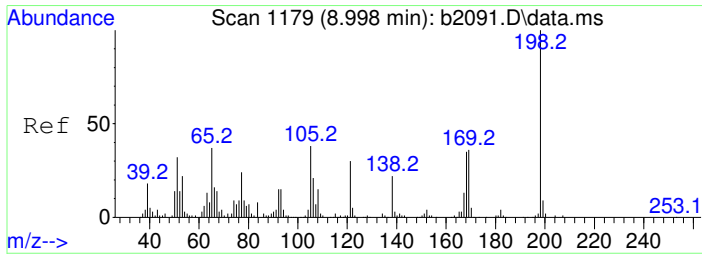
Tgt Ion:204	Resp: 153923
Ion Ratio	Lower Upper
204	100
206	32.4 27.0 40.4
141	47.7 40.8 61.2



#57
4-Nitroaniline
Concen: 24.79 ug
RT: 9.068 min Scan# 1192
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

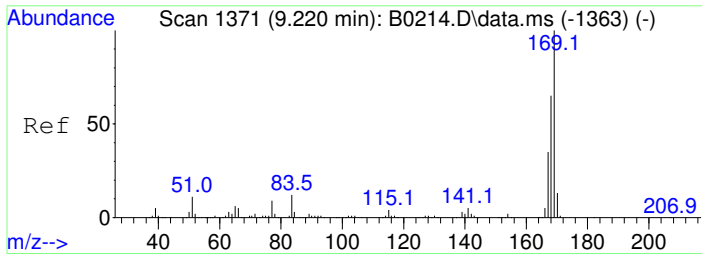
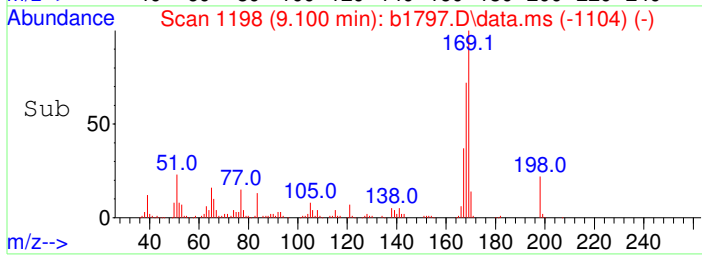
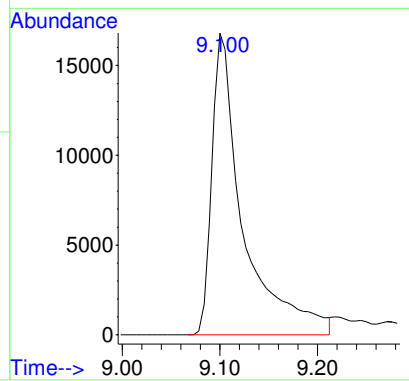
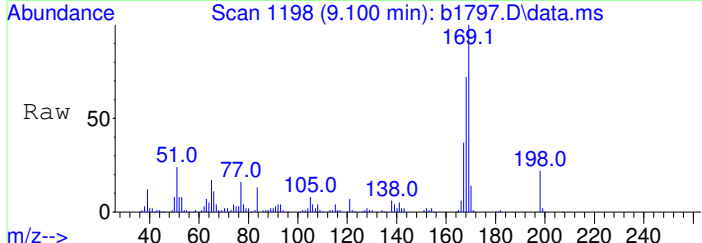
Tgt Ion:138	Resp: 62007
Ion Ratio	Lower Upper
138	100
92	52.1 32.2 48.2#
108	67.0 60.6 90.8





#59
 4,6-Dinitro-2-methylph
 Concen: 18.02 ug
 RT: 9.100 min Scan# 1198
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

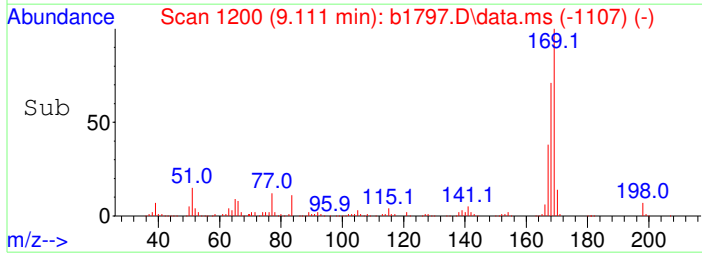
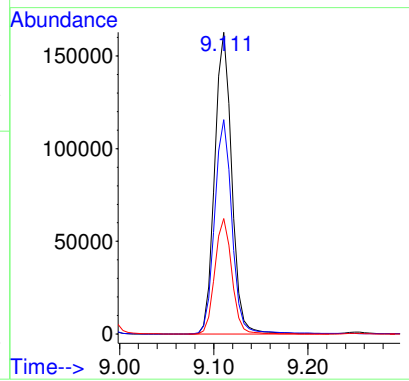
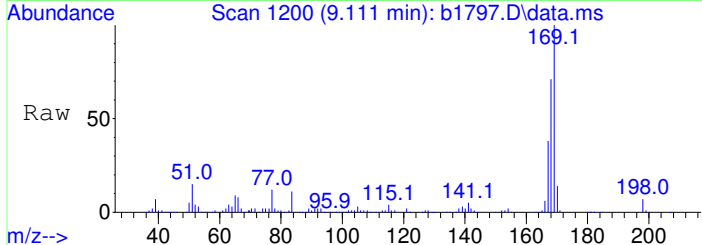
Tgt Ion:198 Resp: 37338

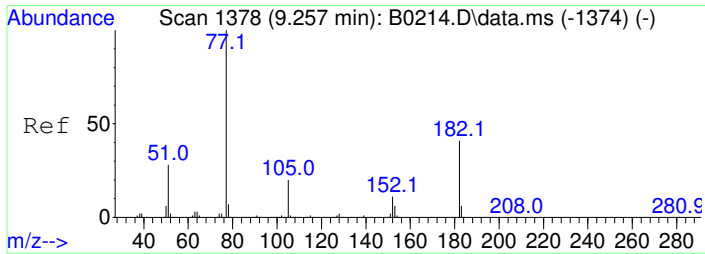


#60
 n-Nitrosodiphenylamine
 Concen: 24.85 ug
 RT: 9.111 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

Tgt Ion:169 Resp: 205612

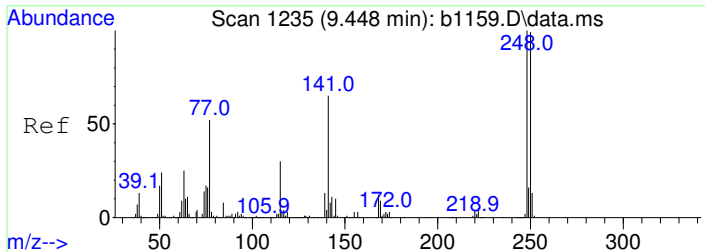
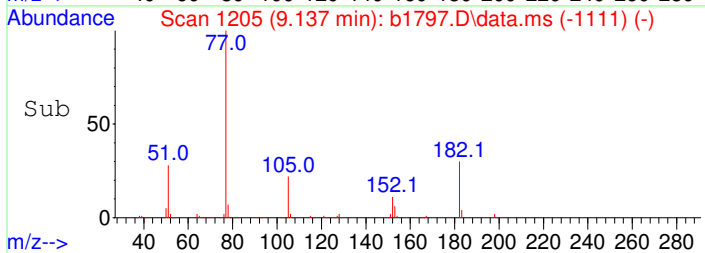
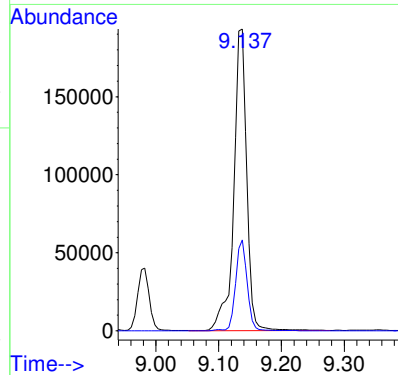
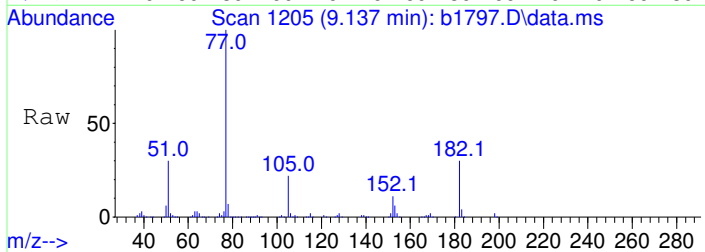
Ion	Ratio	Lower	Upper
169	100		
168	73.4	51.0	76.6
167	38.0	27.7	41.5





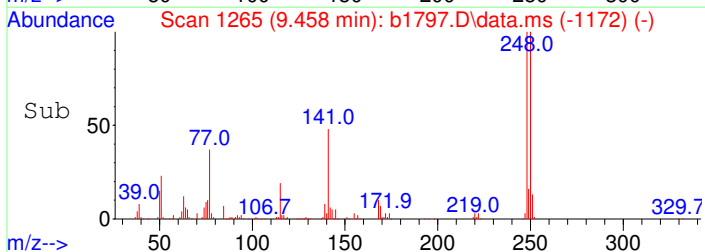
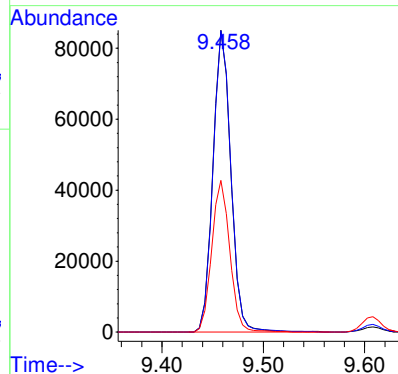
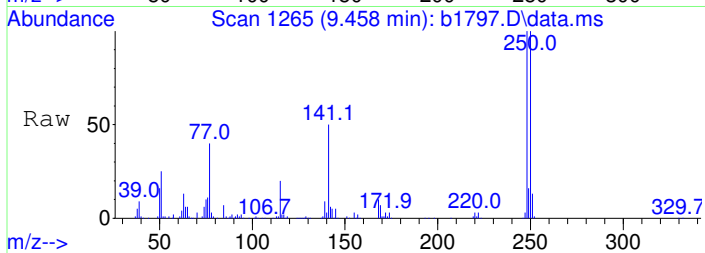
#62
Azobenzene
Concen: 25.12 ug
RT: 9.137 min Scan# 1205
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

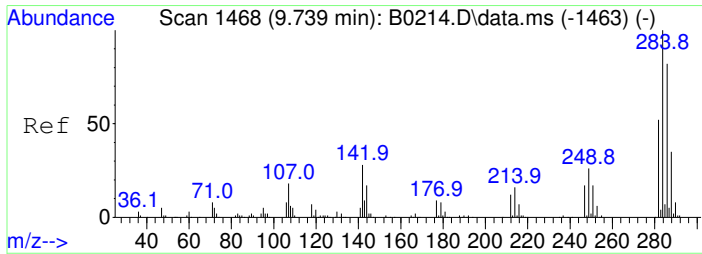
Tgt Ion: 77 Resp: 277478
Ion Ratio Lower Upper
77 100
182 26.8 30.2 45.4#



#63
4-Bromophenyl-phenylether
Concen: 24.68 ug
RT: 9.458 min Scan# 1265
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

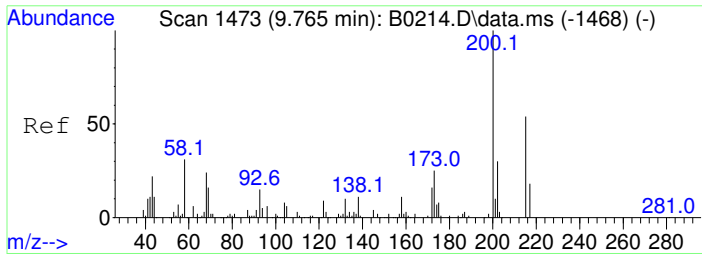
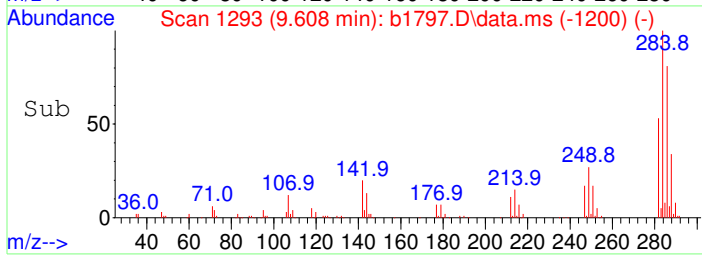
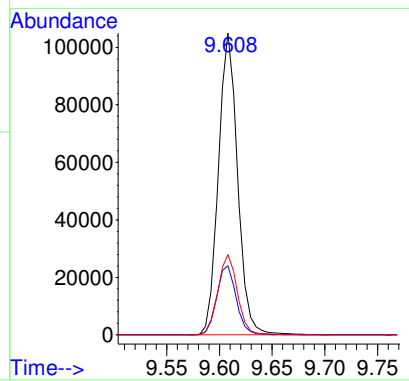
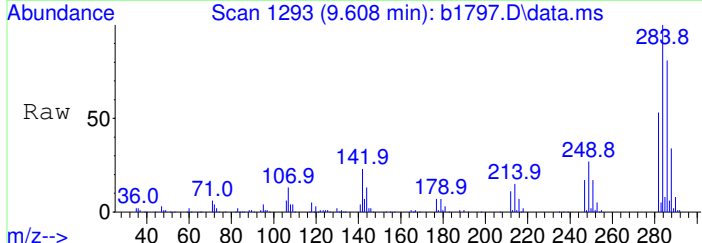
Tgt Ion: 248 Resp: 105354
Ion Ratio Lower Upper
248 100
250 99.9 76.7 115.1
141 50.8 46.2 69.2





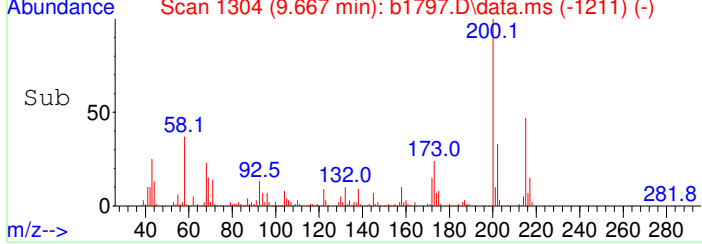
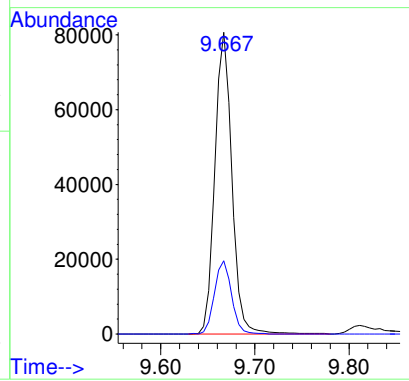
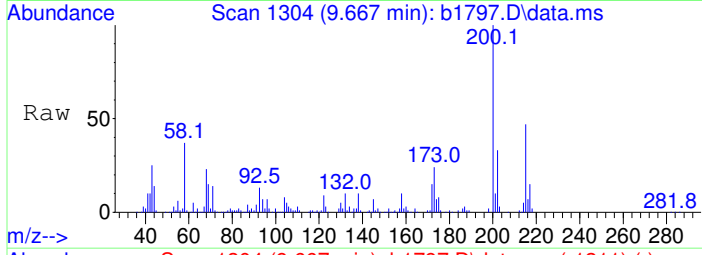
#64
Hexachlorobenzene
Concen: 24.39 ug
RT: 9.608 min Scan# 1293
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

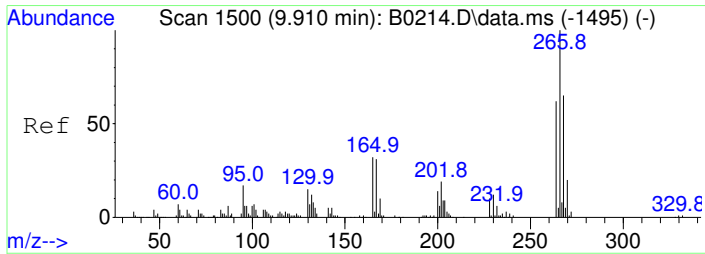
Tgt Ion	284	142	249
Ion Ratio	100	23.2	26.7
Resp	133514		
Lower		24.7	23.0
Upper		37.1#	34.4



#65
Atrazine
Concen: 25.62 ug
RT: 9.667 min Scan# 1304
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

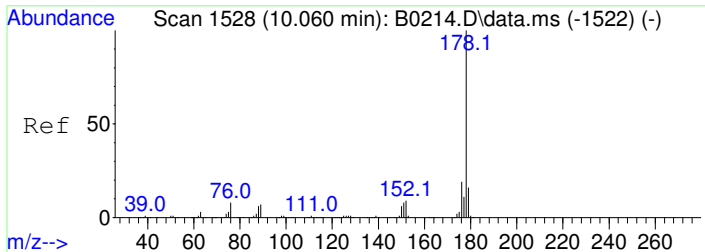
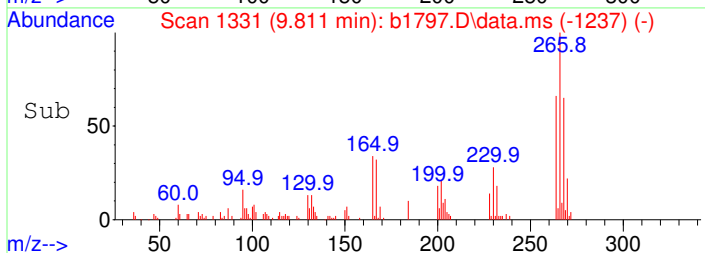
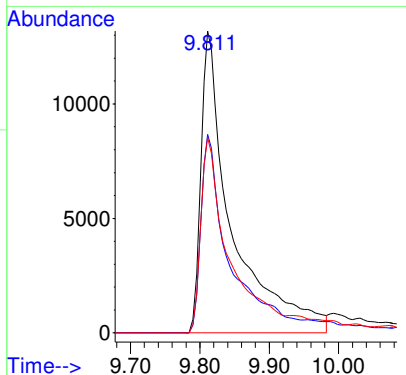
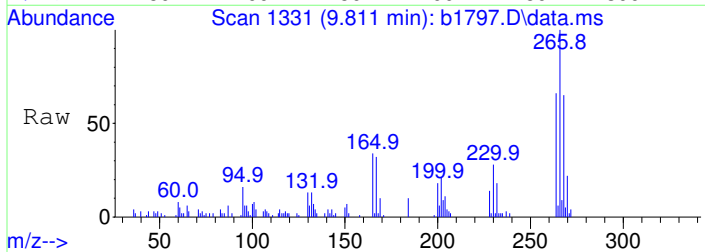
Tgt Ion	200	173
Ion Ratio	100	24.4
Resp	101390	
Lower		19.8
Upper		29.8





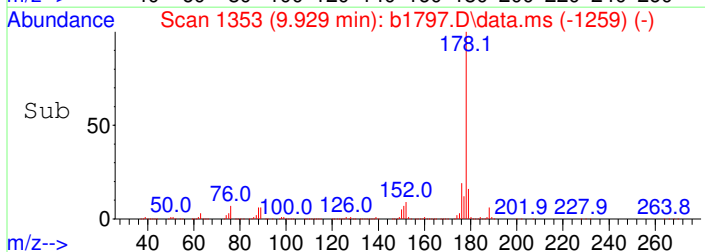
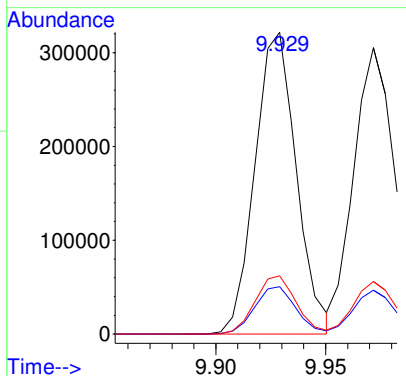
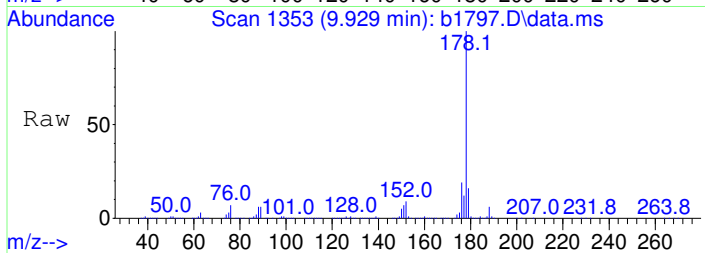
#66
 Pentachlorophenol
 Concen: 18.70 ug
 RT: 9.811 min Scan# 1331
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

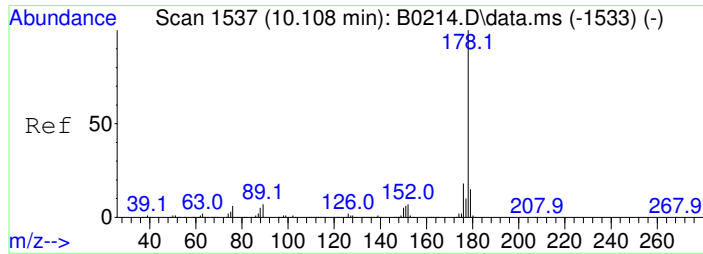
Tgt Ion	266	Resp	40838
Ion Ratio	Lower	Upper	
266	100		
264	67.6	49.3	73.9
268	59.2	50.1	75.1



#67
 Phenanthrene
 Concen: 24.73 ug
 RT: 9.929 min Scan# 1353
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

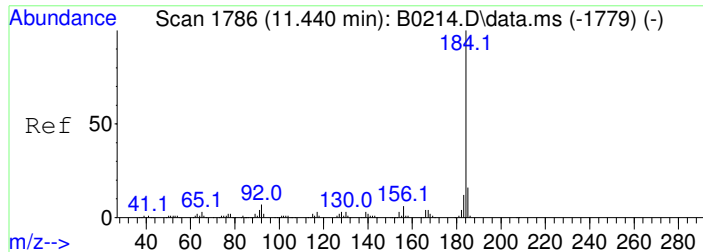
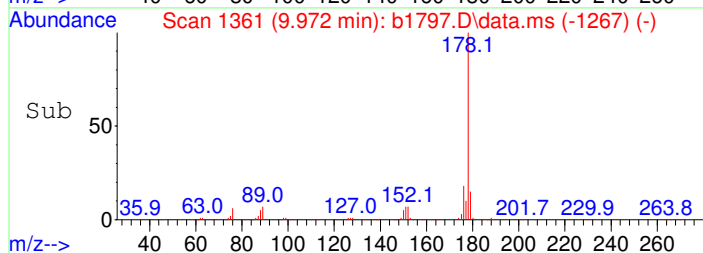
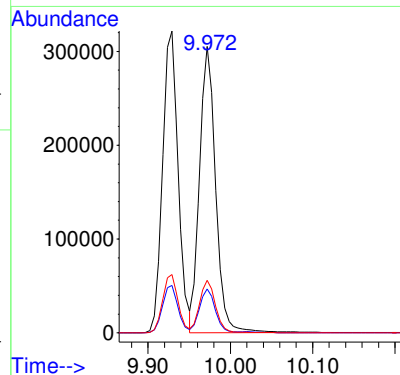
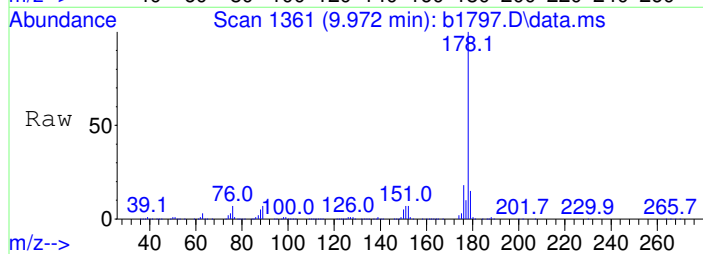
Tgt Ion	178	Resp	421801
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.2
176	19.2	15.2	22.8





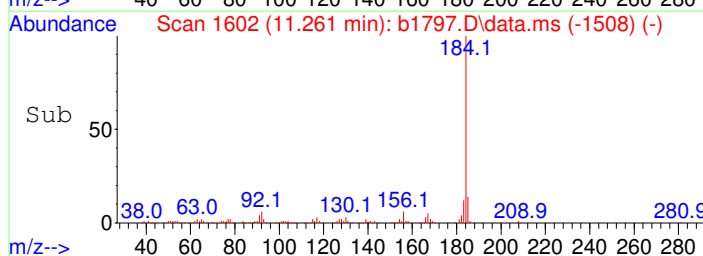
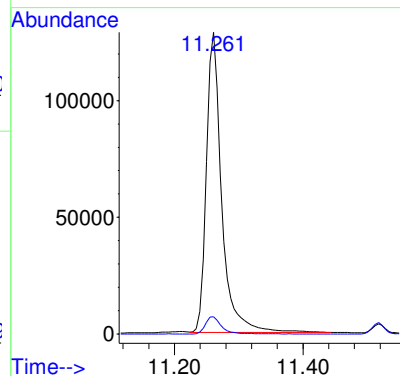
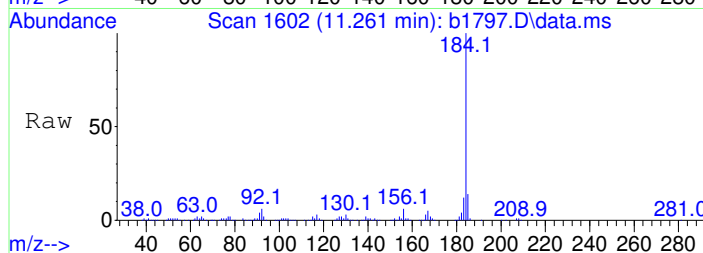
#68
 Anthracene
 Concen: 24.89 ug
 RT: 9.972 min Scan# 1361
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

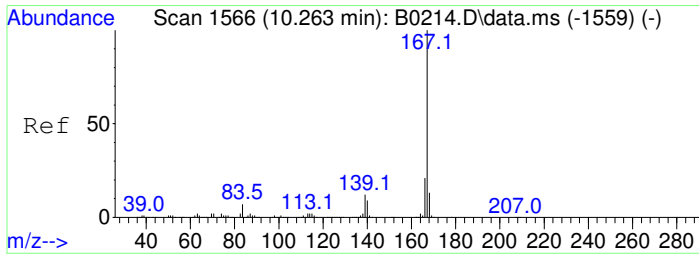
Tgt Ion	178	179	176
Resp	414857	14.4	18.3
Ratio	100	12.4	14.8
Lower			
Upper		18.6	22.2



#69
 Benzidine
 Concen: 30.82 ug
 RT: 11.261 min Scan# 1602
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

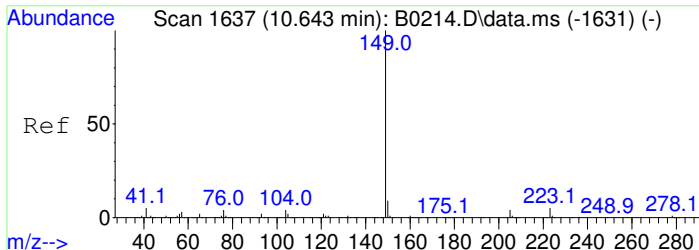
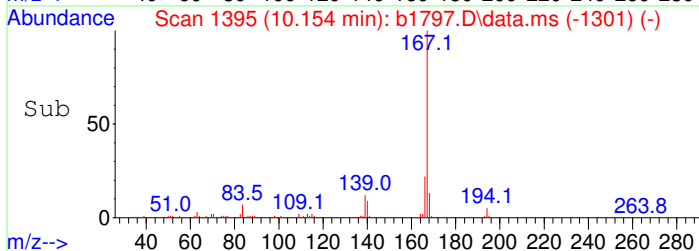
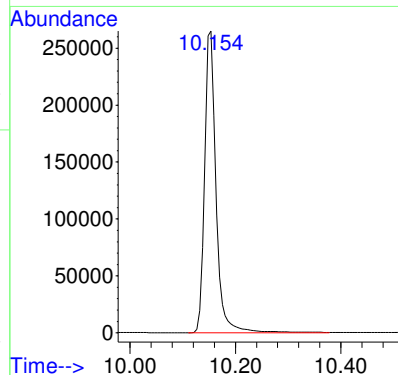
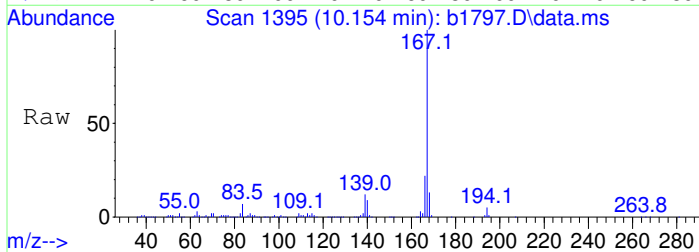
Tgt Ion	184	92
Resp	212786	6.3
Ratio	100	4.3
Lower		
Upper		6.5





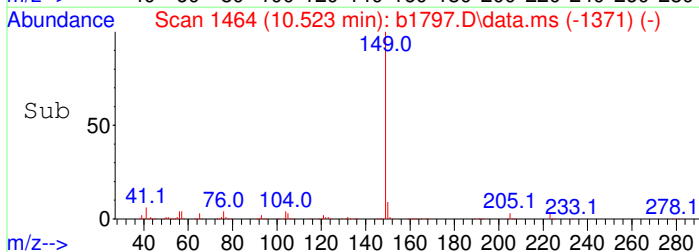
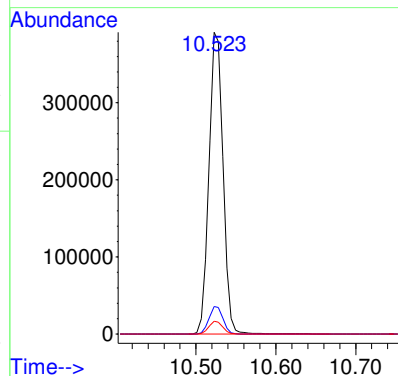
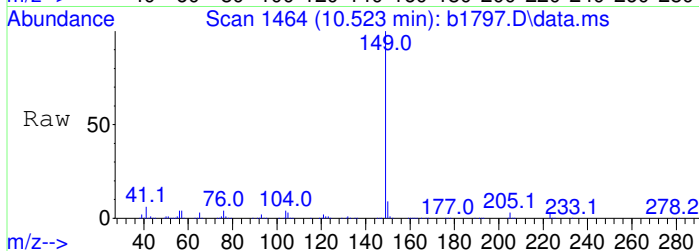
#70
Carbazole
Concen: 25.16 ug
RT: 10.154 min Scan# 1395
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

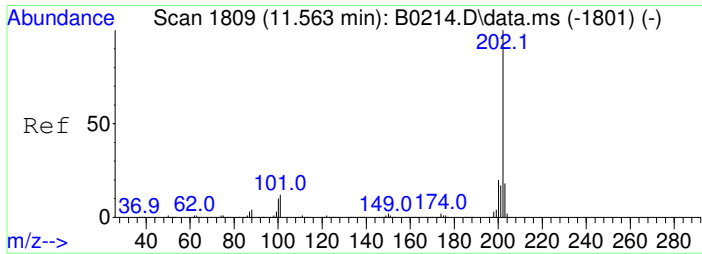
Tgt Ion:167 Resp: 401645



#71
Di-n-butylphthalate
Concen: 25.07 ug
RT: 10.523 min Scan# 1464
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

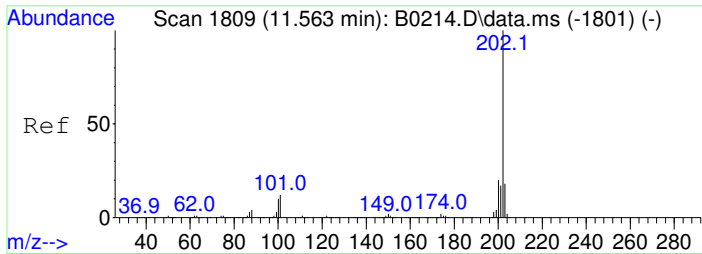
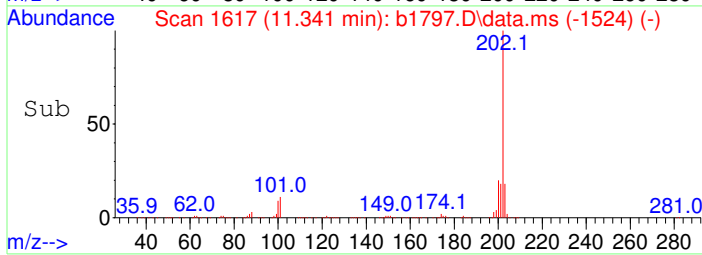
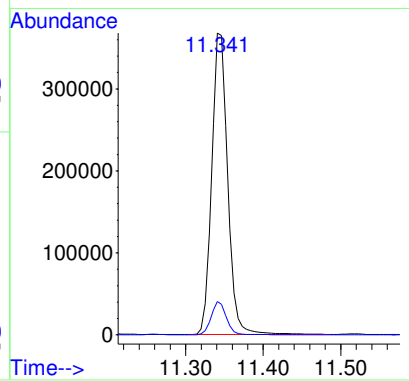
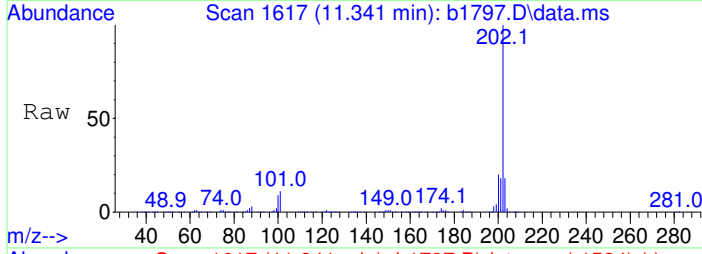
Tgt Ion:149 Resp: 480260
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.2 4.1 6.1





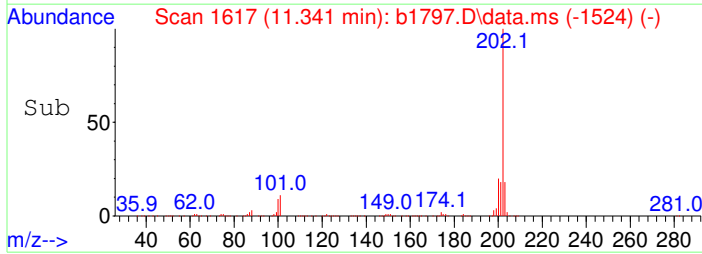
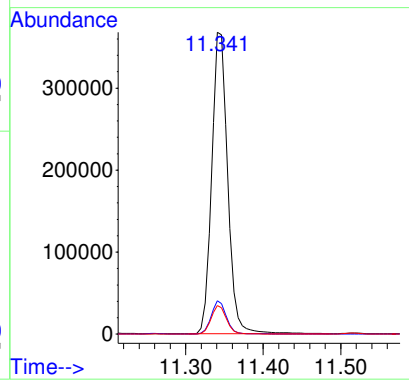
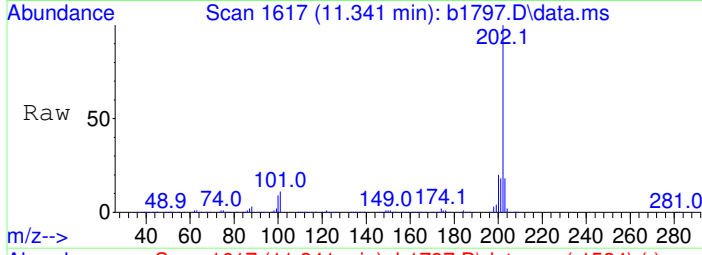
#72
 Fluoranthene
 Concen: 24.90 ug
 RT: 11.341 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

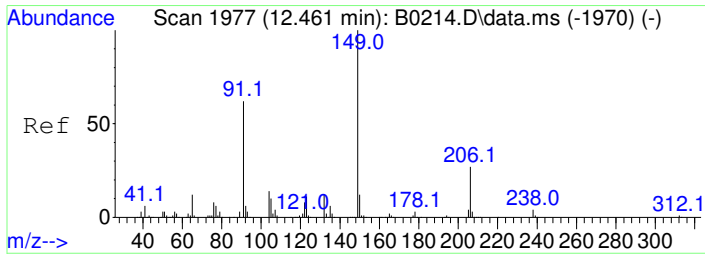
Tgt	Ion:202	Resp:	531205
Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.3	13.9



#74
 Pyrene
 Concen: 24.93 ug
 RT: 11.341 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

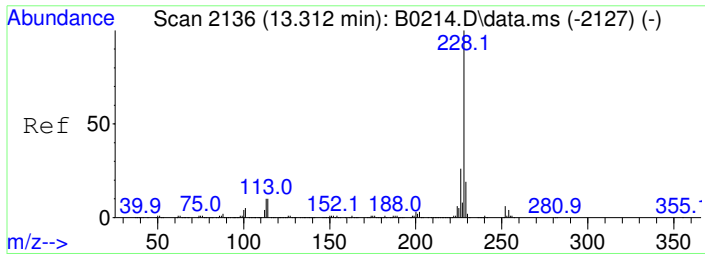
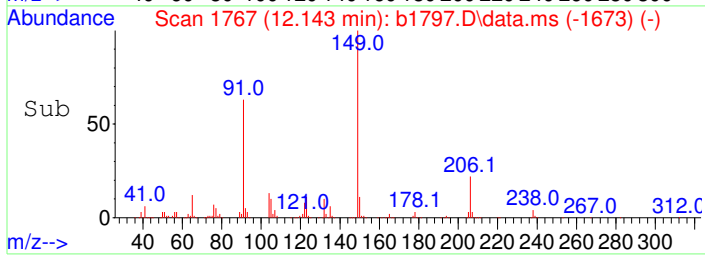
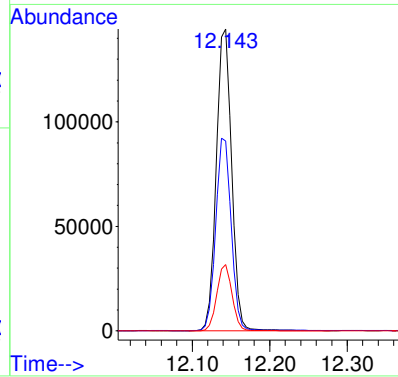
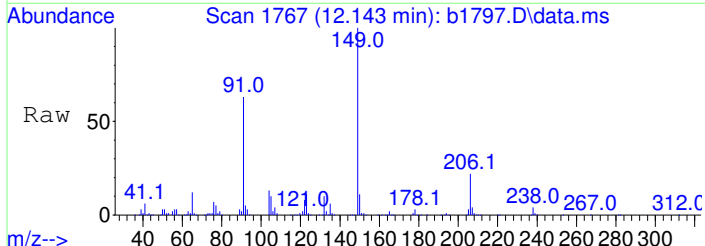
Tgt	Ion:202	Resp:	531205
Ion	Ratio	Lower	Upper
202	100		
101	10.5	11.0	16.6#
100	9.2	8.9	13.3





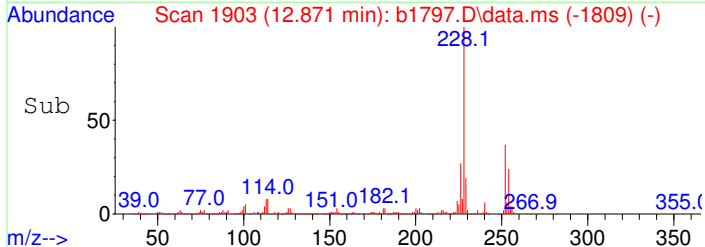
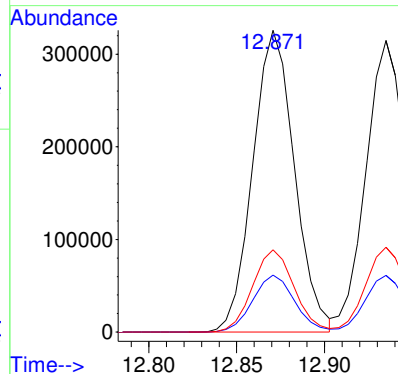
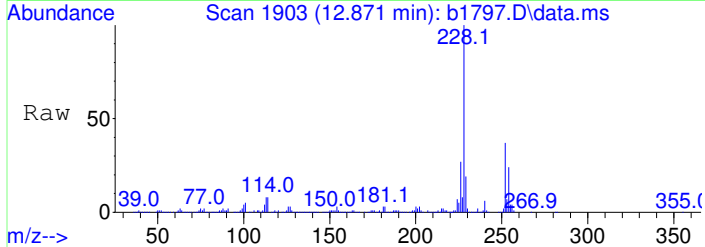
#76
Butylbenzylphthalate
Concen: 24.65 ug
RT: 12.143 min Scan# 1767
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

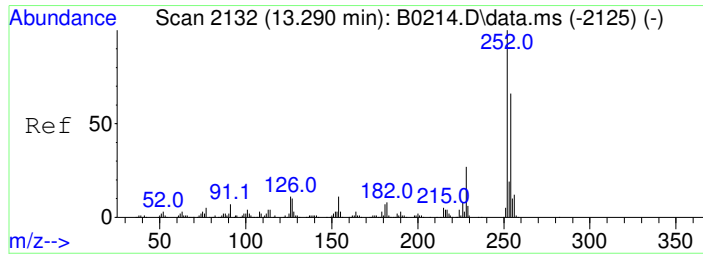
Tgt	Ion	149	Resp:	200570
	Ion	Ratio	Lower	Upper
	149	100		
	91	64.3	48.0	72.0
	206	21.7	21.6	32.4



#77
Benzo[a]anthracene
Concen: 24.76 ug
RT: 12.871 min Scan# 1903
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

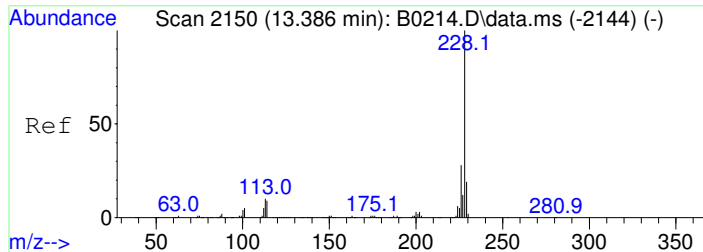
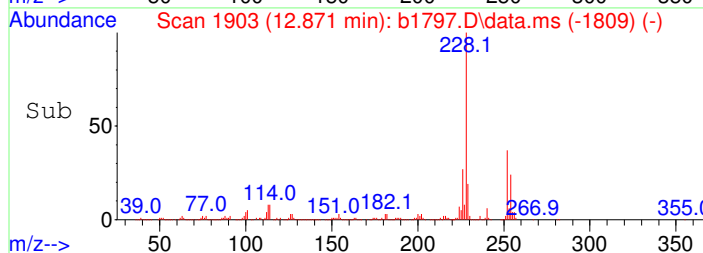
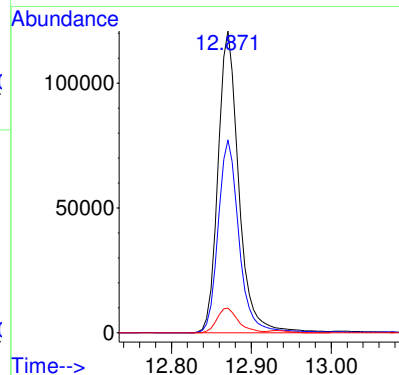
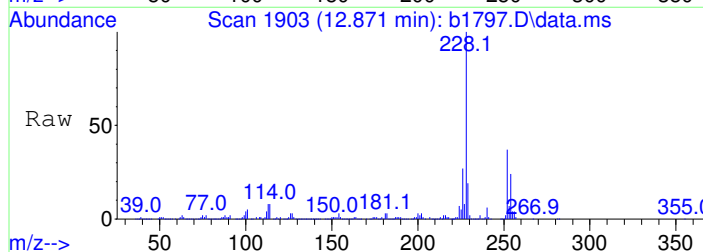
Tgt	Ion	228	Resp:	536382
	Ion	Ratio	Lower	Upper
	228	100		
	229	19.0	15.5	23.3
	226	27.2	21.5	32.3





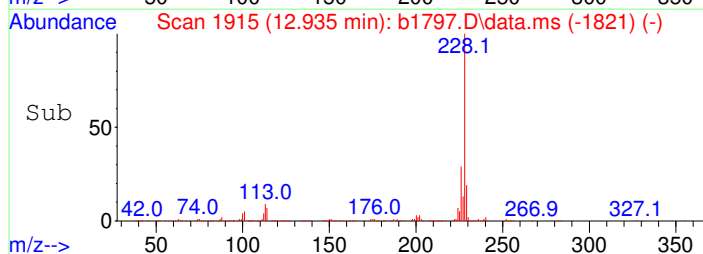
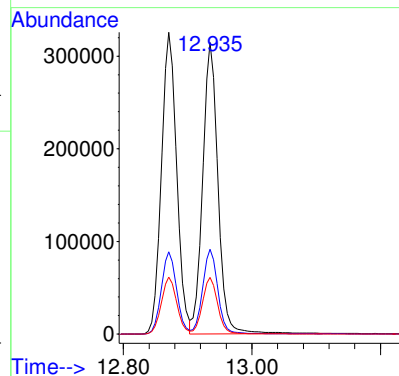
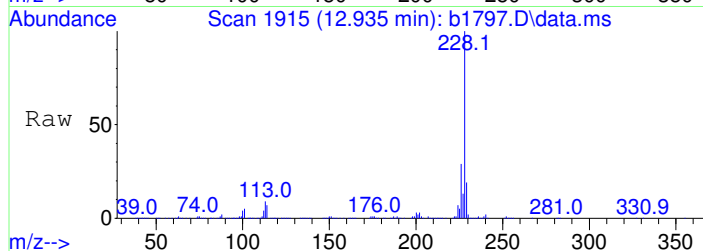
#78
 3,3'-Dichlorobenzidine
 Concen: 25.52 ug
 RT: 12.871 min Scan# 1903
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

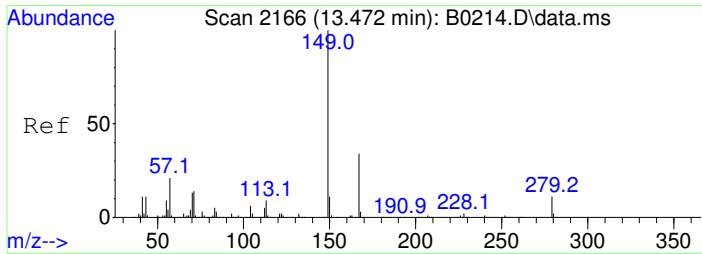
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.6	75.8
126	8.5	8.0	12.0



#79
 Chrysene
 Concen: 24.96 ug
 RT: 12.935 min Scan# 1915
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

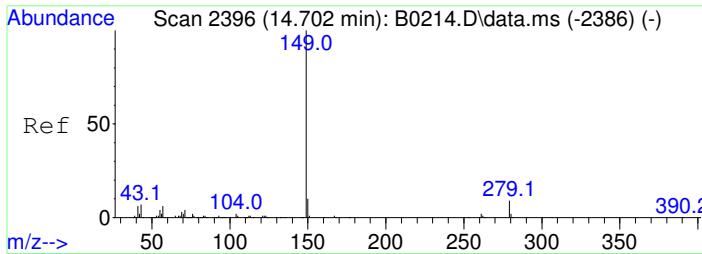
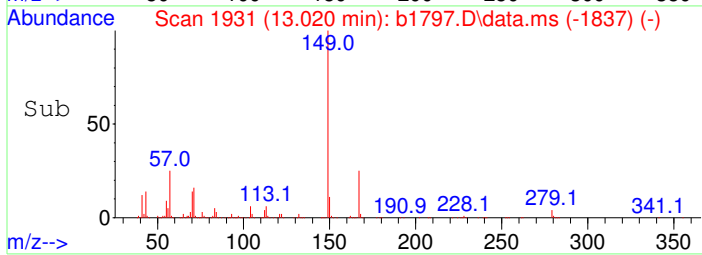
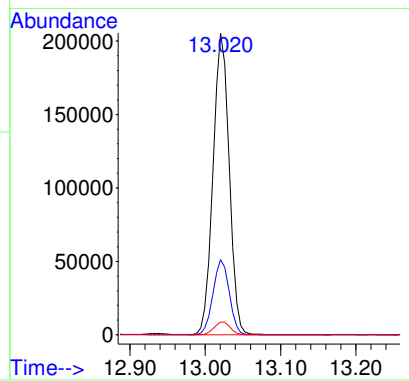
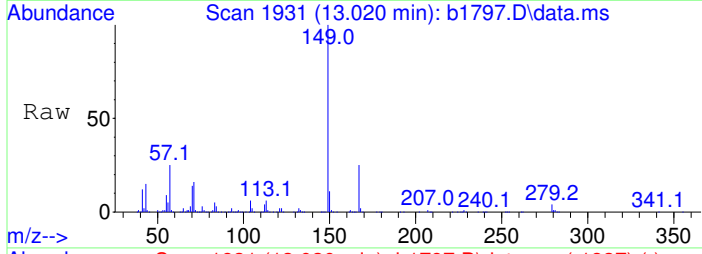
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	19.1	15.5	23.3





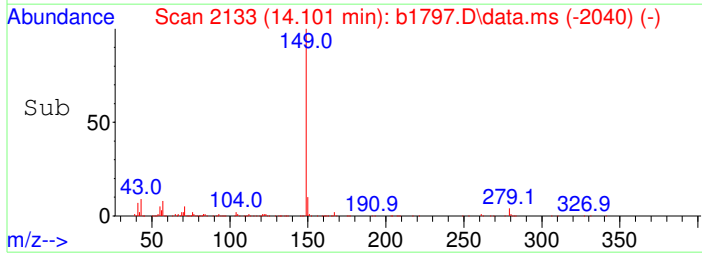
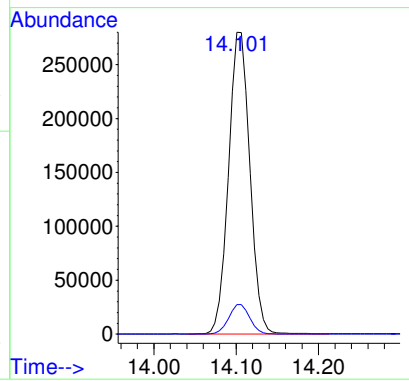
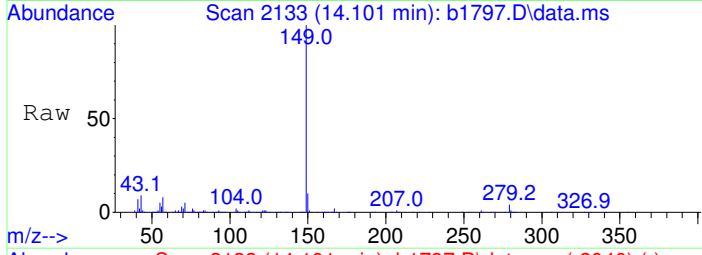
#80
 bis(2-Ethylhexyl)phtha
 Concen: 25.08 ug
 RT: 13.020 min Scan# 1931
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

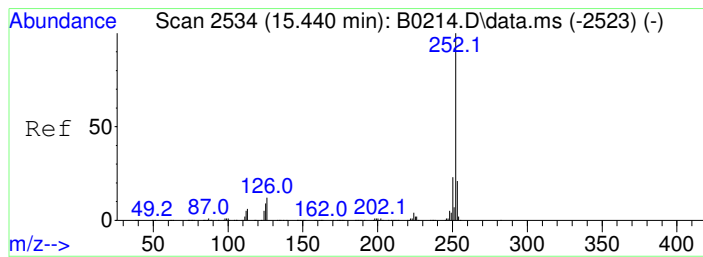
Tgt Ion:	149	Resp:	307152
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.4	30.6
279	4.3	3.4	5.2



#82
 Di-n-octylphthalate
 Concen: 25.03 ug
 RT: 14.101 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

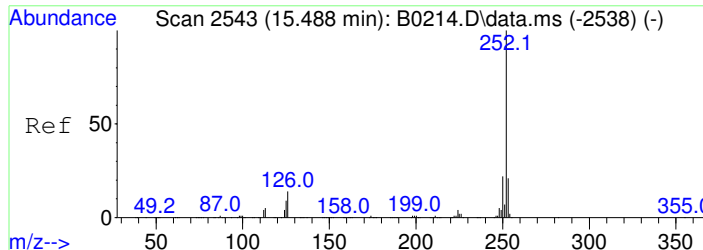
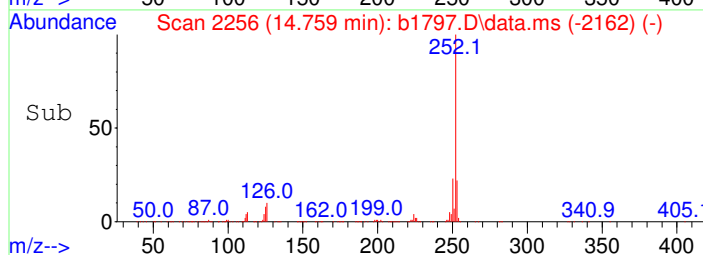
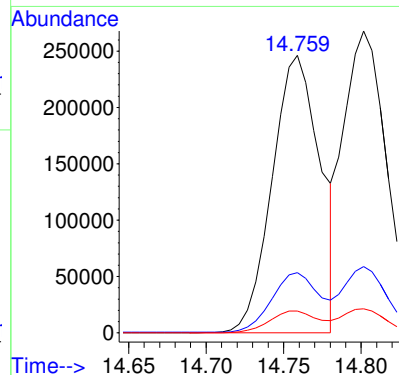
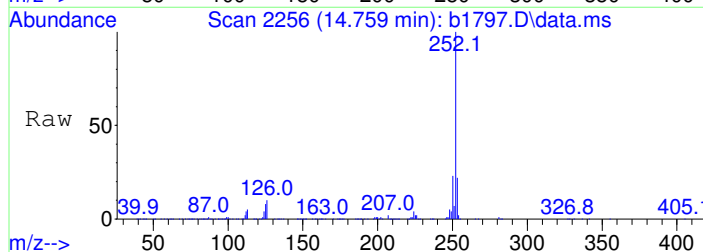
Tgt Ion:	149	Resp:	502224
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.9	13.3





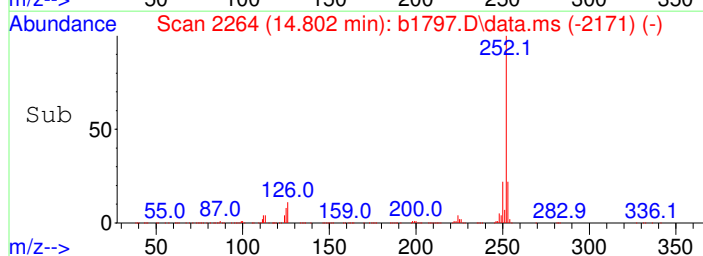
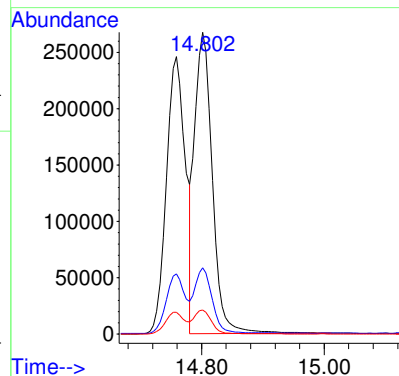
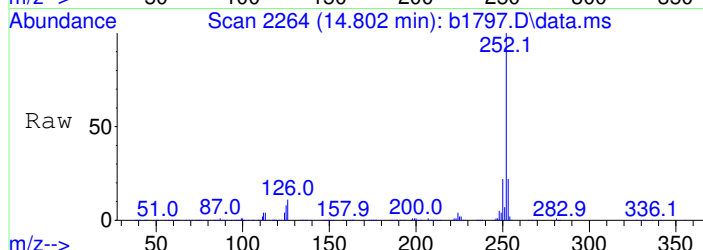
#83
Benzo[b]fluoranthene
Concen: 25.07 ug
RT: 14.759 min Scan# 2256
Delta R.T. 0.005 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

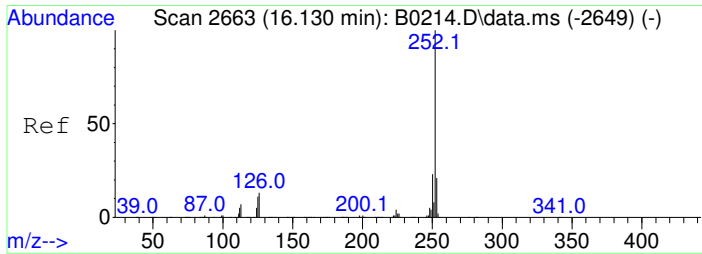
Tgt	Ion	252	Resp:	529969
Ion	Ratio	Lower	Upper	
252	100			
253	21.7	17.5	26.3	
125	8.2	6.6	9.8	



#84
Benzo[k]fluoranthene
Concen: 25.30 ug
RT: 14.802 min Scan# 2264
Delta R.T. 0.000 min
Lab File: b1797.D
Acq: 19 Jul 2024 8:39 am

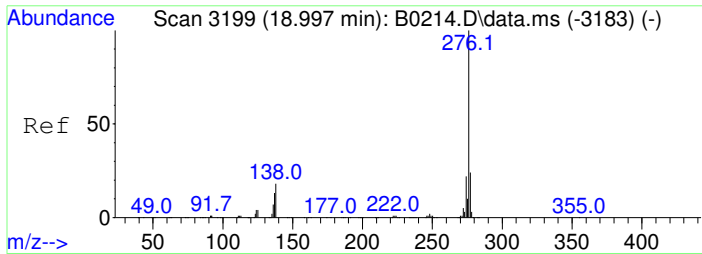
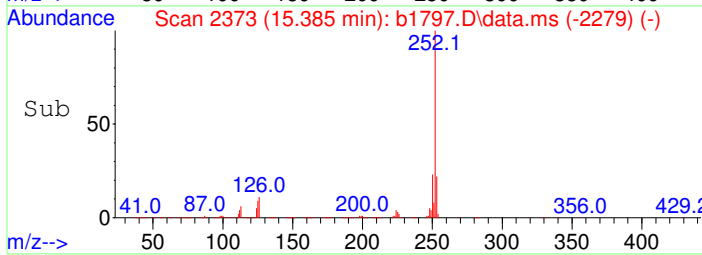
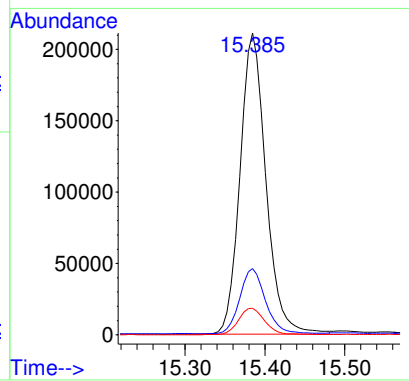
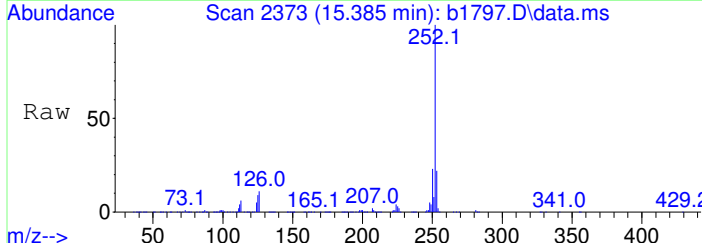
Tgt	Ion	252	Resp:	540048
Ion	Ratio	Lower	Upper	
252	100			
253	20.9	17.7	26.5	
125	7.6	6.6	9.8	





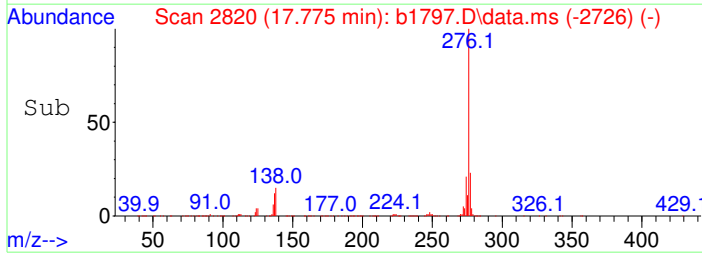
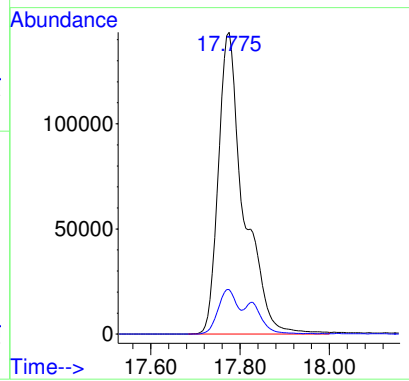
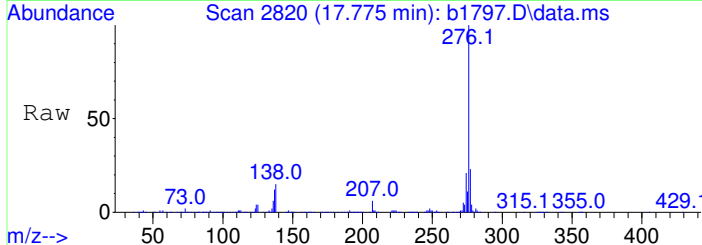
#85
 Benzo[a]pyrene
 Concen: 24.55 ug
 RT: 15.385 min Scan# 2373
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

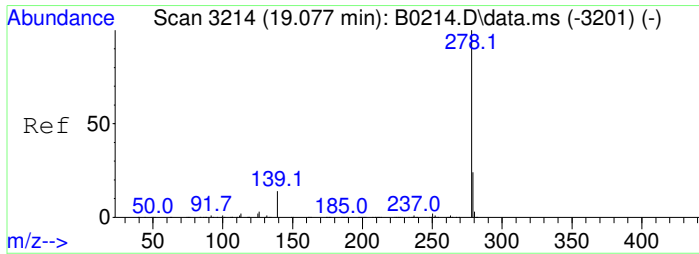
Tgt Ion:	252	Resp:	476601
Ion Ratio	100	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.2	7.2	10.8



#86
 Indeno[1,2,3-cd]pyrene
 Concen: 29.42 ug
 RT: 17.775 min Scan# 2820
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

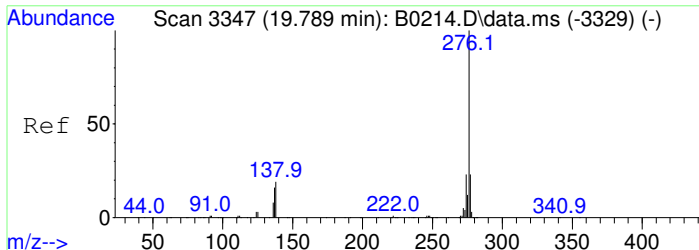
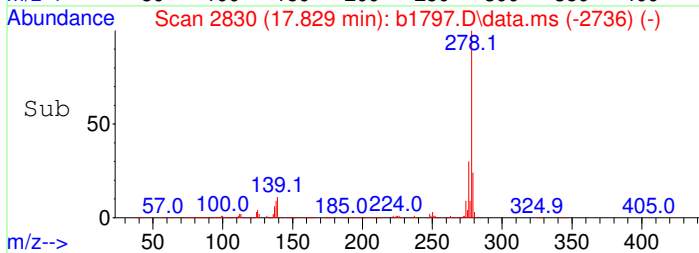
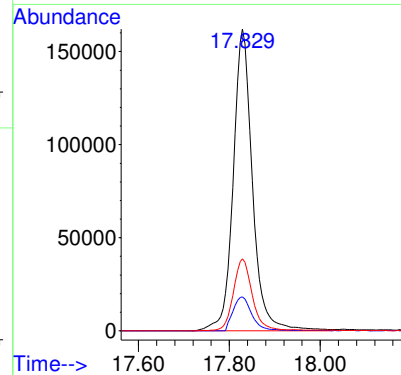
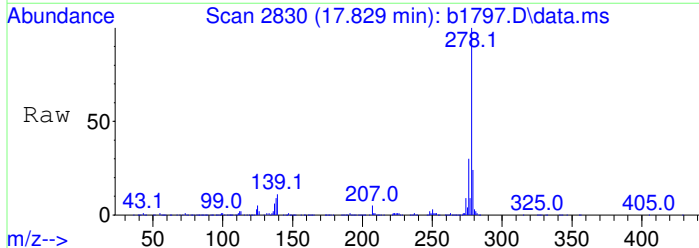
Tgt Ion:	276	Resp:	566014
Ion Ratio	100	Lower	Upper
276	100		
138	11.1	11.8	17.8#





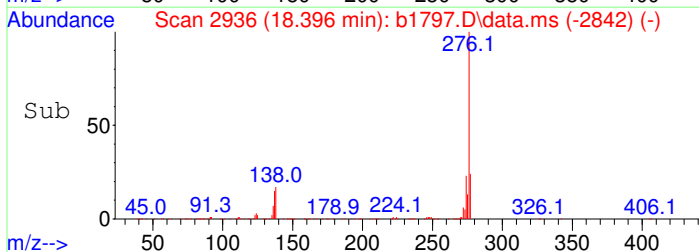
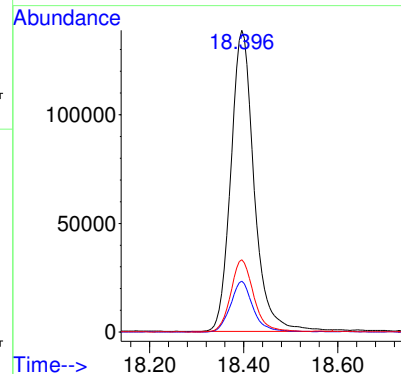
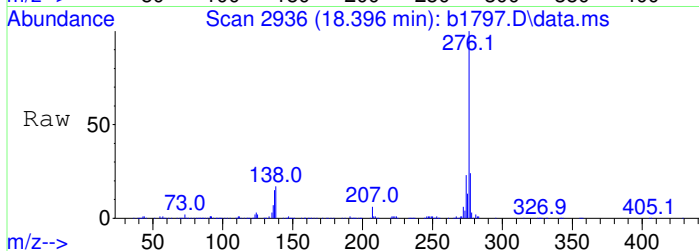
#87
 Dibenz[a,h]anthracene
 Concen: 24.36 ug
 RT: 17.829 min Scan# 2830
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

Tgt Ion:	278	Resp:	478651
Ion Ratio	Lower	Upper	
278	100		
139	11.0	9.4	14.2
279	23.4	18.9	28.3



#88
 Benzo[g,h,i]perylene
 Concen: 24.20 ug
 RT: 18.396 min Scan# 2936
 Delta R.T. 0.005 min
 Lab File: b1797.D
 Acq: 19 Jul 2024 8:39 am

Tgt Ion:	276	Resp:	475637
Ion Ratio	Lower	Upper	
276	100		
138	16.6	15.0	22.6
277	24.0	18.3	27.5



Data Path : D:\2\data\071924\
 Data File : b1796.D
 Acq On : 19 Jul 2024 7:59 am
 Operator :
 Sample : sstd050
 Misc : ical
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 14:12:01 2024
 Quant Method : C:\msdchem\2\qtmethods-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

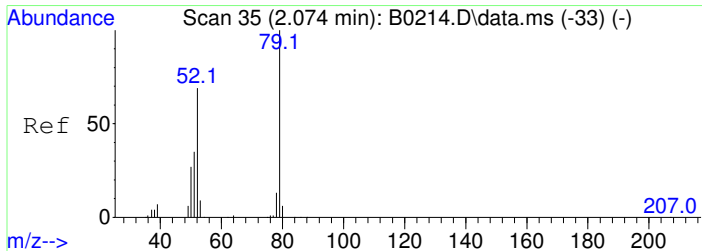
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	131306	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	505805	40.00	ug	0.00
37) Acenaphthene-d10	8.453	164	325238	40.00	ug	0.00
58) Phenanthrene-d10	9.902	188	667280	40.00	ug	0.00
73) Chrysene-d12	12.892	240	652555	40.00	ug	0.00
81) Perylene-d12	15.497	264	752355	40.00	ug	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.388	112	210160	50.56	ug	0.00
3) Phenol-d5	5.281	99	197303	50.09	ug	0.00
22) Nitrobenzene-d5	6.051	82	215260	49.48	ug	0.00
42) 2-Fluorobiphenyl	7.789	172	562734	48.76	ug	0.00
61) 2,4,6-Tribromophenol	9.250	330	129221	49.43	ug	0.00
75) Terphenyl-d14	11.512	244	895826	47.86	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.965	79	180854	50.31	ug	94
5) n-Nitrosodimethylamine	2.970	74	105709	49.34	ug	100
6) Benzaldehyde	5.088	77	168755	53.32	ug	89
7) Aniline	5.227	93	254106	49.94	ug	100
8) Phenol	5.292	94	247330	50.36	ug	# 83
9) bis(2-Chloroethyl)ether	5.276	93	193449	49.28	ug	# 94
10) 2-Chlorophenol	5.356	128	202985	49.98	ug	# 89
11) 1,3-Dichlorobenzene	5.452	146	235674	49.50	ug	99
12) 1,4-Dichlorobenzene	5.506	146	255116	49.33	ug	99
13) Benzyl alcohol	5.827	108	178194	48.83	ug	# 52
14) 1,2-Dichlorobenzene	5.682	146	237669	49.82	ug	100
15) 2-Methylphenol	5.827	108	178194	48.83	ug	95
16) bis(2-chloroisopropyl)	5.794	45	238627	49.13	ug	# 78
17) Acetophenone	5.901	105	335495	49.46	ug	96
18) 4-Methylphenol	5.966	108	220042	52.29	ug	89
19) n-Nitroso-di-n-propyla	5.923	70	139687	48.62	ug	95
20) Hexachloroethane	5.971	117	85346	48.13	ug	98
23) Nitrobenzene	6.067	77	234669	50.96	ug	98
24) Isophorone	6.286	82	268532	49.46	ug	99
25) 2-Nitrophenol	6.377	139	116550	49.28	ug	97
26) 2,4-Dimethylphenol	6.452	107	181587	50.77	ug	97
27) bis(2-Chloroethoxy)met	6.506	93	231768	50.01	ug	98
28) 2,4-Dichlorophenol	6.645	162	199111	50.35	ug	97
29) 1,2,4-Trichlorobenzene	6.682	180	238330	49.39	ug	100
30) Naphthalene	6.741	128	631954	49.65	ug	100
31) Benzoic Acid	6.613	105	168184	64.87	ug	# 39
32) 4-Chloroaniline	6.832	127	267142	51.14	ug	98
33) Hexachlorobutadiene	6.912	225	153376	49.66	ug	99
34) Capralactam	7.142	113	55749	51.45	ug	97
35) 4-Chloro-3-methylphenol	7.351	107	177080	49.51	ug	# 1
36) 2-Methylnaphthalene	7.415	142	480249	48.27	ug	95
38) Hexachlorocyclopentadiene	7.634	237	143770	45.99	ug	99
39) 2,4,6-Trichlorophenol	7.741	196	159526	48.70	ug	98
40) 2,4,5-Trichlorophenol	7.806	196	194680	51.01	ug	99
41) Biphenyl	7.880	154	627791	49.03	ug	# 90
43) 2-Chloronaphthalene	7.891	162	477579	49.13	ug	97
44) 2-Nitroaniline	8.041	65	128596	49.48	ug	# 77
45) Dimethylphthalate	8.228	163	535397	48.61	ug	# 95
46) Acenaphthylene	8.303	152	626977	48.72	ug	99
47) 2,6-Dinitrotoluene	8.303	165	117031	48.97	ug	99
48) 3-Nitroaniline	8.453	138	118337	48.86	ug	# 28

Data Path : D:\2\data\071924\
 Data File : b1796.D
 Acq On : 19 Jul 2024 7:59 am
 Operator :
 Sample : sstd050
 Misc : ical
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 14:12:01 2024
 Quant Method : C:\msdchem\2\qtmethd-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

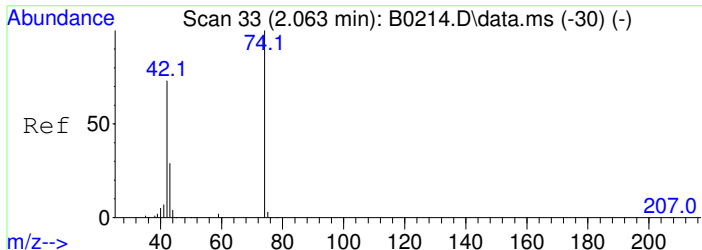
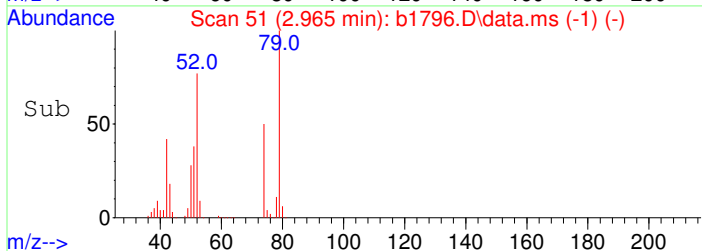
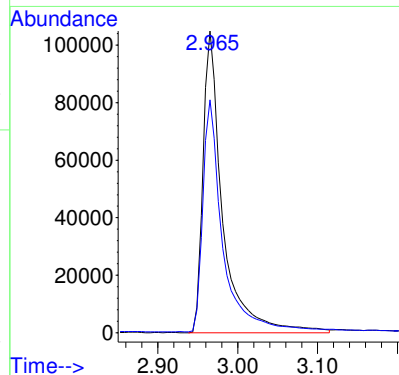
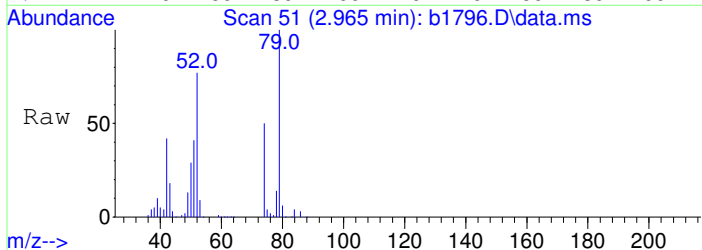
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
49) Acenaphthene	8.485	153	463549	49.44	ug	94
50) 2,4-Dinitrophenol	8.560	184	36193	44.71	ug	85
51) 4-Nitrophenol	8.725	109	56199	50.46	ug	93
52) Dibenzofuran	8.640	168	686196	48.82	ug	92
53) 2,4-Dinitrotoluene	8.688	165	168998	49.76	ug	# 77
54) Diethylphthalate	8.918	149	534419	48.68	ug	97
55) Fluorene	8.982	166	541435	49.37	ug	94
56) 4-Chlorophenyl-phenyle	8.977	204	290375	48.74	ug	98
57) 4-Nitroaniline	9.062	138	117954	49.12	ug	92
59) 4,6-Dinitro-2-methylph	9.095	198	89218	44.97	ug	100
60) n-Nitrosodiphenylamine	9.111	169	396424	50.05	ug	90
62) Azobenzene	9.132	77	524355	49.59	ug	# 82
63) 4-Bromophenyl-phenylether	9.458	248	201447	49.31	ug	95
64) Hexachlorobenzene	9.608	284	256499	48.95	ug	# 91
65) Atrazine	9.667	200	190019	50.16	ug	100
66) Pentachlorophenol	9.806	266	97762	46.77	ug	99
67) Phenanthrene	9.924	178	802855	49.18	ug	100
68) Anthracene	9.966	178	800156	50.15	ug	98
69) Benzidine	11.255	184	369401	55.90	ug	97
70) Carbazole	10.148	167	764618	50.04	ug	100
71) Di-n-butylphthalate	10.523	149	901078	49.15	ug	99
72) Fluoranthene	11.341	202	1016567	49.78	ug	98
74) Pyrene	11.341	202	1016567	48.57	ug	# 94
76) Butylbenzylphthalate	12.138	149	390282	48.83	ug	# 93
77) Benzo[a]anthracene	12.865	228	1045821	49.14	ug	100
78) 3,3'-Dichlorobenzidine	12.865	252	421797	49.90	ug	98
79) Chrysene	12.930	228	1004689	49.08	ug	100
80) bis(2-Ethylhexyl)phtha	13.015	149	584922	48.63	ug	100
82) Di-n-octylphthalate	14.101	149	979299	47.95	ug	96
83) Benzo[b]fluoranthene	14.753	252	1016228	47.22	ug	100
84) Benzo[k]fluoranthene	14.802	252	1101334	50.67	ug	99
85) Benzo[a]pyrene	15.379	252	962958	48.73	ug	99
86) Indeno[1,2,3-cd]pyrene	17.770	276	1161411	59.31	ug	# 91
87) Dibenz[a,h]anthracene	17.823	278	974018	48.70	ug	99
88) Benzo[g,h,i]perylene	18.390	276	978999	48.93	ug	96

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



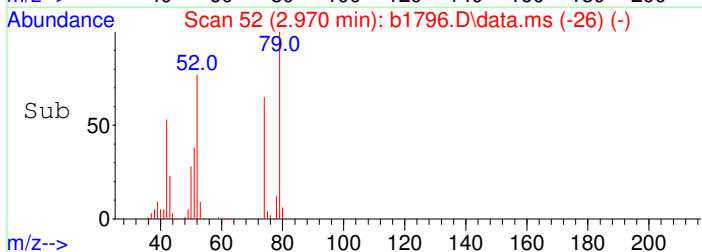
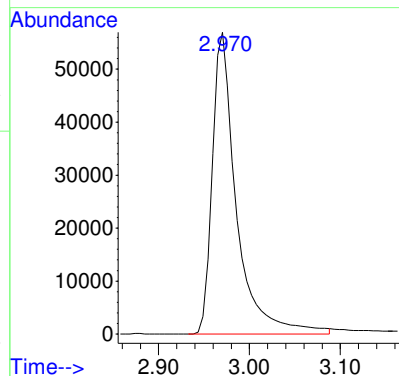
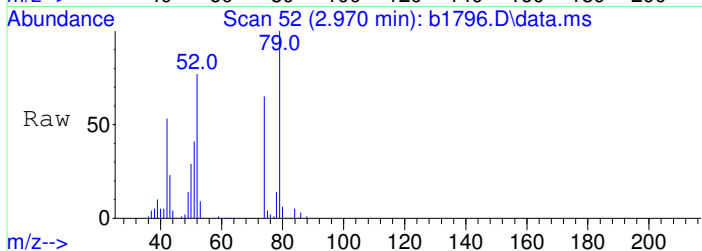
#4
Pyridine
Concen: 50.31 ug
RT: 2.965 min Scan# 51
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

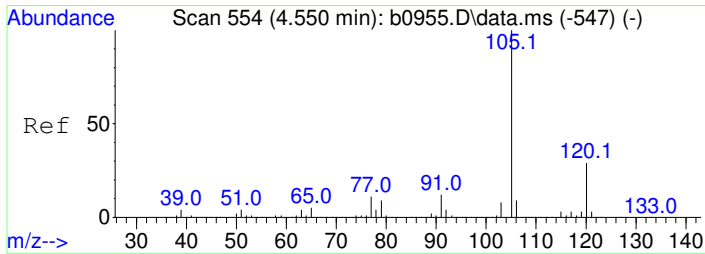
Tgt Ion: 79 Resp: 180854
Ion Ratio Lower Upper
79 100
52 78.6 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 49.34 ug
RT: 2.970 min Scan# 52
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

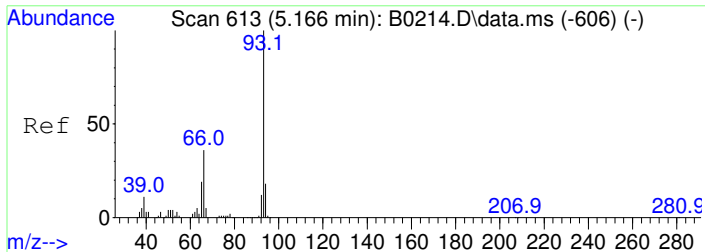
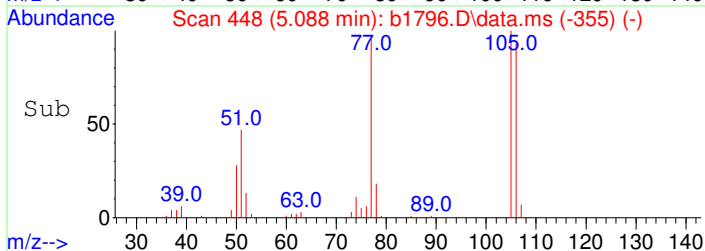
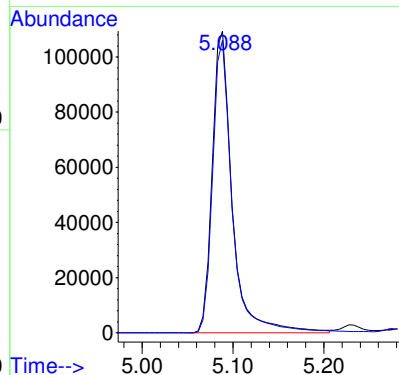
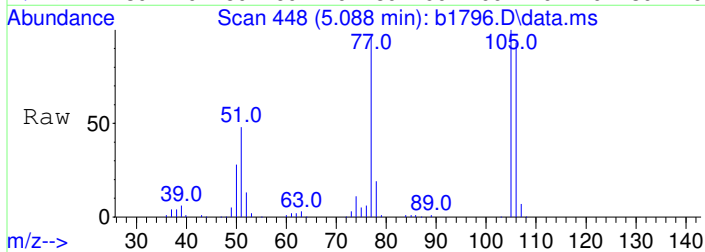
Tgt Ion: 74 Resp: 105709





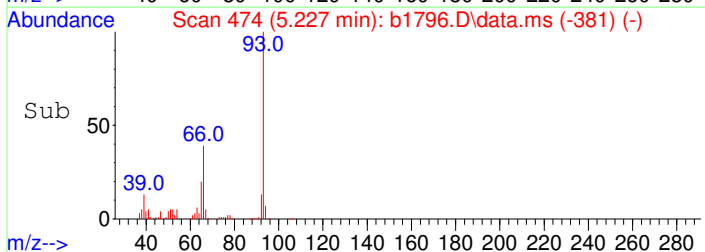
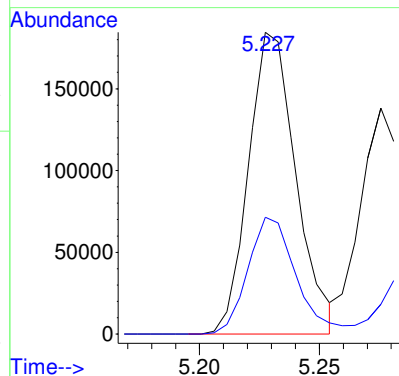
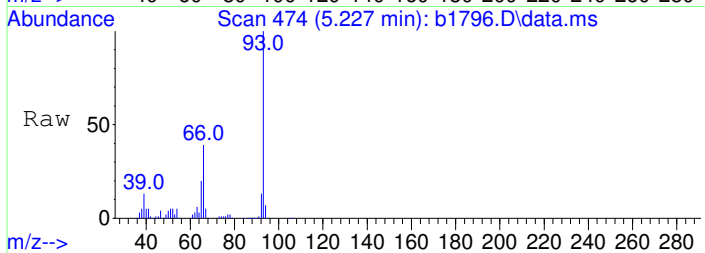
#6
Benzaldehyde
Concen: 53.32 ug
RT: 5.088 min Scan# 448
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

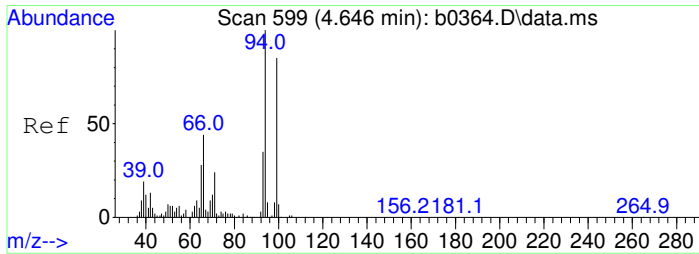
Tgt Ion: 77 Resp: 168755
Ion Ratio Lower Upper
77 100
106 95.7 86.2 129.2



#7
Aniline
Concen: 49.94 ug
RT: 5.227 min Scan# 474
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

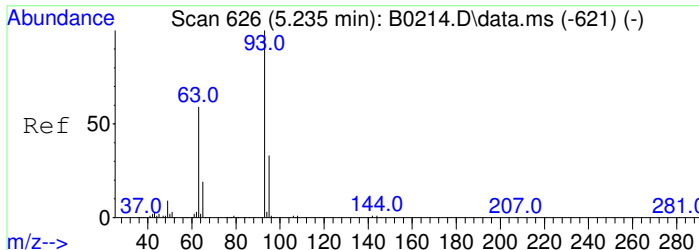
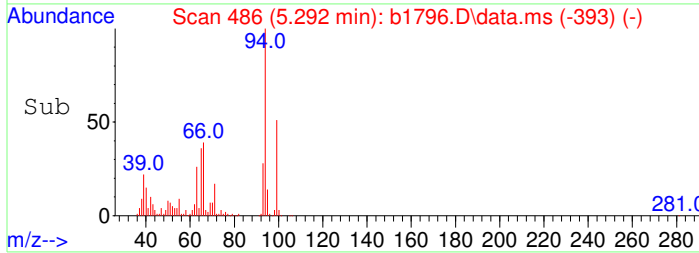
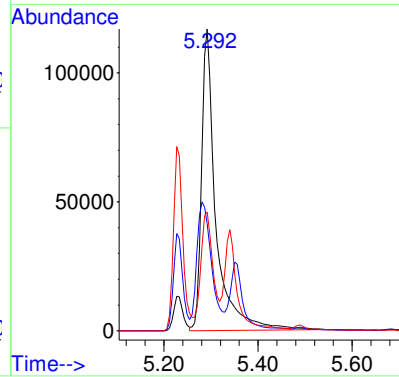
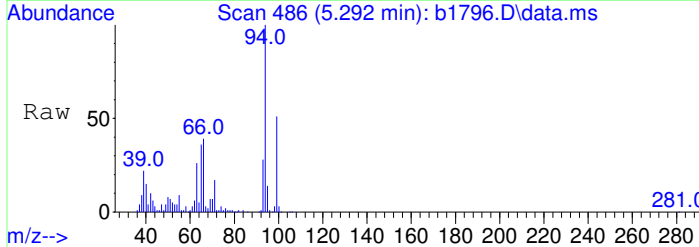
Tgt Ion: 93 Resp: 254106
Ion Ratio Lower Upper
93 100
66 39.1 31.4 47.2





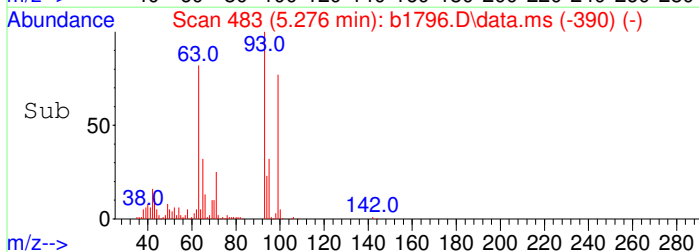
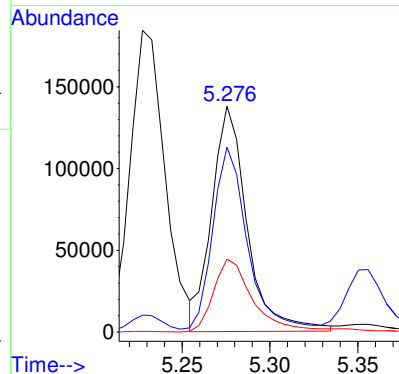
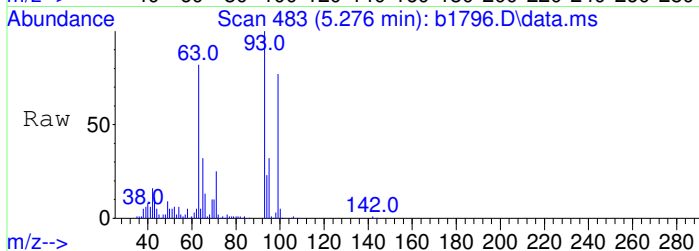
#8
Phenol
Concen: 50.36 ug
RT: 5.292 min Scan# 486
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

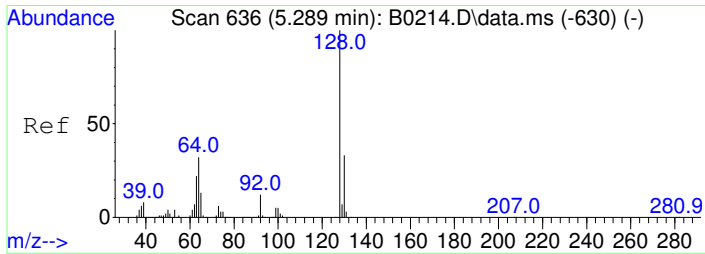
Tgt Ion: 94 Resp: 247330
Ion Ratio Lower Upper
94 100
65 44.6 25.7 38.5#
66 34.2 33.5 50.3



#9
bis(2-Chloroethyl)ether
Concen: 49.28 ug
RT: 5.276 min Scan# 483
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

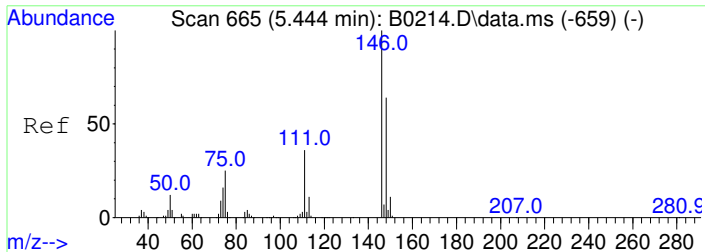
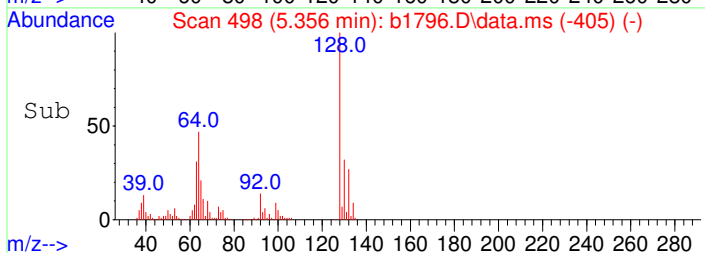
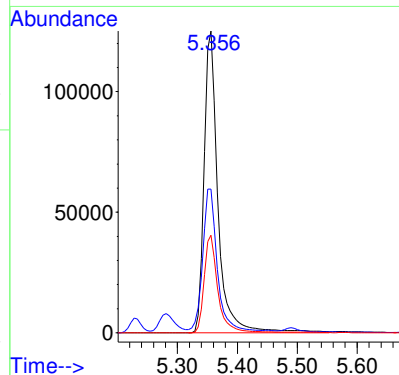
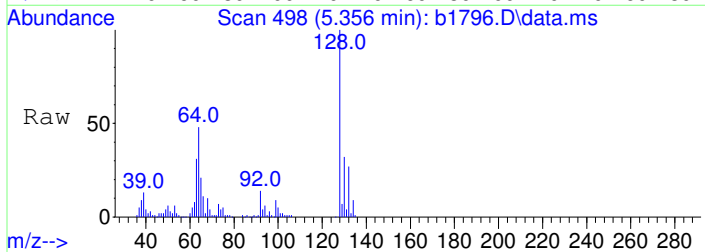
Tgt Ion: 93 Resp: 193449
Ion Ratio Lower Upper
93 100
63 80.9 67.0 100.4
95 38.5 24.8 37.2#





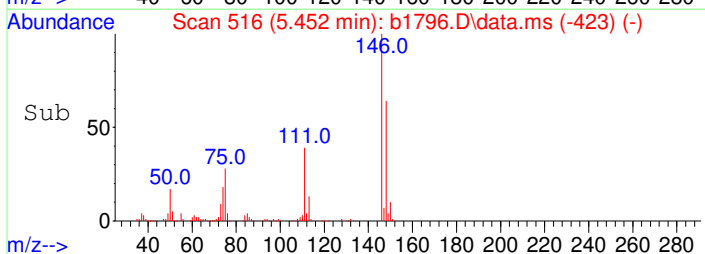
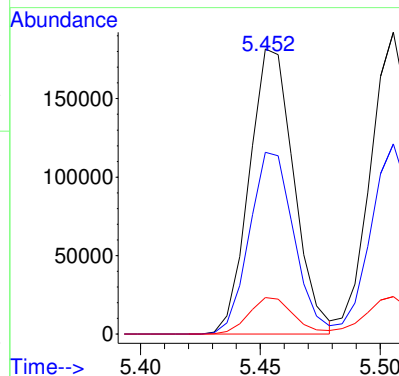
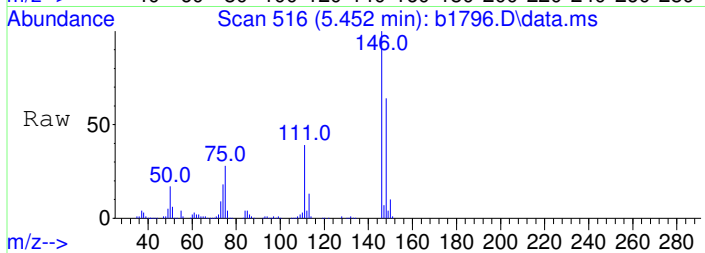
#10
2-Chlorophenol
Concen: 49.98 ug
RT: 5.356 min Scan# 498
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

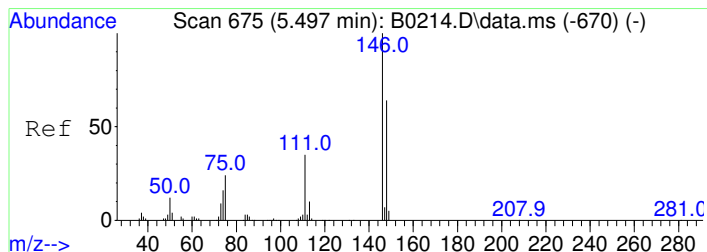
Tgt Ion	Ratio	Lower	Upper
128	100		
64	48.4	29.4	44.2#
130	32.0	25.9	38.9



#11
1,3-Dichlorobenzene
Concen: 49.50 ug
RT: 5.452 min Scan# 516
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

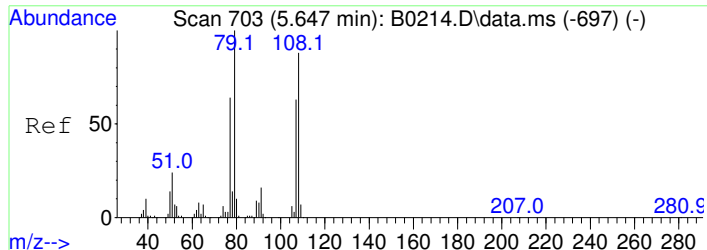
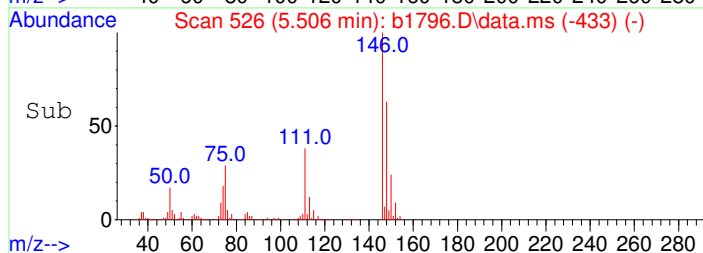
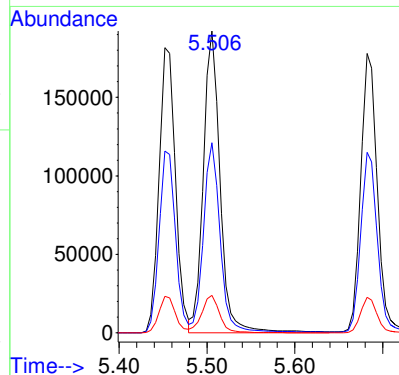
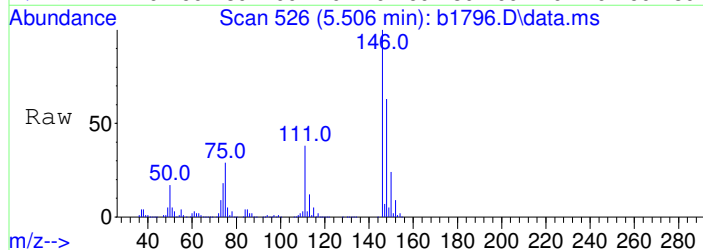
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
113	12.9	10.2	15.2





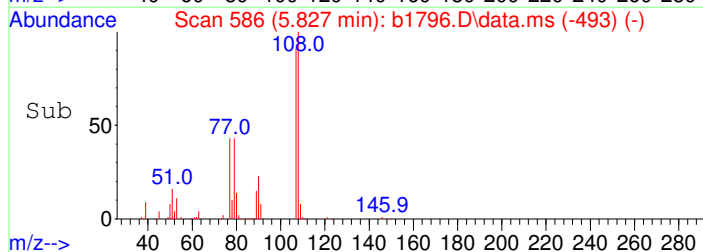
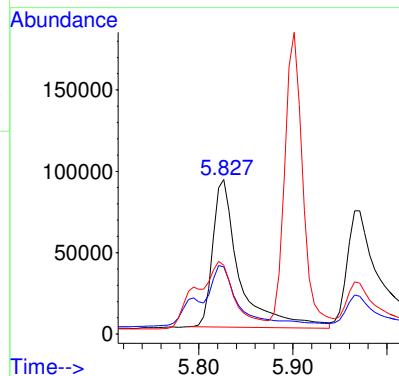
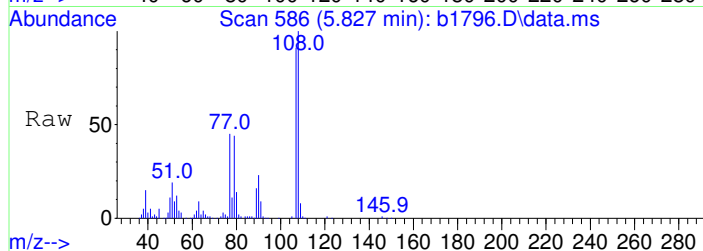
#12
1,4-Dichlorobenzene
Concen: 49.33 ug
RT: 5.506 min Scan# 526
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

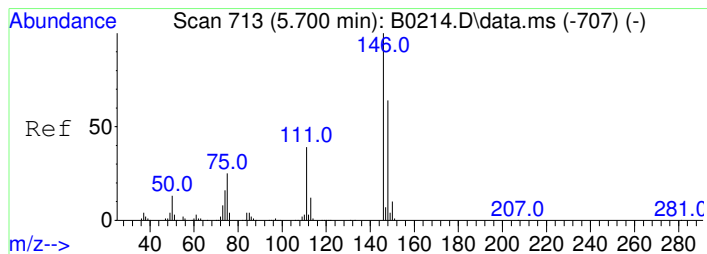
Tgt Ion:146	Resp:	255116	
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.0	76.6
113	13.2	9.9	14.9



#13
Benzyl alcohol
Concen: 48.83 ug
RT: 5.827 min Scan# 586
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

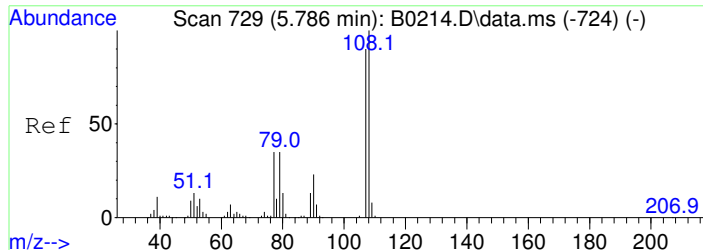
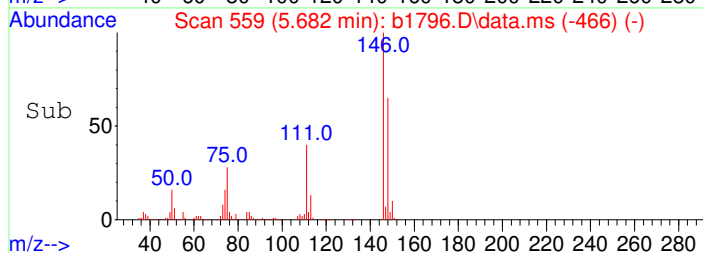
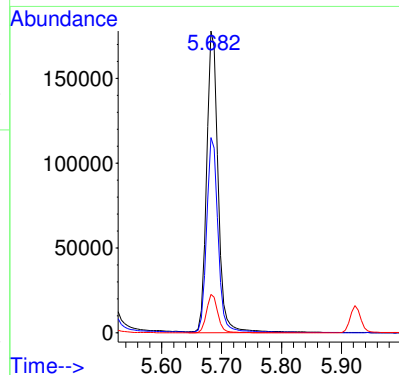
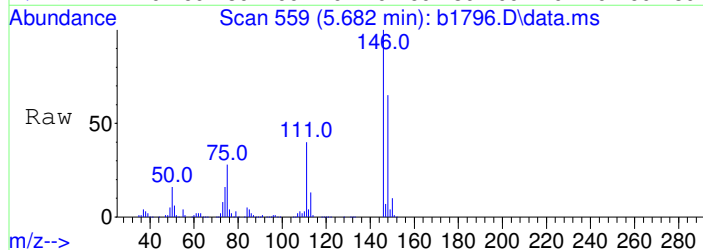
Tgt Ion:108	Resp:	178194	
Ion Ratio	Lower	Upper	
108	100		
79	45.4	98.0	147.0#
77	67.1	65.7	98.5





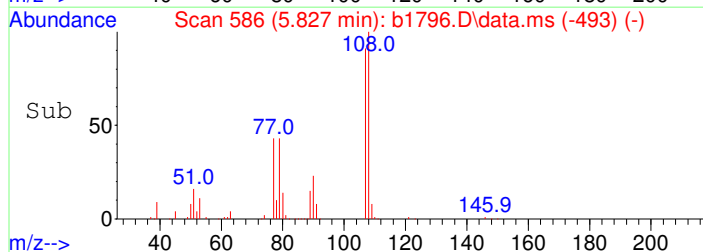
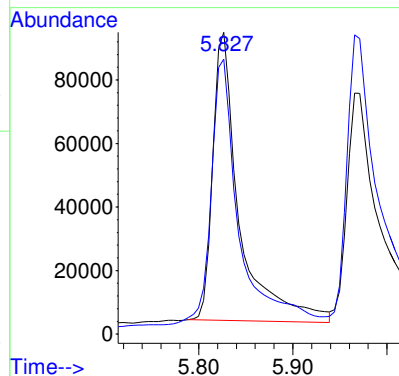
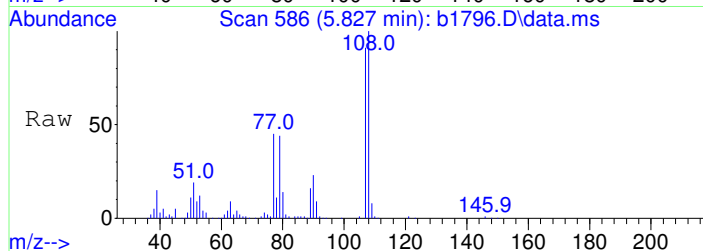
#14
1,2-Dichlorobenzene
Concen: 49.82 ug
RT: 5.682 min Scan# 559
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

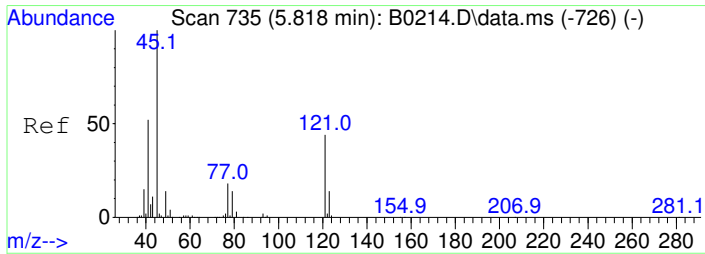
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
113	12.6	10.2	15.2



#15
2-Methylphenol
Concen: 48.83 ug
RT: 5.827 min Scan# 586
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

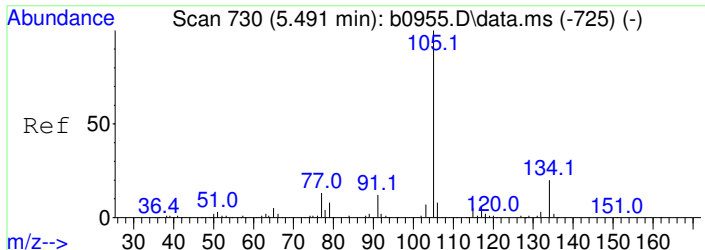
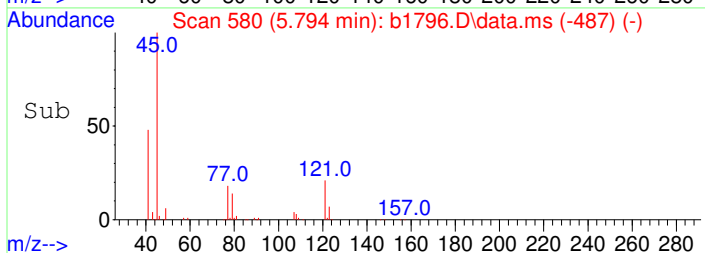
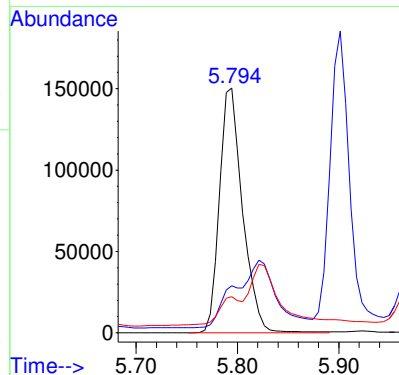
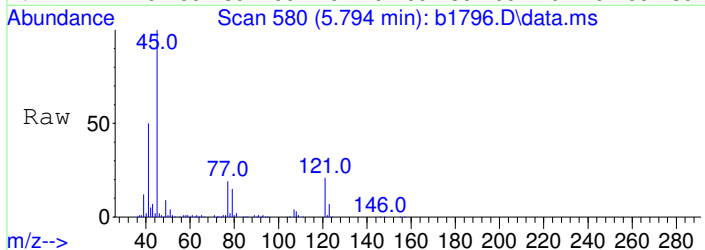
Tgt Ion	Ratio	Lower	Upper
108	100		
107	97.6	74.0	111.0





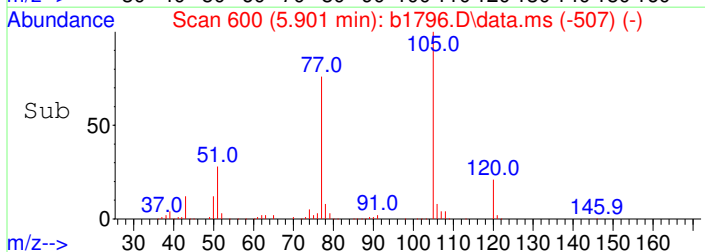
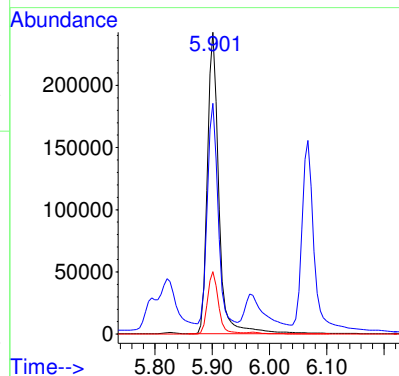
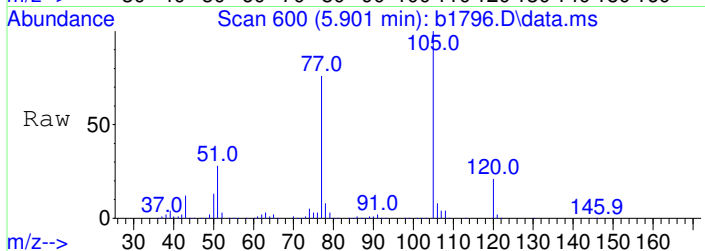
#16
bis(2-chloroisopropyl)
Concen: 49.13 ug
RT: 5.794 min Scan# 580
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

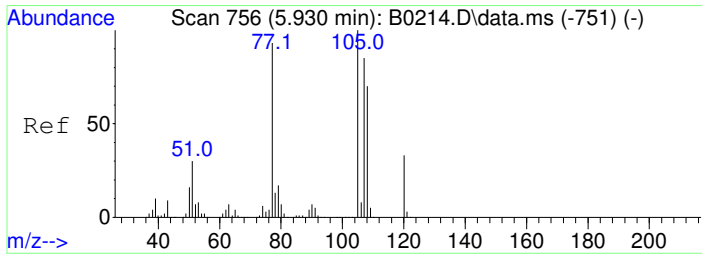
Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	11.9	17.9#
79	10.6	8.1	12.1



#17
Acetophenone
Concen: 49.46 ug
RT: 5.901 min Scan# 600
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

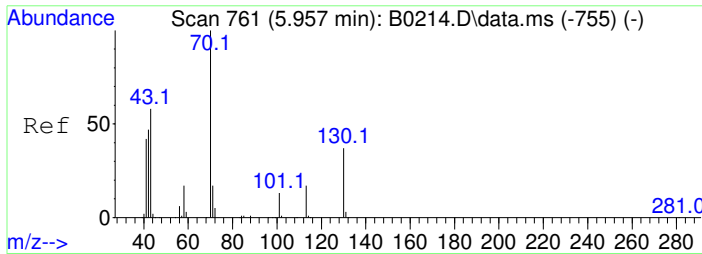
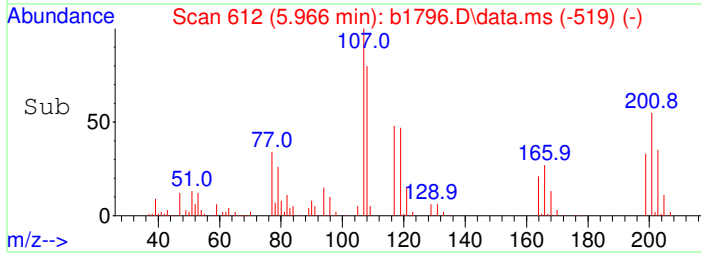
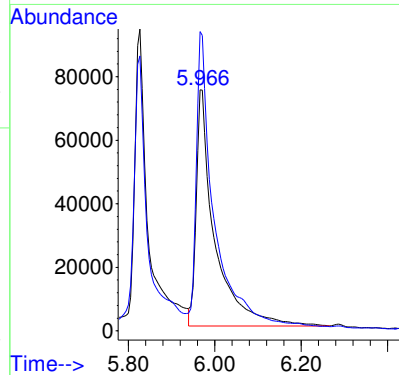
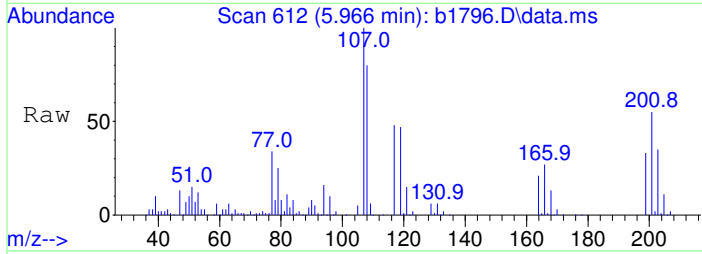
Tgt Ion	Ratio	Lower	Upper
105	100		
77	74.0	63.0	94.4
120	19.8	16.1	24.1





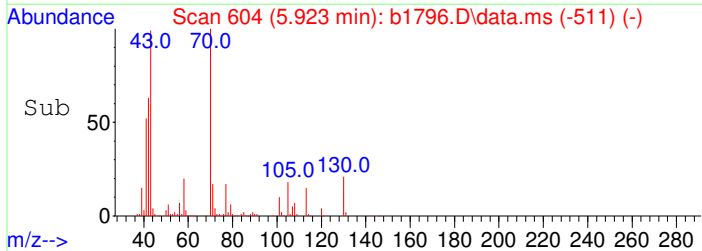
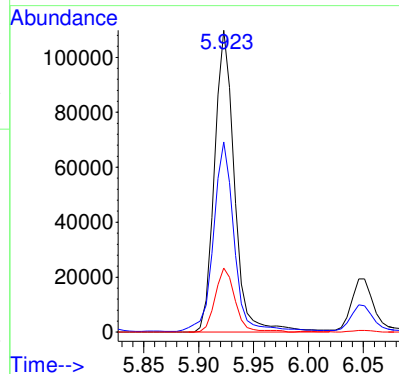
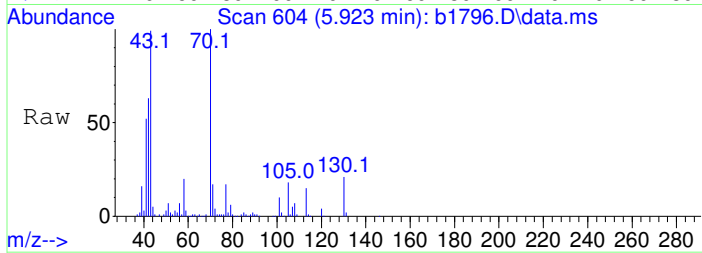
#18
4-Methylphenol
Concen: 52.29 ug
RT: 5.966 min Scan# 612
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

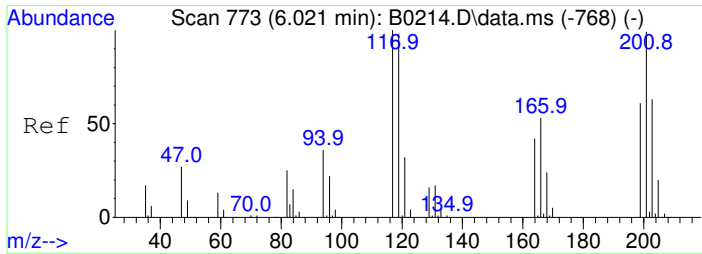
Tgt Ion	Ratio	Lower	Upper
108	100		
107	113.1	100.8	151.2



#19
n-Nitroso-di-n-propyla
Concen: 48.62 ug
RT: 5.923 min Scan# 604
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

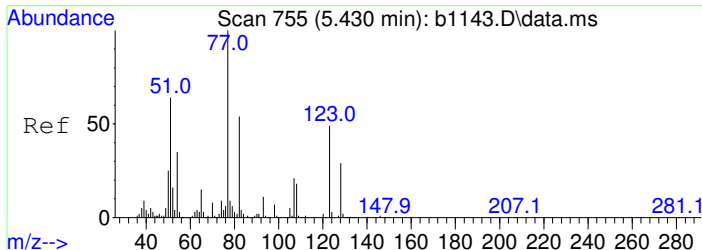
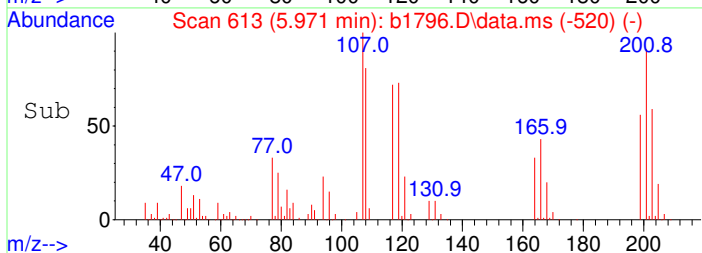
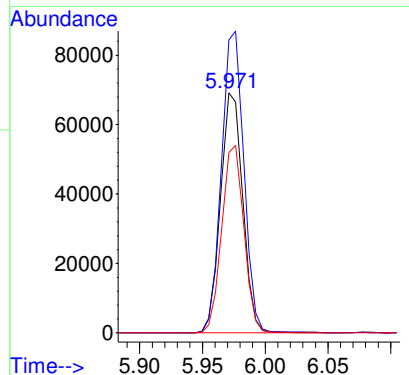
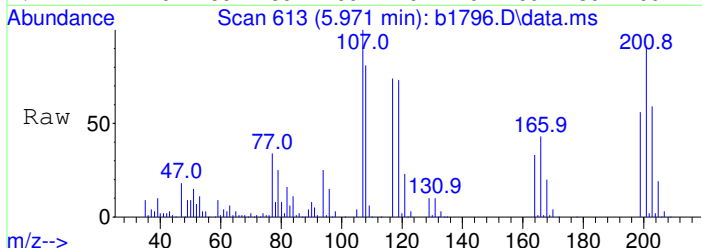
Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.8	55.4	83.2
130	21.1	16.2	24.4





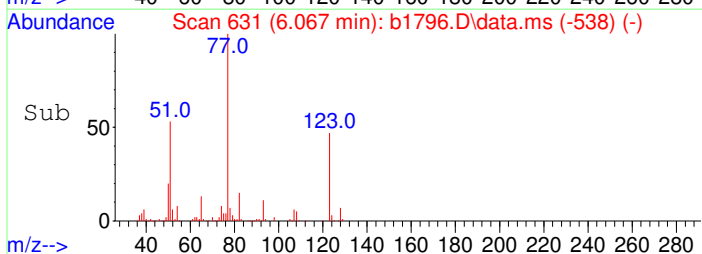
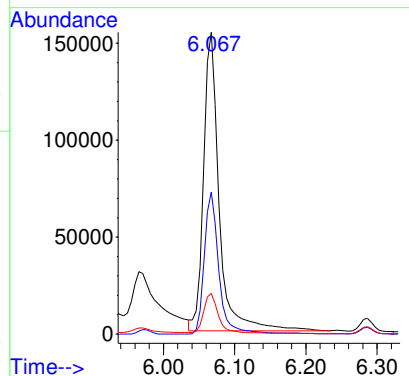
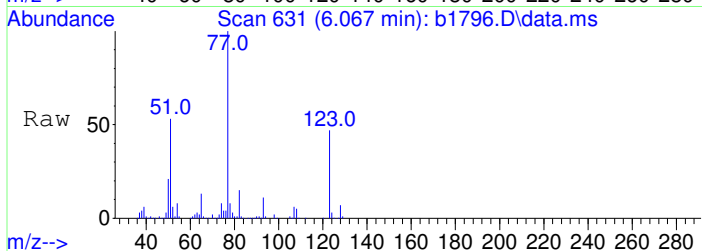
#20
Hexachloroethane
Concen: 48.13 ug
RT: 5.971 min Scan# 613
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

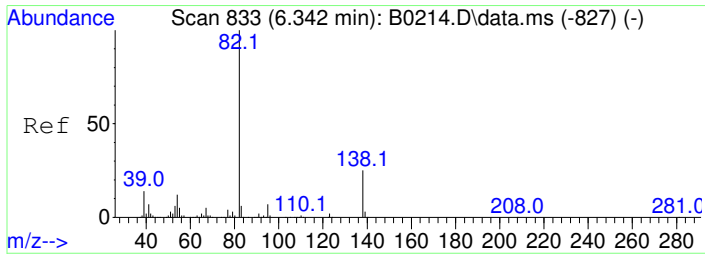
Tgt Ion:117	Resp:	85346
Ion Ratio	Lower	Upper
117	100	
201	126.3	100.1 150.1
199	77.6	60.1 90.1



#23
Nitrobenzene
Concen: 50.96 ug
RT: 6.067 min Scan# 631
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

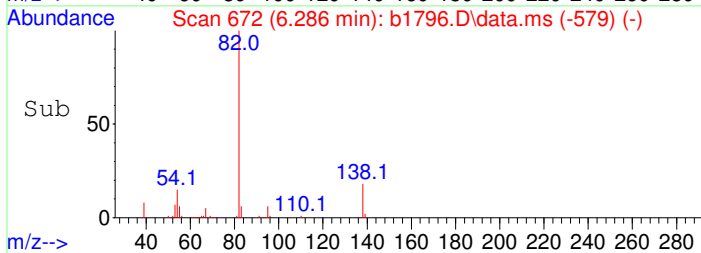
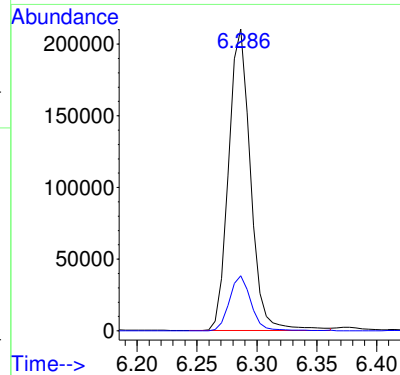
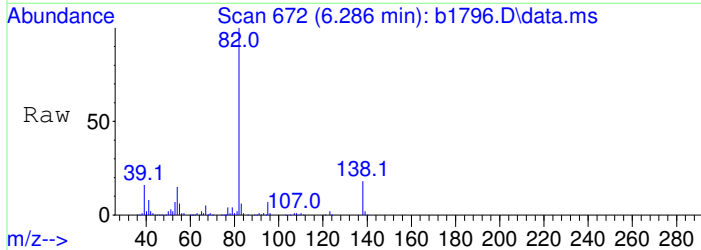
Tgt Ion: 77	Resp:	234669
Ion Ratio	Lower	Upper
77	100	
123	44.8	35.2 52.8
65	12.4	11.2 16.8





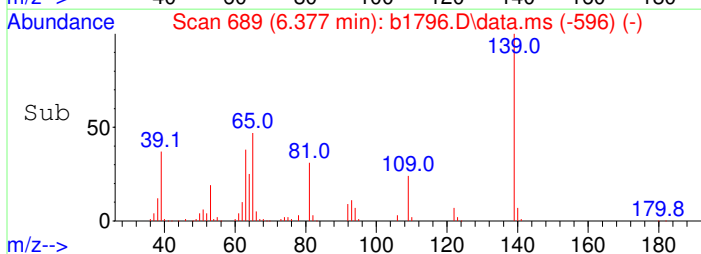
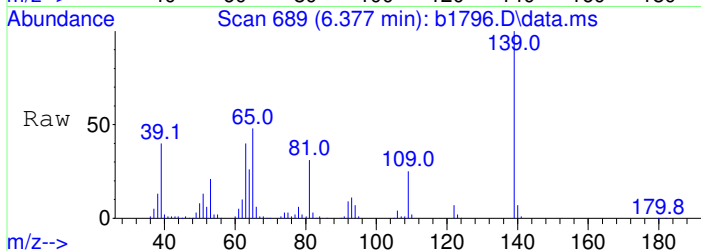
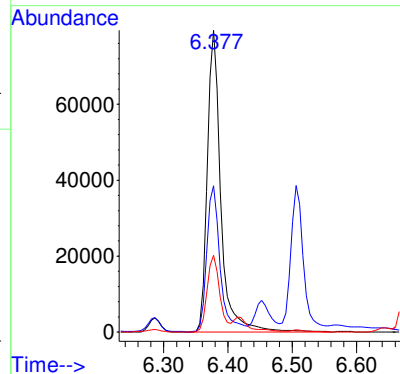
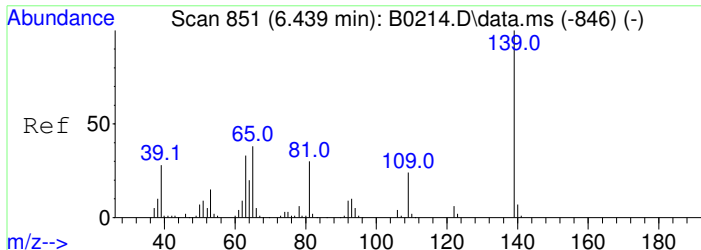
#24
Isophorone
Concen: 49.46 ug
RT: 6.286 min Scan# 672
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

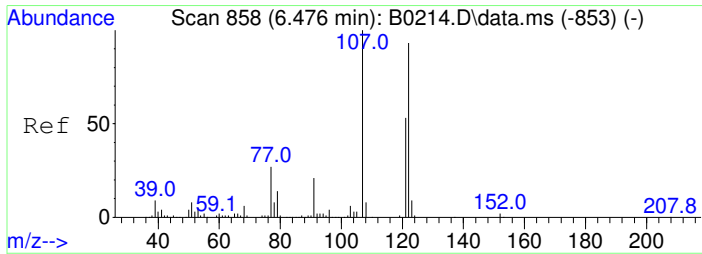
Tgt Ion	82	138	Ratio	Lower	Upper
Resp	268532				
Ion Ratio	100	18.2			
			14.2		21.2



#25
2-Nitrophenol
Concen: 49.28 ug
RT: 6.377 min Scan# 689
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

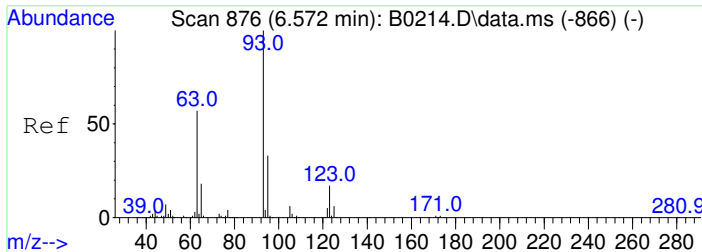
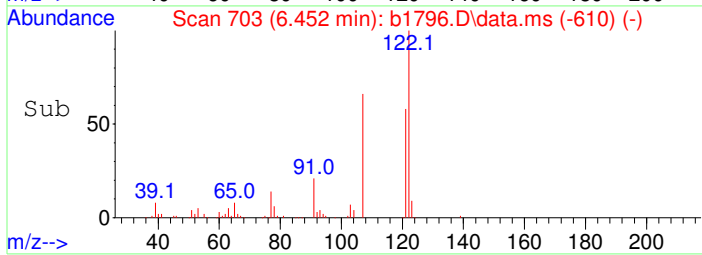
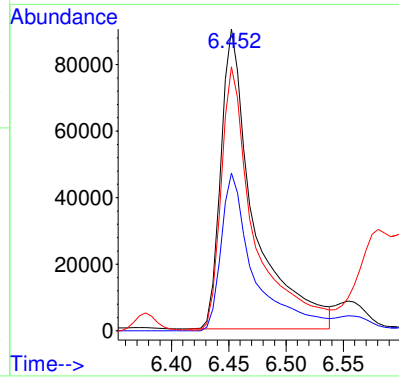
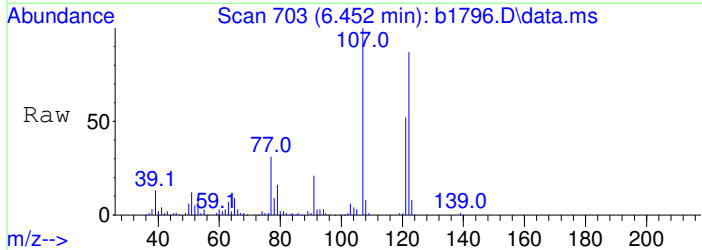
Tgt Ion	139	65	109	Ratio	Lower	Upper
Resp	116550					
Ion Ratio	100	48.3	23.8			
				39.7		59.5
				21.1		31.7





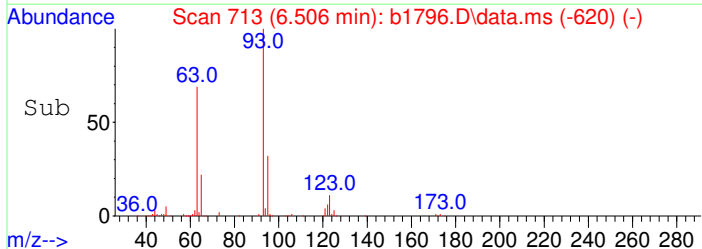
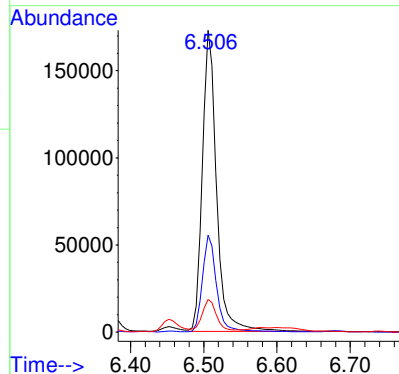
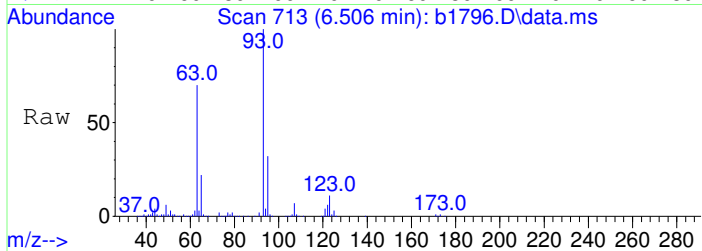
#26
2,4-Dimethylphenol
Concen: 50.77 ug
RT: 6.452 min Scan# 703
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

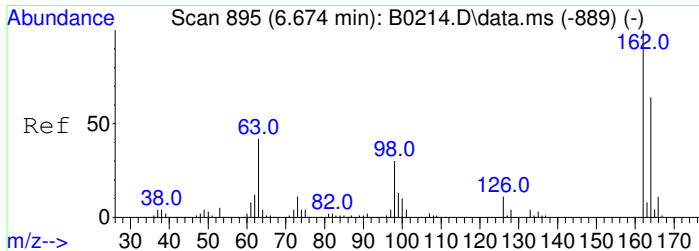
Tgt Ion:107	Resp:	181587
Ion Ratio	Lower	Upper
107	100	
121	52.8	40.3 60.5
122	88.7	69.0 103.4



#27
bis(2-Chloroethoxy)met
Concen: 50.01 ug
RT: 6.506 min Scan# 713
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

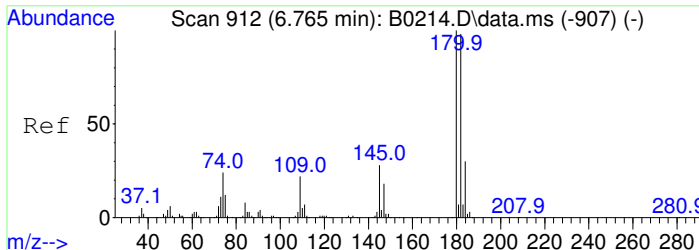
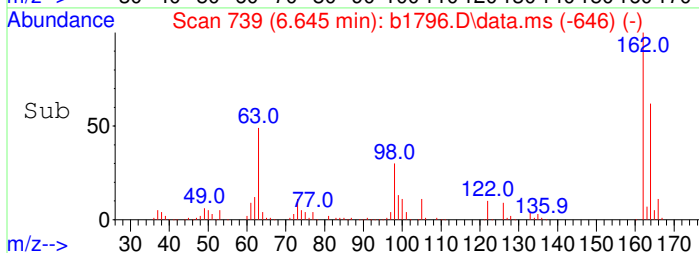
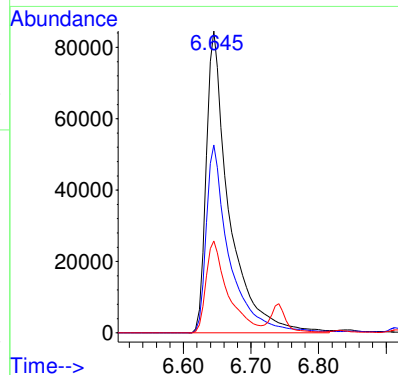
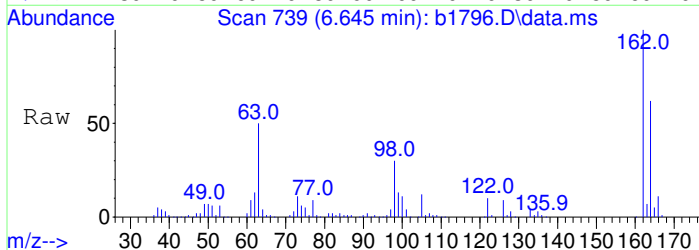
Tgt Ion: 93	Resp:	231768
Ion Ratio	Lower	Upper
93	100	
95	31.8	26.0 39.0
123	9.6	9.4 14.2





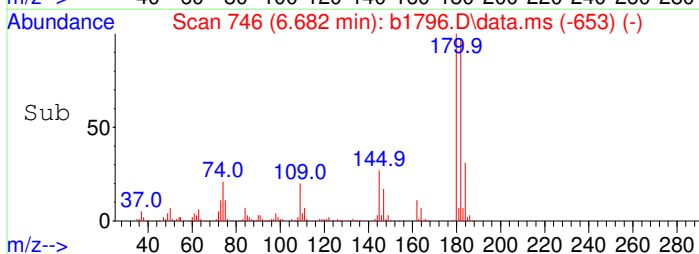
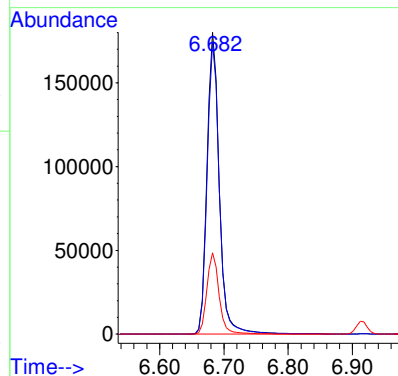
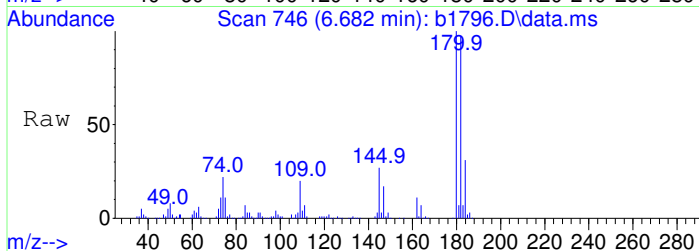
#28
 2,4-Dichlorophenol
 Concen: 50.35 ug
 RT: 6.645 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

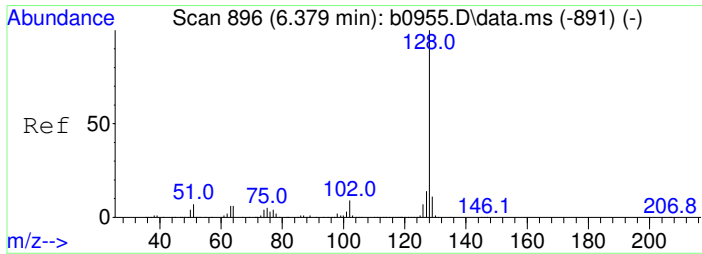
Tgt Ion	162	164	98
Ratio	100	62.8	29.1
Lower		51.4	25.7
Upper		77.2	38.5



#29
 1,2,4-Trichlorobenzene
 Concen: 49.39 ug
 RT: 6.682 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

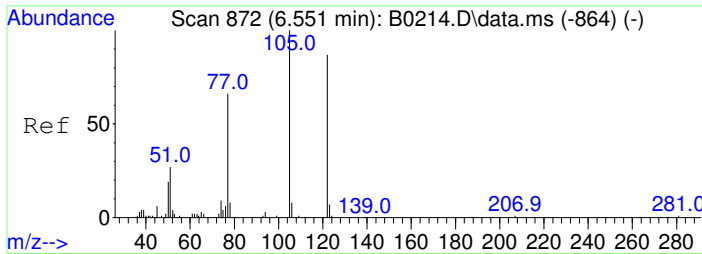
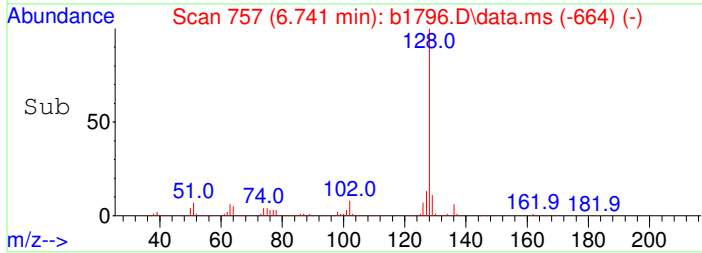
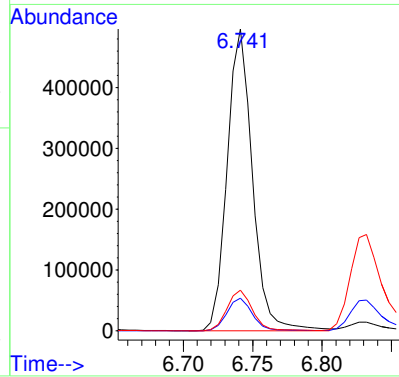
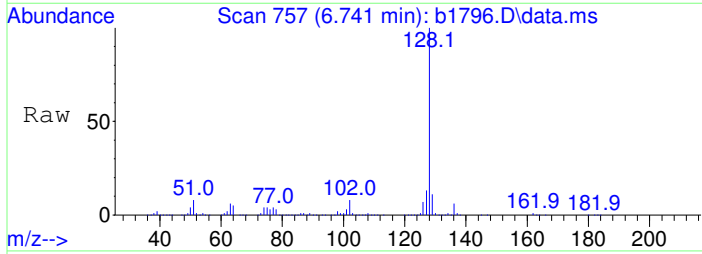
Tgt Ion	180	182	145
Ratio	100	96.5	26.7
Lower		77.3	21.0
Upper		115.9	31.6





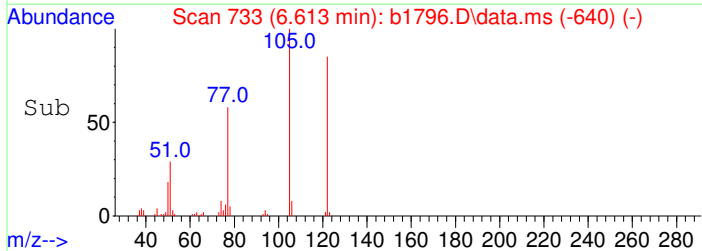
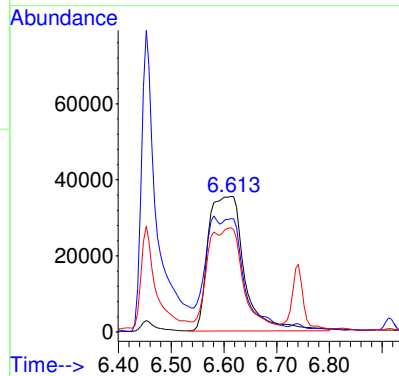
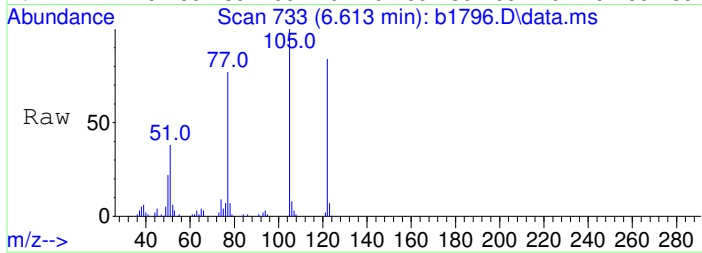
#30
Naphthalene
Concen: 49.65 ug
RT: 6.741 min Scan# 757
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

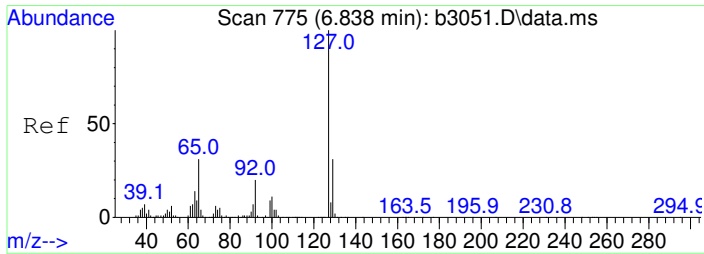
Tgt Ion:128	Resp: 631954
Ion Ratio	Lower Upper
128 100	
129 11.1	8.6 13.0
127 13.6	10.8 16.2



#31
Benzoic Acid
Concen: 64.87 ug
RT: 6.613 min Scan# 733
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

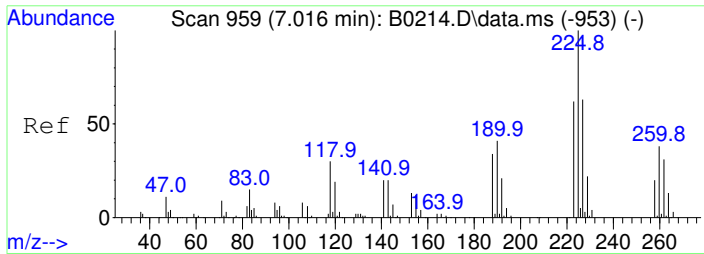
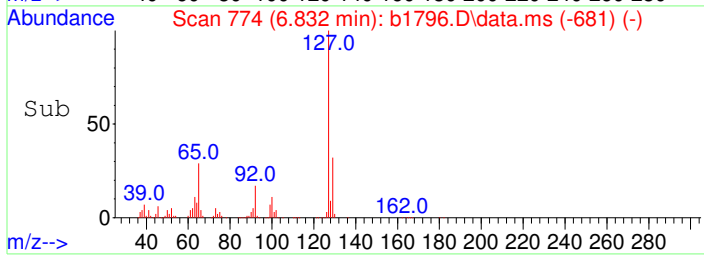
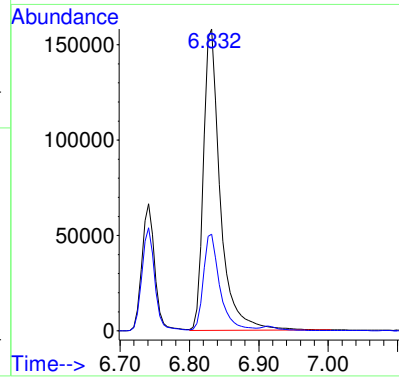
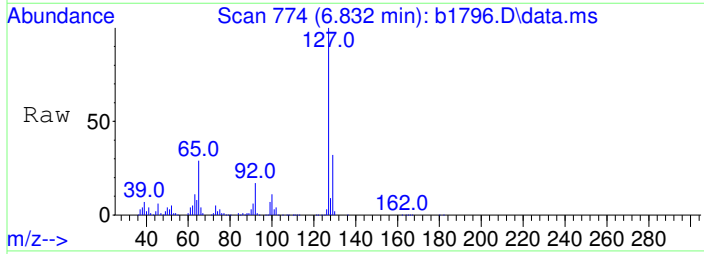
Tgt Ion:105	Resp: 168184
Ion Ratio	Lower Upper
105 100	
122 25.6	65.7 98.5#
77 25.5	59.5 89.3#





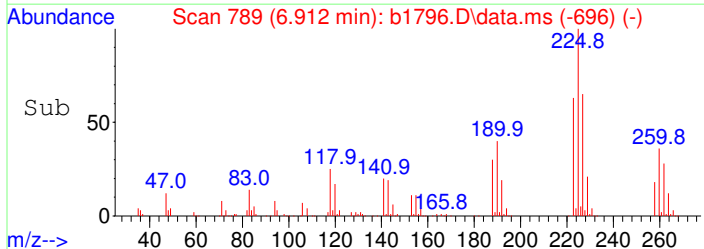
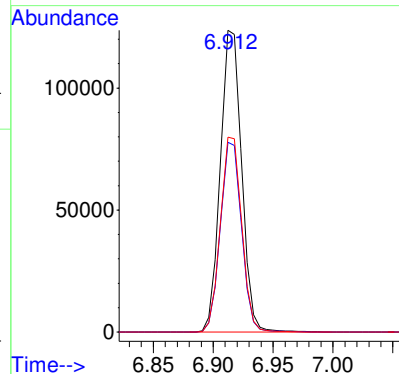
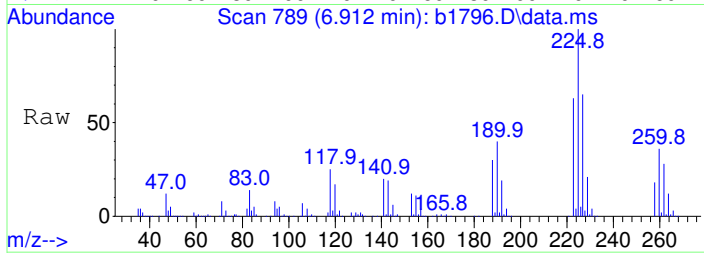
#32
4-Chloroaniline
Concen: 51.14 ug
RT: 6.832 min Scan# 774
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

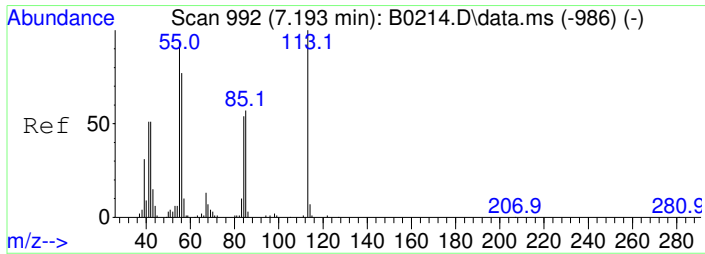
Tgt Ion:127 Resp: 267142
Ion Ratio Lower Upper
127 100
129 31.4 25.8 38.8



#33
Hexachlorobutadiene
Concen: 49.66 ug
RT: 6.912 min Scan# 789
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

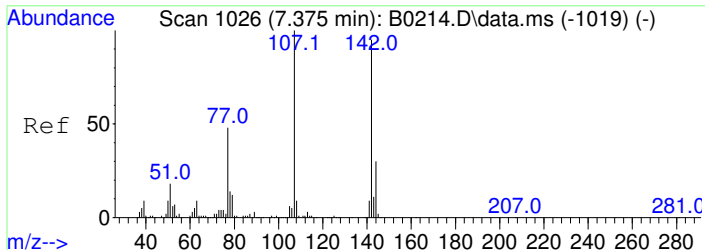
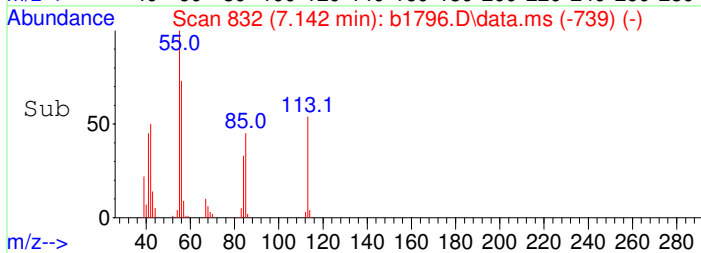
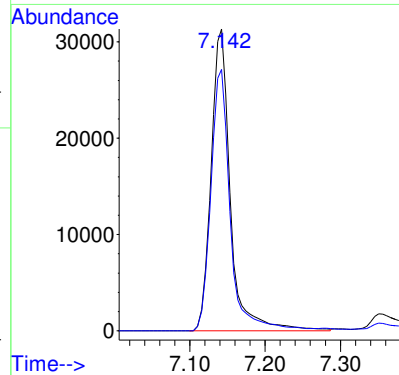
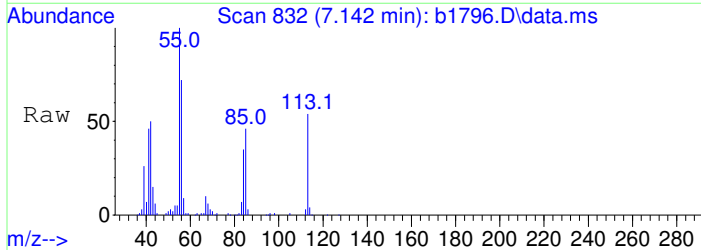
Tgt Ion:225 Resp: 153376
Ion Ratio Lower Upper
225 100
223 62.4 50.3 75.5
227 64.5 51.0 76.4





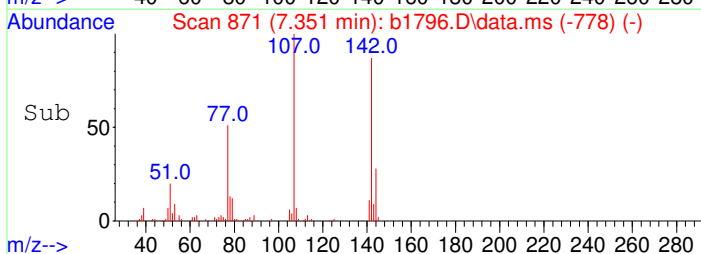
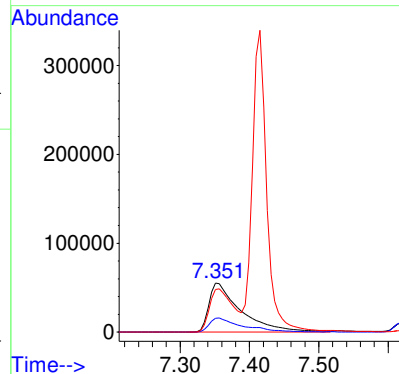
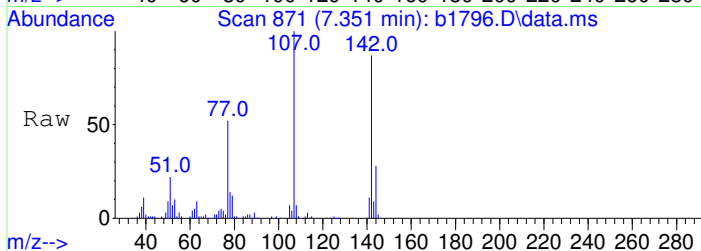
#34
Capralactam
Concen: 51.45 ug
RT: 7.142 min Scan# 832
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

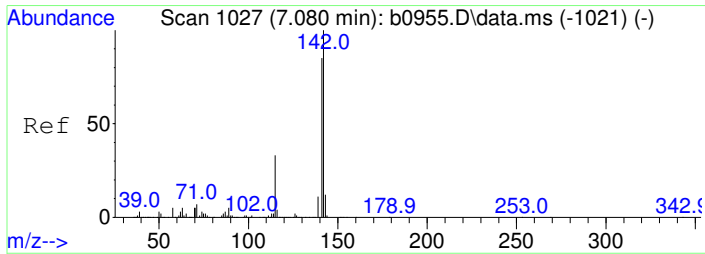
Tgt Ion	Ratio	Lower	Upper
113	100		
85	87.1	67.8	101.6



#35
4-Chloro-3-methylphenol
Concen: 49.51 ug
RT: 7.351 min Scan# 871
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

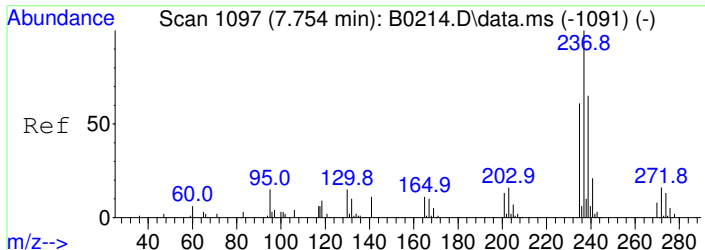
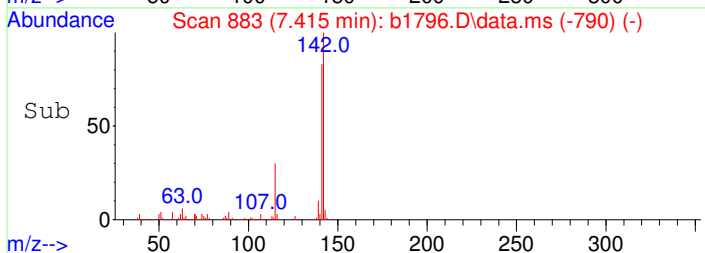
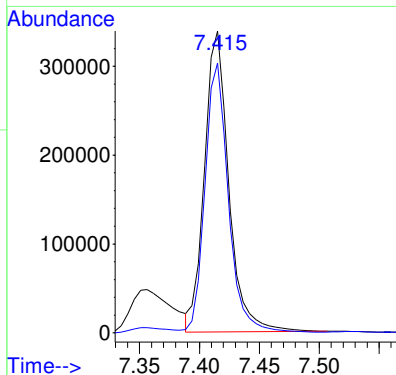
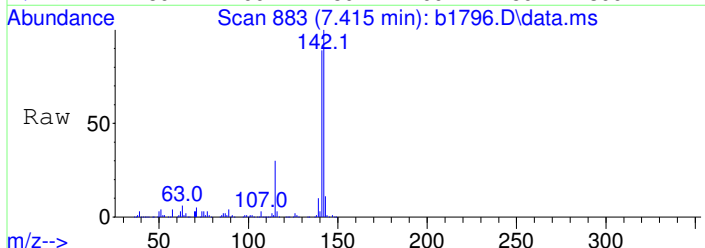
Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.9	25.2	37.8
142	64.8	553.0	829.6#





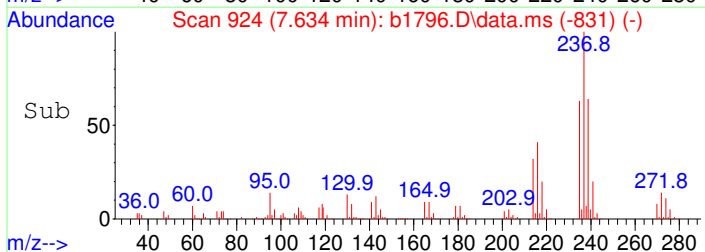
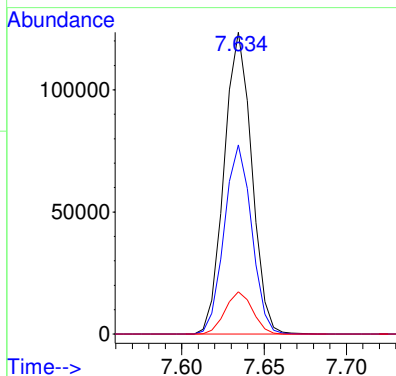
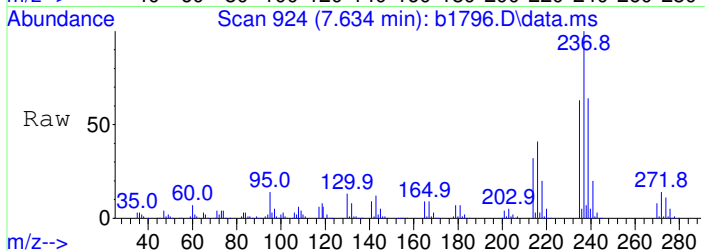
#36
 2-Methylnaphthalene
 Concen: 48.27 ug
 RT: 7.415 min Scan# 883
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

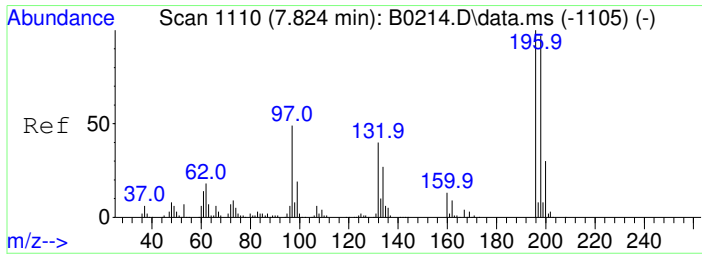
Tgt Ion:142 Resp: 480249
 Ion Ratio Lower Upper
 142 100
 141 85.7 65.0 97.4



#38
 Hexachlorocyclopentadiene
 Concen: 45.99 ug
 RT: 7.634 min Scan# 924
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

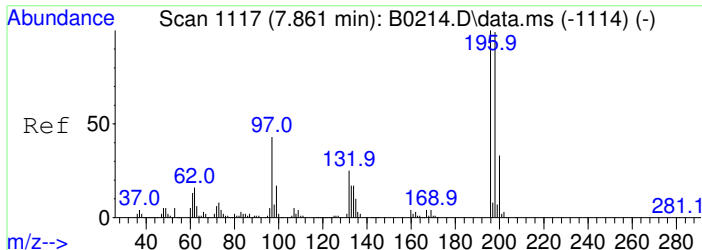
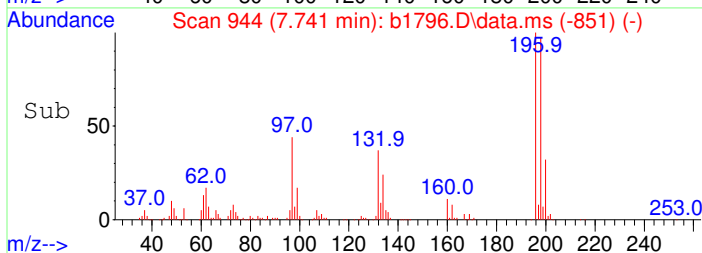
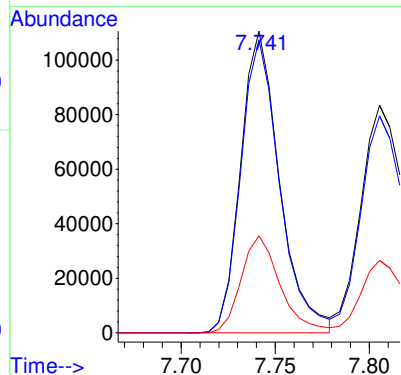
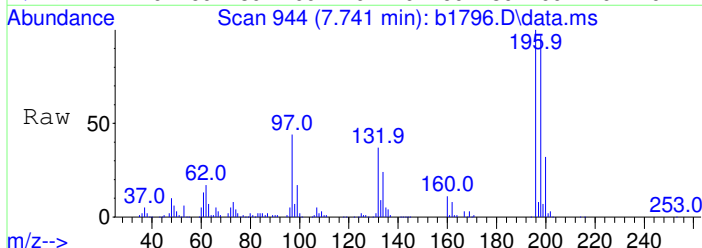
Tgt Ion:237 Resp: 143770
 Ion Ratio Lower Upper
 237 100
 235 62.3 50.7 76.1
 272 13.9 10.9 16.3





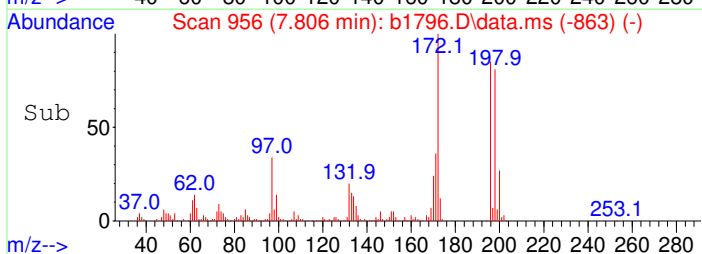
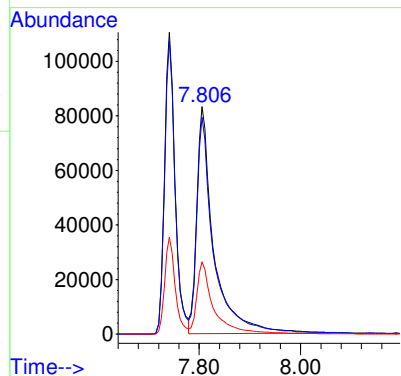
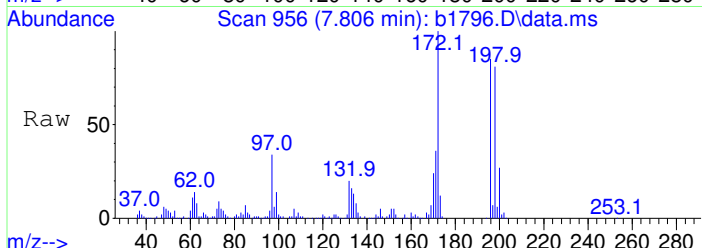
#39
 2,4,6-Trichlorophenol
 Concen: 48.70 ug
 RT: 7.741 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

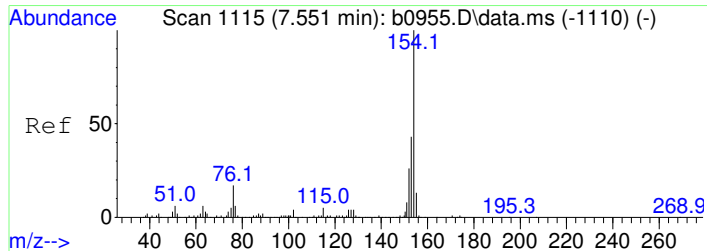
Tgt Ion	196	Resp	159526
Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.6	113.4
200	32.2	25.0	37.6



#40
 2,4,5-Trichlorophenol
 Concen: 51.01 ug
 RT: 7.806 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

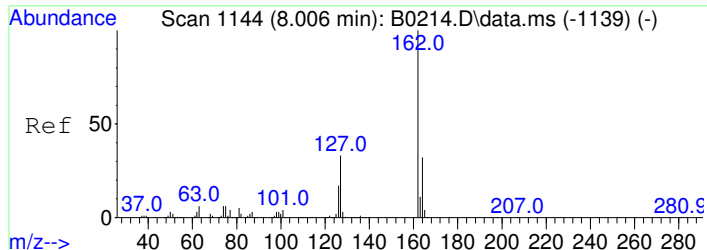
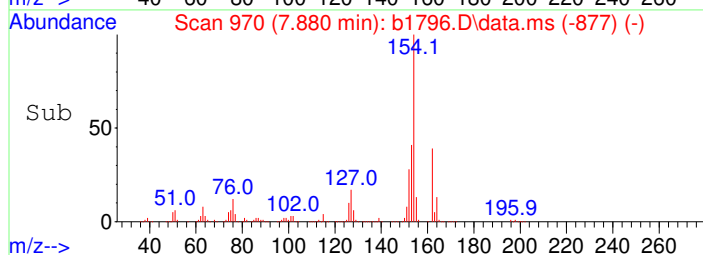
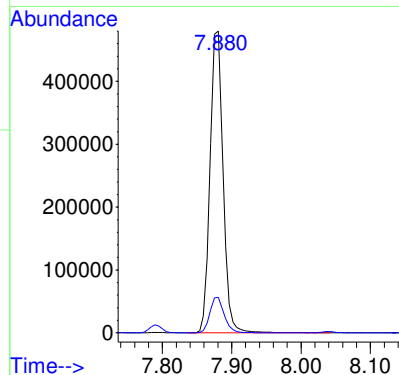
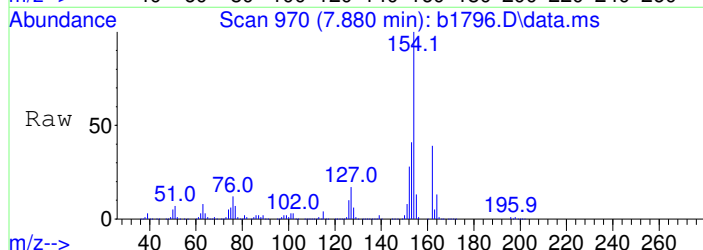
Tgt Ion	196	Resp	194680
Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.8	113.8
200	30.4	25.0	37.4





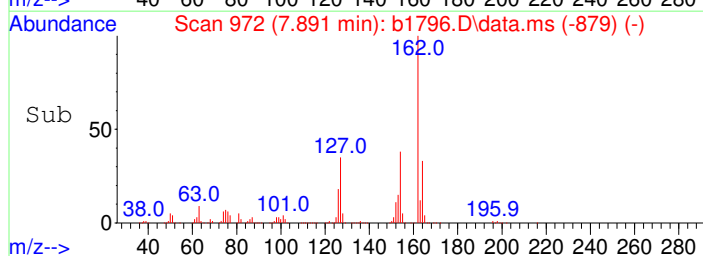
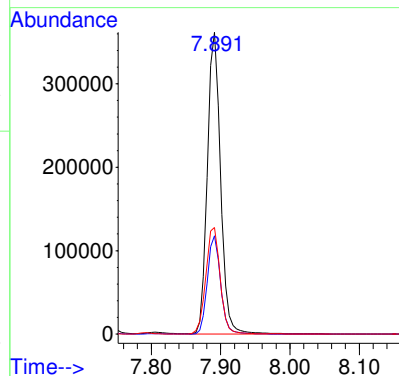
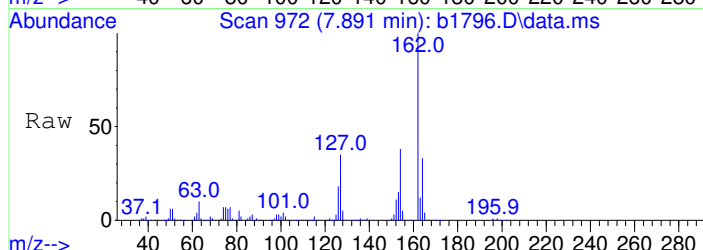
#41
Biphenyl
Concen: 49.03 ug
RT: 7.880 min Scan# 970
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

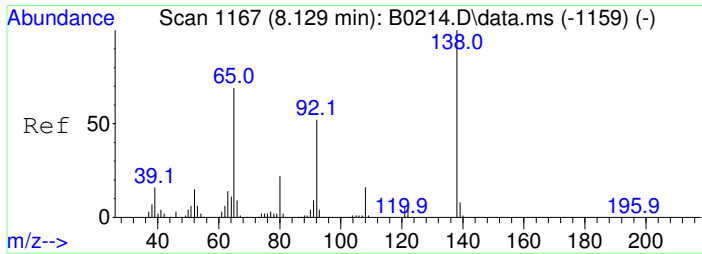
Tgt Ion	Ratio	Lower	Upper
154	100		
76	13.0	7.5	11.3#



#43
2-Chloronaphthalene
Concen: 49.13 ug
RT: 7.891 min Scan# 972
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

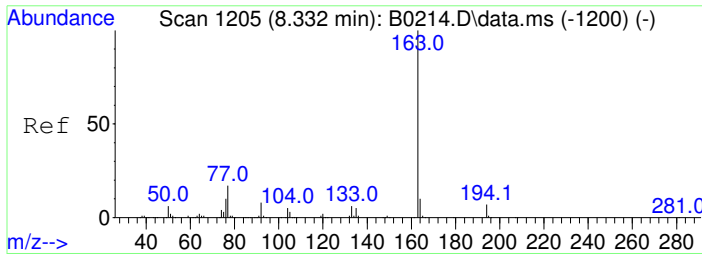
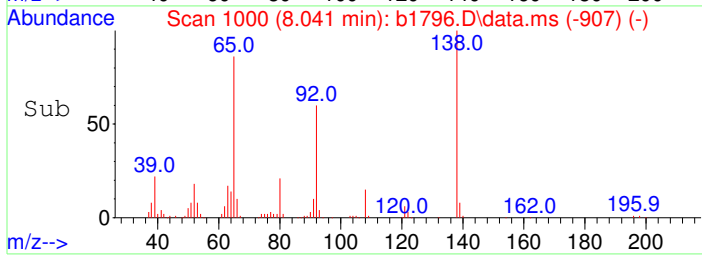
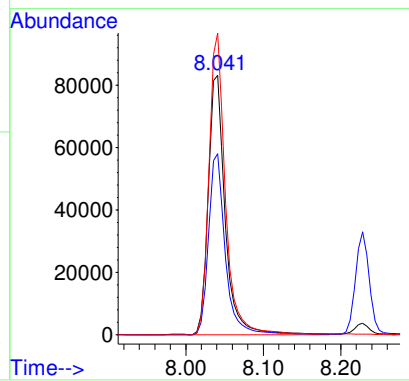
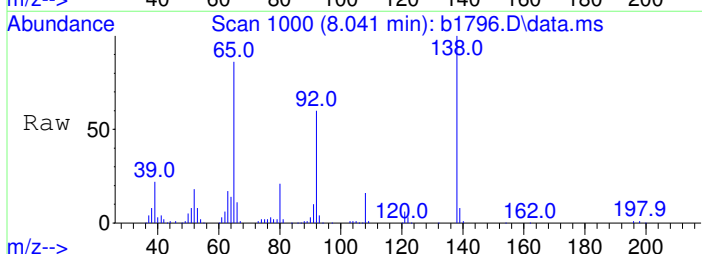
Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.6	26.9	40.3
127	38.7	29.1	43.7





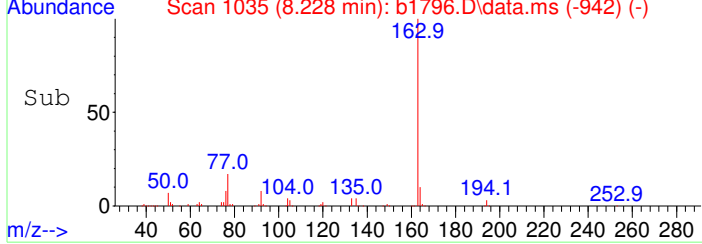
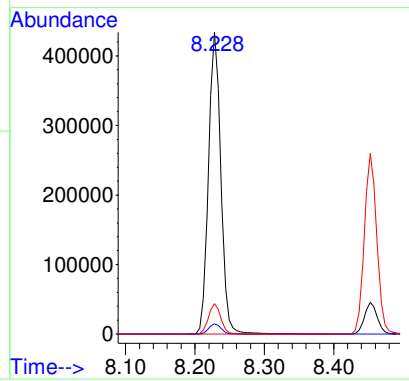
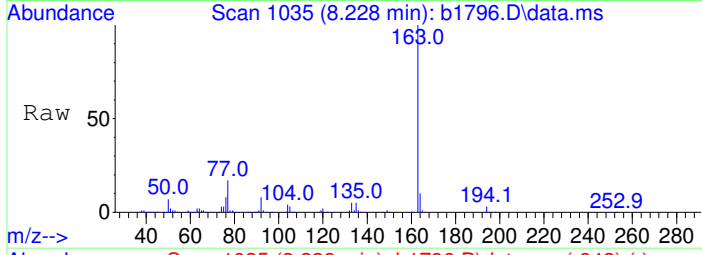
#44
 2-Nitroaniline
 Concen: 49.48 ug
 RT: 8.041 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

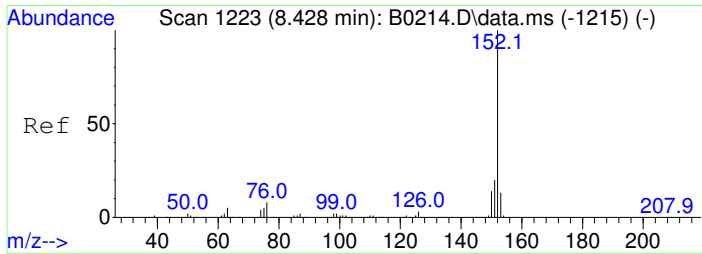
Tgt Ion	65	92	138
Resp	128596	69.2	112.5
Ratio	100	69.2	112.5
Lower		59.8	122.2
Upper		89.8	183.4#



#45
 Dimethylphthalate
 Concen: 48.61 ug
 RT: 8.228 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

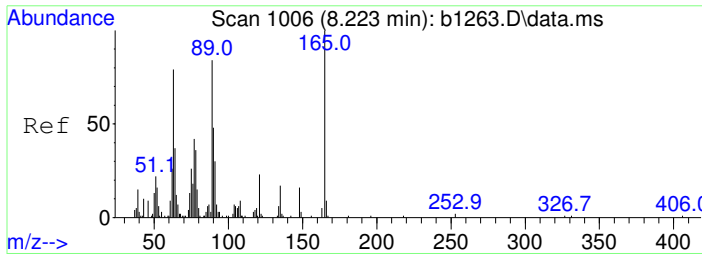
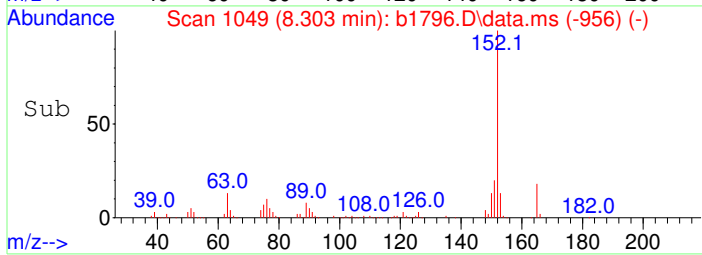
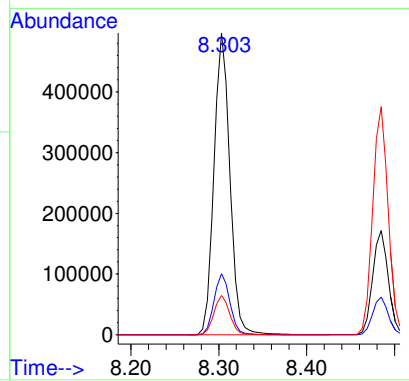
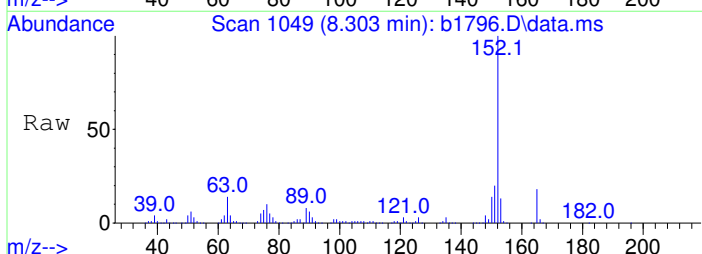
Tgt Ion	163	194	164
Resp	535397	3.4	10.1
Ratio	100	3.4	10.1
Lower		5.7	8.2
Upper		8.5#	12.2





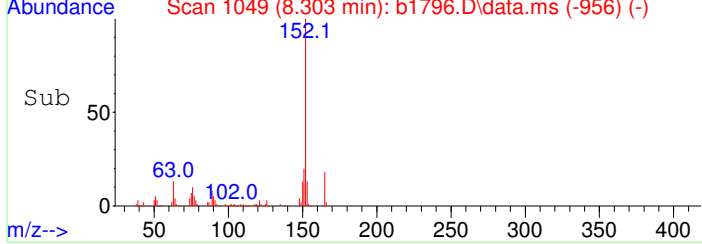
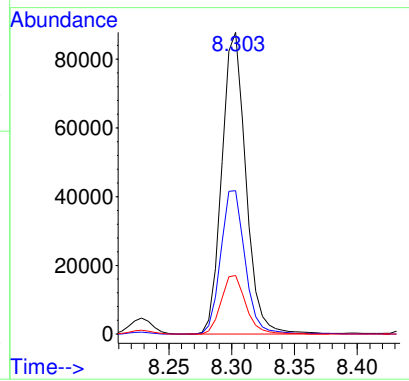
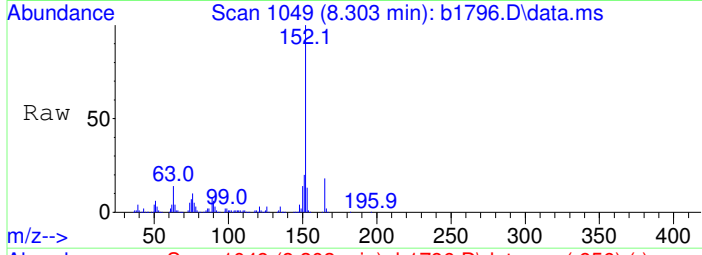
#46
 Acenaphthylene
 Concen: 48.72 ug
 RT: 8.303 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

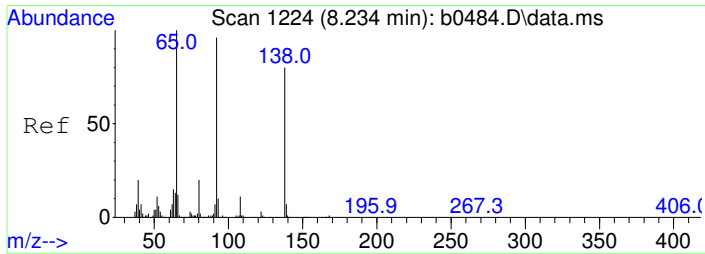
Tgt Ion	152	151	153
Ratio	100	20.2	13.0
Lower		15.8	10.7
Upper		23.6	16.1



#47
 2,6-Dinitrotoluene
 Concen: 48.97 ug
 RT: 8.303 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

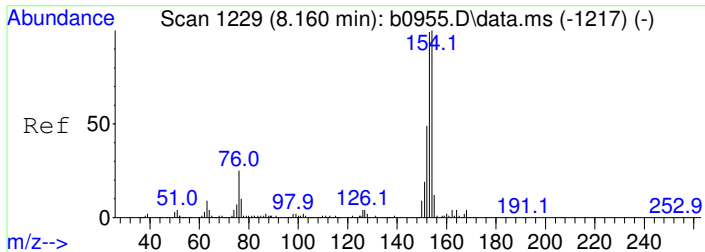
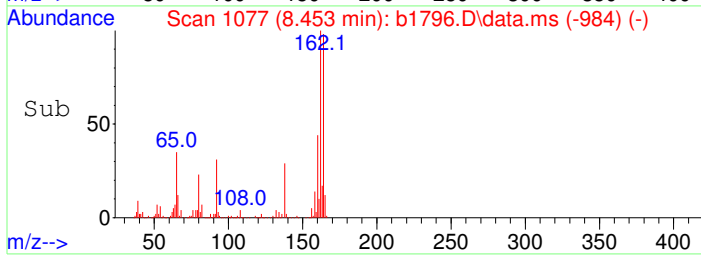
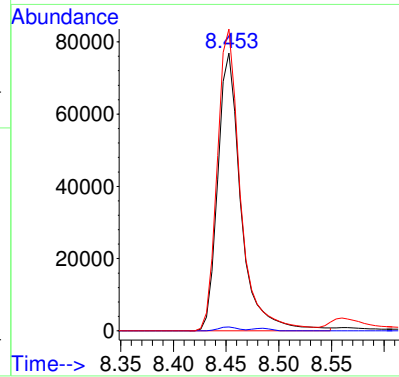
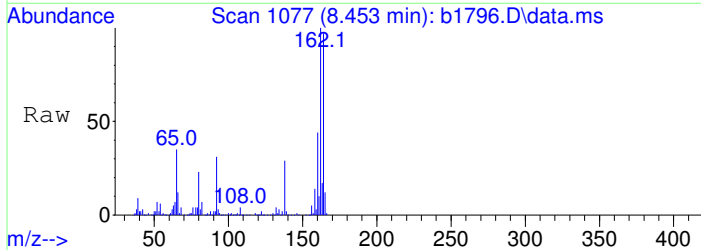
Tgt Ion	165	89	121
Ratio	100	48.1	20.0
Lower		38.0	15.6
Upper		57.0	23.4





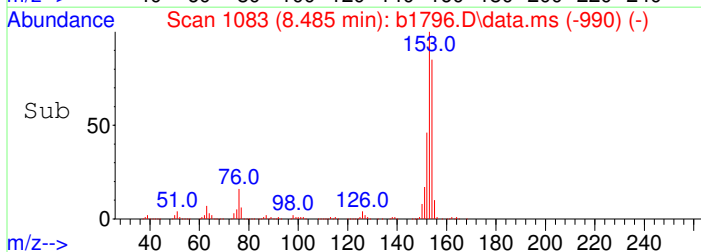
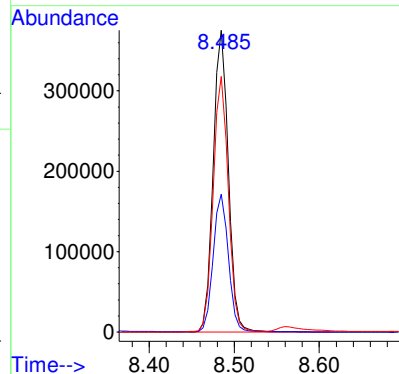
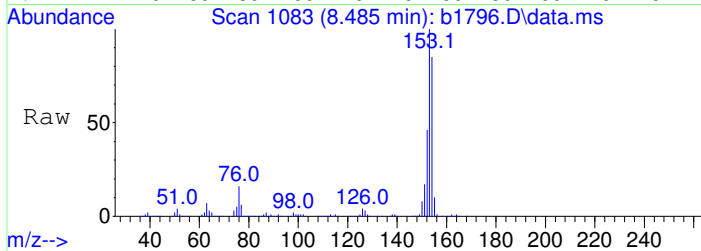
#48
 3-Nitroaniline
 Concen: 48.86 ug
 RT: 8.453 min Scan# 1077
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

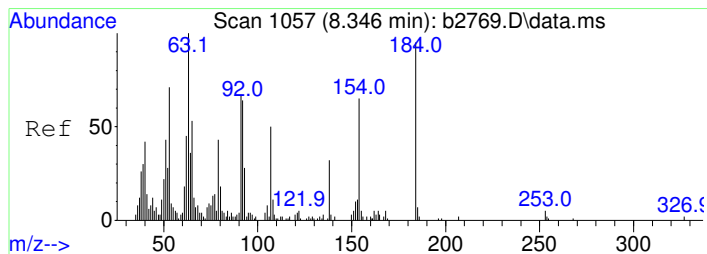
Tgt Ion:138	Resp:	118337	
Ion Ratio	Lower	Upper	
138	100		
109	0.0	1.2	1.8#
92	108.4	44.2	66.2#



#49
 Acenaphthene
 Concen: 49.44 ug
 RT: 8.485 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

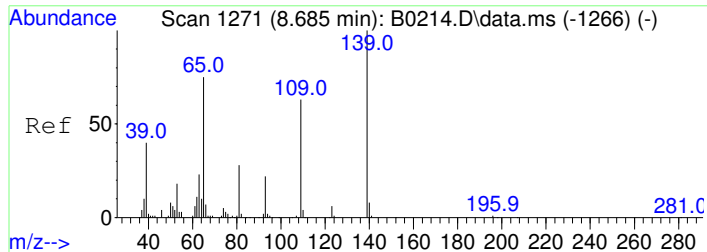
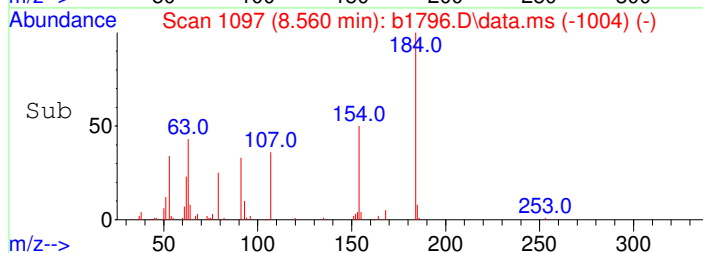
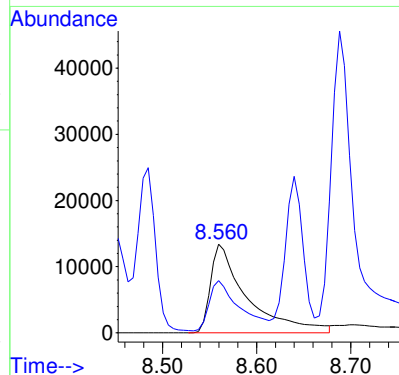
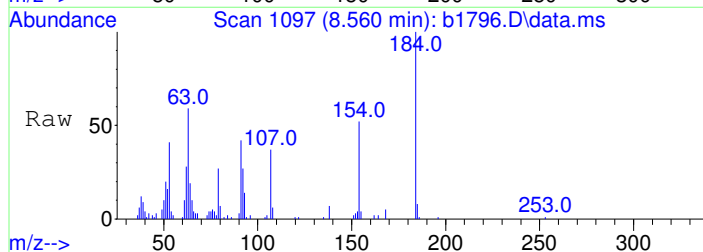
Tgt Ion:153	Resp:	463549	
Ion Ratio	Lower	Upper	
153	100		
152	46.0	37.8	56.8
154	84.9	74.1	111.1





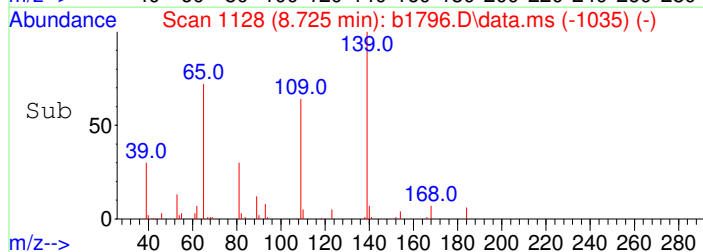
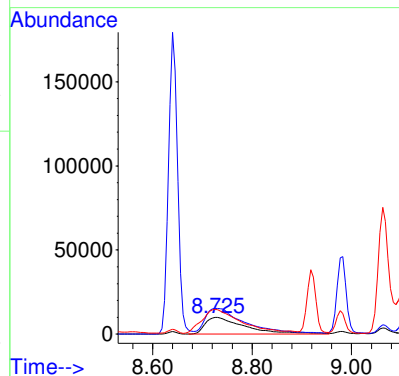
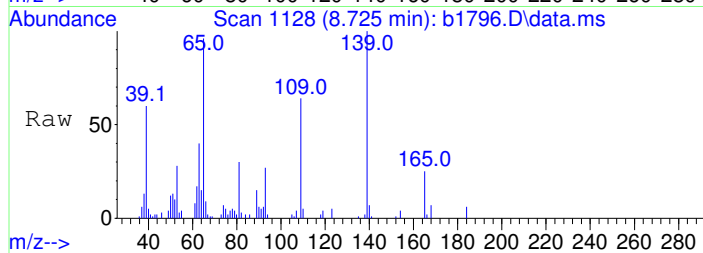
#50
2,4-Dinitrophenol
Concen: 44.71 ug
RT: 8.560 min Scan# 1097
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

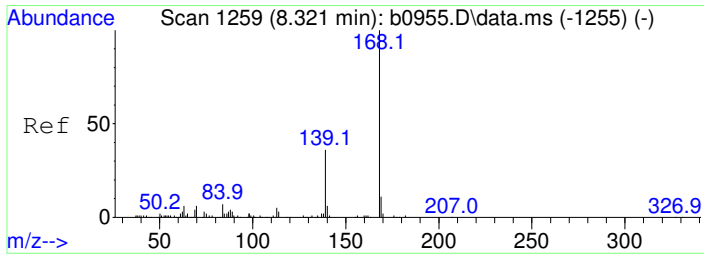
Tgt Ion:184	Resp:	36193
Ion Ratio	Lower	Upper
184	100	
63	46.8	46.2 69.4



#51
4-Nitrophenol
Concen: 50.46 ug
RT: 8.725 min Scan# 1128
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

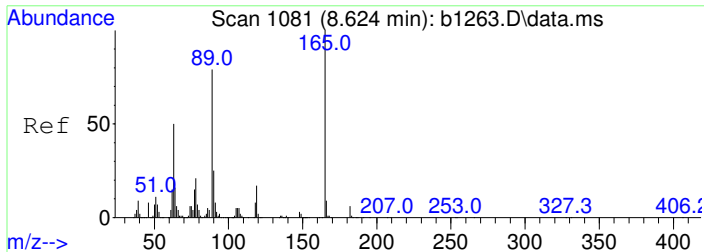
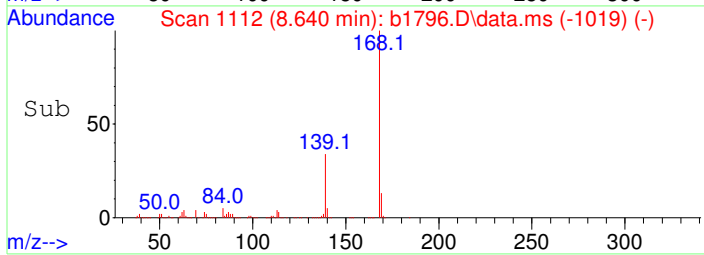
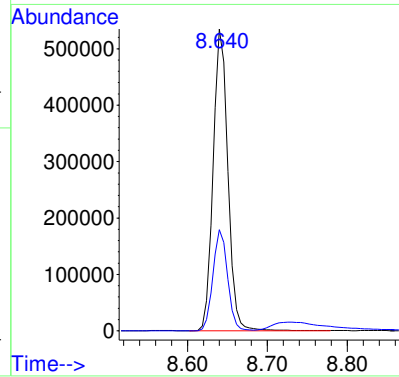
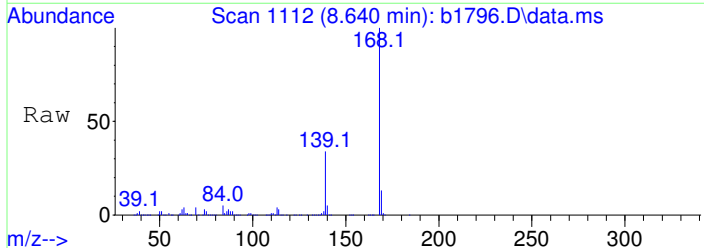
Tgt Ion:109	Resp:	56199
Ion Ratio	Lower	Upper
109	100	
139	151.5	122.6 183.8
65	137.6	122.6 184.0





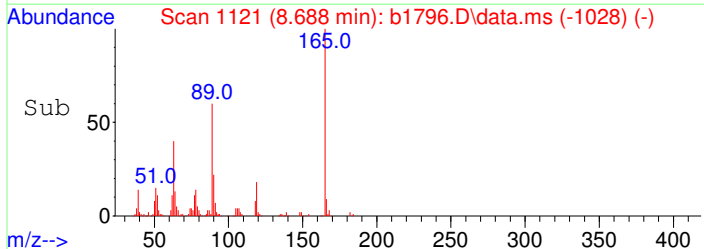
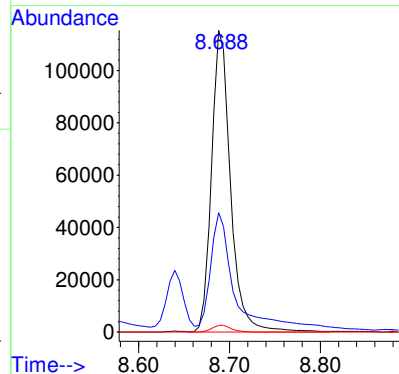
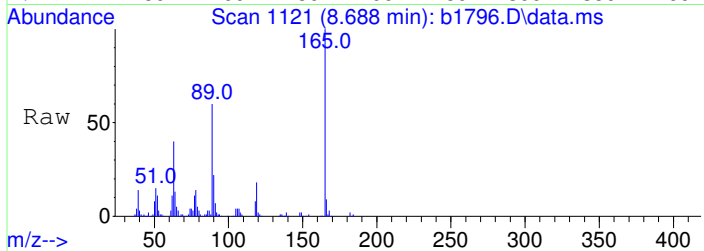
#52
Dibenzofuran
Concen: 48.82 ug
RT: 8.640 min Scan# 1112
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

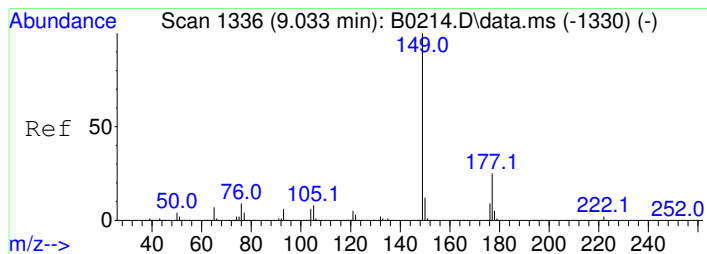
Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.3	30.5	45.7



#53
2,4-Dinitrotoluene
Concen: 49.76 ug
RT: 8.688 min Scan# 1121
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

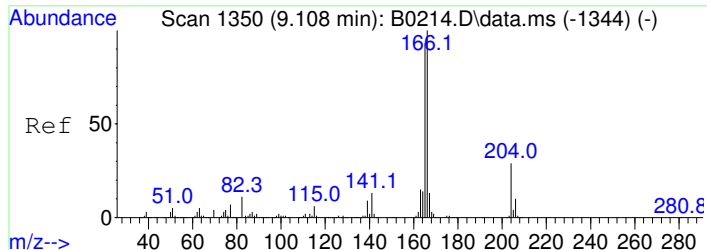
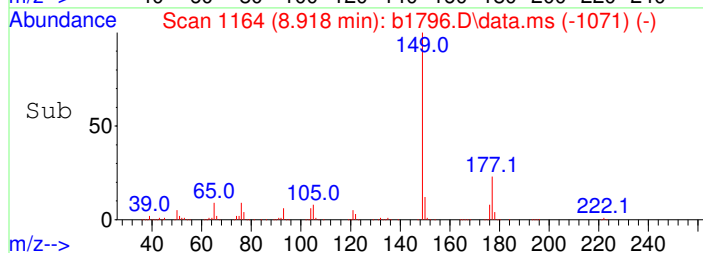
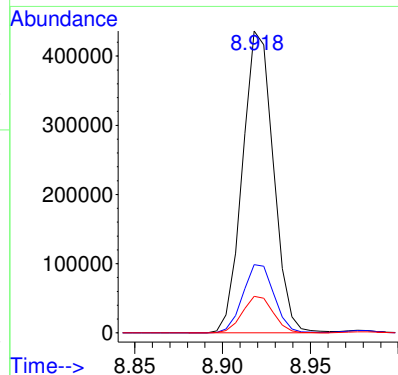
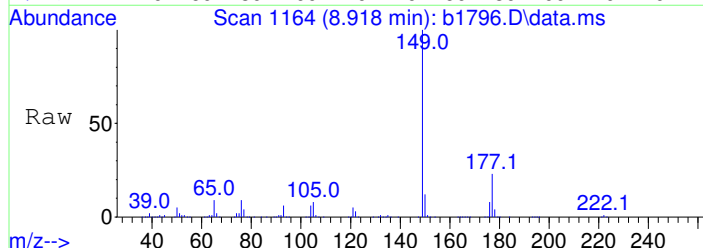
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.0	29.4	44.0#
182	0.0	4.5	6.7#





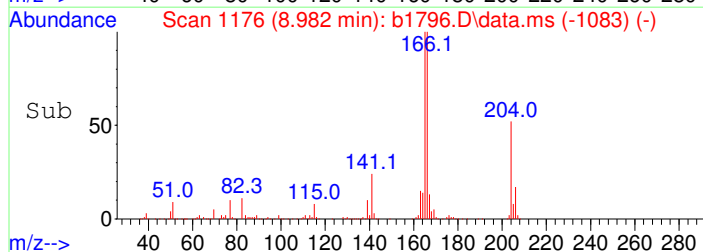
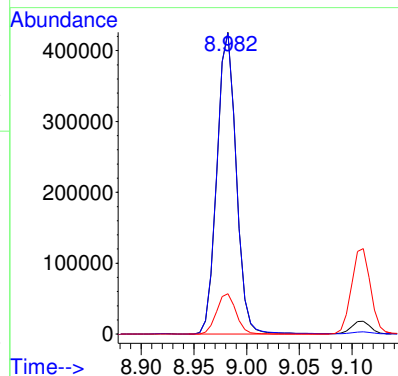
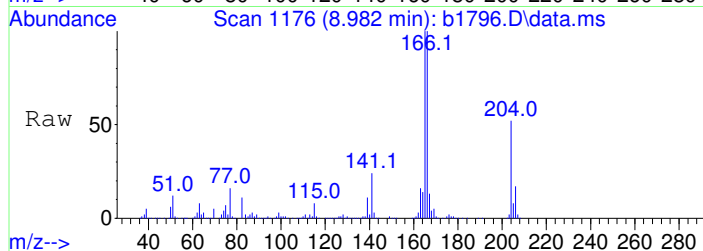
#54
Diethylphthalate
Concen: 48.68 ug
RT: 8.918 min Scan# 1164
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

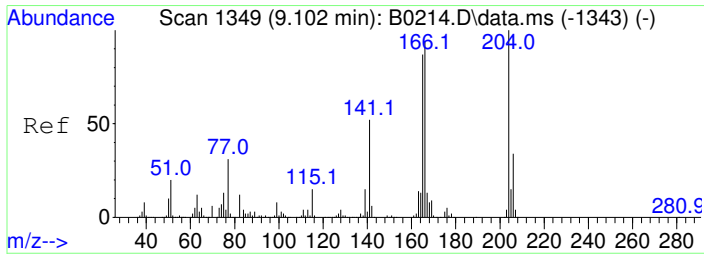
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.8	29.8
150	12.1	10.0	15.0



#55
Fluorene
Concen: 49.37 ug
RT: 8.982 min Scan# 1176
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

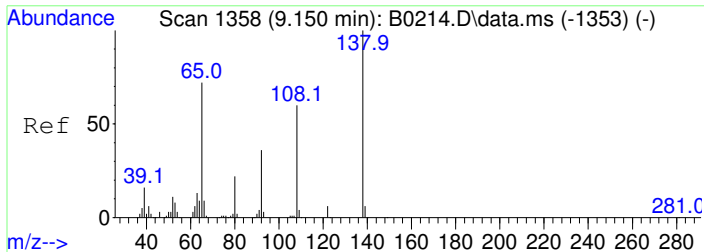
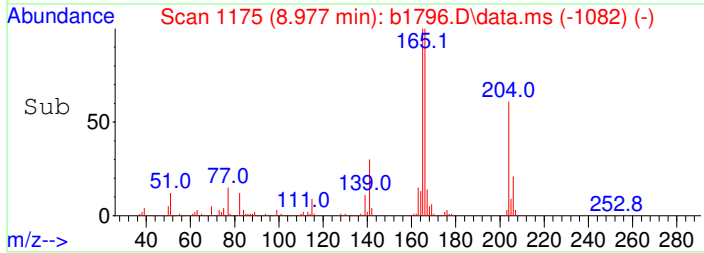
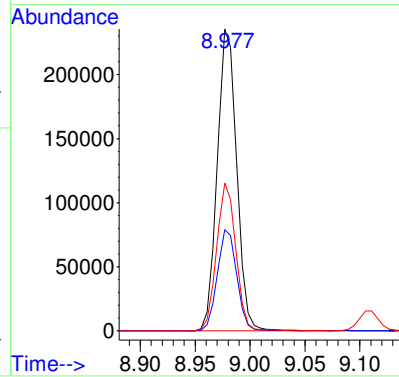
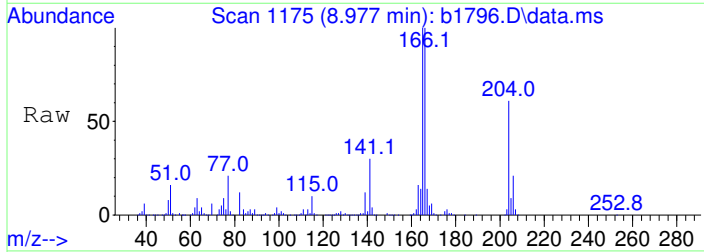
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	75.2	112.8
167	13.5	11.4	17.0





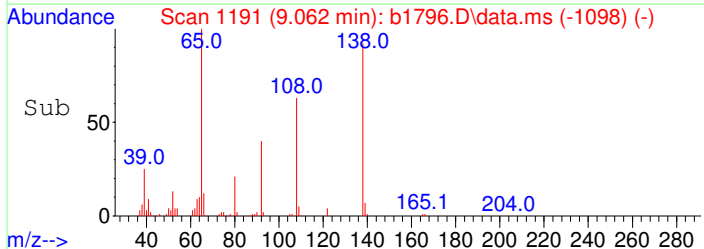
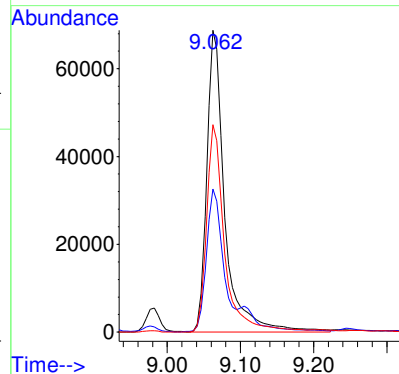
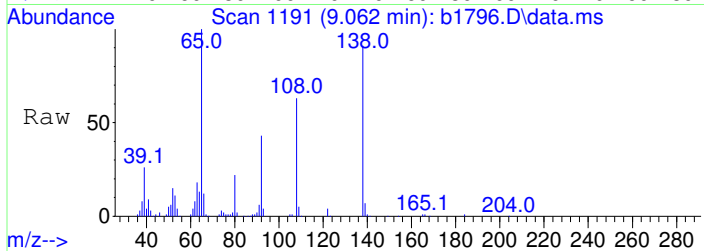
#56
4-Chlorophenyl-phenyle
Concen: 48.74 ug
RT: 8.977 min Scan# 1175
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

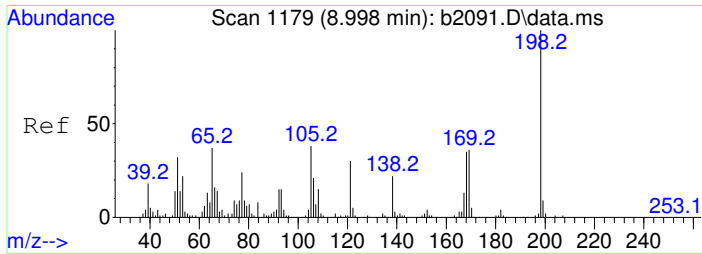
Tgt	Ion:204	Resp:	290375
Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.0	40.4
141	48.3	40.8	61.2



#57
4-Nitroaniline
Concen: 49.12 ug
RT: 9.062 min Scan# 1191
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

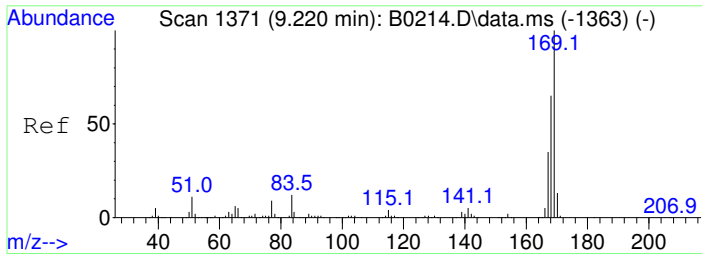
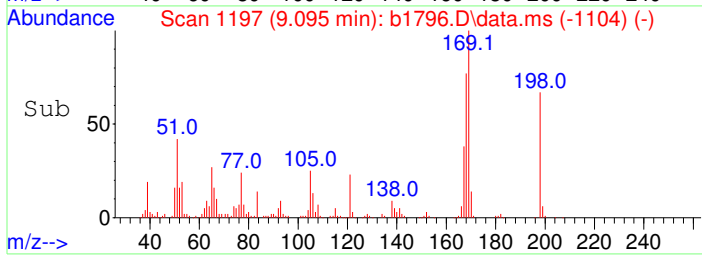
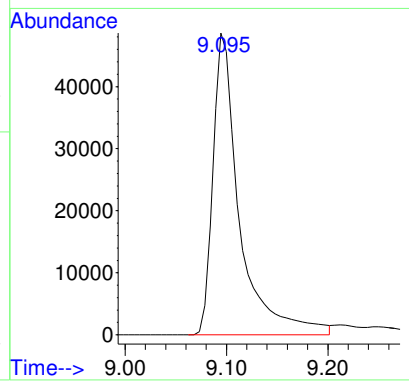
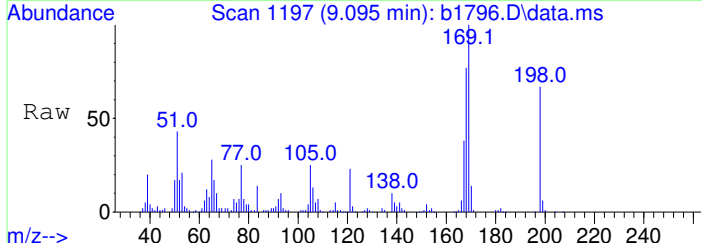
Tgt	Ion:138	Resp:	117954
Ion	Ratio	Lower	Upper
138	100		
92	43.8	32.2	48.2
108	68.4	60.6	90.8





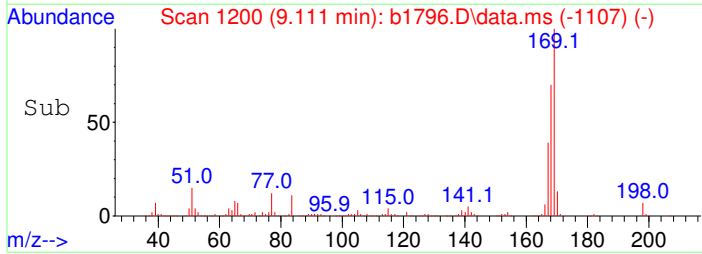
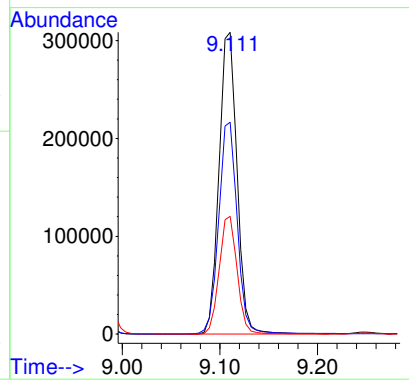
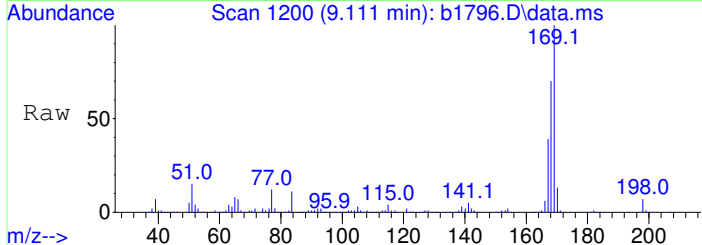
#59
 4,6-Dinitro-2-methylph
 Concen: 44.97 ug
 RT: 9.095 min Scan# 1197
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

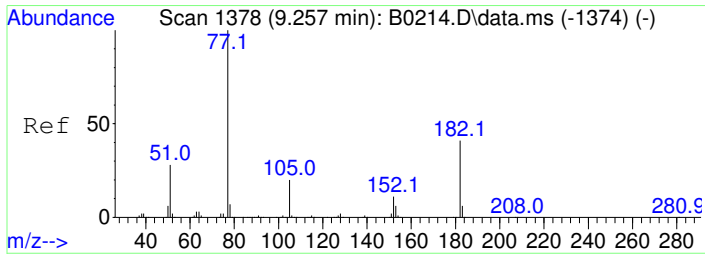
Tgt Ion:198 Resp: 89218



#60
 n-Nitrosodiphenylamine
 Concen: 50.05 ug
 RT: 9.111 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

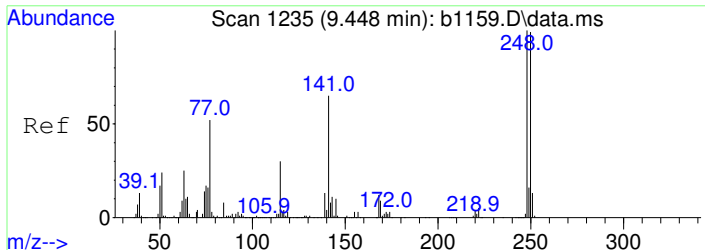
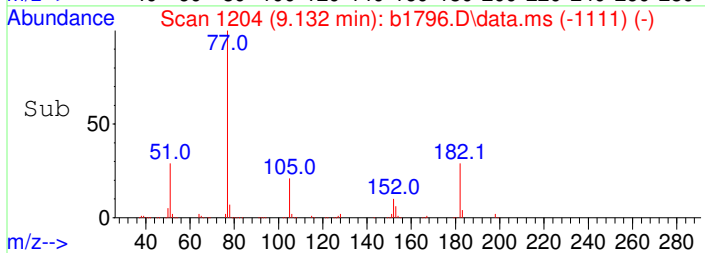
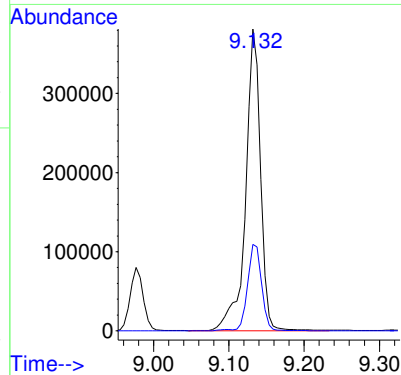
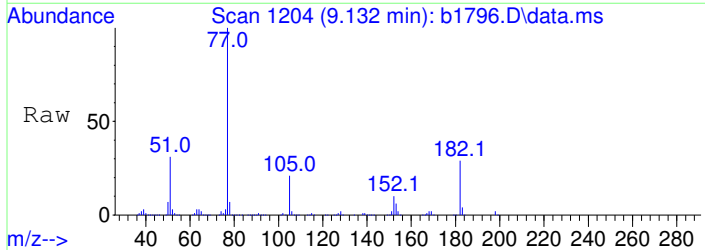
Tgt Ion:169	Resp:	396424
Ion Ratio	Lower	Upper
169	100	
168	72.6	51.0 76.6
167	38.9	27.7 41.5





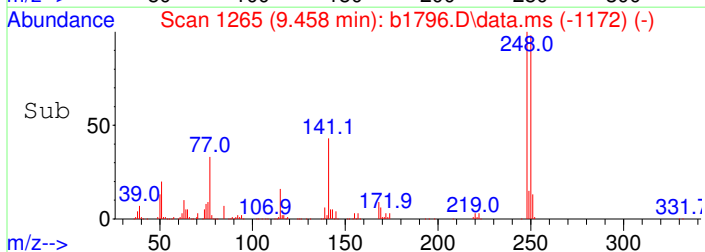
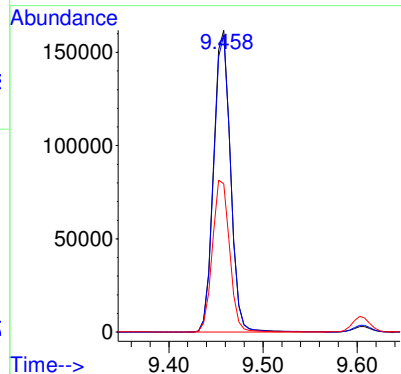
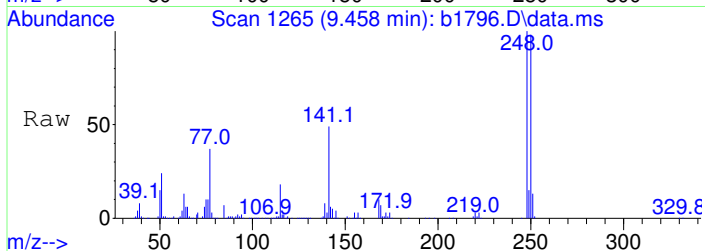
#62
Azobenzene
Concen: 49.59 ug
RT: 9.132 min Scan# 1204
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

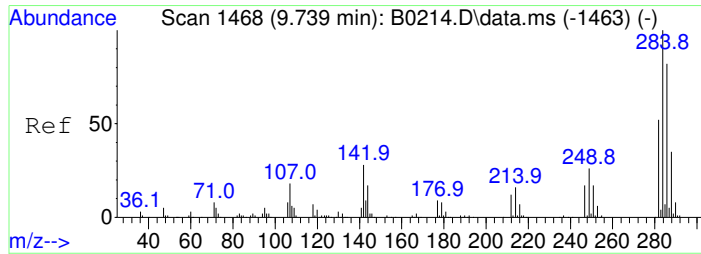
Tgt Ion: 77 Resp: 524355
Ion Ratio Lower Upper
77 100
182 27.2 30.2 45.4#



#63
4-Bromophenyl-phenylether
Concen: 49.31 ug
RT: 9.458 min Scan# 1265
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

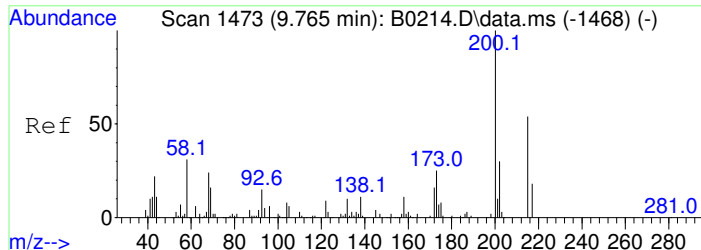
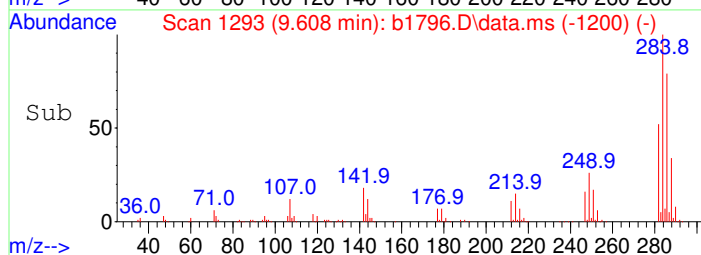
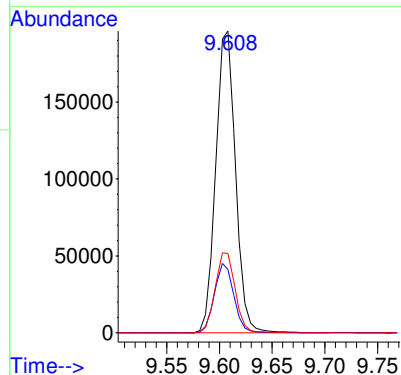
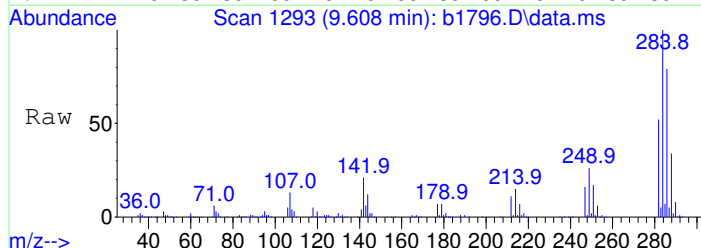
Tgt Ion: 248 Resp: 201447
Ion Ratio Lower Upper
248 100
250 98.3 76.7 115.1
141 51.4 46.2 69.2





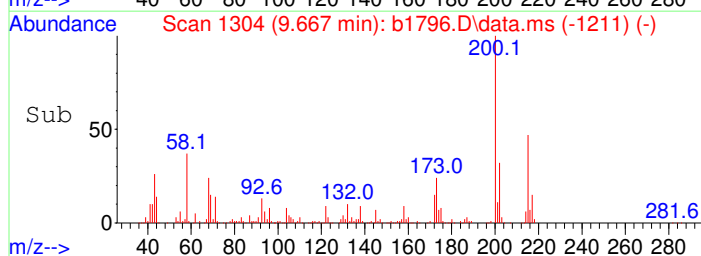
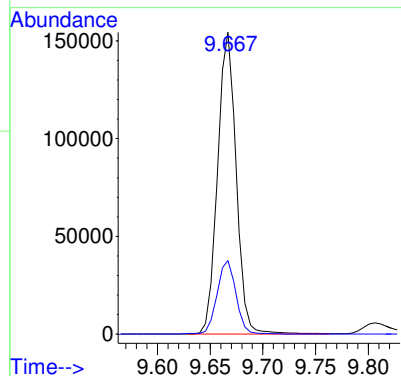
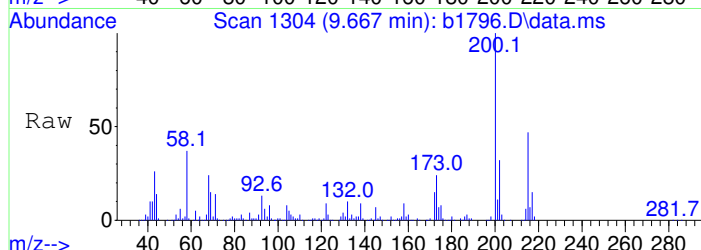
#64
Hexachlorobenzene
Concen: 48.95 ug
RT: 9.608 min Scan# 1293
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

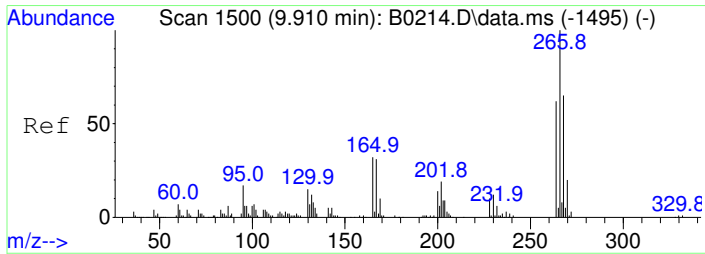
Tgt	Ion	284	Resp:	256499
Ion	Ratio	Lower	Upper	
284	100			
142	22.7	24.7	37.1#	
249	26.8	23.0	34.4	



#65
Atrazine
Concen: 50.16 ug
RT: 9.667 min Scan# 1304
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

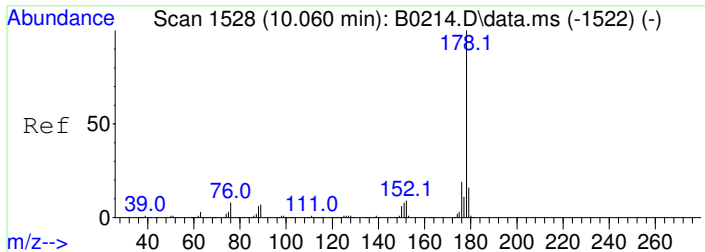
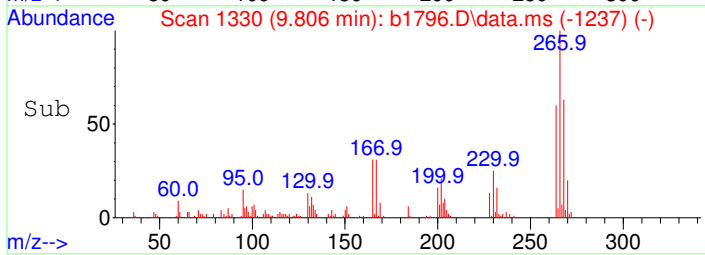
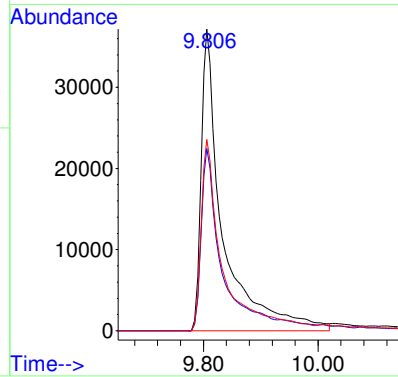
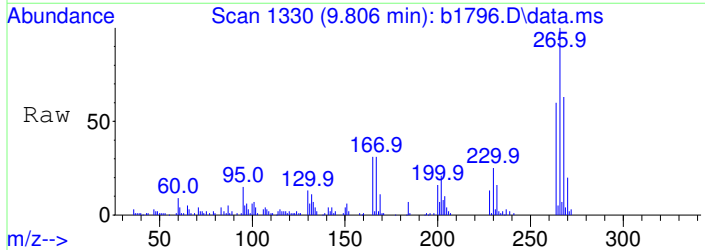
Tgt	Ion	200	Resp:	190019
Ion	Ratio	Lower	Upper	
200	100			
173	24.8	19.8	29.8	





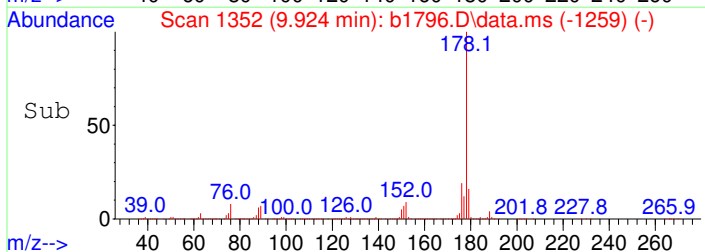
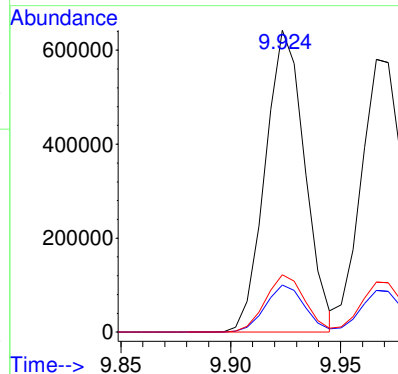
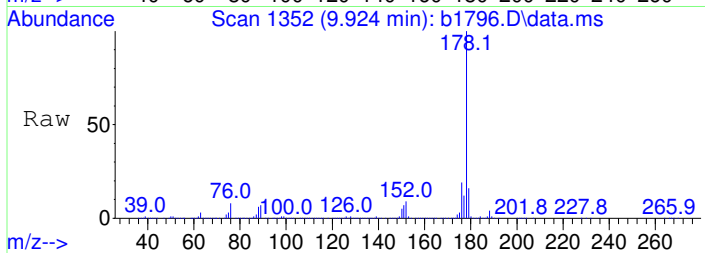
#66
 Pentachlorophenol
 Concen: 46.77 ug
 RT: 9.806 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

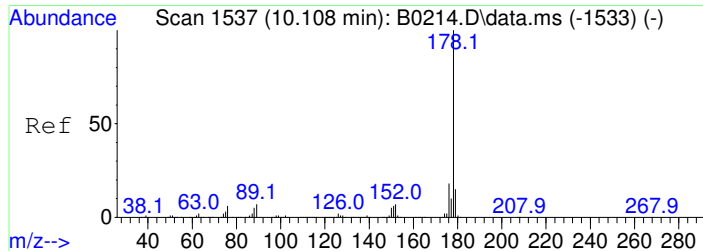
Tgt Ion	266	Resp	97762
Ion Ratio	Lower	Upper	
266	100		
264	60.6	49.3	73.9
268	63.2	50.1	75.1



#67
 Phenanthrene
 Concen: 49.18 ug
 RT: 9.924 min Scan# 1352
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

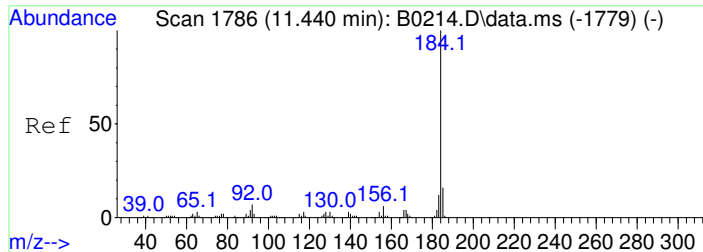
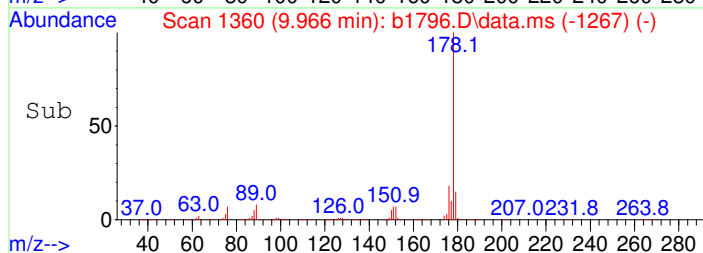
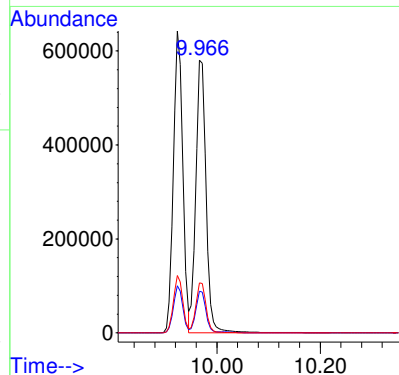
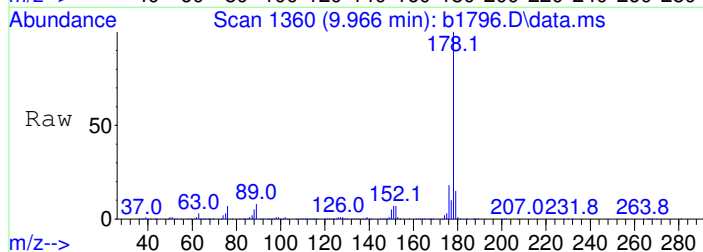
Tgt Ion	178	Resp	802855
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.2
176	18.9	15.2	22.8





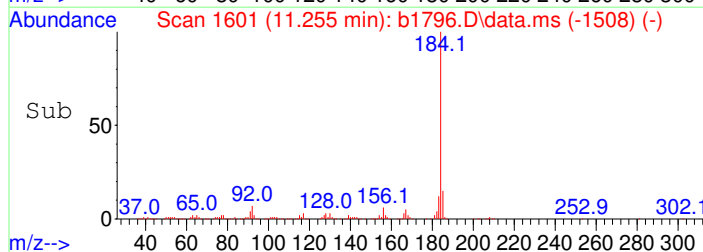
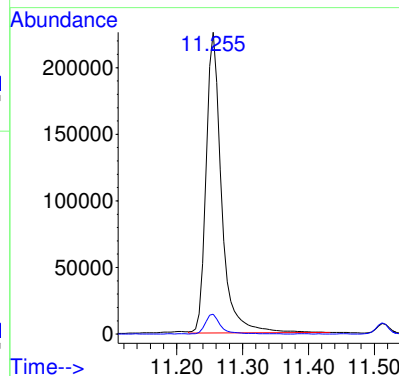
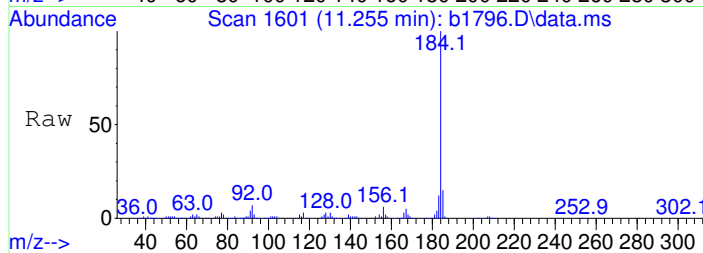
#68
Anthracene
Concen: 50.15 ug
RT: 9.966 min Scan# 1360
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

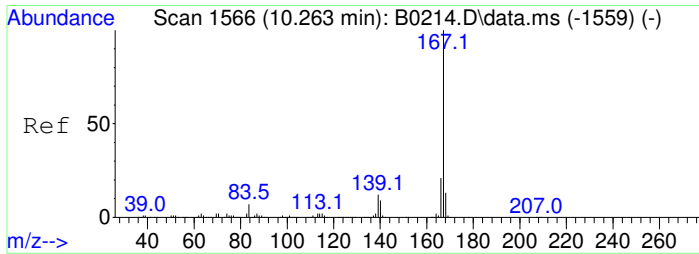
Tgt	Ion:178	Resp:	800156
Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.4	18.6
176	18.3	14.8	22.2



#69
Benzidine
Concen: 55.90 ug
RT: 11.255 min Scan# 1601
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

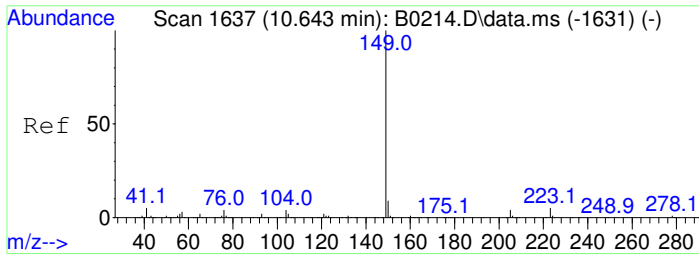
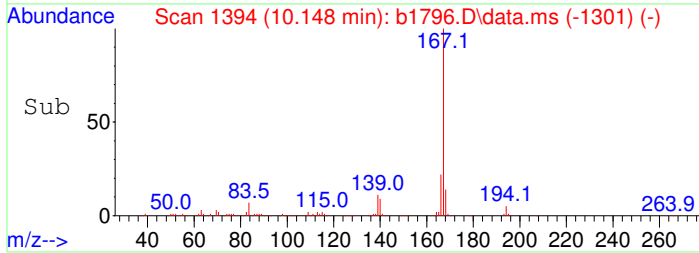
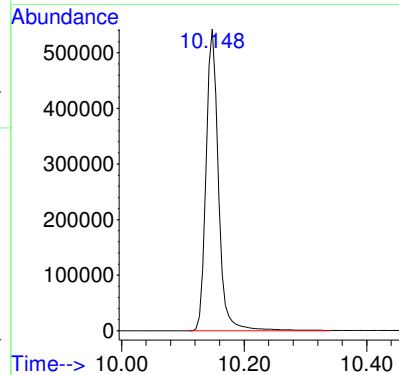
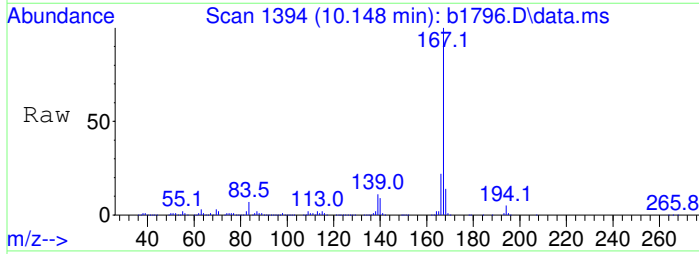
Tgt	Ion:184	Resp:	369401
Ion	Ratio	Lower	Upper
184	100		
92	6.4	4.3	6.5





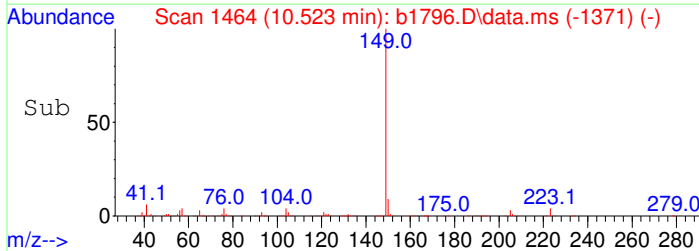
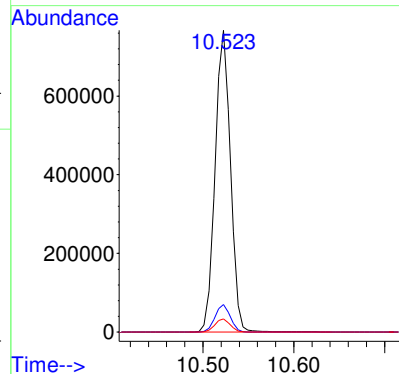
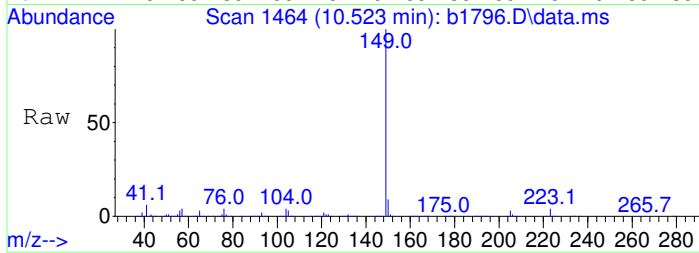
#70
Carbazole
Concen: 50.04 ug
RT: 10.148 min Scan# 1394
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

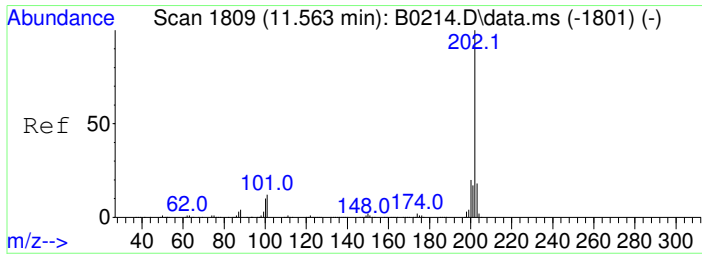
Tgt Ion:167 Resp: 764618



#71
Di-n-butylphthalate
Concen: 49.15 ug
RT: 10.523 min Scan# 1464
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

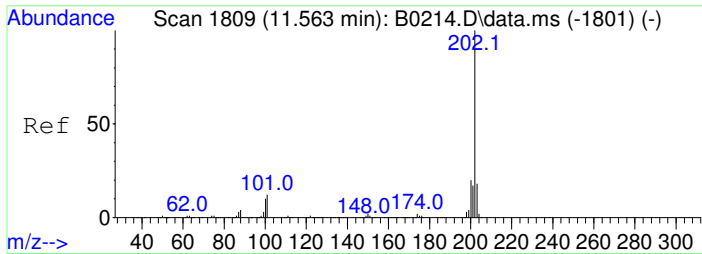
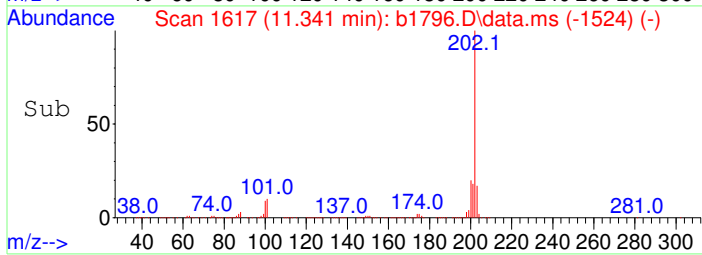
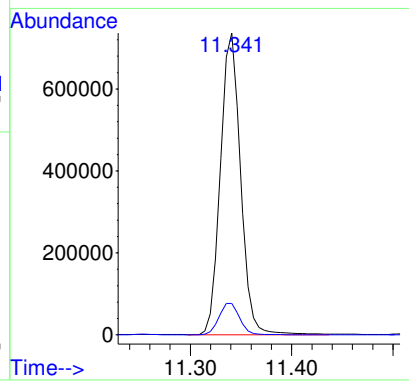
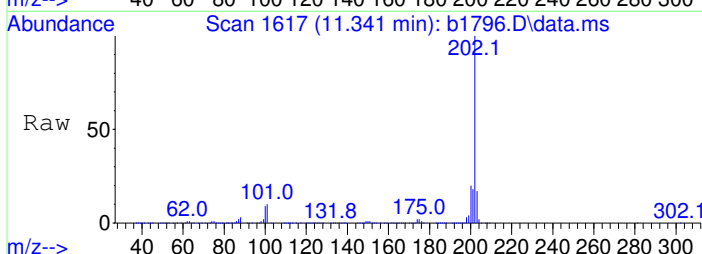
Tgt Ion:149 Resp: 901078
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.4 4.1 6.1





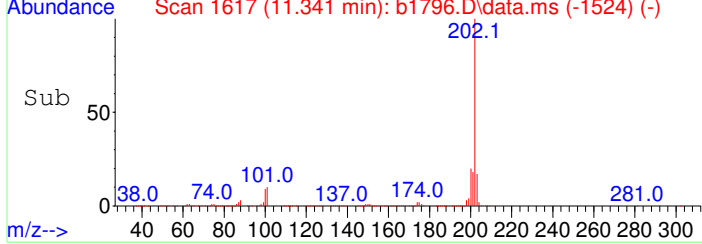
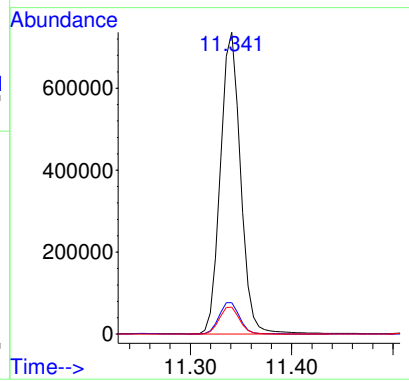
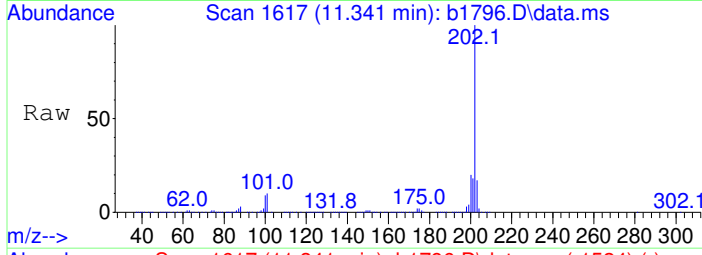
#72
Fluoranthene
Concen: 49.78 ug
RT: 11.341 min Scan# 1617
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

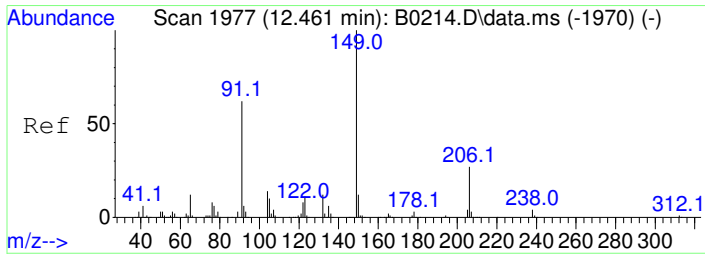
Tgt	Ion:202	Resp:	1016567
Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.3	13.9



#74
Pyrene
Concen: 48.57 ug
RT: 11.341 min Scan# 1617
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

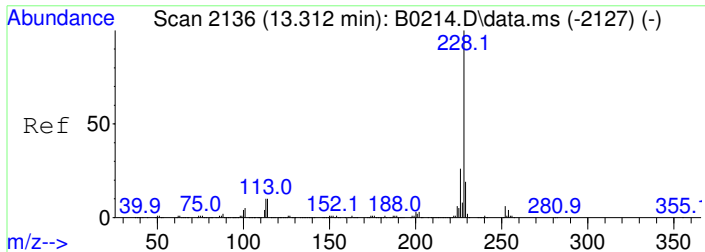
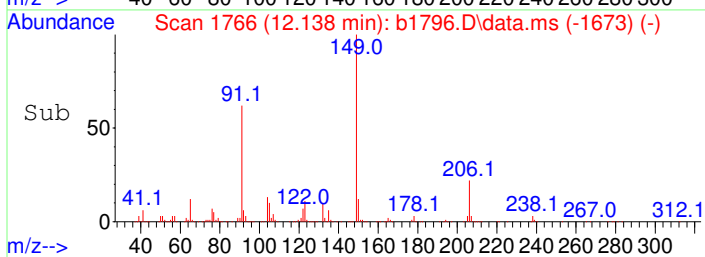
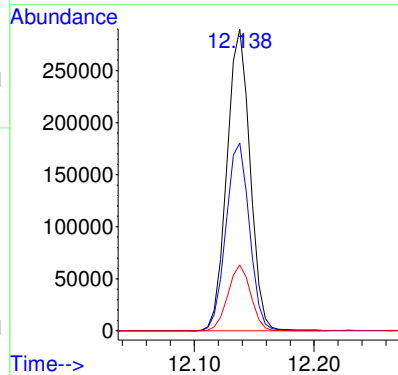
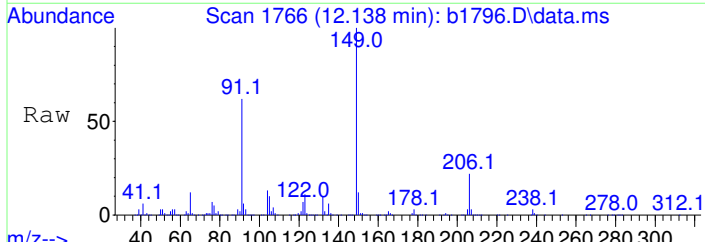
Tgt	Ion:202	Resp:	1016567
Ion	Ratio	Lower	Upper
202	100		
101	10.9	11.0	16.6#
100	9.2	8.9	13.3





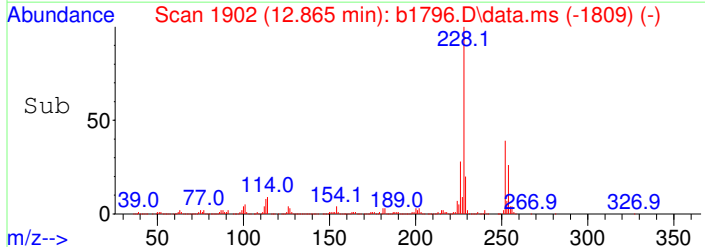
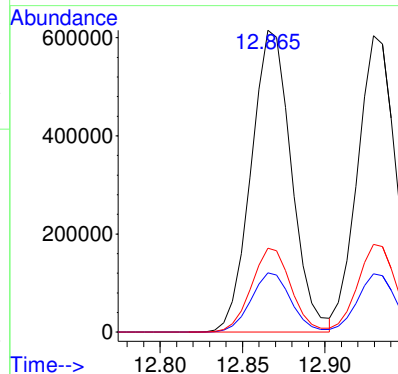
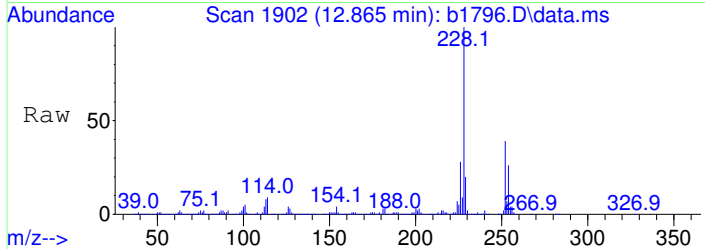
#76
Butylbenzylphthalate
Concen: 48.83 ug
RT: 12.138 min Scan# 1766
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

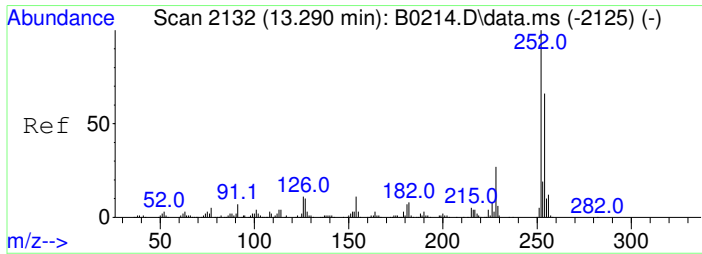
Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.6	48.0	72.0
206	21.6	21.6	32.4



#77
Benzo[a]anthracene
Concen: 49.14 ug
RT: 12.865 min Scan# 1902
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

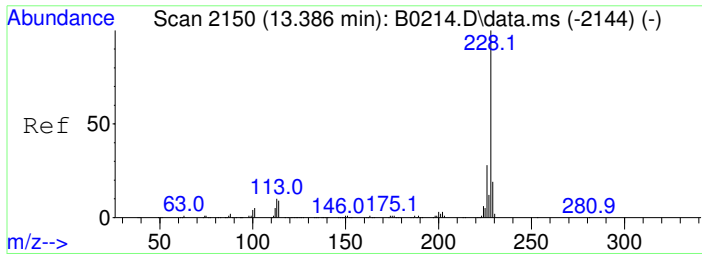
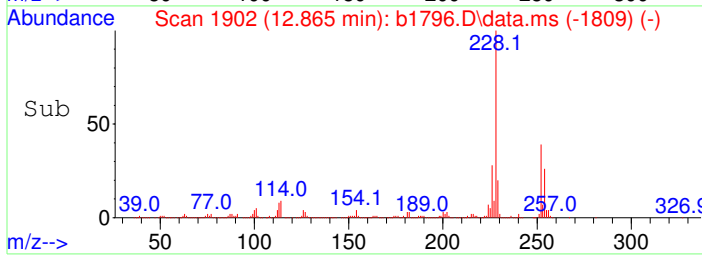
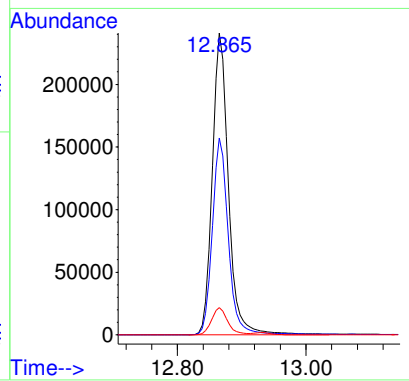
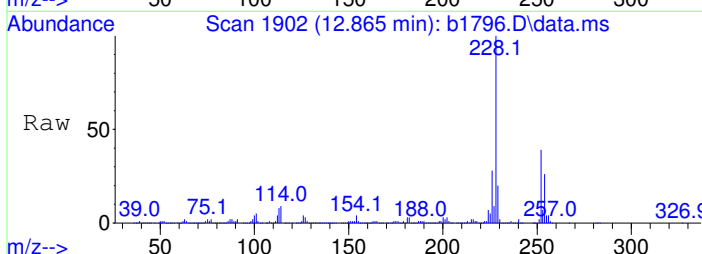
Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	27.2	21.5	32.3





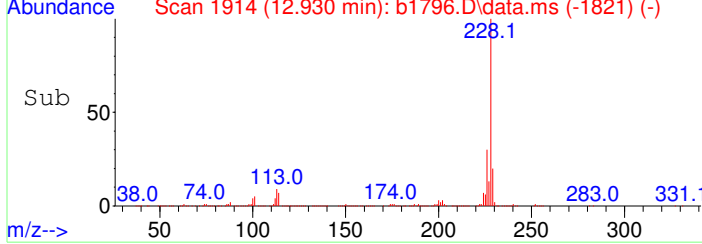
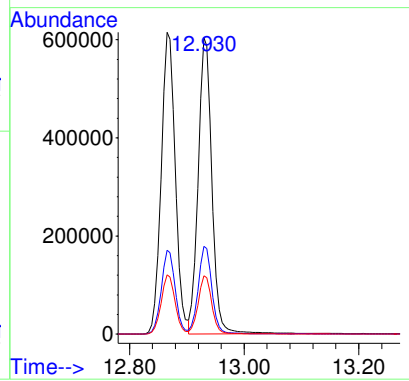
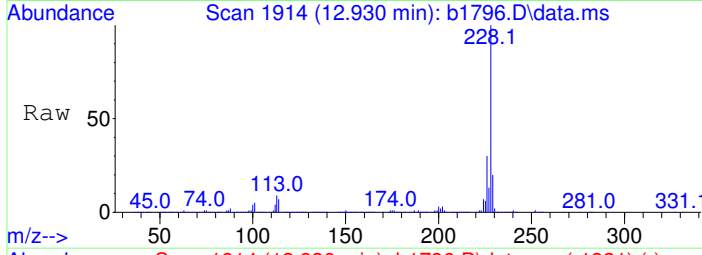
#78
 3,3'-Dichlorobenzidine
 Concen: 49.90 ug
 RT: 12.865 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

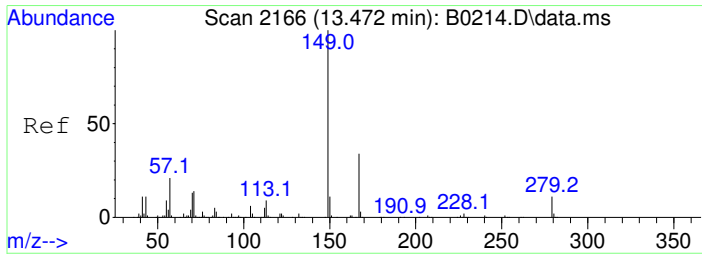
Tgt Ion:	252	Resp:	421797
Ion Ratio	100	Lower	Upper
252	100		
254	64.7	50.6	75.8
126	9.0	8.0	12.0



#79
 Chrysene
 Concen: 49.08 ug
 RT: 12.930 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

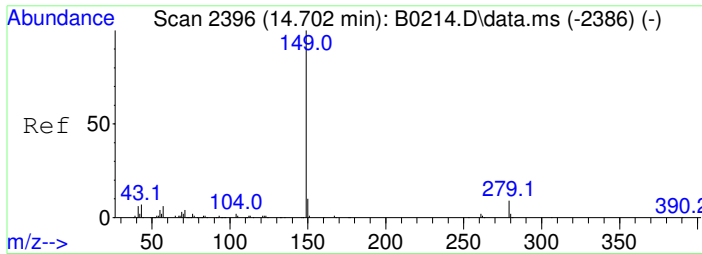
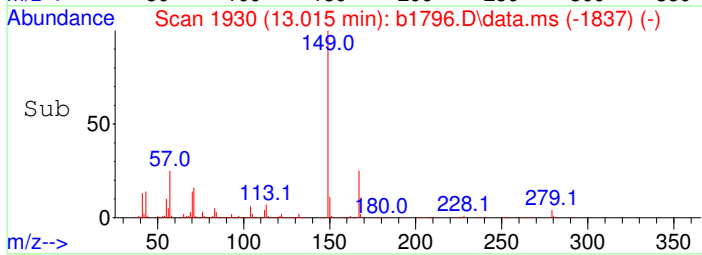
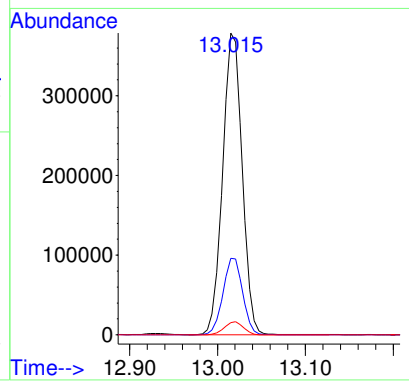
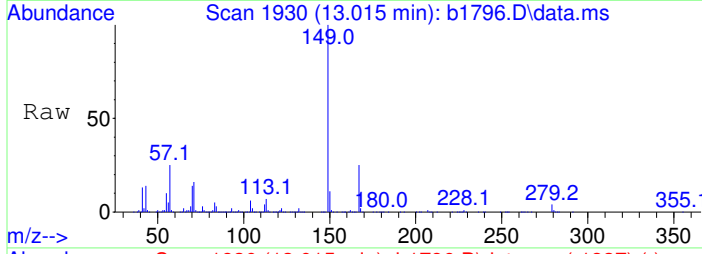
Tgt Ion:	228	Resp:	1004689
Ion Ratio	100	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.3	15.5	23.3





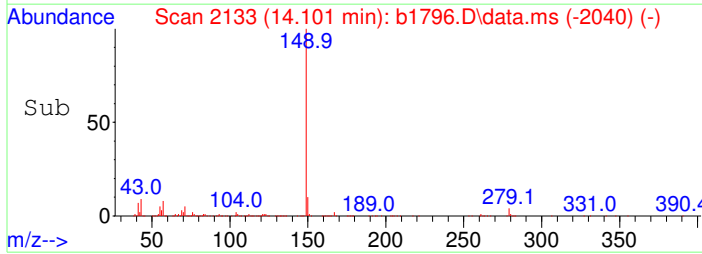
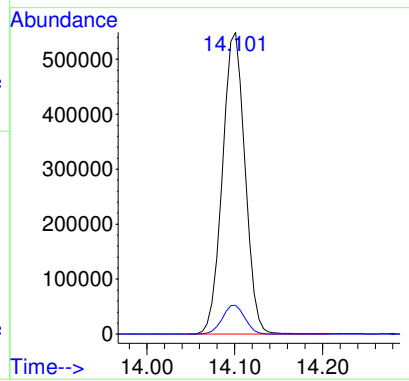
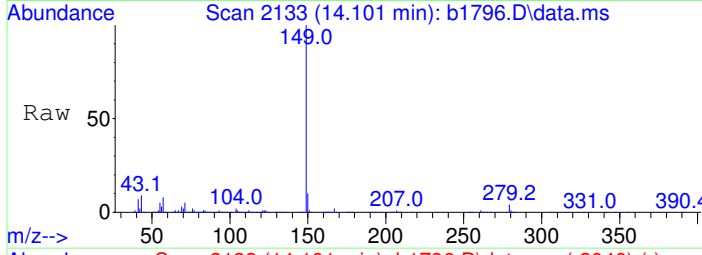
#80
bis(2-Ethylhexyl)phtha
Concen: 48.63 ug
RT: 13.015 min Scan# 1930
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

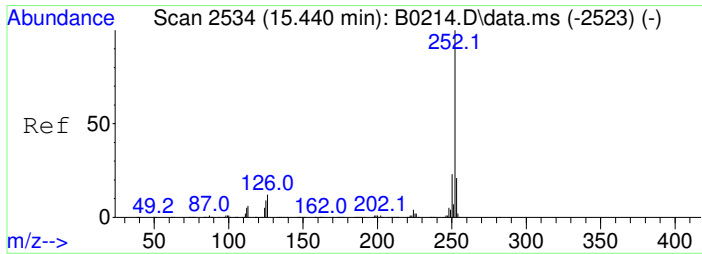
Tgt	Ion:149	Resp:	584922
Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.4	30.6
279	4.3	3.4	5.2



#82
Di-n-octylphthalate
Concen: 47.95 ug
RT: 14.101 min Scan# 2133
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

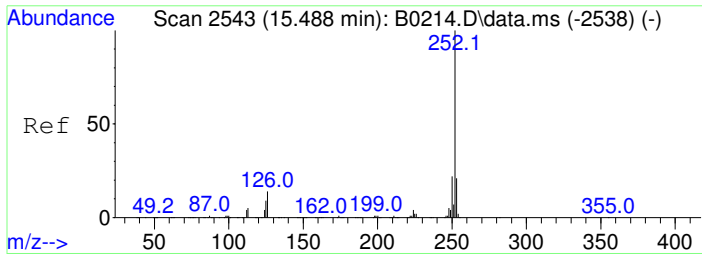
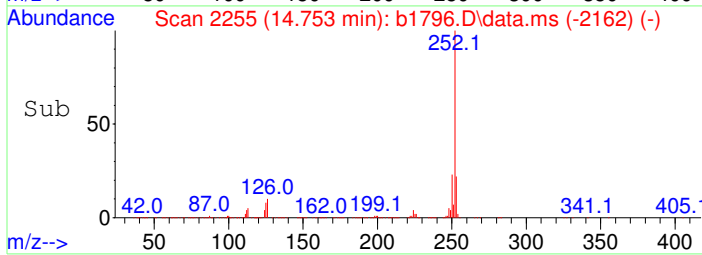
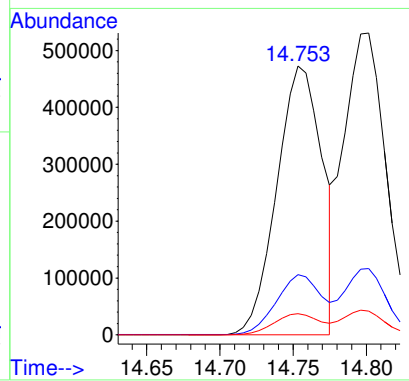
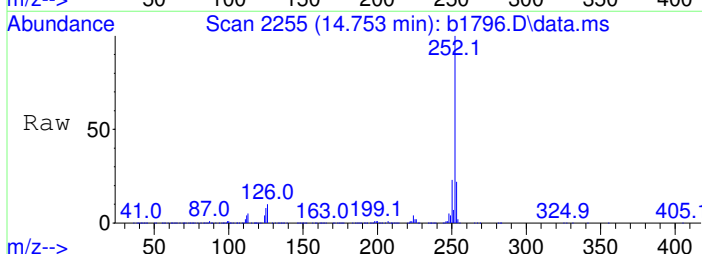
Tgt	Ion:149	Resp:	979299
Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.9	13.3





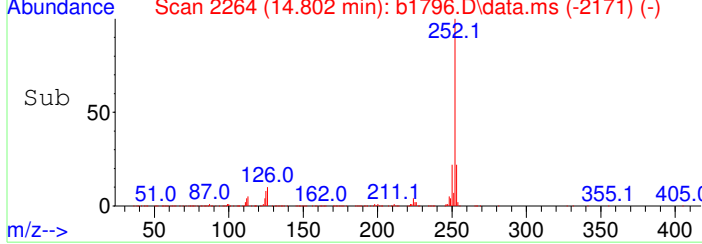
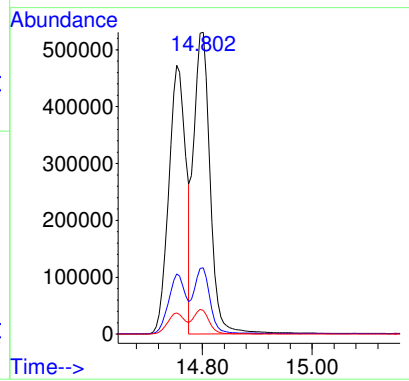
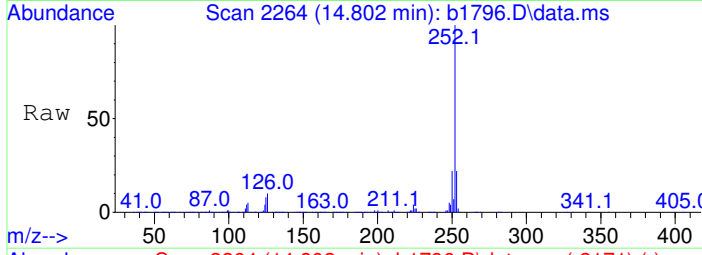
#83
Benzo[b]fluoranthene
Concen: 47.22 ug
RT: 14.753 min Scan# 2255
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

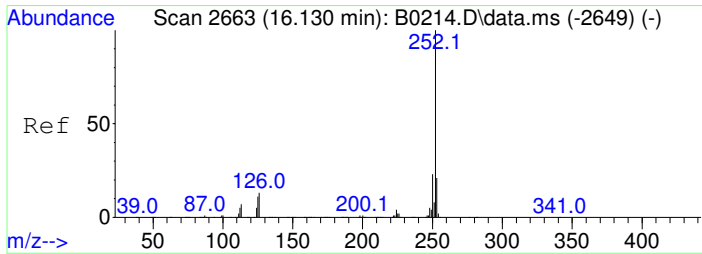
Tgt	Ion	252	253	125
Resp	1016228			
Ion	Ratio	100	22.2	8.1
	Lower		17.5	6.6
	Upper		26.3	9.8



#84
Benzo[k]fluoranthene
Concen: 50.67 ug
RT: 14.802 min Scan# 2264
Delta R.T. 0.000 min
Lab File: b1796.D
Acq: 19 Jul 2024 7:59 am

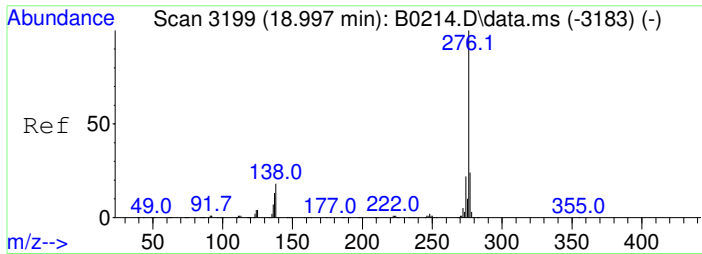
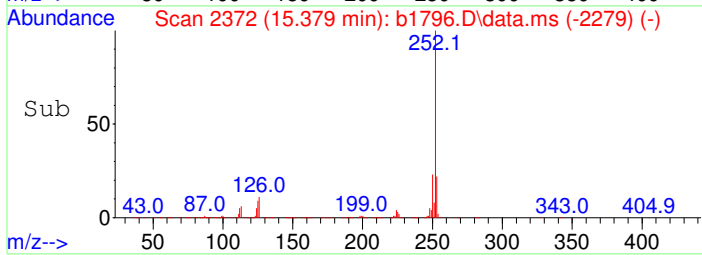
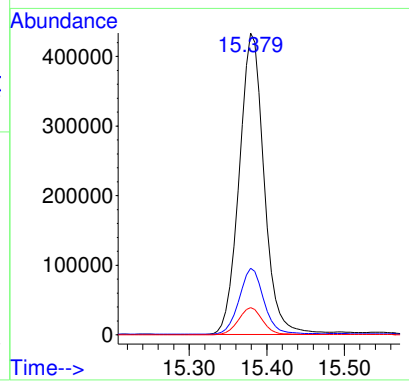
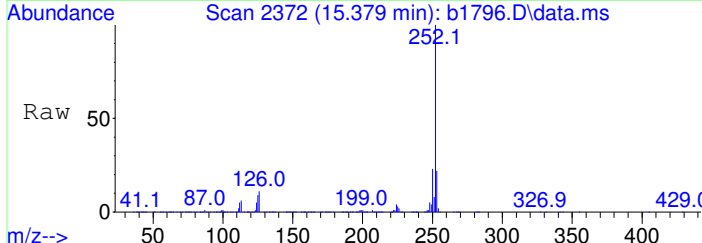
Tgt	Ion	252	253	125
Resp	1101334			
Ion	Ratio	100	21.4	7.8
	Lower		17.7	6.6
	Upper		26.5	9.8





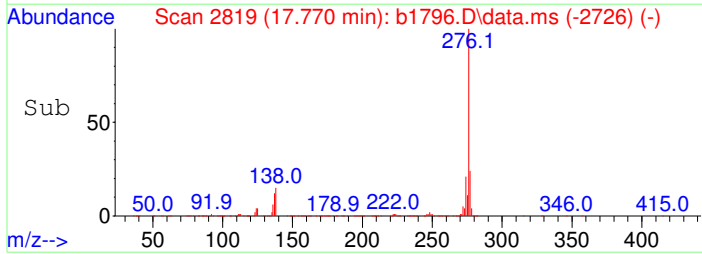
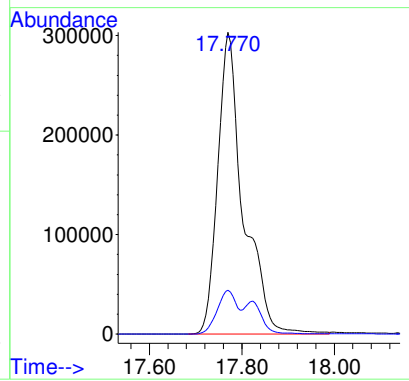
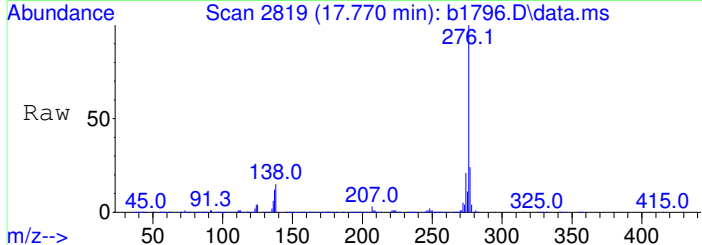
#85
 Benzo[a]pyrene
 Concen: 48.73 ug
 RT: 15.379 min Scan# 2372
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

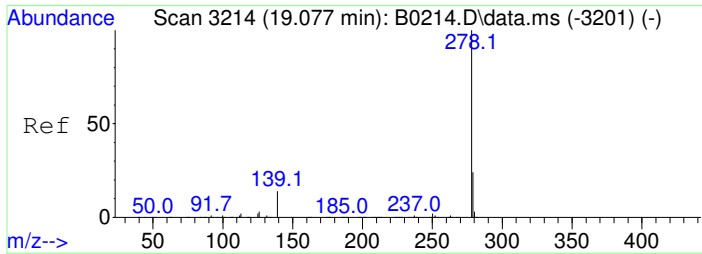
Tgt Ion:252	Resp: 962958
Ion Ratio	Lower Upper
252 100	
253 21.6	17.6 26.4
125 9.0	7.2 10.8



#86
 Indeno[1,2,3-cd]pyrene
 Concen: 59.31 ug
 RT: 17.770 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

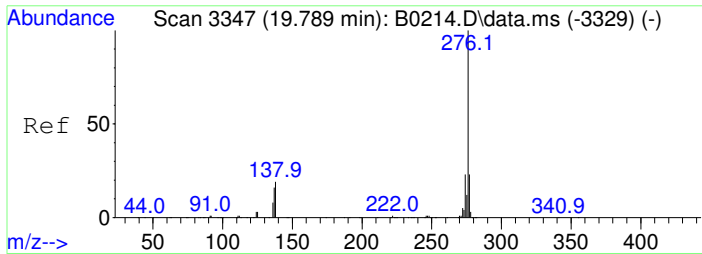
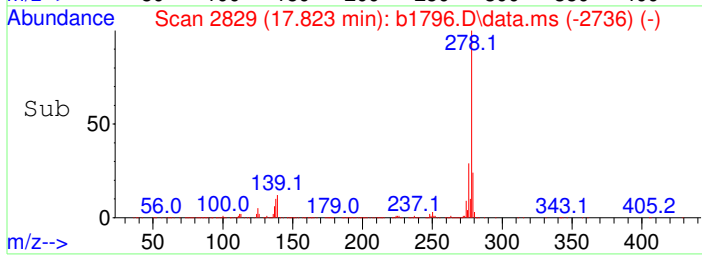
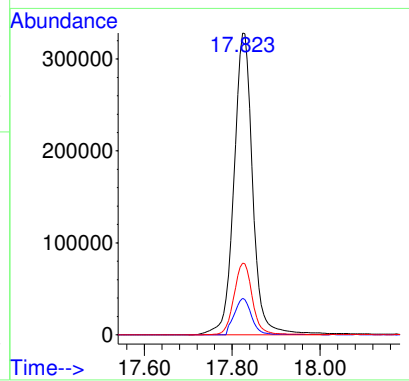
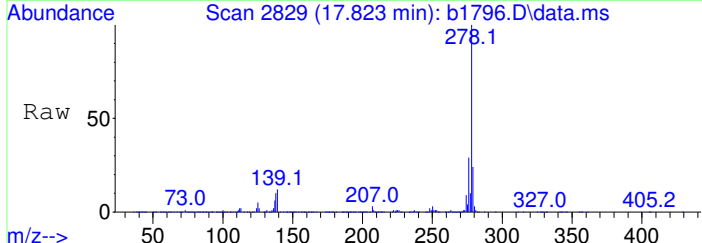
Tgt Ion:276	Resp: 1161411
Ion Ratio	Lower Upper
276 100	
138 11.2	11.8 17.8#





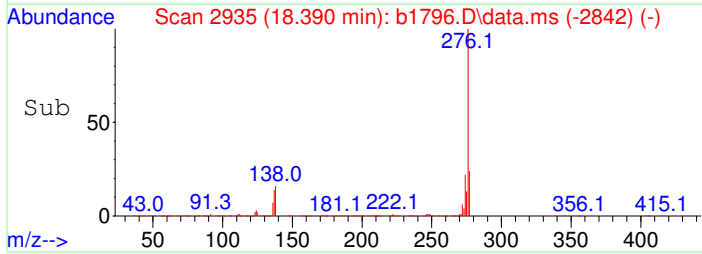
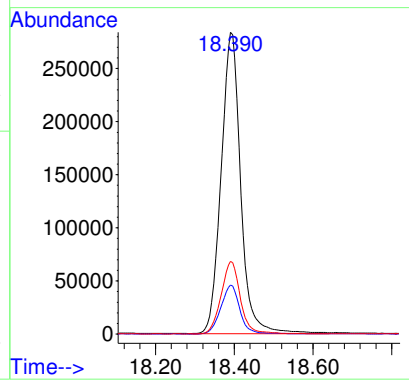
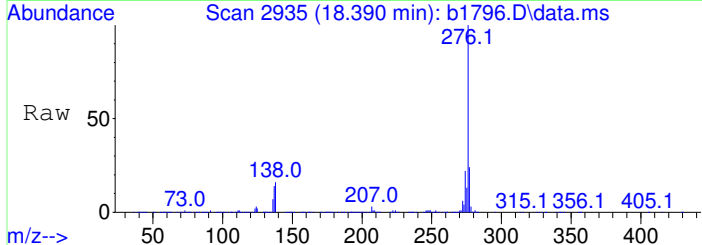
#87
 Dibenz[a,h]anthracene
 Concen: 48.70 ug
 RT: 17.823 min Scan# 2829
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

Tgt	Ion:278	Resp:	974018
Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.4	14.2
279	23.6	18.9	28.3



#88
 Benzo[g,h,i]perylene
 Concen: 48.93 ug
 RT: 18.390 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: b1796.D
 Acq: 19 Jul 2024 7:59 am

Tgt	Ion:276	Resp:	978999
Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.0	22.6
277	23.9	18.3	27.5



Data Path : D:\2\data\071924\
 Data File : b1798.D
 Acq On : 19 Jul 2024 9:05 am
 Operator :
 Sample : sstd080
 Misc : ICAL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 14:12:09 2024
 Quant Method : C:\msdchem\2\qtmethd-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

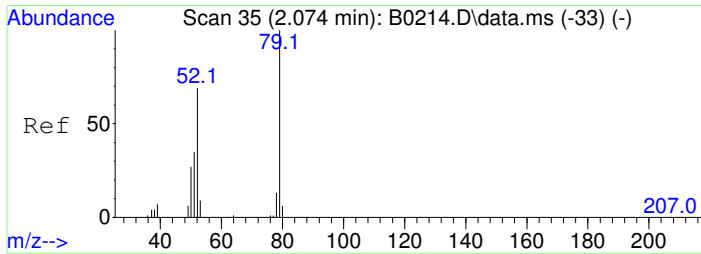
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	155945	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	601018	40.00	ug	0.00
37) Acenaphthene-d10	8.453	164	378828	40.00	ug	0.00
58) Phenanthrene-d10	9.902	188	781217	40.00	ug	0.00
73) Chrysene-d12	12.892	240	744915	40.00	ug	0.00
81) Perylene-d12	15.497	264	830509	40.00	ug	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.383	112	401940	81.42	ug	0.00
3) Phenol-d5	5.276	99	392454	83.90	ug	0.00
22) Nitrobenzene-d5	6.051	82	412250	79.75	ug	0.00
42) 2-Fluorobiphenyl	7.790	172	1069635	79.56	ug	0.00
61) 2,4,6-Tribromophenol	9.250	330	251166	82.07	ug	0.00
75) Terphenyl-d14	11.512	244	1704042	79.75	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.960	79	350601	82.11	ug	93
5) n-Nitrosodimethylamine	2.970	74	203663	80.04	ug	100
6) Benzaldehyde	5.083	77	311502	82.88	ug	88
7) Aniline	5.228	93	495368	81.98	ug	100
8) Phenol	5.286	94	456922	78.34	ug	# 84
9) bis(2-Chloroethyl)ether	5.276	93	367773	78.89	ug	96
10) 2-Chlorophenol	5.351	128	391615	81.18	ug	# 87
11) 1,3-Dichlorobenzene	5.458	146	453634	80.23	ug	99
12) 1,4-Dichlorobenzene	5.506	146	482884	78.62	ug	99
13) Benzyl alcohol	5.821	108	335015	77.30	ug	# 51
14) 1,2-Dichlorobenzene	5.682	146	449263	79.30	ug	98
15) 2-Methylphenol	5.821	108	335015	77.30	ug	96
16) bis(2-chloroisopropyl)	5.795	45	455277	78.93	ug	# 77
17) Acetophenone	5.902	105	643068	79.82	ug	97
18) 4-Methylphenol	5.966	108	398040	79.65	ug	93
19) n-Nitroso-di-n-propyla	5.928	70	267035	78.26	ug	95
20) Hexachloroethane	5.971	117	166555	79.09	ug	99
23) Nitrobenzene	6.067	77	459177	83.91	ug	98
24) Isophorone	6.287	82	515157	79.86	ug	99
25) 2-Nitrophenol	6.378	139	225110	80.10	ug	97
26) 2,4-Dimethylphenol	6.452	107	348381	81.98	ug	97
27) bis(2-Chloroethoxy)met	6.506	93	440517	79.99	ug	99
28) 2,4-Dichlorophenol	6.640	162	376812	80.19	ug	99
29) 1,2,4-Trichlorobenzene	6.682	180	458424	79.96	ug	100
30) Naphthalene	6.741	128	1207753	79.86	ug	99
31) Benzoic Acid	6.602	105	204965	66.66	ug	88
32) 4-Chloroaniline	6.827	127	508964	81.99	ug	99
33) Hexachlorobutadiene	6.912	225	298249	81.27	ug	99
34) Capralactam	7.158	113	105469	81.92	ug	100
35) 4-Chloro-3-methylphenol	7.351	107	337862	79.49	ug	# 1
36) 2-Methylnaphthalene	7.415	142	925372	78.28	ug	95
38) Hexachlorocyclopentadiene	7.634	237	314341	79.37	ug	98
39) 2,4,6-Trichlorophenol	7.741	196	312962	82.03	ug	100
40) 2,4,5-Trichlorophenol	7.806	196	361123	81.24	ug	98
41) Biphenyl	7.881	154	1183530	79.36	ug	# 89
43) 2-Chloronaphthalene	7.891	162	900255	79.51	ug	97
44) 2-Nitroaniline	8.041	65	241604	79.82	ug	# 78
45) Dimethylphthalate	8.228	163	1013681	79.02	ug	# 96
46) Acenaphthylene	8.303	152	1198233	79.94	ug	99
47) 2,6-Dinitrotoluene	8.303	165	224690	80.72	ug	98
48) 3-Nitroaniline	8.453	138	226708	80.37	ug	# 28

Data Path : D:\2\data\071924\
 Data File : b1798.D
 Acq On : 19 Jul 2024 9:05 am
 Operator :
 Sample : sstd080
 Misc : ICAL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 14:12:09 2024
 Quant Method : C:\msdchem\2\qtmethd-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

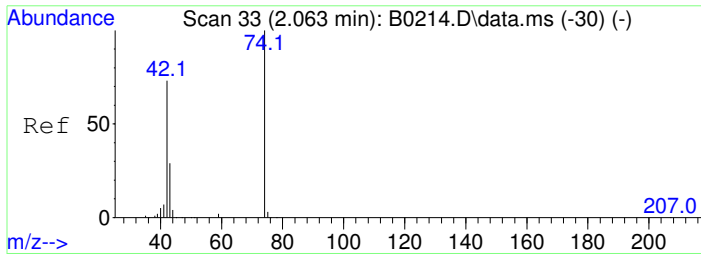
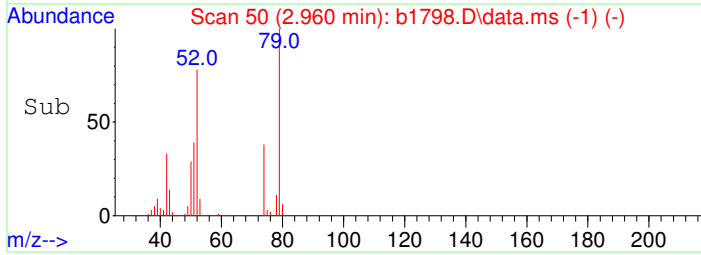
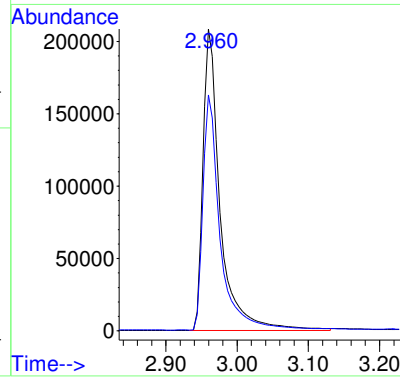
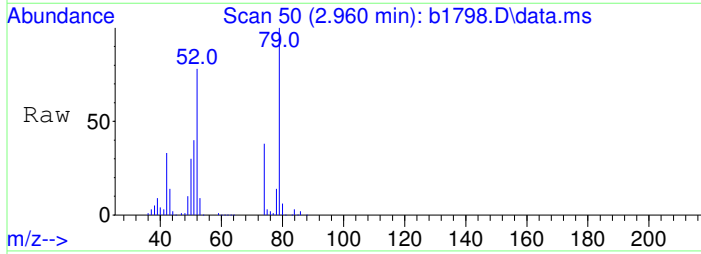
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
49) Acenaphthene	8.485	153	864266	79.14	ug	95
50) 2,4-Dinitrophenol	8.554	184	98164	74.20	ug	88
51) 4-Nitrophenol	8.715	109	107523	82.89	ug	94
52) Dibenzofuran	8.640	168	1301581	79.50	ug	92
53) 2,4-Dinitrotoluene	8.688	165	322877	81.62	ug	# 78
54) Diethylphthalate	8.924	149	1018442	79.64	ug	97
55) Fluorene	8.982	166	1023188	80.10	ug	95
56) 4-Chlorophenyl-phenyle	8.977	204	555423	80.04	ug	98
57) 4-Nitroaniline	9.068	138	224170	80.15	ug	92
59) 4,6-Dinitro-2-methylph	9.095	198	196310	84.53	ug	100
60) n-Nitrosodiphenylamine	9.111	169	746611	80.51	ug	90
62) Azobenzene	9.132	77	989909	79.96	ug	# 81
63) 4-Bromophenyl-phenylether	9.458	248	382506	79.97	ug	95
64) Hexachlorobenzene	9.603	284	491535	80.13	ug	# 90
65) Atrazine	9.667	200	361185	81.44	ug	99
66) Pentachlorophenol	9.806	266	200838	82.06	ug	96
67) Phenanthrene	9.924	178	1542768	80.72	ug	100
68) Anthracene	9.972	178	1461536	78.25	ug	99
69) Benzidine	11.256	184	612397	79.16	ug	# 97
70) Carbazole	10.148	167	1421105	79.44	ug	100
71) Di-n-butylphthalate	10.523	149	1730858	80.64	ug	99
72) Fluoranthene	11.341	202	1892053	79.14	ug	97
74) Pyrene	11.341	202	1892053	79.19	ug	# 94
76) Butylbenzylphthalate	12.138	149	725325	79.50	ug	93
77) Benzo[a]anthracene	12.871	228	1927709	79.35	ug	100
78) 3,3'-Dichlorobenzidine	12.865	252	768946	79.69	ug	99
79) Chrysene	12.935	228	1834210	78.49	ug	100
80) bis(2-Ethylhexyl)phtha	13.015	149	1091922	79.53	ug	99
82) Di-n-octylphthalate	14.101	149	1811586	80.36	ug	96
83) Benzo[b]fluoranthene	14.759	252	1871880	78.80	ug	100
84) Benzo[k]fluoranthene	14.807	252	1932211	80.54	ug	99
85) Benzo[a]pyrene	15.385	252	1732212	79.41	ug	99
86) Indeno[1,2,3-cd]pyrene	17.776	276	2064731	95.52	ug	# 93
87) Dibenz[a,h]anthracene	17.834	278	1733810	78.52	ug	99
88) Benzo[g,h,i]perylene	18.401	276	1732417	78.43	ug	96

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



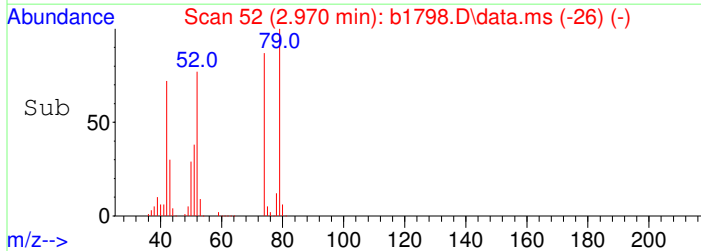
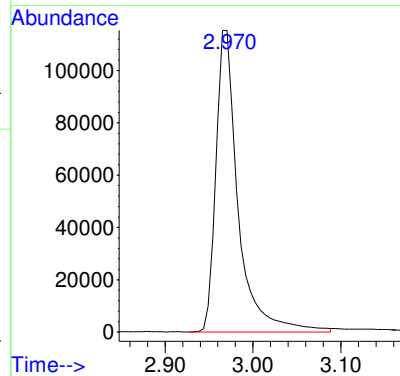
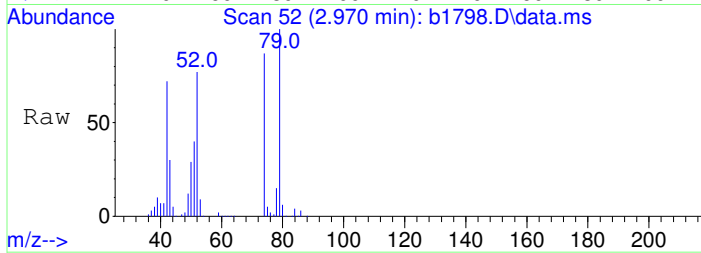
#4
Pyridine
Concen: 82.11 ug
RT: 2.960 min Scan# 50
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

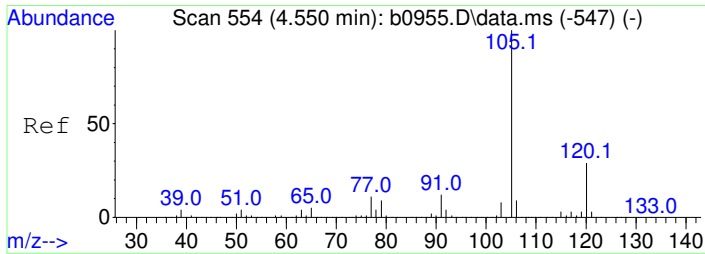
Tgt Ion: 79 Resp: 350601
Ion Ratio Lower Upper
79 100
52 77.6 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 80.04 ug
RT: 2.970 min Scan# 52
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

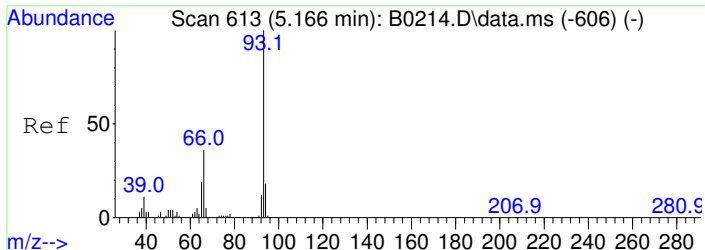
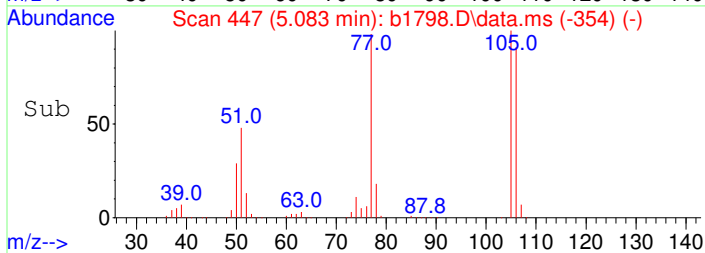
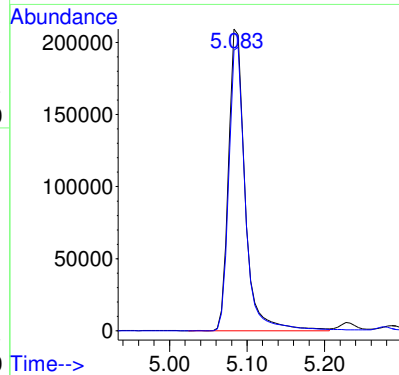
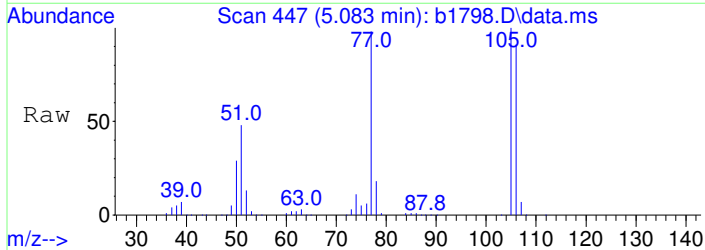
Tgt Ion: 74 Resp: 203663





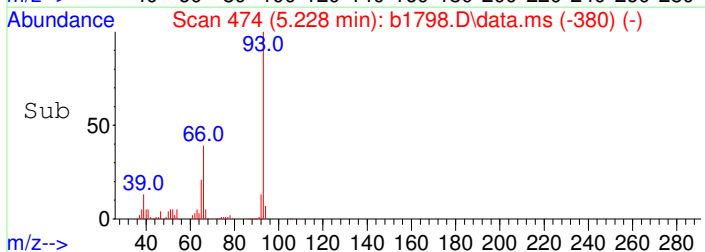
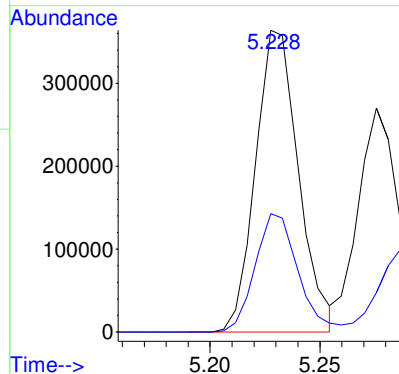
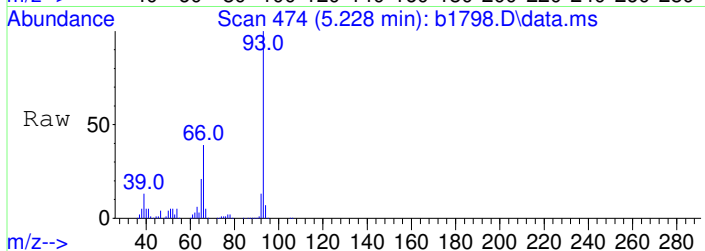
#6
Benzaldehyde
Concen: 82.88 ug
RT: 5.083 min Scan# 447
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

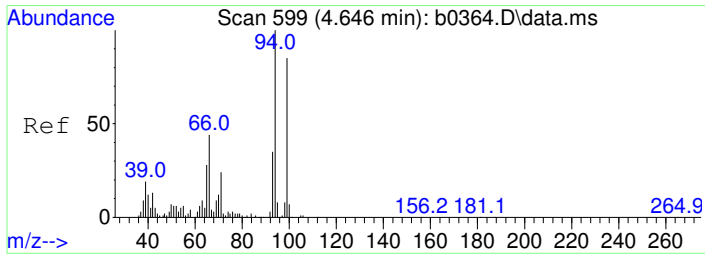
Tgt Ion: 77 Resp: 311502
Ion Ratio Lower Upper
77 100
106 94.7 86.2 129.2



#7
Aniline
Concen: 81.98 ug
RT: 5.228 min Scan# 474
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

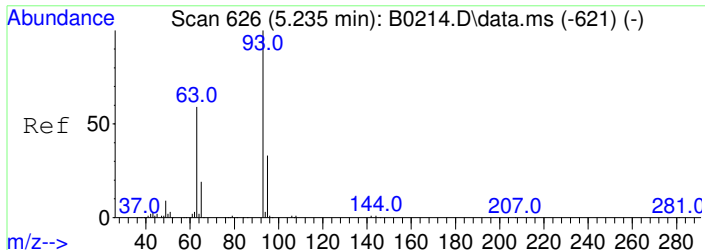
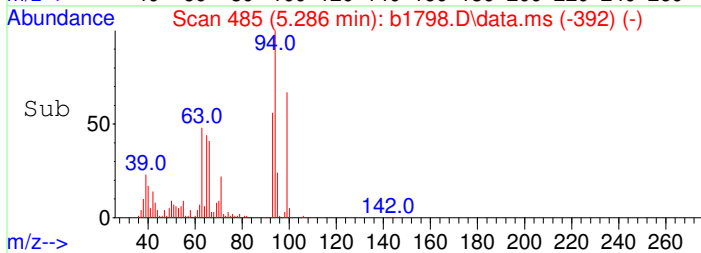
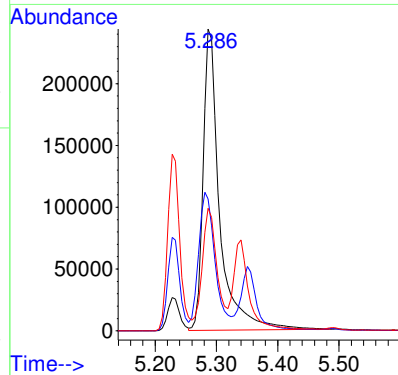
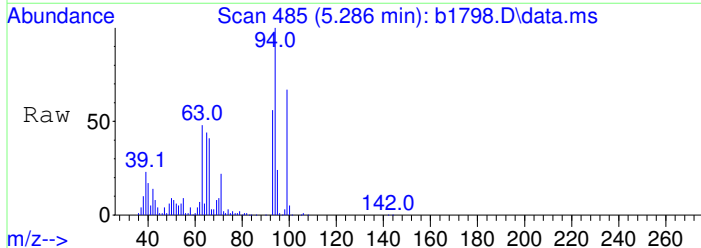
Tgt Ion: 93 Resp: 495368
Ion Ratio Lower Upper
93 100
66 39.2 31.4 47.2





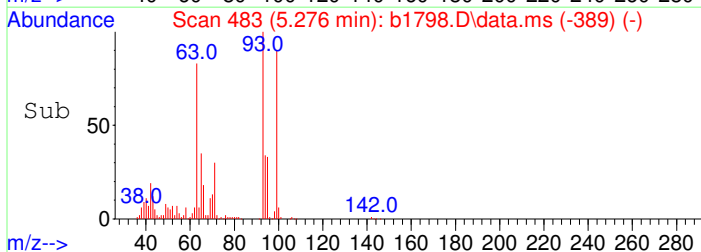
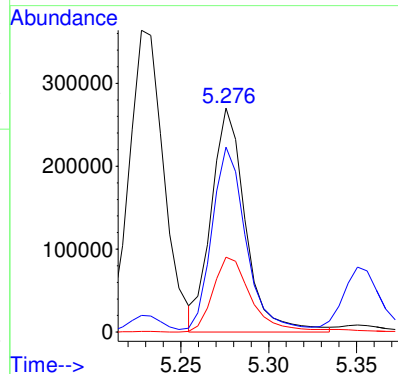
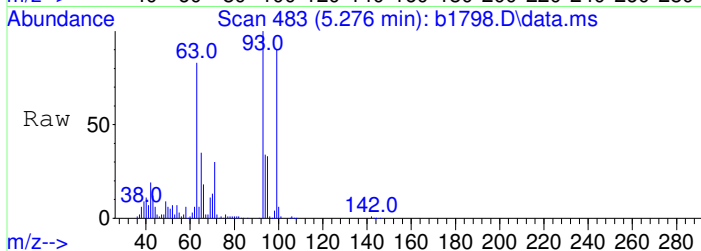
#8
Phenol
Concen: 78.34 ug
RT: 5.286 min Scan# 485
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

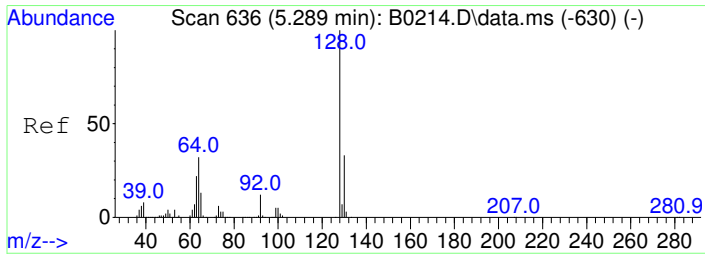
Tgt Ion	Ratio	Lower	Upper
94	100		
65	46.1	25.7	38.5#
66	36.7	33.5	50.3



#9
bis(2-Chloroethyl)ether
Concen: 78.89 ug
RT: 5.276 min Scan# 483
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

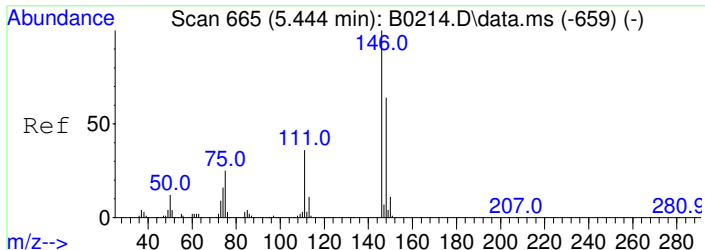
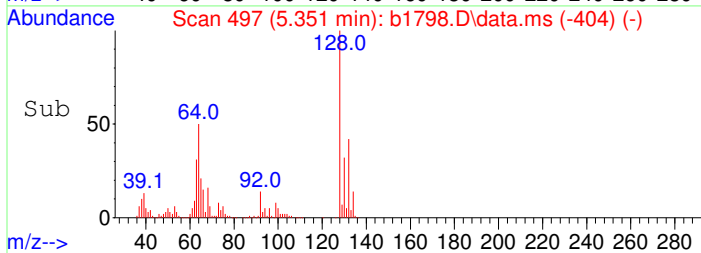
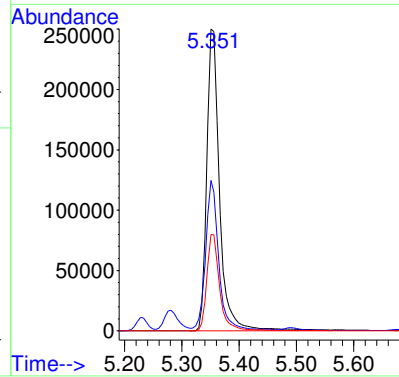
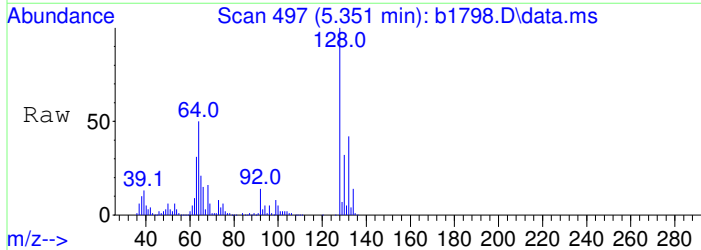
Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.6	67.0	100.4
95	36.7	24.8	37.2





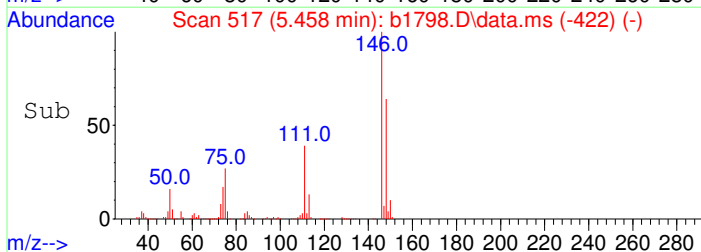
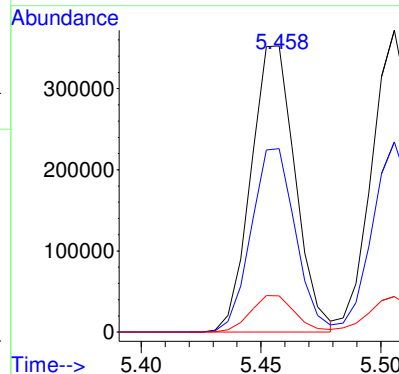
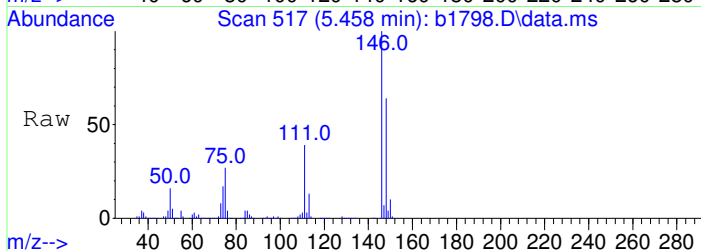
#10
2-Chlorophenol
Concen: 81.18 ug
RT: 5.351 min Scan# 497
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

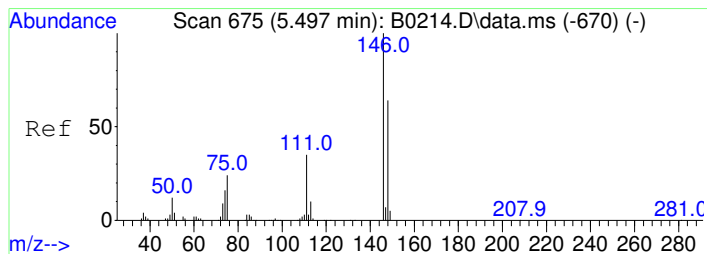
Tgt Ion	Ratio	Lower	Upper
128	100		
64	50.9	29.4	44.2#
130	31.8	25.9	38.9



#11
1,3-Dichlorobenzene
Concen: 80.23 ug
RT: 5.458 min Scan# 517
Delta R.T. 0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

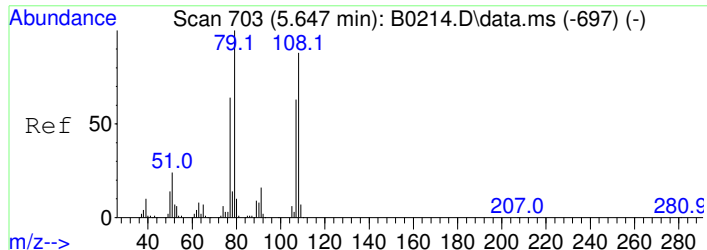
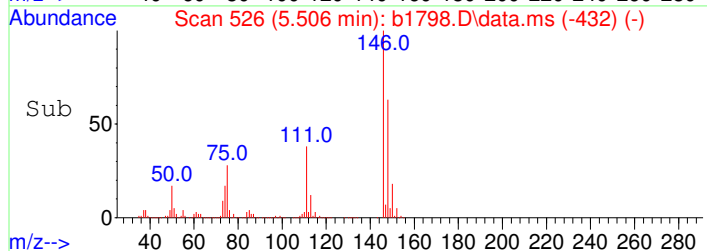
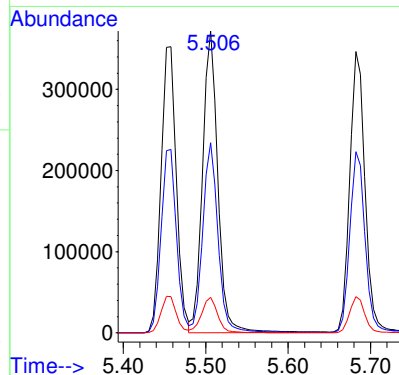
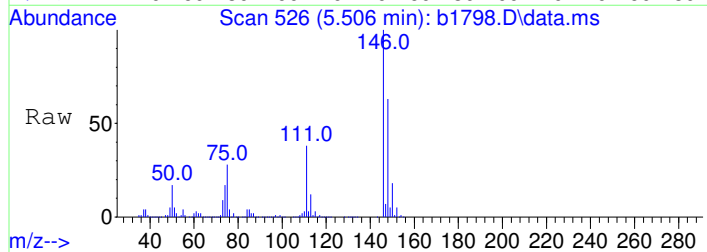
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
113	12.9	10.2	15.2





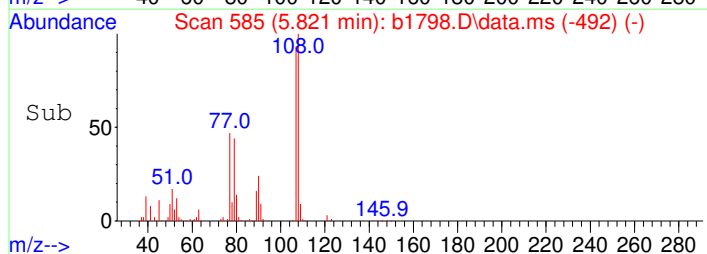
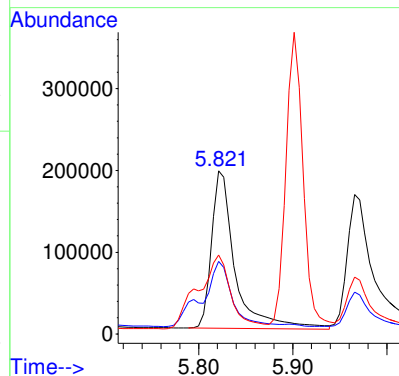
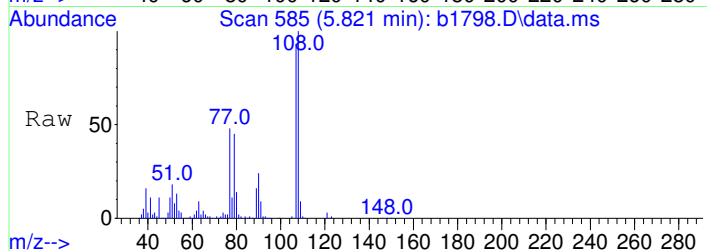
#12
 1,4-Dichlorobenzene
 Concen: 78.62 ug
 RT: 5.506 min Scan# 526
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

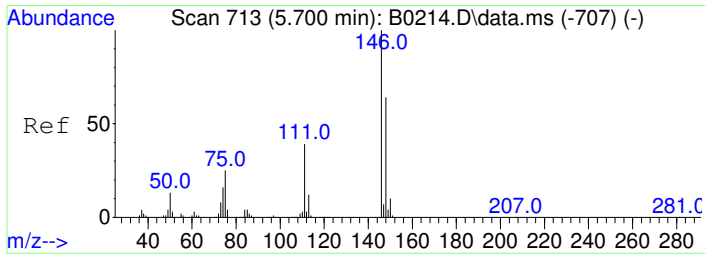
Tgt Ion:146	Resp:	482884
Ion Ratio	Lower	Upper
146	100	
148	63.3	51.0 76.6
113	12.3	9.9 14.9



#13
 Benzyl alcohol
 Concen: 77.30 ug
 RT: 5.821 min Scan# 585
 Delta R.T. -0.005 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

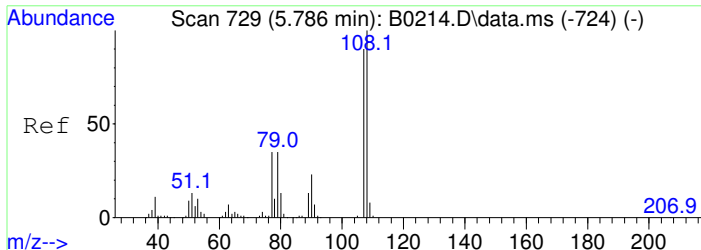
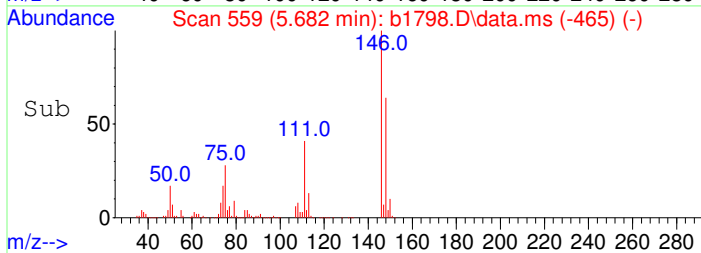
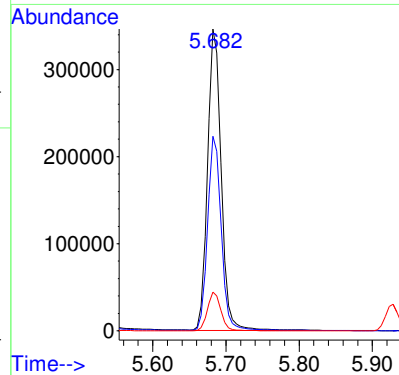
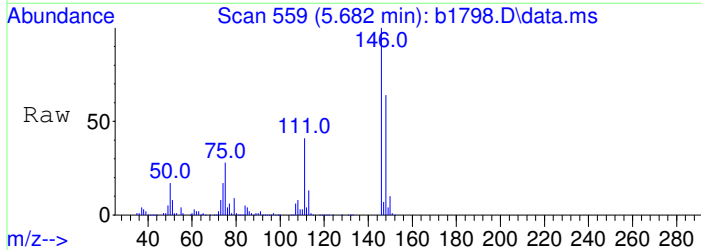
Tgt Ion:108	Resp:	335015
Ion Ratio	Lower	Upper
108	100	
79	36.9	98.0 147.0#
77	75.2	65.7 98.5





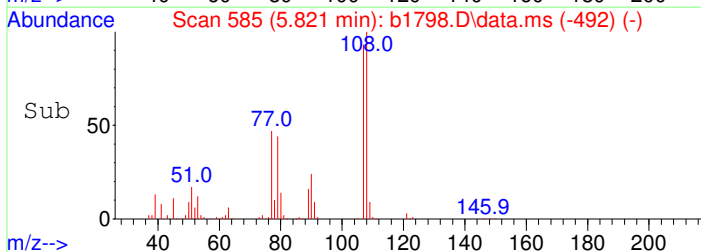
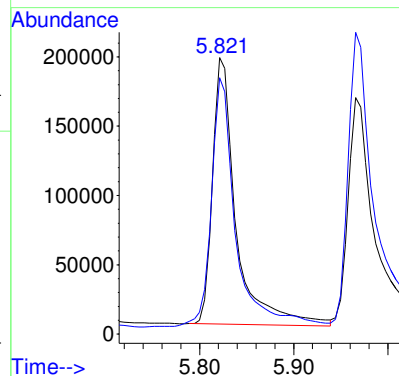
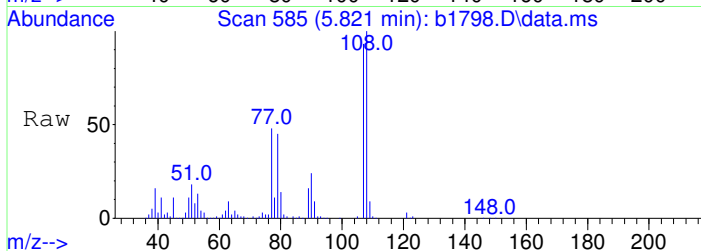
#14
1,2-Dichlorobenzene
Concen: 79.30 ug
RT: 5.682 min Scan# 559
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

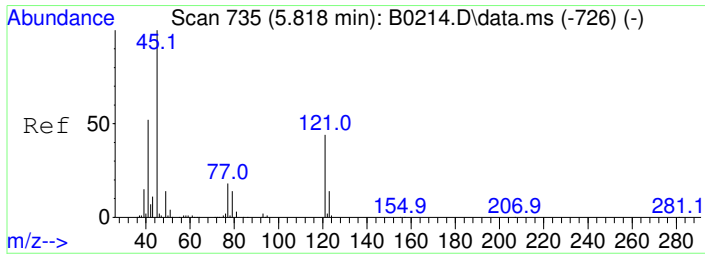
Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.0	50.7	76.1	
113	12.8	10.2	15.2	



#15
2-Methylphenol
Concen: 77.30 ug
RT: 5.821 min Scan# 585
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

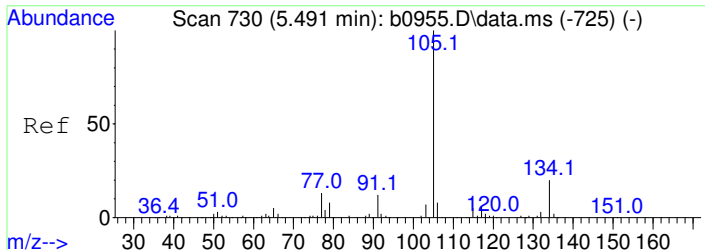
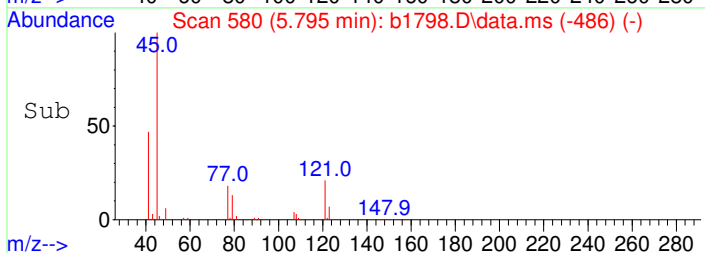
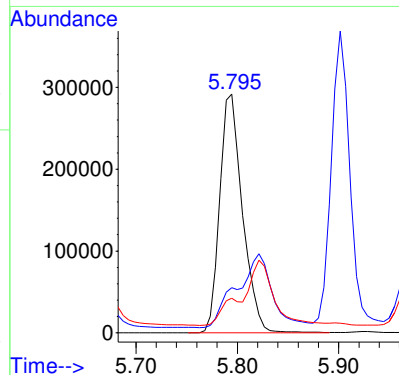
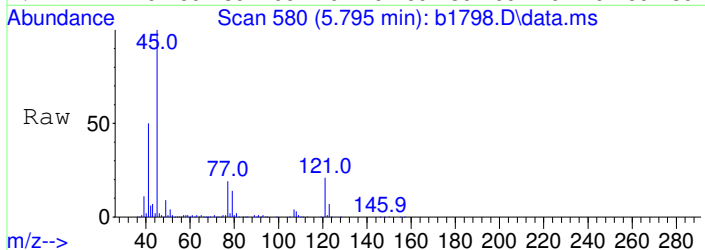
Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	96.8	74.0	111.0	





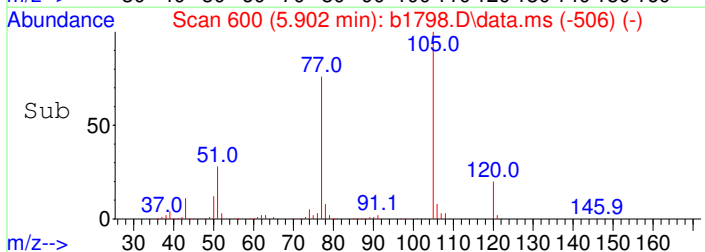
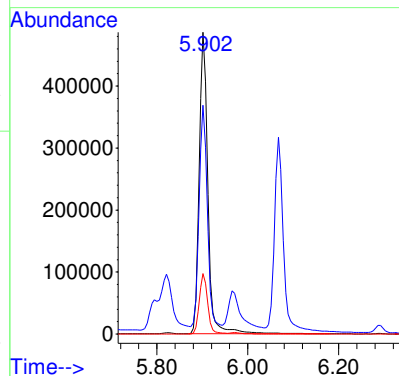
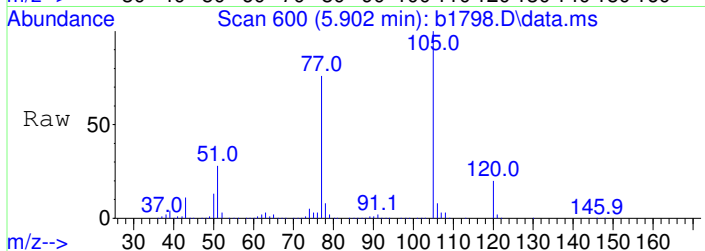
#16
bis(2-chloroisopropyl)
Concen: 78.93 ug
RT: 5.795 min Scan# 580
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

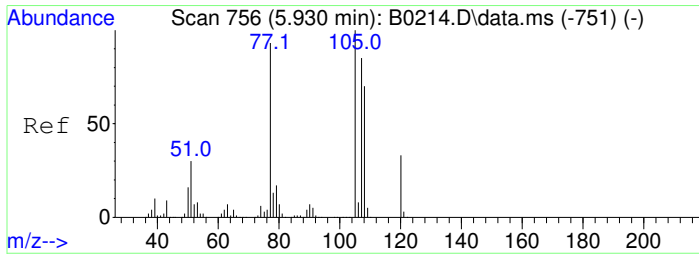
Tgt Ion:	45	Resp:	455277
Ion Ratio	Lower	Upper	
45	100		
77	0.0	11.9	17.9#
79	11.7	8.1	12.1



#17
Acetophenone
Concen: 79.82 ug
RT: 5.902 min Scan# 600
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

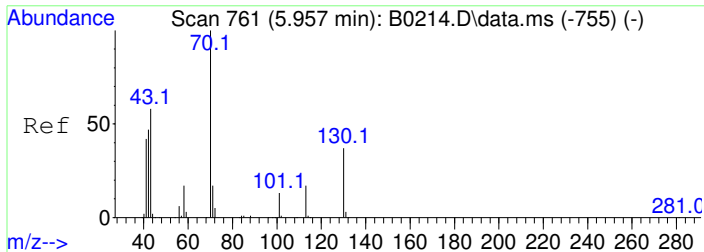
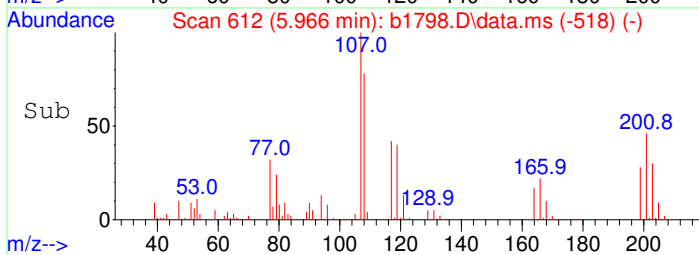
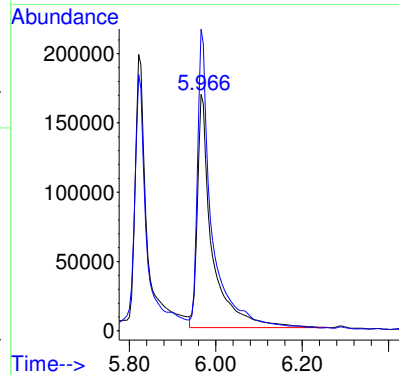
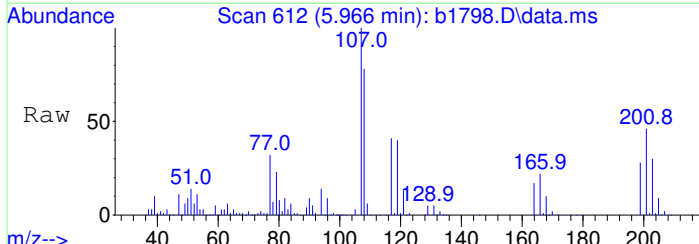
Tgt Ion:	105	Resp:	643068
Ion Ratio	Lower	Upper	
105	100		
77	76.0	63.0	94.4
120	19.4	16.1	24.1





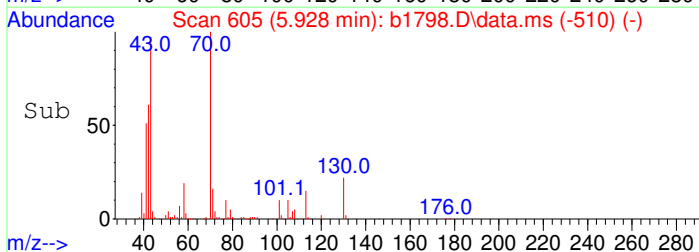
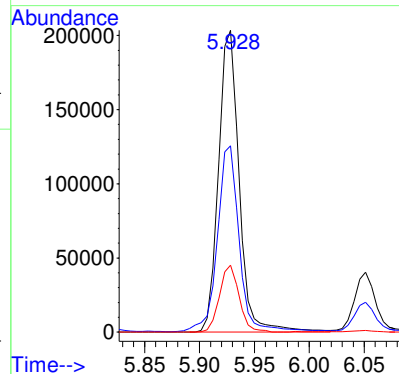
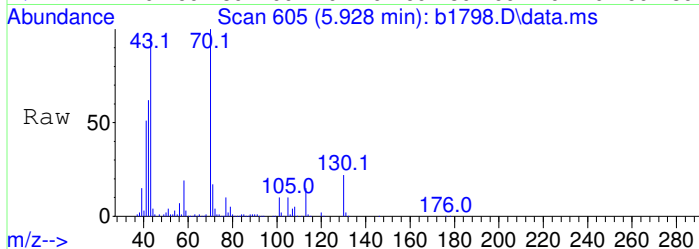
#18
4-Methylphenol
Concen: 79.65 ug
RT: 5.966 min Scan# 612
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

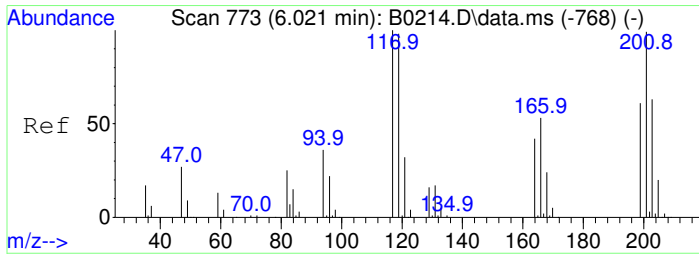
Tgt Ion	Ratio	Lower	Upper
108	100		
107	117.7	100.8	151.2



#19
n-Nitroso-di-n-propyla
Concen: 78.26 ug
RT: 5.928 min Scan# 605
Delta R.T. 0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

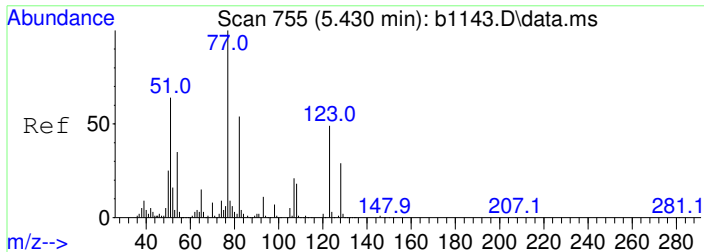
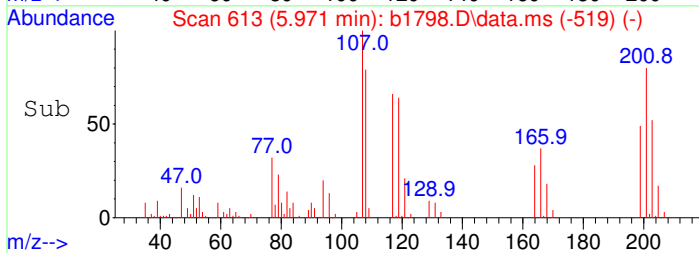
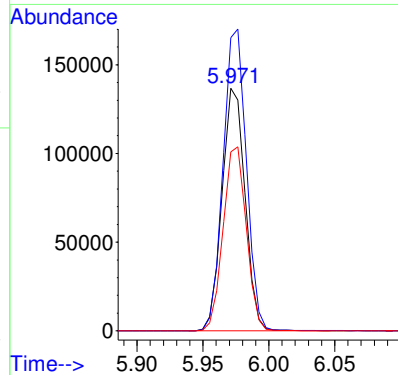
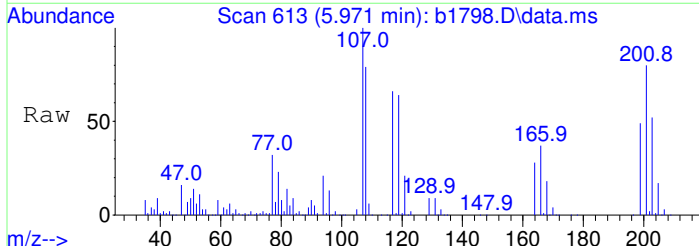
Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.8	55.4	83.2
130	21.0	16.2	24.4





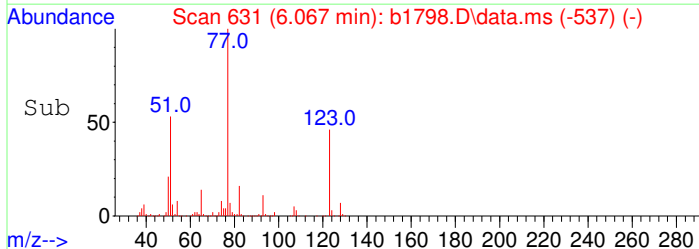
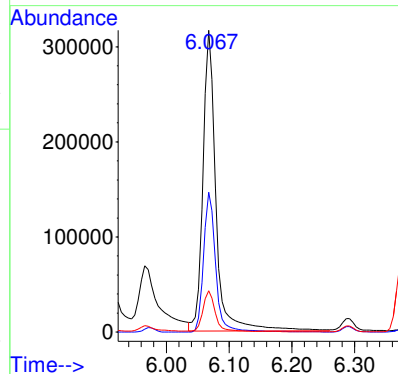
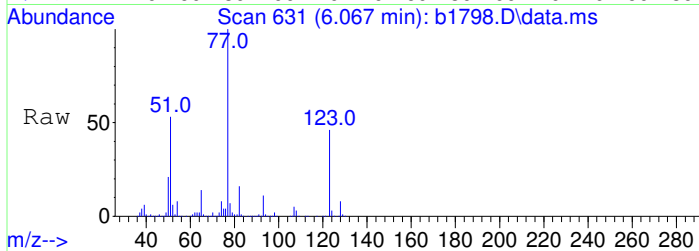
#20
Hexachloroethane
Concen: 79.09 ug
RT: 5.971 min Scan# 613
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

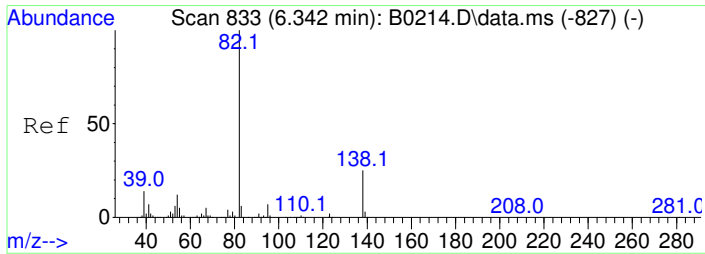
Tgt Ion	Ratio	Lower	Upper
117	100		
201	125.6	100.1	150.1
199	76.2	60.1	90.1



#23
Nitrobenzene
Concen: 83.91 ug
RT: 6.067 min Scan# 631
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

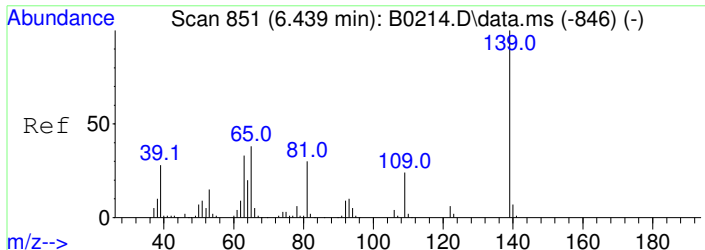
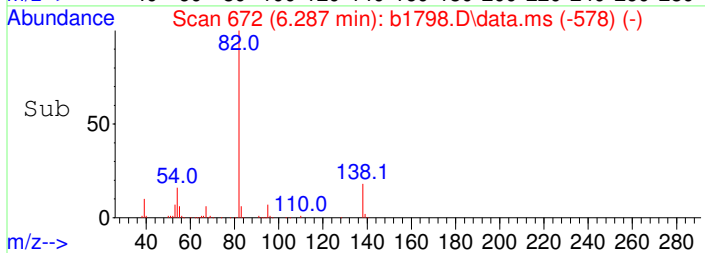
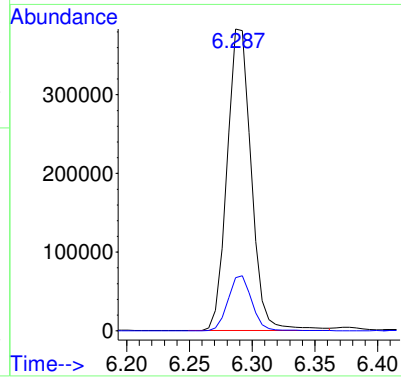
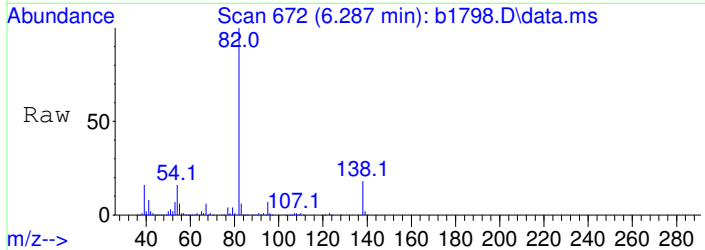
Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	35.2	52.8
65	12.5	11.2	16.8





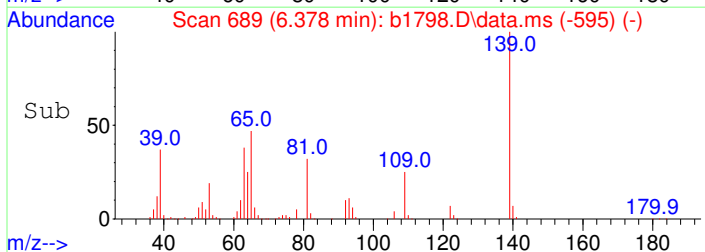
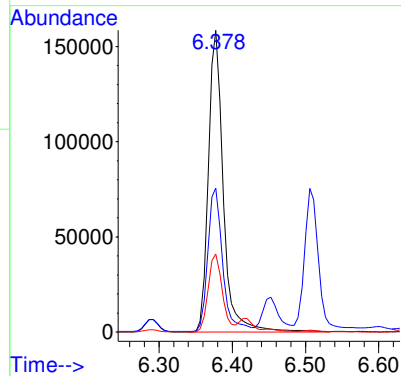
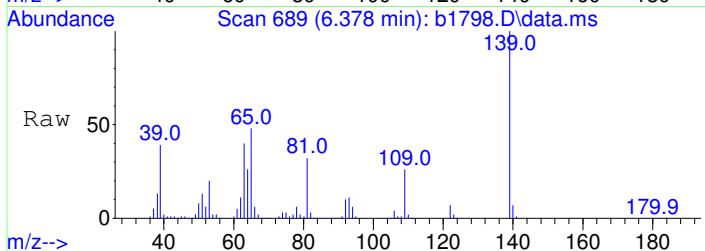
#24
Isophorone
Concen: 79.86 ug
RT: 6.287 min Scan# 672
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

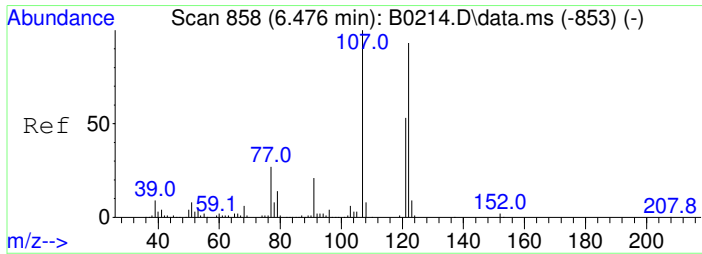
Tgt Ion: 82 Resp: 515157
Ion Ratio Lower Upper
82 100
138 18.1 14.2 21.2



#25
2-Nitrophenol
Concen: 80.10 ug
RT: 6.378 min Scan# 689
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

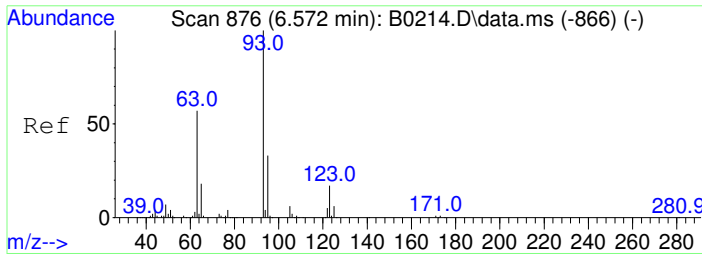
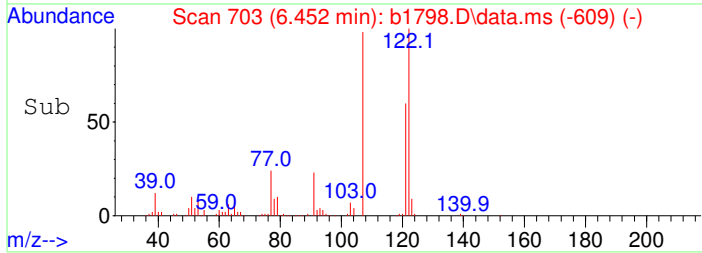
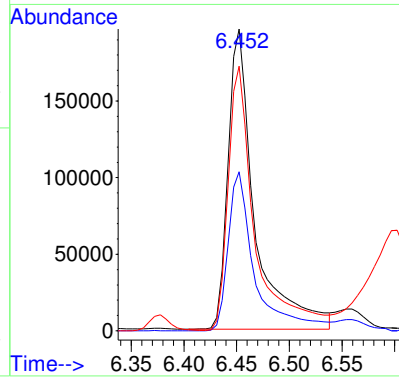
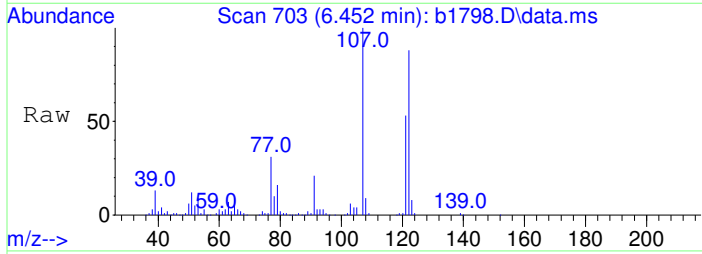
Tgt Ion: 139 Resp: 225110
Ion Ratio Lower Upper
139 100
65 47.4 39.7 59.5
109 24.5 21.1 31.7





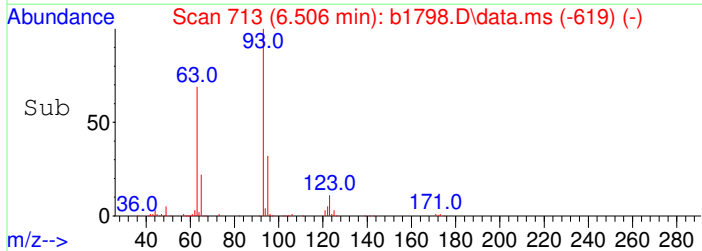
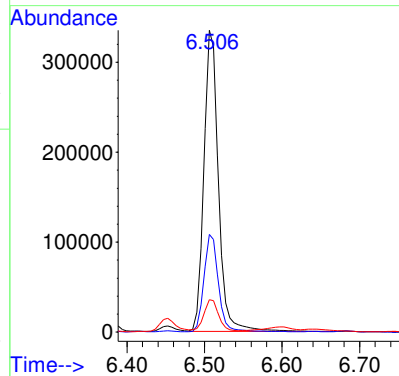
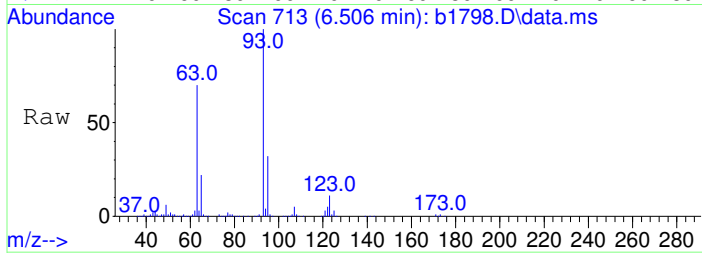
#26
 2,4-Dimethylphenol
 Concen: 81.98 ug
 RT: 6.452 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

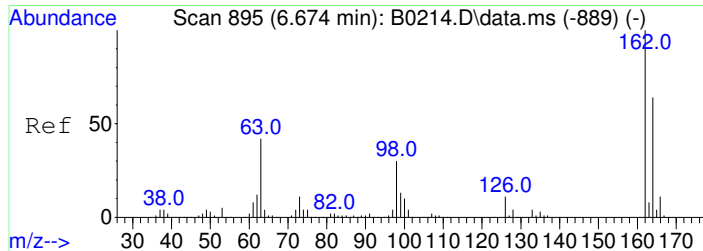
Tgt Ion:107	Resp:	348381
Ion Ratio	Lower	Upper
107	100	
121	52.4	40.3 60.5
122	88.4	69.0 103.4



#27
 bis(2-Chloroethoxy)met
 Concen: 79.99 ug
 RT: 6.506 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

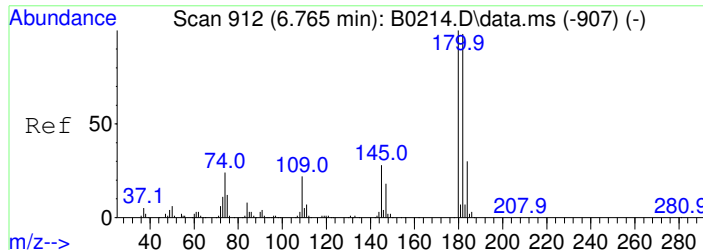
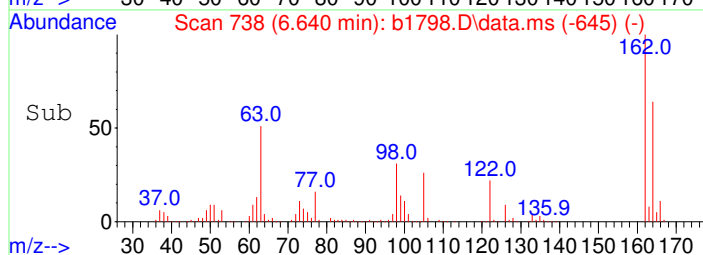
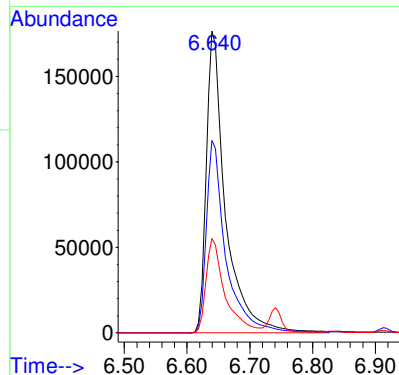
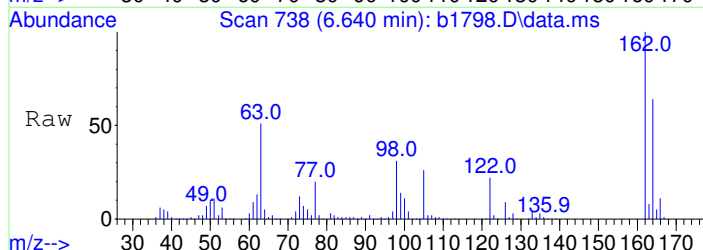
Tgt Ion: 93	Resp:	440517
Ion Ratio	Lower	Upper
93	100	
95	32.3	26.0 39.0
123	10.1	9.4 14.2





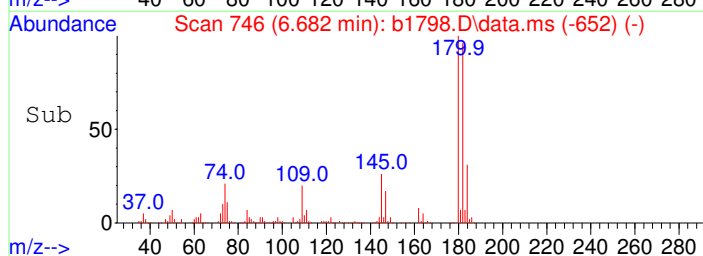
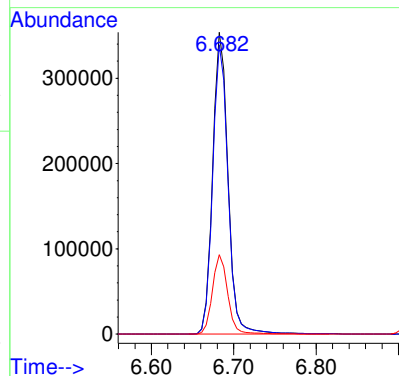
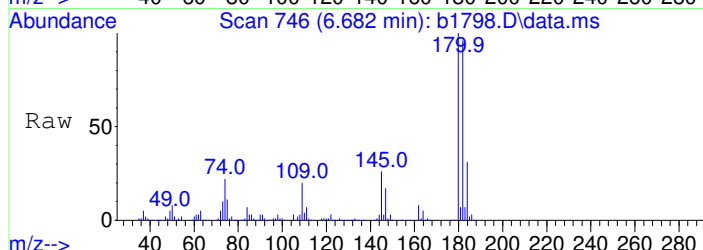
#28
 2,4-Dichlorophenol
 Concen: 80.19 ug
 RT: 6.640 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

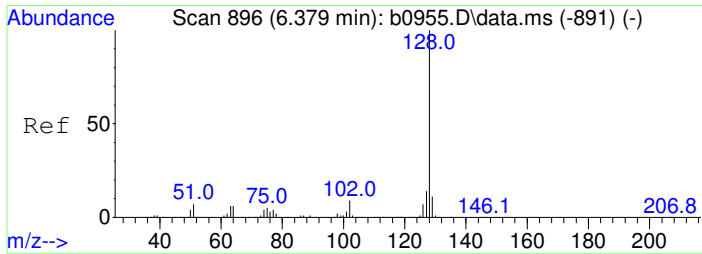
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.4	77.2
98	30.5	25.7	38.5



#29
 1,2,4-Trichlorobenzene
 Concen: 79.96 ug
 RT: 6.682 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

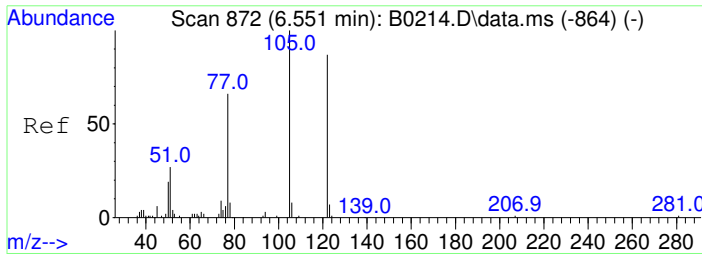
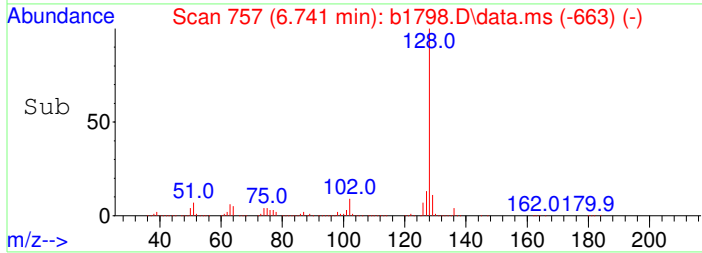
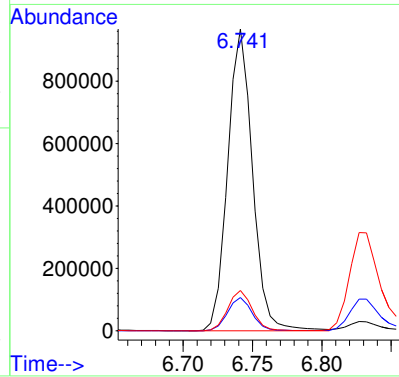
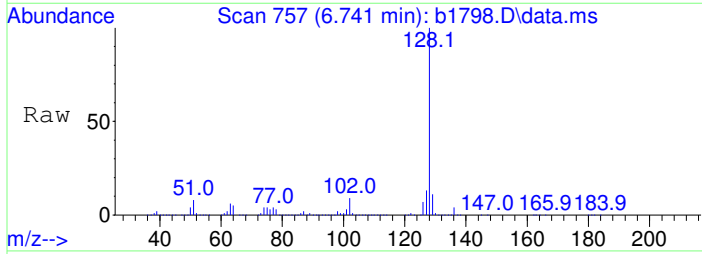
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.3	115.9
145	26.3	21.0	31.6





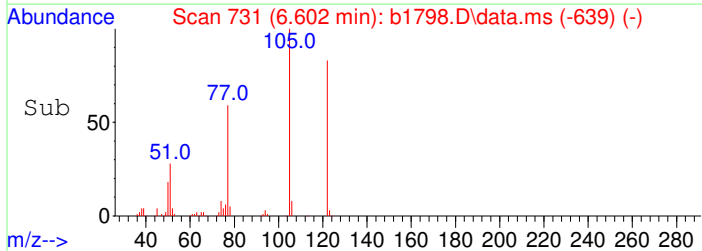
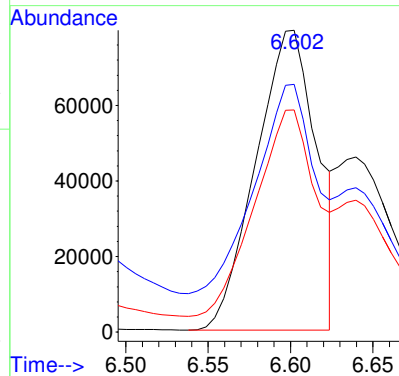
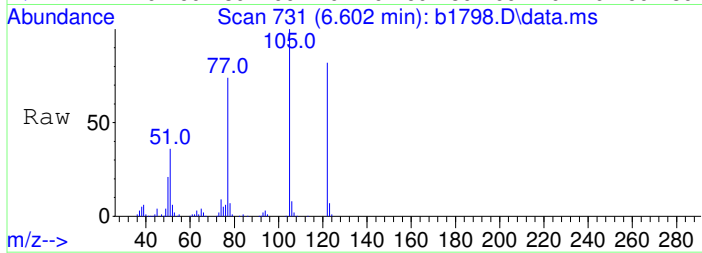
#30
Naphthalene
Concen: 79.86 ug
RT: 6.741 min Scan# 757
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

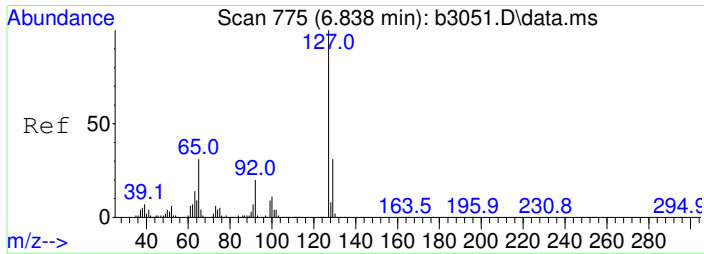
Tgt Ion:	128	Resp:	1207753
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.3	10.8	16.2



#31
Benzoic Acid
Concen: 66.66 ug
RT: 6.602 min Scan# 731
Delta R.T. -0.011 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

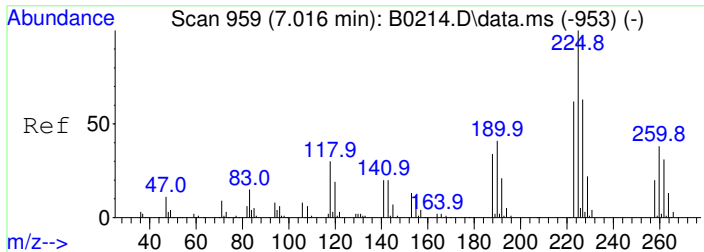
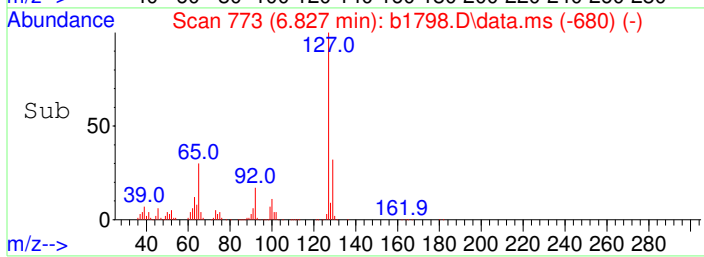
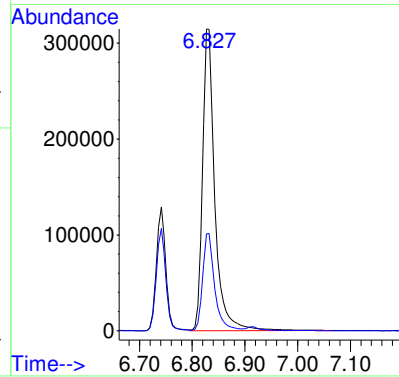
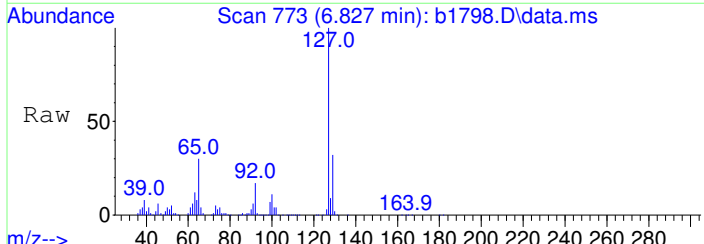
Tgt Ion:	105	Resp:	204965
Ion Ratio	Lower	Upper	
105	100		
122	67.6	65.7	98.5
77	68.7	59.5	89.3





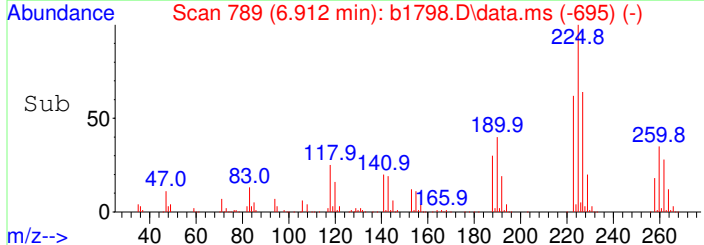
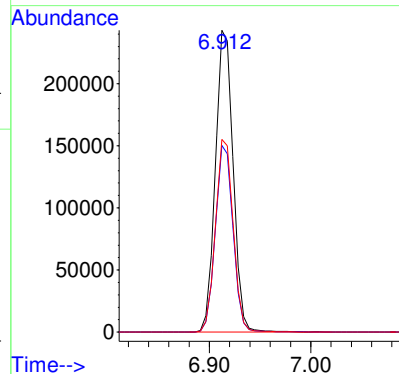
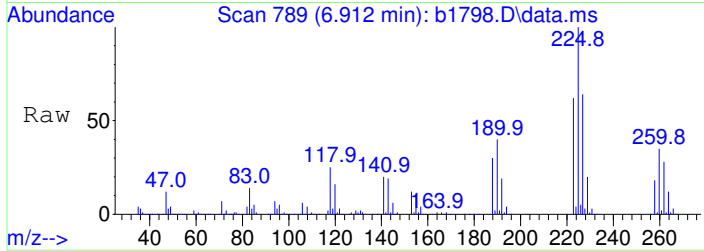
#32
4-Chloroaniline
Concen: 81.99 ug
RT: 6.827 min Scan# 773
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

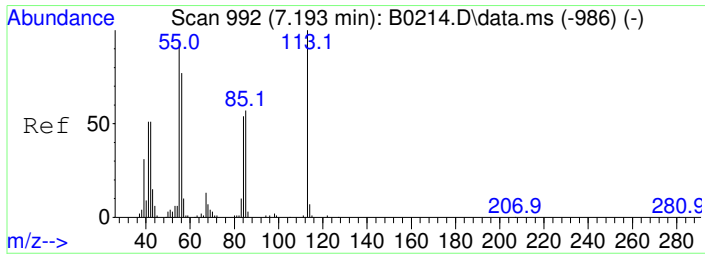
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8



#33
Hexachlorobutadiene
Concen: 81.27 ug
RT: 6.912 min Scan# 789
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

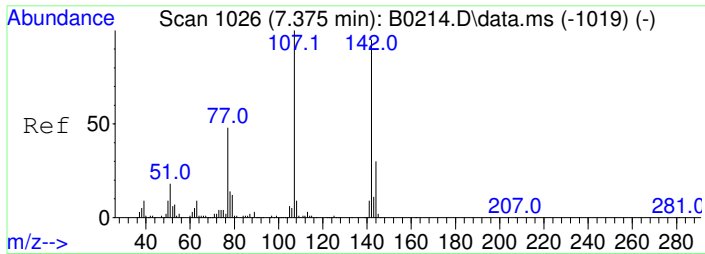
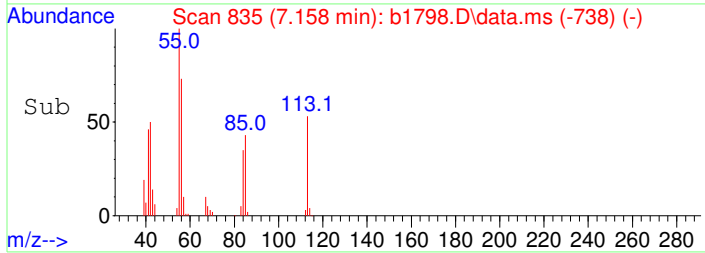
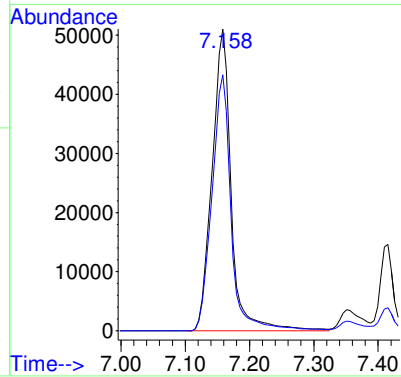
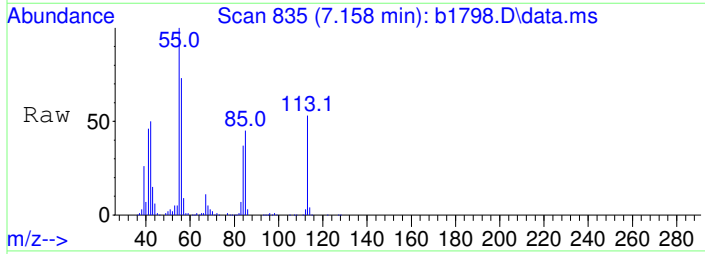
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.3	75.5
227	63.8	51.0	76.4





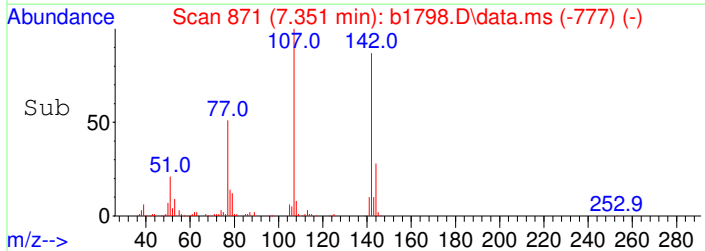
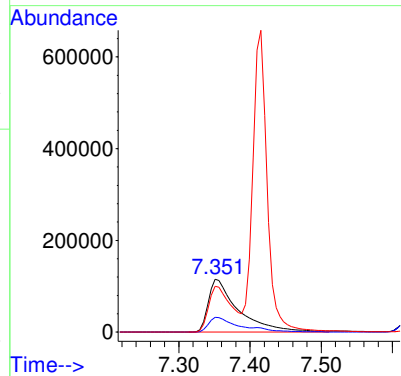
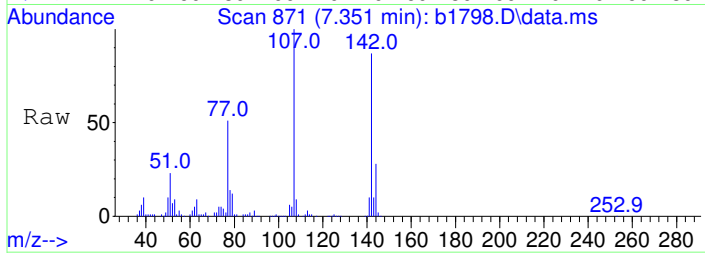
#34
Capralactam
Concen: 81.92 ug
RT: 7.158 min Scan# 835
Delta R.T. 0.016 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

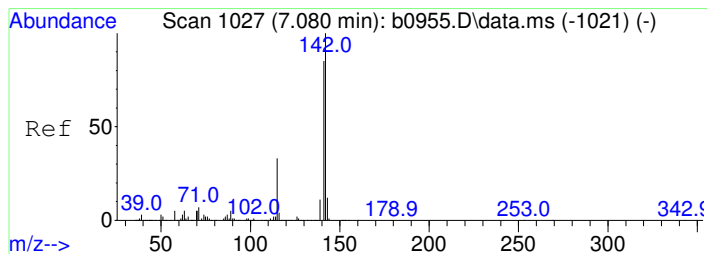
Tgt Ion	Ratio	Lower	Upper
113	100		
85	85.1	67.8	101.6



#35
4-Chloro-3-methylphenol
Concen: 79.49 ug
RT: 7.351 min Scan# 871
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

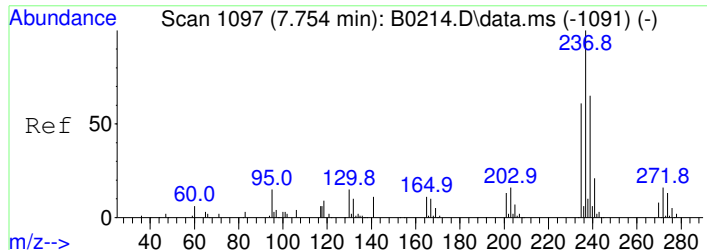
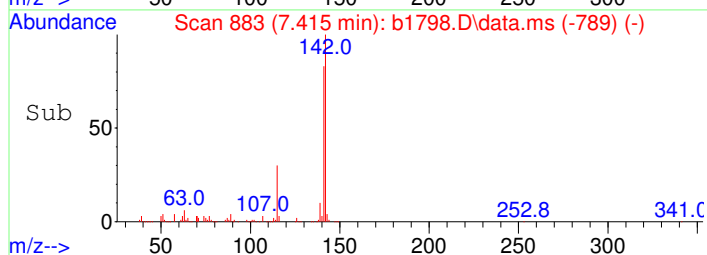
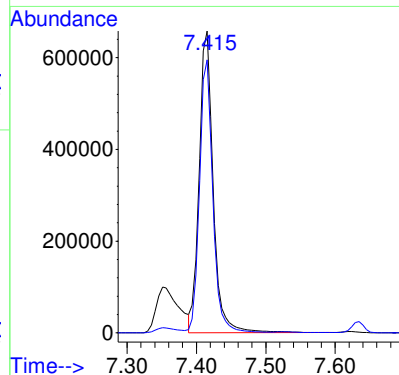
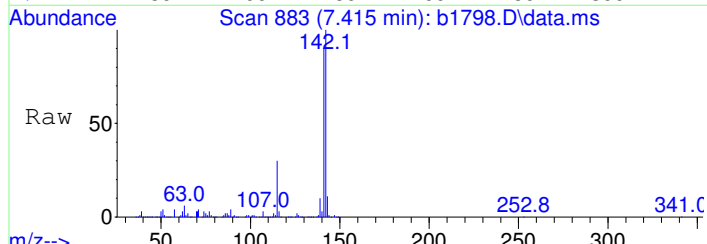
Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.6	25.2	37.8
142	65.8	553.0	829.6#





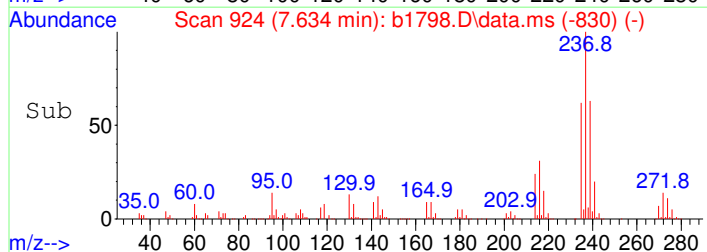
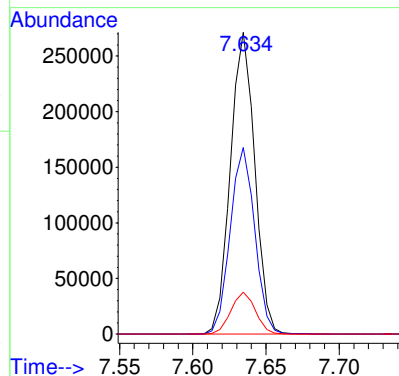
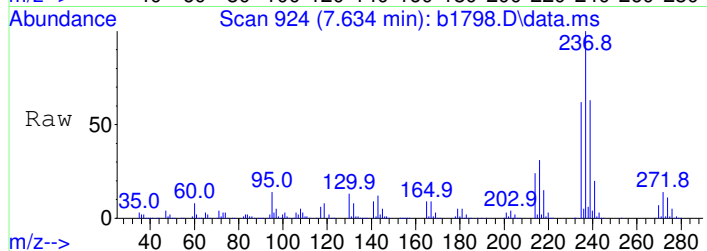
#36
2-Methylnaphthalene
Concen: 78.28 ug
RT: 7.415 min Scan# 883
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

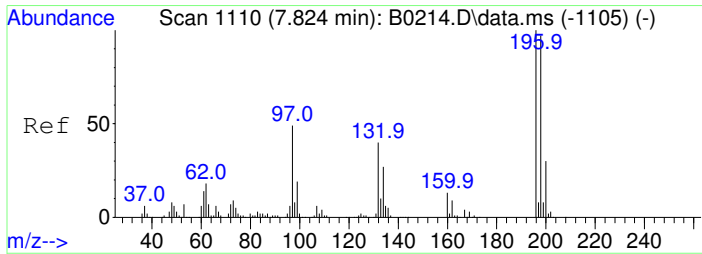
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.6	65.0	97.4



#38
Hexachlorocyclopentadiene
Concen: 79.37 ug
RT: 7.634 min Scan# 924
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

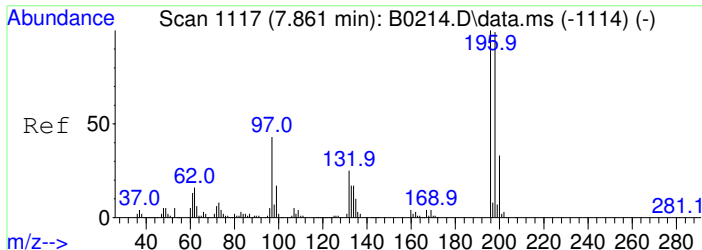
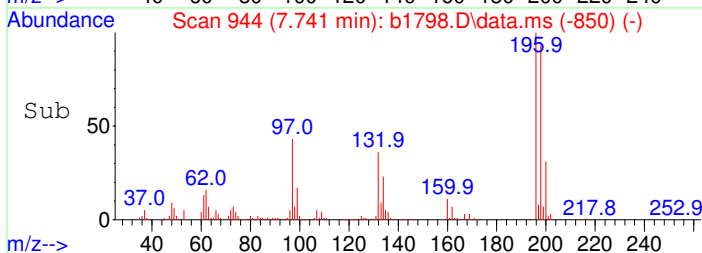
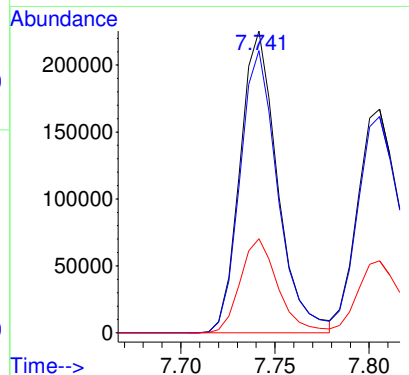
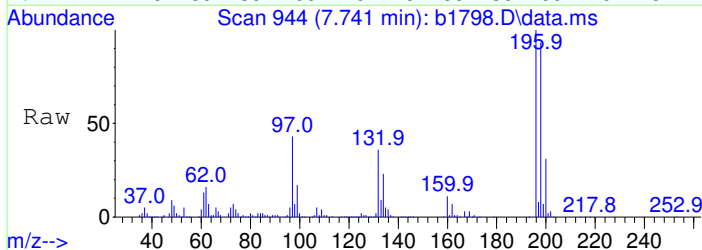
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.1	50.7	76.1
272	13.9	10.9	16.3





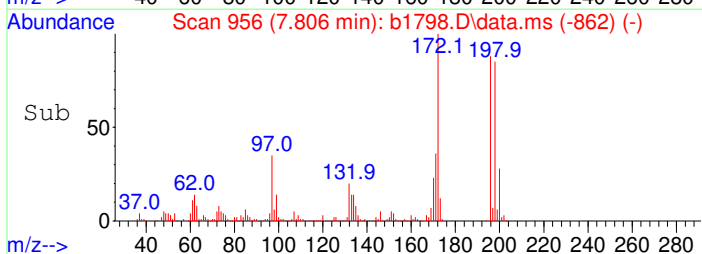
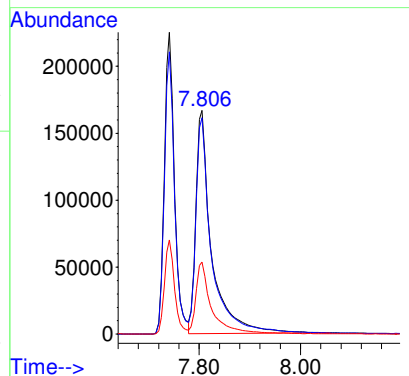
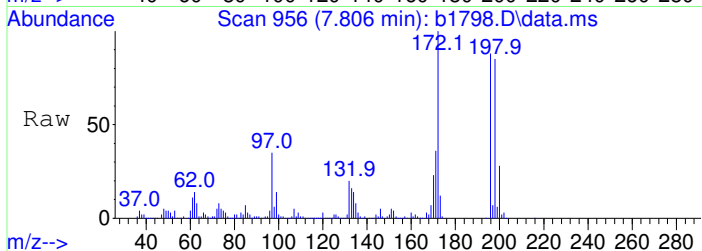
#39
2,4,6-Trichlorophenol
Concen: 82.03 ug
RT: 7.741 min Scan# 944
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

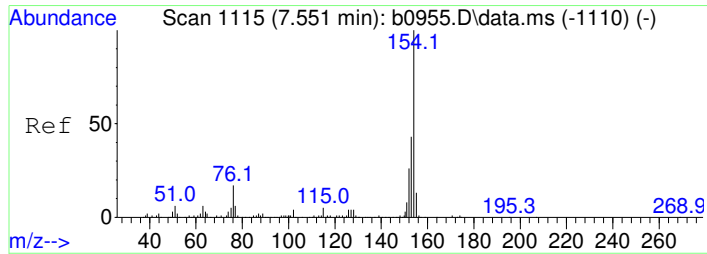
Tgt	Ion:196	Resp:	312962
Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.6	113.4
200	31.2	25.0	37.6



#40
2,4,5-Trichlorophenol
Concen: 81.24 ug
RT: 7.806 min Scan# 956
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

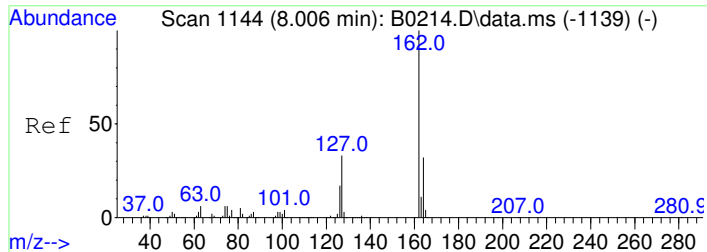
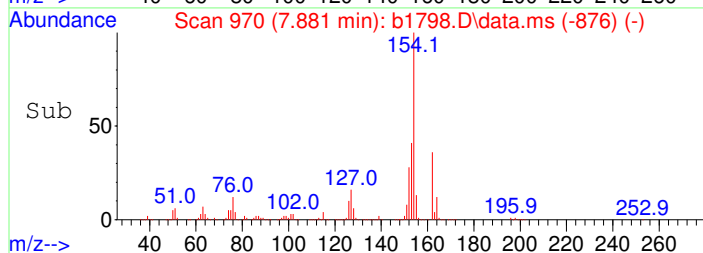
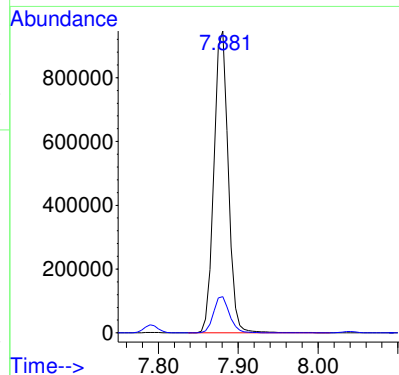
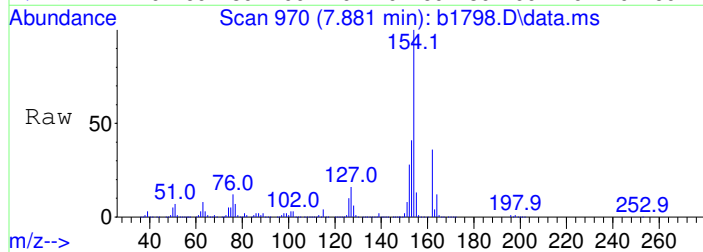
Tgt	Ion:196	Resp:	361123
Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.8	113.8
200	31.7	25.0	37.4





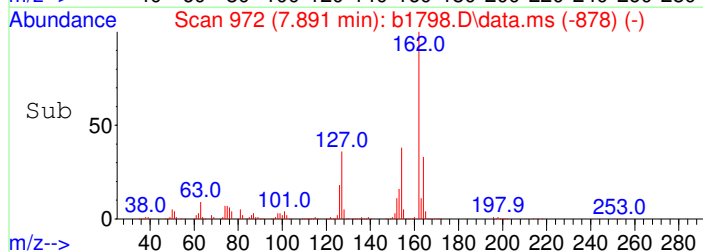
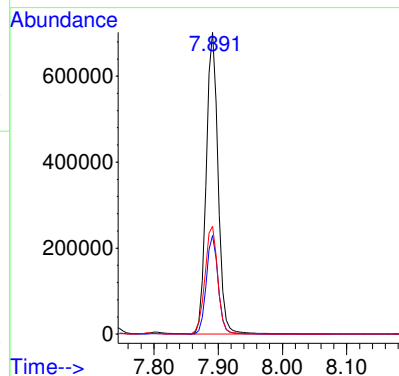
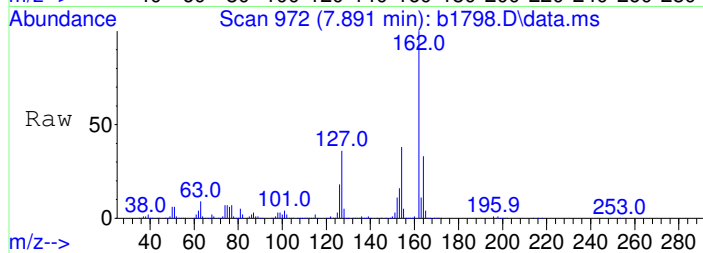
#41
Biphphenyl
Concen: 79.36 ug
RT: 7.881 min Scan# 970
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

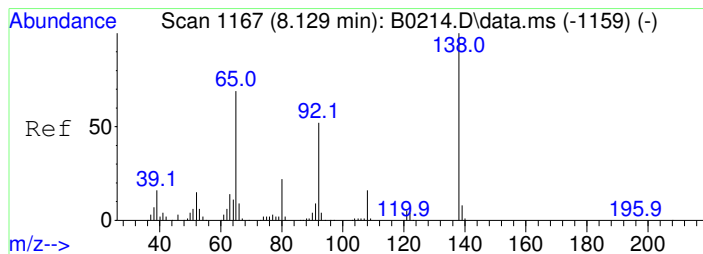
Tgt Ion:154 Resp: 1183530
Ion Ratio Lower Upper
154 100
76 13.3 7.5 11.3#



#43
2-Chloronaphthalene
Concen: 79.51 ug
RT: 7.891 min Scan# 972
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

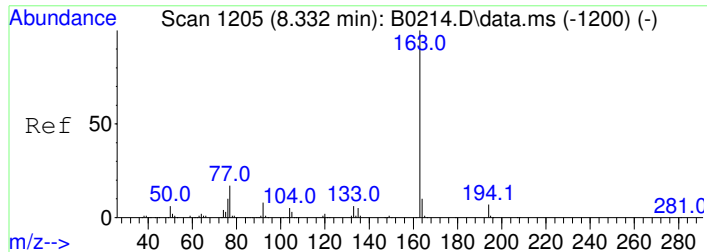
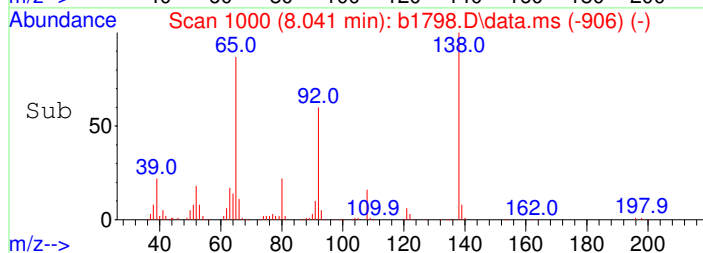
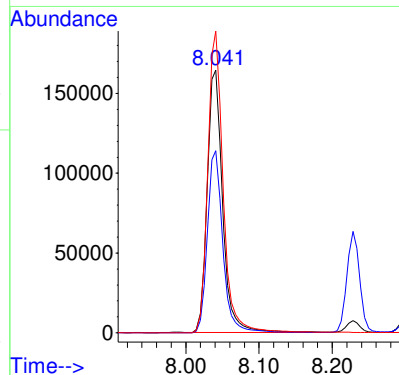
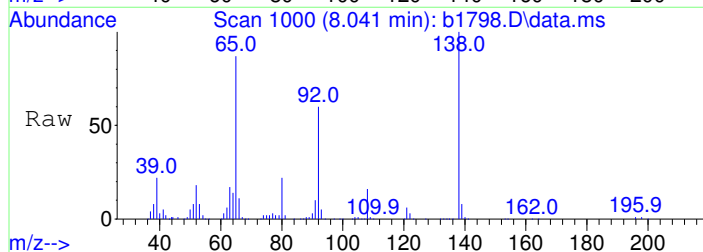
Tgt Ion:162 Resp: 900255
Ion Ratio Lower Upper
162 100
164 32.6 26.9 40.3
127 38.6 29.1 43.7





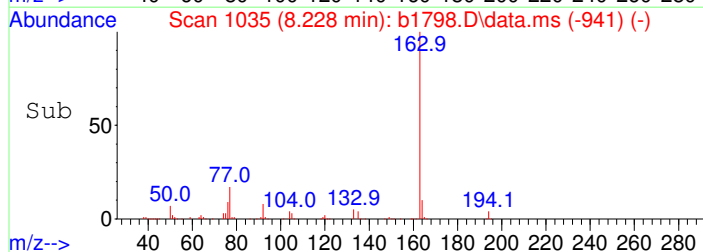
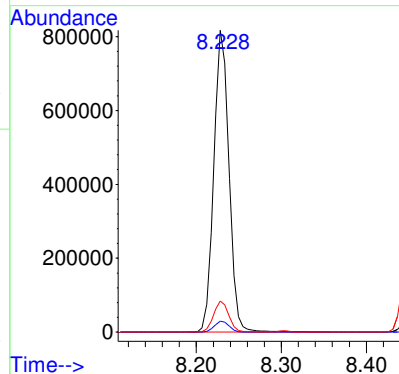
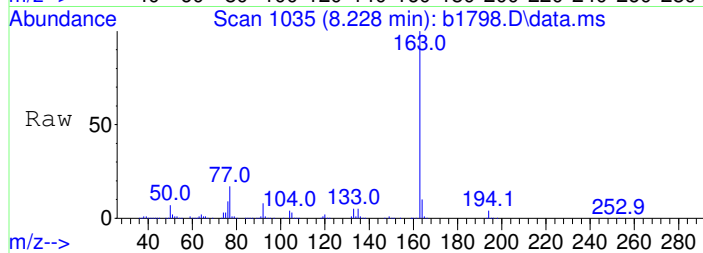
#44
2-Nitroaniline
Concen: 79.82 ug
RT: 8.041 min Scan# 1000
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

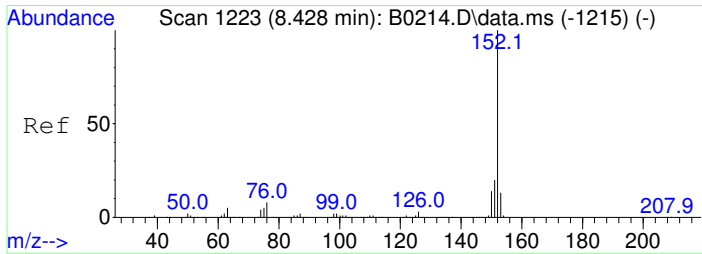
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	59.8	89.8
138	114.9	122.2	183.4



#45
Dimethylphthalate
Concen: 79.02 ug
RT: 8.228 min Scan# 1035
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

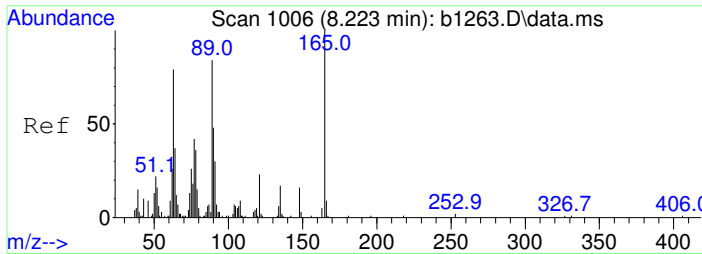
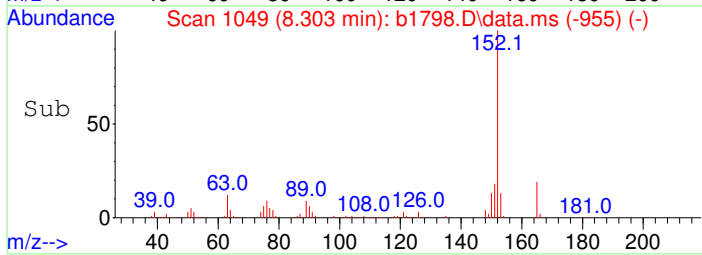
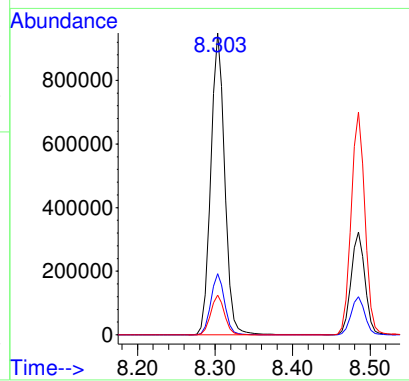
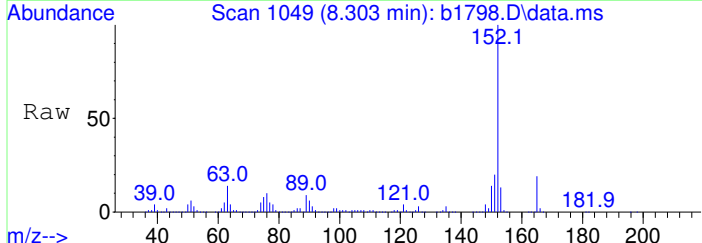
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	5.7	8.5
164	10.3	8.2	12.2





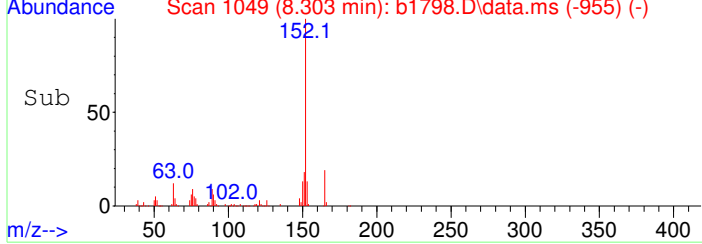
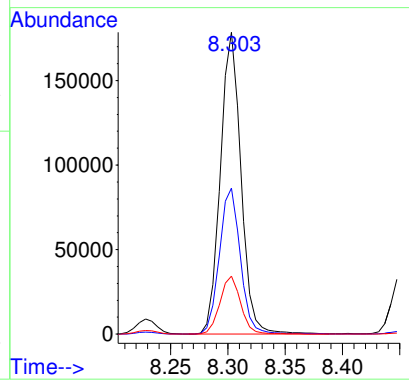
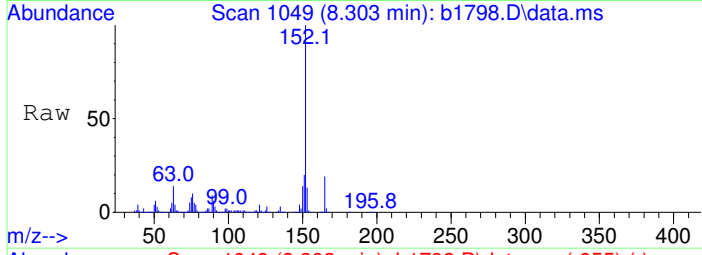
#46
 Acenaphthylene
 Concen: 79.94 ug
 RT: 8.303 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

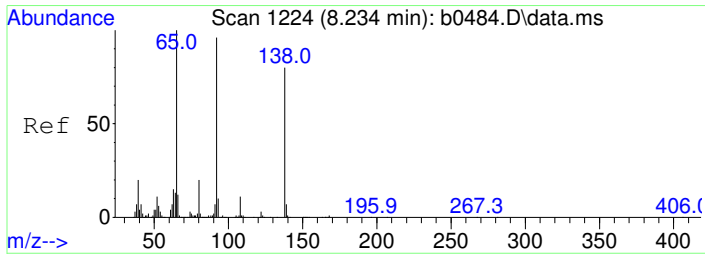
Tgt Ion:152	Resp: 1198233		
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.0	10.7	16.1



#47
 2,6-Dinitrotoluene
 Concen: 80.72 ug
 RT: 8.303 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

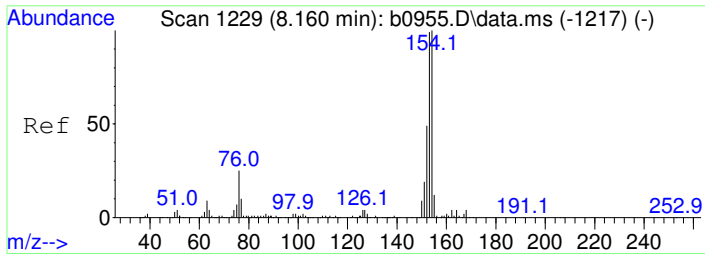
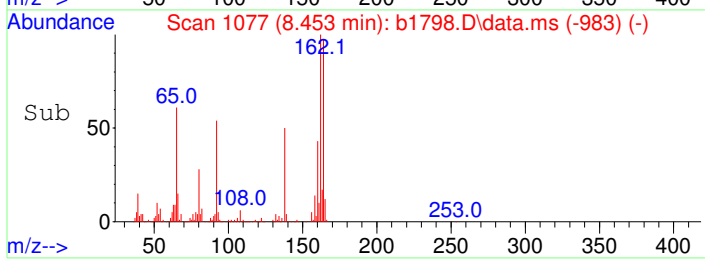
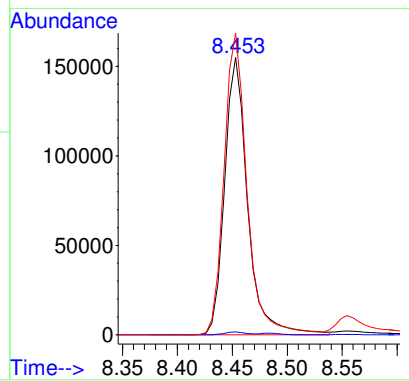
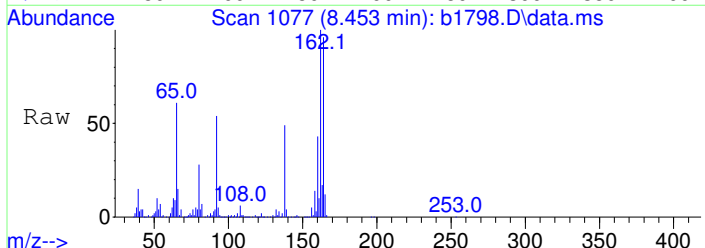
Tgt Ion:165	Resp: 224690		
Ion	Ratio	Lower	Upper
165	100		
89	49.1	38.0	57.0
121	19.3	15.6	23.4





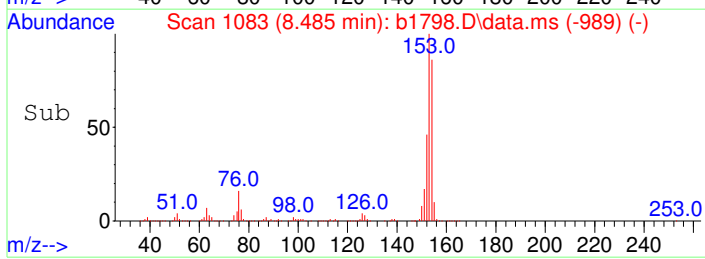
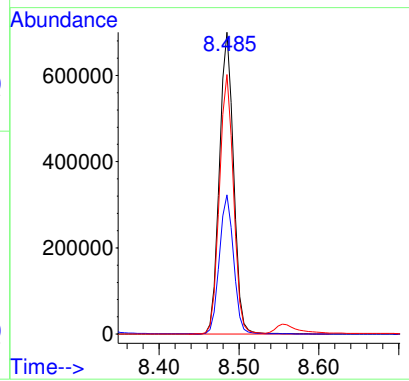
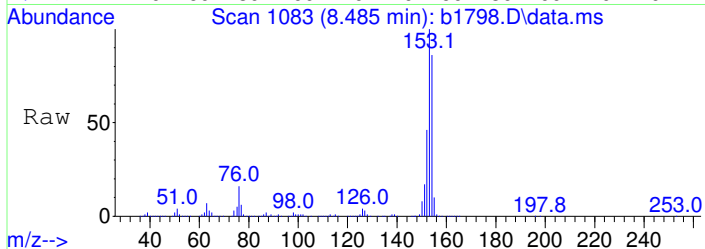
#48
3-Nitroaniline
Concen: 80.37 ug
RT: 8.453 min Scan# 1077
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

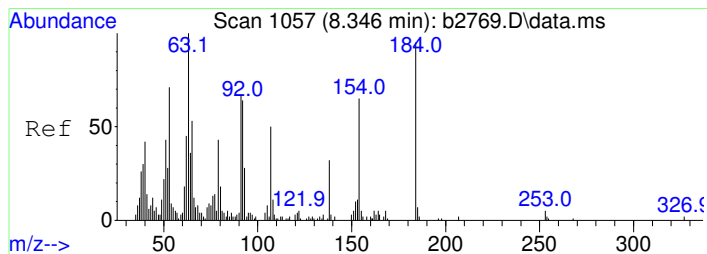
Tgt	Ion:138	Resp:	226708
Ion	Ratio	Lower	Upper
138	100		
109	0.0	1.2	1.8#
92	108.6	44.2	66.2#



#49
Acenaphthene
Concen: 79.14 ug
RT: 8.485 min Scan# 1083
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

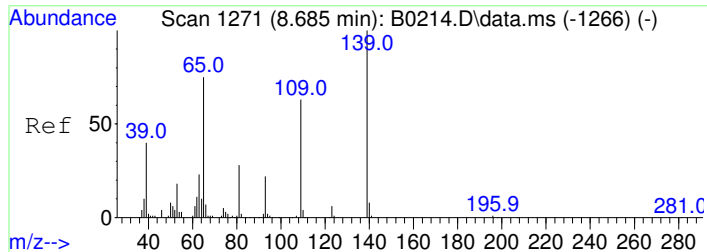
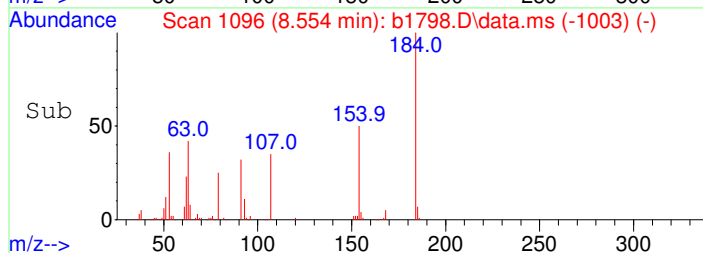
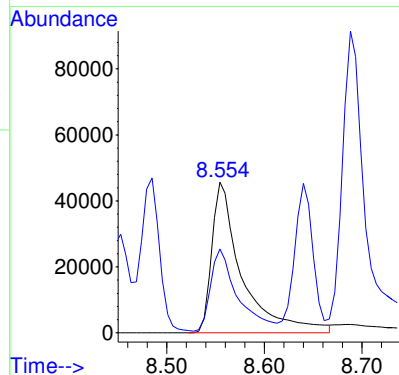
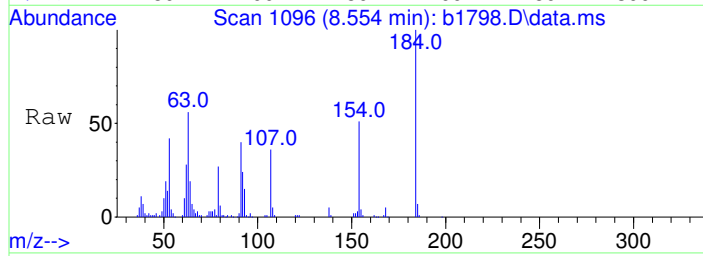
Tgt	Ion:153	Resp:	864266
Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.8	56.8
154	85.8	74.1	111.1





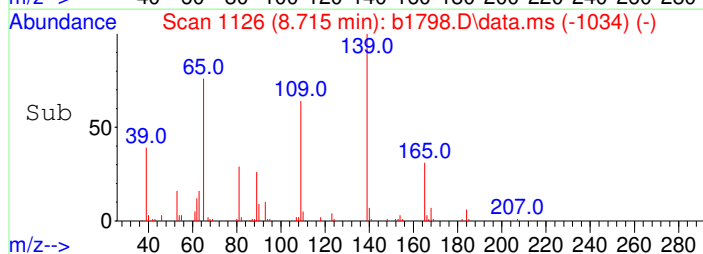
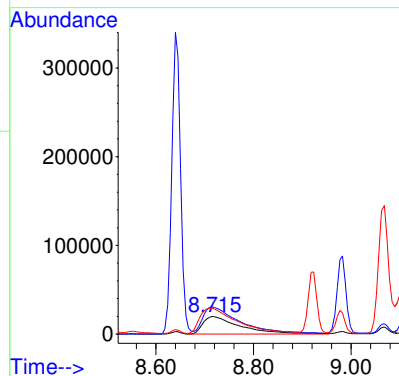
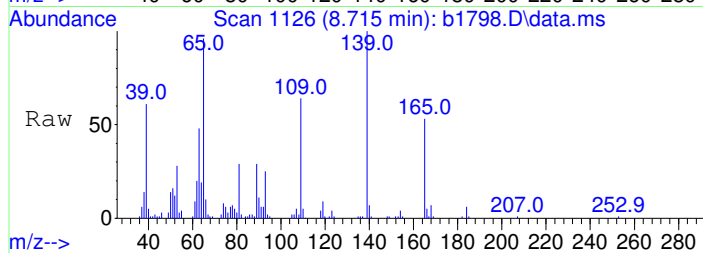
#50
2,4-Dinitrophenol
Concen: 74.20 ug
RT: 8.554 min Scan# 1096
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

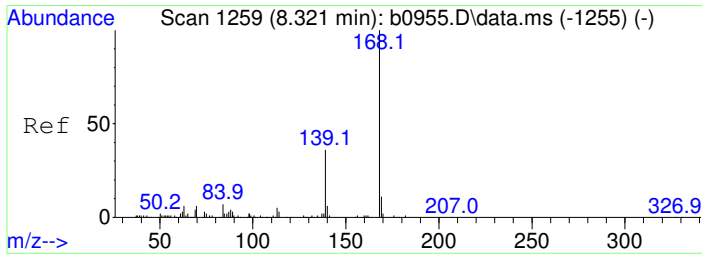
Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.6	46.2	69.4



#51
4-Nitrophenol
Concen: 82.89 ug
RT: 8.715 min Scan# 1126
Delta R.T. -0.011 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

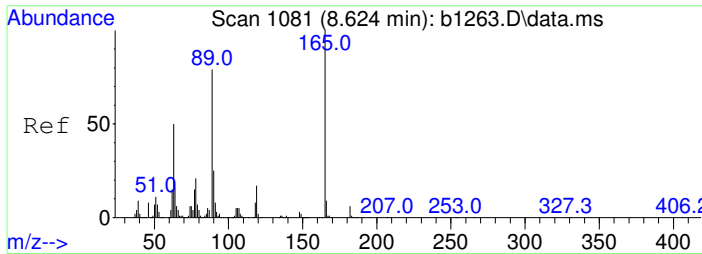
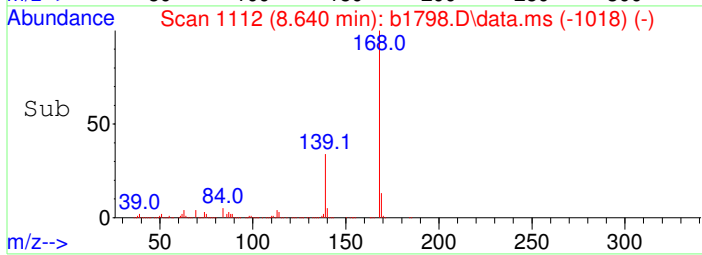
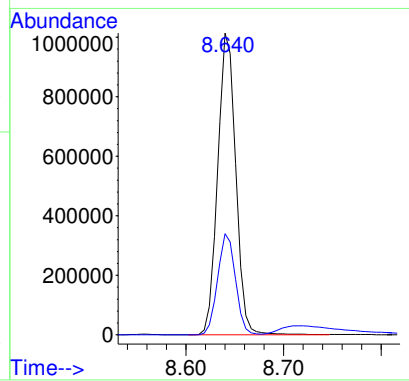
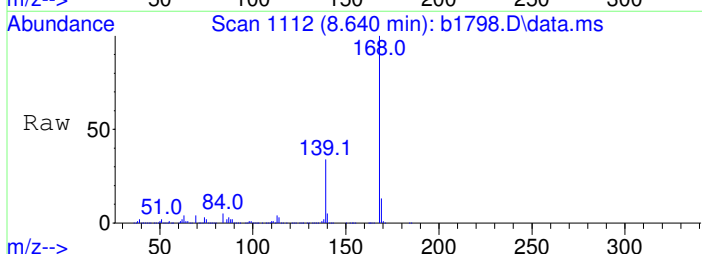
Tgt Ion	Ratio	Lower	Upper
109	100		
139	151.4	122.6	183.8
65	138.8	122.6	184.0





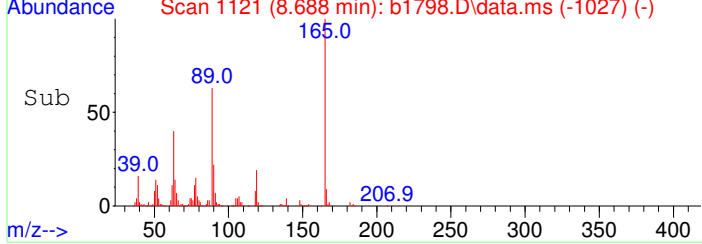
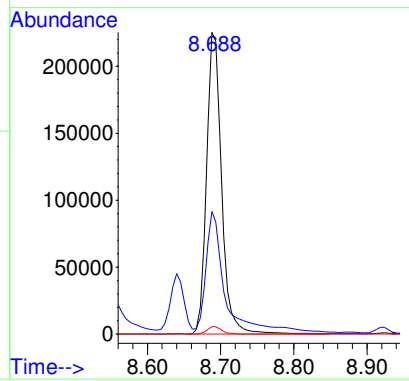
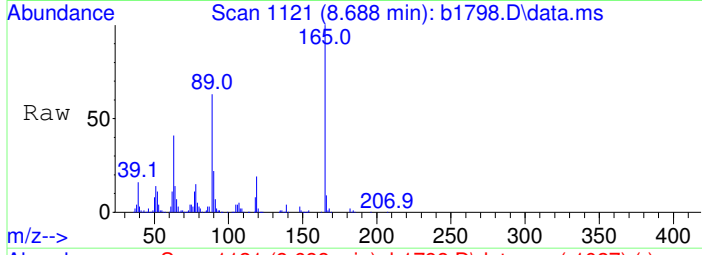
#52
 Dibenzenofuran
 Concen: 79.50 ug
 RT: 8.640 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

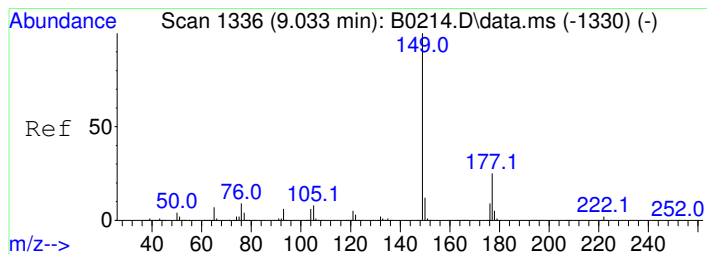
Tgt Ion:168	Resp: 1301581		
Ion Ratio	Lower	Upper	
168	100		
139	33.1	30.5	45.7



#53
 2,4-Dinitrotoluene
 Concen: 81.62 ug
 RT: 8.688 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

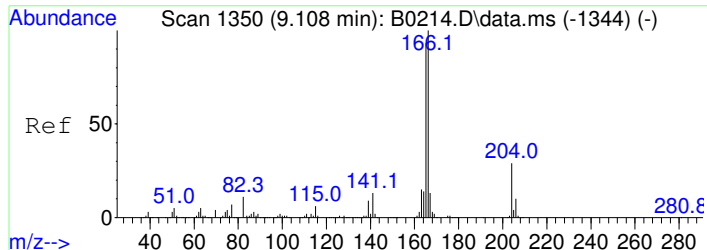
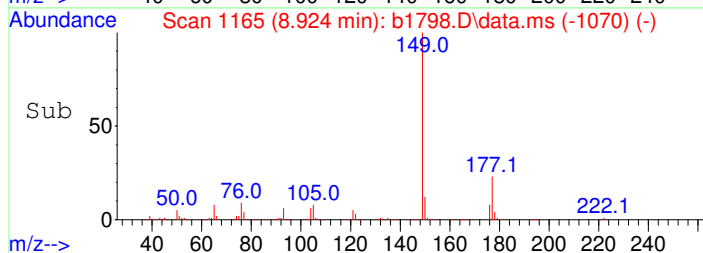
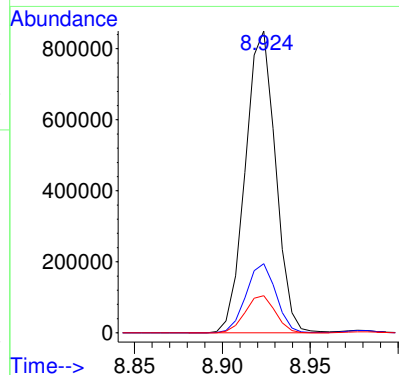
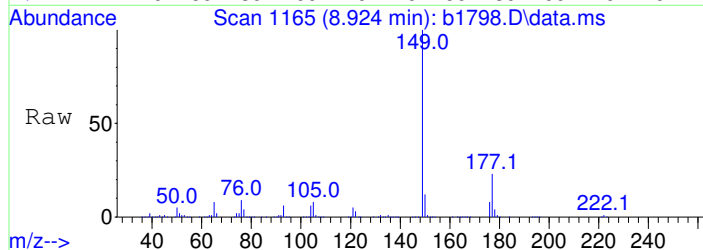
Tgt Ion:165	Resp: 322877		
Ion Ratio	Lower	Upper	
165	100		
63	50.7	29.4	44.0#
182	2.4	4.5	6.7#





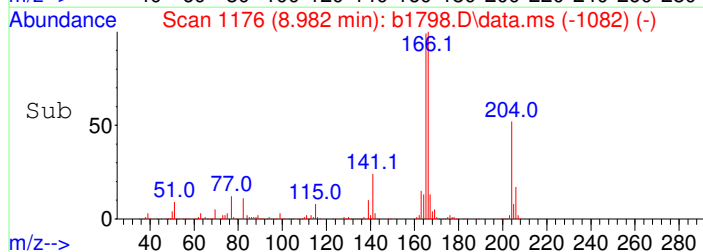
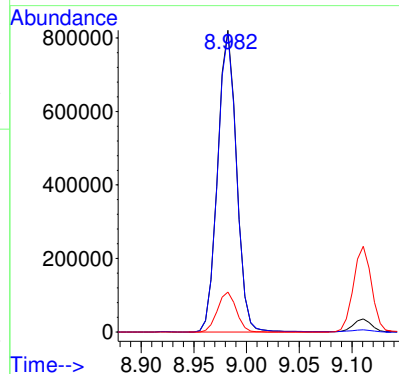
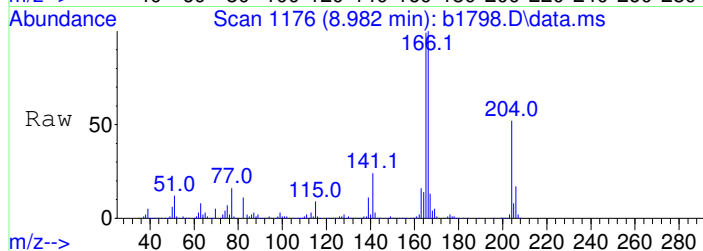
#54
Diethylphthalate
Concen: 79.64 ug
RT: 8.924 min Scan# 1165
Delta R.T. 0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

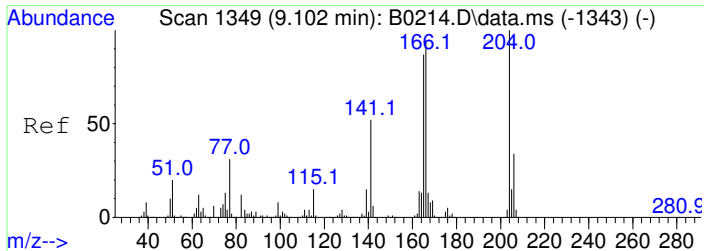
Tgt Ion	149	177	150
Resp	1018442		
Ratio	100	22.8	12.4
Lower		19.8	10.0
Upper		29.8	15.0



#55
Fluorene
Concen: 80.10 ug
RT: 8.982 min Scan# 1176
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

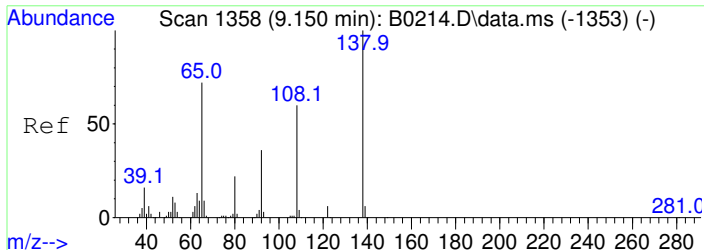
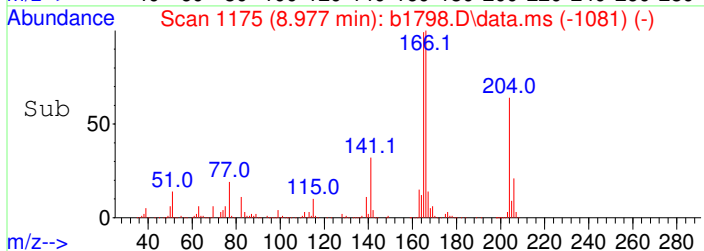
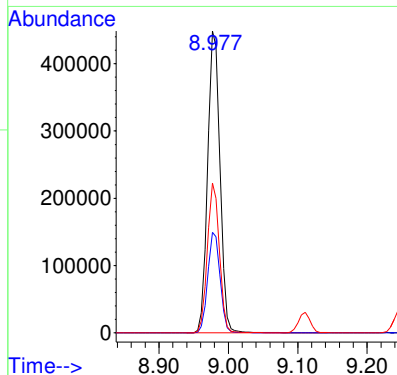
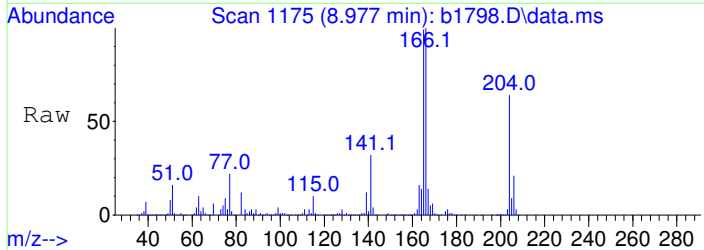
Tgt Ion	166	165	167
Resp	1023188		
Ratio	100	99.0	13.3
Lower		75.2	11.4
Upper		112.8	17.0





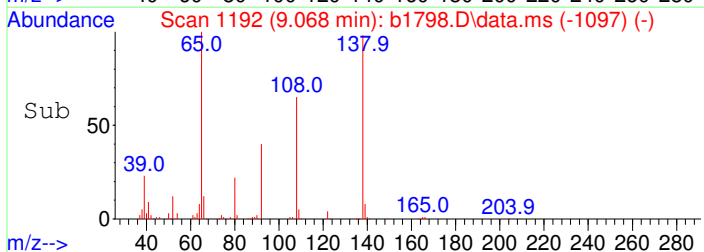
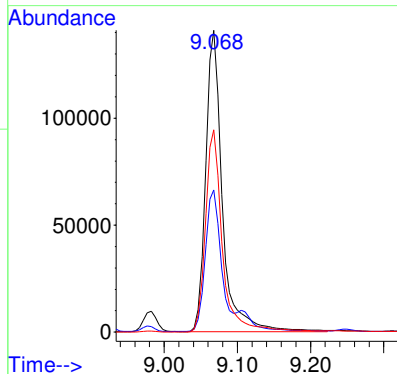
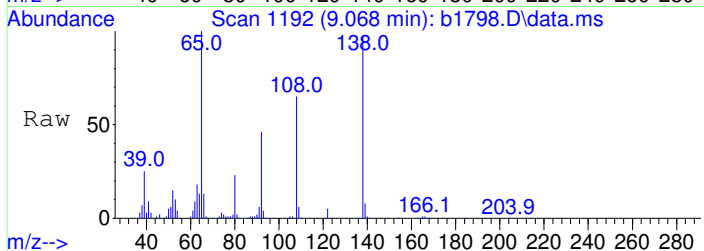
#56
4-Chlorophenyl-phenyle
Concen: 80.04 ug
RT: 8.977 min Scan# 1175
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

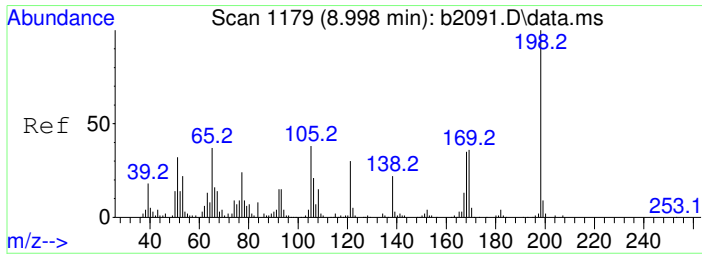
Tgt Ion:204	Resp: 555423
Ion Ratio	Lower Upper
204 100	
206 33.3	27.0 40.4
141 48.6	40.8 61.2



#57
4-Nitroaniline
Concen: 80.15 ug
RT: 9.068 min Scan# 1192
Delta R.T. 0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

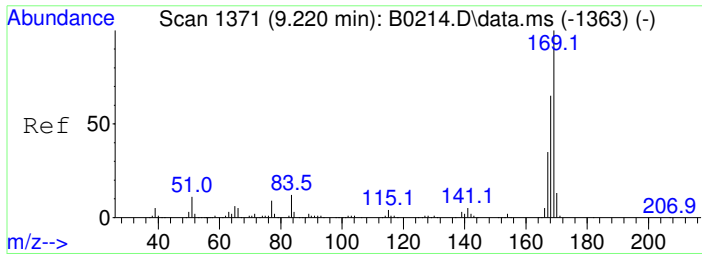
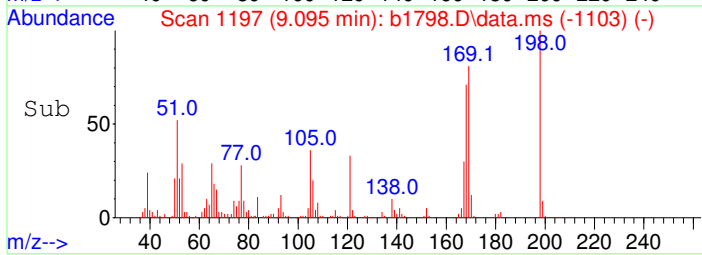
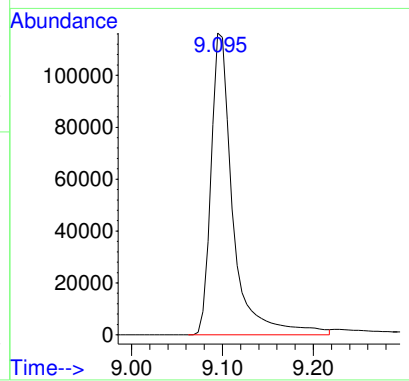
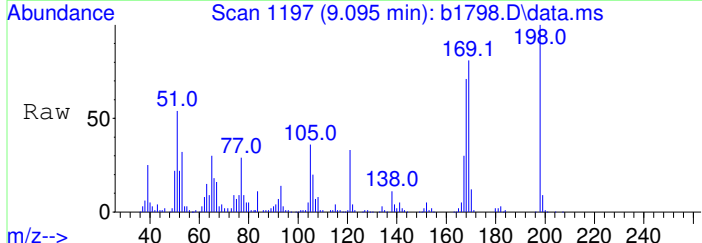
Tgt Ion:138	Resp: 224170
Ion Ratio	Lower Upper
138 100	
92 44.1	32.2 48.2
108 68.1	60.6 90.8





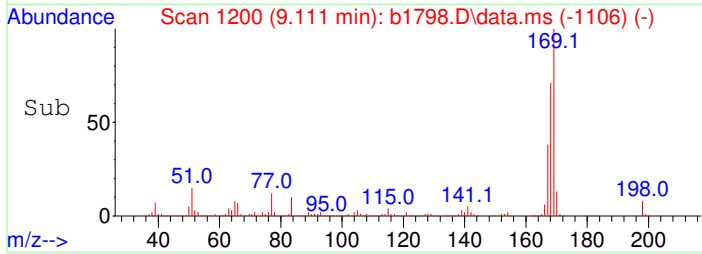
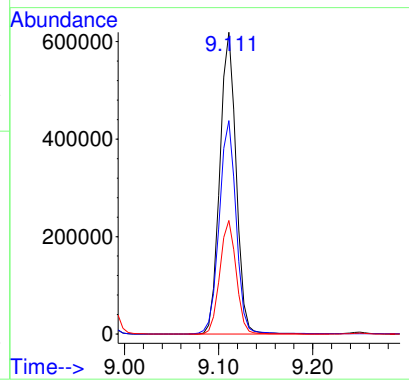
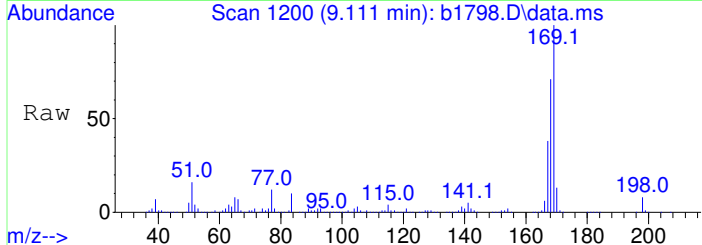
#59
 4,6-Dinitro-2-methylph
 Concen: 84.53 ug
 RT: 9.095 min Scan# 1197
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

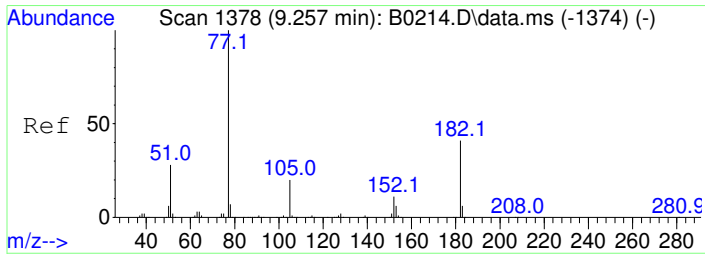
Tgt Ion:198 Resp: 196310



#60
 n-Nitrosodiphenylamine
 Concen: 80.51 ug
 RT: 9.111 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

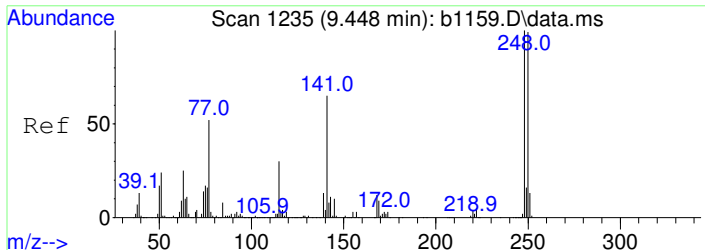
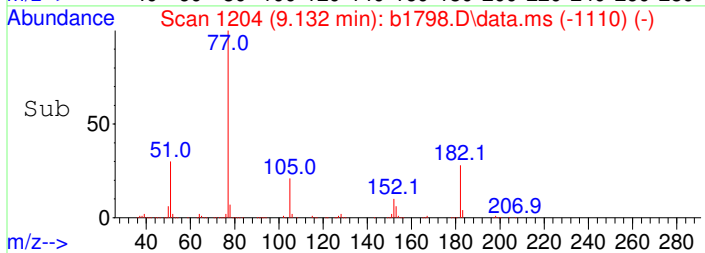
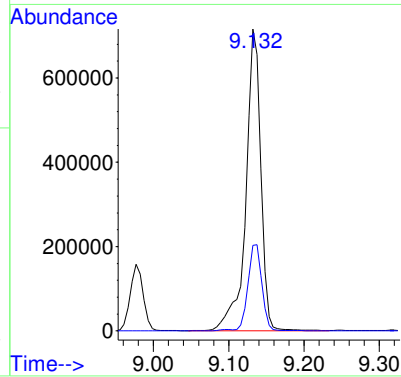
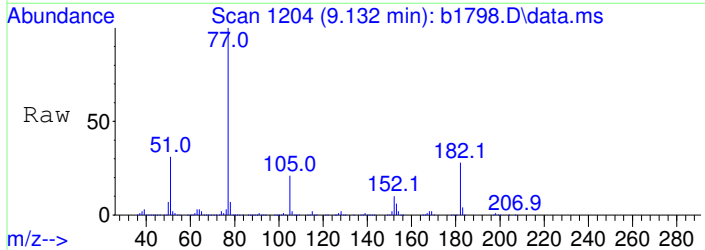
Tgt Ion:169 Resp: 746611
 Ion Ratio Lower Upper
 169 100
 168 73.3 51.0 76.6
 167 37.6 27.7 41.5





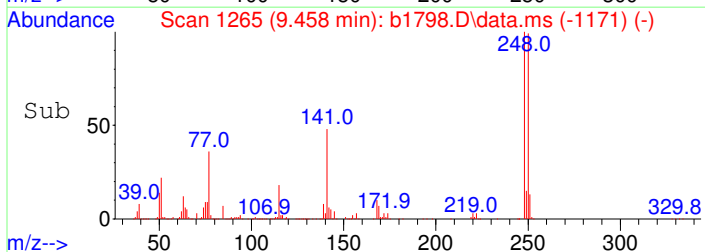
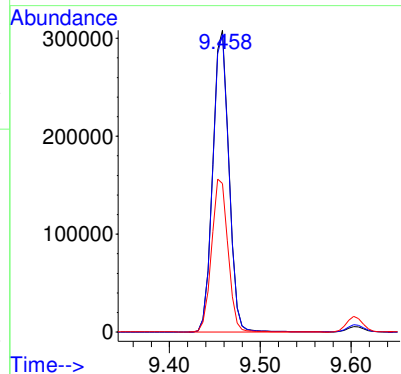
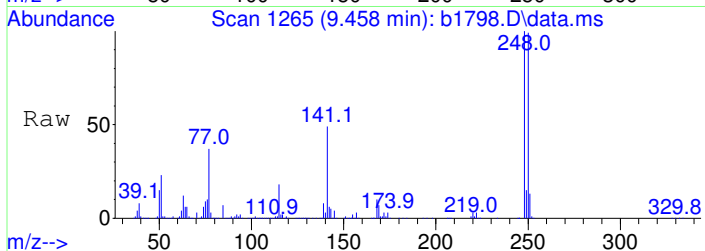
#62
Azobenzene
Concen: 79.96 ug
RT: 9.132 min Scan# 1204
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

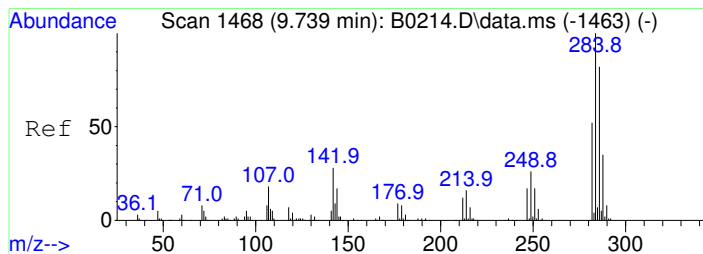
Tgt Ion: 77 Resp: 989909
Ion Ratio Lower Upper
77 100
182 26.4 30.2 45.4#



#63
4-Bromophenyl-phenylether
Concen: 79.97 ug
RT: 9.458 min Scan# 1265
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

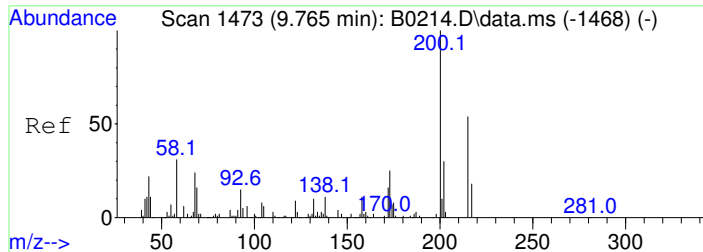
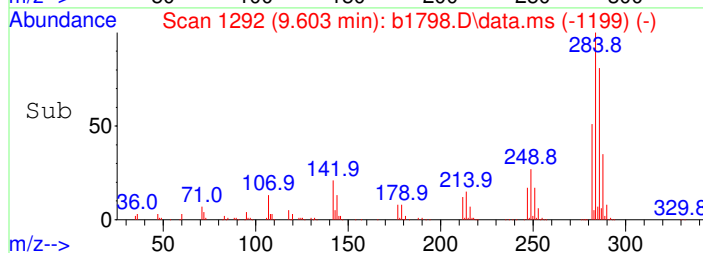
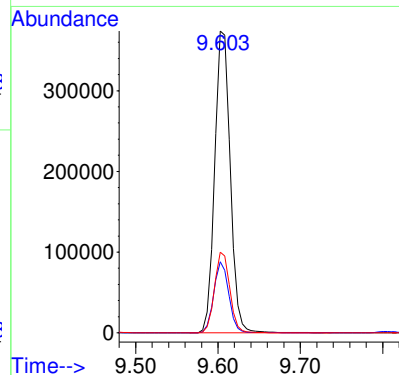
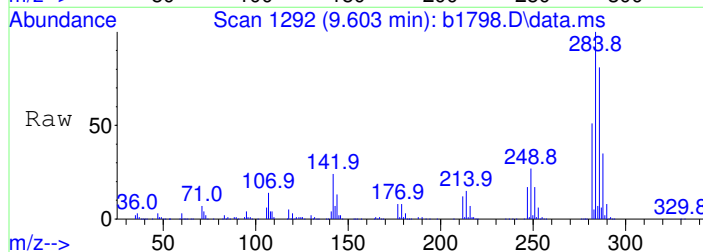
Tgt Ion: 248 Resp: 382506
Ion Ratio Lower Upper
248 100
250 98.7 76.7 115.1
141 51.2 46.2 69.2





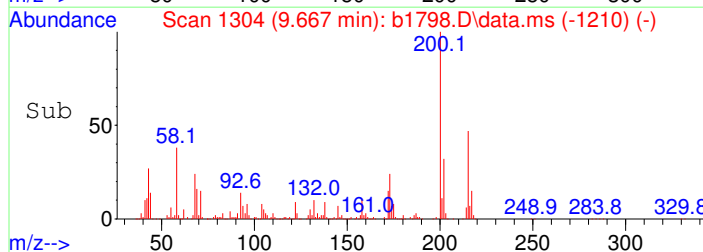
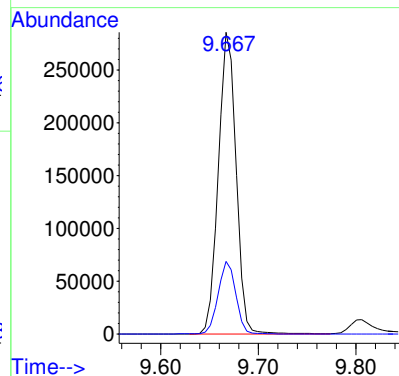
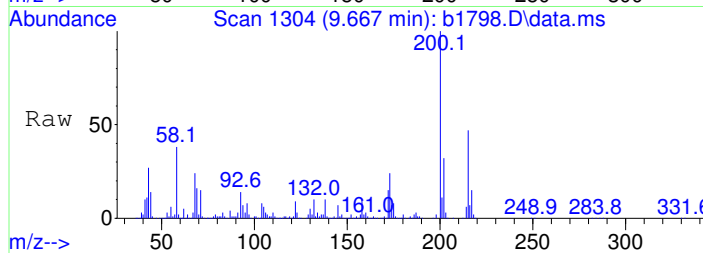
#64
Hexachlorobenzene
Concen: 80.13 ug
RT: 9.603 min Scan# 1292
Delta R.T. -0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

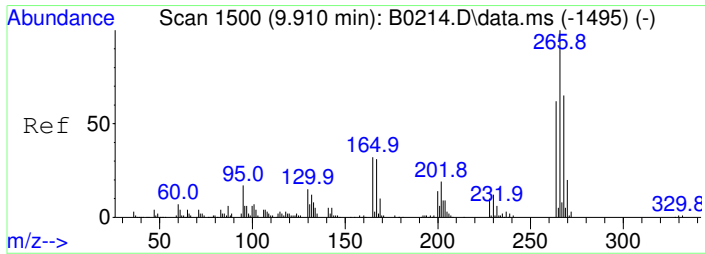
Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.6	24.7	37.1#
249	26.3	23.0	34.4



#65
Atrazine
Concen: 81.44 ug
RT: 9.667 min Scan# 1304
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

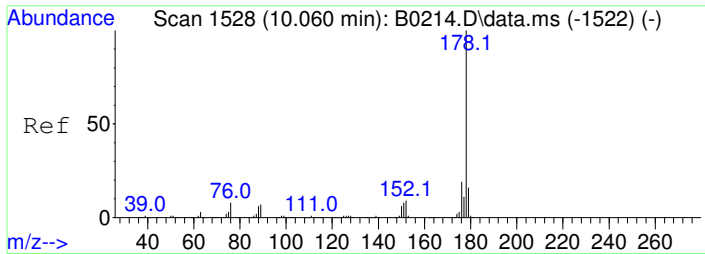
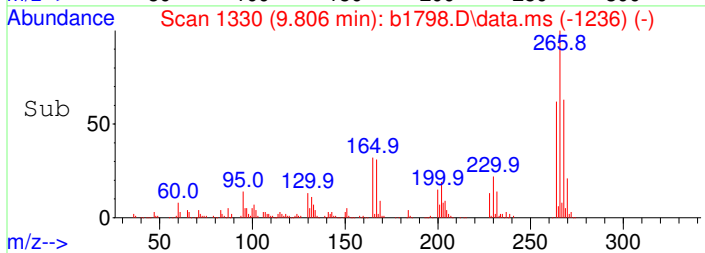
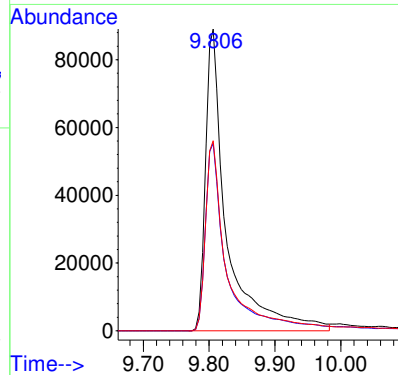
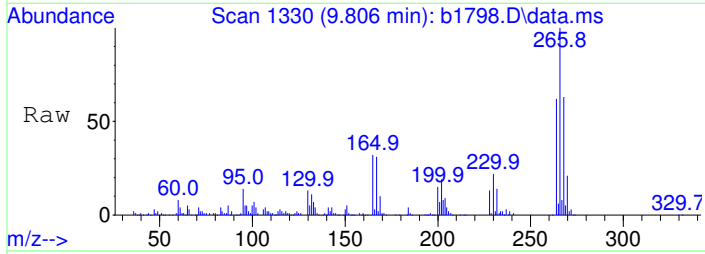
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	19.8	29.8





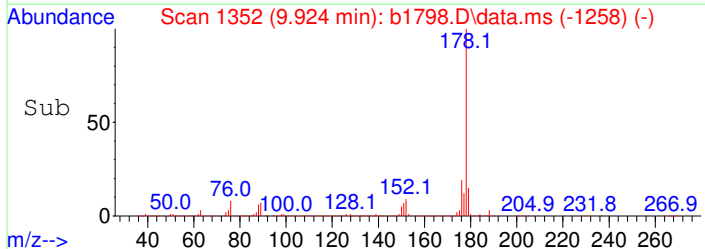
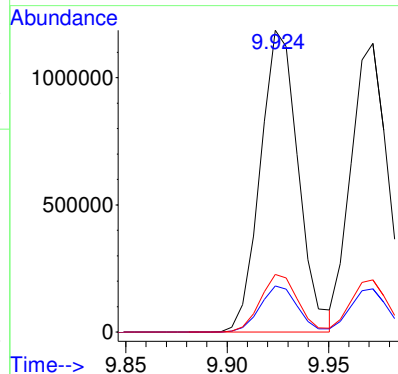
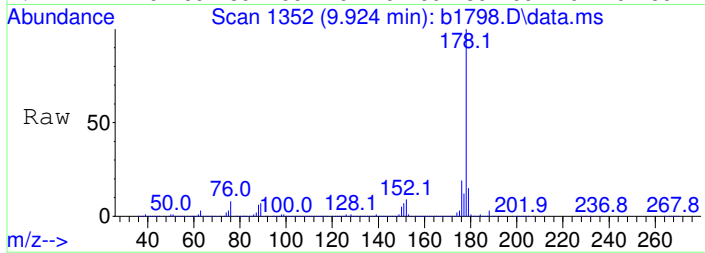
#66
 Pentachlorophenol
 Concen: 82.06 ug
 RT: 9.806 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

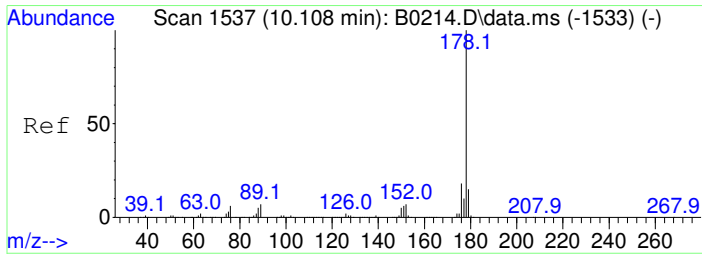
Tgt Ion	266	Resp	200838
Ion Ratio	Lower	Upper	
266	100		
264	65.2	49.3	73.9
268	64.8	50.1	75.1



#67
 Phenanthrene
 Concen: 80.72 ug
 RT: 9.924 min Scan# 1352
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

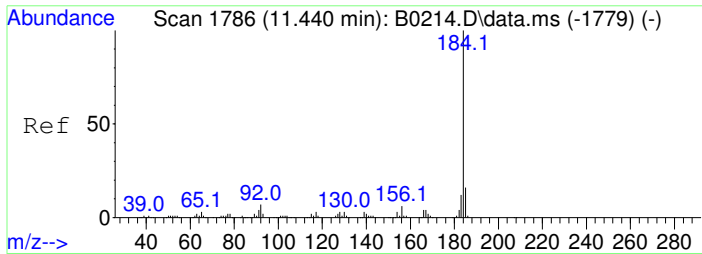
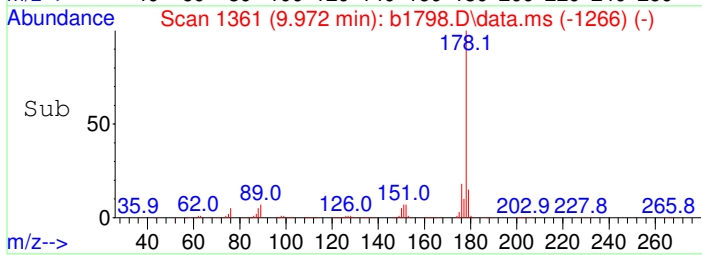
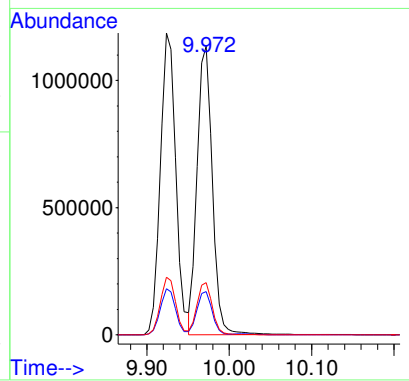
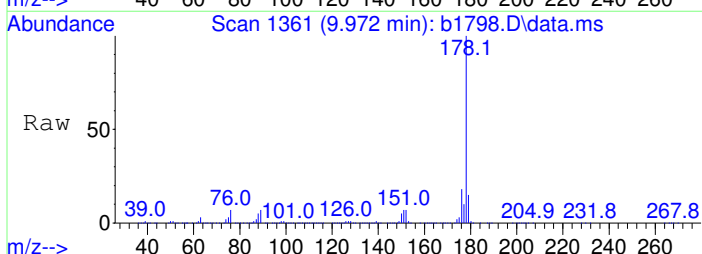
Tgt Ion	178	Resp	1542768
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.2
176	19.0	15.2	22.8





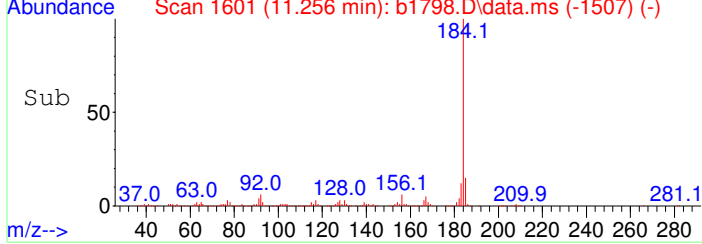
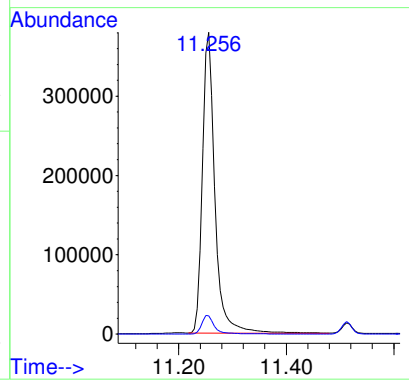
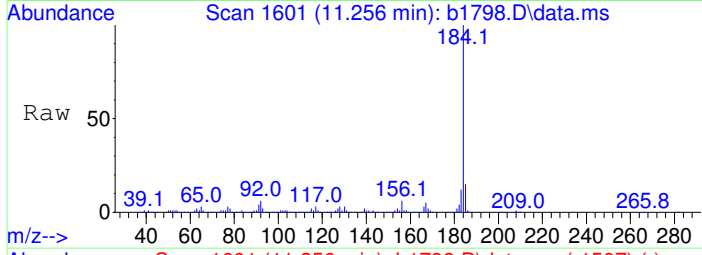
#68
 Anthracene
 Concen: 78.25 ug
 RT: 9.972 min Scan# 1361
 Delta R.T. 0.005 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

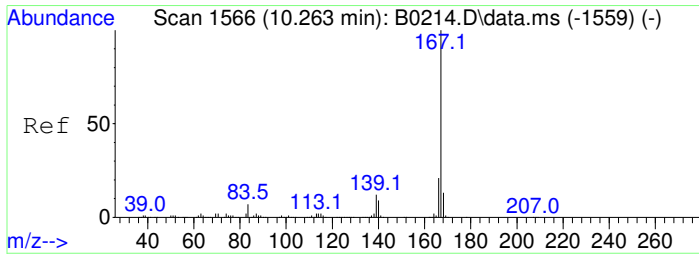
Tgt Ion:178	Resp: 1461536
Ion Ratio	Lower Upper
178	100
179	15.1 12.4 18.6
176	18.2 14.8 22.2



#69
 Benzidine
 Concen: 79.16 ug
 RT: 11.256 min Scan# 1601
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

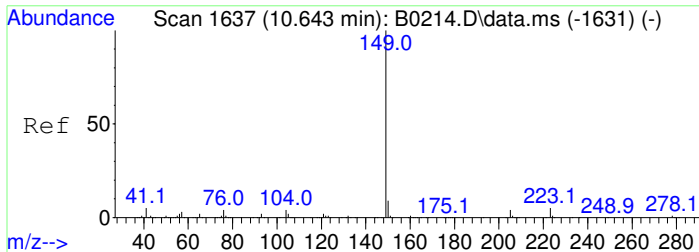
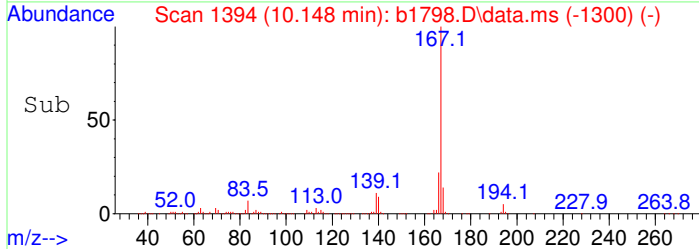
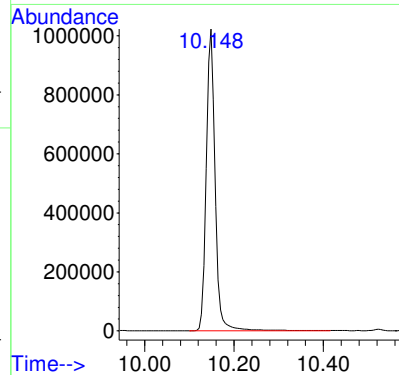
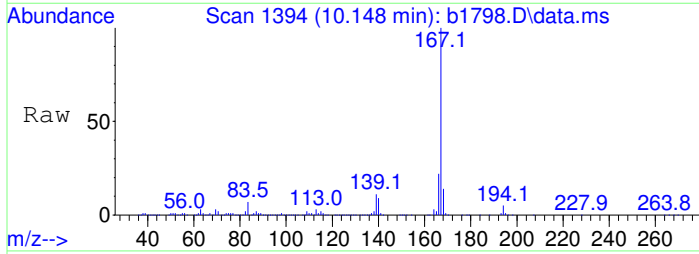
Tgt Ion:184	Resp: 612397
Ion Ratio	Lower Upper
184	100
92	6.5 4.3 6.5#





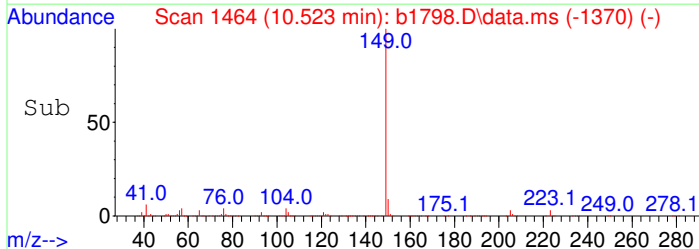
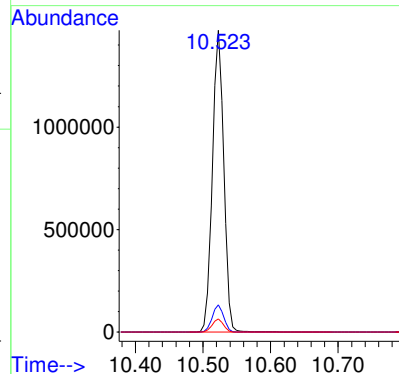
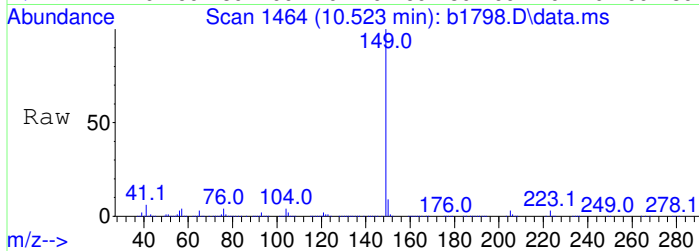
#70
 Carbazole
 Concen: 79.44 ug
 RT: 10.148 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

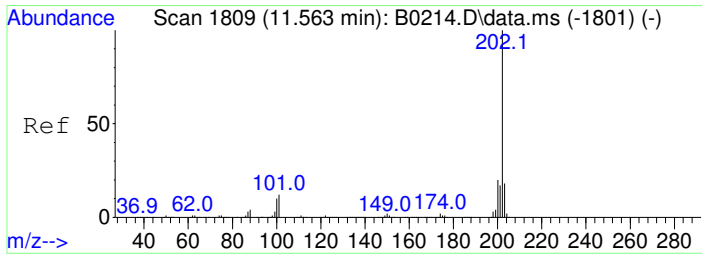
Tgt Ion:167 Resp: 1421105



#71
 Di-n-butylphthalate
 Concen: 80.64 ug
 RT: 10.523 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

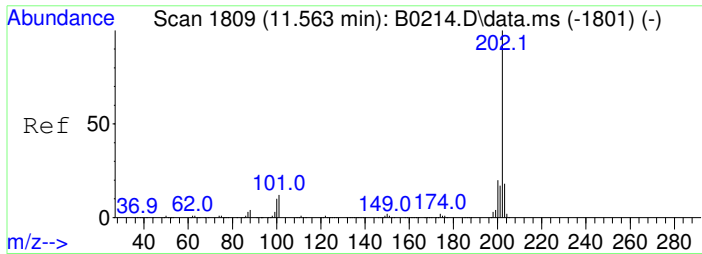
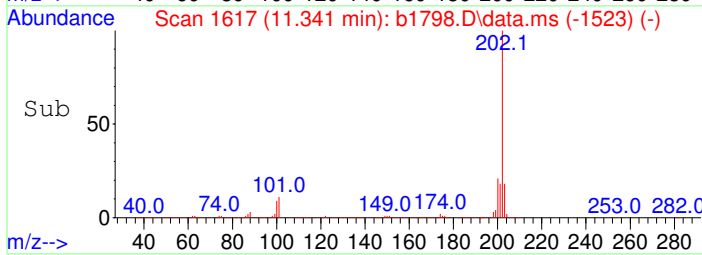
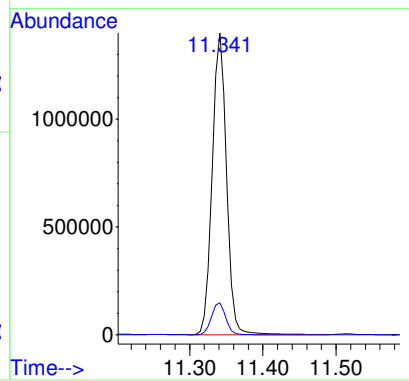
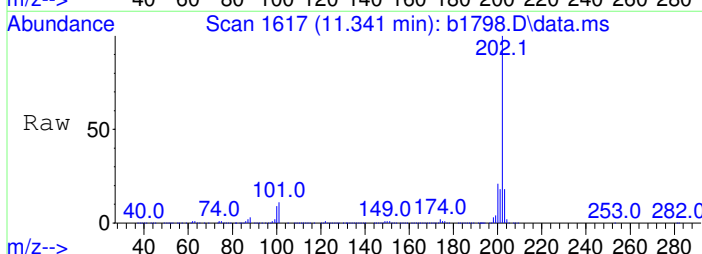
Tgt Ion:149 Resp: 1730858
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.4 4.1 6.1





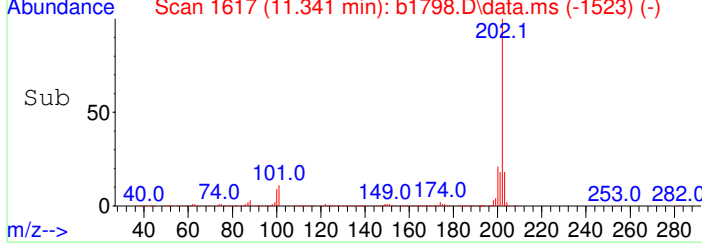
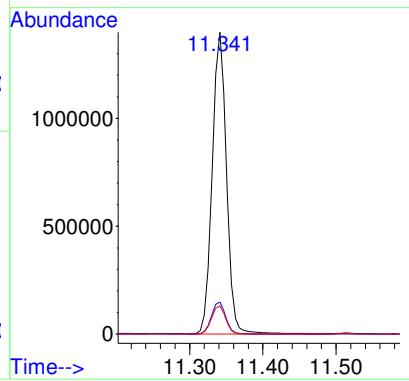
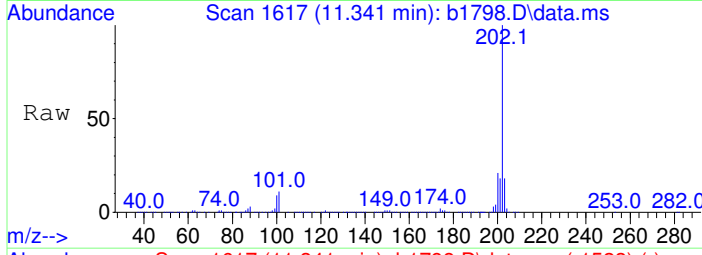
#72
 Fluoranthene
 Concen: 79.14 ug
 RT: 11.341 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

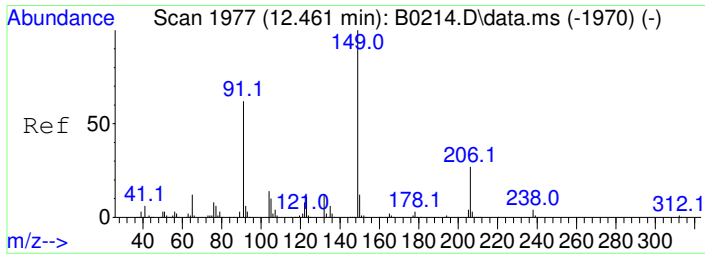
Tgt Ion:	202	Resp:	1892053
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.3	13.9



#74
 Pyrene
 Concen: 79.19 ug
 RT: 11.341 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

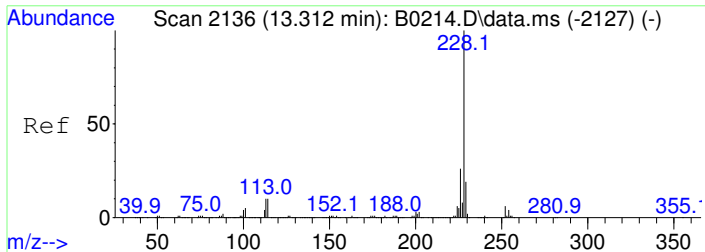
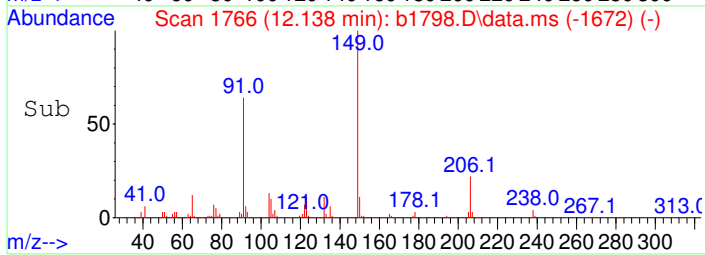
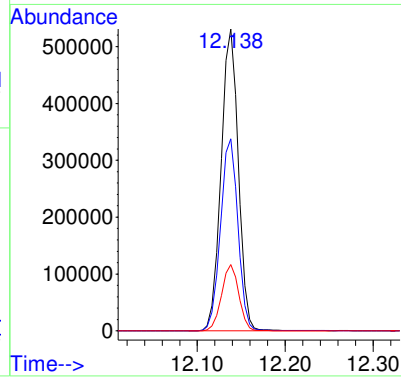
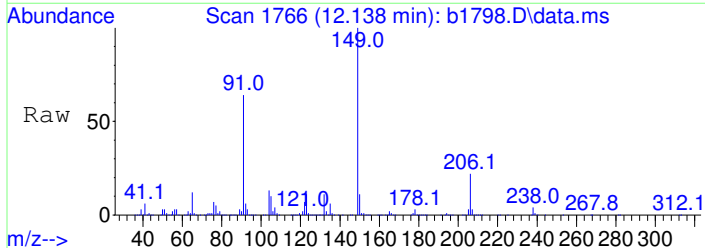
Tgt Ion:	202	Resp:	1892053
Ion Ratio	Lower	Upper	
202	100		
101	10.6	11.0	16.6#
100	9.4	8.9	13.3





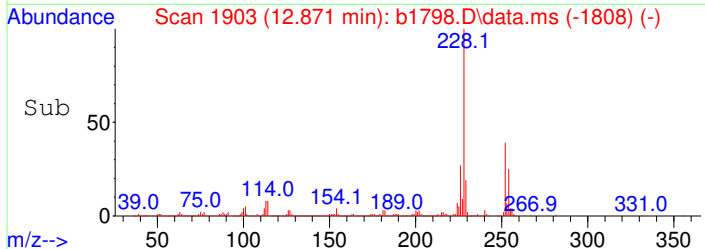
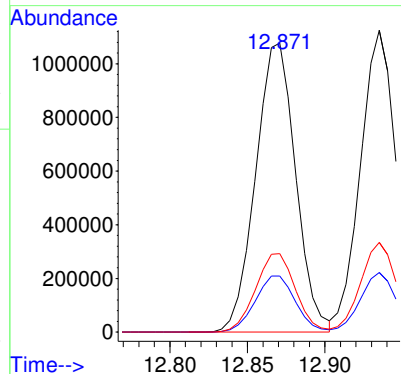
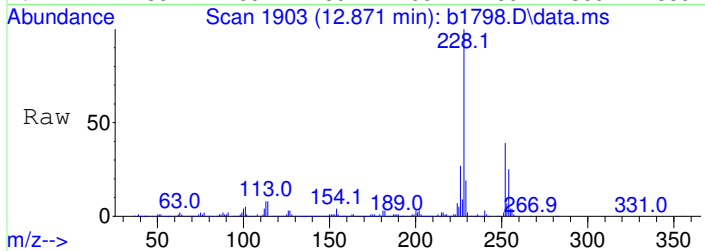
#76
 Butylbenzylphthalate
 Concen: 79.50 ug
 RT: 12.138 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

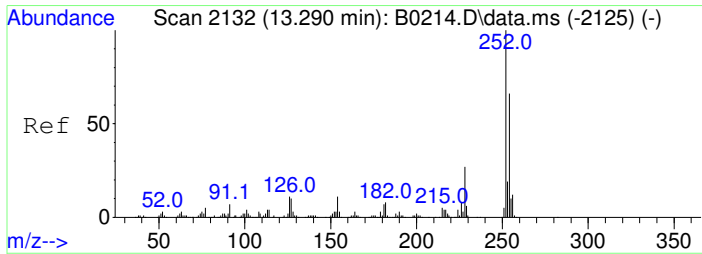
Tgt Ion:	149	Resp:	725325
Ion Ratio	Lower	Upper	
149	100		
91	64.0	48.0	72.0
206	22.0	21.6	32.4



#77
 Benzo[a]anthracene
 Concen: 79.35 ug
 RT: 12.871 min Scan# 1903
 Delta R.T. 0.005 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

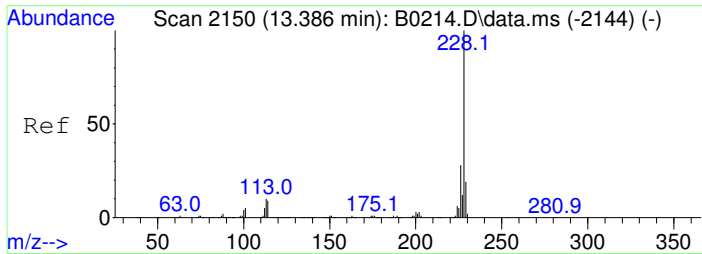
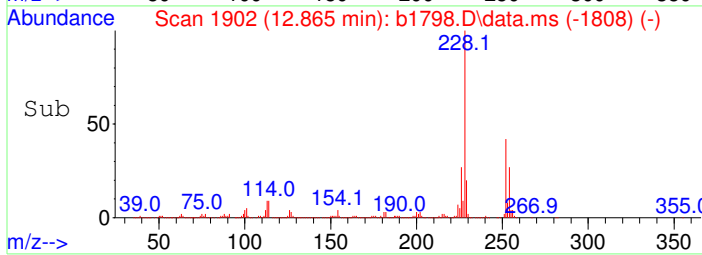
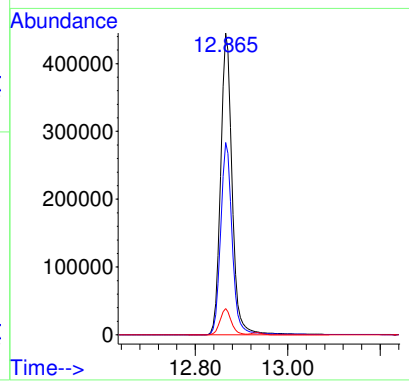
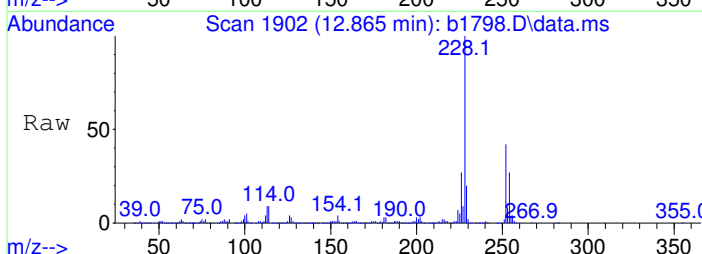
Tgt Ion:	228	Resp:	1927709
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.5	23.3
226	27.1	21.5	32.3





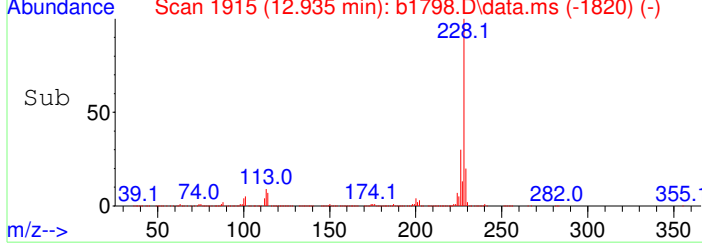
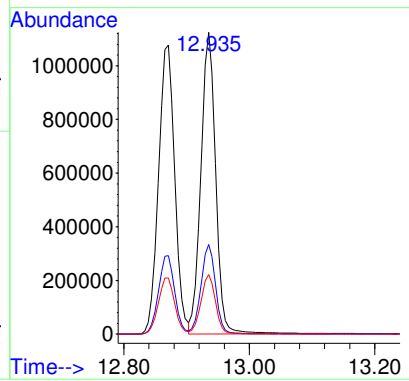
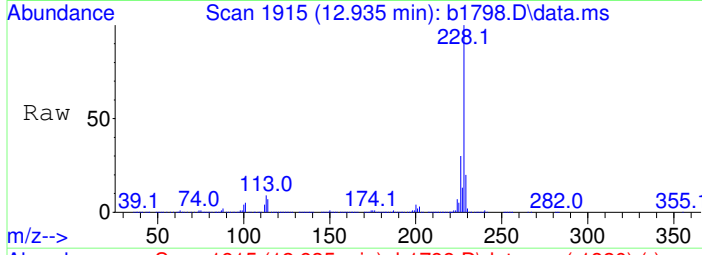
#78
3,3'-Dichlorobenzidine
Concen: 79.69 ug
RT: 12.865 min Scan# 1902
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

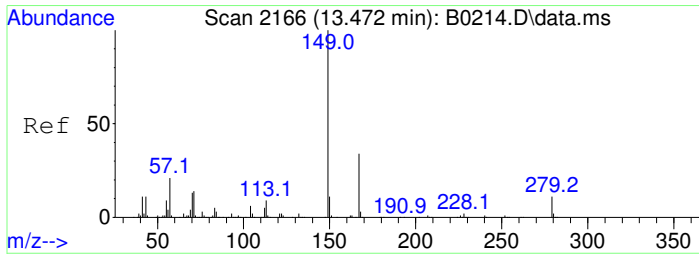
Tgt	Ion	252	Resp	768946
Ion	Ratio	100	Lower	Upper
252		100		
254	63.8		50.6	75.8
126	8.5		8.0	12.0



#79
Chrysene
Concen: 78.49 ug
RT: 12.935 min Scan# 1915
Delta R.T. 0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

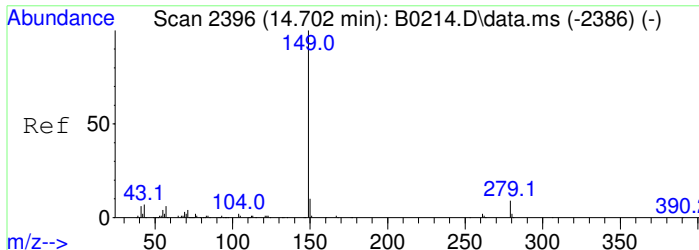
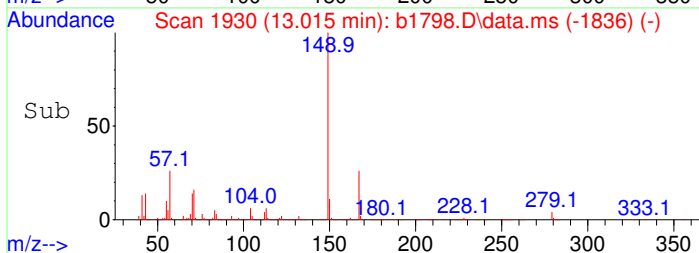
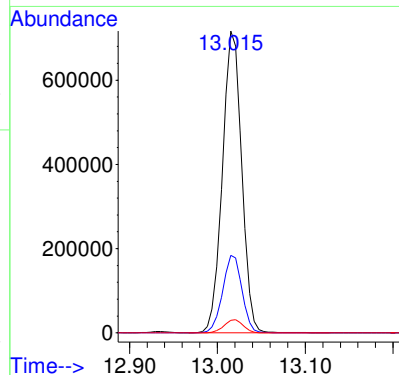
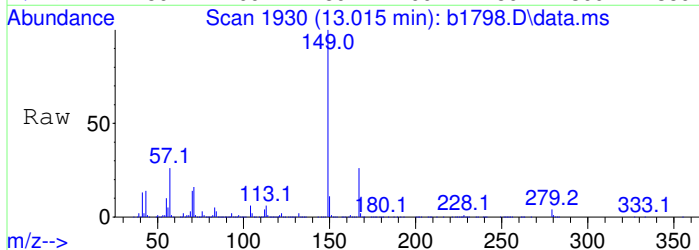
Tgt	Ion	228	Resp	1834210
Ion	Ratio	100	Lower	Upper
228		100		
226	29.4		23.7	35.5
229	19.5		15.5	23.3





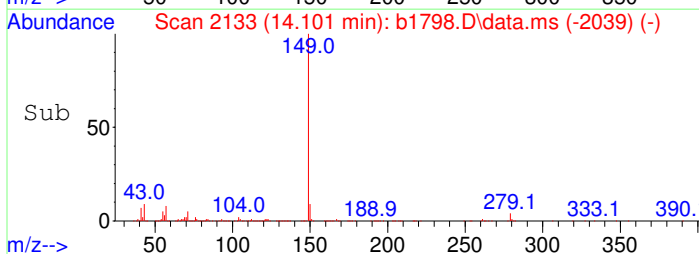
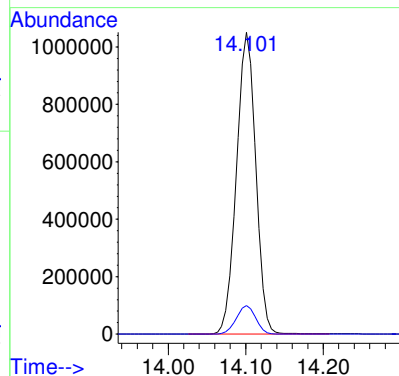
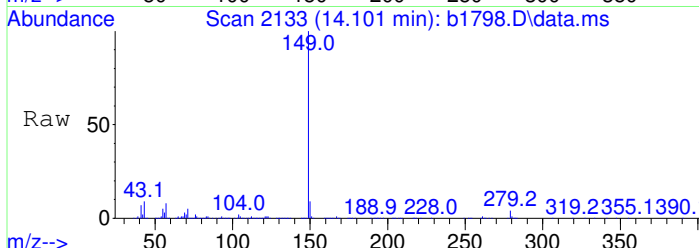
#80
bis(2-Ethylhexyl)phtha
Concen: 79.53 ug
RT: 13.015 min Scan# 1930
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

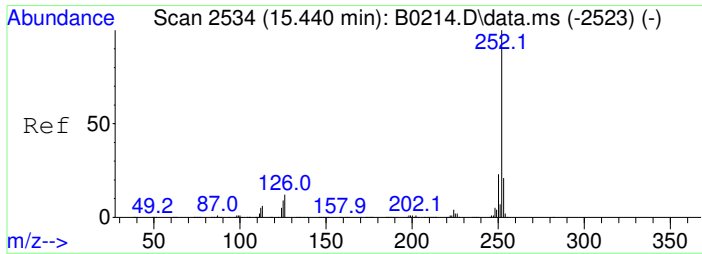
Tgt Ion:149	Resp: 1091922
Ion Ratio	Lower Upper
149 100	
167 25.8	20.4 30.6
279 4.4	3.4 5.2



#82
Di-n-octylphthalate
Concen: 80.36 ug
RT: 14.101 min Scan# 2133
Delta R.T. 0.000 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

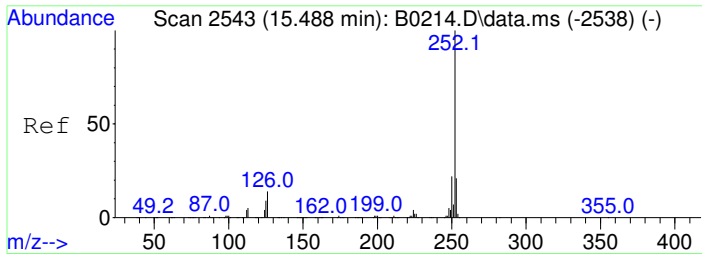
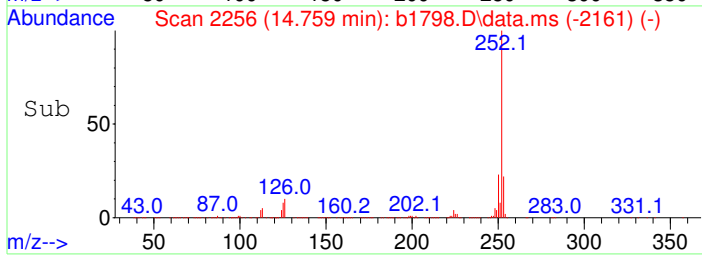
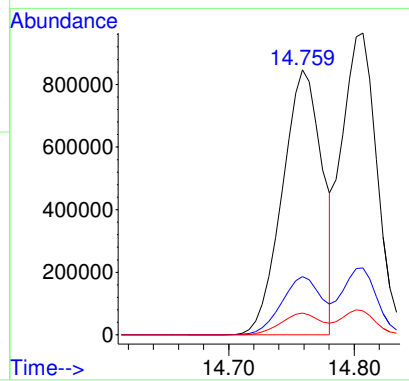
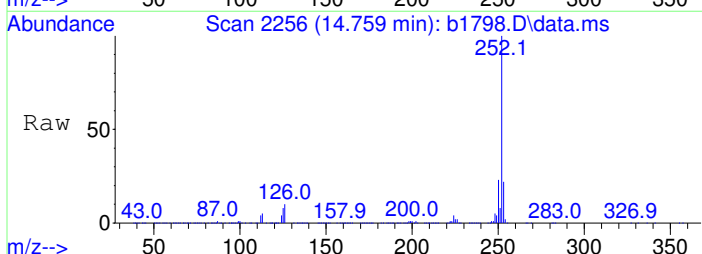
Tgt Ion:149	Resp: 1811586
Ion Ratio	Lower Upper
149 100	
150 9.5	8.9 13.3





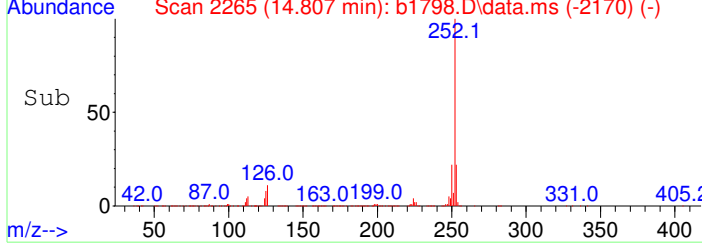
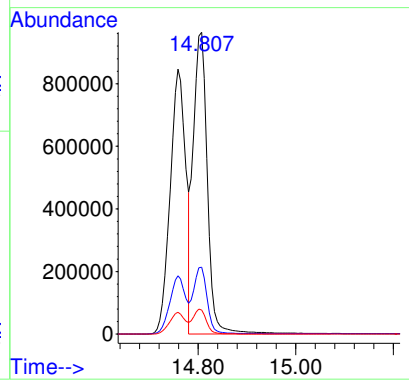
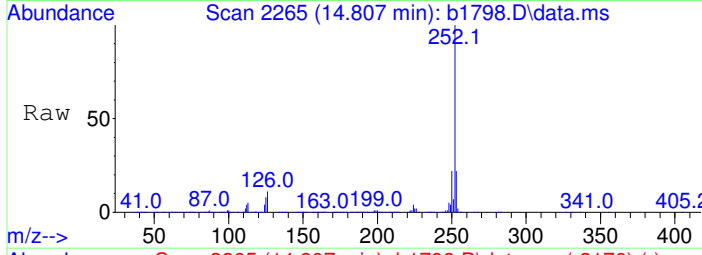
#83
Benzo[b]fluoranthene
Concen: 78.80 ug
RT: 14.759 min Scan# 2256
Delta R.T. 0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

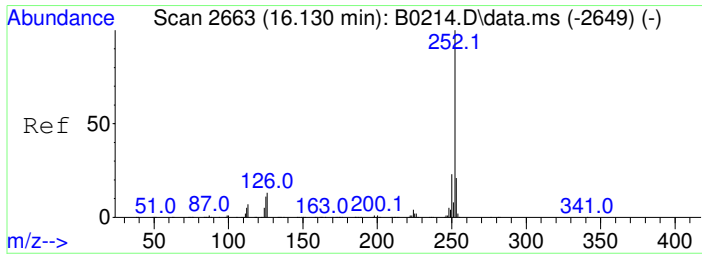
Tgt	Ion	252	Resp	1871880
Ion	Ratio	Lower	Upper	
252	100			
253	22.1	17.5	26.3	
125	8.3	6.6	9.8	



#84
Benzo[k]fluoranthene
Concen: 80.54 ug
RT: 14.807 min Scan# 2265
Delta R.T. 0.005 min
Lab File: b1798.D
Acq: 19 Jul 2024 9:05 am

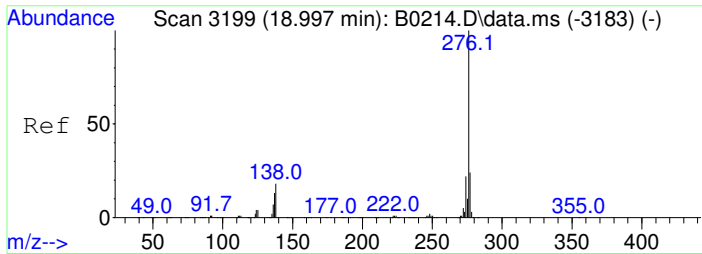
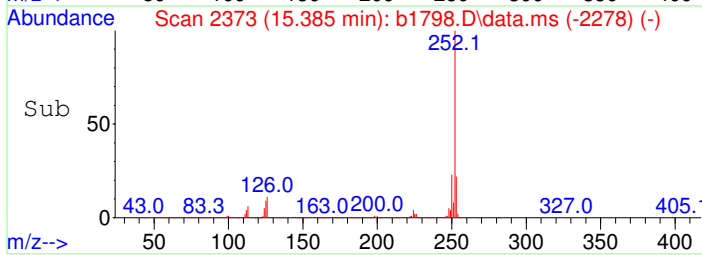
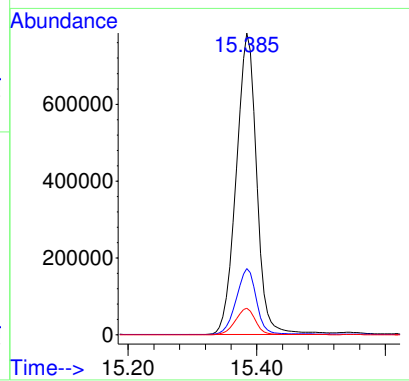
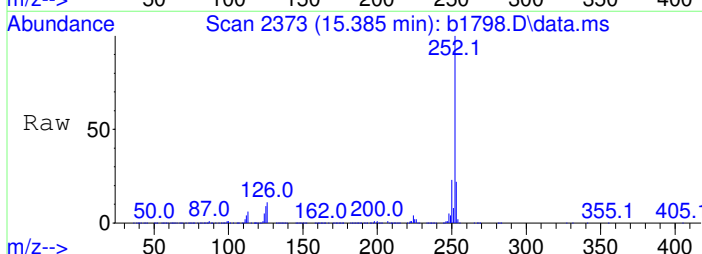
Tgt	Ion	252	Resp	1932211
Ion	Ratio	Lower	Upper	
252	100			
253	21.7	17.7	26.5	
125	7.9	6.6	9.8	





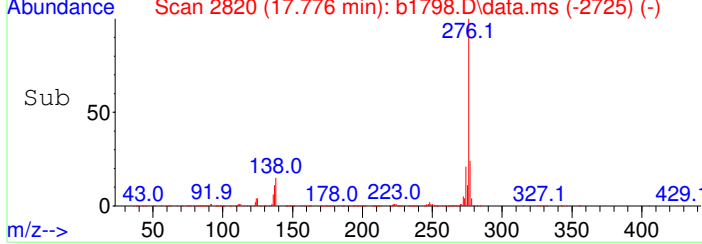
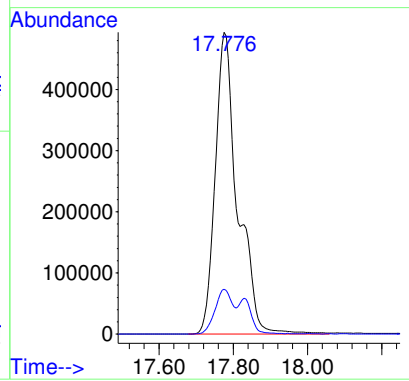
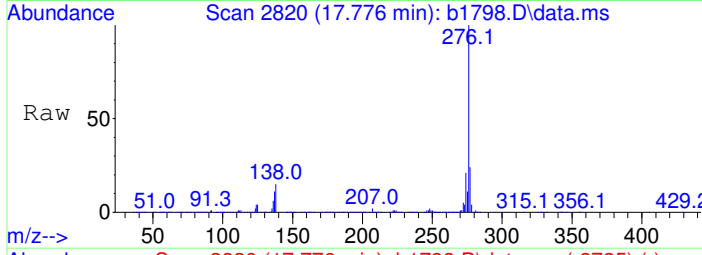
#85
 Benzo[a]pyrene
 Concen: 79.41 ug
 RT: 15.385 min Scan# 2373
 Delta R.T. 0.005 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

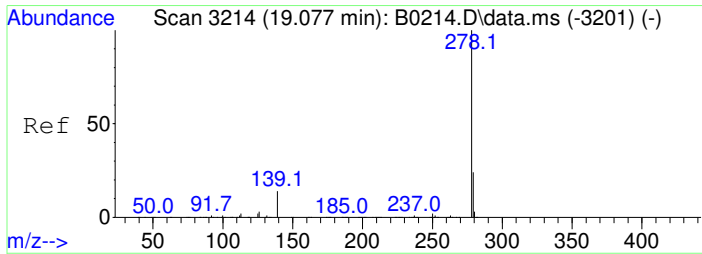
Tgt Ion:252	Resp: 1732212
Ion Ratio	Lower Upper
252 100	
253 21.7	17.6 26.4
125 8.7	7.2 10.8



#86
 Indeno[1,2,3-cd]pyrene
 Concen: 95.52 ug
 RT: 17.776 min Scan# 2820
 Delta R.T. 0.005 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

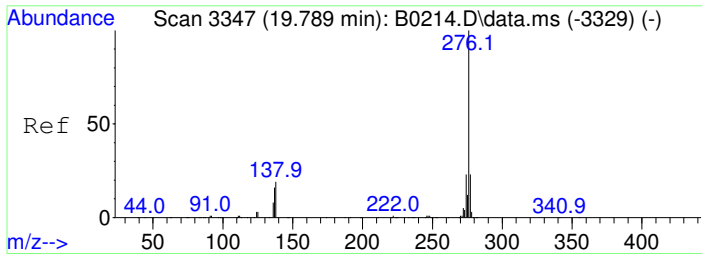
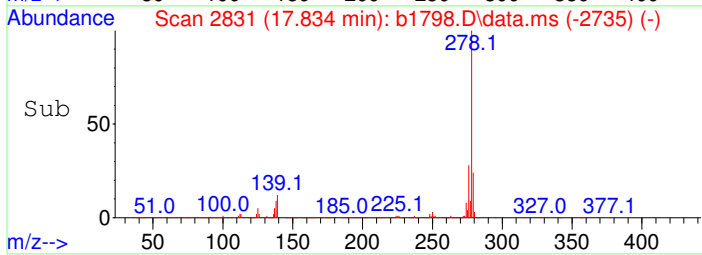
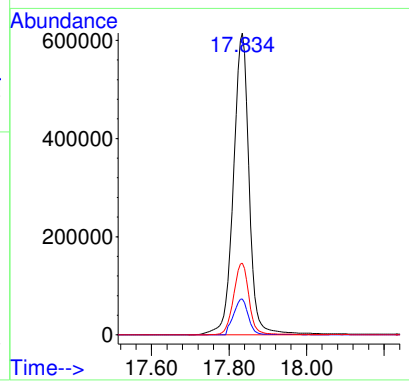
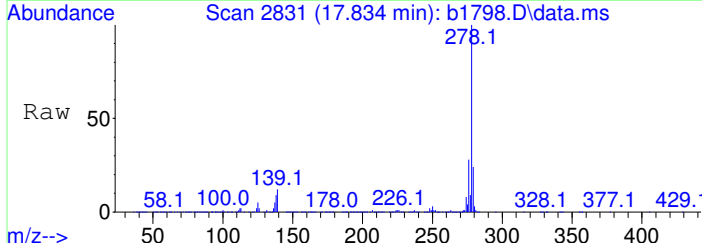
Tgt Ion:276	Resp: 2064731
Ion Ratio	Lower Upper
276 100	
138 11.8	11.8 17.8#





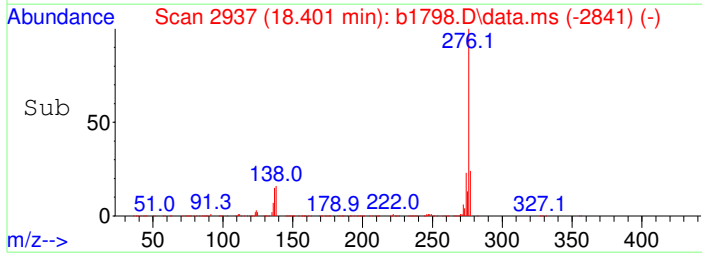
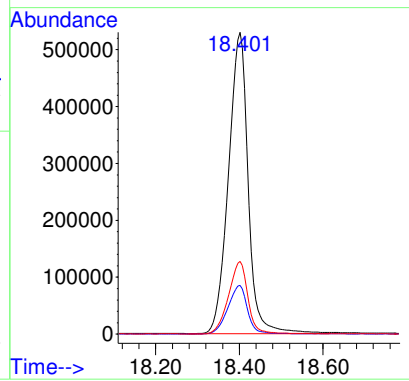
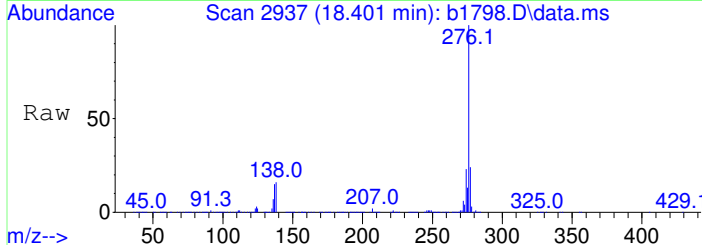
#87
 Dibenz[a,h]anthracene
 Concen: 78.52 ug
 RT: 17.834 min Scan# 2831
 Delta R.T. 0.011 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

Tgt Ion:	278	Resp:	1733810
Ion Ratio	Lower	Upper	
278	100		
139	11.2	9.4	14.2
279	23.5	18.9	28.3



#88
 Benzo[g,h,i]perylene
 Concen: 78.43 ug
 RT: 18.401 min Scan# 2937
 Delta R.T. 0.011 min
 Lab File: b1798.D
 Acq: 19 Jul 2024 9:05 am

Tgt Ion:	276	Resp:	1732417
Ion Ratio	Lower	Upper	
276	100		
138	16.1	15.0	22.6
277	23.7	18.3	27.5



Data Path : D:\2\data\071924\
 Data File : b1799.D
 Acq On : 19 Jul 2024 9:32 am
 Operator :
 Sample : sstd120
 Misc : ICAL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 01 14:12:13 2024
 Quant Method : C:\msdchem\2\qtmethods-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

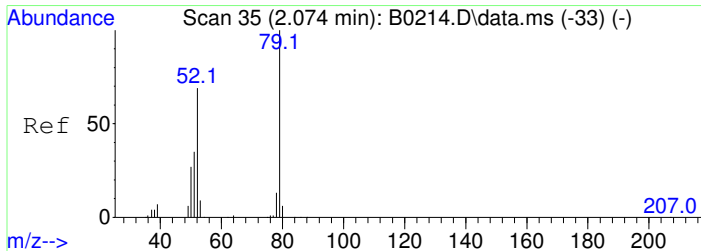
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	157639	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	619041	40.00	ug	0.00
37) Acenaphthene-d10	8.453	164	386514	40.00	ug	0.00
58) Phenanthrene-d10	9.902	188	796359	40.00	ug	0.00
73) Chrysene-d12	12.897	240	743072	40.00	ug	0.00
81) Perylene-d12	15.497	264	827222	40.00	ug	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.382	112	614452	123.14	ug	0.00
3) Phenol-d5	5.276	99	591125	125.01	ug	0.00
22) Nitrobenzene-d5	6.051	82	610728	114.70	ug	0.00
42) 2-Fluorobiphenyl	7.795	172	1582782	115.39	ug	0.00
61) 2,4,6-Tribromophenol	9.250	330	376777	120.78	ug	0.00
75) Terphenyl-d14	11.518	244	2514044	117.95	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.960	79	528096	122.35	ug	93
5) n-Nitrosodimethylamine	2.970	74	305304	118.69	ug	100
6) Benzaldehyde	5.088	77	438664	115.46	ug	88
7) Aniline	5.233	93	737514	120.74	ug	100
8) Phenol	5.286	94	694346	117.76	ug	# 85
9) bis(2-Chloroethyl)ether	5.276	93	544466	115.54	ug	96
10) 2-Chlorophenol	5.356	128	573254	117.56	ug	# 89
11) 1,3-Dichlorobenzene	5.458	146	669315	117.10	ug	100
12) 1,4-Dichlorobenzene	5.506	146	712220	114.72	ug	99
13) Benzyl alcohol	5.827	108	499564	114.03	ug	# 51
14) 1,2-Dichlorobenzene	5.682	146	674210	117.73	ug	99
15) 2-Methylphenol	5.827	108	499564	114.03	ug	85
16) bis(2-chloroisopropyl)	5.794	45	670553	115.00	ug	# 77
17) Acetophenone	5.901	105	954248	117.17	ug	97
18) 4-Methylphenol	5.971	108	585799	115.96	ug	94
19) n-Nitroso-di-n-propyla	5.928	70	397312	115.19	ug	96
20) Hexachloroethane	5.976	117	249122	117.02	ug	99
23) Nitrobenzene	6.067	77	662815	117.60	ug	98
24) Isophorone	6.292	82	760724	114.49	ug	100
25) 2-Nitrophenol	6.377	139	335943	116.06	ug	97
26) 2,4-Dimethylphenol	6.452	107	515945	117.87	ug	97
27) bis(2-Chloroethoxy)met	6.511	93	656434	115.72	ug	97
28) 2,4-Dichlorophenol	6.640	162	563691	116.47	ug	99
29) 1,2,4-Trichlorobenzene	6.682	180	677272	114.69	ug	100
30) Naphthalene	6.741	128	1774944	113.95	ug	99
31) Benzoic Acid	6.613	105	339266	110.16	ug	89
32) 4-Chloroaniline	6.832	127	740847	115.87	ug	99
33) Hexachlorobutadiene	6.918	225	441813	116.89	ug	99
34) Capralactam	7.174	113	155802	117.50	ug	97
35) 4-Chloro-3-methylphenol	7.351	107	501815	114.63	ug	# 1
36) 2-Methylnaphthalene	7.415	142	1360315	111.72	ug	94
38) Hexachlorocyclopentadiene	7.634	237	489423	116.94	ug	99
39) 2,4,6-Trichlorophenol	7.741	196	462577	118.84	ug	98
40) 2,4,5-Trichlorophenol	7.806	196	535201	118.01	ug	98
41) Biphenyl	7.880	154	1753358	115.24	ug	# 88
43) 2-Chloronaphthalene	7.891	162	1323635	114.57	ug	97
44) 2-Nitroaniline	8.041	65	358579	116.11	ug	# 79
45) Dimethylphthalate	8.233	163	1515878	115.82	ug	# 96
46) Acenaphthylene	8.303	152	1762325	115.23	ug	99
47) 2,6-Dinitrotoluene	8.303	165	336390	118.44	ug	99
48) 3-Nitroaniline	8.453	138	336052	116.77	ug	# 29

Data Path : D:\2\data\071924\
 Data File : b1799.D
 Acq On : 19 Jul 2024 9:32 am
 Operator :
 Sample : sstd120
 Misc : ICAL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 01 14:12:13 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

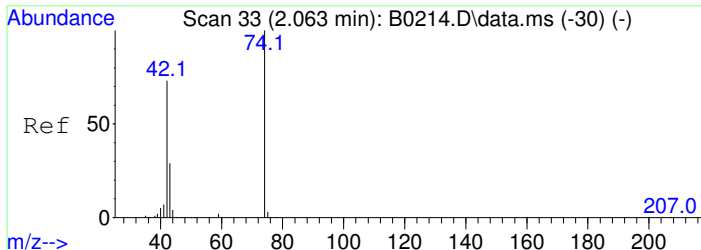
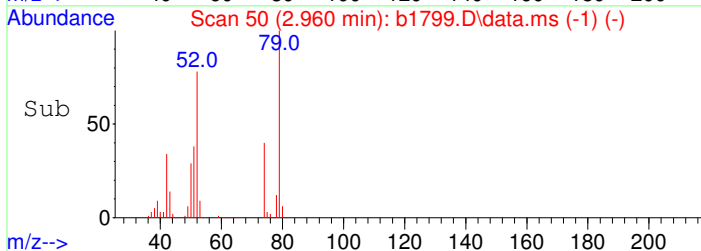
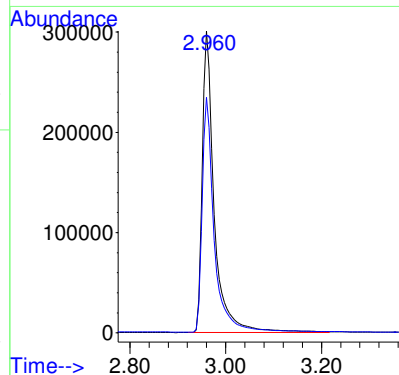
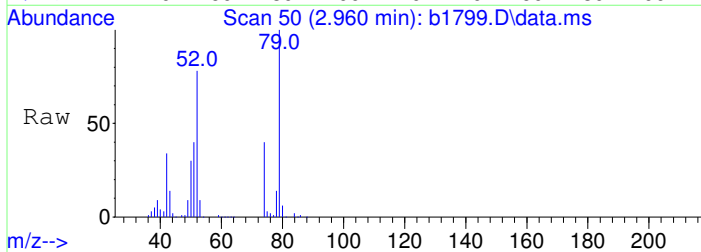
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
49) Acenaphthene	8.485	153	1285952	115.42	ug	95
50) 2,4-Dinitrophenol	8.554	184	177682	114.22	ug	90
51) 4-Nitrophenol	8.709	109	159994	120.88	ug	96
52) Dibenzofuran	8.645	168	1911483	114.43	ug	92
53) 2,4-Dinitrotoluene	8.693	165	481682	119.35	ug	# 77
54) Diethylphthalate	8.923	149	1507797	115.57	ug	97
55) Fluorene	8.982	166	1500418	115.13	ug	95
56) 4-Chlorophenyl-phenyle	8.982	204	814098	114.98	ug	98
57) 4-Nitroaniline	9.073	138	330942	115.97	ug	93
59) 4,6-Dinitro-2-methylph	9.100	198	322171	136.08	ug	100
60) n-Nitrosodiphenylamine	9.111	169	1081795	114.44	ug	89
62) Azobenzene	9.137	77	1466019	116.17	ug	# 82
63) 4-Bromophenyl-phenylether	9.458	248	570811	117.07	ug	95
64) Hexachlorobenzene	9.608	284	723538	115.71	ug	# 90
65) Atrazine	9.672	200	523105	115.71	ug	100
66) Pentachlorophenol	9.806	266	325977	130.66	ug	97
67) Phenanthrene	9.929	178	2256857	115.84	ug	100
68) Anthracene	9.972	178	2202510	115.68	ug	99
69) Benzidine	11.255	184	795734	100.90	ug	97
70) Carbazole	10.148	167	2085795	114.38	ug	100
71) Di-n-butylphthalate	10.523	149	2537687	115.98	ug	99
72) Fluoranthene	11.341	202	2772667	113.76	ug	99
74) Pyrene	11.341	202	2772667	116.33	ug	94
76) Butylbenzylphthalate	12.138	149	1078185	118.47	ug	93
77) Benzo[a]anthracene	12.871	228	2799232	115.51	ug	99
78) 3,3'-Dichlorobenzidine	12.865	252	1094265	113.68	ug	98
79) Chrysene	12.940	228	2708632	116.20	ug	99
80) bis(2-Ethylhexyl)phtha	13.020	149	1605972	117.26	ug	99
82) Di-n-octylphthalate	14.101	149	2689436	119.77	ug	96
83) Benzo[b]fluoranthene	14.764	252	2750661	116.25	ug	100
84) Benzo[k]fluoranthene	14.812	252	2787996	116.67	ug	99
85) Benzo[a]pyrene	15.390	252	2516376	115.82	ug	100
86) Indeno[1,2,3-cd]pyrene	17.786	276	2985732	138.67	ug	# 92
87) Dibenz[a,h]anthracene	17.845	278	2496201	113.50	ug	99
88) Benzo[g,h,i]perylene	18.412	276	2499380	113.61	ug	96

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



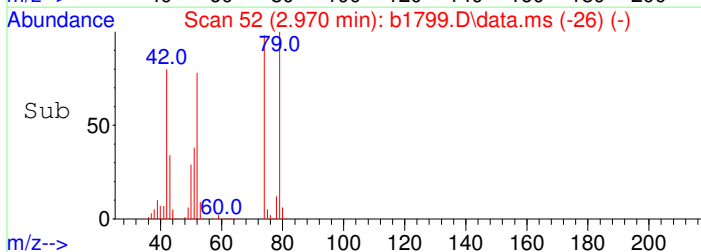
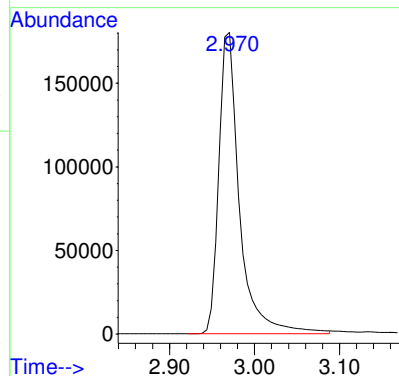
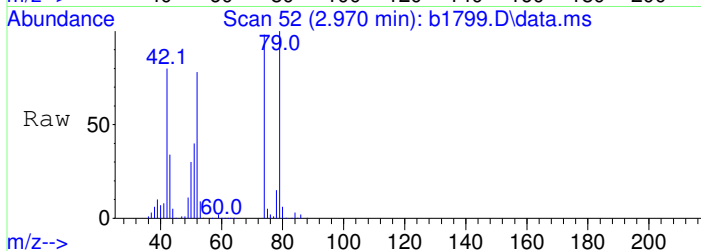
#4
Pyridine
Concen: 122.35 ug
RT: 2.960 min Scan# 50
Delta R.T. -0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

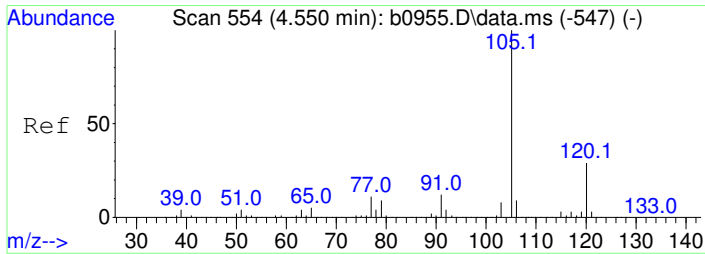
Tgt Ion: 79 Resp: 528096
Ion Ratio Lower Upper
79 100
52 78.1 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 118.69 ug
RT: 2.970 min Scan# 52
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

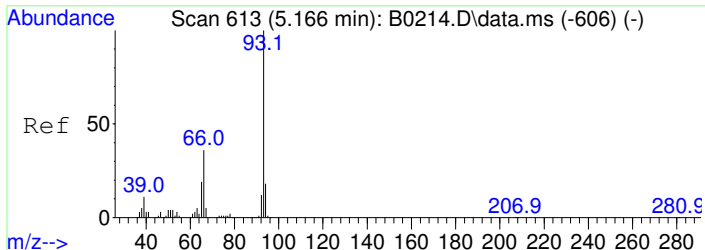
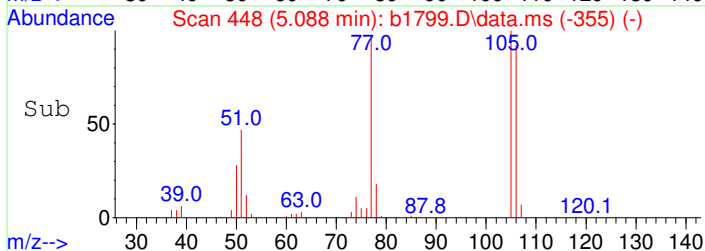
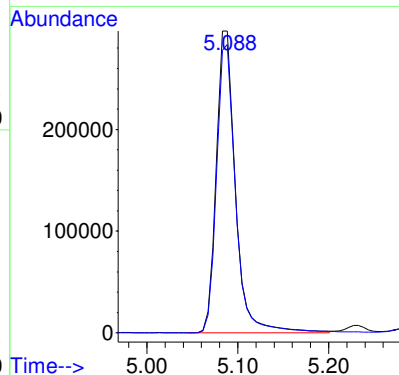
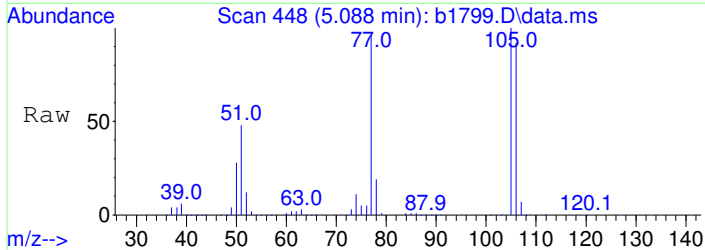
Tgt Ion: 74 Resp: 305304





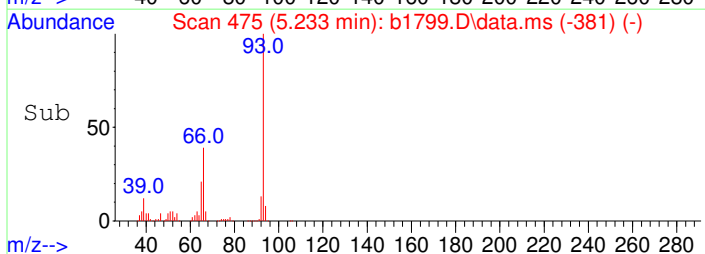
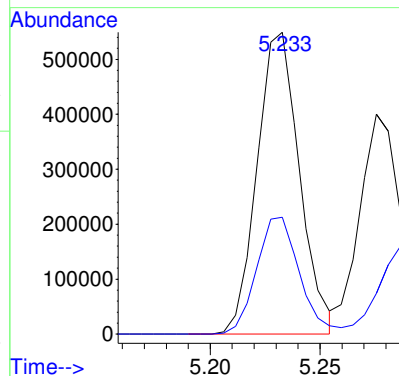
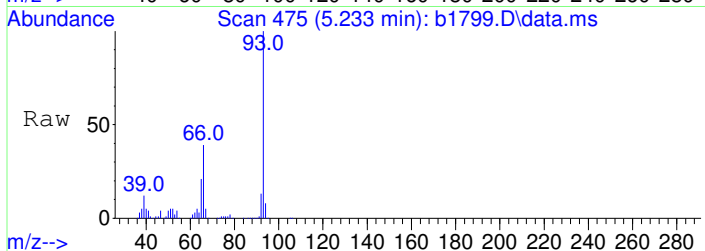
#6
Benzaldehyde
Concen: 115.46 ug
RT: 5.088 min Scan# 448
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

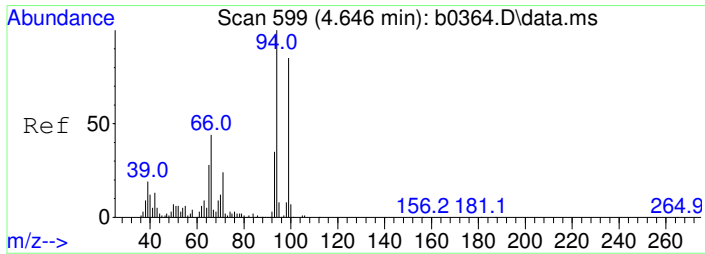
Tgt Ion: 77 Resp: 438664
Ion Ratio Lower Upper
77 100
106 95.6 86.2 129.2



#7
Aniline
Concen: 120.74 ug
RT: 5.233 min Scan# 475
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

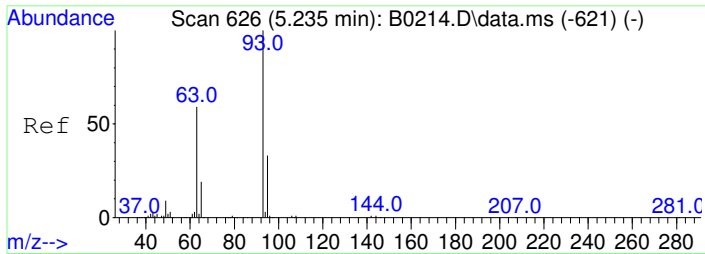
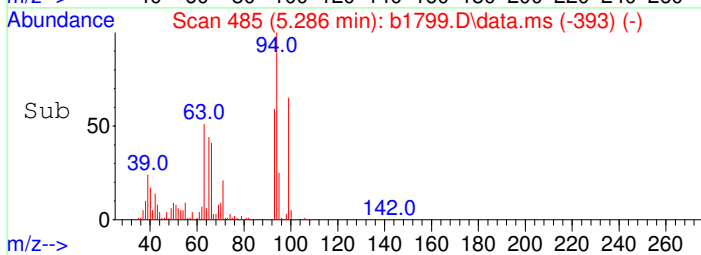
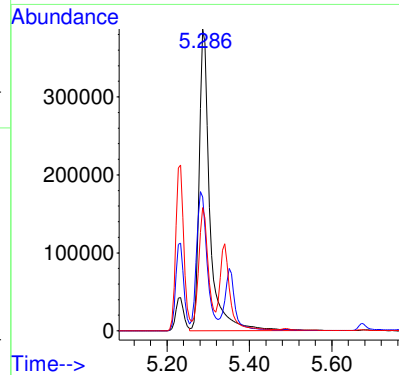
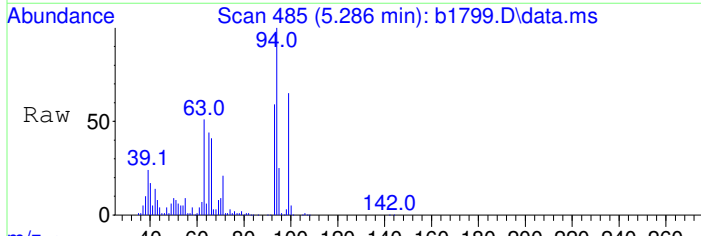
Tgt Ion: 93 Resp: 737514
Ion Ratio Lower Upper
93 100
66 39.3 31.4 47.2





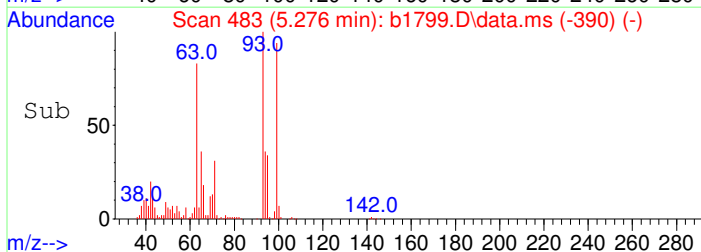
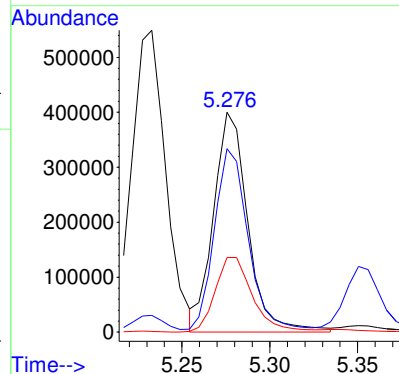
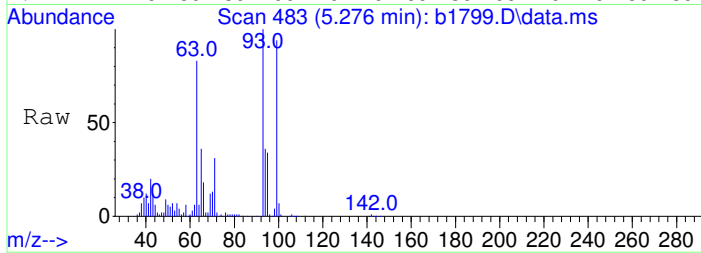
#8
Phenol
Concen: 117.76 ug
RT: 5.286 min Scan# 485
Delta R.T. -0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

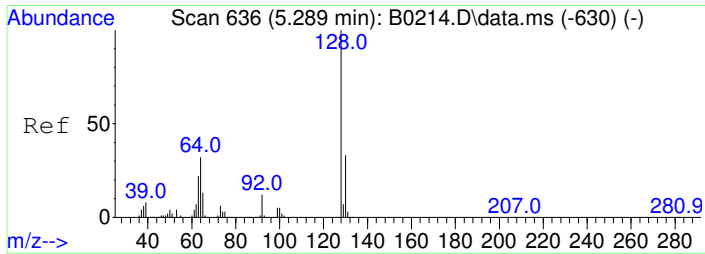
Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.5	25.7	38.5
66	37.0	33.5	50.3



#9
bis(2-Chloroethyl)ether
Concen: 115.54 ug
RT: 5.276 min Scan# 483
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

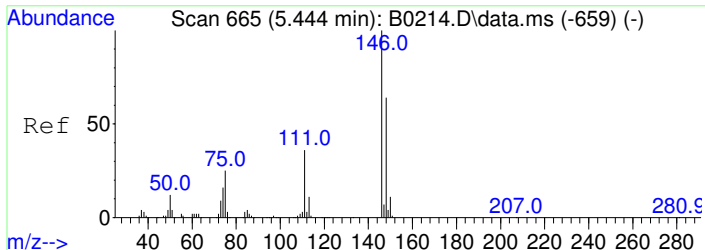
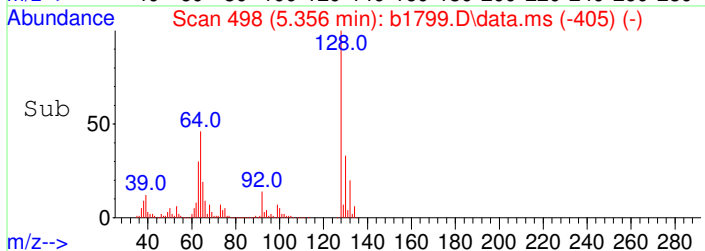
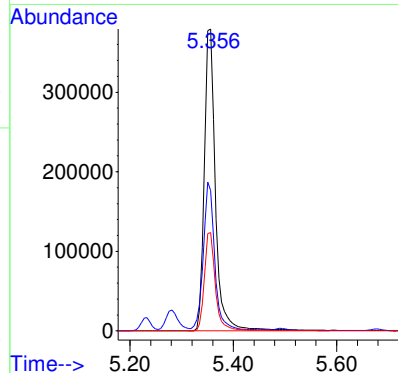
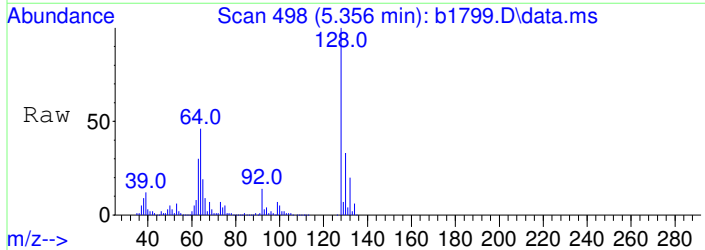
Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.7	67.0	100.4
95	37.0	24.8	37.2





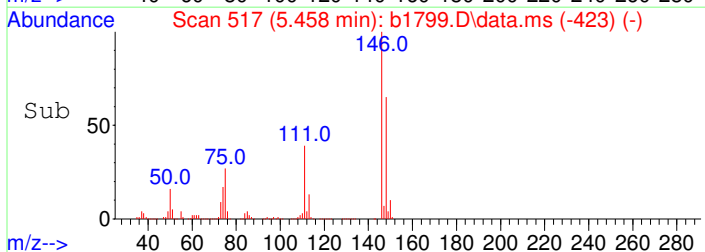
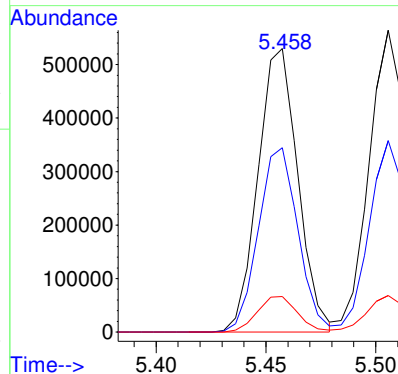
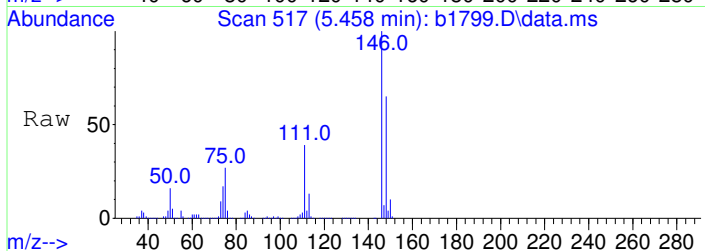
#10
 2-Chlorophenol
 Concen: 117.56 ug
 RT: 5.356 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

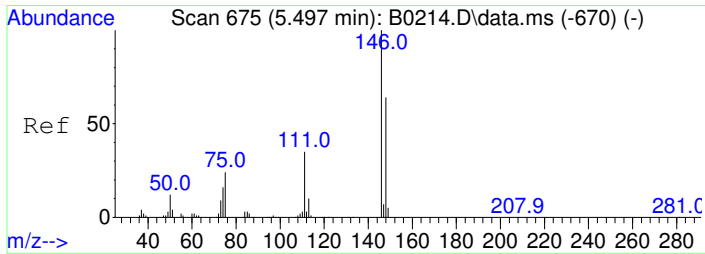
Tgt Ion	Ratio	Lower	Upper
128	100		
64	49.0	29.4	44.2#
130	32.3	25.9	38.9



#11
 1,3-Dichlorobenzene
 Concen: 117.10 ug
 RT: 5.458 min Scan# 517
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

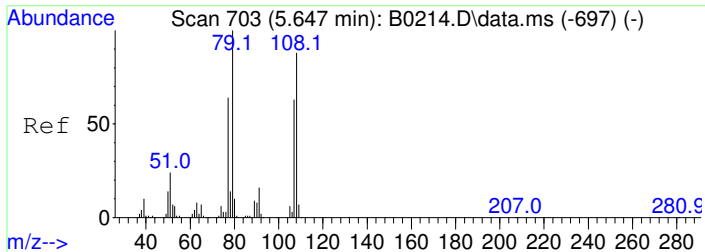
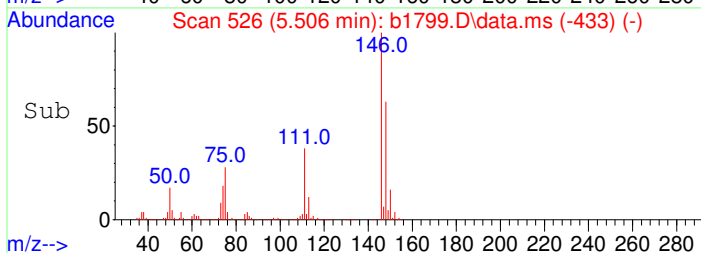
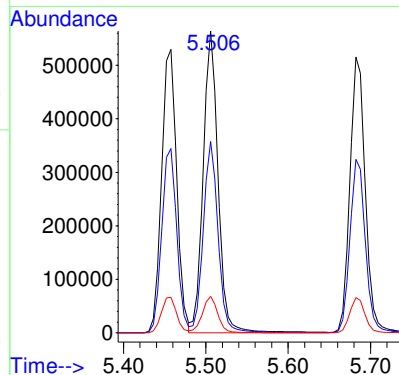
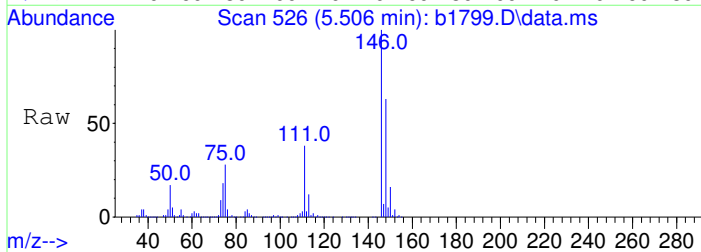
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
113	12.8	10.2	15.2





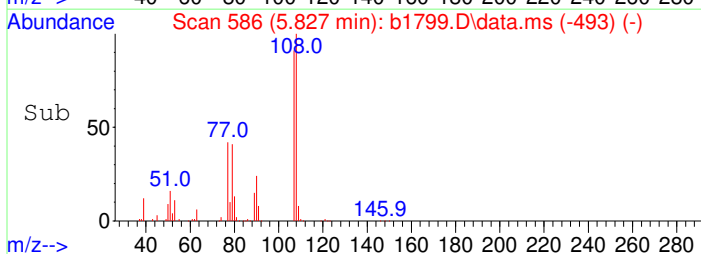
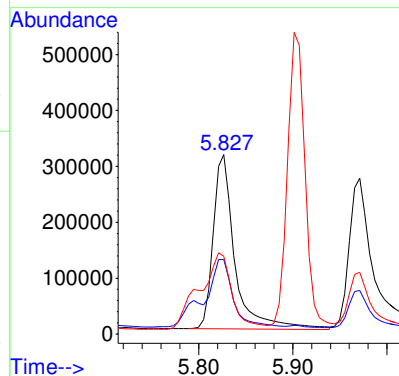
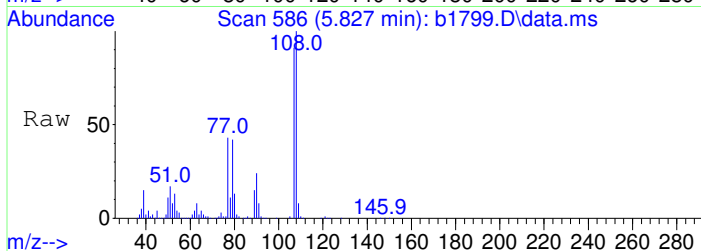
#12
1,4-Dichlorobenzene
Concen: 114.72 ug
RT: 5.506 min Scan# 526
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

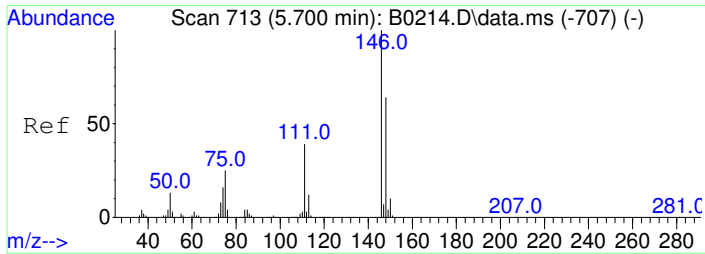
Tgt	Ion:146	Resp:	712220
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
113	12.4	9.9	14.9



#13
Benzyl alcohol
Concen: 114.03 ug
RT: 5.827 min Scan# 586
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

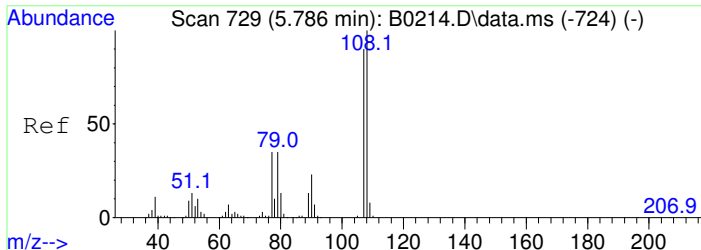
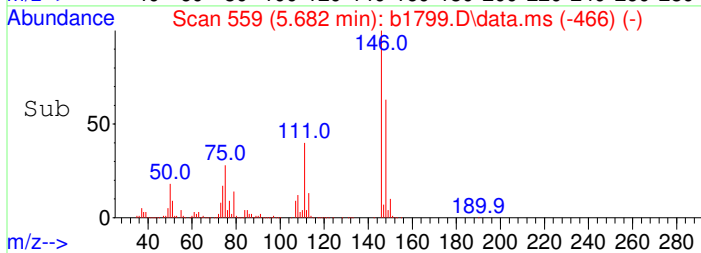
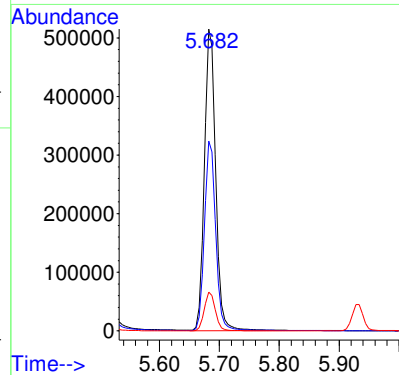
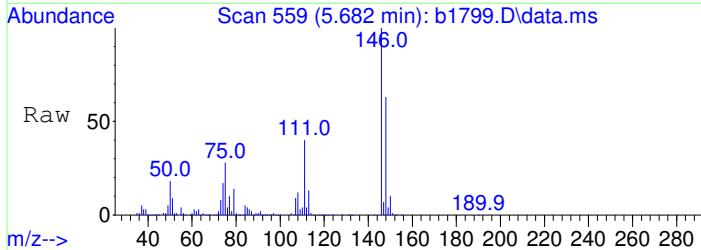
Tgt	Ion:108	Resp:	499564
Ion	Ratio	Lower	Upper
108	100		
79	39.3	98.0	147.0#
77	71.3	65.7	98.5





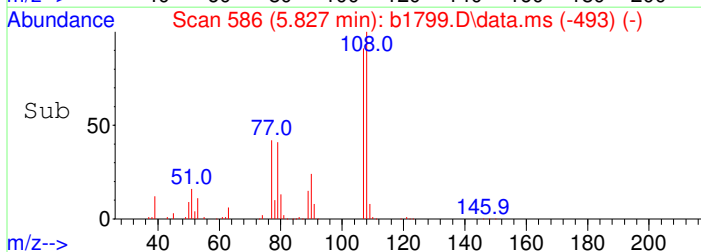
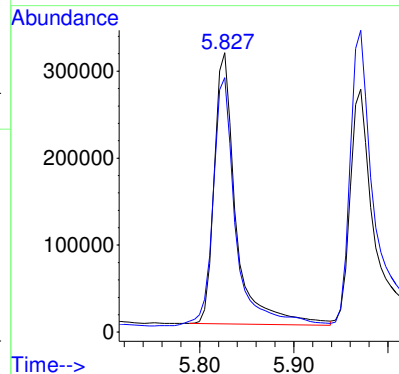
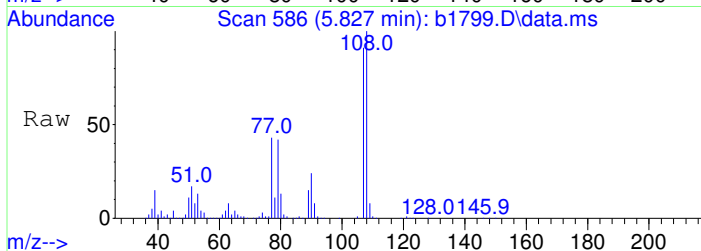
#14
1,2-Dichlorobenzene
Concen: 117.73 ug
RT: 5.682 min Scan# 559
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

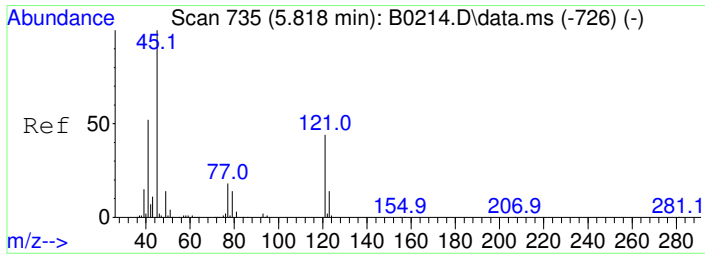
Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.7	50.7	76.1	
113	12.7	10.2	15.2	



#15
2-Methylphenol
Concen: 114.03 ug
RT: 5.827 min Scan# 586
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

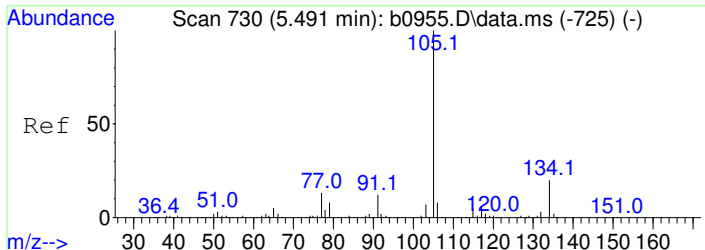
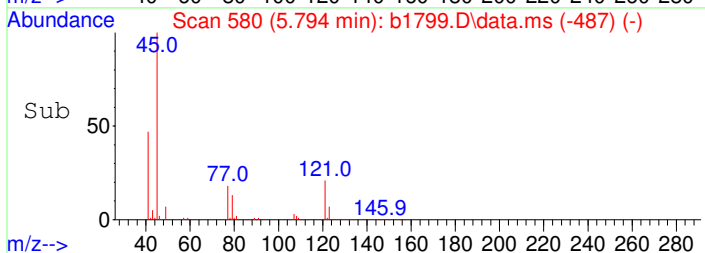
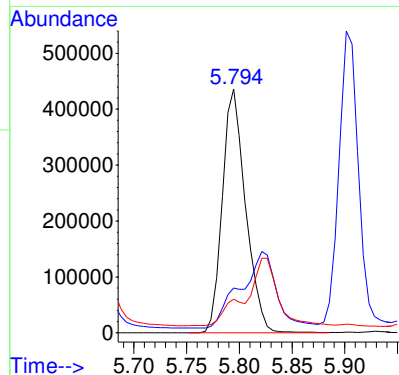
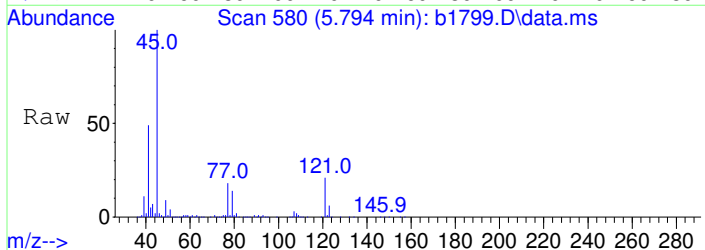
Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	107.0	74.0	111.0	





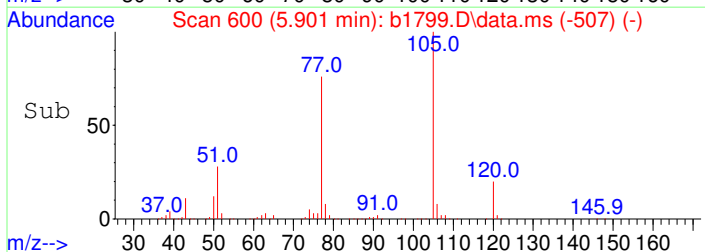
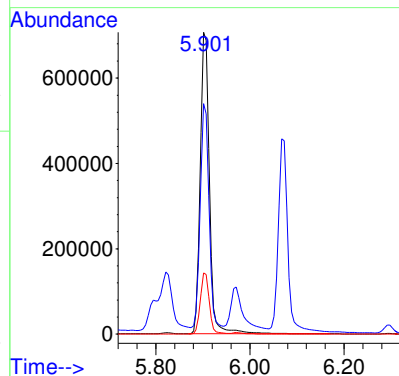
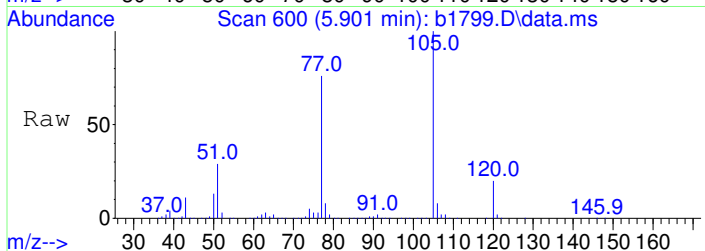
#16
bis(2-chloroisopropyl)
Concen: 115.00 ug
RT: 5.794 min Scan# 580
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

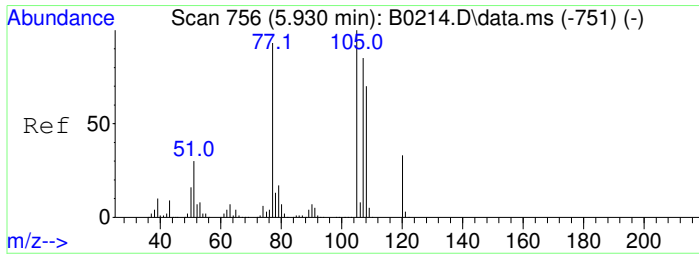
Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	11.9	17.9#
79	11.7	8.1	12.1



#17
Acetophenone
Concen: 117.17 ug
RT: 5.901 min Scan# 600
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

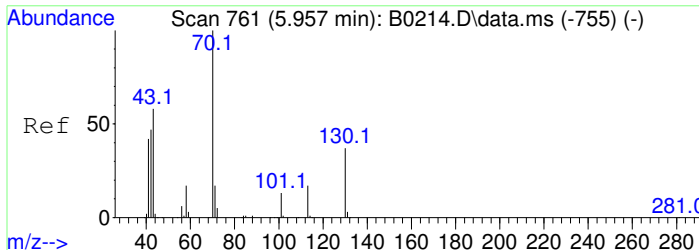
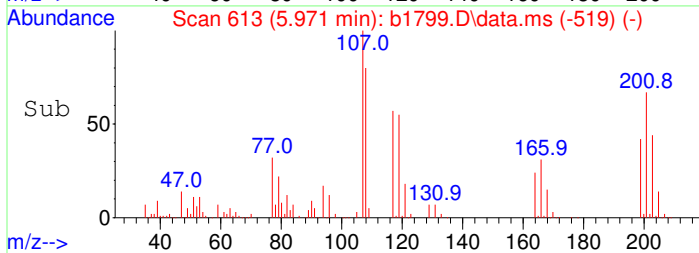
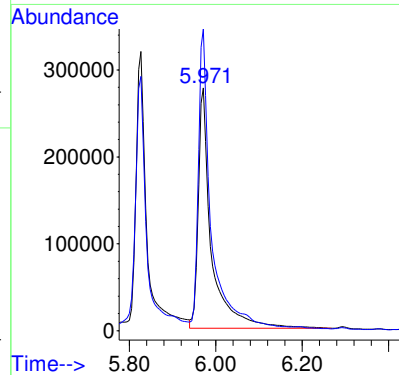
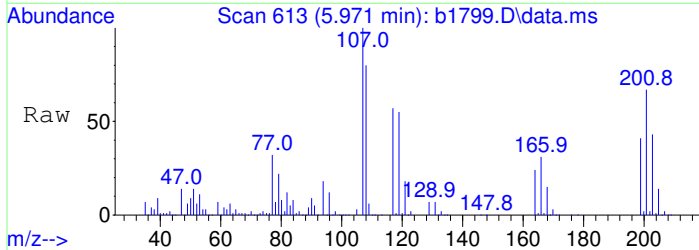
Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.0	63.0	94.4
120	19.7	16.1	24.1





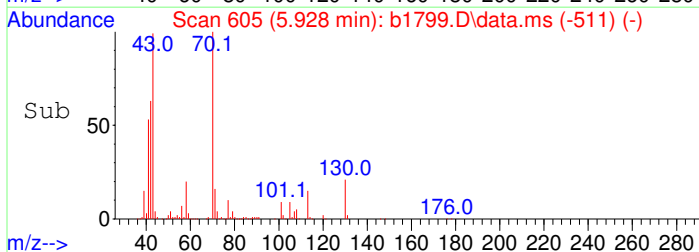
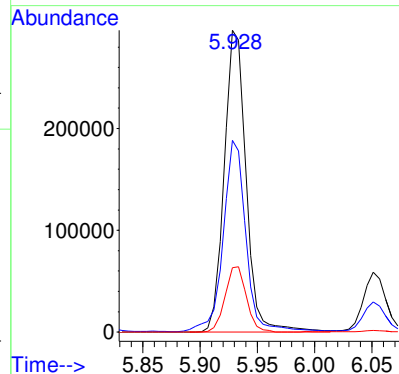
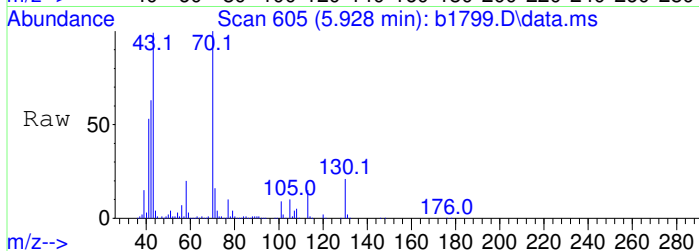
#18
4-Methylphenol
Concen: 115.96 ug
RT: 5.971 min Scan# 613
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

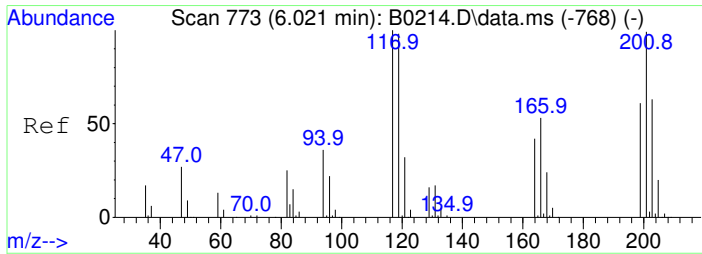
Tgt Ion	108	Resp	585799
Ion Ratio	Lower	Upper	
108	100		
107	119.4	100.8	151.2



#19
n-Nitroso-di-n-propyla
Concen: 115.19 ug
RT: 5.928 min Scan# 605
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

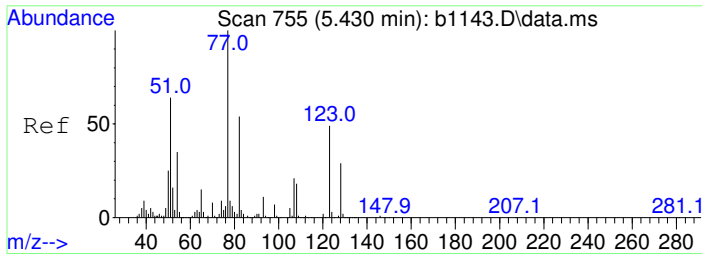
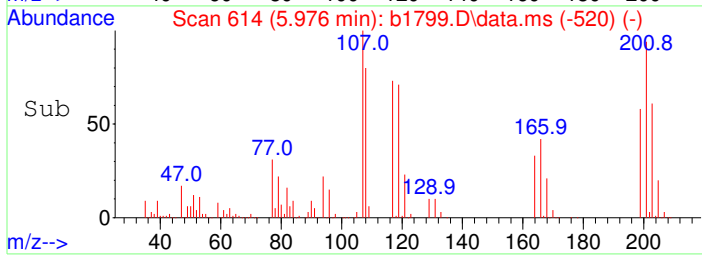
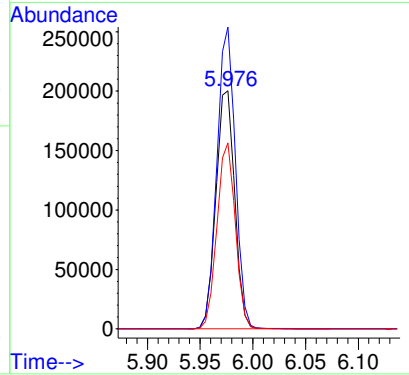
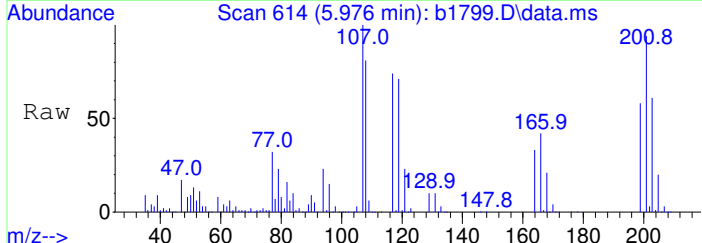
Tgt Ion	70	Resp	397312
Ion Ratio	Lower	Upper	
70	100		
42	65.4	55.4	83.2
130	21.0	16.2	24.4





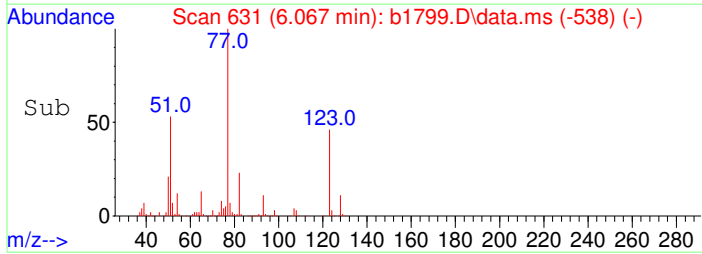
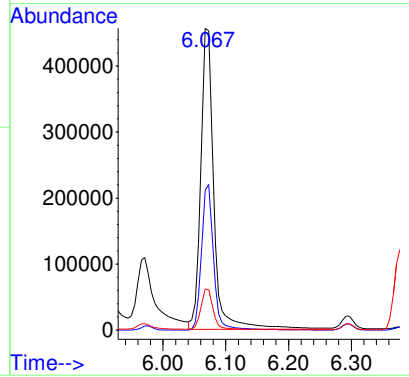
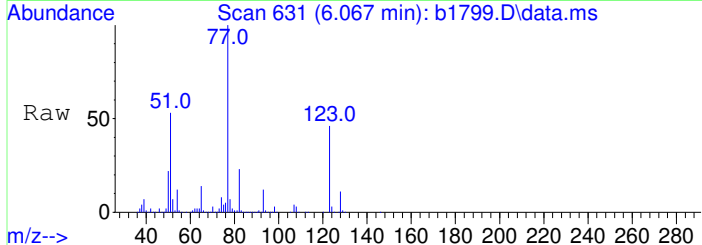
#20
Hexachloroethane
Concen: 117.02 ug
RT: 5.976 min Scan# 614
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

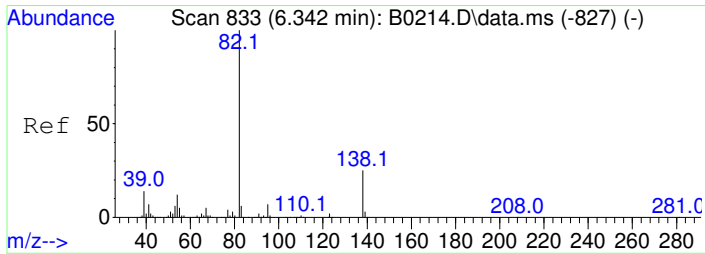
Tgt Ion:	117	Resp:	249122
Ion Ratio	Lower	Upper	
117	100		
201	123.9	100.1	150.1
199	76.0	60.1	90.1



#23
Nitrobenzene
Concen: 117.60 ug
RT: 6.067 min Scan# 631
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

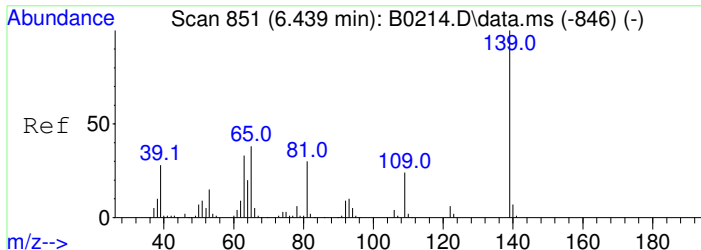
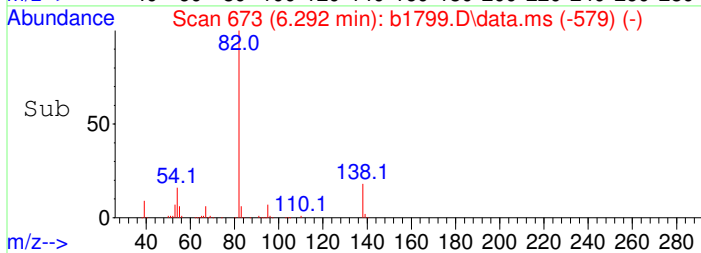
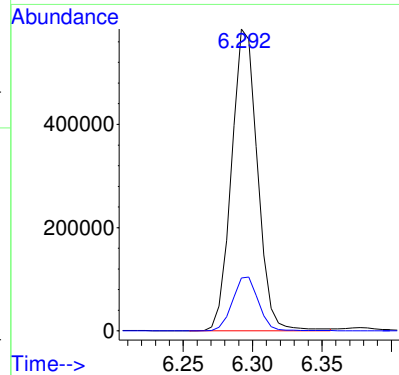
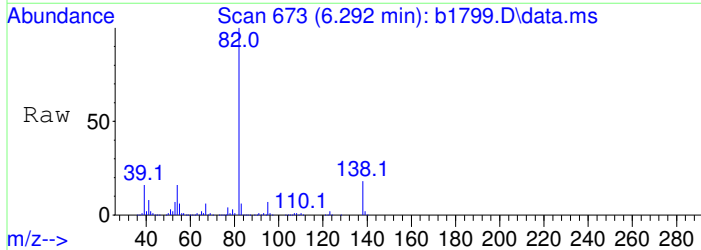
Tgt Ion:	77	Resp:	662815
Ion Ratio	Lower	Upper	
77	100		
123	45.0	35.2	52.8
65	12.6	11.2	16.8





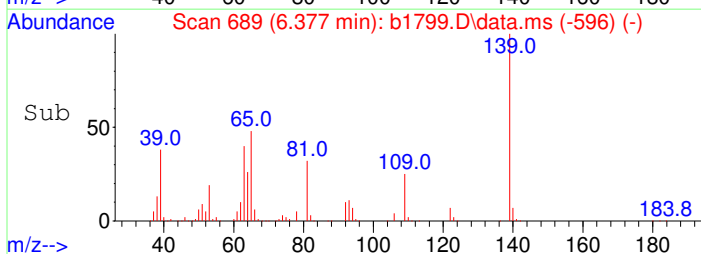
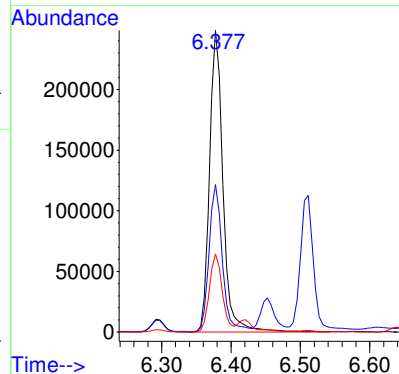
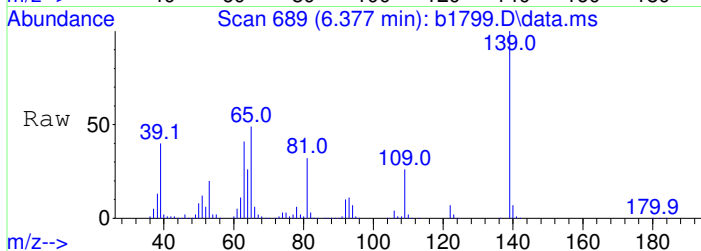
#24
Isophorone
Concen: 114.49 ug
RT: 6.292 min Scan# 673
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

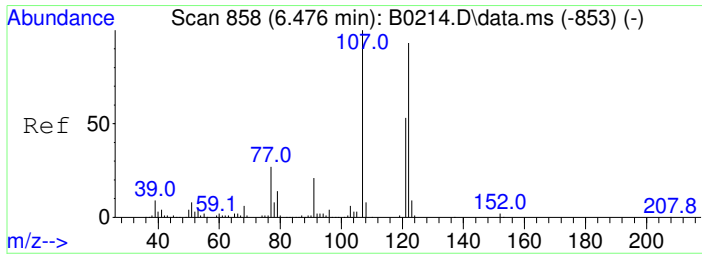
Tgt Ion	82	138	Ratio	Lower	Upper
Resp	760724				
Ratio	100	17.9			
Lower		14.2			
Upper		21.2			



#25
2-Nitrophenol
Concen: 116.06 ug
RT: 6.377 min Scan# 689
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

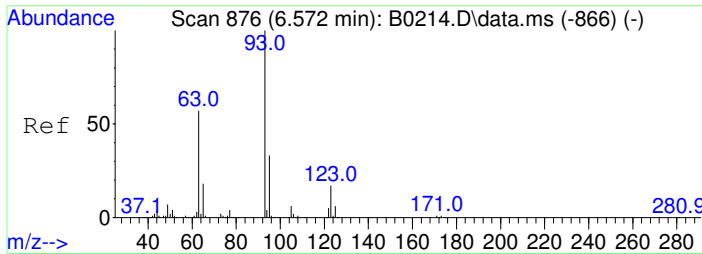
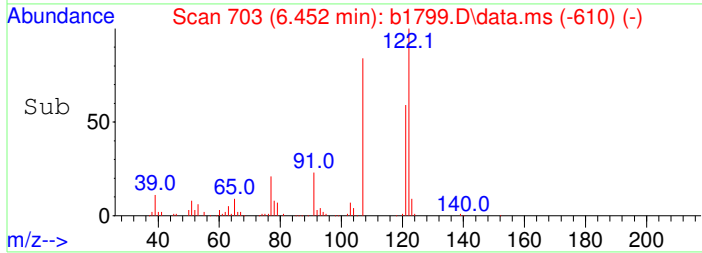
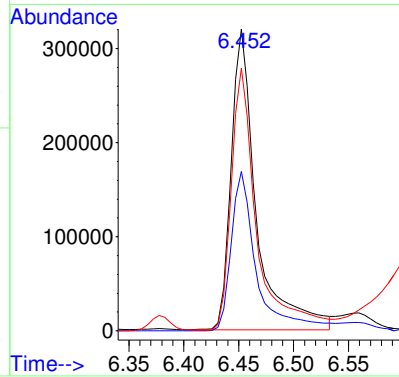
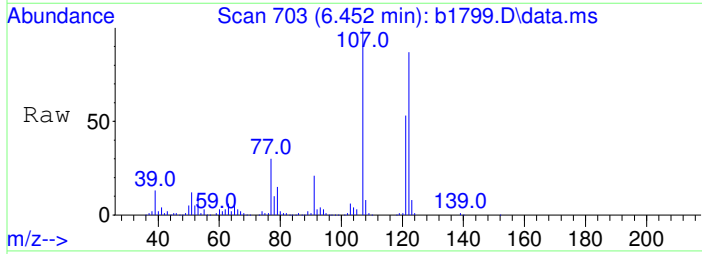
Tgt Ion	139	65	109	Ratio	Lower	Upper
Resp	335943					
Ratio	100	47.9	24.6			
Lower		39.7	21.1			
Upper		59.5	31.7			





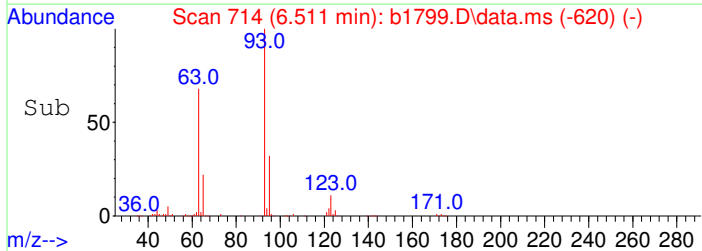
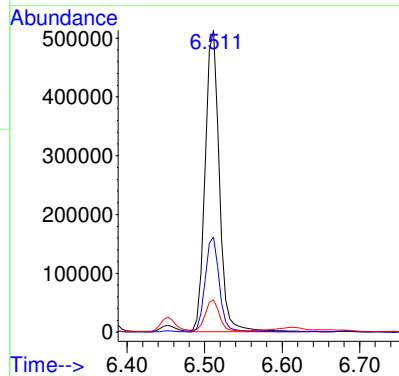
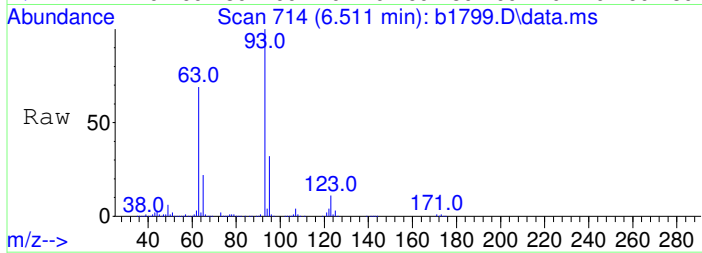
#26
2,4-Dimethylphenol
Concen: 117.87 ug
RT: 6.452 min Scan# 703
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

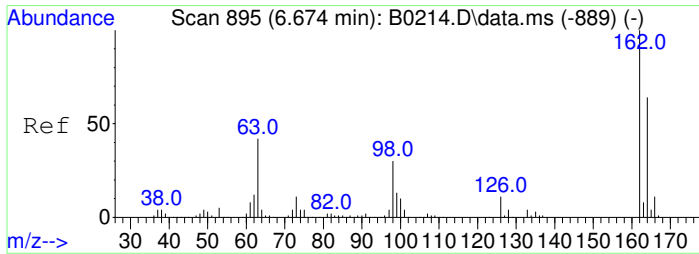
Tgt Ion:107	Resp:	515945
Ion Ratio	Lower	Upper
107	100	
121	53.3	40.3 60.5
122	87.7	69.0 103.4



#27
bis(2-Chloroethoxy)met
Concen: 115.72 ug
RT: 6.511 min Scan# 714
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

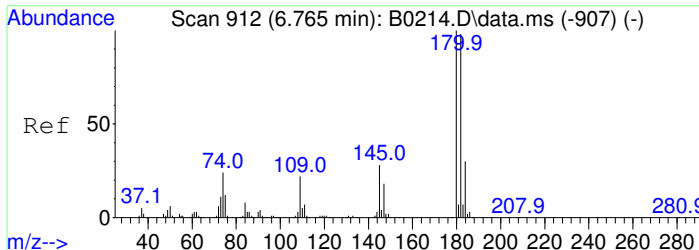
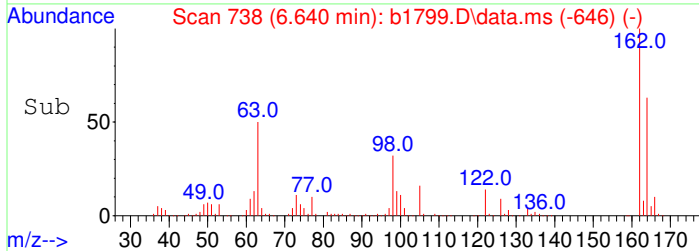
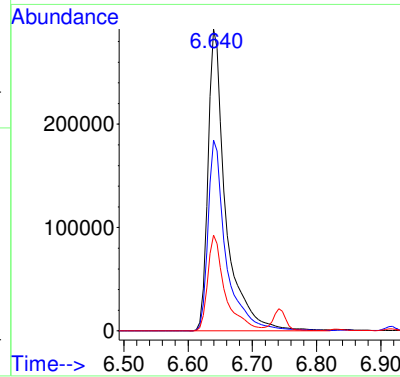
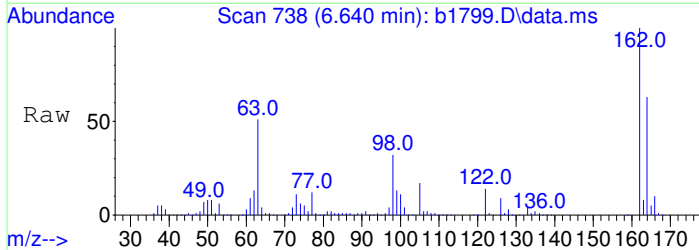
Tgt Ion: 93	Resp:	656434
Ion Ratio	Lower	Upper
93	100	
95	31.4	26.0 39.0
123	10.1	9.4 14.2





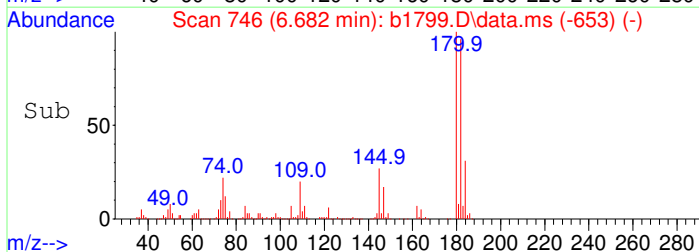
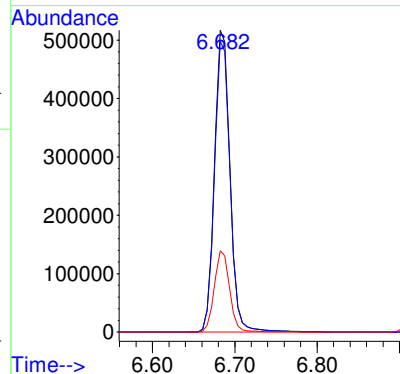
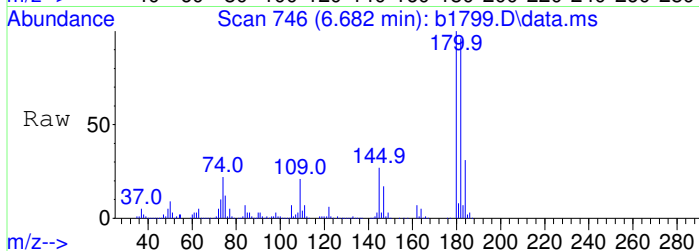
#28
 2,4-Dichlorophenol
 Concen: 116.47 ug
 RT: 6.640 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

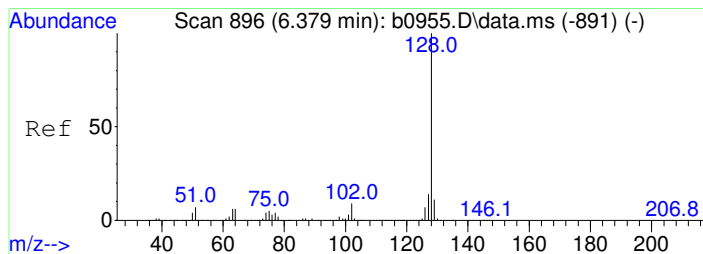
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	51.4	77.2
98	31.0	25.7	38.5



#29
 1,2,4-Trichlorobenzene
 Concen: 114.69 ug
 RT: 6.682 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

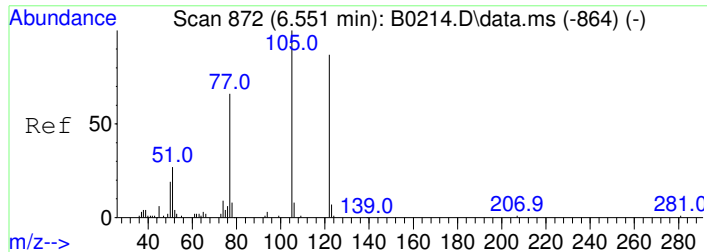
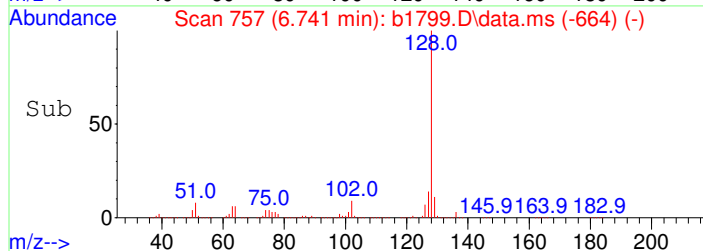
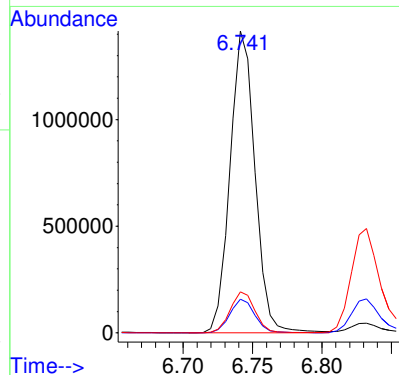
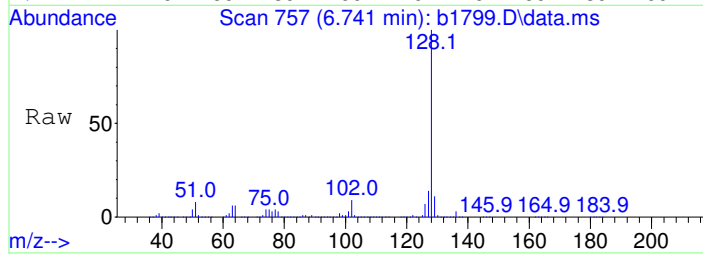
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.3	115.9
145	26.7	21.0	31.6





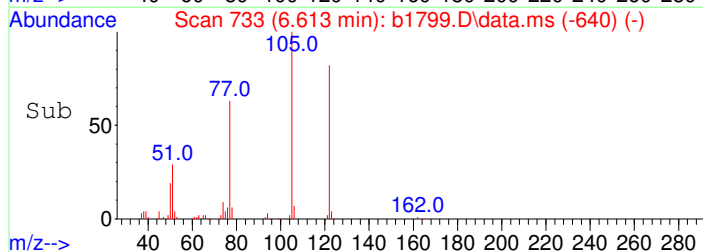
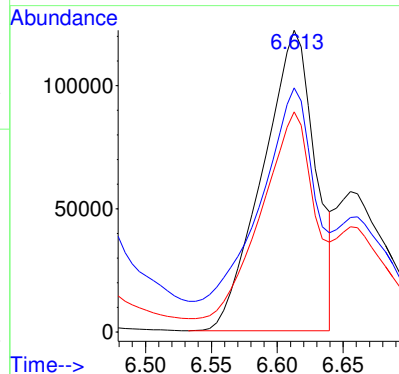
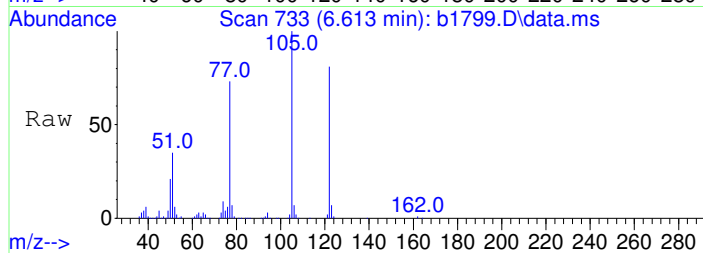
#30
Naphthalene
Concen: 113.95 ug
RT: 6.741 min Scan# 757
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

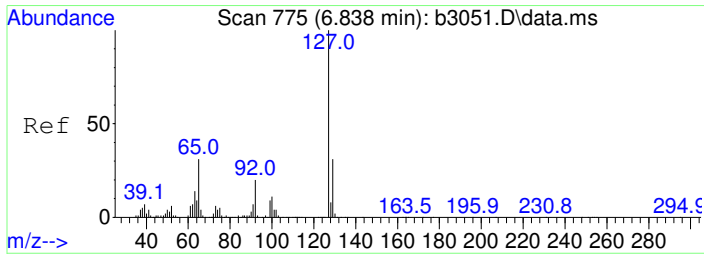
Tgt Ion:128 Resp: 1774944
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.6 10.8 16.2



#31
Benzoic Acid
Concen: 110.16 ug
RT: 6.613 min Scan# 733
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

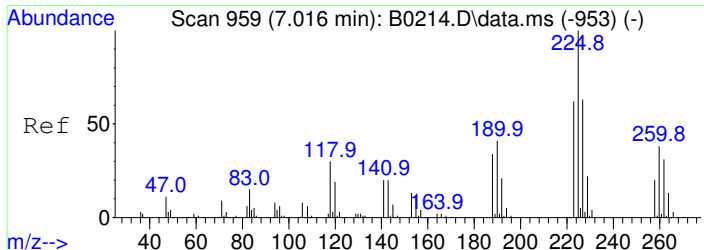
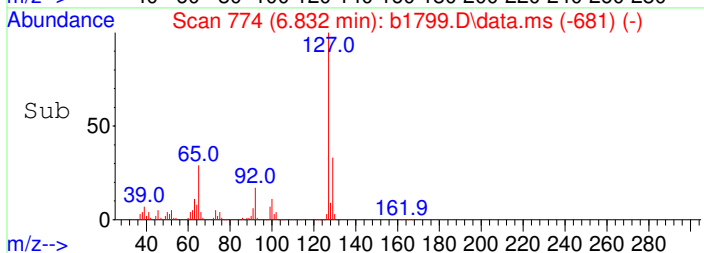
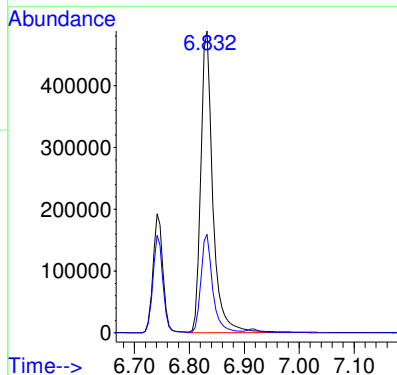
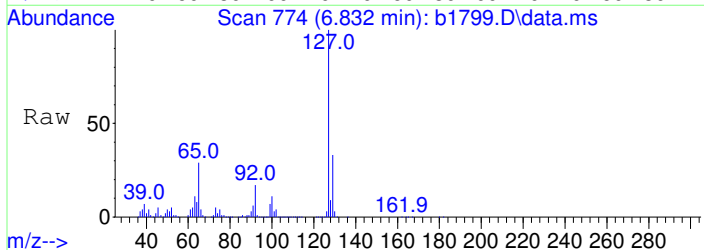
Tgt Ion:105 Resp: 339266
Ion Ratio Lower Upper
105 100
122 68.6 65.7 98.5
77 68.1 59.5 89.3





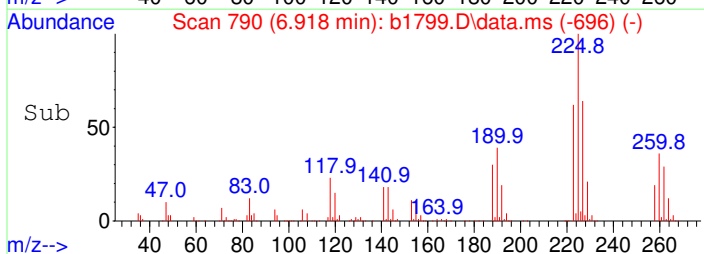
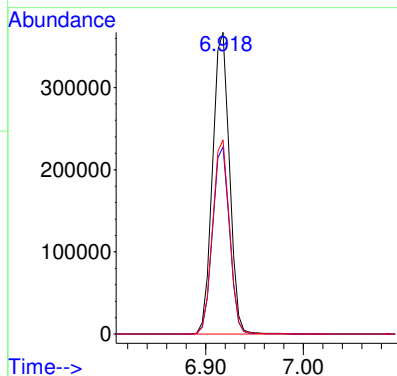
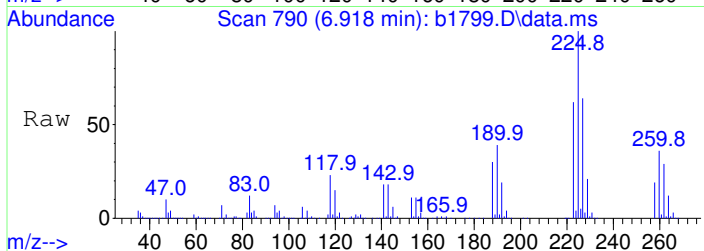
#32
4-Chloroaniline
Concen: 115.87 ug
RT: 6.832 min Scan# 774
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

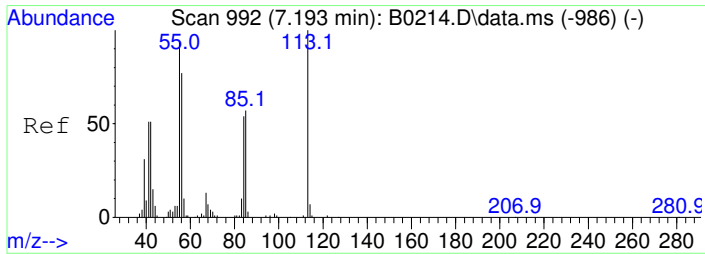
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8



#33
Hexachlorobutadiene
Concen: 116.89 ug
RT: 6.918 min Scan# 790
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

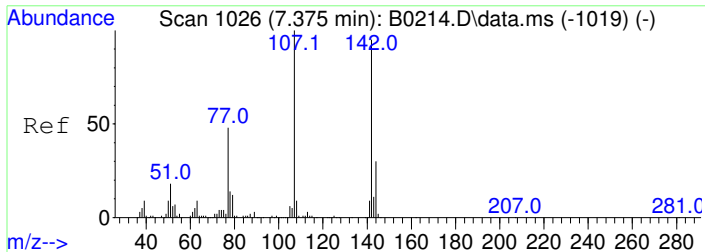
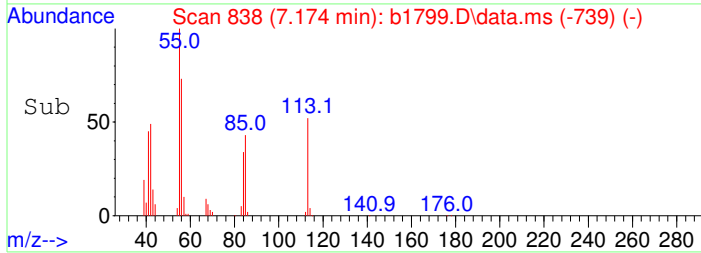
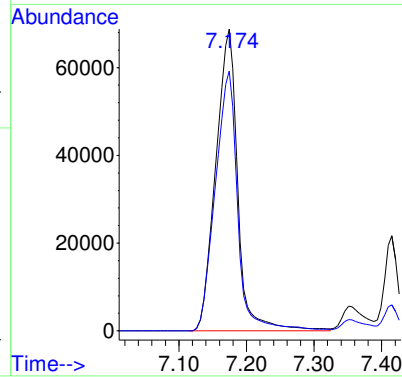
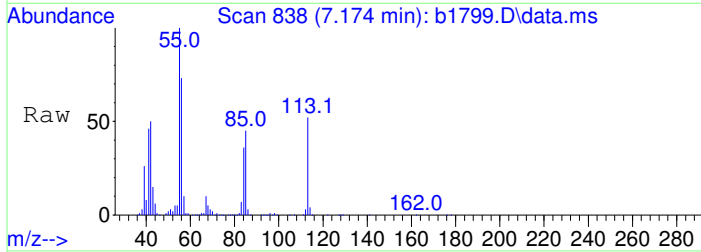
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	64.4	51.0	76.4





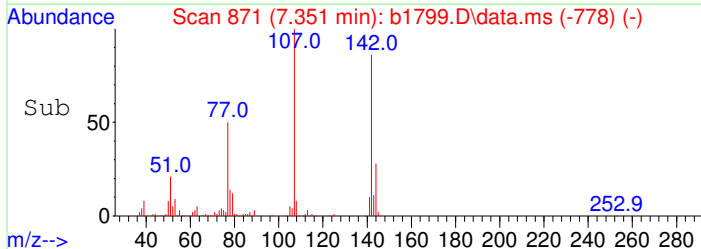
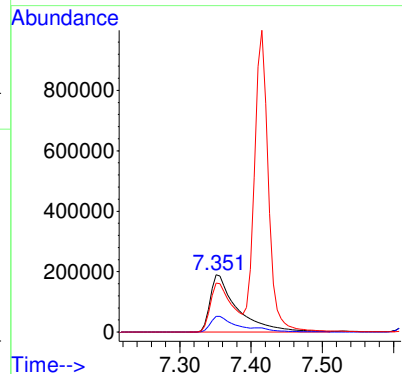
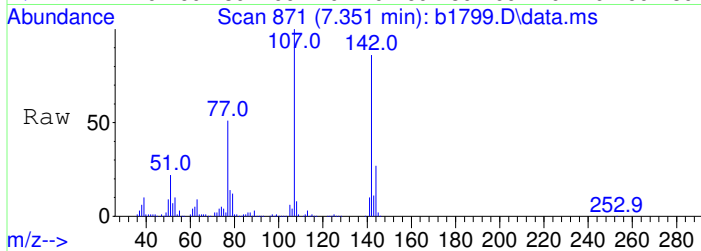
#34
Capralactam
Concen: 117.50 ug
RT: 7.174 min Scan# 838
Delta R.T. 0.032 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

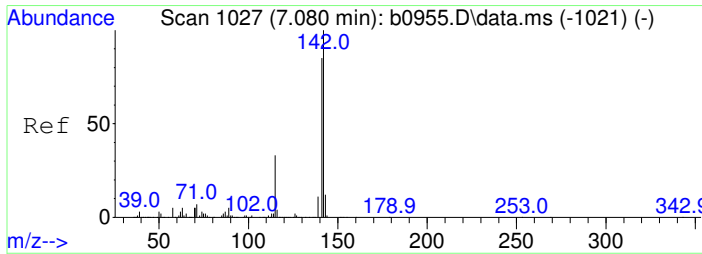
Tgt Ion	Ratio	Lower	Upper
113	100		
85	87.6	67.8	101.6



#35
4-Chloro-3-methylphenol
Concen: 114.63 ug
RT: 7.351 min Scan# 871
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

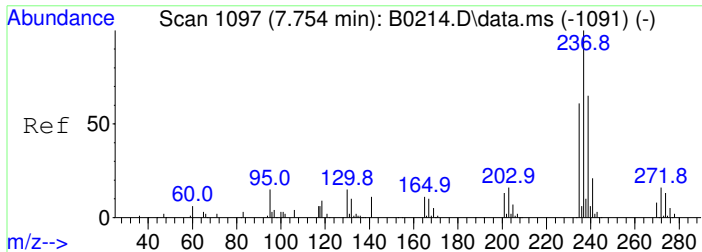
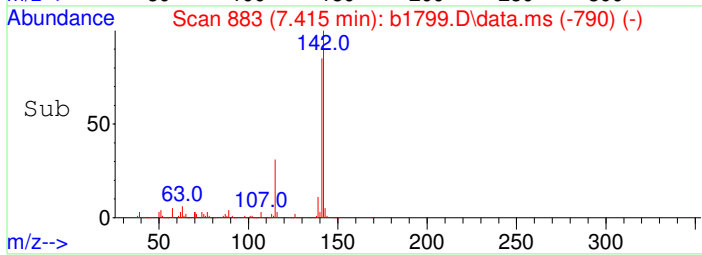
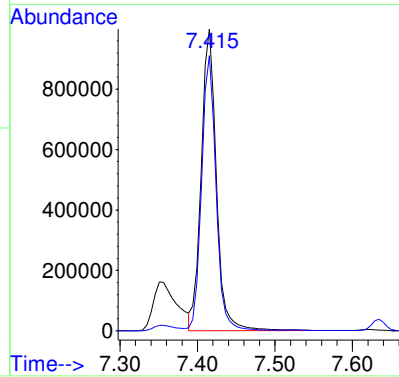
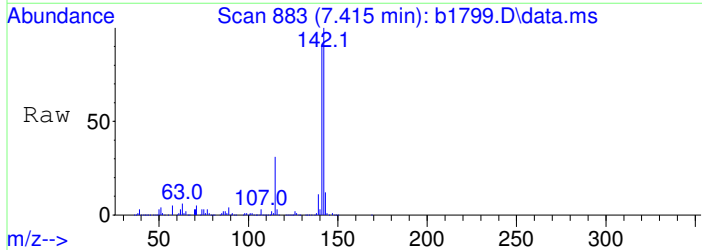
Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.0	25.2	37.8
142	68.0	553.0	829.6#





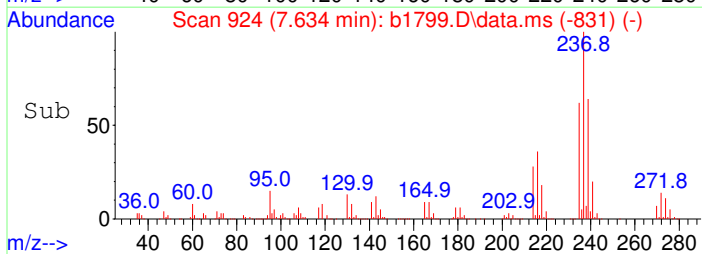
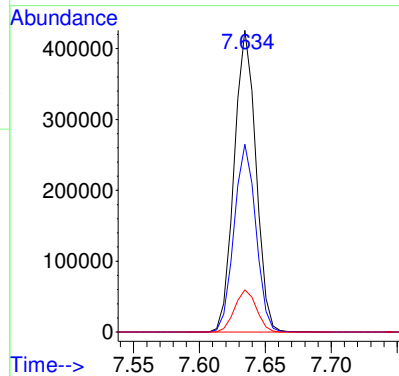
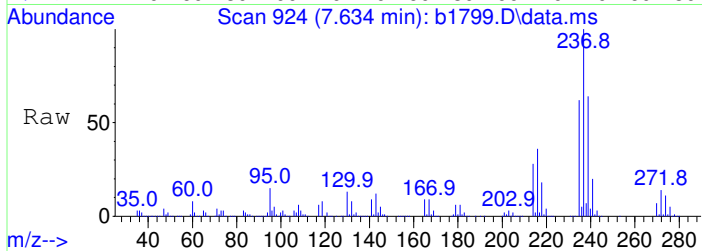
#36
 2-Methylnaphthalene
 Concen: 111.72 ug
 RT: 7.415 min Scan# 883
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

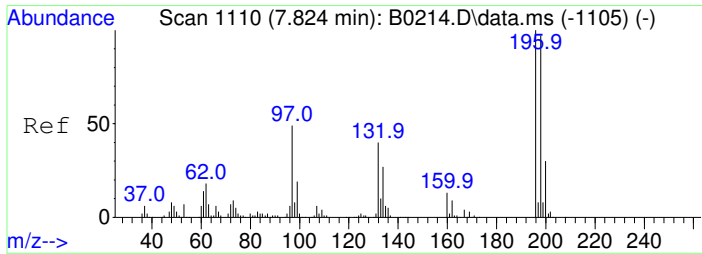
Tgt Ion:	142	Resp:	1360315
Ion Ratio	100	Lower	Upper
141	86.4	65.0	97.4



#38
 Hexachlorocyclopentadiene
 Concen: 116.94 ug
 RT: 7.634 min Scan# 924
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

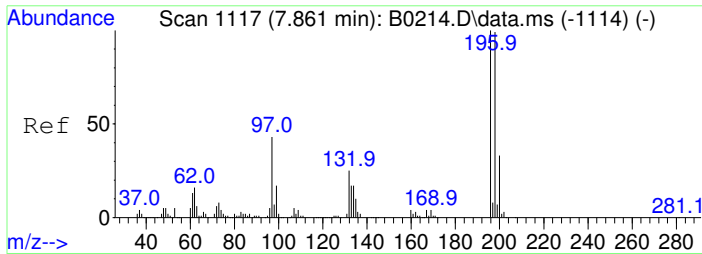
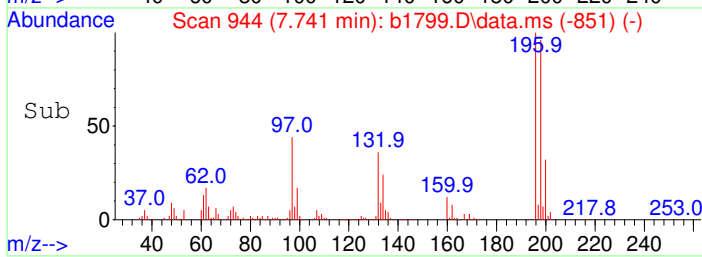
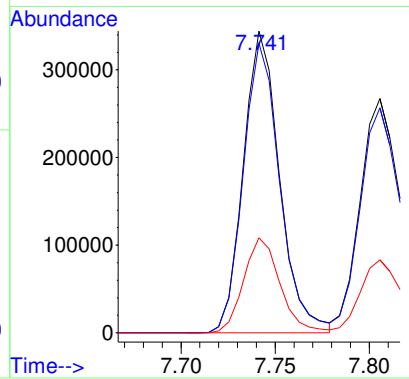
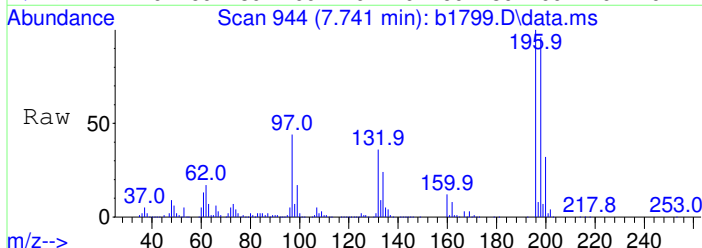
Tgt Ion:	237	Resp:	489423
Ion Ratio	100	Lower	Upper
235	62.2	50.7	76.1
272	14.1	10.9	16.3





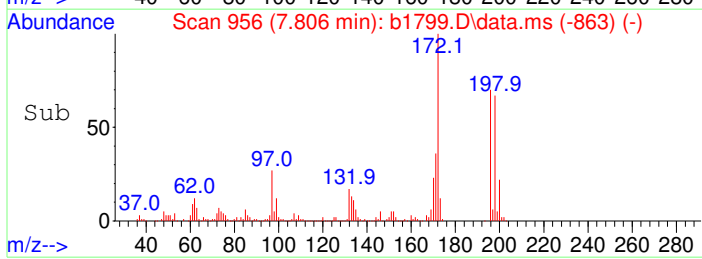
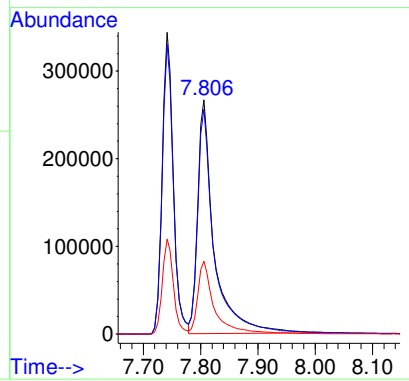
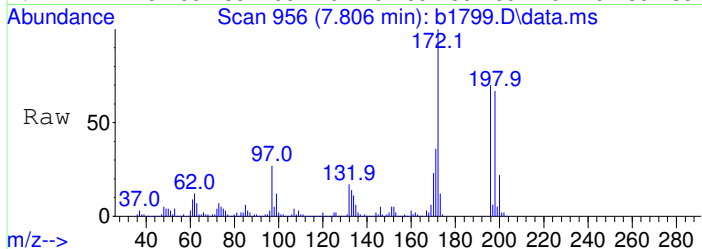
#39
 2,4,6-Trichlorophenol
 Concen: 118.84 ug
 RT: 7.741 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

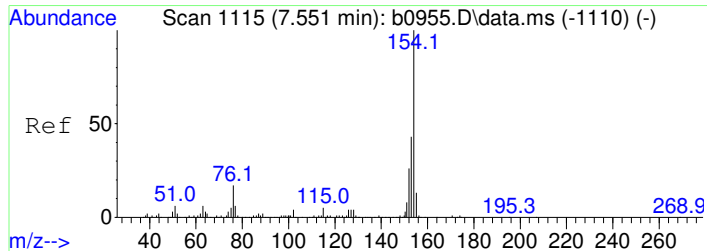
Tgt Ion	196	Resp	462577
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.6	113.4
200	31.5	25.0	37.6



#40
 2,4,5-Trichlorophenol
 Concen: 118.01 ug
 RT: 7.806 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

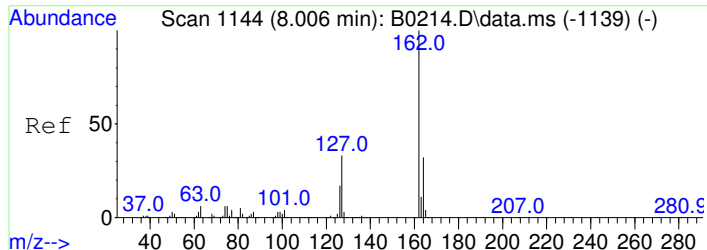
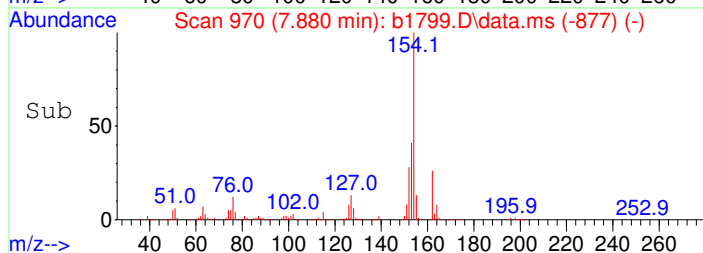
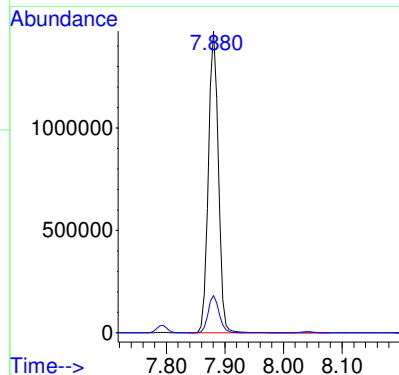
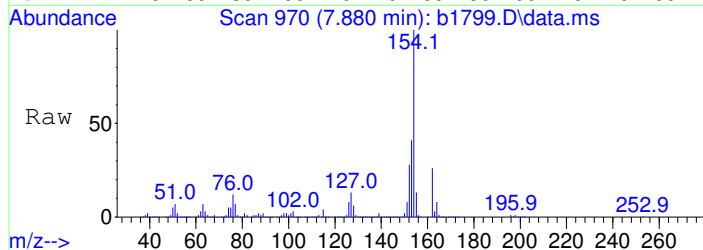
Tgt Ion	196	Resp	535201
Ion Ratio	Lower	Upper	
196	100		
198	97.5	75.8	113.8
200	30.8	25.0	37.4





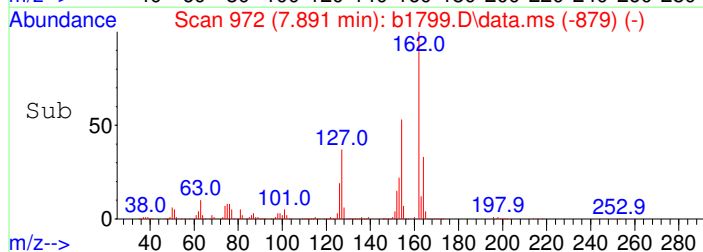
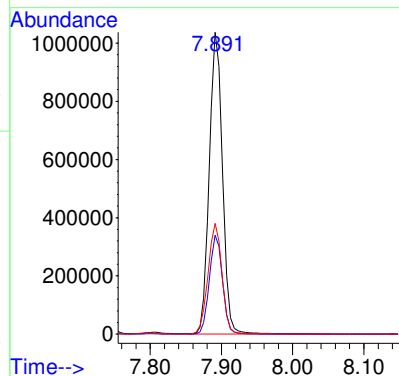
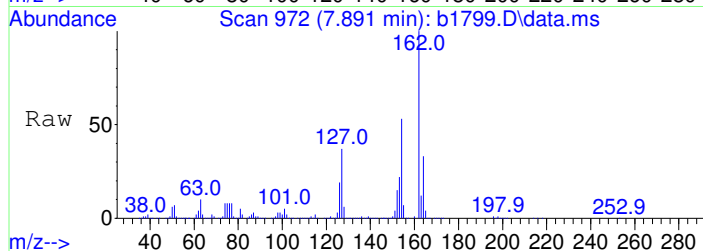
#41
Biphenyl
Concen: 115.24 ug
RT: 7.880 min Scan# 970
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

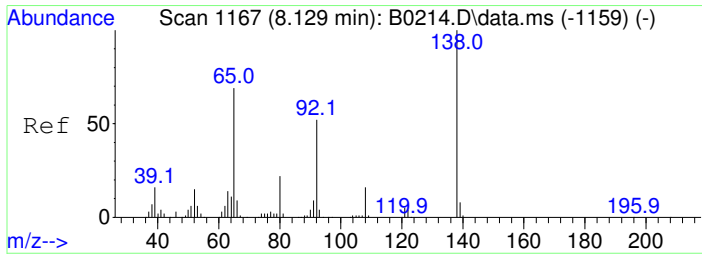
Tgt Ion	Ratio	Lower	Upper
154	100		
76	13.7	7.5	11.3#



#43
2-Chloronaphthalene
Concen: 114.57 ug
RT: 7.891 min Scan# 972
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

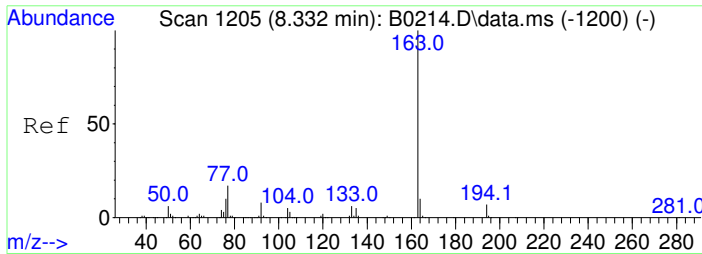
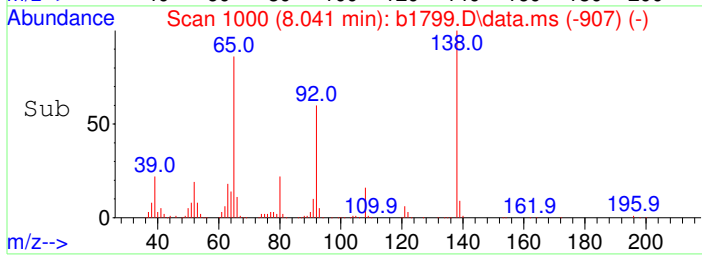
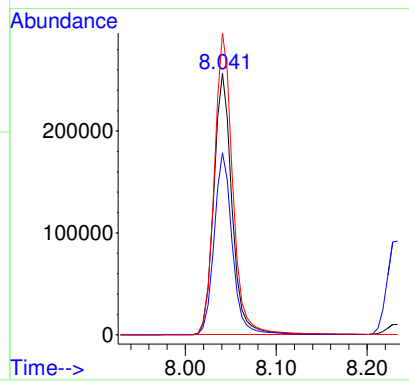
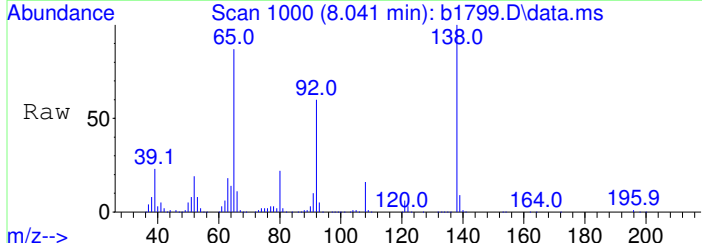
Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.6	26.9	40.3
127	38.9	29.1	43.7





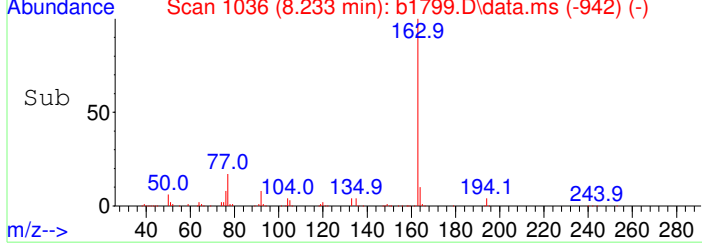
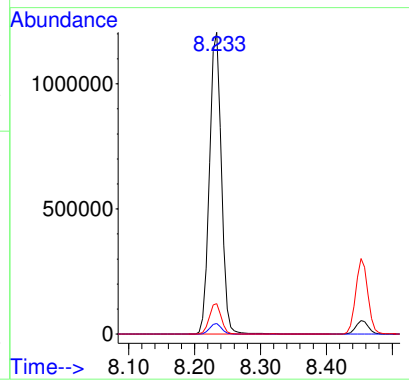
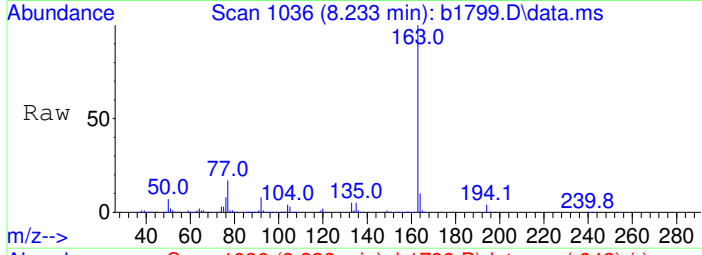
#44
 2-Nitroaniline
 Concen: 116.11 ug
 RT: 8.041 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

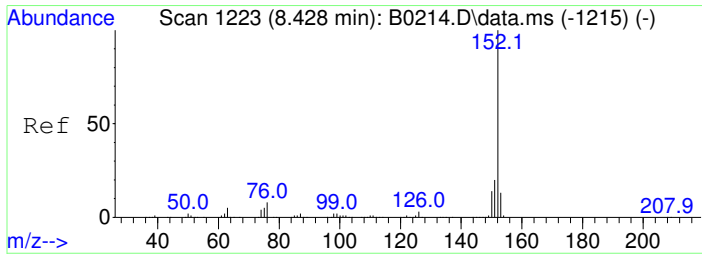
Tgt Ion:	65	Resp:	358579
Ion Ratio	Lower	Upper	
65	100		
92	69.7	59.8	89.8
138	116.8	122.2	183.4#



#45
 Dimethylphthalate
 Concen: 115.82 ug
 RT: 8.233 min Scan# 1036
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

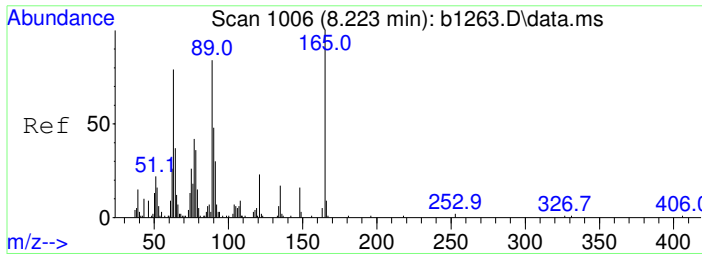
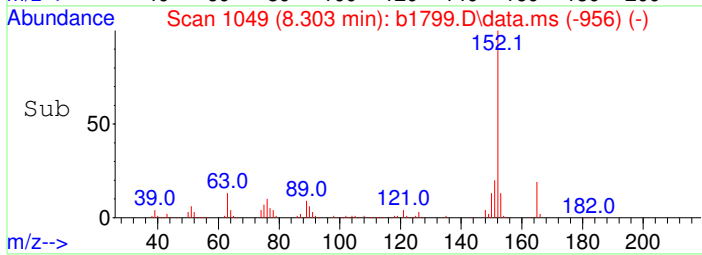
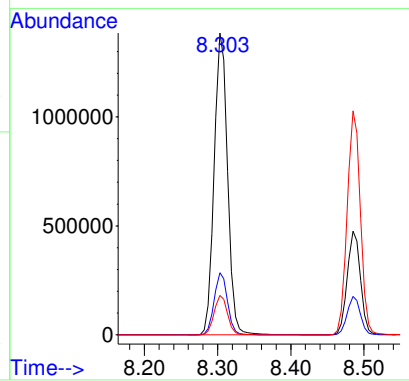
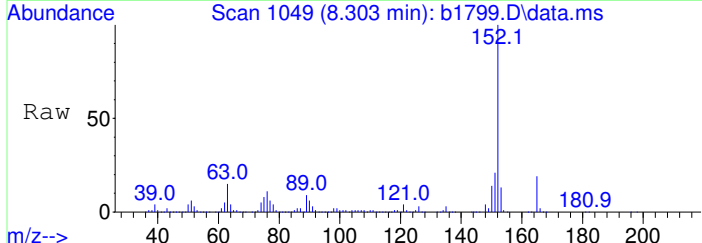
Tgt Ion:	163	Resp:	1515878
Ion Ratio	Lower	Upper	
163	100		
194	3.5	5.7	8.5#
164	10.2	8.2	12.2





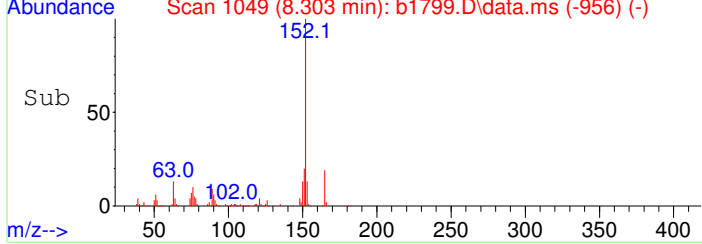
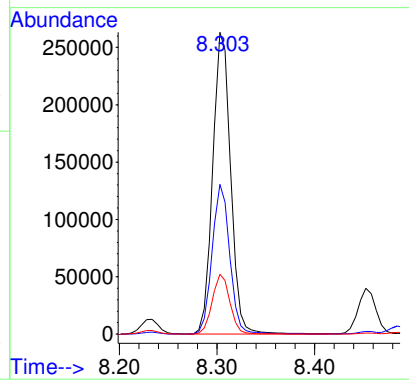
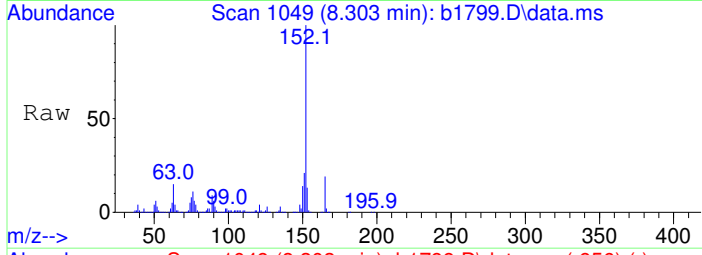
#46
Acenaphthylene
Concen: 115.23 ug
RT: 8.303 min Scan# 1049
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

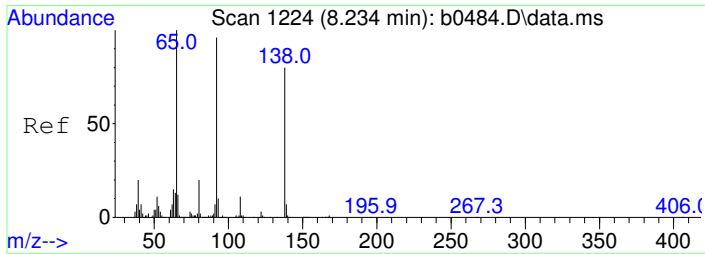
Tgt Ion:152	Resp: 1762325
Ion Ratio	Lower Upper
152	100
151	20.4 15.8 23.6
153	13.0 10.7 16.1



#47
2,6-Dinitrotoluene
Concen: 118.44 ug
RT: 8.303 min Scan# 1049
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

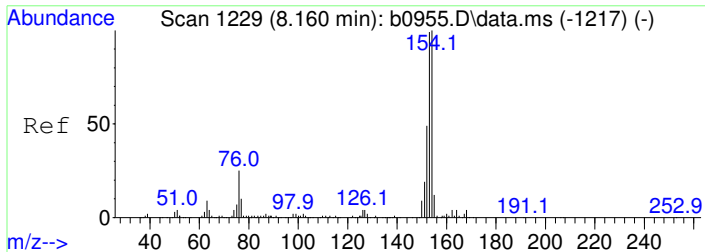
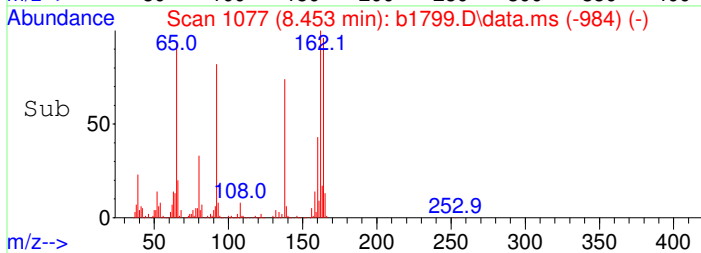
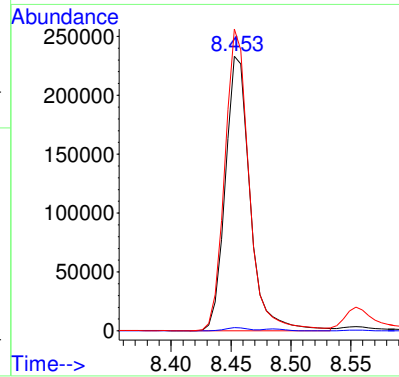
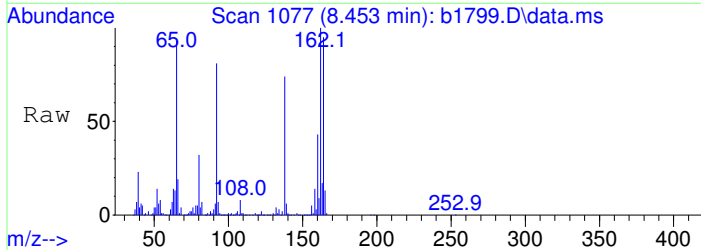
Tgt Ion:165	Resp: 336390
Ion Ratio	Lower Upper
165	100
89	48.8 38.0 57.0
121	19.5 15.6 23.4





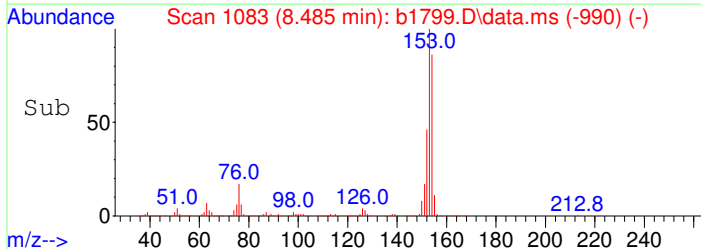
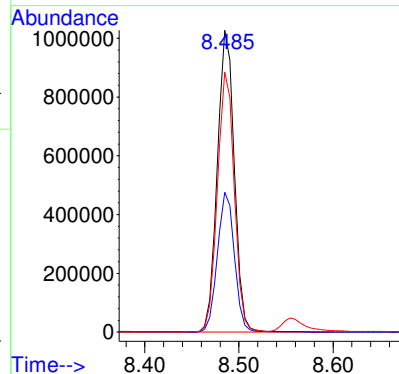
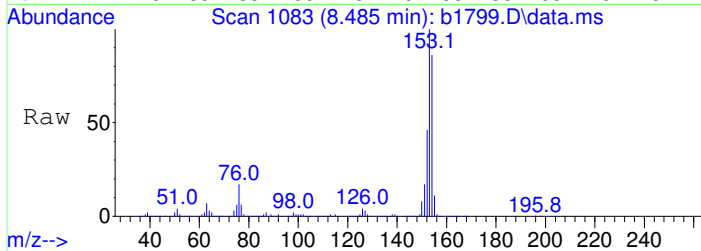
#48
3-Nitroaniline
Concen: 116.77 ug
RT: 8.453 min Scan# 1077
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

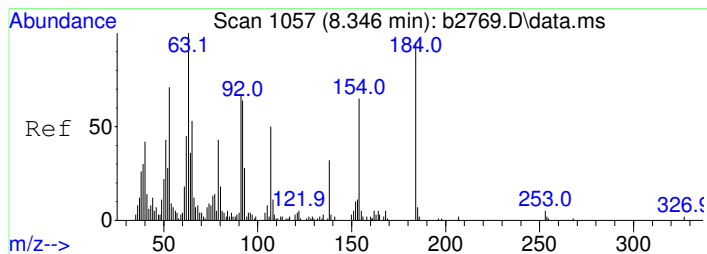
Tgt	Ion	Resp	Lower	Upper
138	100			
109	0.0	1.2	1.8#	
92	108.1	44.2	66.2#	



#49
Acenaphthene
Concen: 115.42 ug
RT: 8.485 min Scan# 1083
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

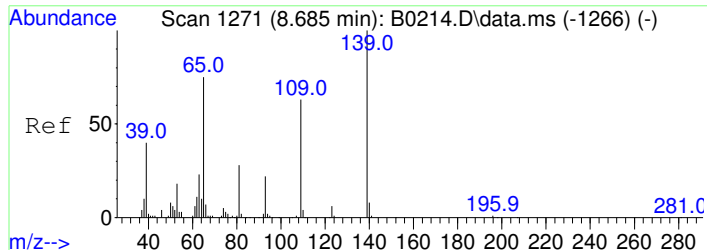
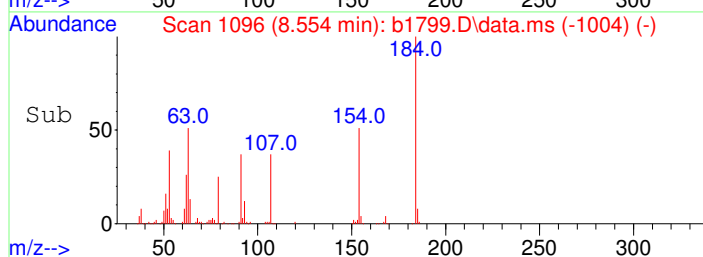
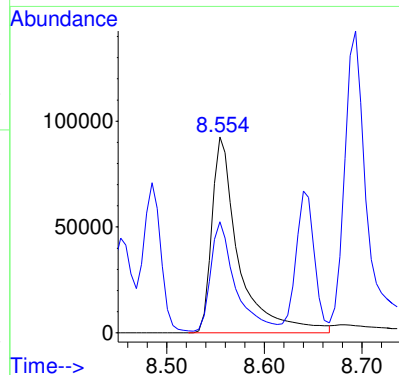
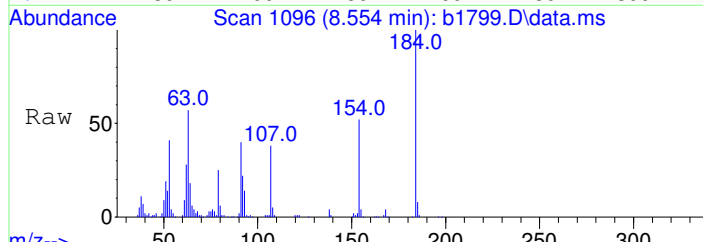
Tgt	Ion	Resp	Lower	Upper
153	100			
152	46.4	37.8	56.8	
154	85.8	74.1	111.1	





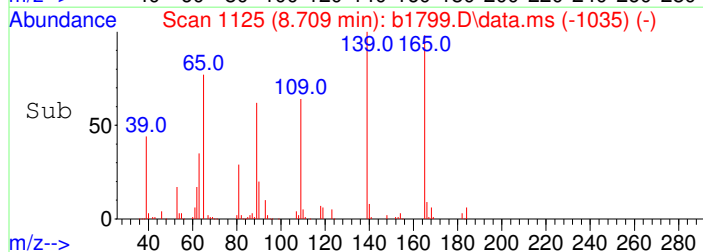
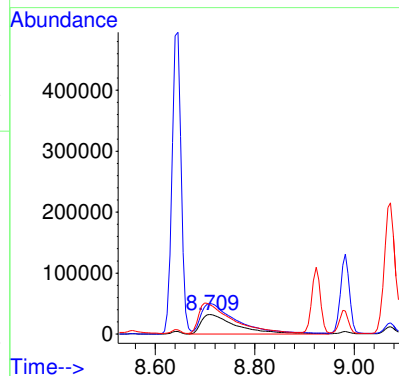
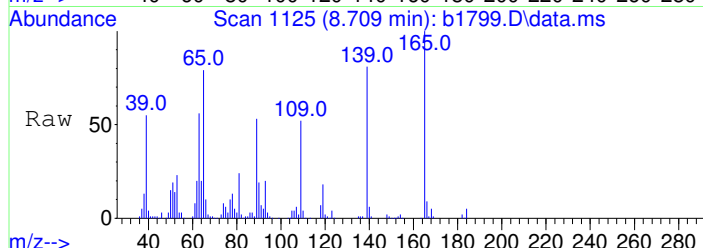
#50
2,4-Dinitrophenol
Concen: 114.22 ug
RT: 8.554 min Scan# 1096
Delta R.T. -0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

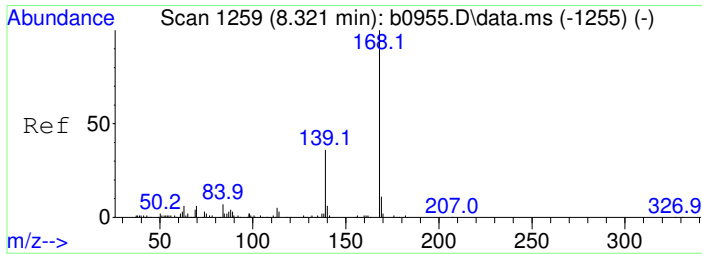
Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.4	46.2	69.4



#51
4-Nitrophenol
Concen: 120.88 ug
RT: 8.709 min Scan# 1125
Delta R.T. -0.016 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

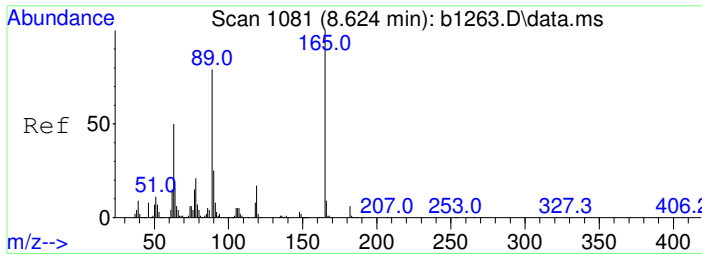
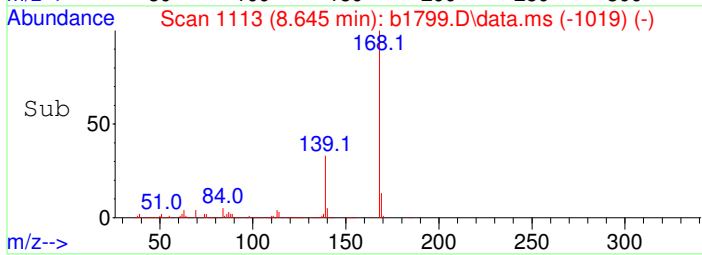
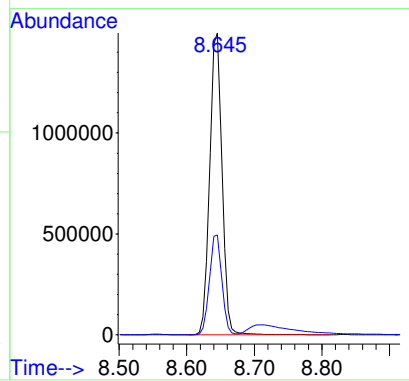
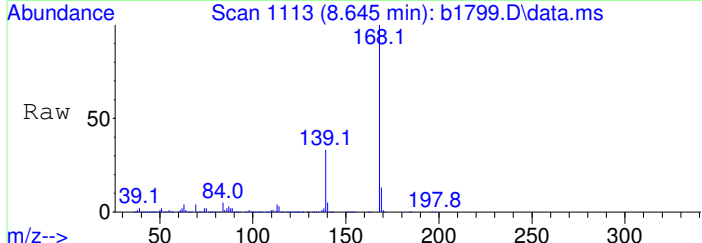
Tgt Ion	Ratio	Lower	Upper
109	100		
139	156.5	122.6	183.8
65	145.9	122.6	184.0





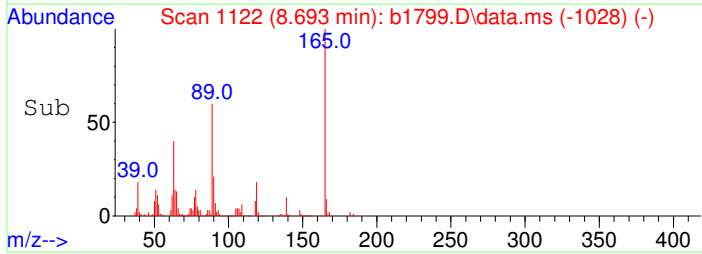
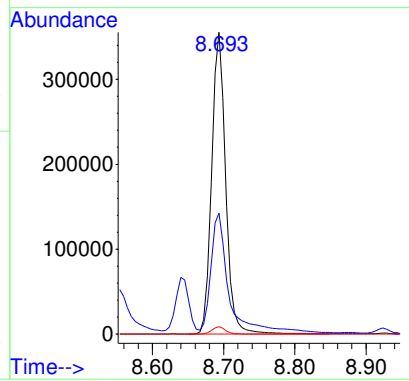
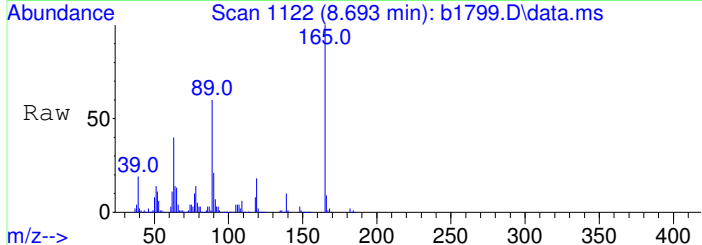
#52
 Dibenzofuran
 Concen: 114.43 ug
 RT: 8.645 min Scan# 1113
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

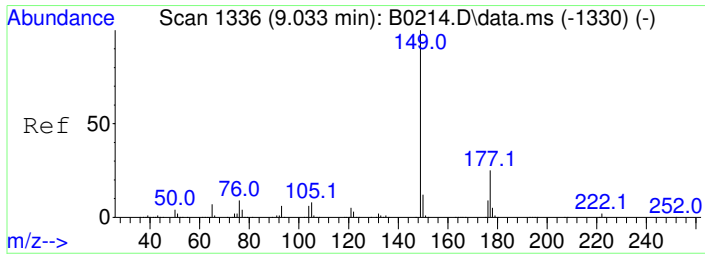
Tgt Ion:168	Resp: 1911483
Ion Ratio	Lower Upper
168	100
139	33.2 30.5 45.7



#53
 2,4-Dinitrotoluene
 Concen: 119.35 ug
 RT: 8.693 min Scan# 1122
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

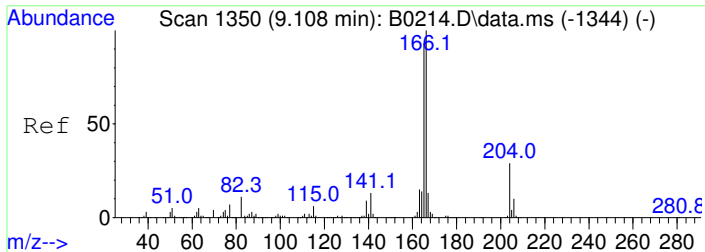
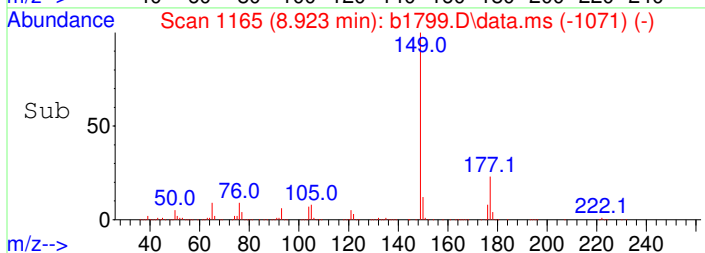
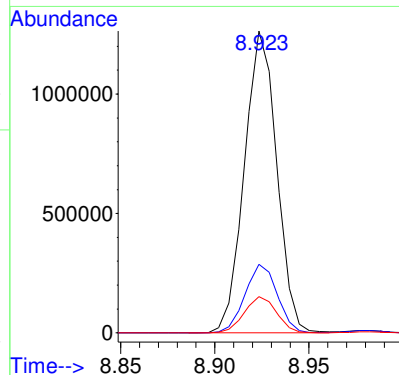
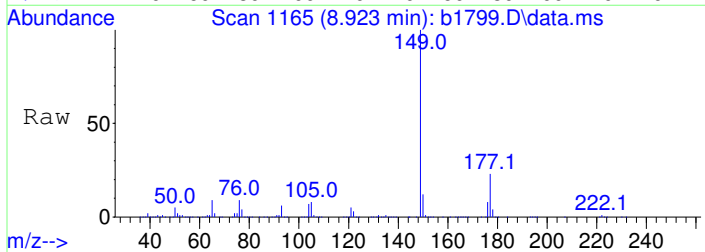
Tgt Ion:165	Resp: 481682
Ion Ratio	Lower Upper
165	100
63	50.8 29.4 44.0#
182	0.0 4.5 6.7#





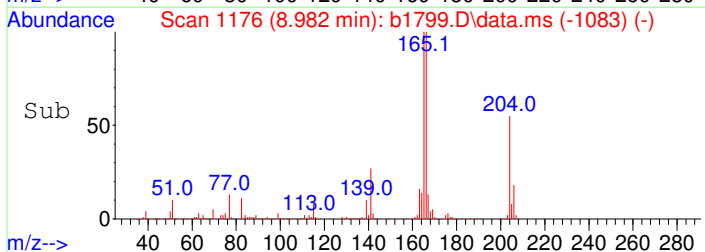
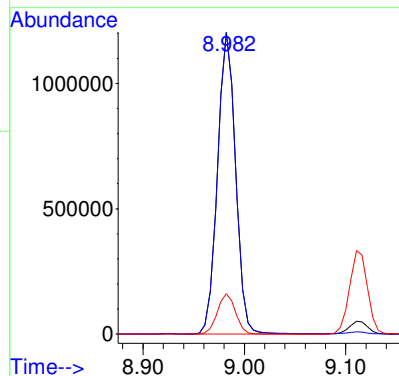
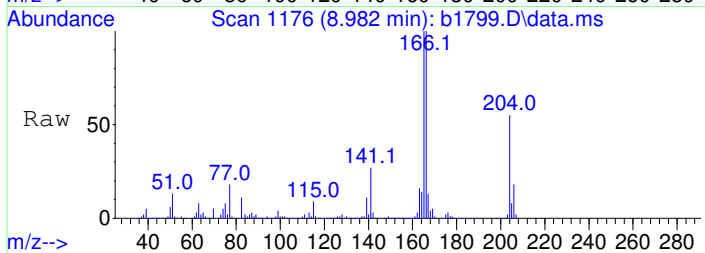
#54
Diethylphthalate
Concen: 115.57 ug
RT: 8.923 min Scan# 1165
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

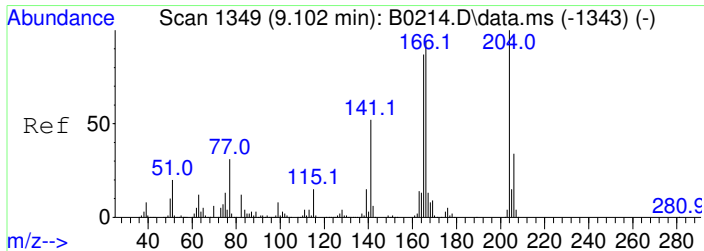
Tgt Ion:149 Resp: 1507797
Ion Ratio Lower Upper
149 100
177 22.7 19.8 29.8
150 12.0 10.0 15.0



#55
Fluorene
Concen: 115.13 ug
RT: 8.982 min Scan# 1176
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

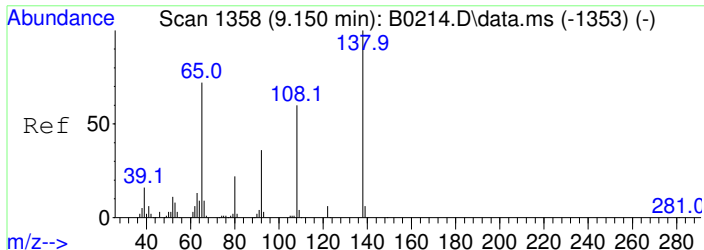
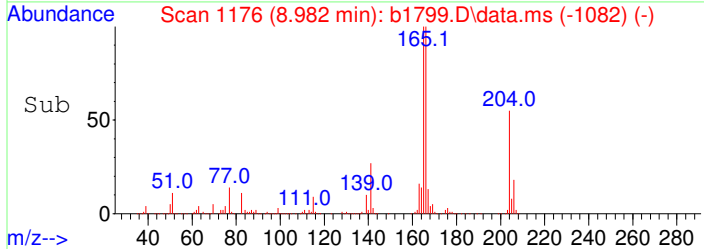
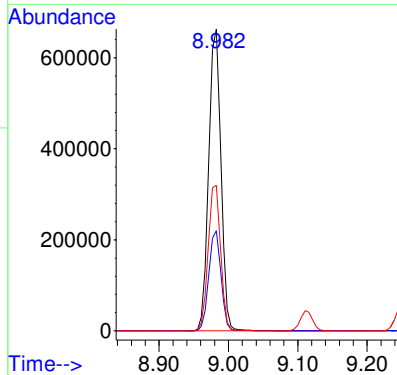
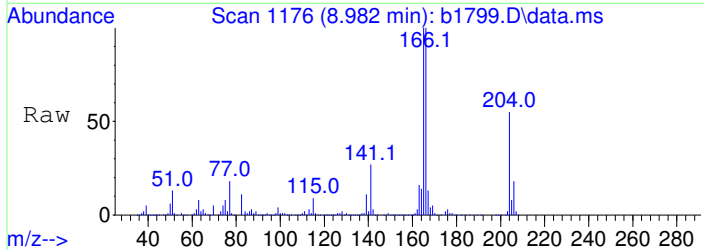
Tgt Ion:166 Resp: 1500418
Ion Ratio Lower Upper
166 100
165 99.7 75.2 112.8
167 13.4 11.4 17.0





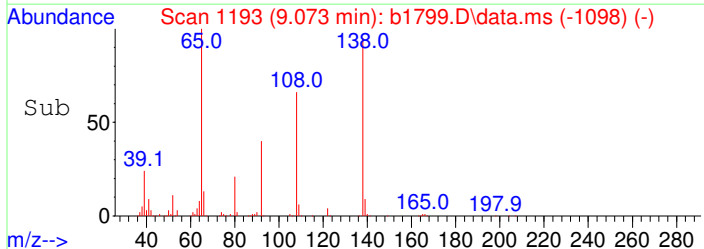
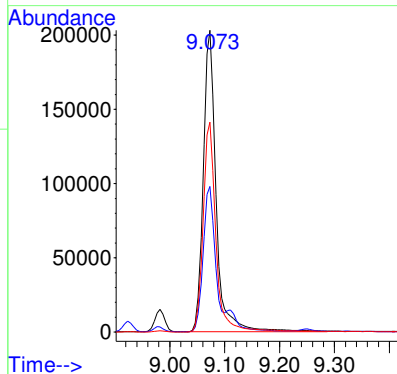
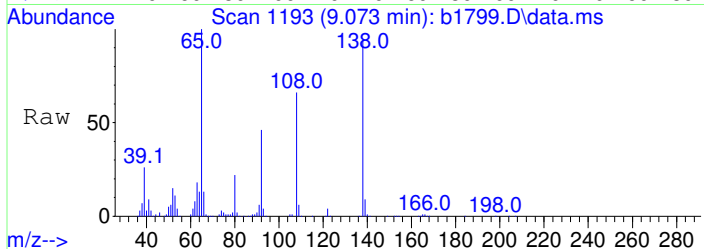
#56
4-Chlorophenyl-phenyle
Concen: 114.98 ug
RT: 8.982 min Scan# 1176
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

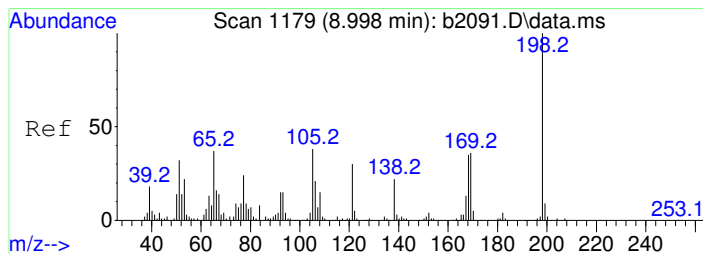
Tgt	Ion:204	Resp:	814098
Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.0	40.4
141	49.1	40.8	61.2



#57
4-Nitroaniline
Concen: 115.97 ug
RT: 9.073 min Scan# 1193
Delta R.T. 0.011 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

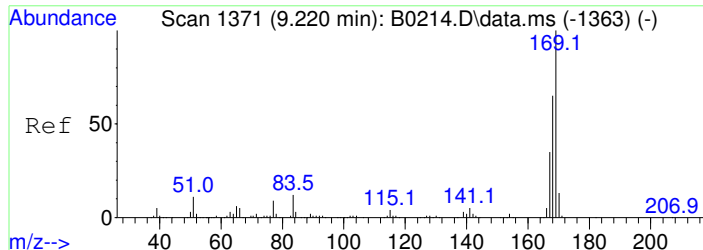
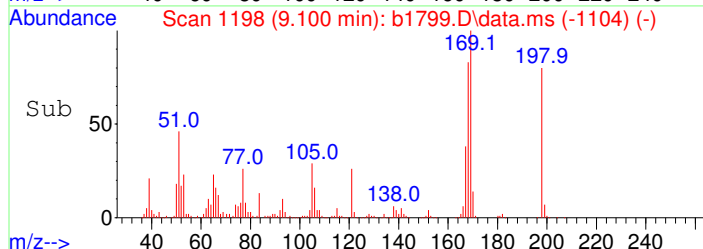
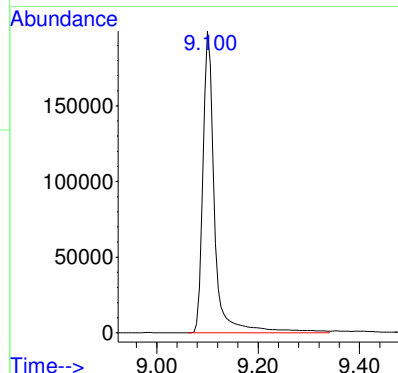
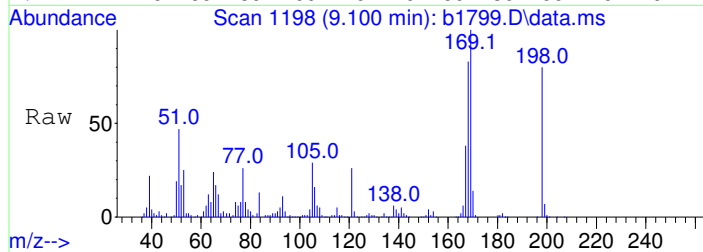
Tgt	Ion:138	Resp:	330942
Ion	Ratio	Lower	Upper
138	100		
92	45.3	32.2	48.2
108	69.9	60.6	90.8





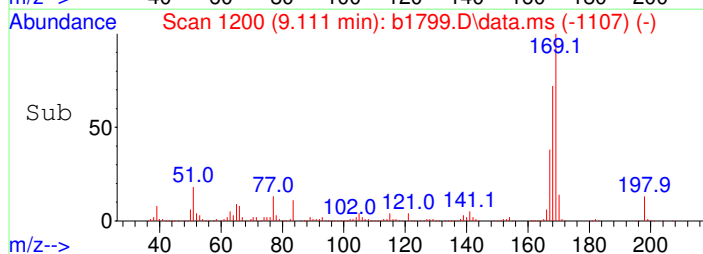
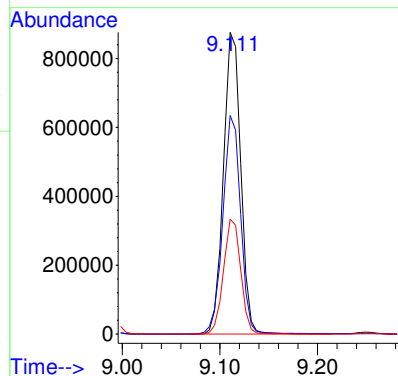
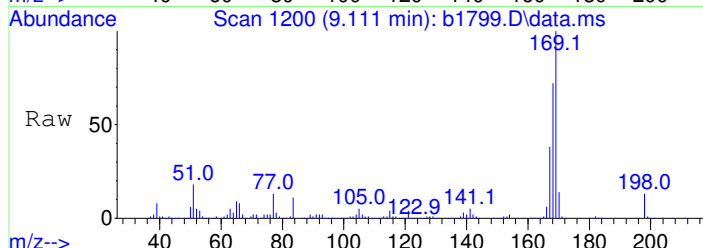
#59
 4,6-Dinitro-2-methylph
 Concen: 136.08 ug
 RT: 9.100 min Scan# 1198
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

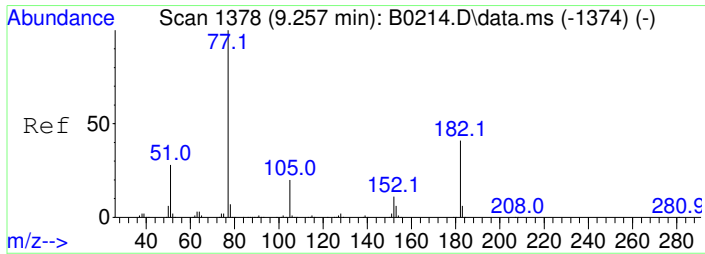
Tgt Ion:198 Resp: 322171



#60
 n-Nitrosodiphenylamine
 Concen: 114.44 ug
 RT: 9.111 min Scan# 1200
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

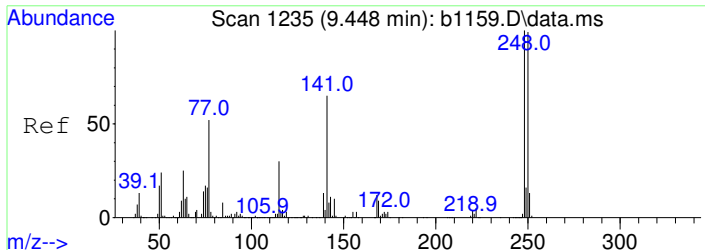
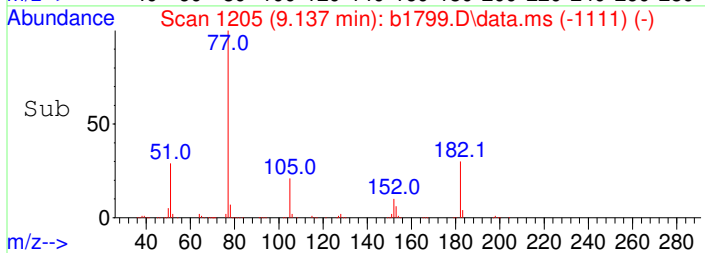
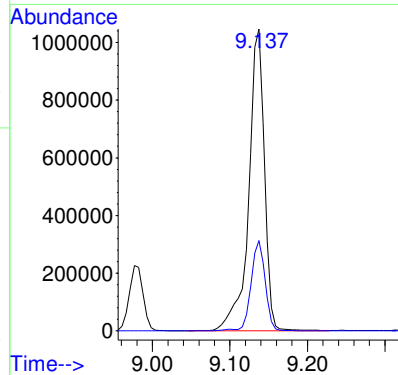
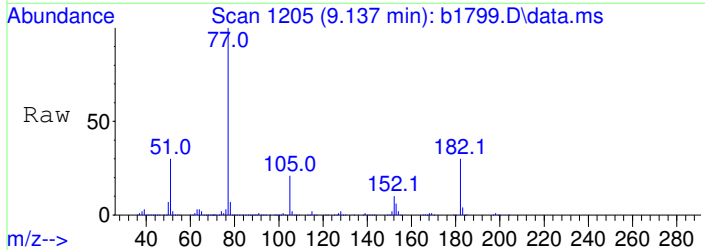
Tgt Ion:169 Resp: 1081795
 Ion Ratio Lower Upper
 169 100
 168 74.5 51.0 76.6
 167 37.8 27.7 41.5





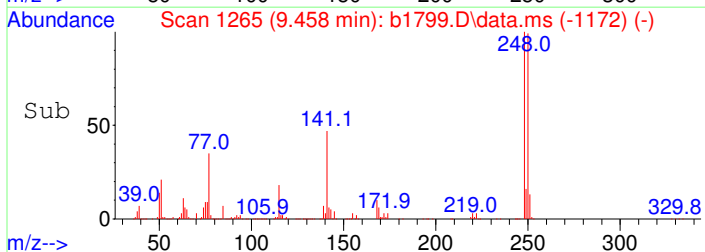
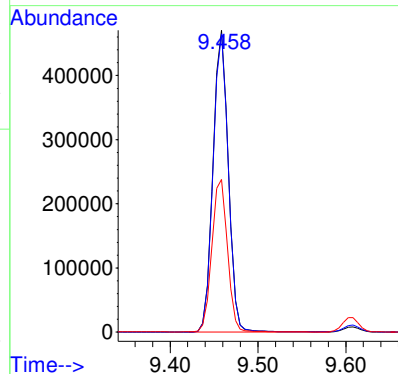
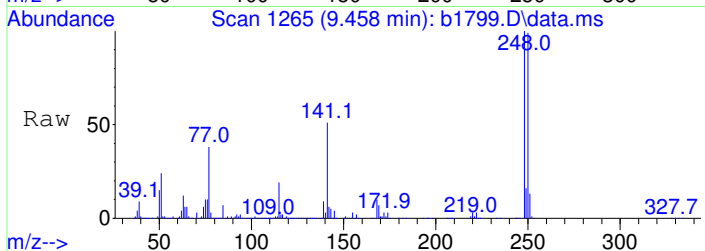
#62
Azobenzene
Concen: 116.17 ug
RT: 9.137 min Scan# 1205
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

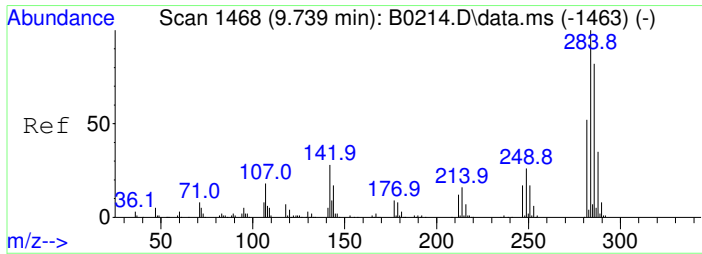
Tgt Ion: 77 Resp: 1466019
Ion Ratio Lower Upper
77 100
182 26.8 30.2 45.4#



#63
4-Bromophenyl-phenylether
Concen: 117.07 ug
RT: 9.458 min Scan# 1265
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

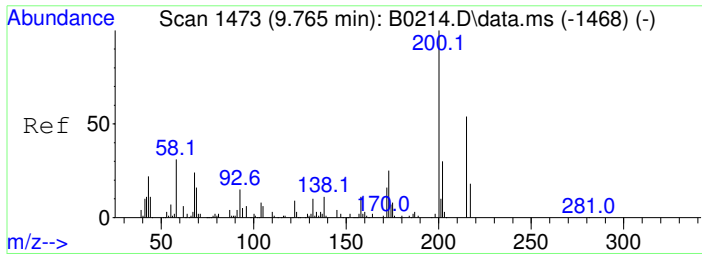
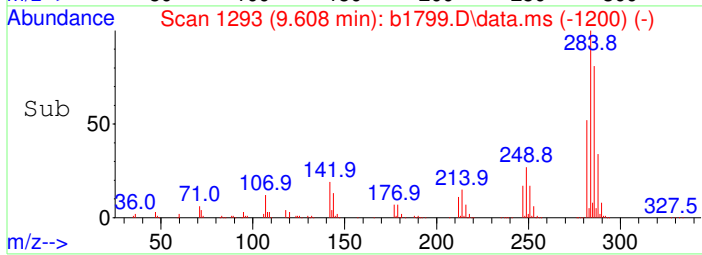
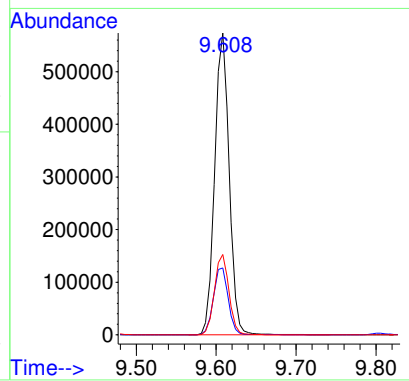
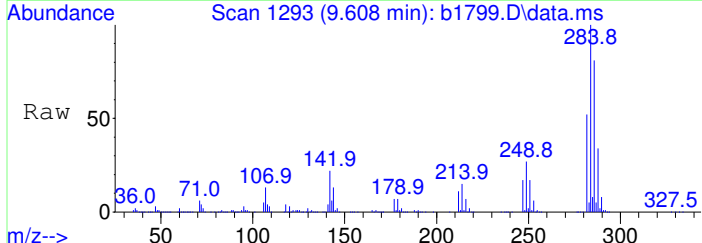
Tgt Ion: 248 Resp: 570811
Ion Ratio Lower Upper
248 100
250 98.6 76.7 115.1
141 51.2 46.2 69.2





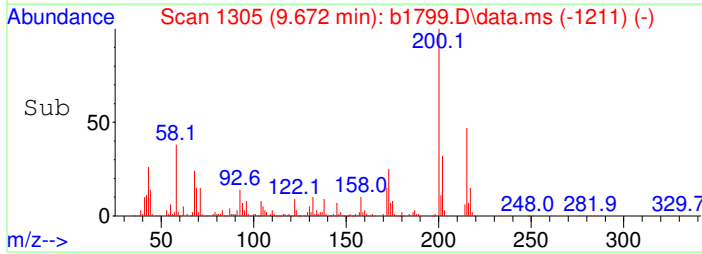
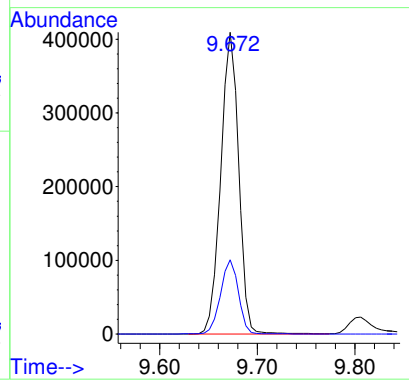
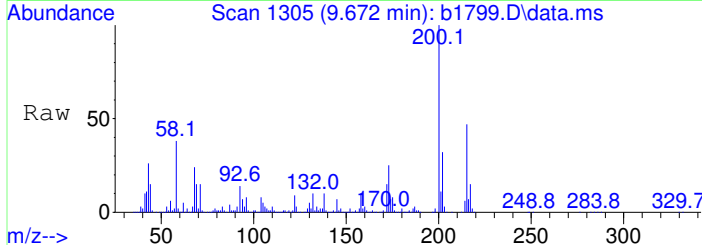
#64
Hexachlorobenzene
Concen: 115.71 ug
RT: 9.608 min Scan# 1293
Delta R.T. 0.000 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

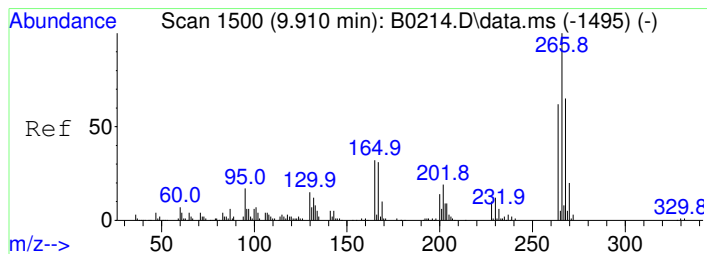
Tgt Ion:284	Resp: 723538
Ion Ratio	Lower Upper
284	100
142	22.7 24.7 37.1#
249	26.6 23.0 34.4



#65
Atrazine
Concen: 115.71 ug
RT: 9.672 min Scan# 1305
Delta R.T. 0.005 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

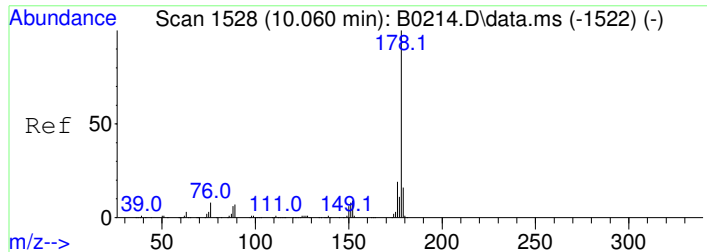
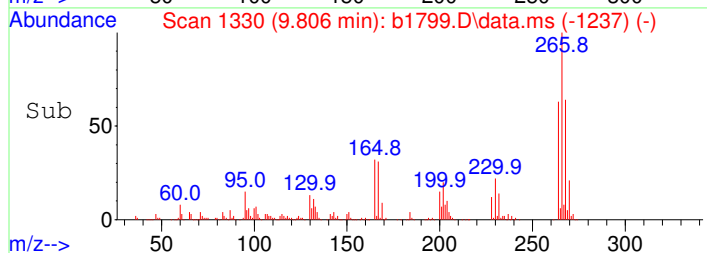
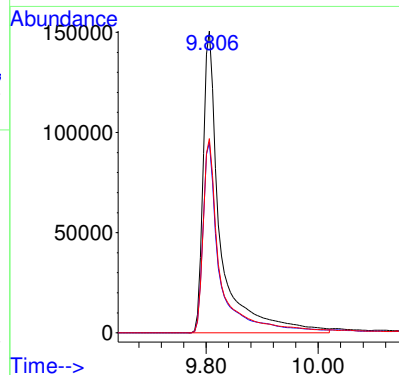
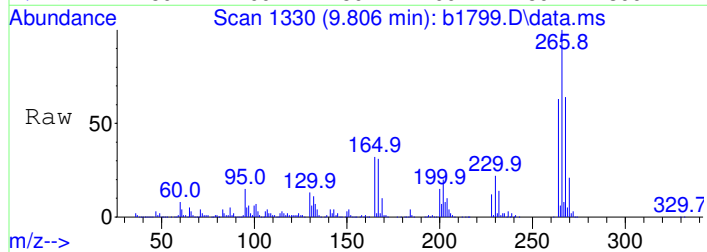
Tgt Ion:200	Resp: 523105
Ion Ratio	Lower Upper
200	100
173	24.8 19.8 29.8





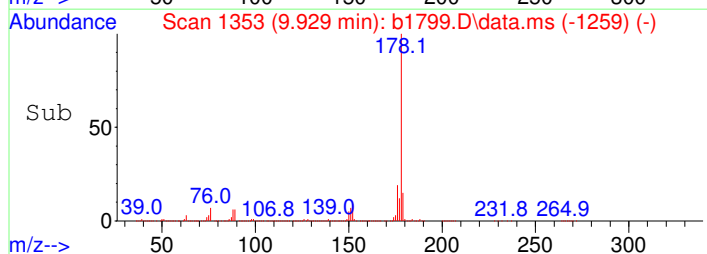
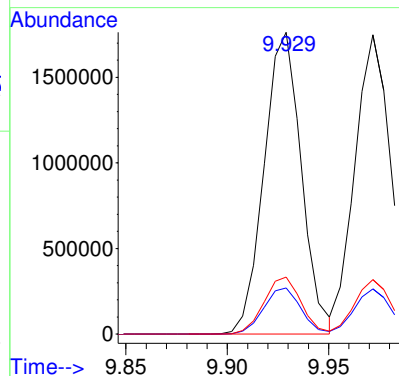
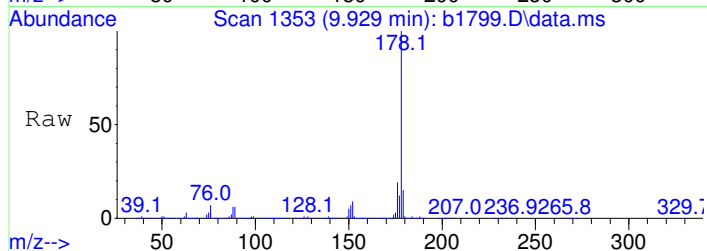
#66
 Pentachlorophenol
 Concen: 130.66 ug
 RT: 9.806 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

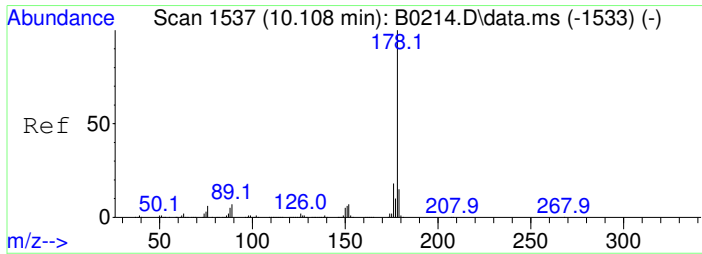
Tgt Ion	266	264	268
Ion Ratio	100	64.5	64.3
Lower		49.3	50.1
Upper		73.9	75.1



#67
 Phenanthrene
 Concen: 115.84 ug
 RT: 9.929 min Scan# 1353
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

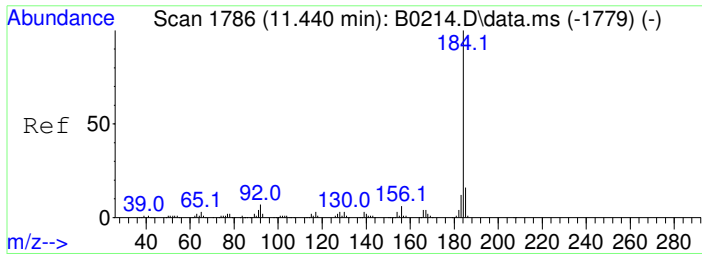
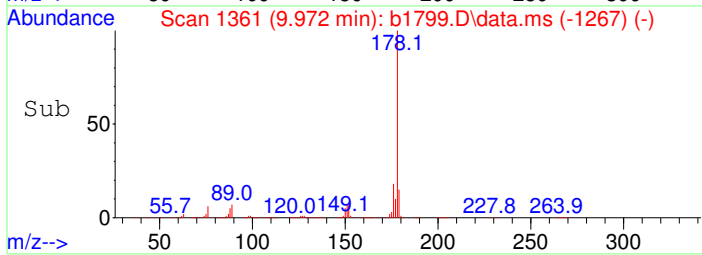
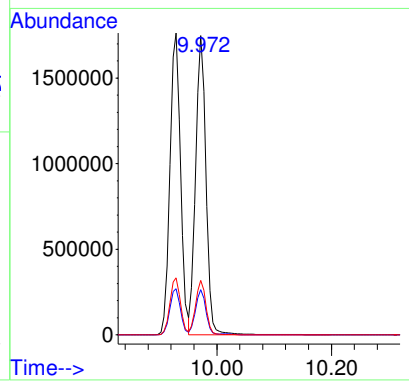
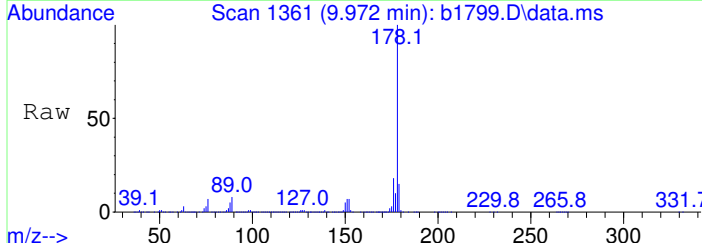
Tgt Ion	178	179	176
Ion Ratio	100	15.4	18.9
Lower		12.2	15.2
Upper		18.2	22.8





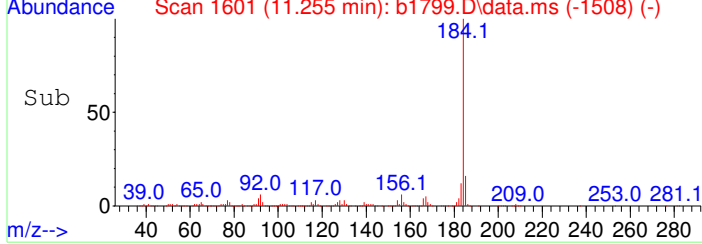
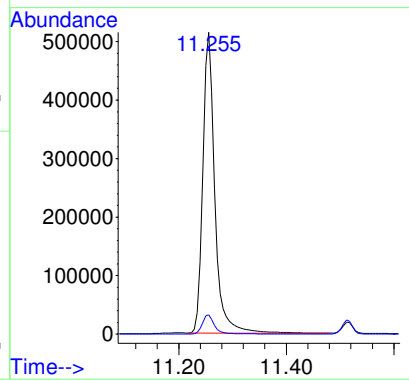
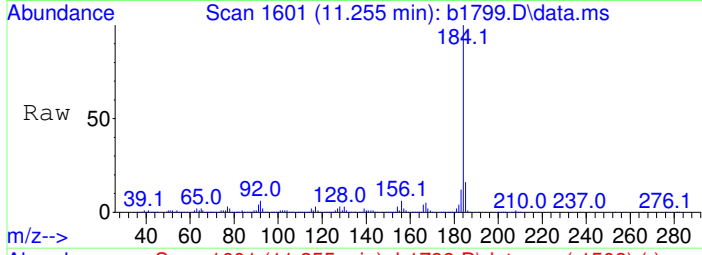
#68
 Anthracene
 Concen: 115.68 ug
 RT: 9.972 min Scan# 1361
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

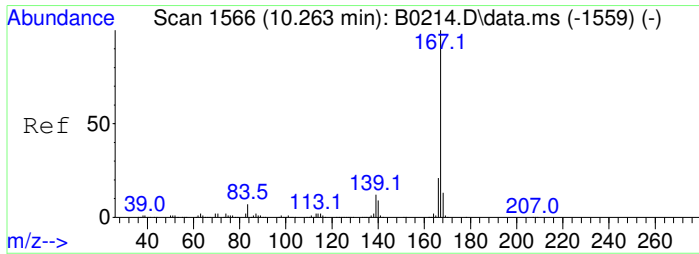
Tgt Ion:178	Resp: 2202510
Ion Ratio	Lower Upper
178 100	
179 15.0	12.4 18.6
176 18.2	14.8 22.2



#69
 Benzidine
 Concen: 100.90 ug
 RT: 11.255 min Scan# 1601
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

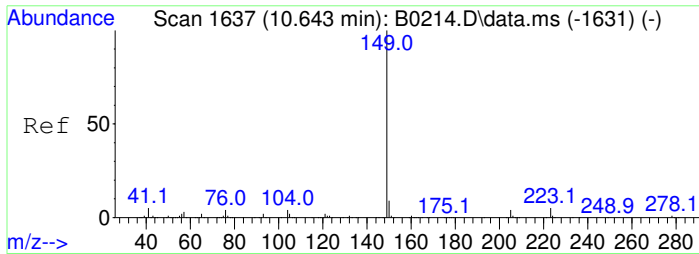
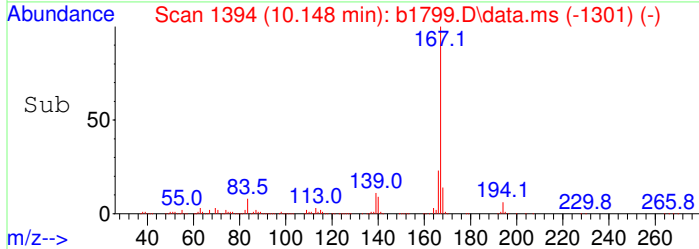
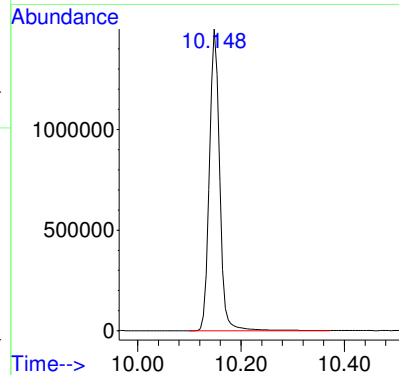
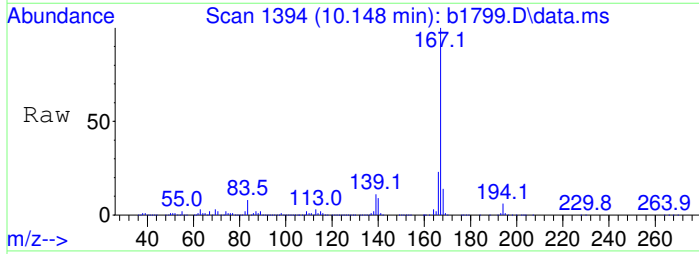
Tgt Ion:184	Resp: 795734
Ion Ratio	Lower Upper
184 100	
92 6.4	4.3 6.5





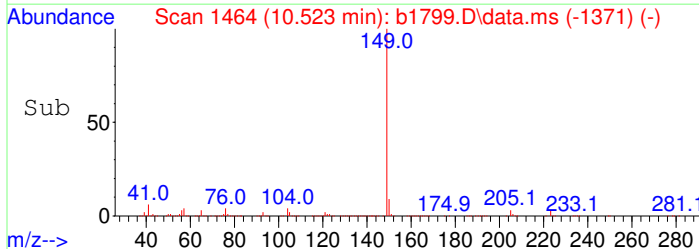
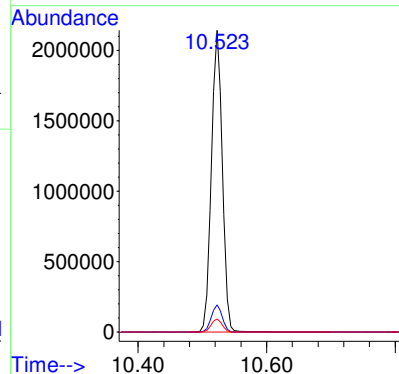
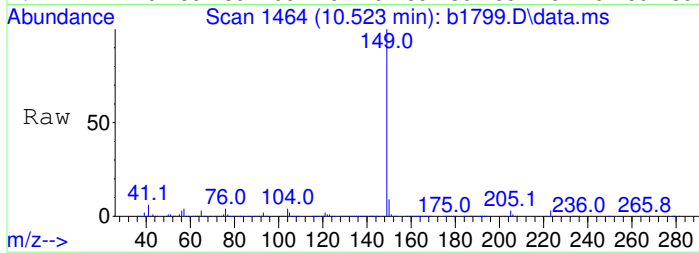
#70
 Carbazole
 Concen: 114.38 ug
 RT: 10.148 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

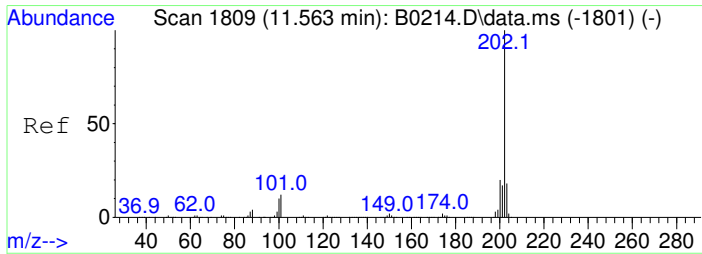
Tgt Ion:167 Resp: 2085795



#71
 Di-n-butylphthalate
 Concen: 115.98 ug
 RT: 10.523 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

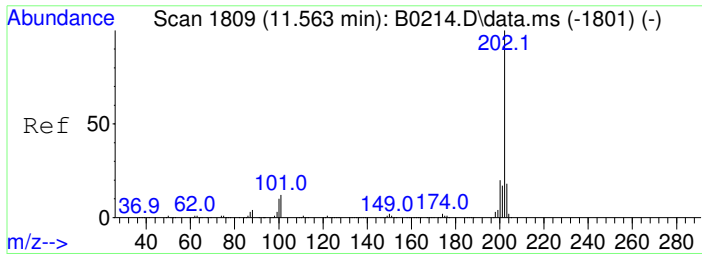
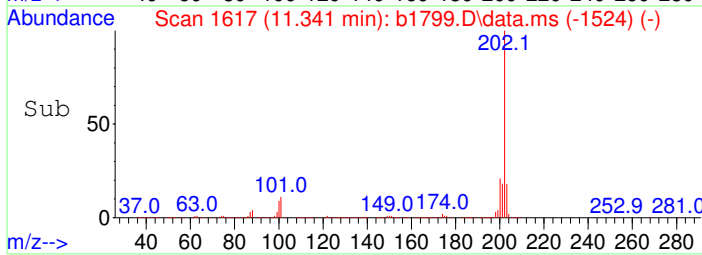
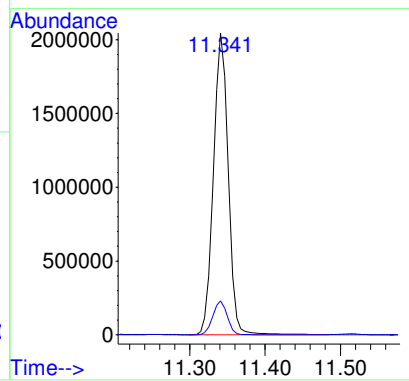
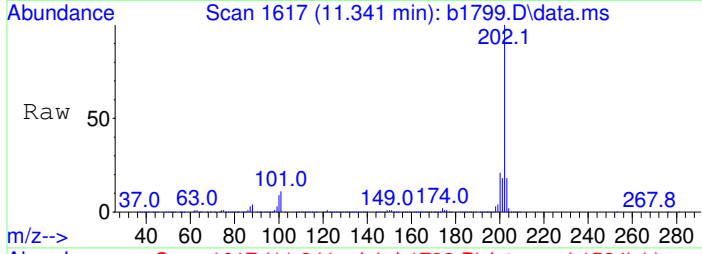
Tgt Ion:149 Resp: 2537687
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.4 4.1 6.1





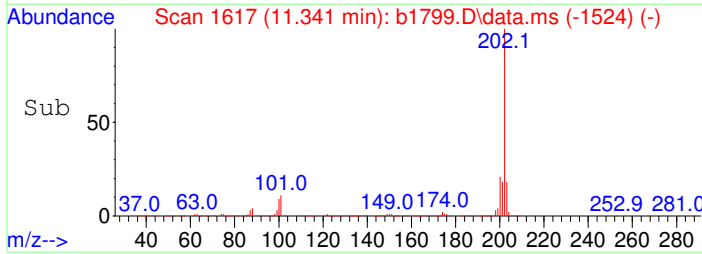
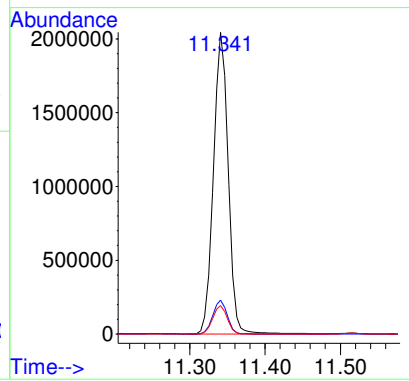
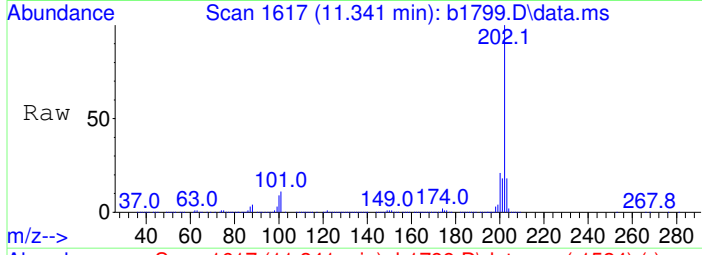
#72
 Fluoranthene
 Concen: 113.76 ug
 RT: 11.341 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

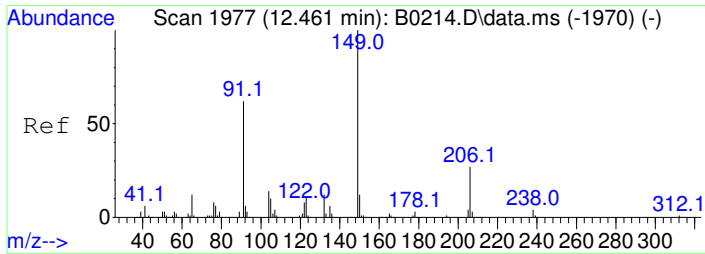
Tgt Ion:	202	Resp:	2772667
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.3	13.9



#74
 Pyrene
 Concen: 116.33 ug
 RT: 11.341 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

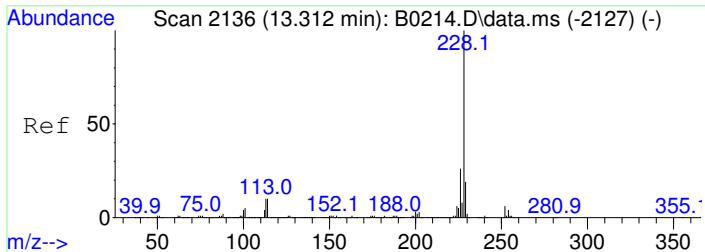
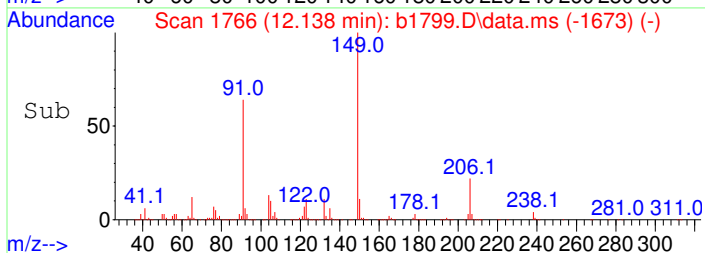
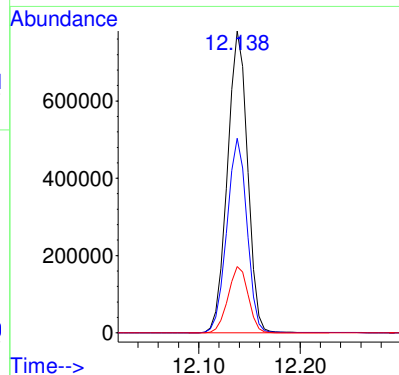
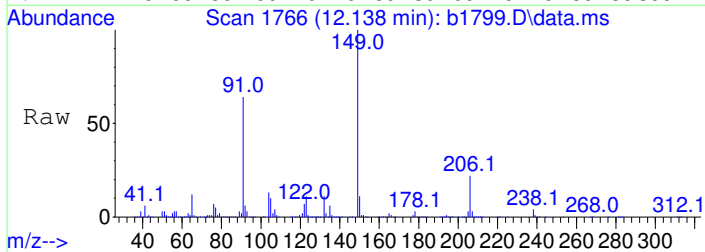
Tgt Ion:	202	Resp:	2772667
Ion Ratio	Lower	Upper	
202	100		
101	11.1	11.0	16.6
100	9.4	8.9	13.3





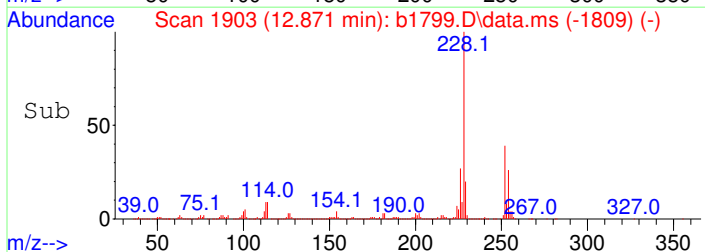
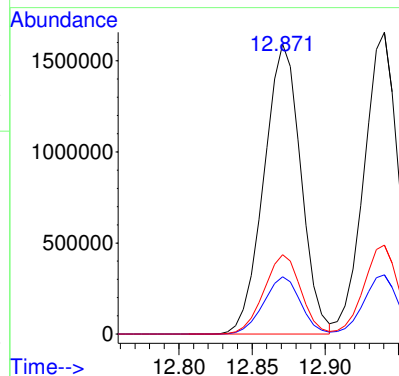
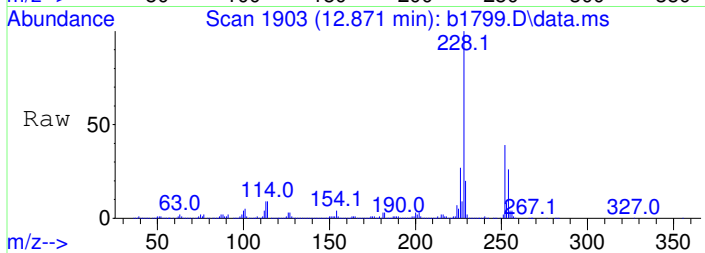
#76
 Butylbenzylphthalate
 Concen: 118.47 ug
 RT: 12.138 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

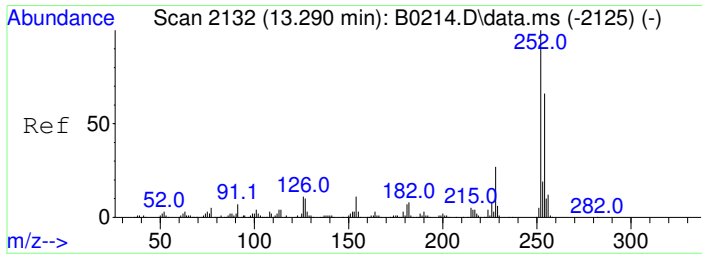
Tgt Ion:	149	Resp:	1078185
Ion Ratio	Lower	Upper	
149	100		
91	64.2	48.0	72.0
206	22.0	21.6	32.4



#77
 Benzo[a]anthracene
 Concen: 115.51 ug
 RT: 12.871 min Scan# 1903
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

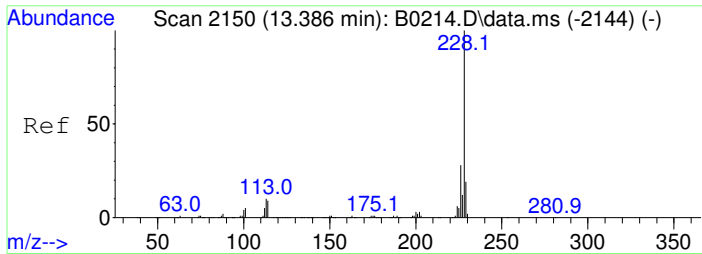
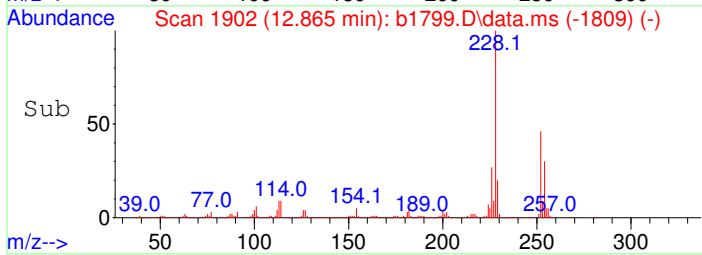
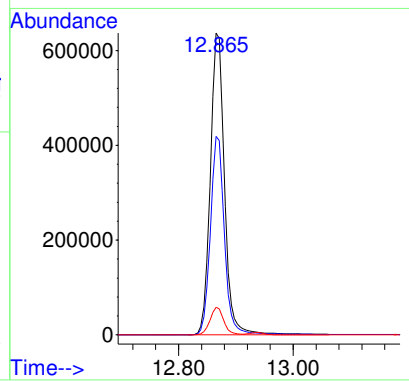
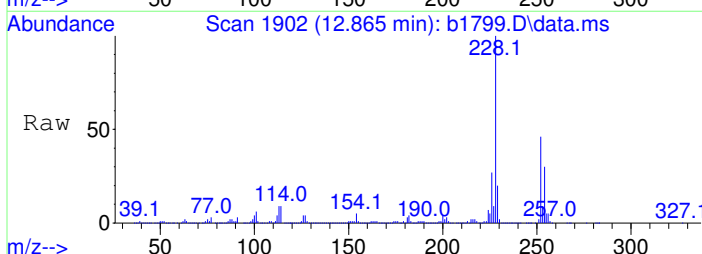
Tgt Ion:	228	Resp:	2799232
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.5	23.3
226	27.3	21.5	32.3





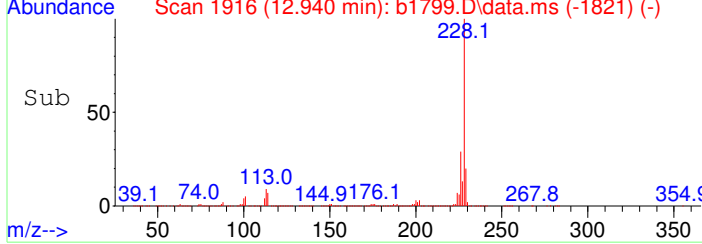
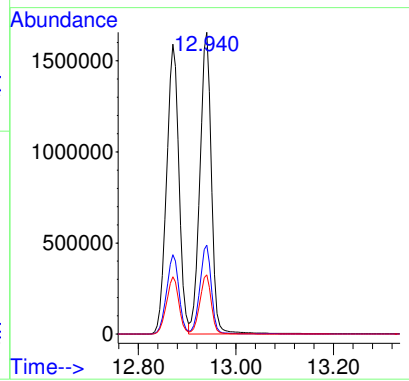
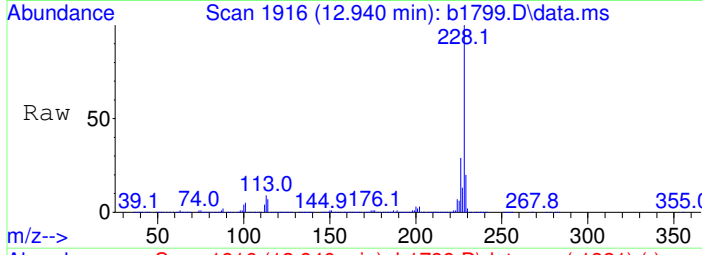
#78
 3,3'-Dichlorobenzidine
 Concen: 113.68 ug
 RT: 12.865 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

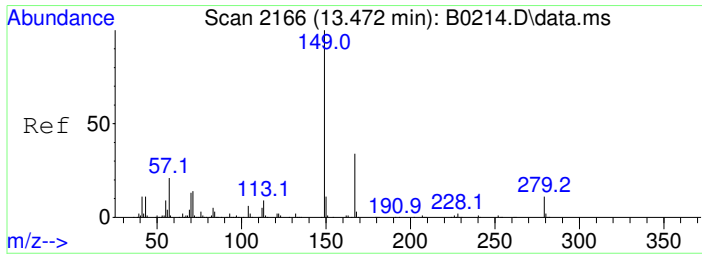
Tgt Ion:252	Resp: 1094265		
Ion Ratio	Lower	Upper	
252	100		
254	64.9	50.6	75.8
126	8.9	8.0	12.0



#79
 Chrysene
 Concen: 116.20 ug
 RT: 12.940 min Scan# 1916
 Delta R.T. 0.011 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

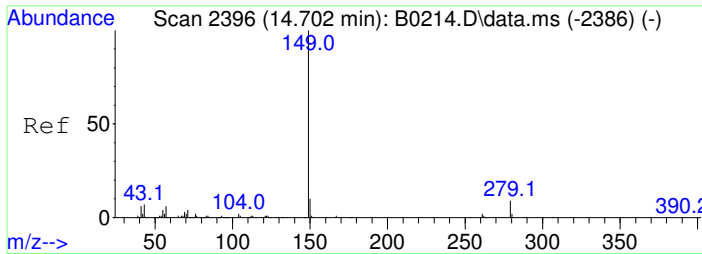
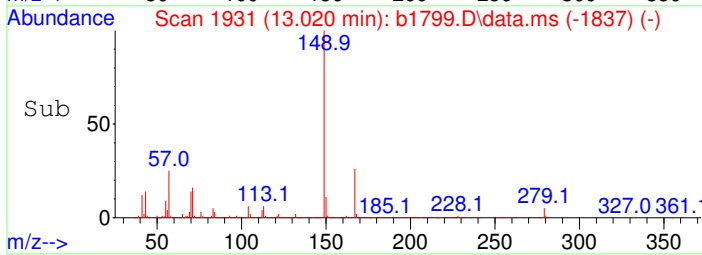
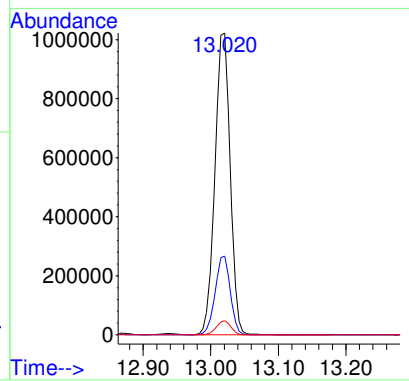
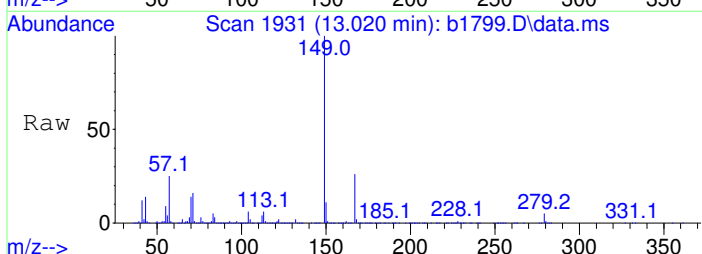
Tgt Ion:228	Resp: 2708632		
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.7	35.5
229	19.7	15.5	23.3





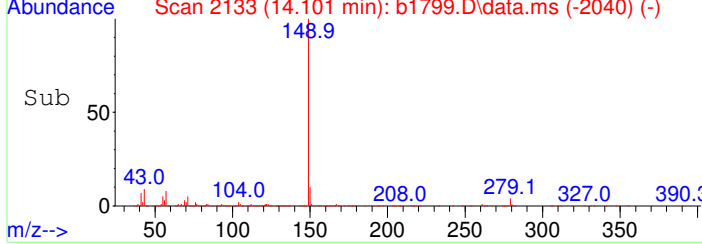
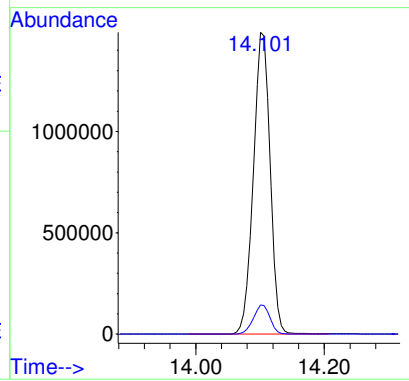
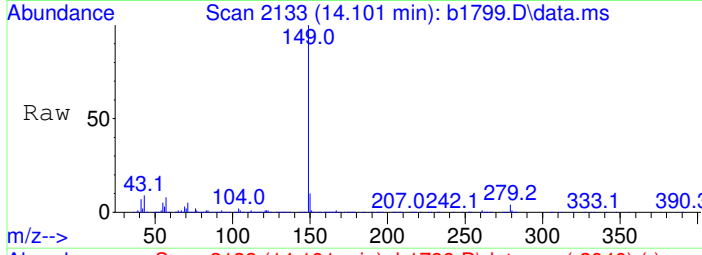
#80
 bis(2-Ethylhexyl)phtha
 Concen: 117.26 ug
 RT: 13.020 min Scan# 1931
 Delta R.T. 0.005 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

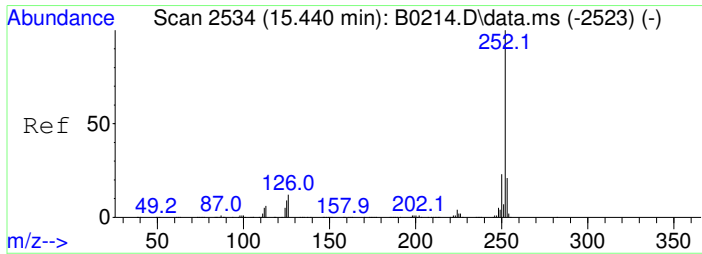
Tgt Ion:149	Resp: 1605972
Ion Ratio	Lower Upper
149 100	
167 25.9	20.4 30.6
279 4.5	3.4 5.2



#82
 Di-n-octylphthalate
 Concen: 119.77 ug
 RT: 14.101 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

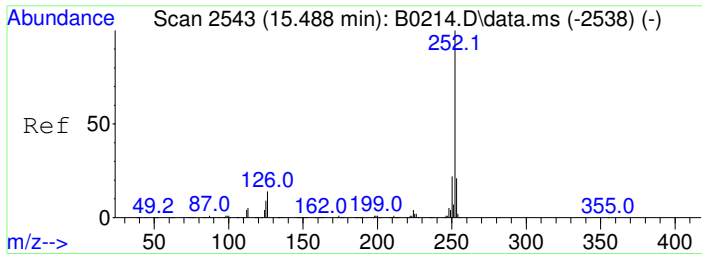
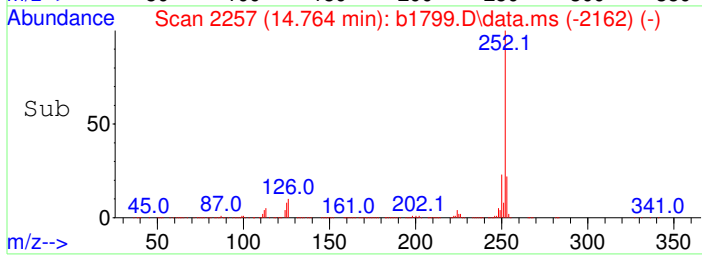
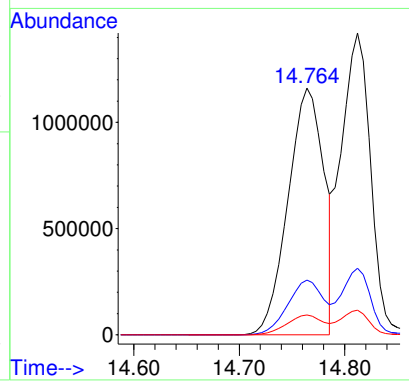
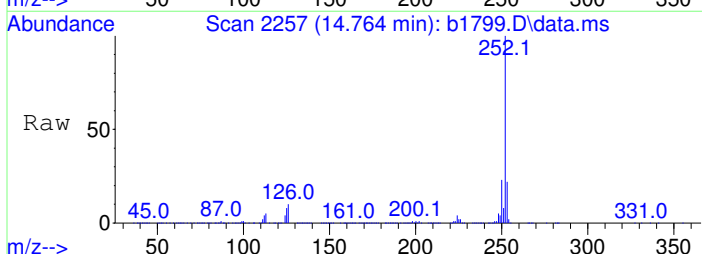
Tgt Ion:149	Resp: 2689436
Ion Ratio	Lower Upper
149 100	
150 9.6	8.9 13.3





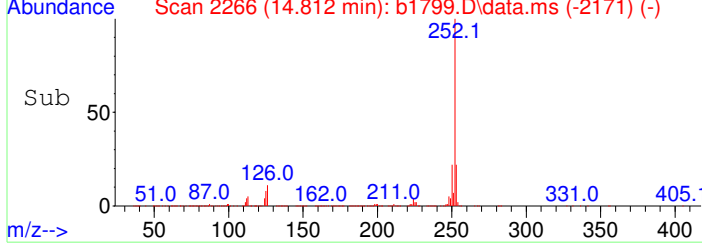
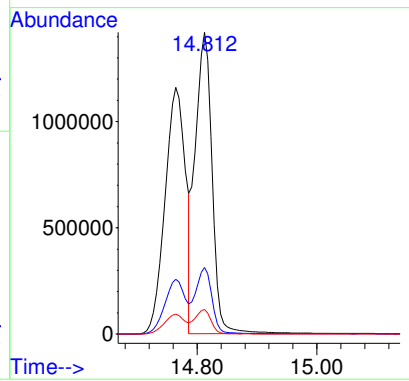
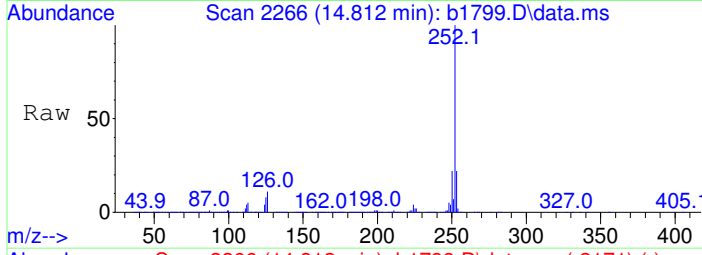
#83
 Benzo[b]fluoranthene
 Concen: 116.25 ug
 RT: 14.764 min Scan# 2257
 Delta R.T. 0.011 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

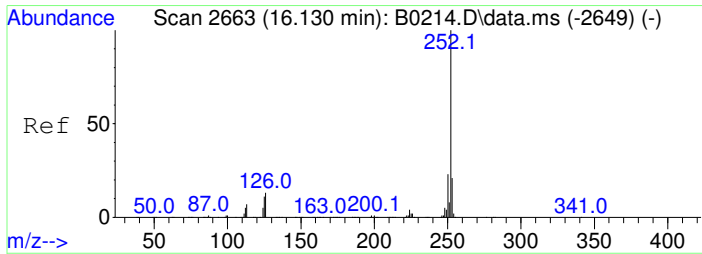
Tgt Ion:	252	Resp:	2750661
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	8.2	6.6	9.8



#84
 Benzo[k]fluoranthene
 Concen: 116.67 ug
 RT: 14.812 min Scan# 2266
 Delta R.T. 0.011 min
 Lab File: b1799.D
 Acq: 19 Jul 2024 9:32 am

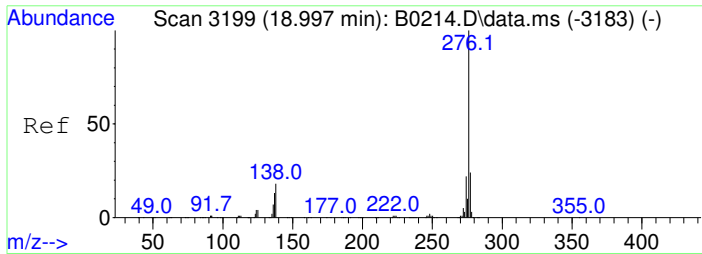
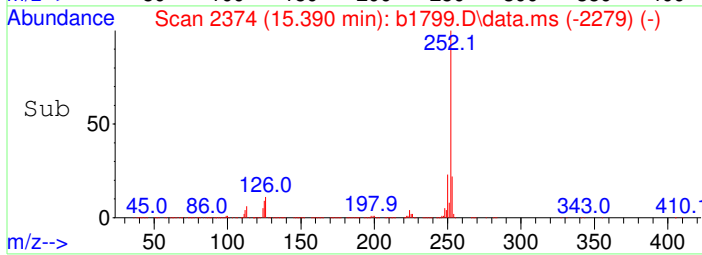
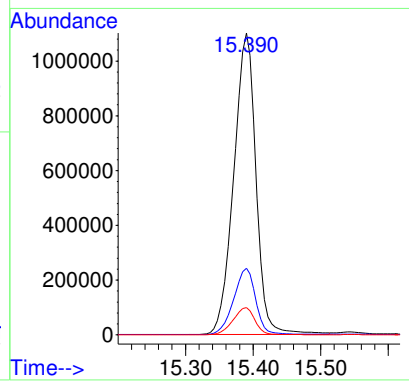
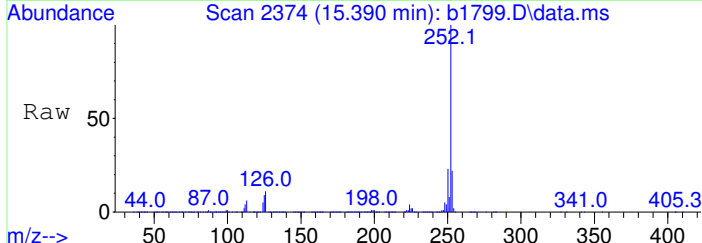
Tgt Ion:	252	Resp:	2787996
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	7.7	6.6	9.8





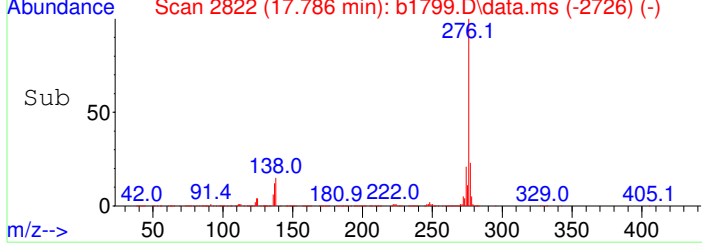
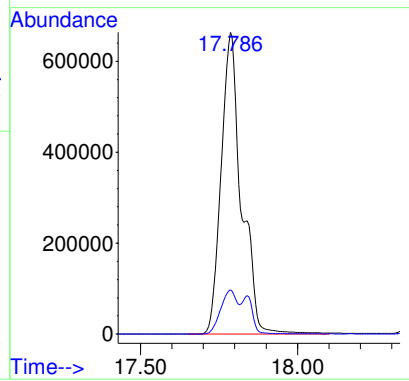
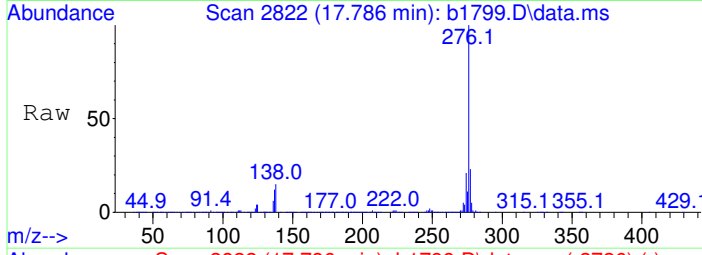
#85
Benzo[a]pyrene
Concen: 115.82 ug
RT: 15.390 min Scan# 2374
Delta R.T. 0.011 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

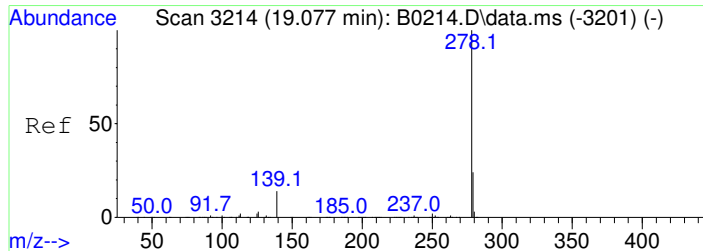
Tgt Ion:	252	Resp:	2516376
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	8.9	7.2	10.8



#86
Indeno[1,2,3-cd]pyrene
Concen: 138.67 ug
RT: 17.786 min Scan# 2822
Delta R.T. 0.016 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

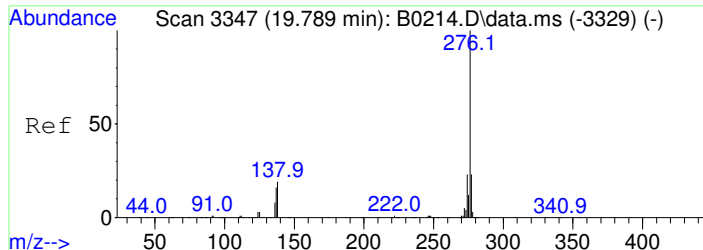
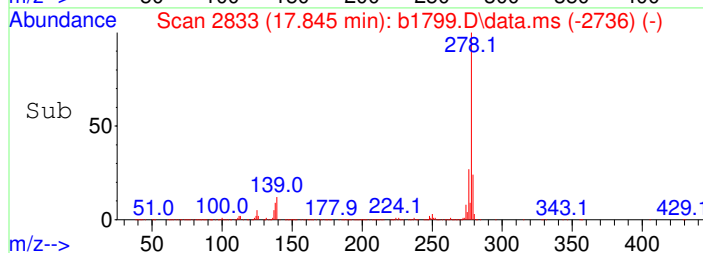
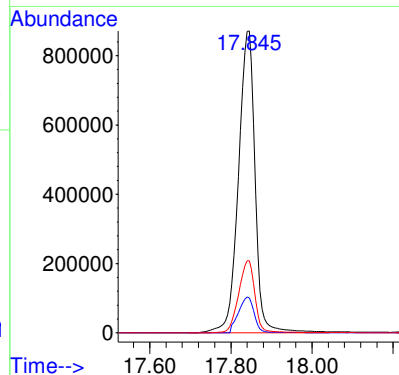
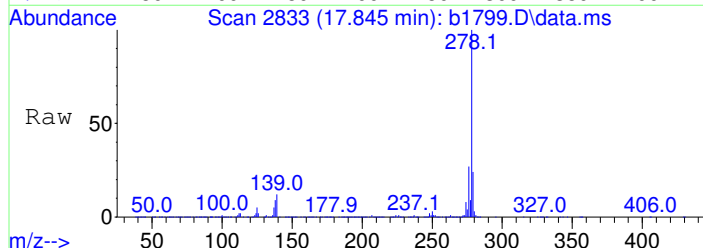
Tgt Ion:	276	Resp:	2985732
Ion Ratio	Lower	Upper	
276	100		
138	11.6	11.8	17.8#





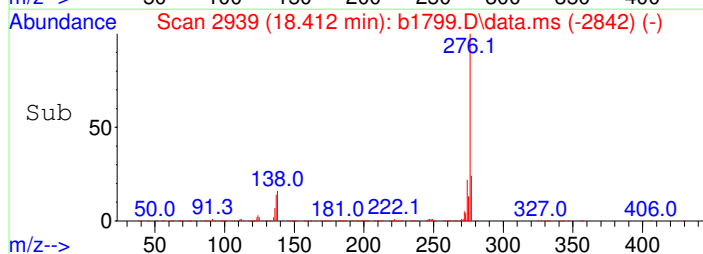
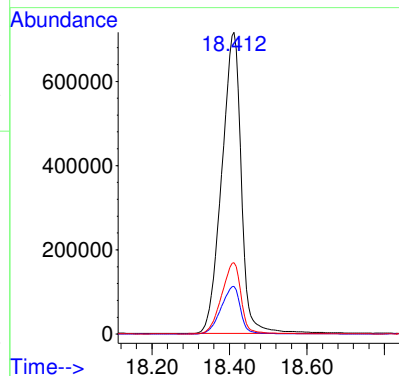
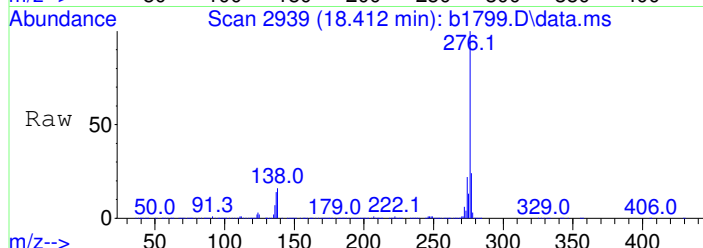
#87
Dibenz[a,h]anthracene
Concen: 113.50 ug
RT: 17.845 min Scan# 2833
Delta R.T. 0.021 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

Tgt	Ion	278	Resp	2496201
Ion	Ratio	100	Lower	Upper
139	11.3	9.4	14.2	
279	23.4	18.9	28.3	



#88
Benzo[g,h,i]perylene
Concen: 113.61 ug
RT: 18.412 min Scan# 2939
Delta R.T. 0.021 min
Lab File: b1799.D
Acq: 19 Jul 2024 9:32 am

Tgt	Ion	276	Resp	2499380
Ion	Ratio	100	Lower	Upper
138	15.7	15.0	22.6	
277	23.8	18.3	27.5	



Data Path : D:\2\data\071924\
 Data File : b1800.D
 Acq On : 19 Jul 2024 10:00 am
 Operator :
 Sample : sstd150
 Misc : ICAL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 14:12:17 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.489	152	154283	40.00	ug	0.00
21) Naphthalene-d8	6.725	136	606396	40.00	ug	0.00
37) Acenaphthene-d10	8.453	164	383714	40.00	ug	0.00
58) Phenanthrene-d10	9.902	188	804260	40.00	ug	0.00
73) Chrysene-d12	12.897	240	752705	40.00	ug	0.00
81) Perylene-d12	15.497	264	832840	40.00	ug	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.382	112	788470	161.45	ug	0.00
3) Phenol-d5	5.281	99	759386	164.09	ug	0.00
22) Nitrobenzene-d5	6.056	82	785905	150.68	ug	0.00
42) 2-Fluorobiphenyl	7.795	172	2059105	151.22	ug	0.00
61) 2,4,6-Tribromophenol	9.255	330	492187	156.22	ug	0.00
75) Terphenyl-d14	11.517	244	3242354	150.17	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.960	79	670820	158.80	ug	94
5) n-Nitrosodimethylamine	2.970	74	389537	154.73	ug	100
6) Benzaldehyde	5.088	77	488479	131.37	ug	89
7) Aniline	5.233	93	958073	160.25	ug	98
8) Phenol	5.292	94	875511	151.72	ug	# 85
9) bis(2-Chloroethyl)ether	5.281	93	687440	149.05	ug	# 96
10) 2-Chlorophenol	5.356	128	738429	154.73	ug	# 89
11) 1,3-Dichlorobenzene	5.457	146	883288	157.90	ug	99
12) 1,4-Dichlorobenzene	5.505	146	905833	149.08	ug	100
13) Benzyl alcohol	5.826	108	628124	146.49	ug	# 51
14) 1,2-Dichlorobenzene	5.687	146	856003	152.72	ug	99
15) 2-Methylphenol	5.826	108	628124	146.49	ug	85
16) bis(2-chloroisopropyl)	5.794	45	856295	150.05	ug	# 78
17) Acetophenone	5.907	105	1212128	152.08	ug	99
18) 4-Methylphenol	5.971	108	751483	151.99	ug	94
19) n-Nitroso-di-n-propyla	5.933	70	515008	152.56	ug	96
20) Hexachloroethane	5.976	117	315642	151.49	ug	99
23) Nitrobenzene	6.072	77	848934	153.77	ug	98
24) Isophorone	6.297	82	981359	150.77	ug	99
25) 2-Nitrophenol	6.377	139	436422	153.92	ug	97
26) 2,4-Dimethylphenol	6.452	107	661352	154.24	ug	98
27) bis(2-Chloroethoxy)met	6.511	93	837360	150.70	ug	98
28) 2,4-Dichlorophenol	6.639	162	722169	152.32	ug	99
29) 1,2,4-Trichlorobenzene	6.688	180	866573	149.81	ug	100
30) Naphthalene	6.746	128	2302345	150.89	ug	99
31) Benzoic Acid	6.629	105	475468	159.77	ug	89
32) 4-Chloroaniline	6.832	127	940104	150.10	ug	99
33) Hexachlorobutadiene	6.918	225	566434	152.98	ug	99
34) Capralactam	7.185	113	201207	154.90	ug	98
35) 4-Chloro-3-methylphenol	7.356	107	654618	152.65	ug	# 1
36) 2-Methylnaphthalene	7.415	142	1763801	147.88	ug	95
38) Hexachlorocyclopentadiene	7.634	237	651689	154.13	ug	98
39) 2,4,6-Trichlorophenol	7.747	196	596996	154.49	ug	98
40) 2,4,5-Trichlorophenol	7.805	196	704331	156.43	ug	99
41) Biphenyl	7.880	154	2245487	148.66	ug	# 89
43) 2-Chloronaphthalene	7.896	162	1701370	148.35	ug	97
44) 2-Nitroaniline	8.046	65	471007	153.62	ug	# 78
45) Dimethylphthalate	8.233	163	1942257	149.48	ug	# 96
46) Acenaphthylene	8.308	152	2254655	148.49	ug	99
47) 2,6-Dinitrotoluene	8.308	165	429583	152.36	ug	98
48) 3-Nitroaniline	8.458	138	431123	150.89	ug	# 29

Data Path : D:\2\data\071924\
 Data File : b1800.D
 Acq On : 19 Jul 2024 10:00 am
 Operator :
 Sample : sstd150
 Misc : ICAL
 ALS Vial : 4 Sample Multiplier: 1

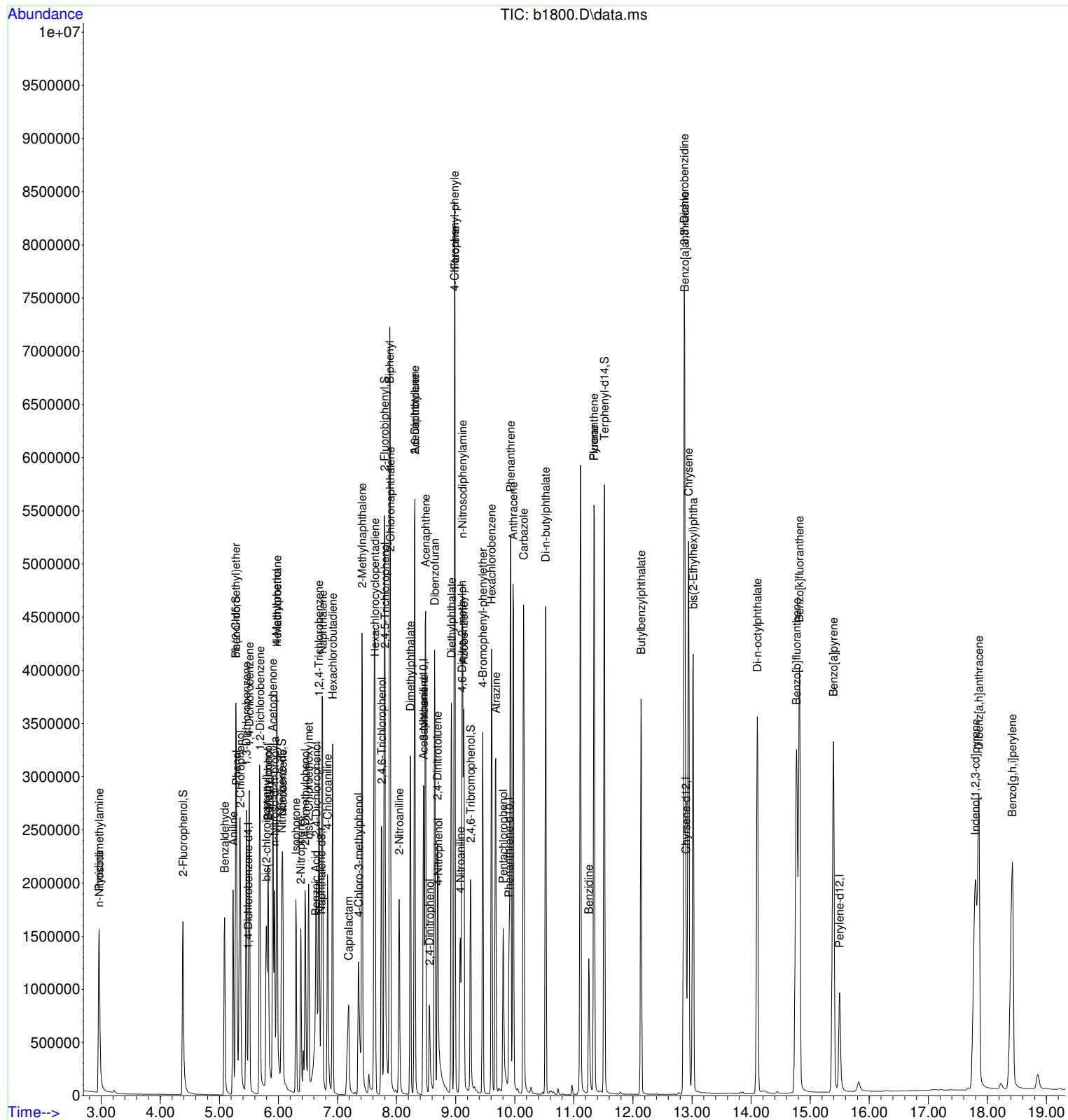
Quant Time: Aug 01 14:12:17 2024
 Quant Method : C:\msdchem\2\qtmethd-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Jul 19 11:19:19 2024
 Response via : Initial Calibration

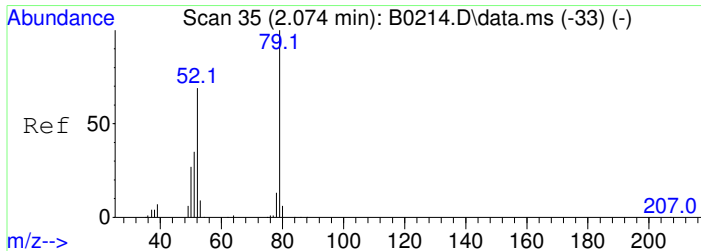
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
49) Acenaphthene	8.490	153	1626786	147.08	ug	95
50) 2,4-Dinitrophenol	8.560	184	256770	156.01	ug	89
51) 4-Nitrophenol	8.704	109	211392	160.88	ug	95
52) Dibenzofuran	8.645	168	2473938	149.19	ug	92
53) 2,4-Dinitrotoluene	8.693	165	628540	156.87	ug	# 76
54) Diethylphthalate	8.929	149	1945342	150.19	ug	97
55) Fluorene	8.987	166	1921696	148.53	ug	93
56) 4-Chlorophenyl-phenyle	8.982	204	1041769	148.22	ug	98
57) 4-Nitroaniline	9.078	138	428914	151.40	ug	# 88
59) 4,6-Dinitro-2-methylph	9.105	198	426525	178.39	ug	100
60) n-Nitrosodiphenylamine	9.116	169	1404342	147.10	ug	90
62) Azobenzene	9.137	77	1903304	149.34	ug	# 81
63) 4-Bromophenyl-phenylether	9.458	248	743171	150.93	ug	96
64) Hexachlorobenzene	9.608	284	940746	148.97	ug	# 91
65) Atrazine	9.677	200	660862	144.75	ug	99
66) Pentachlorophenol	9.806	266	454321	180.32	ug	99
67) Phenanthrene	9.929	178	2913820	148.09	ug	100
68) Anthracene	9.972	178	2812568	146.27	ug	100
69) Benzidine	11.255	184	850694	106.81	ug	98
70) Carbazole	10.148	167	2726194	148.02	ug	100
71) Di-n-butylphthalate	10.523	149	3273139	148.12	ug	99
72) Fluoranthene	11.341	202	3605465	146.48	ug	99
74) Pyrene	11.341	202	3605465	149.34	ug	94
76) Butylbenzylphthalate	12.138	149	1402089	152.08	ug	93
77) Benzo[a]anthracene	12.876	228	3697316	150.62	ug	99
78) 3,3'-Dichlorobenzidine	12.871	252	1367730	140.27	ug	97
79) Chrysene	12.940	228	3523609	149.22	ug	100
80) bis(2-Ethylhexyl)phtha	13.020	149	2109146	152.03	ug	100
82) Di-n-octylphthalate	14.106	149	3501765	154.89	ug	96
83) Benzo[b]fluoranthene	14.769	252	3630575	152.41	ug	100
84) Benzo[k]fluoranthene	14.817	252	3384329	140.67	ug	99
85) Benzo[a]pyrene	15.395	252	3313616	151.48	ug	99
86) Indeno[1,2,3-cd]pyrene	17.797	276	3257262	150.27	ug	99
87) Dibenz[a,h]anthracene	17.855	278	3302263	149.14	ug	99
88) Benzo[g,h,i]perylene	18.422	276	3296751	148.84	ug	96

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

Data Path : D:\2\data\071924\
Data File : b1800.D
Acq On : 19 Jul 2024 10:00 am
Operator :
Sample : sstd150
Misc : ICAL
ALS Vial : 4 Sample Multiplier: 1

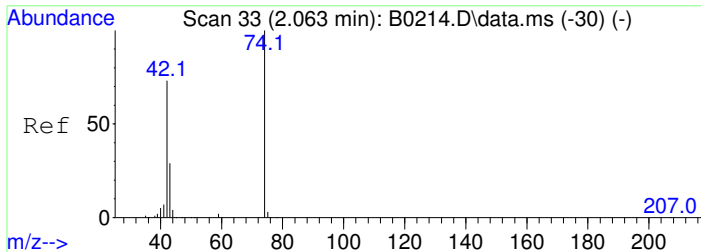
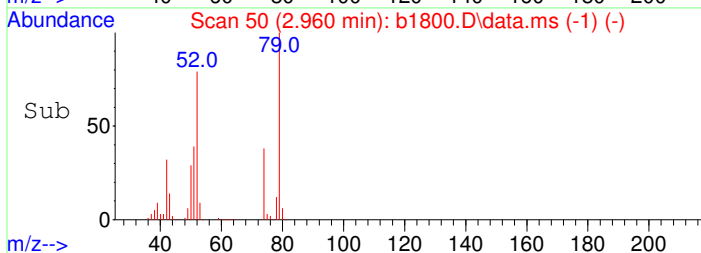
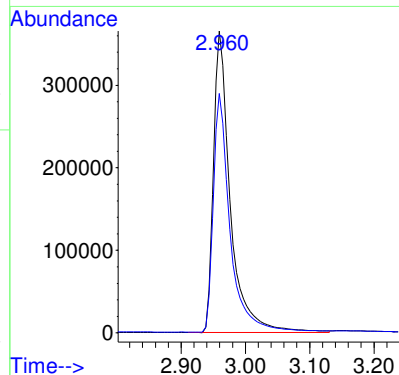
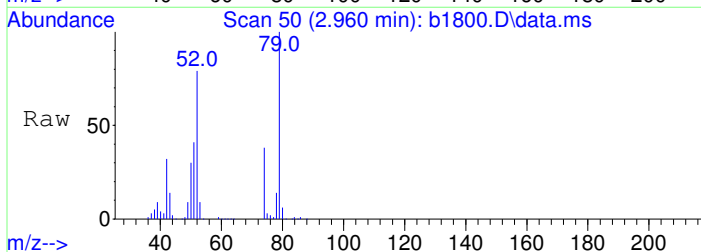
Quant Time: Aug 01 14:12:17 2024
Quant Method : C:\msdchem\2\qtmethds-b\methB071924.M
Quant Title : e8270 Calibration
QLast Update : Fri Jul 19 11:19:19 2024
Response via : Initial Calibration





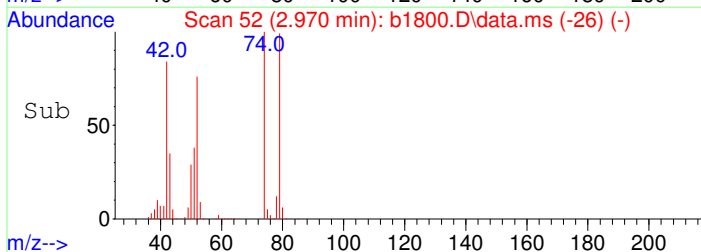
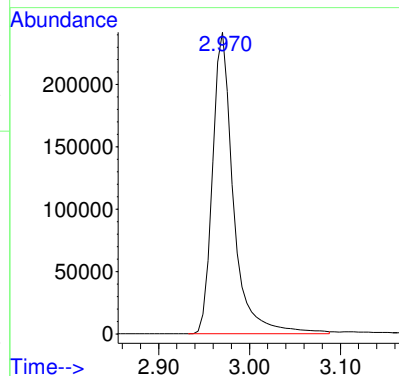
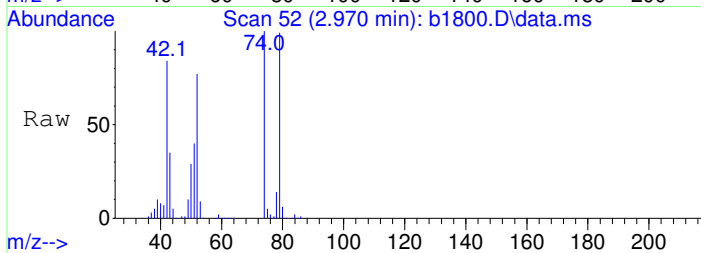
#4
Pyridine
Concen: 158.80 ug
RT: 2.960 min Scan# 50
Delta R.T. -0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

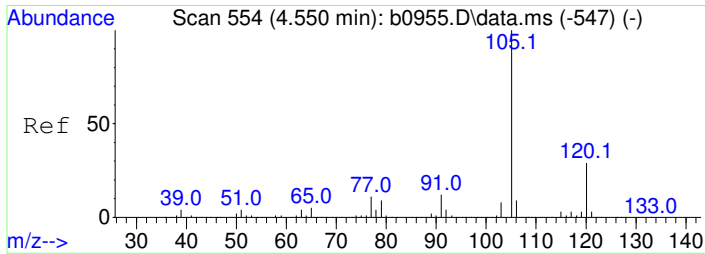
Tgt Ion: 79 Resp: 670820
Ion Ratio Lower Upper
79 100
52 78.5 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 154.73 ug
RT: 2.970 min Scan# 52
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

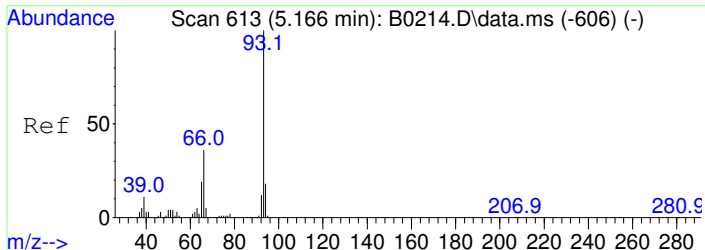
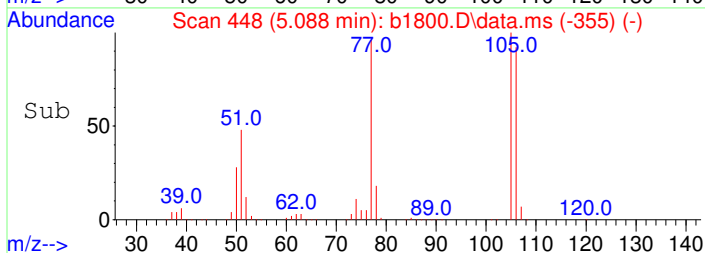
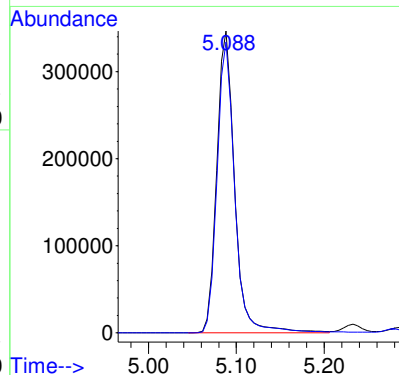
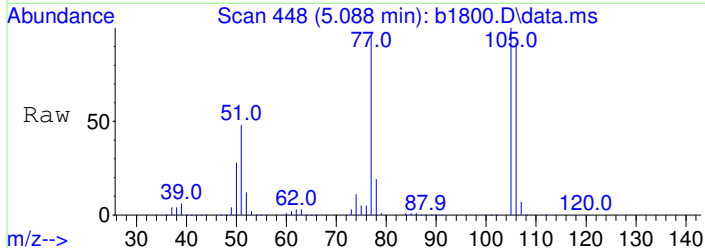
Tgt Ion: 74 Resp: 389537





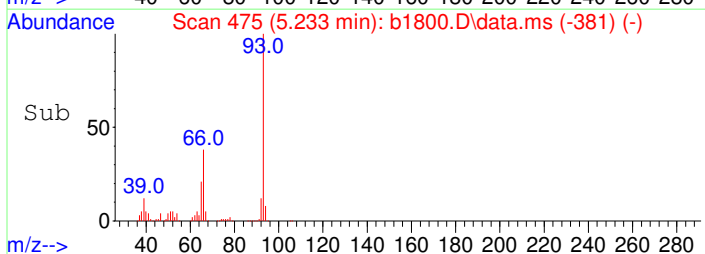
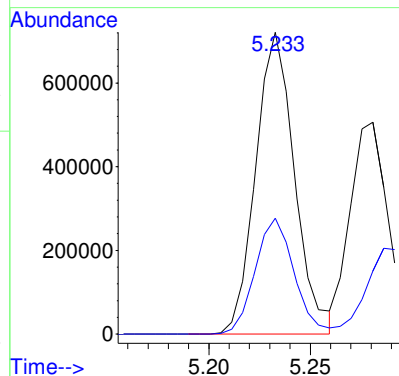
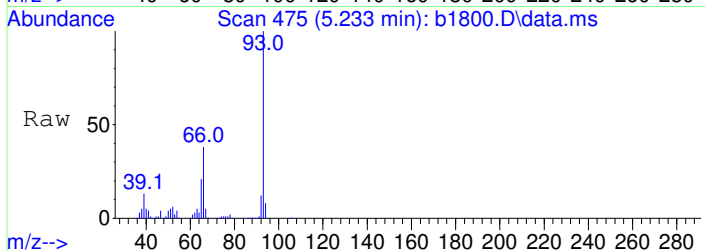
#6
Benzaldehyde
Concen: 131.37 ug
RT: 5.088 min Scan# 448
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

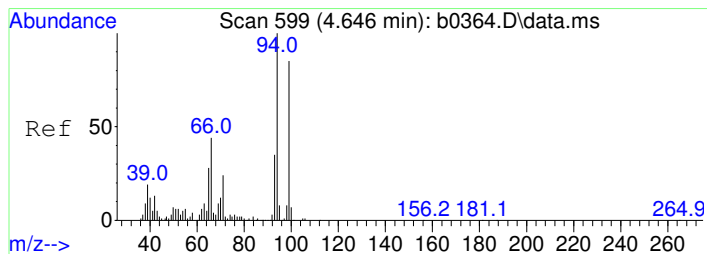
Tgt Ion: 77 Resp: 488479
Ion Ratio Lower Upper
77 100
106 96.3 86.2 129.2



#7
Aniline
Concen: 160.25 ug
RT: 5.233 min Scan# 475
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

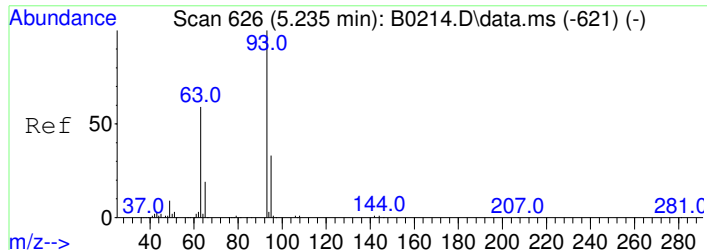
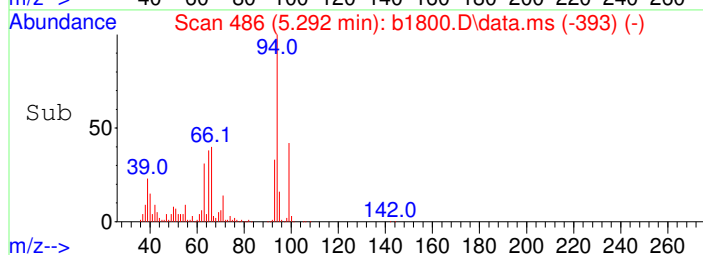
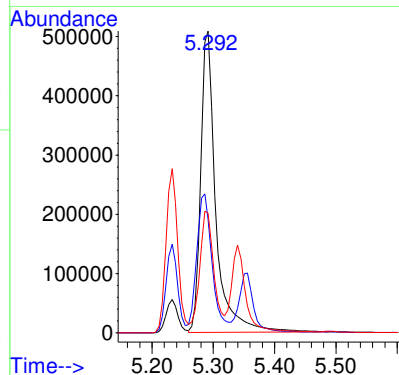
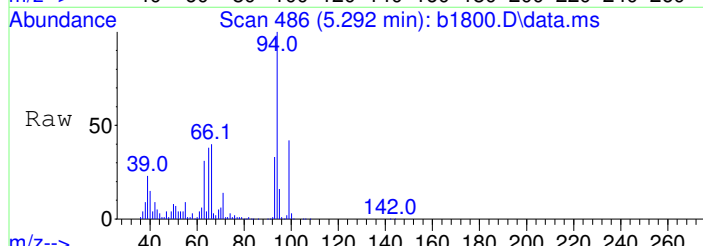
Tgt Ion: 93 Resp: 958073
Ion Ratio Lower Upper
93 100
66 38.3 31.4 47.2





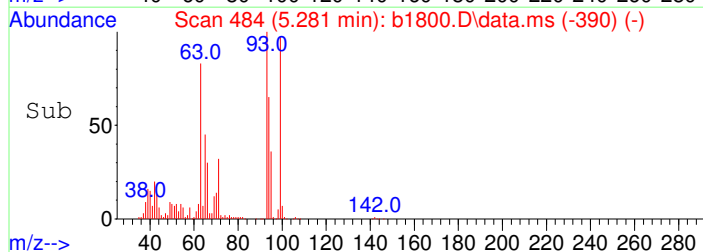
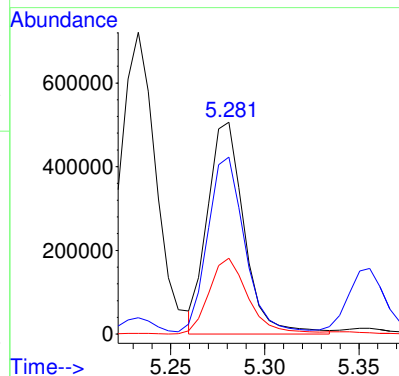
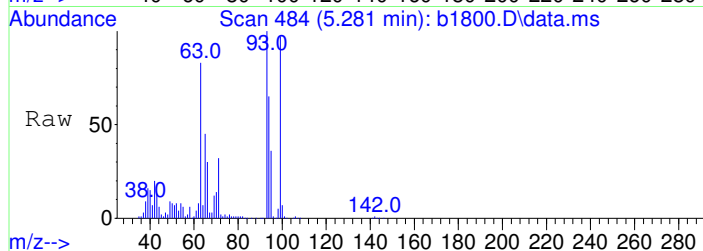
#8
Phenol
Concen: 151.72 ug
RT: 5.292 min Scan# 486
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

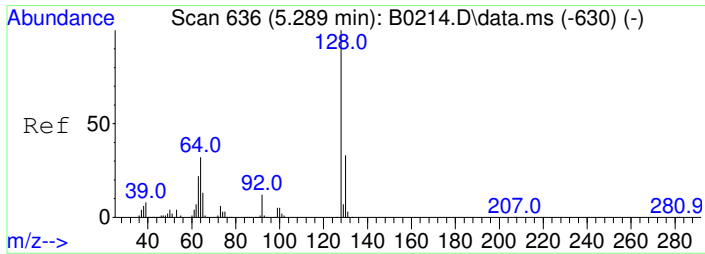
Tgt Ion: 94 Resp: 875511
Ion Ratio Lower Upper
94 100
65 46.8 25.7 38.5#
66 38.1 33.5 50.3



#9
bis(2-Chloroethyl)ether
Concen: 149.05 ug
RT: 5.281 min Scan# 484
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

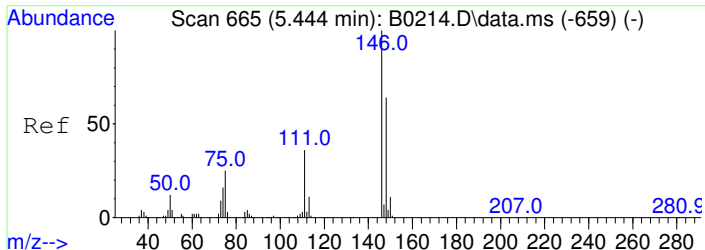
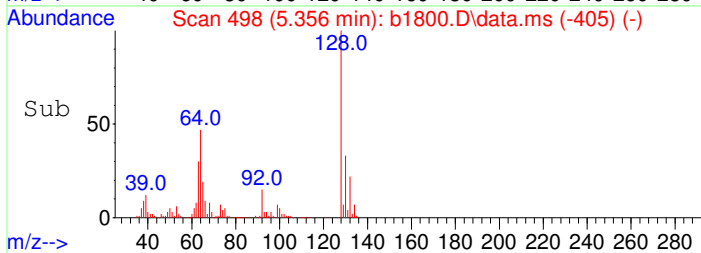
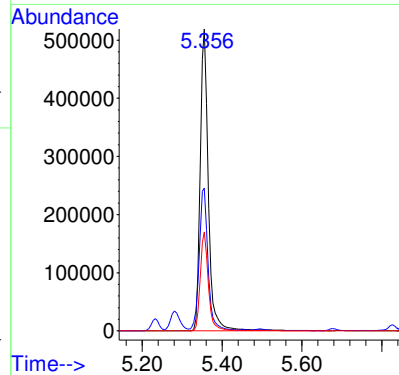
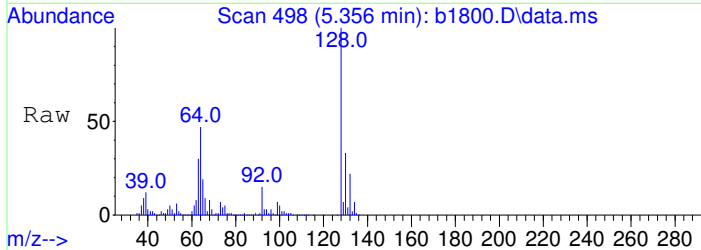
Tgt Ion: 93 Resp: 687440
Ion Ratio Lower Upper
93 100
63 84.4 67.0 100.4
95 37.9 24.8 37.2#





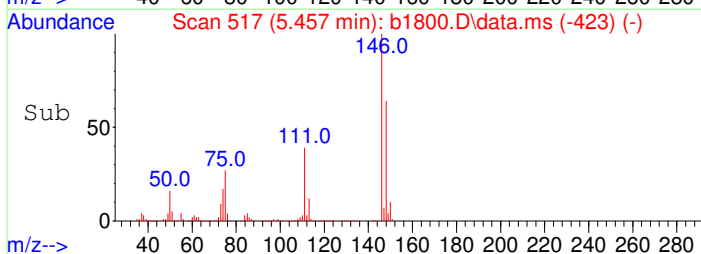
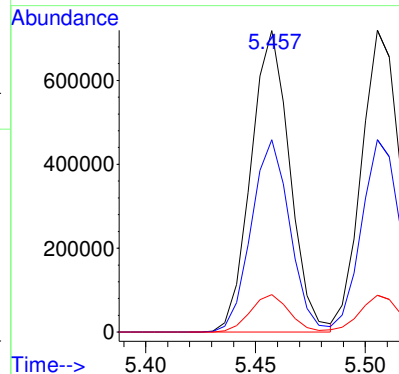
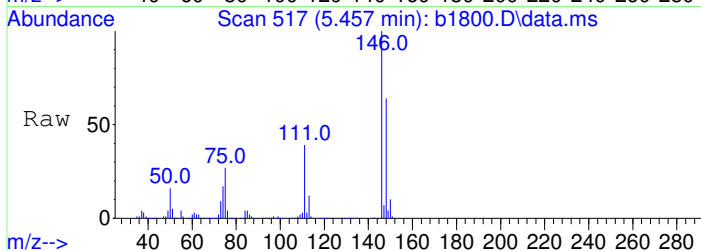
#10
2-Chlorophenol
Concen: 154.73 ug
RT: 5.356 min Scan# 498
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

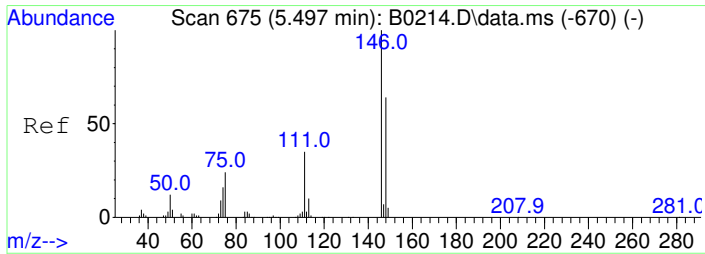
Tgt Ion	Ratio	Lower	Upper
128	100		
64	49.5	29.4	44.2#
130	32.5	25.9	38.9



#11
1,3-Dichlorobenzene
Concen: 157.90 ug
RT: 5.457 min Scan# 517
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

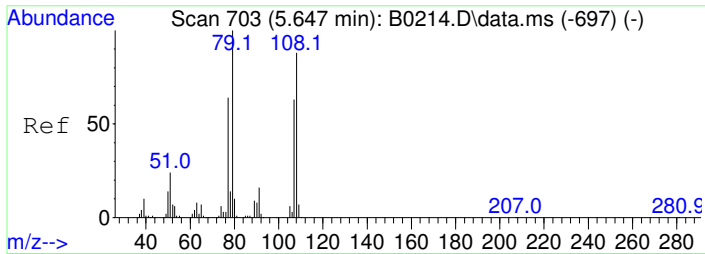
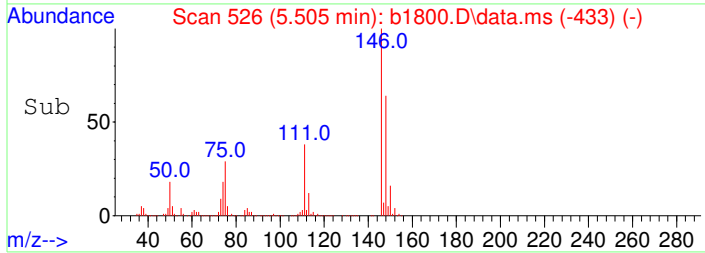
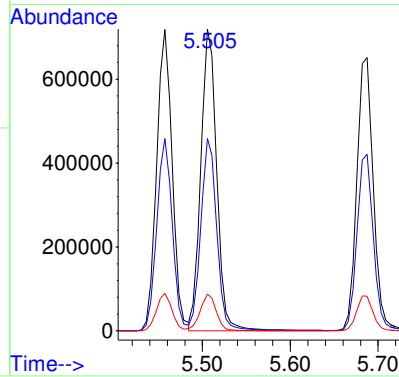
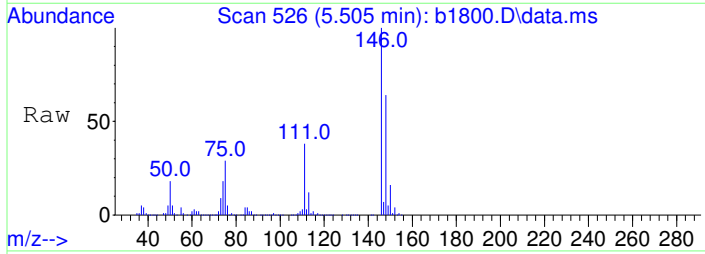
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
113	12.4	10.2	15.2





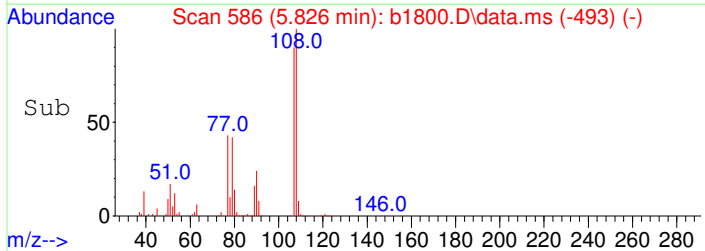
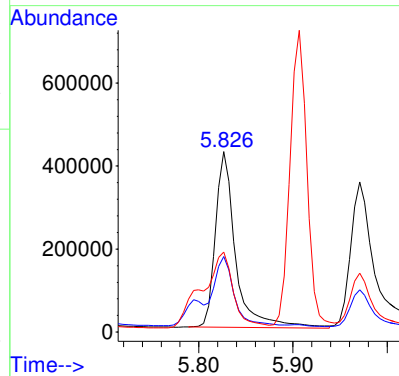
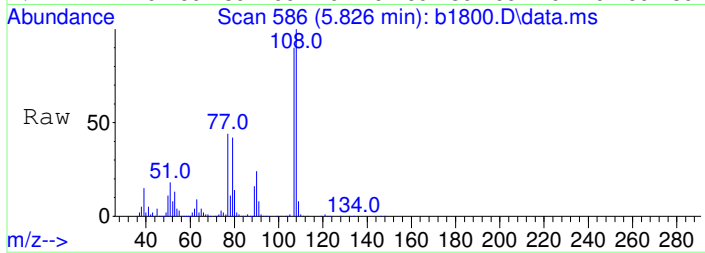
#12
1,4-Dichlorobenzene
Concen: 149.08 ug
RT: 5.505 min Scan# 526
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

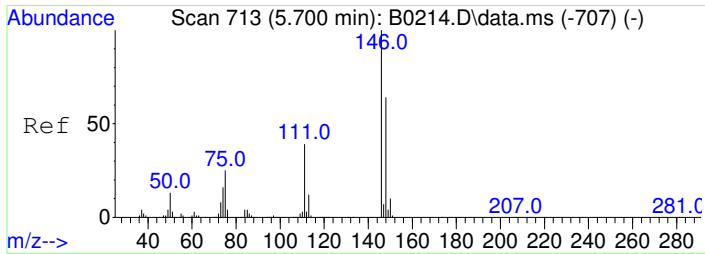
Tgt Ion:146	Resp:	905833
Ion Ratio	Lower	Upper
146	100	
148	63.7	51.0 76.6
113	12.5	9.9 14.9



#13
Benzyl alcohol
Concen: 146.49 ug
RT: 5.826 min Scan# 586
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

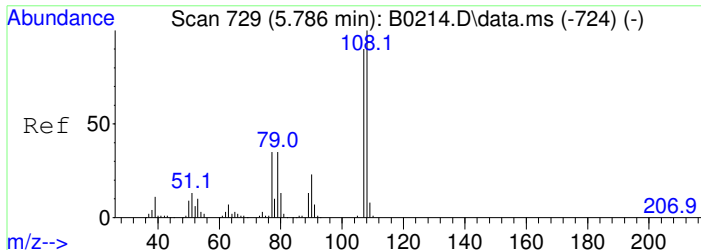
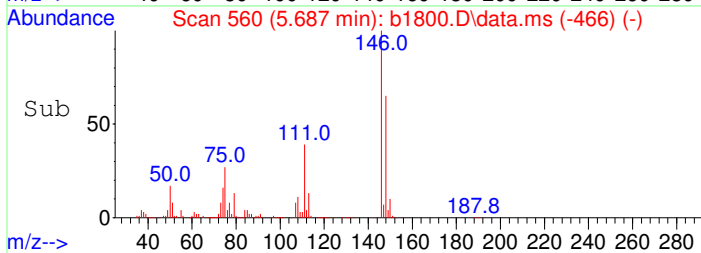
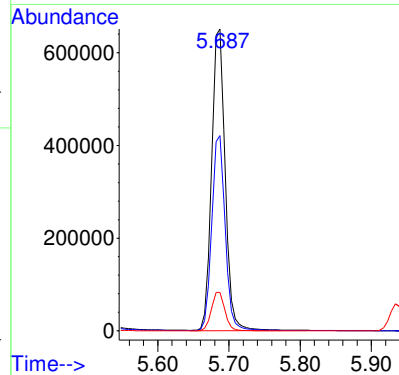
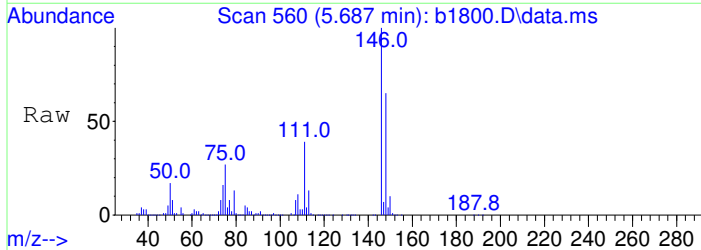
Tgt Ion:108	Resp:	628124
Ion Ratio	Lower	Upper
108	100	
79	40.5	98.0 147.0#
77	70.5	65.7 98.5





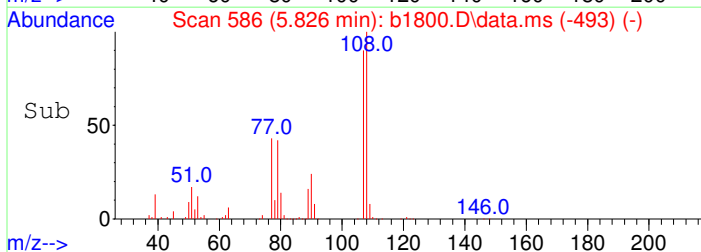
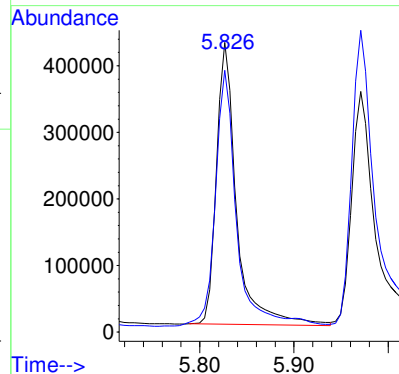
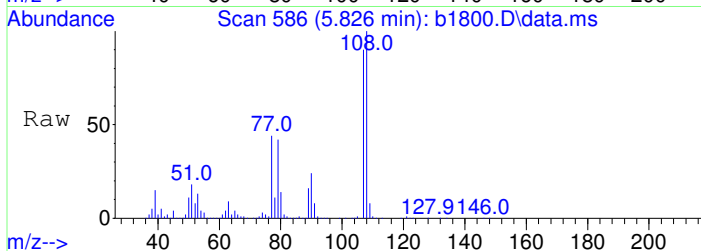
#14
 1,2-Dichlorobenzene
 Concen: 152.72 ug
 RT: 5.687 min Scan# 560
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

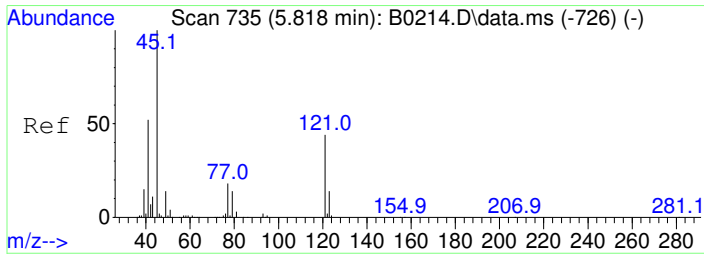
Tgt Ion:	146	Resp:	856003
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.7	76.1
113	12.7	10.2	15.2



#15
 2-Methylphenol
 Concen: 146.49 ug
 RT: 5.826 min Scan# 586
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

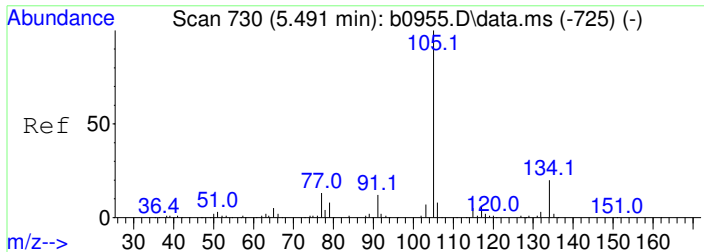
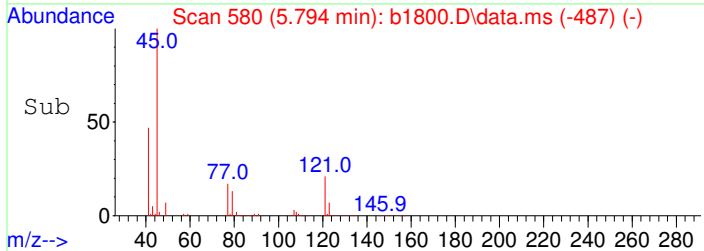
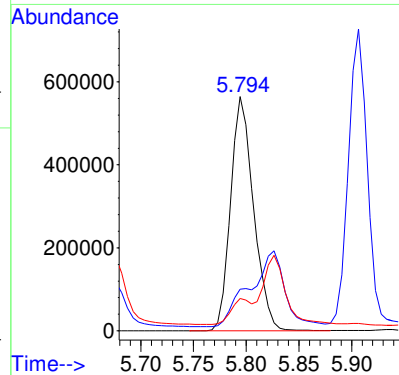
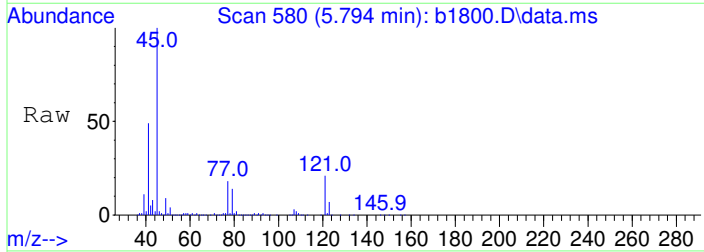
Tgt Ion:	108	Resp:	628124
Ion Ratio	Lower	Upper	
108	100		
107	107.0	74.0	111.0





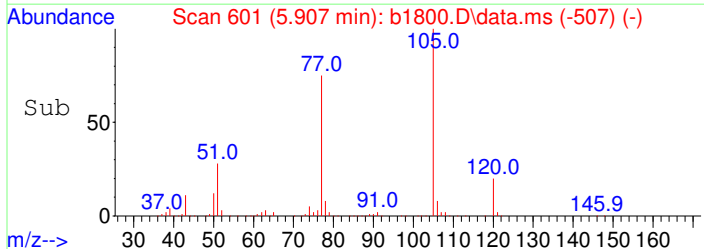
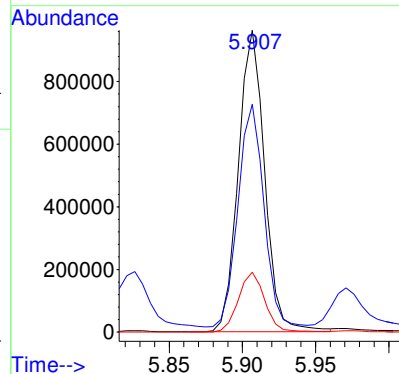
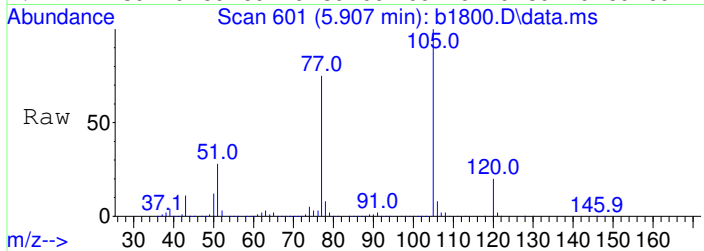
#16
bis(2-chloroisopropyl)
Concen: 150.05 ug
RT: 5.794 min Scan# 580
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

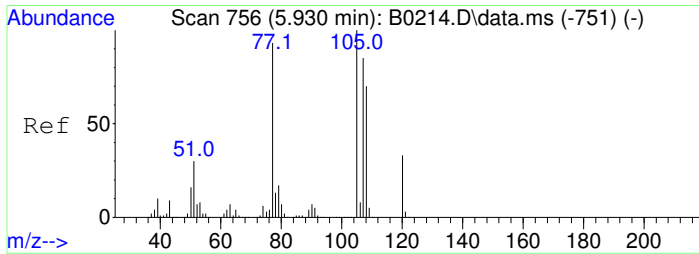
Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	11.9	17.9#
79	11.0	8.1	12.1



#17
Acetophenone
Concen: 152.08 ug
RT: 5.907 min Scan# 601
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

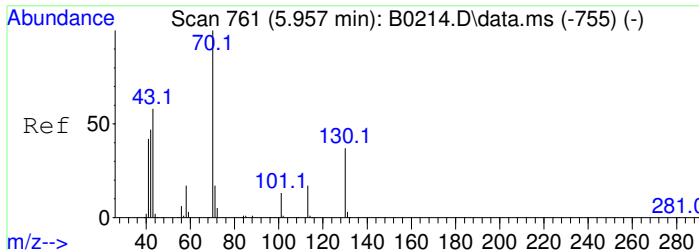
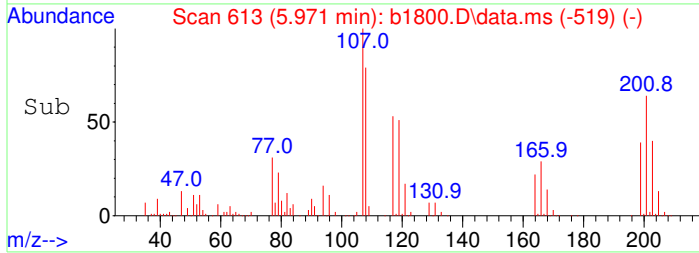
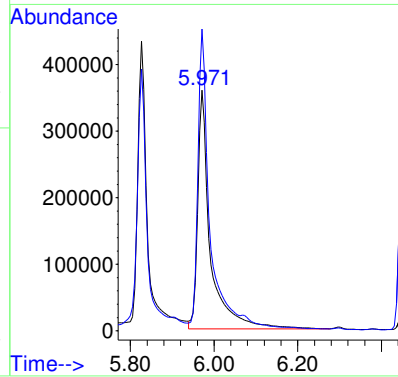
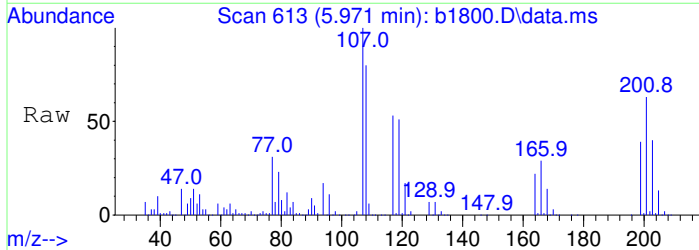
Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.4	63.0	94.4
120	19.8	16.1	24.1





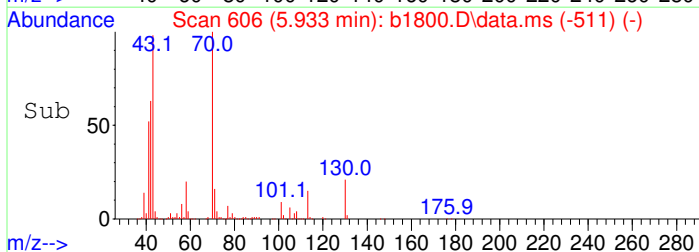
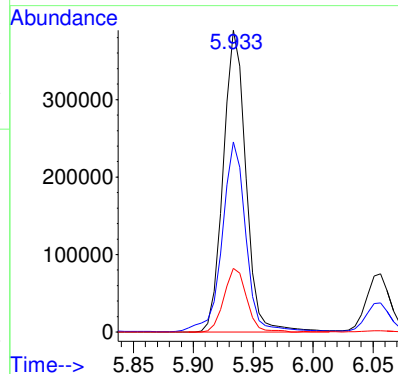
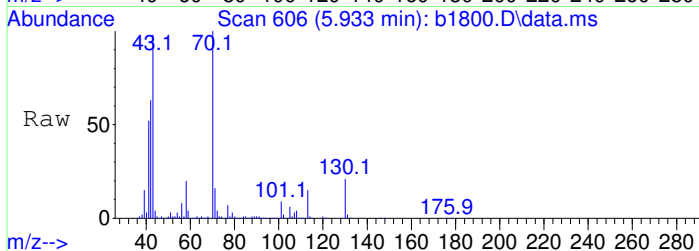
#18
4-Methylphenol
Concen: 151.99 ug
RT: 5.971 min Scan# 613
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

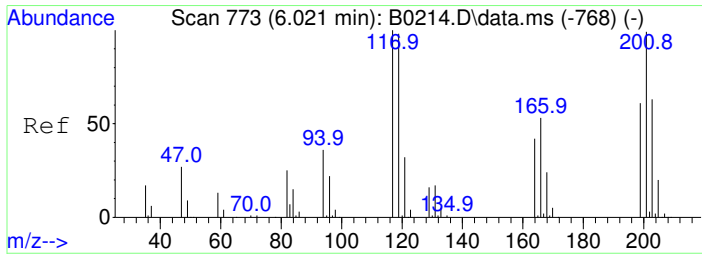
Tgt Ion:108 Resp: 751483
Ion Ratio Lower Upper
108 100
107 118.7 100.8 151.2



#19
n-Nitroso-di-n-propyla
Concen: 152.56 ug
RT: 5.933 min Scan# 606
Delta R.T. 0.011 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

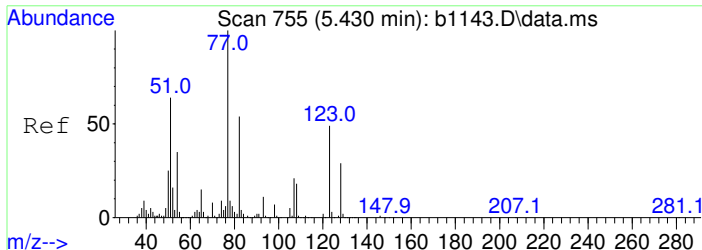
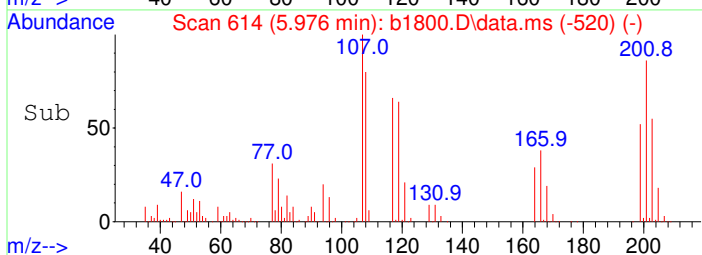
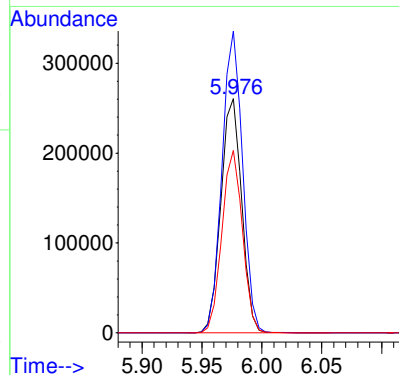
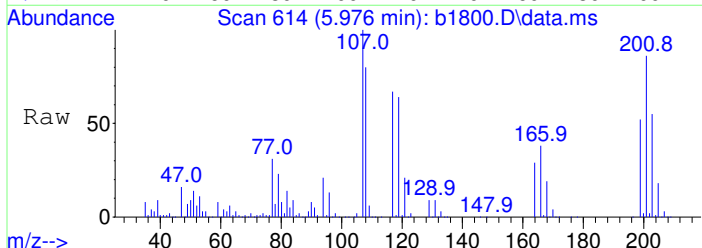
Tgt Ion: 70 Resp: 515008
Ion Ratio Lower Upper
70 100
42 65.4 55.4 83.2
130 21.0 16.2 24.4





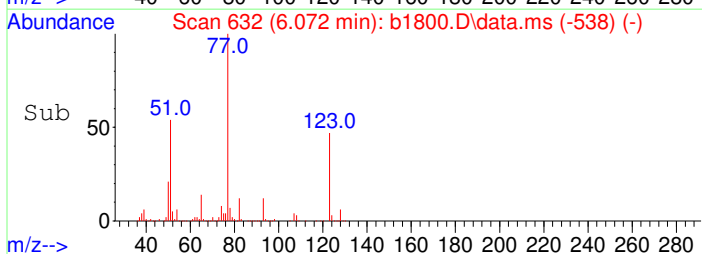
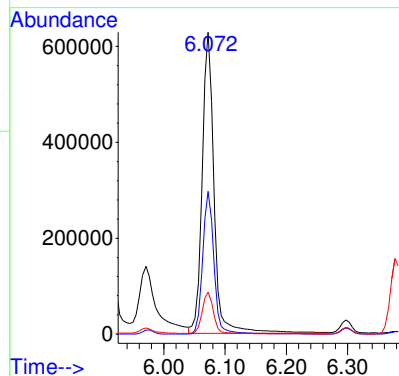
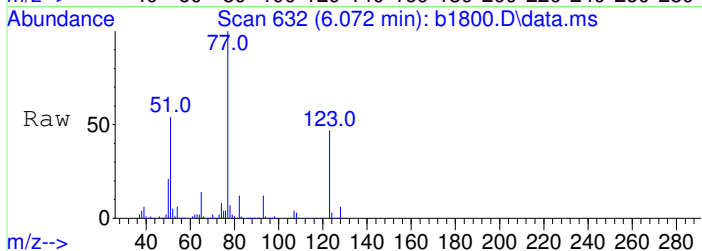
#20
Hexachloroethane
Concen: 151.49 ug
RT: 5.976 min Scan# 614
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

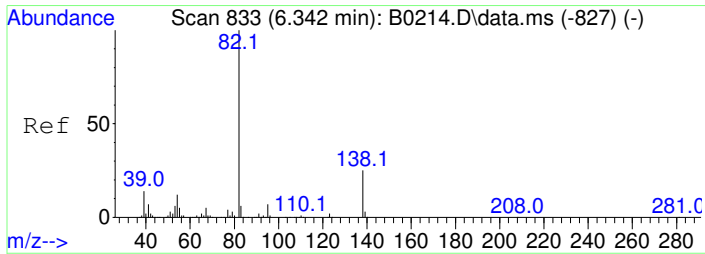
Tgt Ion:117	Resp:	315642	
Ion Ratio	Lower	Upper	
117	100		
201	126.5	100.1	150.1
199	76.6	60.1	90.1



#23
Nitrobenzene
Concen: 153.77 ug
RT: 6.072 min Scan# 632
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

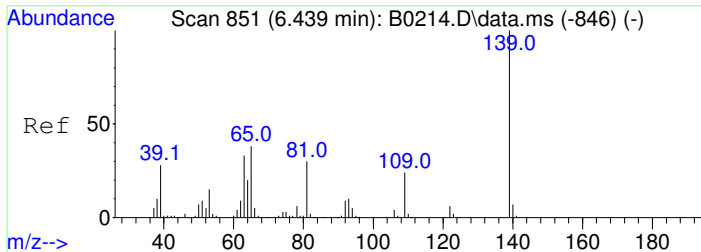
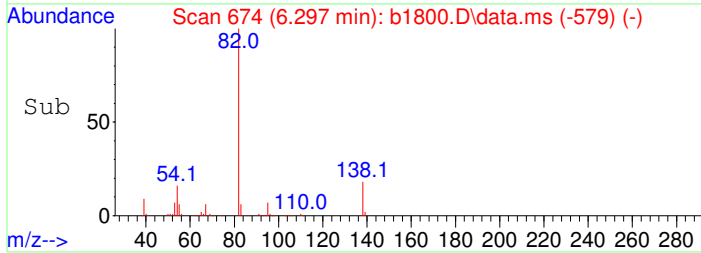
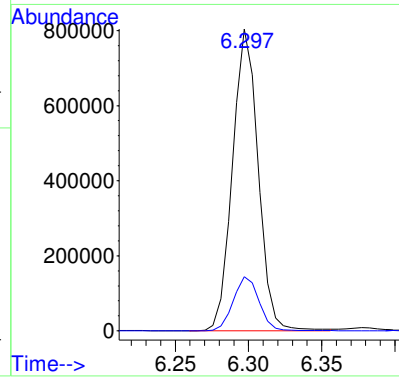
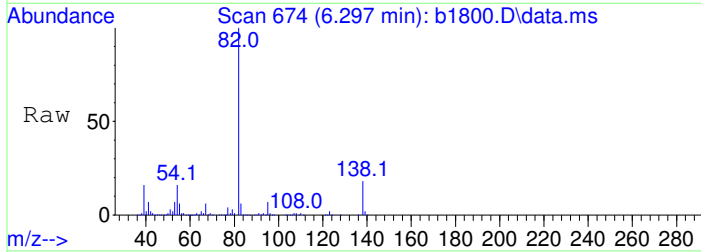
Tgt Ion: 77	Resp:	848934	
Ion Ratio	Lower	Upper	
77	100		
123	44.9	35.2	52.8
65	13.1	11.2	16.8





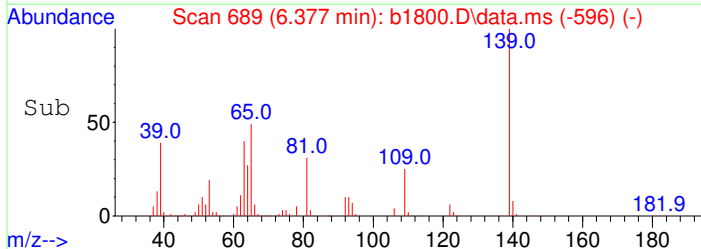
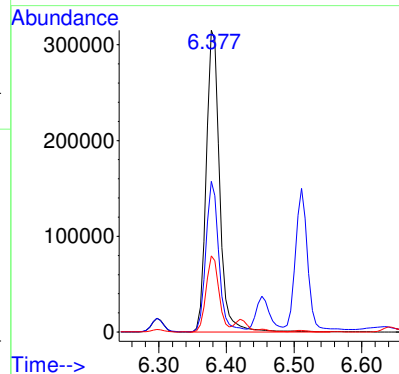
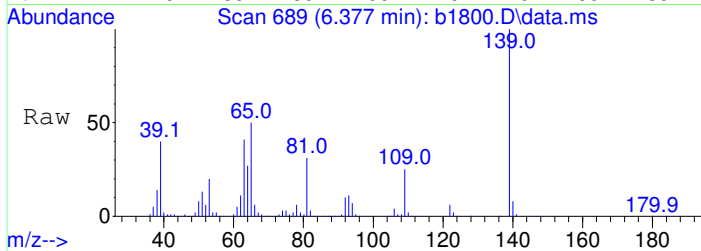
#24
Isophorone
Concen: 150.77 ug
RT: 6.297 min Scan# 674
Delta R.T. 0.011 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

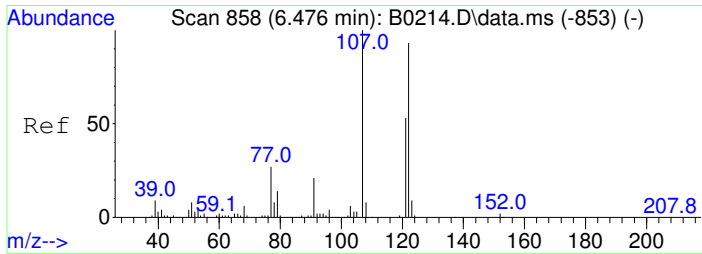
Tgt Ion: 82 Resp: 981359
Ion Ratio Lower Upper
82 100
138 18.1 14.2 21.2



#25
2-Nitrophenol
Concen: 153.92 ug
RT: 6.377 min Scan# 689
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

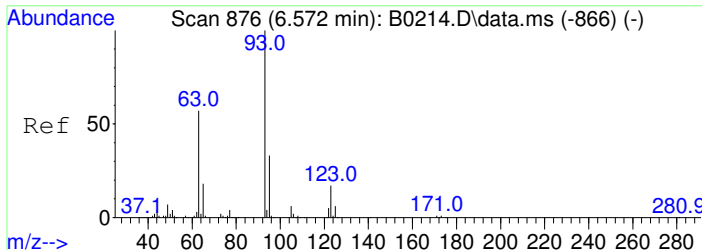
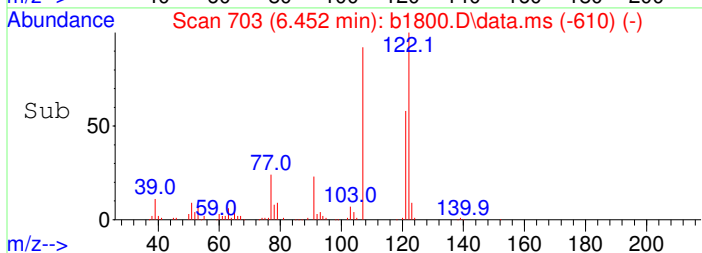
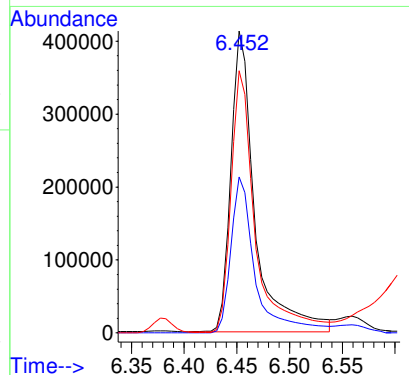
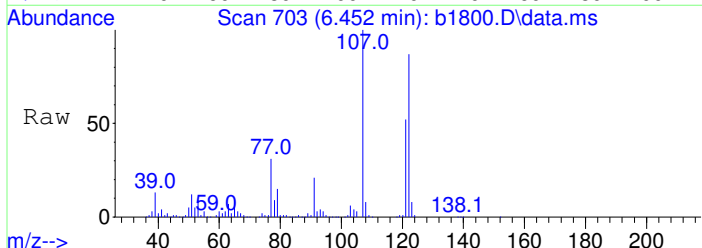
Tgt Ion: 139 Resp: 436422
Ion Ratio Lower Upper
139 100
65 48.0 39.7 59.5
109 23.9 21.1 31.7





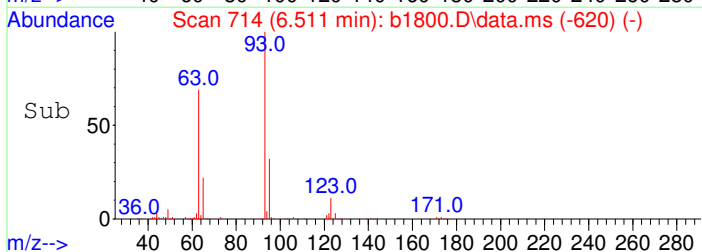
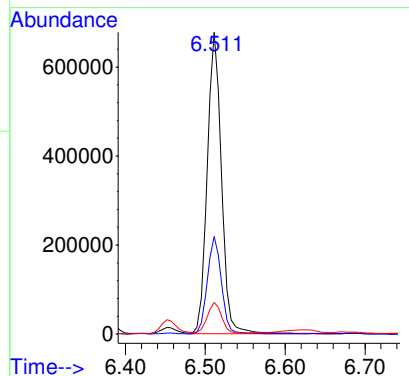
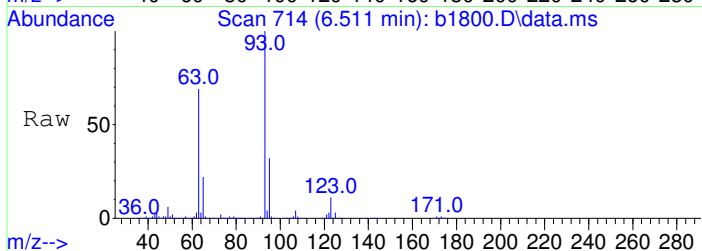
#26
2,4-Dimethylphenol
Concen: 154.24 ug
RT: 6.452 min Scan# 703
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

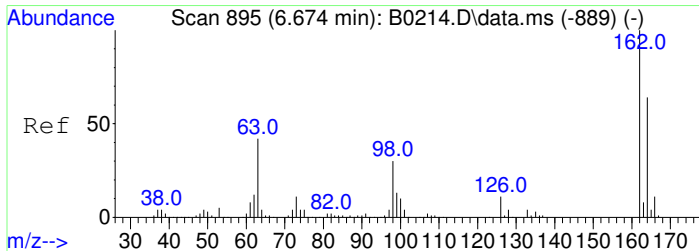
Tgt Ion:107	Resp:	661352
Ion Ratio	Lower	Upper
107	100	
121	52.0	40.3 60.5
122	87.6	69.0 103.4



#27
bis(2-Chloroethoxy)met
Concen: 150.70 ug
RT: 6.511 min Scan# 714
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

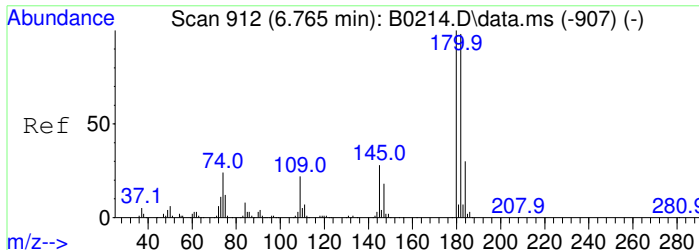
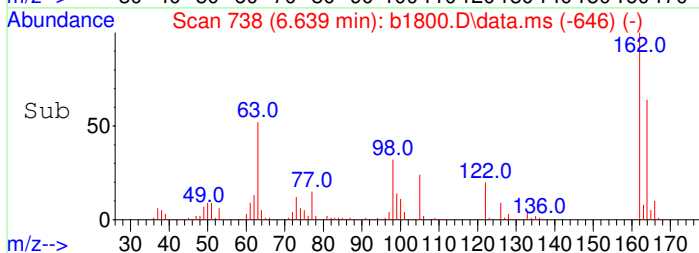
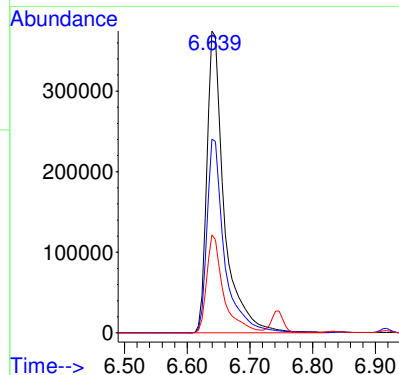
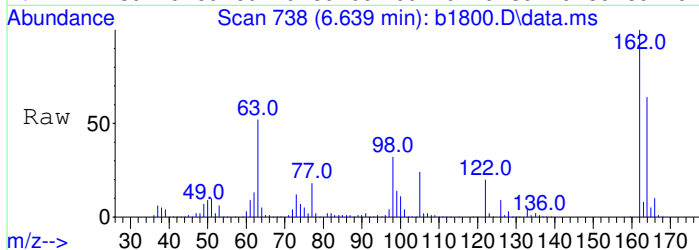
Tgt Ion: 93	Resp:	837360
Ion Ratio	Lower	Upper
93	100	
95	32.1	26.0 39.0
123	10.2	9.4 14.2





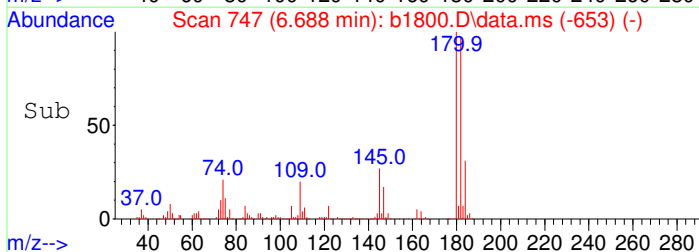
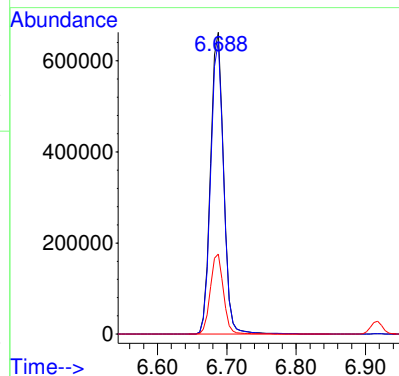
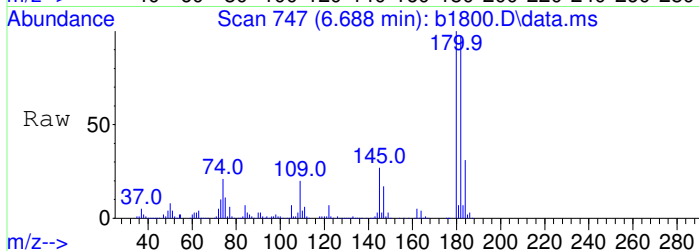
#28
2,4-Dichlorophenol
Concen: 152.32 ug
RT: 6.639 min Scan# 738
Delta R.T. -0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

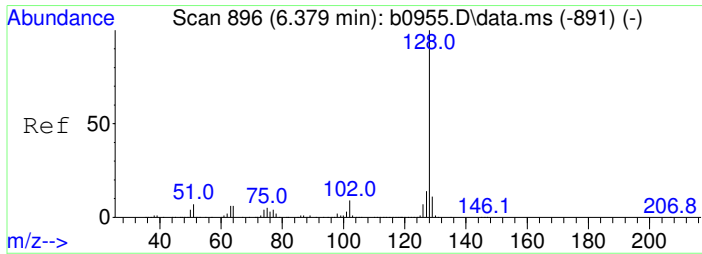
Tgt	Ion	162	Resp:	722169
	Ion	Ratio	Lower	Upper
162	100			
164	64.5	51.4	77.2	
98	31.4	25.7	38.5	



#29
1,2,4-Trichlorobenzene
Concen: 149.81 ug
RT: 6.688 min Scan# 747
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

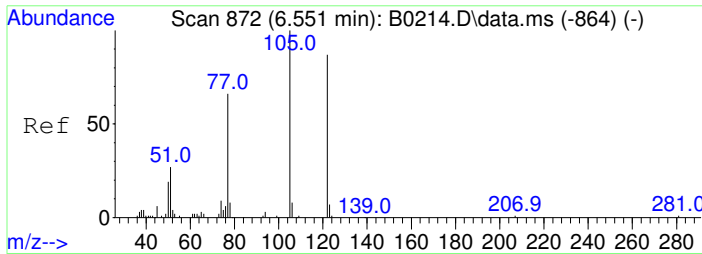
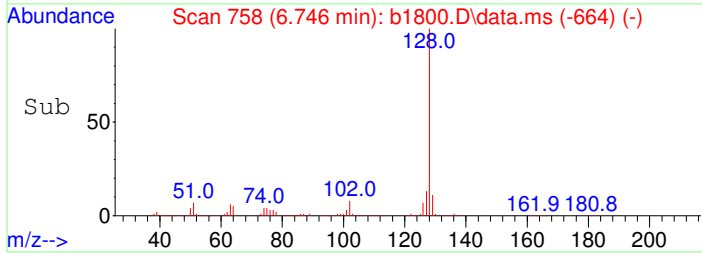
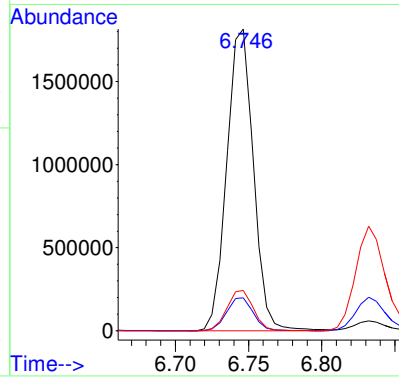
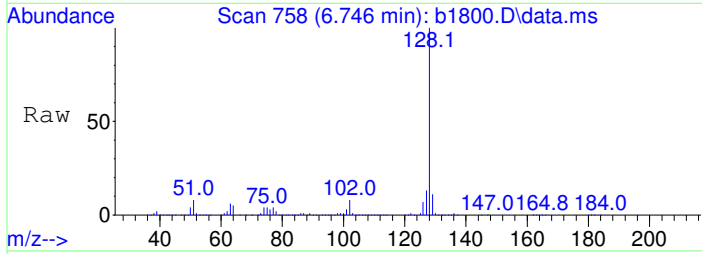
Tgt	Ion	180	Resp:	866573
	Ion	Ratio	Lower	Upper
180	100			
182	96.4	77.3	115.9	
145	26.6	21.0	31.6	





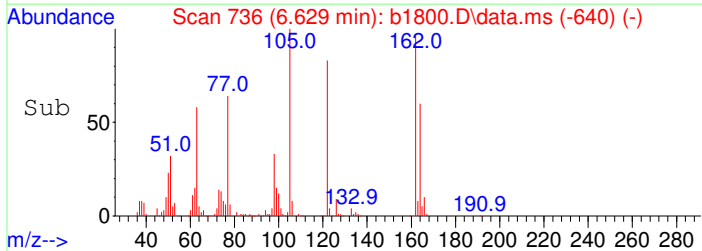
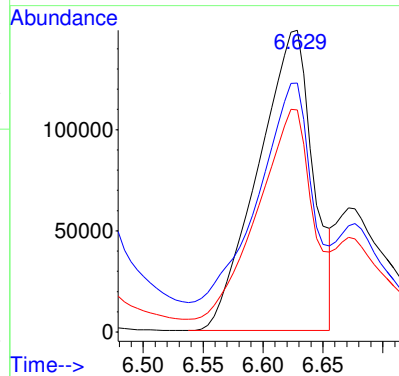
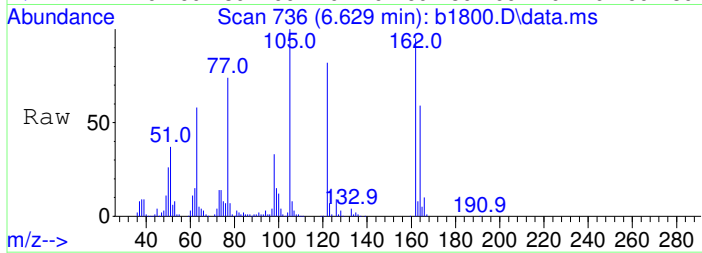
#30
Naphthalene
Concen: 150.89 ug
RT: 6.746 min Scan# 758
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

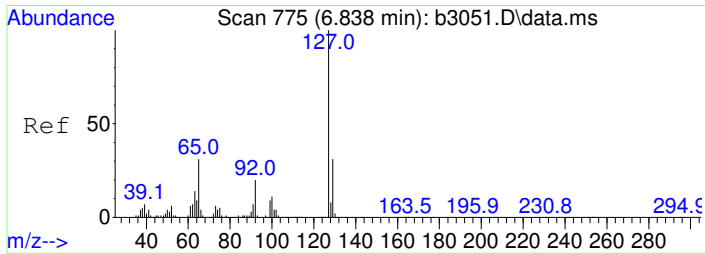
Tgt Ion:	128	Resp:	2302345
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.4	10.8	16.2



#31
Benzoic Acid
Concen: 159.77 ug
RT: 6.629 min Scan# 736
Delta R.T. 0.016 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

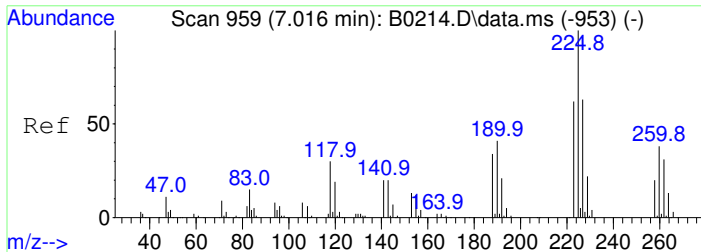
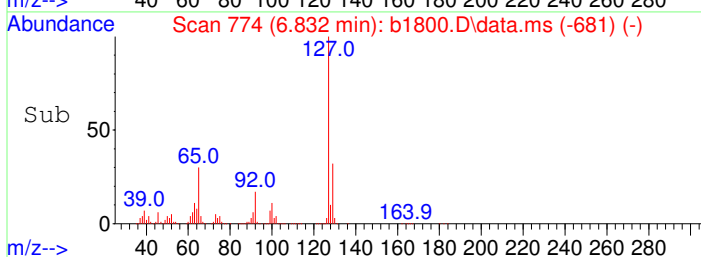
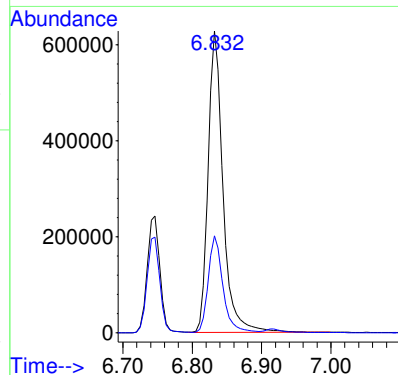
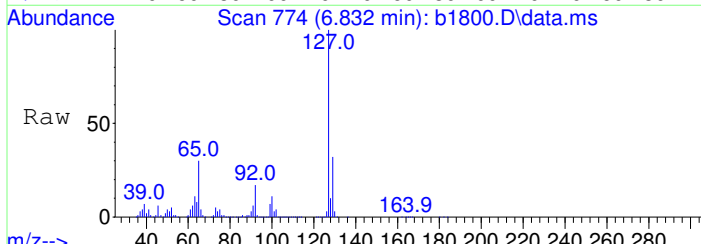
Tgt Ion:	105	Resp:	475468
Ion Ratio	Lower	Upper	
105	100		
122	68.1	65.7	98.5
77	68.6	59.5	89.3





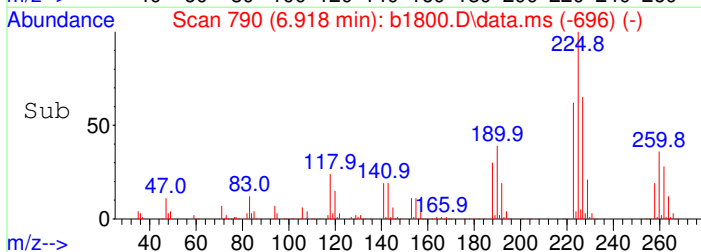
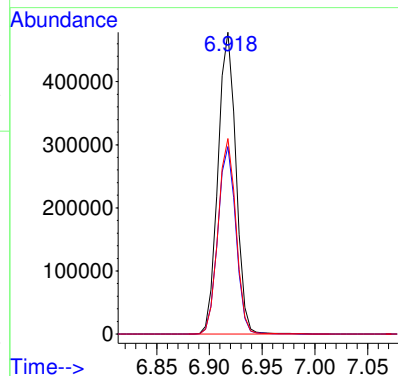
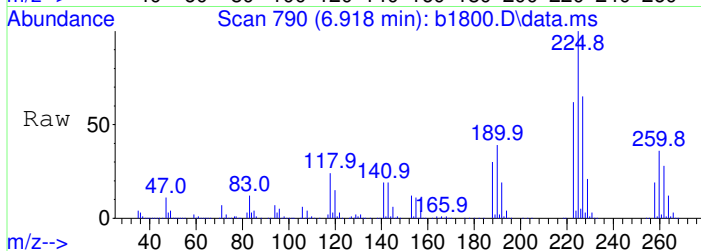
#32
4-Chloroaniline
Concen: 150.10 ug
RT: 6.832 min Scan# 774
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

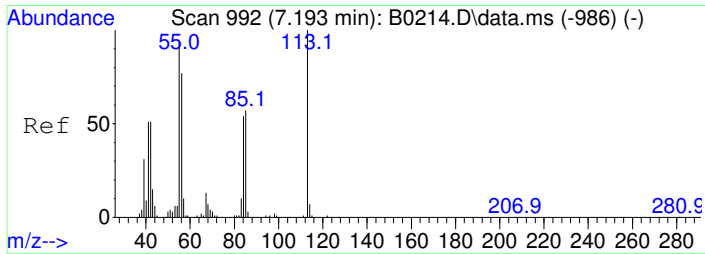
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8



#33
Hexachlorobutadiene
Concen: 152.98 ug
RT: 6.918 min Scan# 790
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

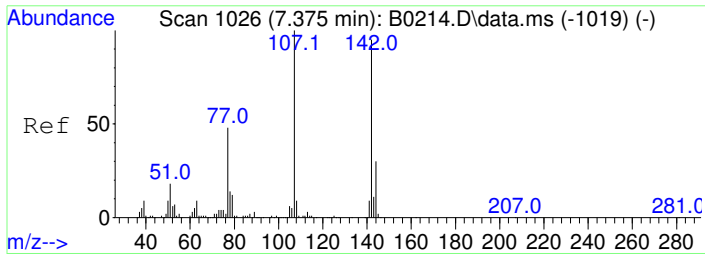
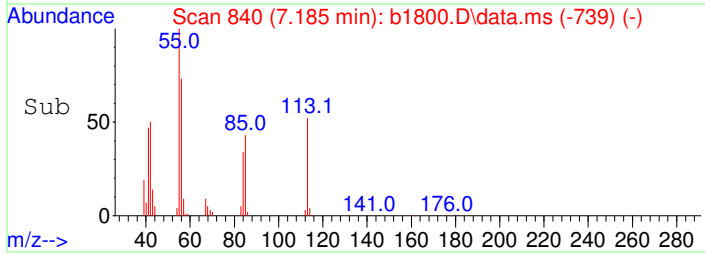
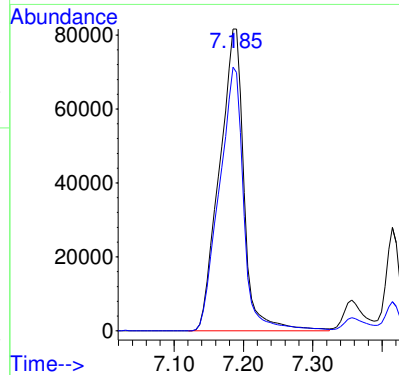
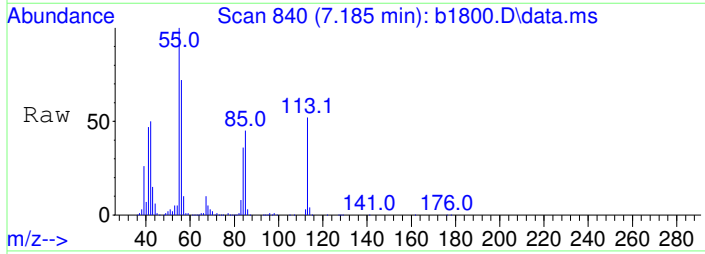
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.3	51.0	76.4





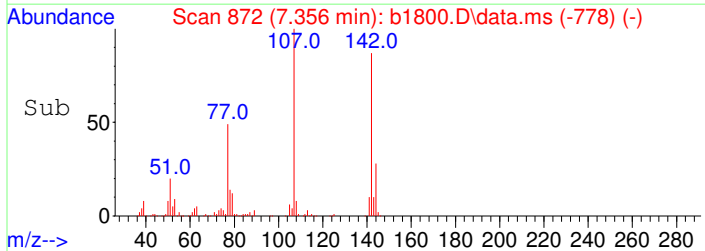
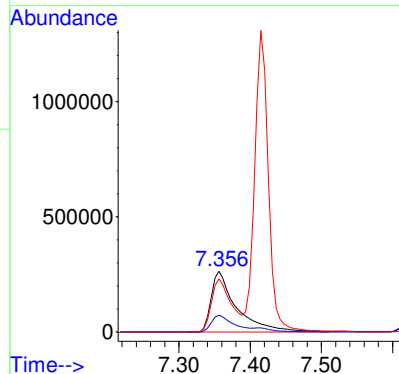
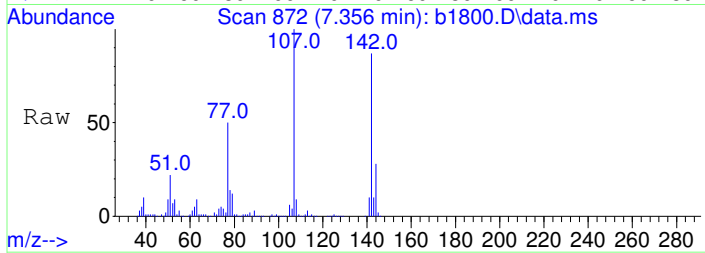
#34
Capralactam
Concen: 154.90 ug
RT: 7.185 min Scan# 840
Delta R.T. 0.043 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

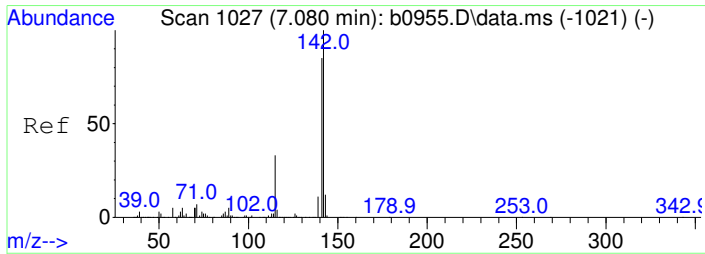
Tgt Ion	Ratio	Lower	Upper
113	100		
85	86.9	67.8	101.6



#35
4-Chloro-3-methylphenol
Concen: 152.65 ug
RT: 7.356 min Scan# 872
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

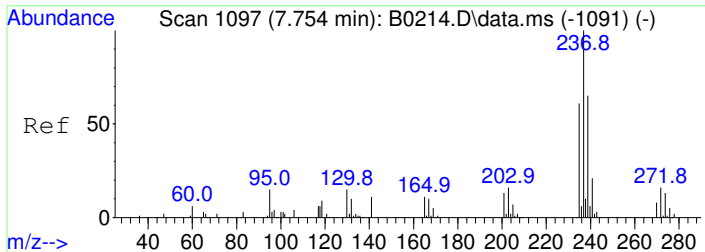
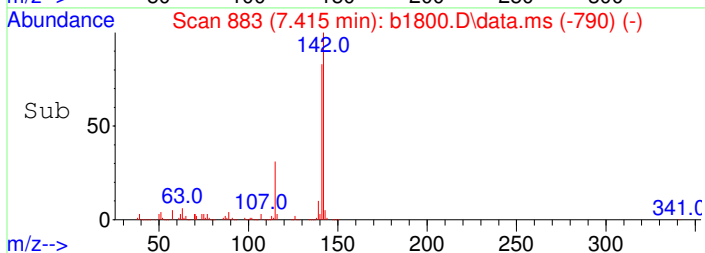
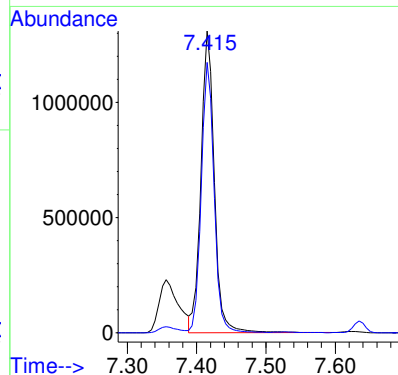
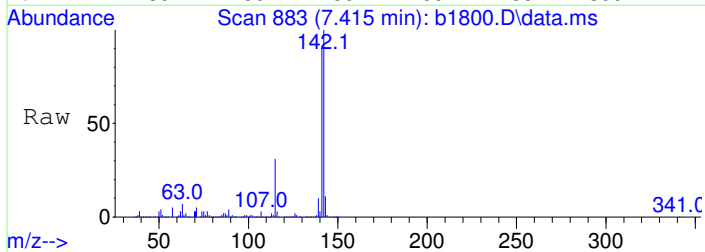
Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.1	25.2	37.8
142	67.7	553.0	829.6#





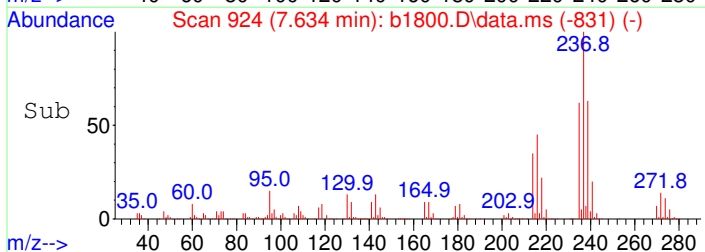
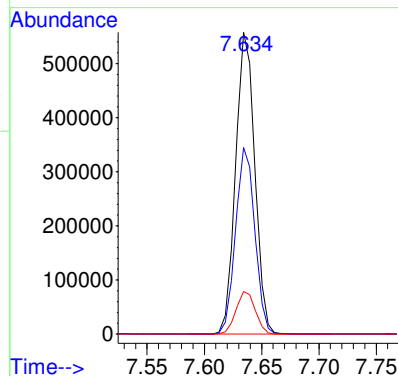
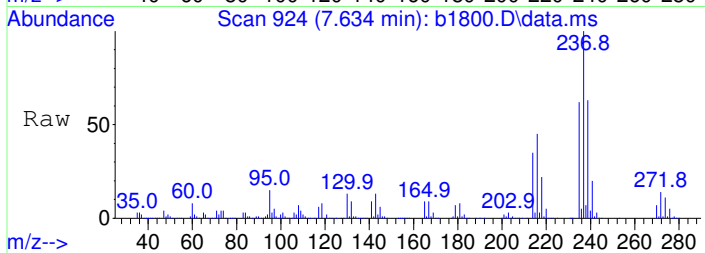
#36
 2-Methylnaphthalene
 Concen: 147.88 ug
 RT: 7.415 min Scan# 883
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

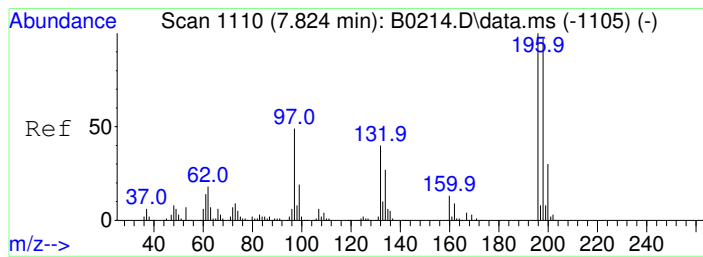
Tgt Ion:142 Resp: 1763801
 Ion Ratio Lower Upper
 142 100
 141 85.4 65.0 97.4



#38
 Hexachlorocyclopentadiene
 Concen: 154.13 ug
 RT: 7.634 min Scan# 924
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

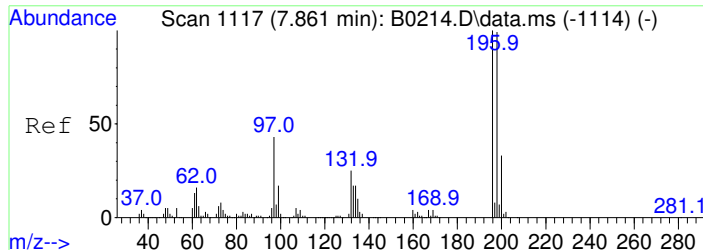
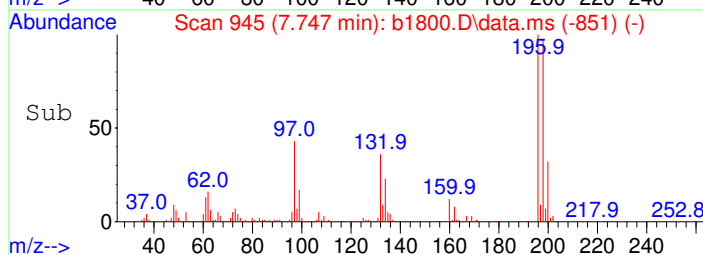
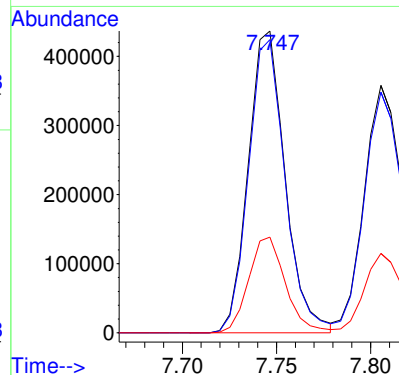
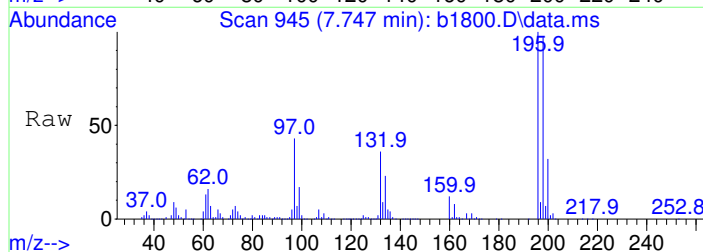
Tgt Ion:237 Resp: 651689
 Ion Ratio Lower Upper
 237 100
 235 61.9 50.7 76.1
 272 14.3 10.9 16.3





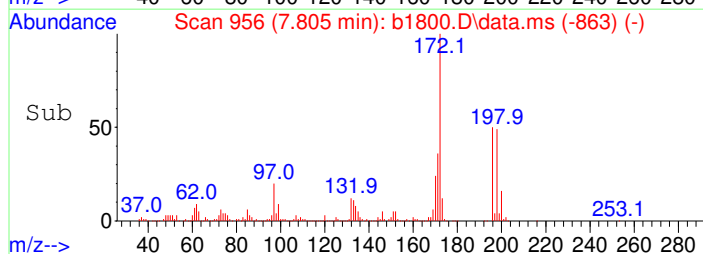
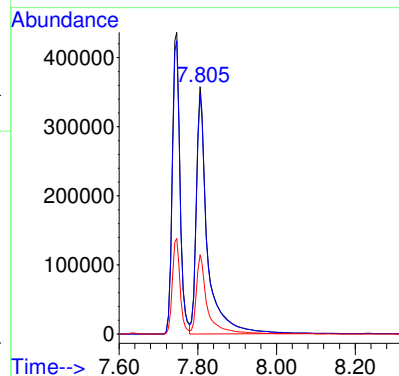
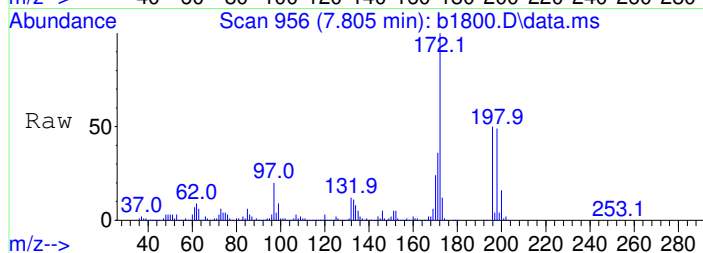
#39
2,4,6-Trichlorophenol
Concen: 154.49 ug
RT: 7.747 min Scan# 945
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

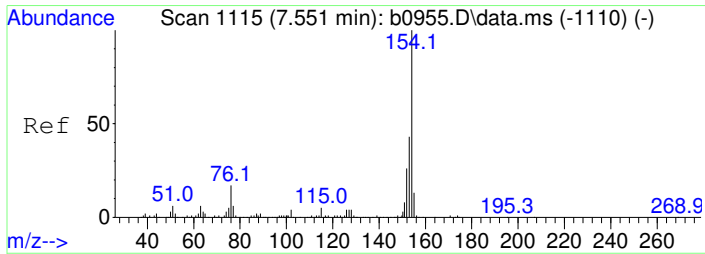
Tgt Ion	196	Resp	596996
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.6	113.4
200	31.7	25.0	37.6



#40
2,4,5-Trichlorophenol
Concen: 156.43 ug
RT: 7.805 min Scan# 956
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

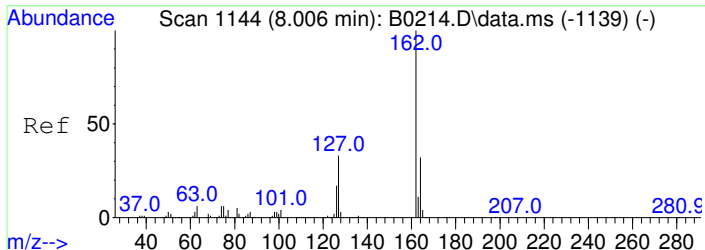
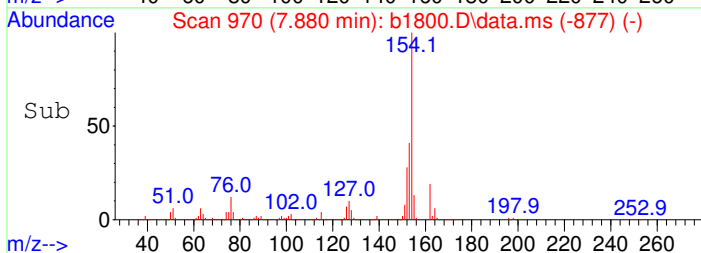
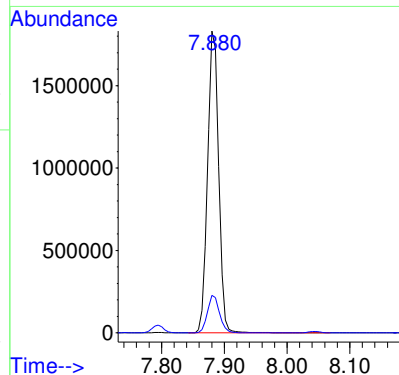
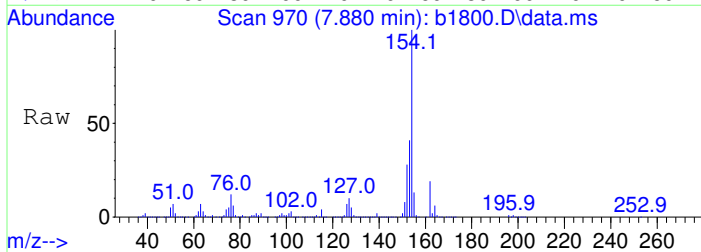
Tgt Ion	196	Resp	704331
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.8	113.8
200	31.2	25.0	37.4





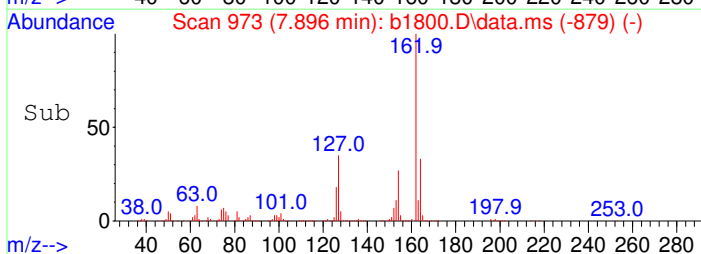
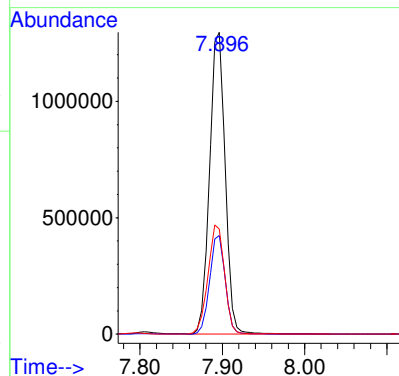
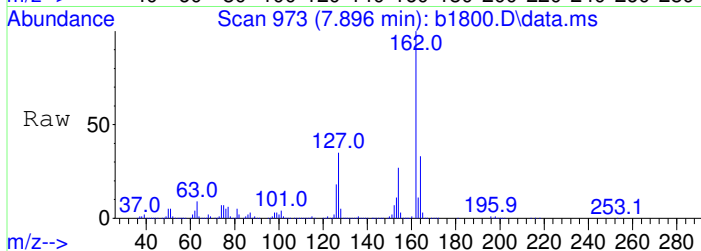
#41
Biphenyl
Concen: 148.66 ug
RT: 7.880 min Scan# 970
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

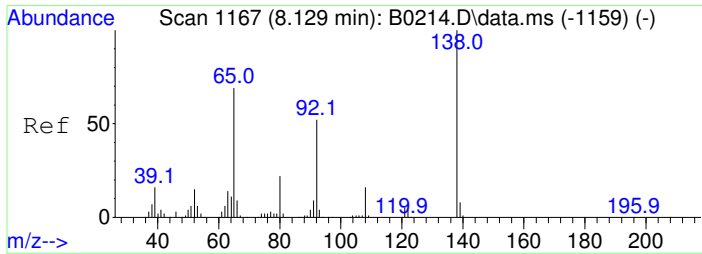
Tgt Ion:154 Resp: 2245487
Ion Ratio Lower Upper
154 100
76 13.5 7.5 11.3#



#43
2-Chloronaphthalene
Concen: 148.35 ug
RT: 7.896 min Scan# 973
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

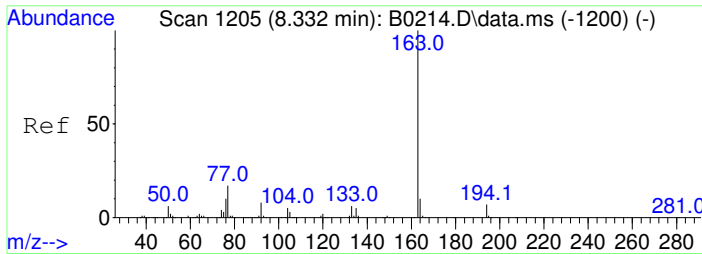
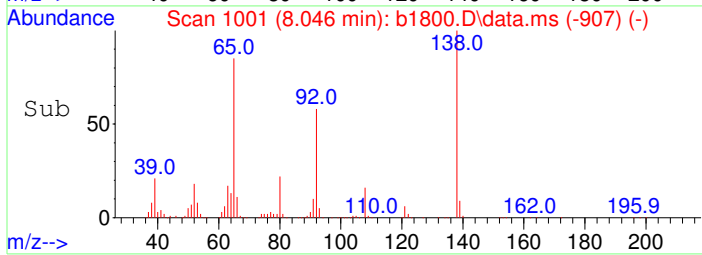
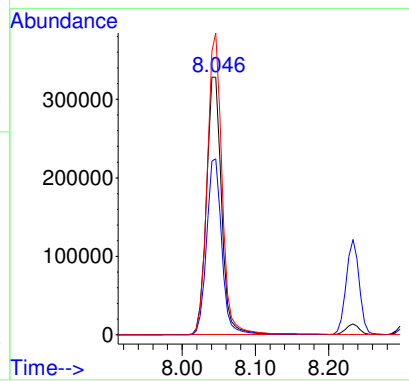
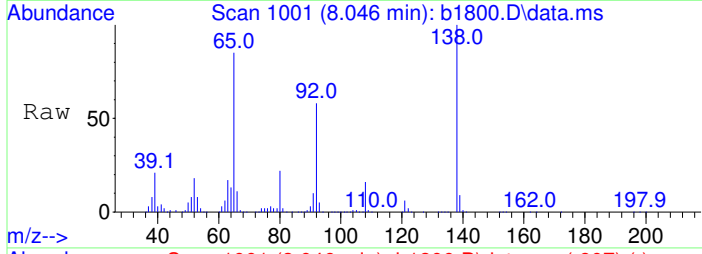
Tgt Ion:162 Resp: 1701370
Ion Ratio Lower Upper
162 100
164 32.5 26.9 40.3
127 38.5 29.1 43.7





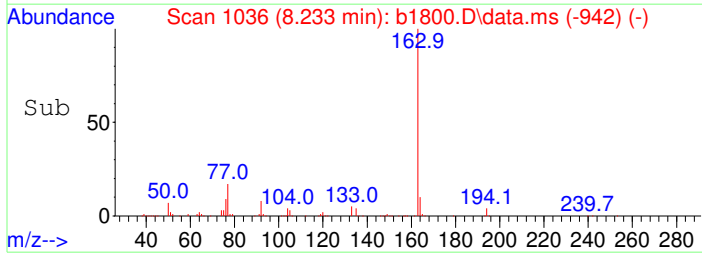
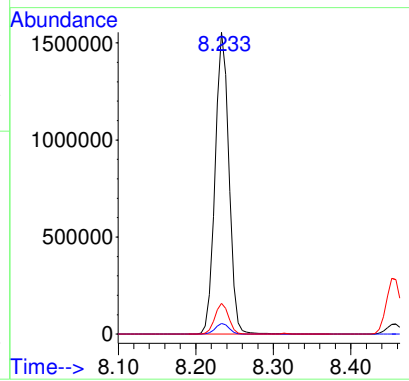
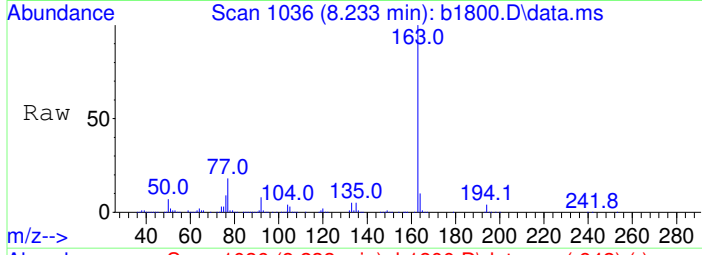
#44
 2-Nitroaniline
 Concen: 153.62 ug
 RT: 8.046 min Scan# 1001
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

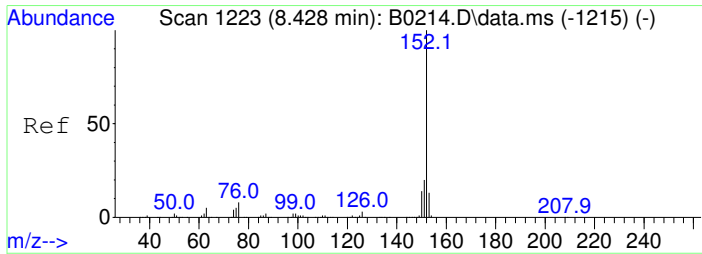
Tgt Ion:	65	Resp:	471007
Ion Ratio	Lower	Upper	
65	100		
92	69.1	59.8	89.8
138	115.2	122.2	183.4#



#45
 Dimethylphthalate
 Concen: 149.48 ug
 RT: 8.233 min Scan# 1036
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

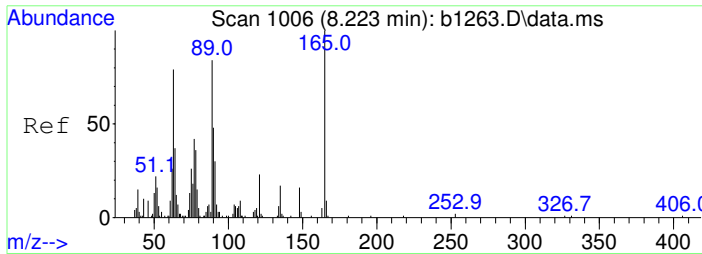
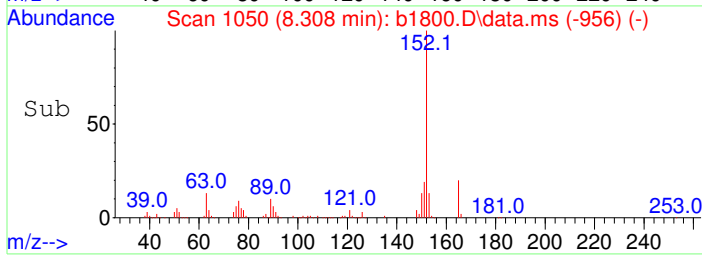
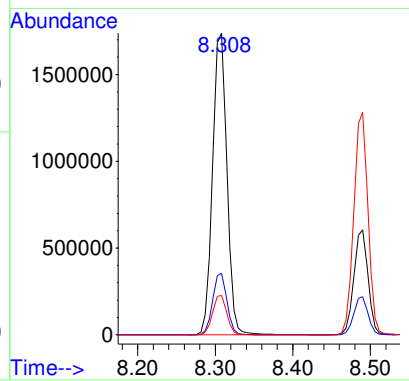
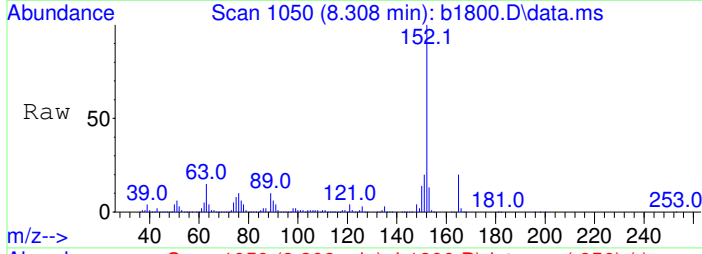
Tgt Ion:	163	Resp:	1942257
Ion Ratio	Lower	Upper	
163	100		
194	3.5	5.7	8.5#
164	10.2	8.2	12.2





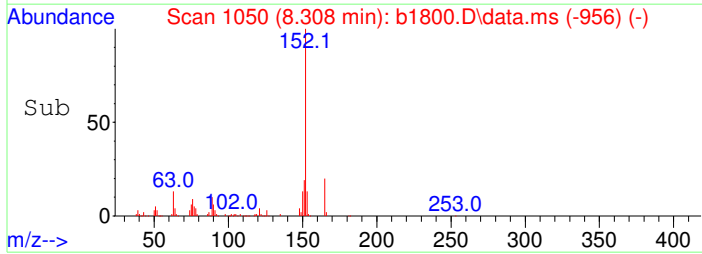
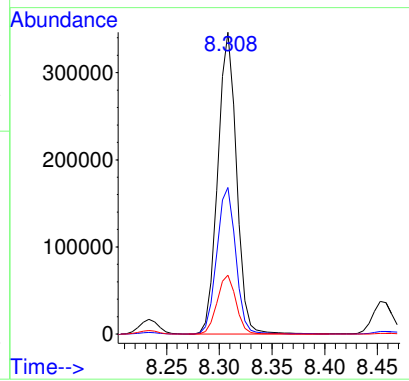
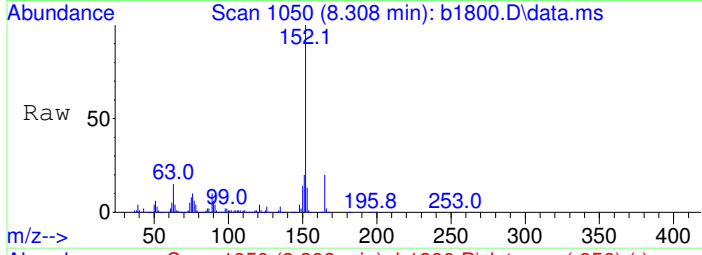
#46
 Acenaphthylene
 Concen: 148.49 ug
 RT: 8.308 min Scan# 1050
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

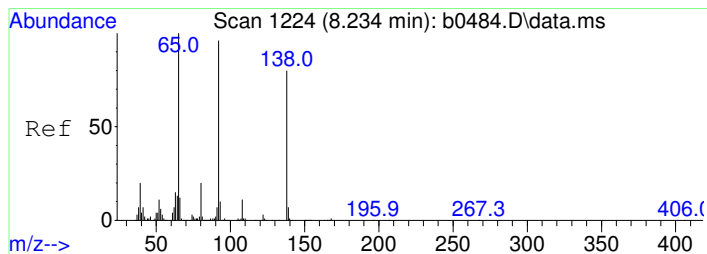
Tgt Ion:	152	Resp:	2254655
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.6
153	13.1	10.7	16.1



#47
 2,6-Dinitrotoluene
 Concen: 152.36 ug
 RT: 8.308 min Scan# 1050
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

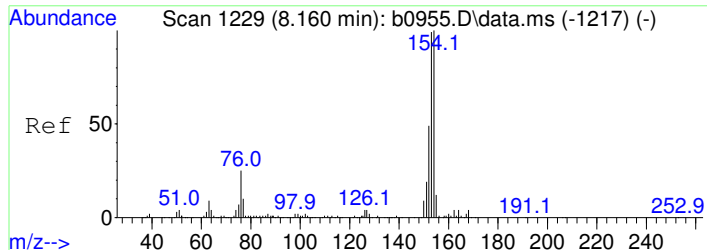
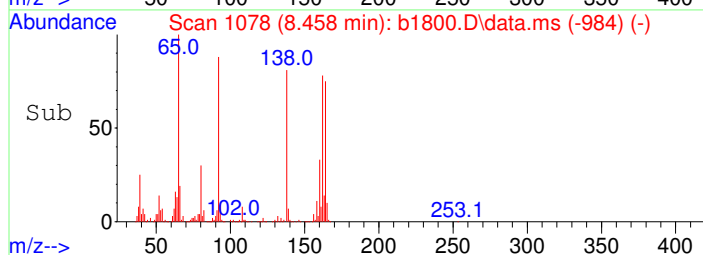
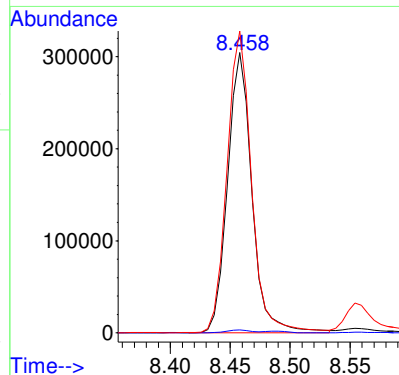
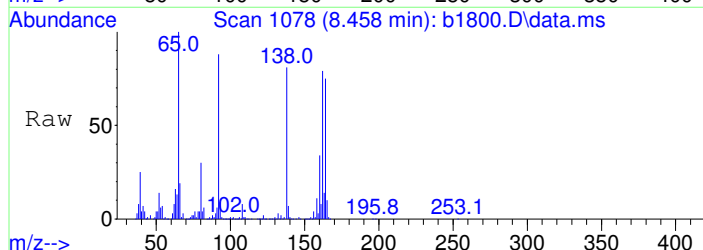
Tgt Ion:	165	Resp:	429583
Ion Ratio	Lower	Upper	
165	100		
89	49.3	38.0	57.0
121	19.8	15.6	23.4





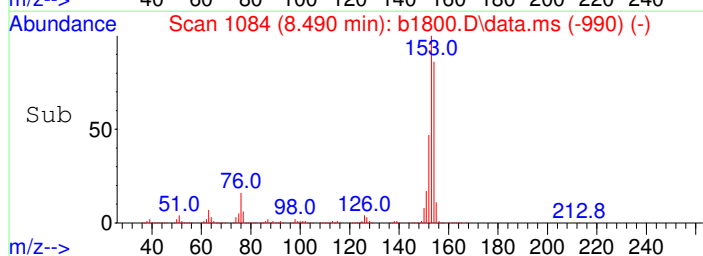
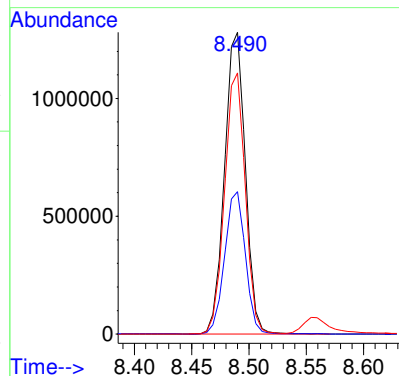
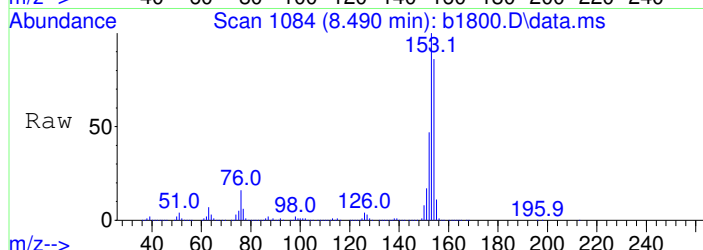
#48
 3-Nitroaniline
 Concen: 150.89 ug
 RT: 8.458 min Scan# 1078
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

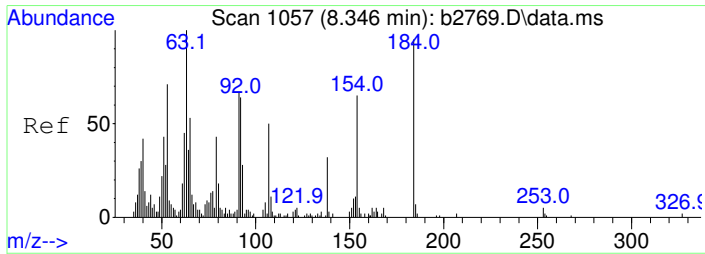
Tgt Ion:138	Resp:	431123
Ion Ratio	Lower	Upper
138	100	
109	0.0	1.2 1.8#
92	107.9	44.2 66.2#



#49
 Acenaphthene
 Concen: 147.08 ug
 RT: 8.490 min Scan# 1084
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

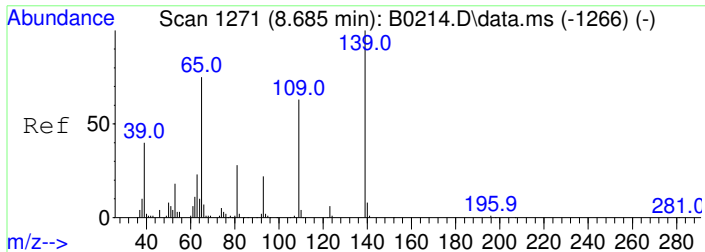
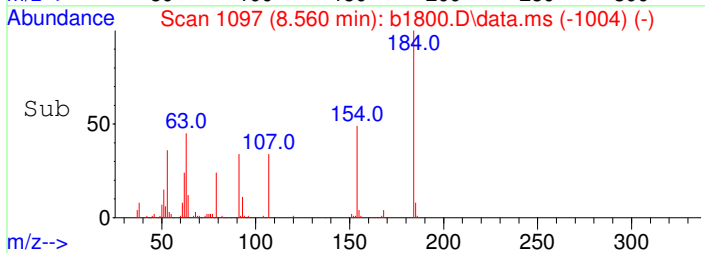
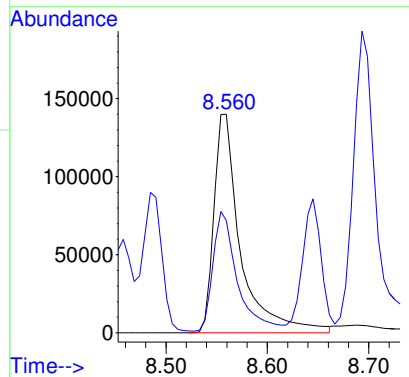
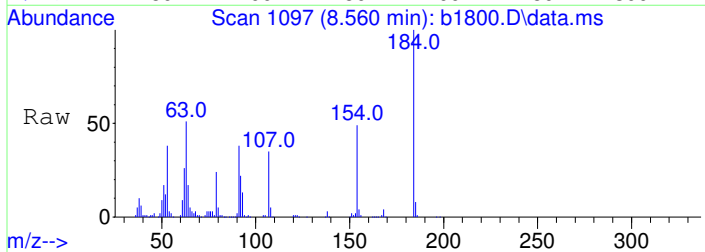
Tgt Ion:153	Resp:	1626786
Ion Ratio	Lower	Upper
153	100	
152	47.1	37.8 56.8
154	86.1	74.1 111.1





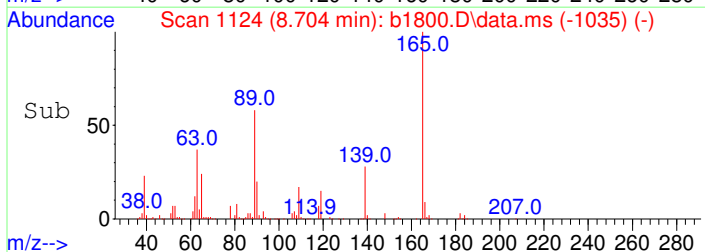
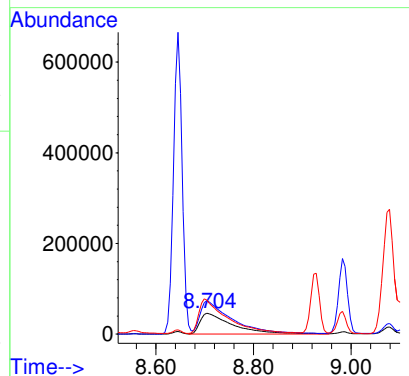
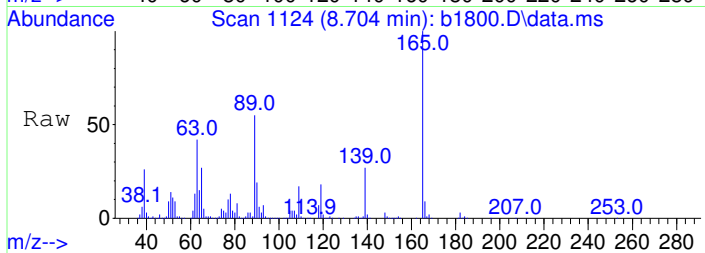
#50
2,4-Dinitrophenol
Concen: 156.01 ug
RT: 8.560 min Scan# 1097
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

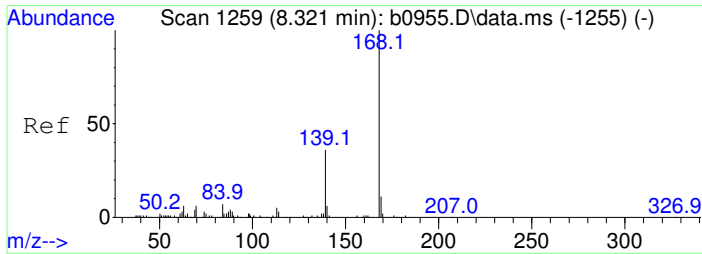
Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.5	46.2	69.4



#51
4-Nitrophenol
Concen: 160.88 ug
RT: 8.704 min Scan# 1124
Delta R.T. -0.021 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

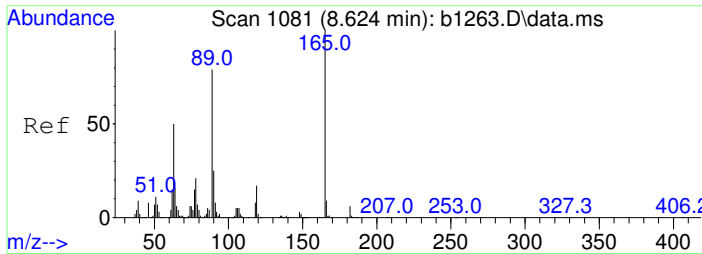
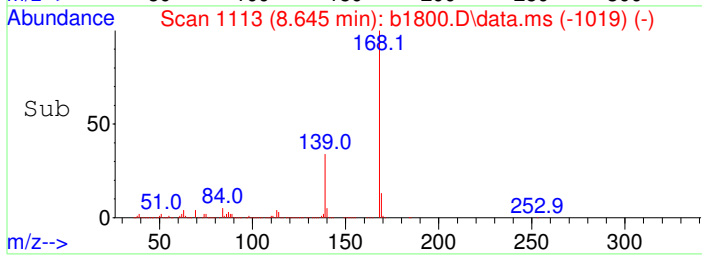
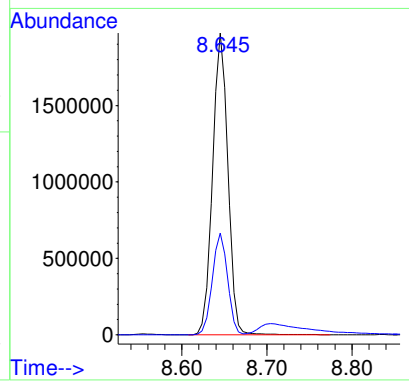
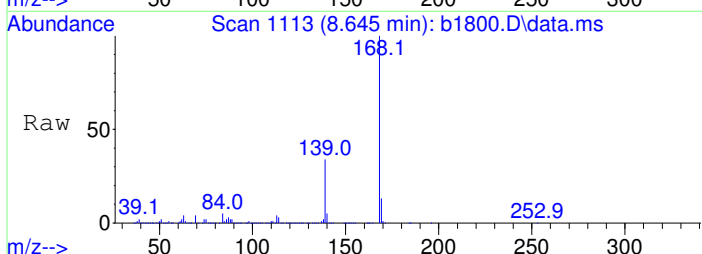
Tgt Ion	Ratio	Lower	Upper
109	100		
139	157.5	122.6	183.8
65	145.6	122.6	184.0





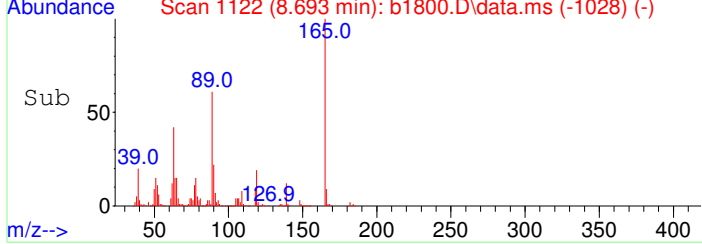
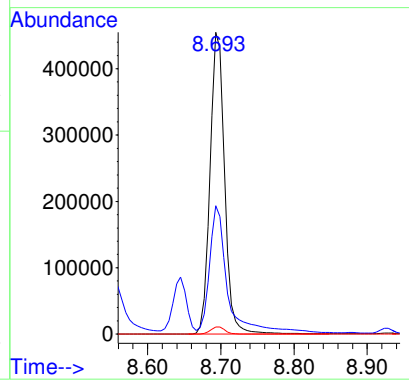
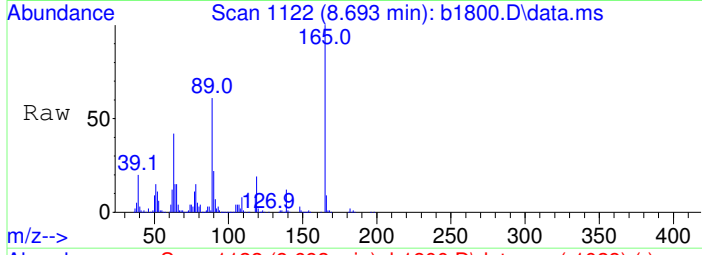
#52
 Dibenzofuran
 Concen: 149.19 ug
 RT: 8.645 min Scan# 1113
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

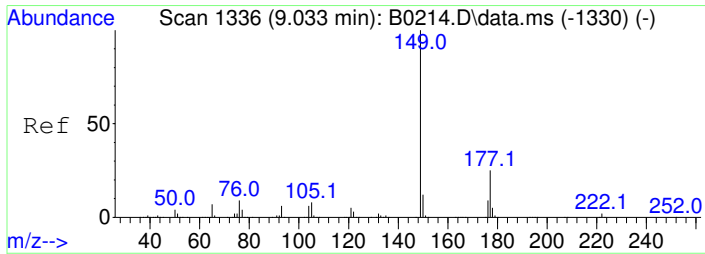
Tgt Ion:168	Resp: 2473938
Ion Ratio	Lower Upper
168	100
139	33.5 30.5 45.7



#53
 2,4-Dinitrotoluene
 Concen: 156.87 ug
 RT: 8.693 min Scan# 1122
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

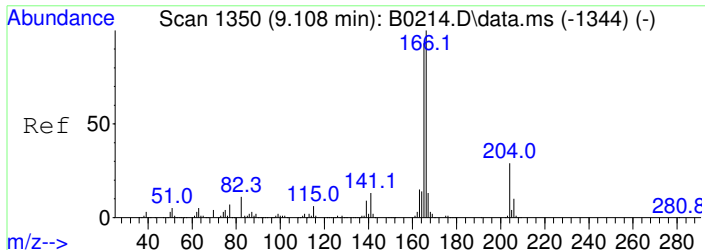
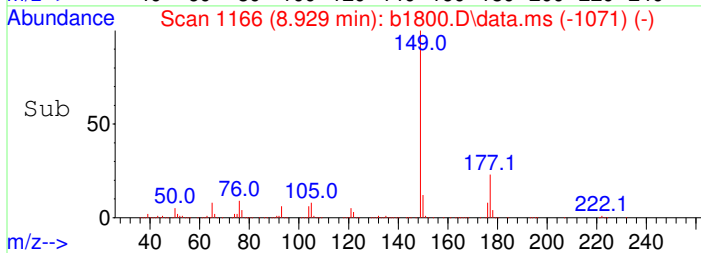
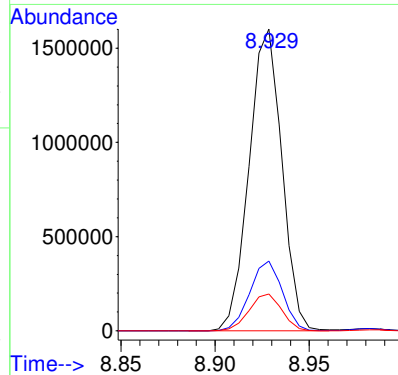
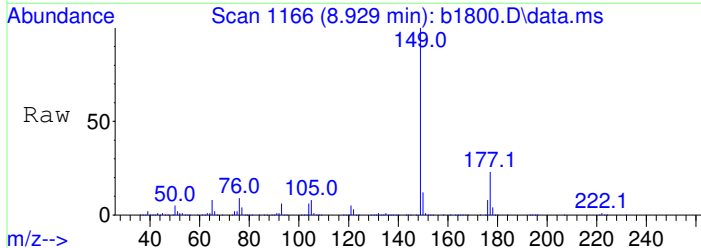
Tgt Ion:165	Resp: 628540
Ion Ratio	Lower Upper
165	100
63	51.7 29.4 44.0#
182	0.0 4.5 6.7#





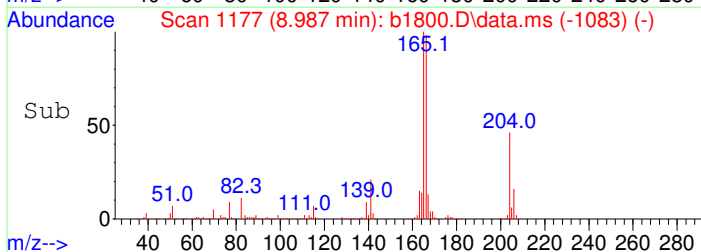
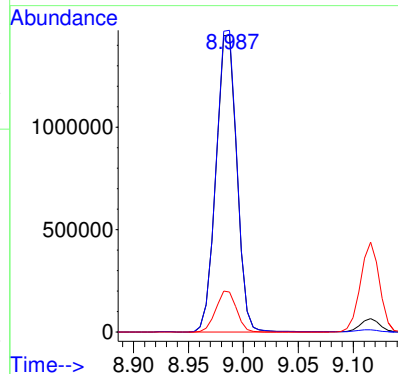
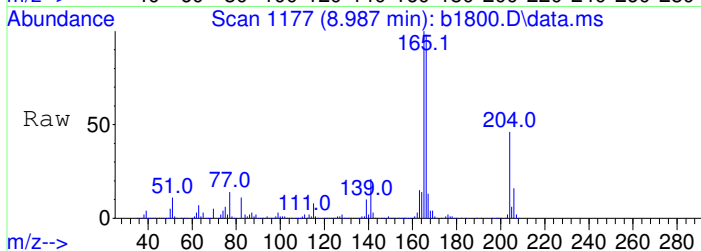
#54
Diethylphthalate
Concen: 150.19 ug
RT: 8.929 min Scan# 1166
Delta R.T. 0.011 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

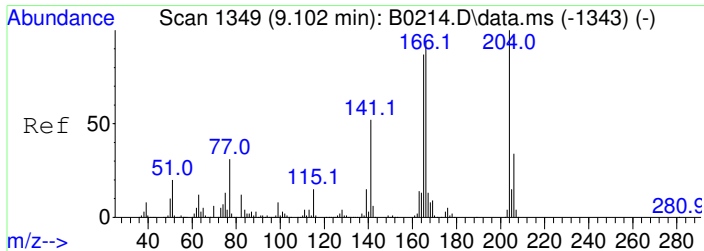
Tgt Ion	149	177	150
Resp	1945342		
Ratio	100	22.9	12.2
Lower		19.8	10.0
Upper		29.8	15.0



#55
Fluorene
Concen: 148.53 ug
RT: 8.987 min Scan# 1177
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

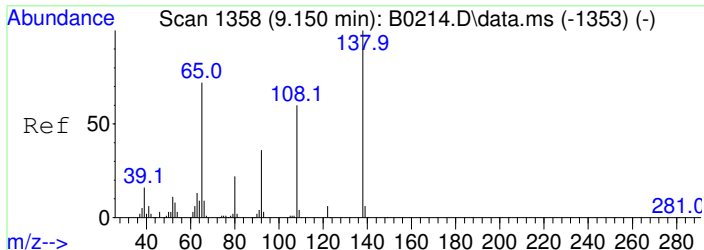
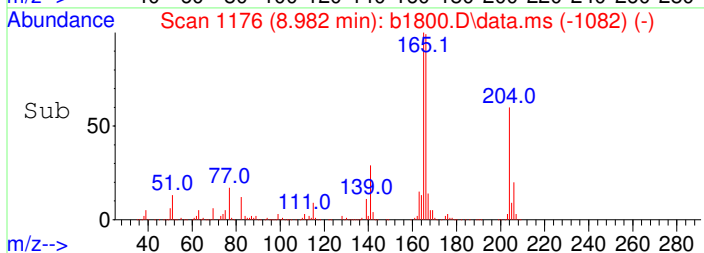
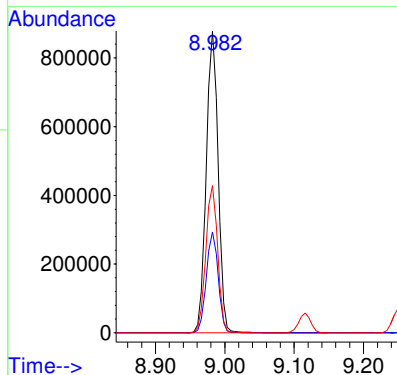
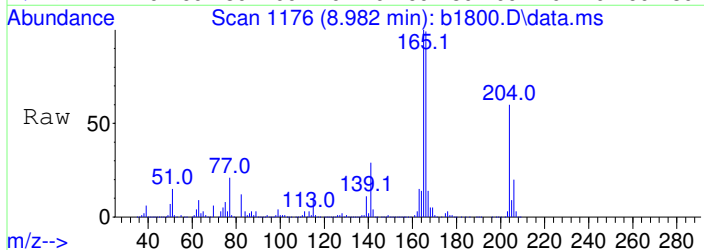
Tgt Ion	166	165	167
Resp	1921696		
Ratio	100	101.2	13.7
Lower		75.2	11.4
Upper		112.8	17.0





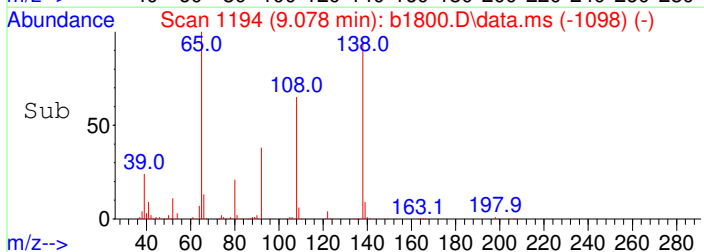
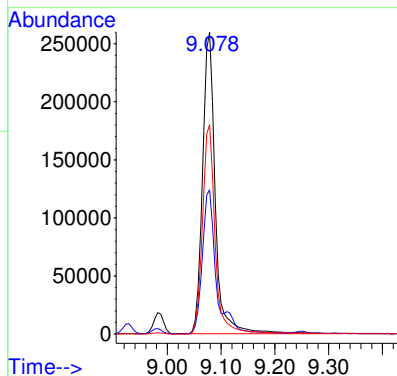
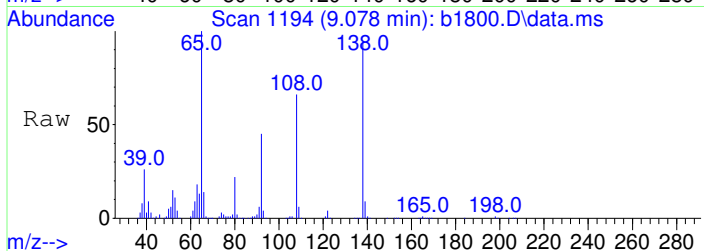
#56
4-Chlorophenyl-phenyle
Concen: 148.22 ug
RT: 8.982 min Scan# 1176
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

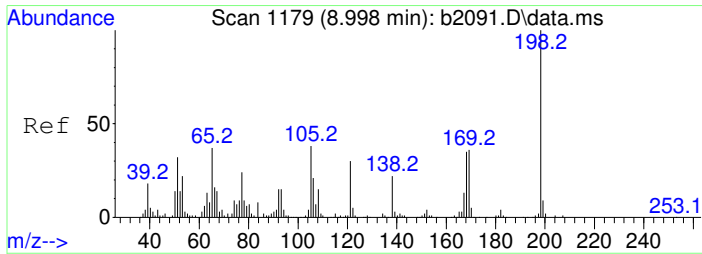
Tgt Ion:	204	Resp:	1041769
Ion Ratio	Lower	Upper	
204	100		
206	33.5	27.0	40.4
141	49.0	40.8	61.2



#57
4-Nitroaniline
Concen: 151.40 ug
RT: 9.078 min Scan# 1194
Delta R.T. 0.016 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

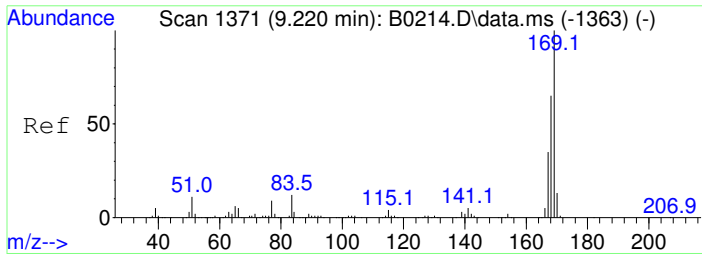
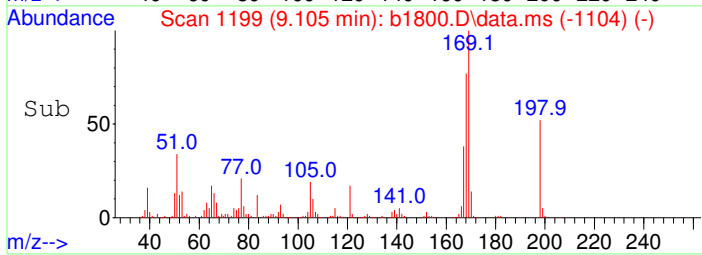
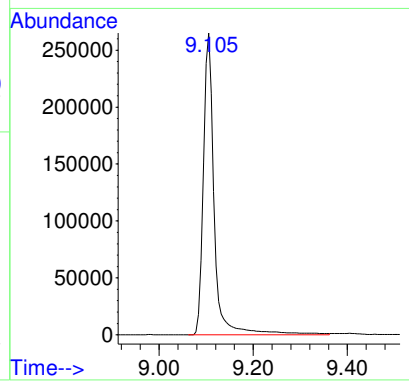
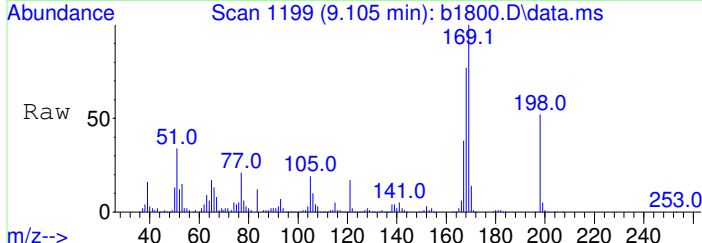
Tgt Ion:	138	Resp:	428914
Ion Ratio	Lower	Upper	
138	100		
92	52.2	32.2	48.2#
108	68.8	60.6	90.8





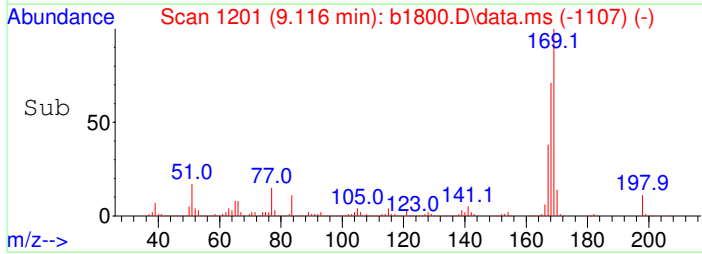
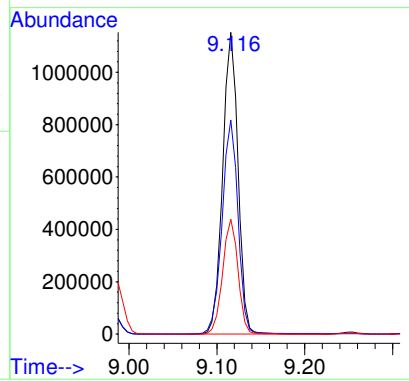
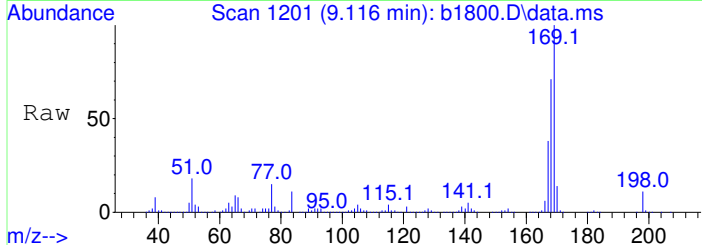
#59
 4,6-Dinitro-2-methylph
 Concen: 178.39 ug
 RT: 9.105 min Scan# 1199
 Delta R.T. 0.011 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

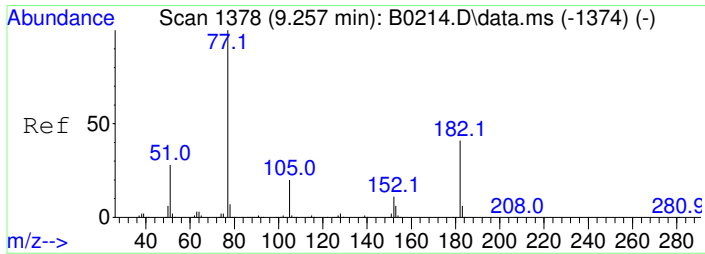
Tgt Ion:198 Resp: 426525



#60
 n-Nitrosodiphenylamine
 Concen: 147.10 ug
 RT: 9.116 min Scan# 1201
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

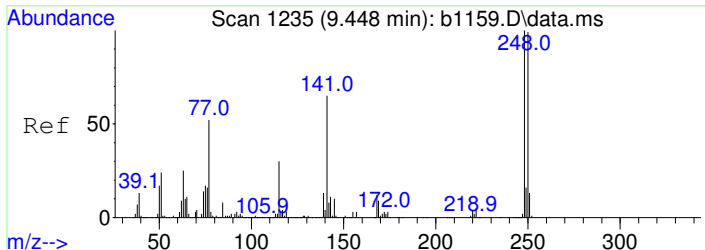
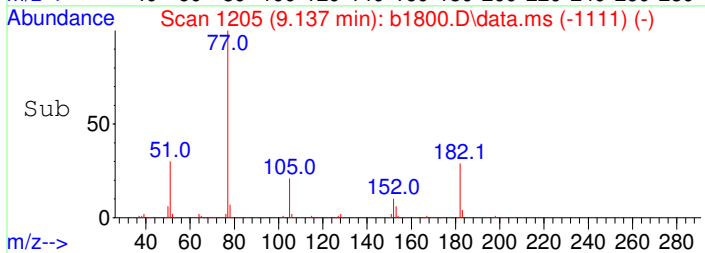
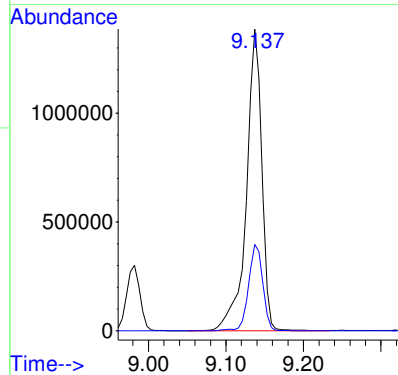
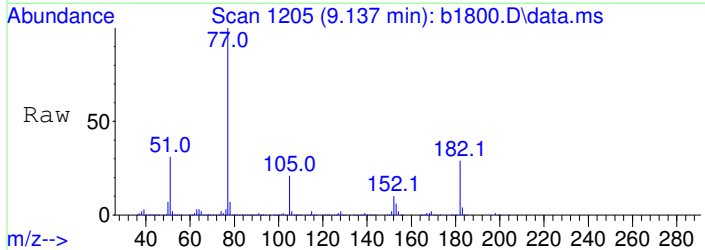
Tgt Ion:169 Resp: 1404342
 Ion Ratio Lower Upper
 169 100
 168 73.7 51.0 76.6
 167 37.9 27.7 41.5





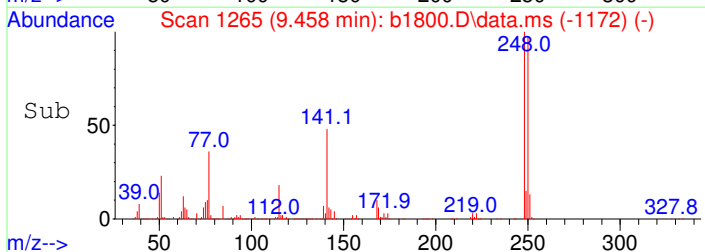
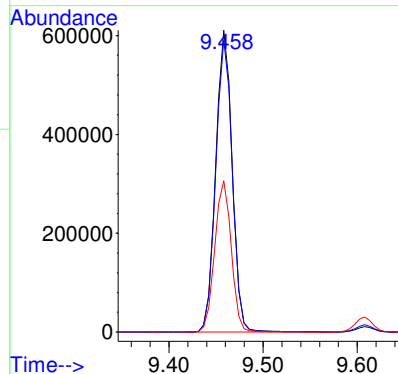
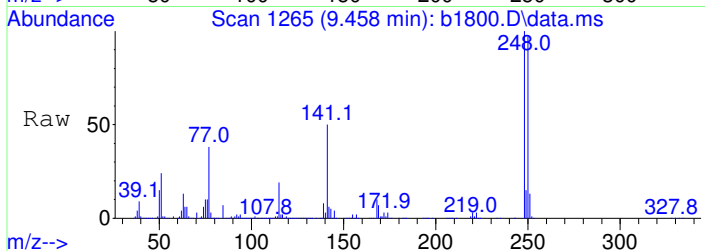
#62
Azobenzene
Concen: 149.34 ug
RT: 9.137 min Scan# 1205
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

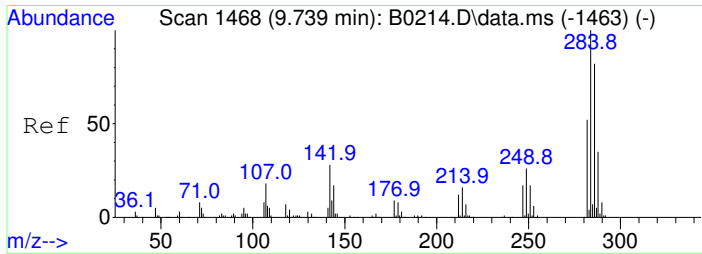
Tgt Ion: 77 Resp: 1903304
Ion Ratio Lower Upper
77 100
182 26.5 30.2 45.4#



#63
4-Bromophenyl-phenylether
Concen: 150.93 ug
RT: 9.458 min Scan# 1265
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

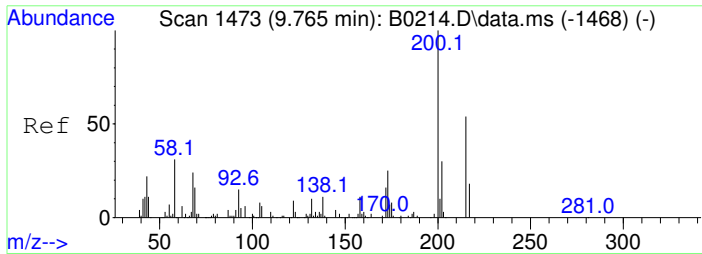
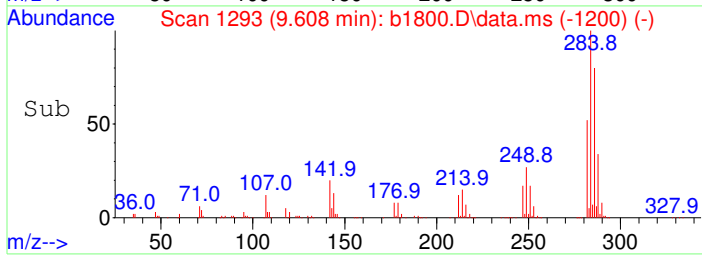
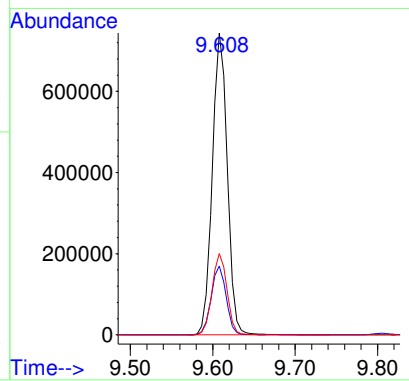
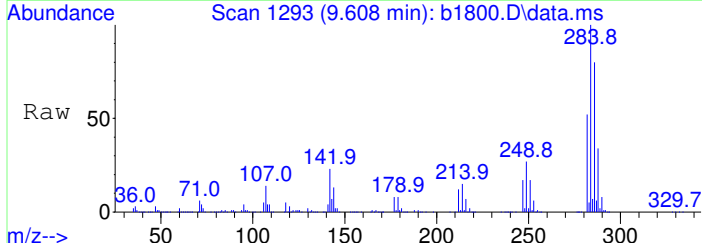
Tgt Ion: 248 Resp: 743171
Ion Ratio Lower Upper
248 100
250 96.8 76.7 115.1
141 50.1 46.2 69.2





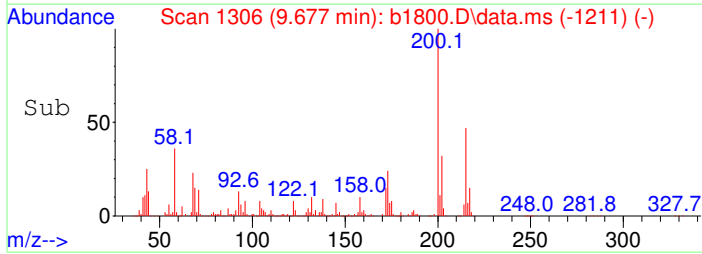
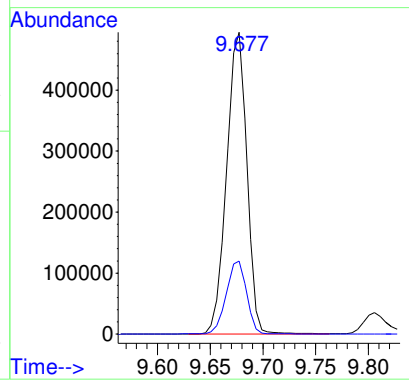
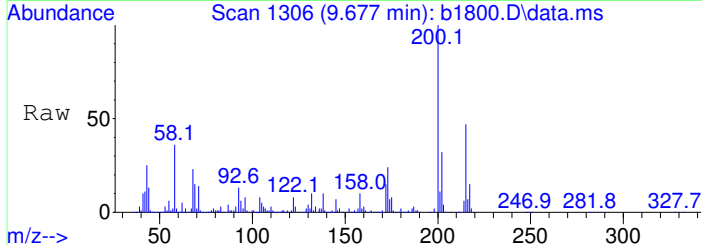
#64
 Hexachlorobenzene
 Concen: 148.97 ug
 RT: 9.608 min Scan# 1293
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

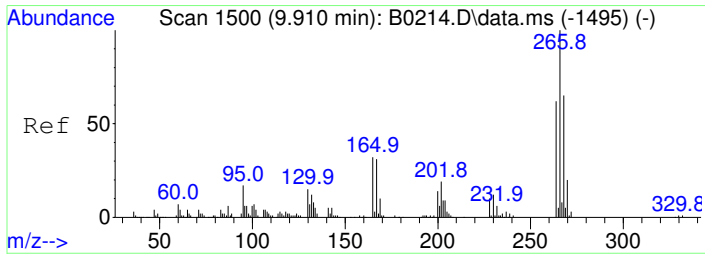
Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.8	24.7	37.1#
249	26.8	23.0	34.4



#65
 Atrazine
 Concen: 144.75 ug
 RT: 9.677 min Scan# 1306
 Delta R.T. 0.011 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

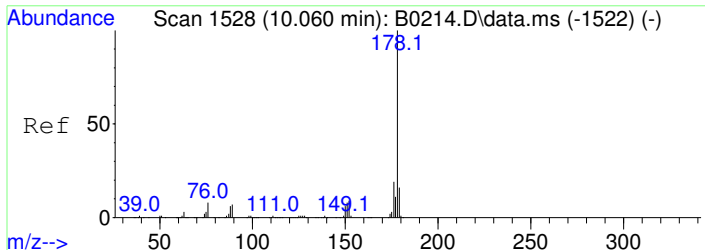
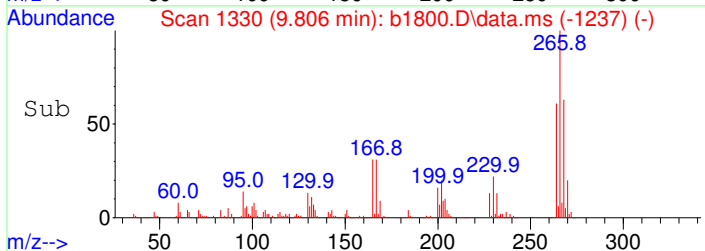
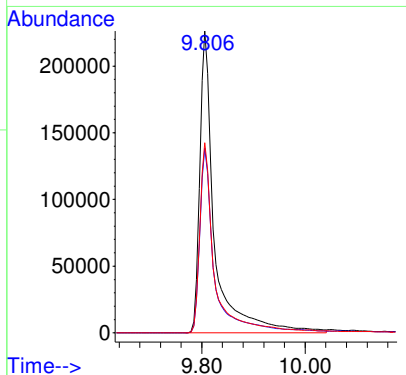
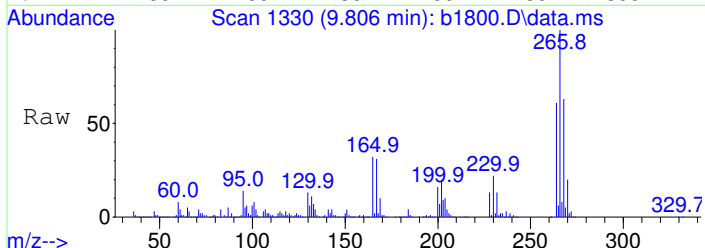
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	19.8	29.8





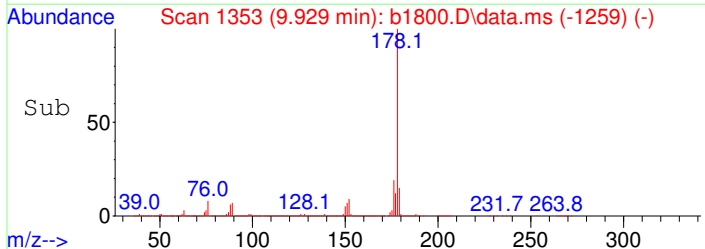
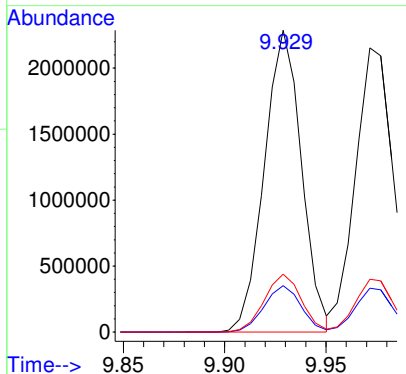
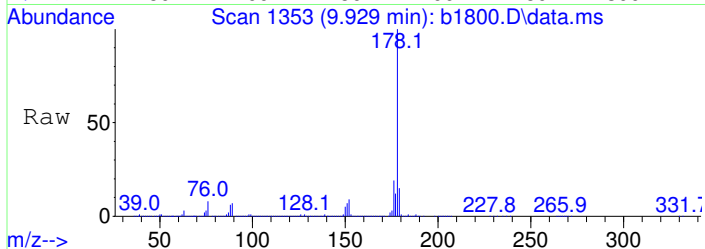
#66
Pentachlorophenol
Concen: 180.32 ug
RT: 9.806 min Scan# 1330
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

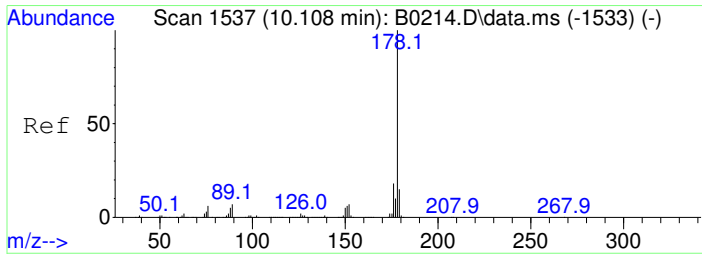
Tgt Ion:	266	Resp:	454321
Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.3	73.9
268	62.1	50.1	75.1



#67
Phenanthrene
Concen: 148.09 ug
RT: 9.929 min Scan# 1353
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

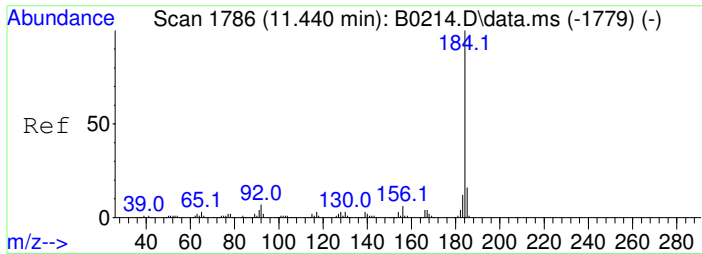
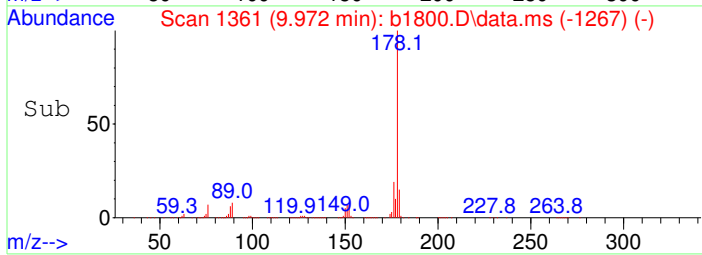
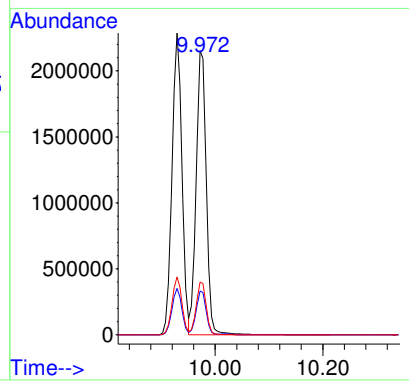
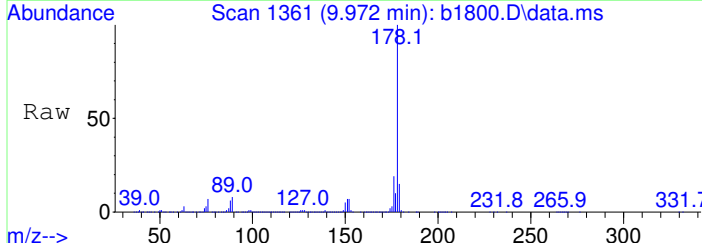
Tgt Ion:	178	Resp:	2913820
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.2	15.2	22.8





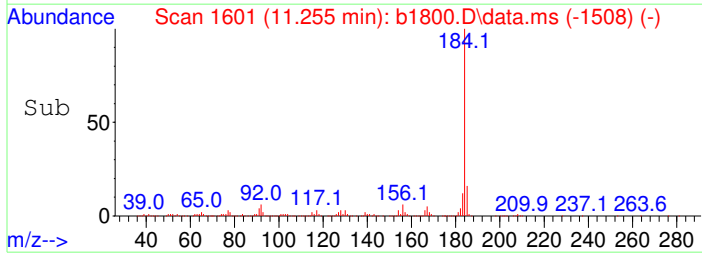
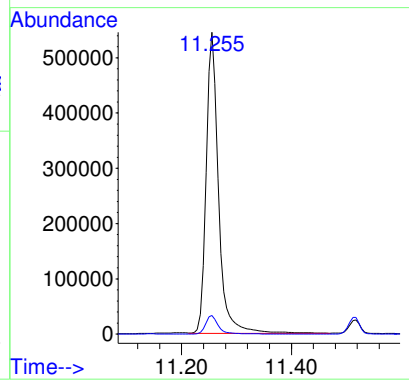
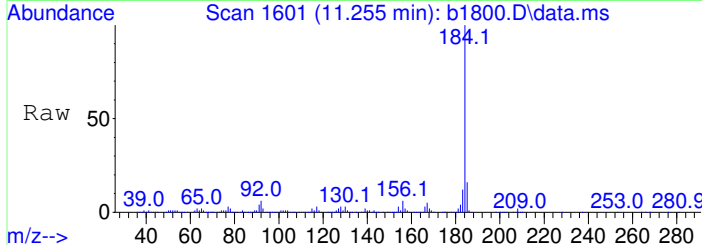
#68
 Anthracene
 Concen: 146.27 ug
 RT: 9.972 min Scan# 1361
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

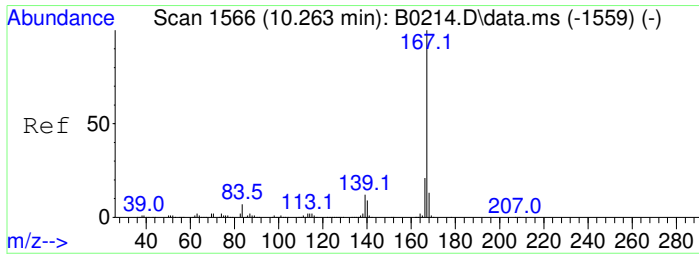
Tgt Ion:178	Resp: 2812568		
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.4	18.6
176	18.5	14.8	22.2



#69
 Benzidine
 Concen: 106.81 ug
 RT: 11.255 min Scan# 1601
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

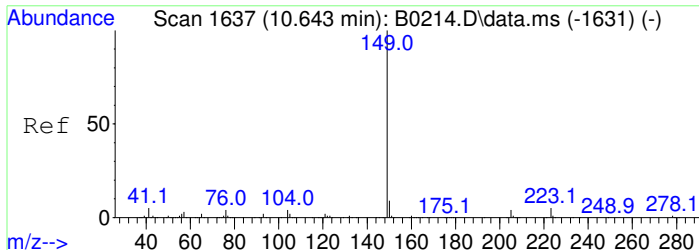
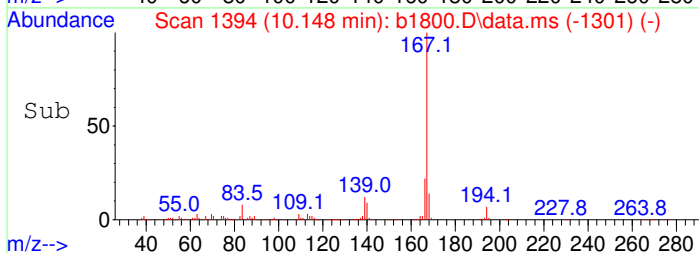
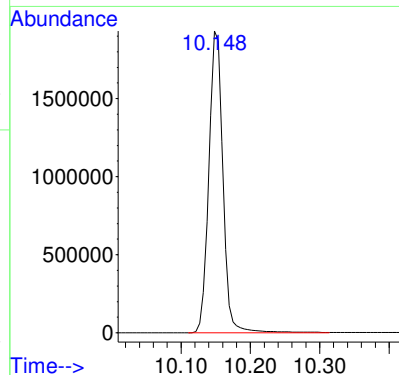
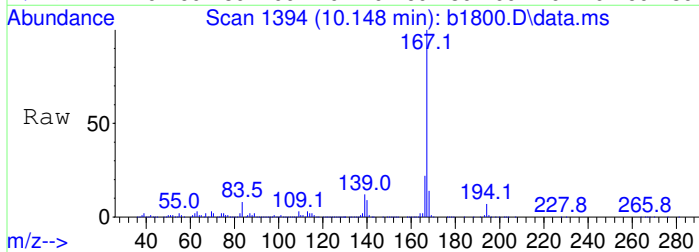
Tgt Ion:184	Resp: 850694		
Ion Ratio	Lower	Upper	
184	100		
92	6.2	4.3	6.5





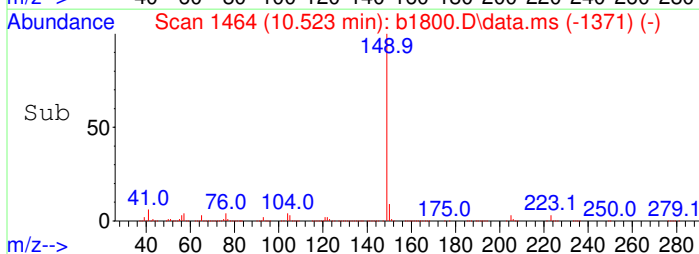
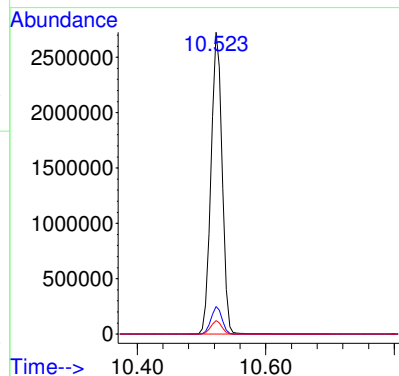
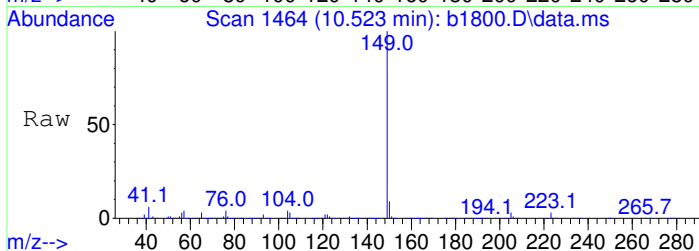
#70
 Carbazole
 Concen: 148.02 ug
 RT: 10.148 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

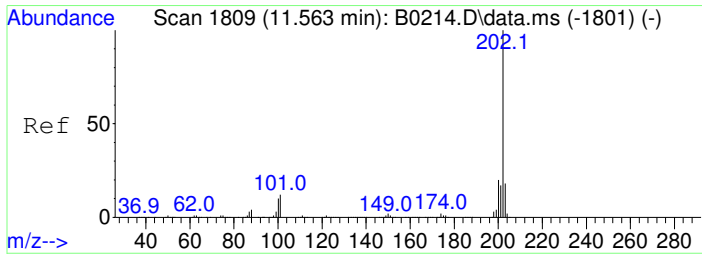
Tgt Ion:167 Resp: 2726194



#71
 Di-n-butylphthalate
 Concen: 148.12 ug
 RT: 10.523 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

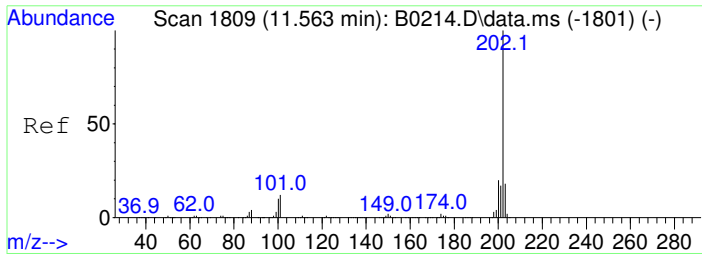
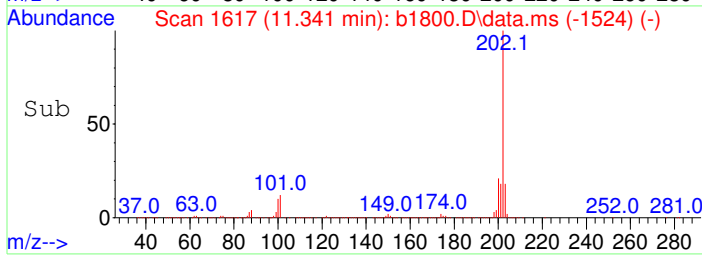
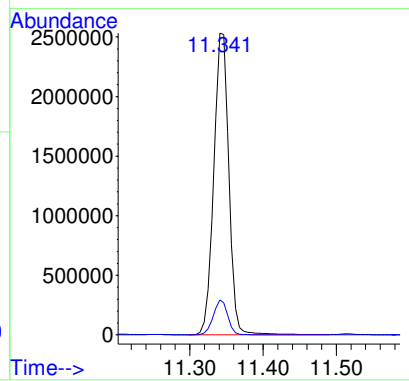
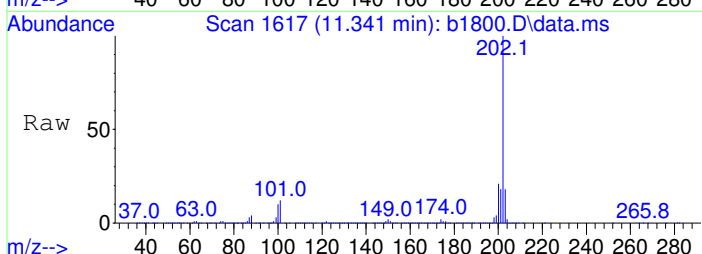
Tgt Ion:149 Resp: 3273139
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.4 4.1 6.1





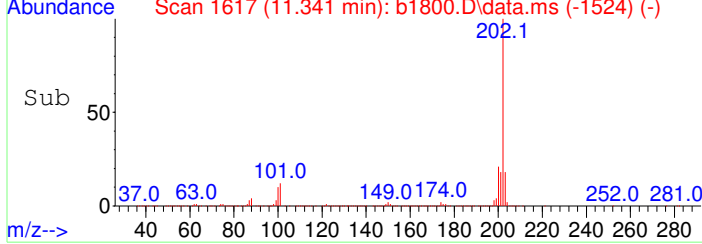
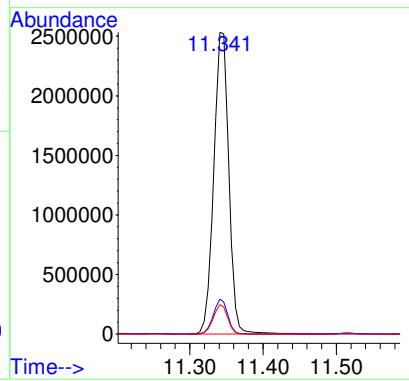
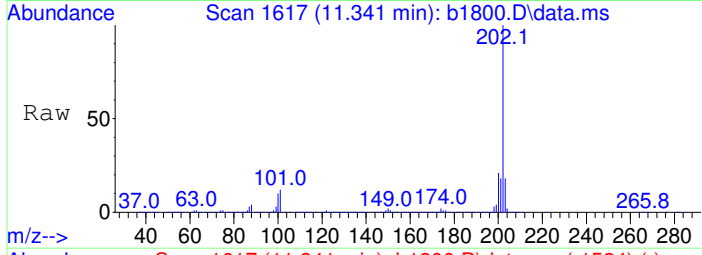
#72
Fluoranthene
Concen: 146.48 ug
RT: 11.341 min Scan# 1617
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

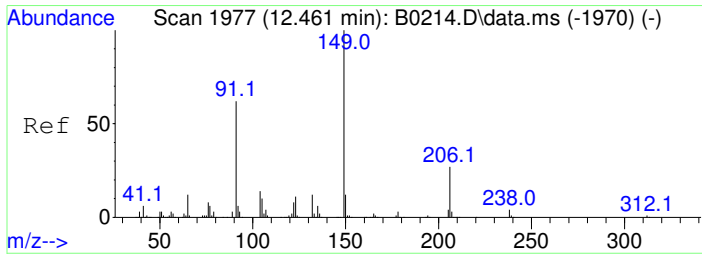
Tgt	Ion	202	Resp	3605465
Ion	Ratio	Lower	Upper	
202	100			
101	11.1	9.3	13.9	



#74
Pyrene
Concen: 149.34 ug
RT: 11.341 min Scan# 1617
Delta R.T. -0.000 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

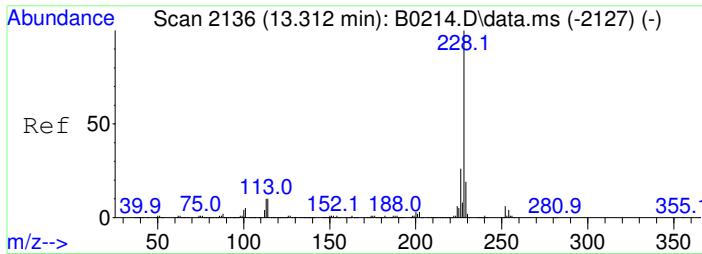
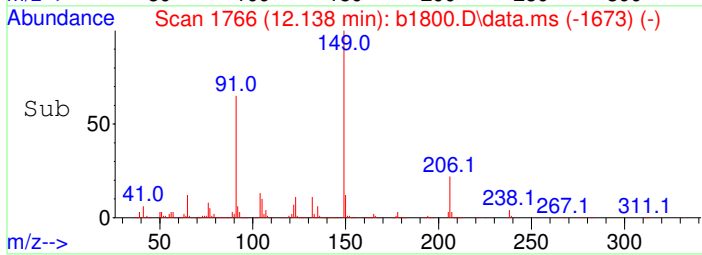
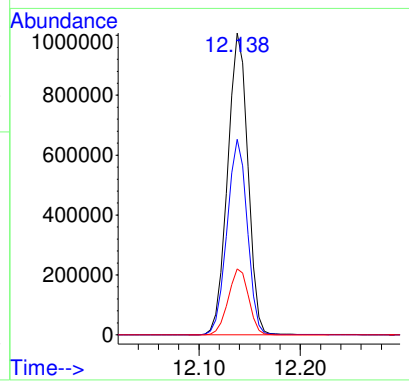
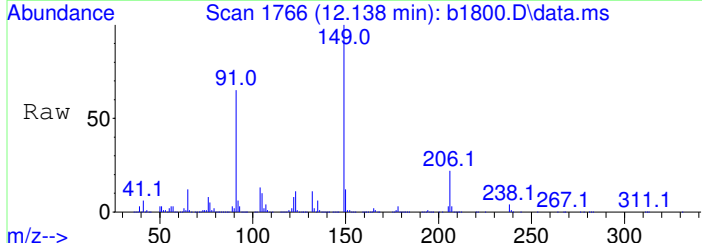
Tgt	Ion	202	Resp	3605465
Ion	Ratio	Lower	Upper	
202	100			
101	11.1	11.0	16.6	
100	9.3	8.9	13.3	





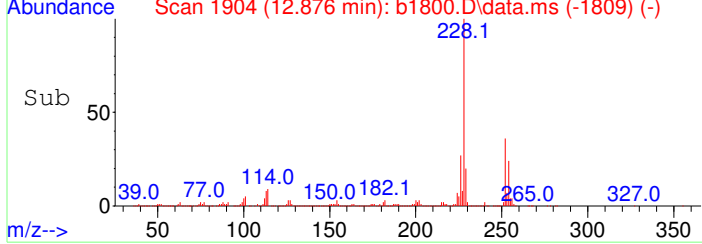
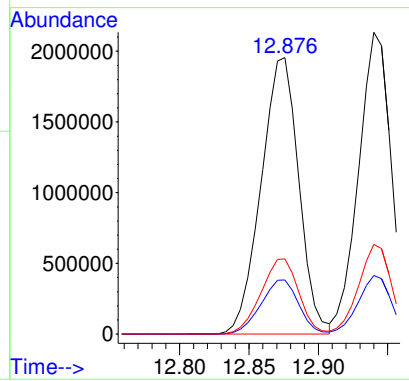
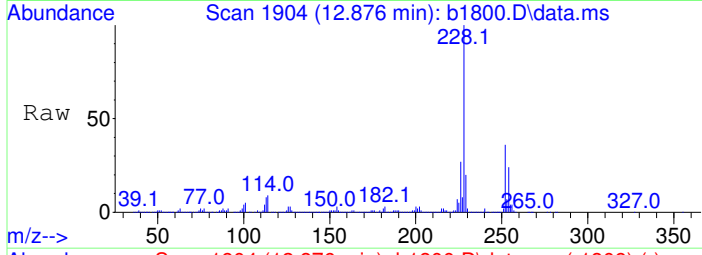
#76
 Butylbenzylphthalate
 Concen: 152.08 ug
 RT: 12.138 min Scan# 1766
 Delta R.T. -0.000 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

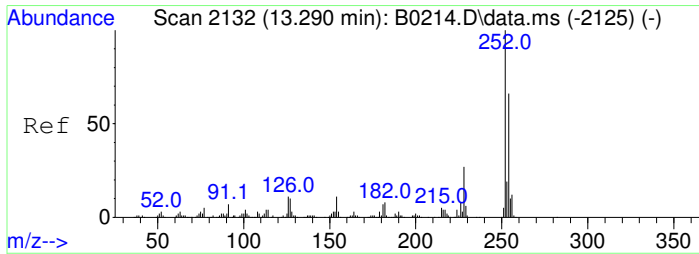
Tgt Ion	149	Resp	1402089
Ion Ratio	100	Lower	Upper
91	64.7	48.0	72.0
206	22.0	21.6	32.4



#77
 Benzo[a]anthracene
 Concen: 150.62 ug
 RT: 12.876 min Scan# 1904
 Delta R.T. 0.011 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

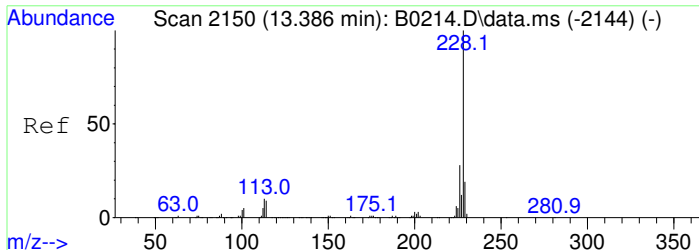
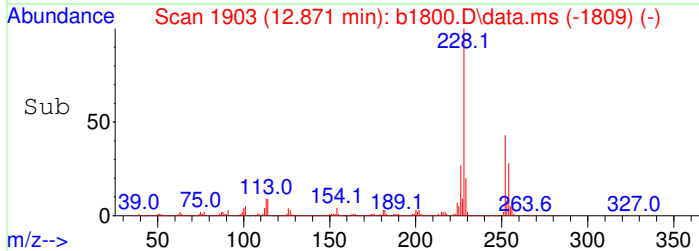
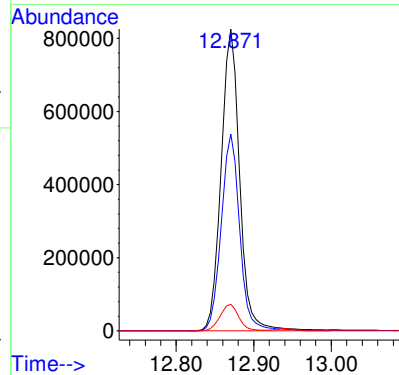
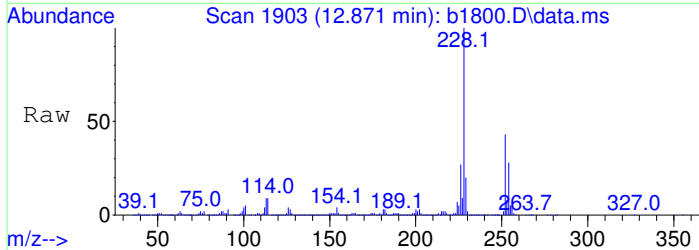
Tgt Ion	228	Resp	3697316
Ion Ratio	100	Lower	Upper
229	19.6	15.5	23.3
226	27.3	21.5	32.3





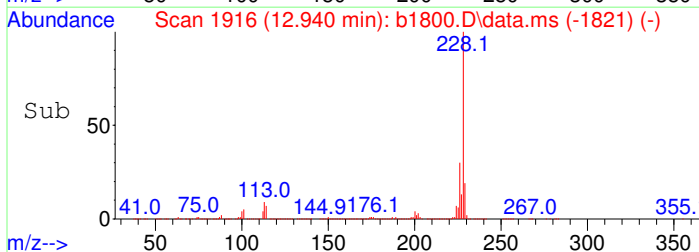
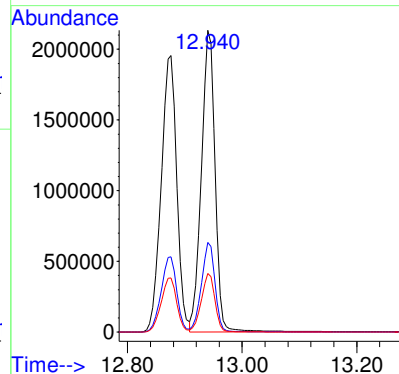
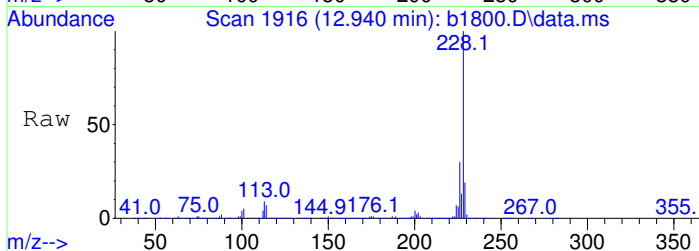
#78
3,3'-Dichlorobenzidine
Concen: 140.27 ug
RT: 12.871 min Scan# 1903
Delta R.T. 0.005 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

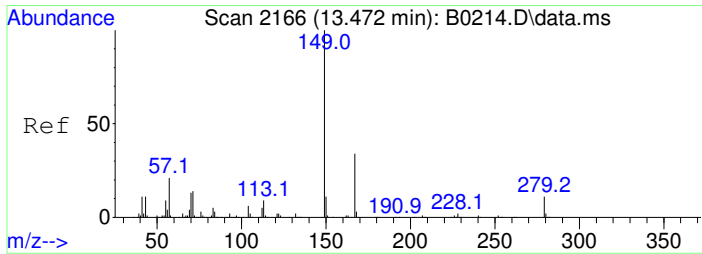
Tgt Ion:	252	Resp:	1367730
Ion Ratio	100	Lower	Upper
252	100		
254	65.4	50.6	75.8
126	8.9	8.0	12.0



#79
Chrysene
Concen: 149.22 ug
RT: 12.940 min Scan# 1916
Delta R.T. 0.011 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

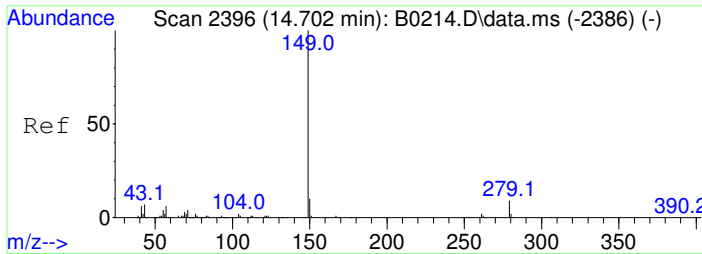
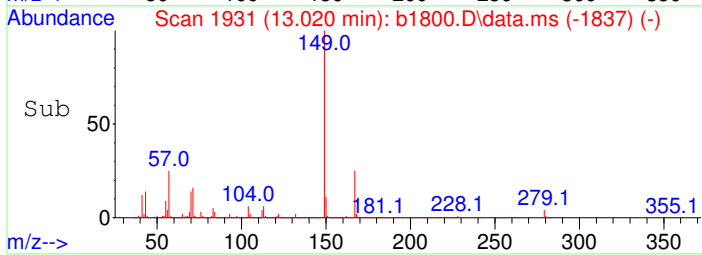
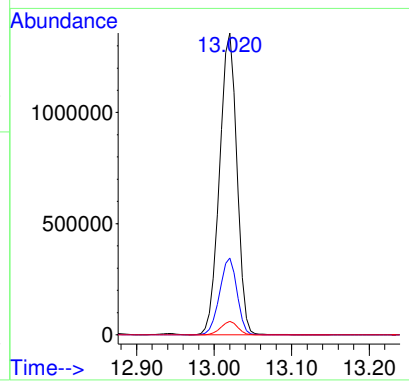
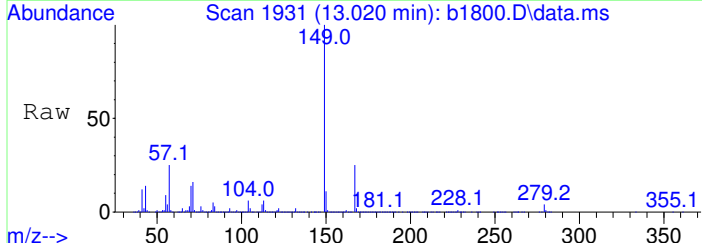
Tgt Ion:	228	Resp:	3523609
Ion Ratio	100	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.3	15.5	23.3





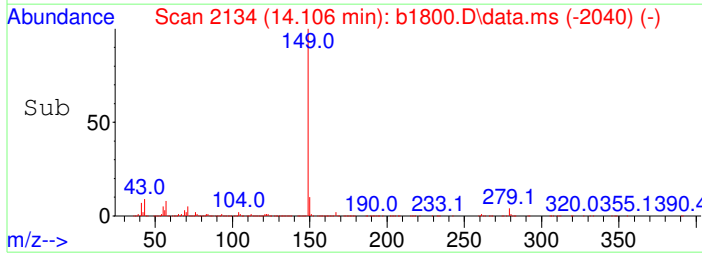
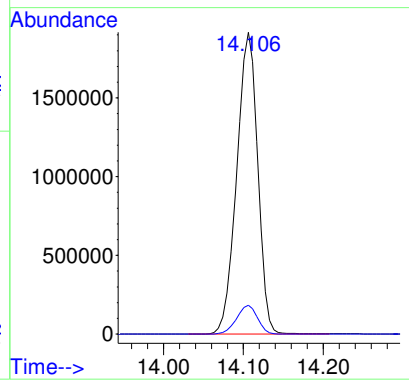
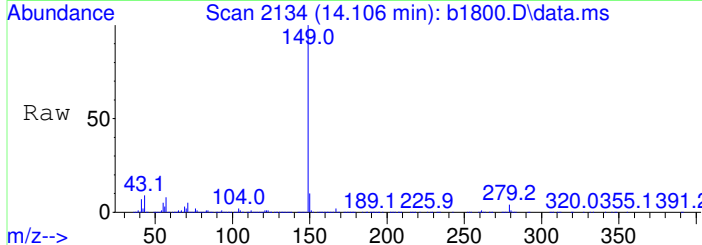
#80
 bis(2-Ethylhexyl)phtha
 Concen: 152.03 ug
 RT: 13.020 min Scan# 1931
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

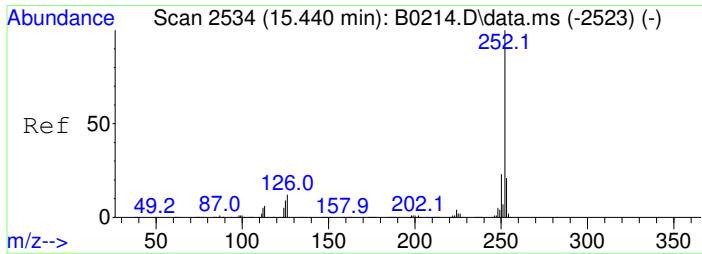
Tgt Ion:	149	Resp:	2109146
Ion Ratio	Lower	Upper	
149	100		
167	25.5	20.4	30.6
279	4.4	3.4	5.2



#82
 Di-n-octylphthalate
 Concen: 154.89 ug
 RT: 14.106 min Scan# 2134
 Delta R.T. 0.005 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

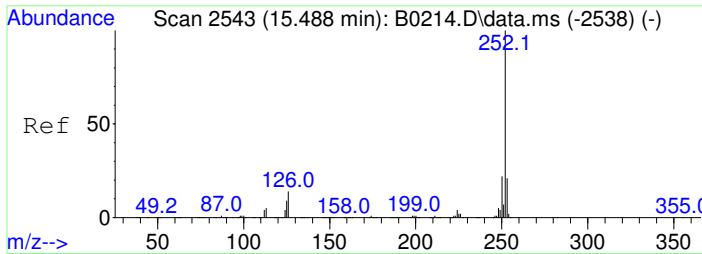
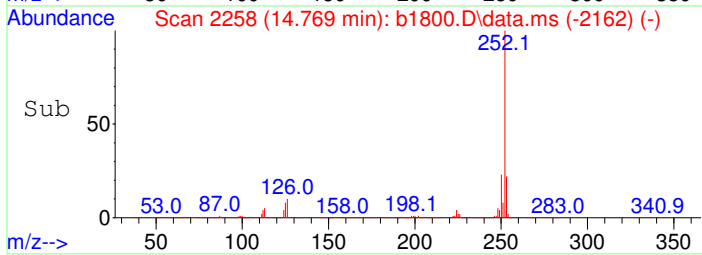
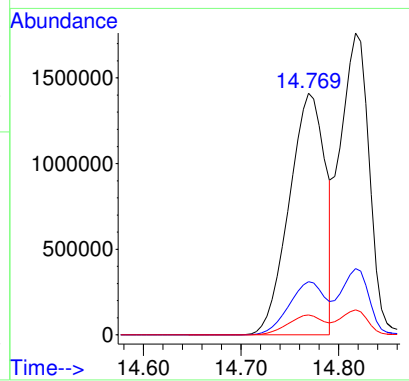
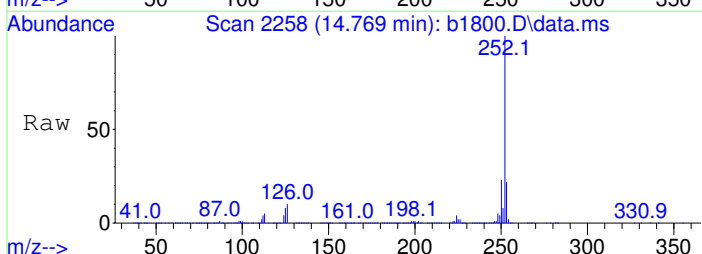
Tgt Ion:	149	Resp:	3501765
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.9	13.3





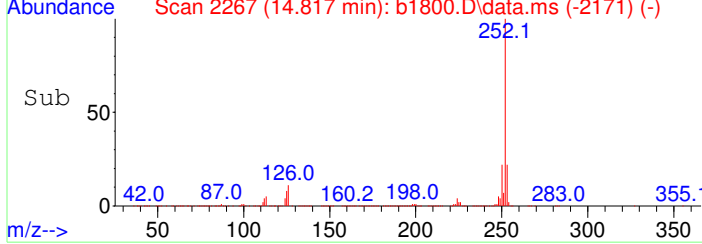
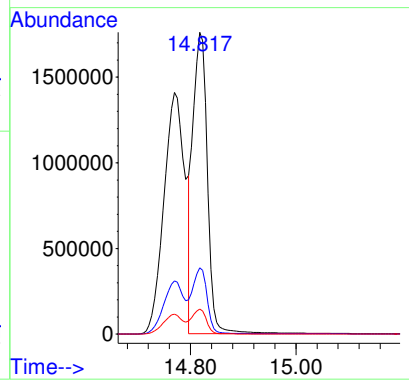
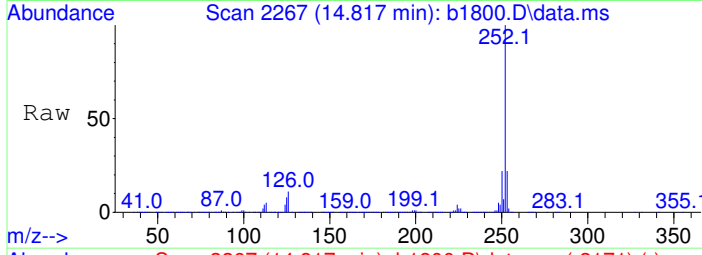
#83
 Benzo[b]fluoranthene
 Concen: 152.41 ug
 RT: 14.769 min Scan# 2258
 Delta R.T. 0.016 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

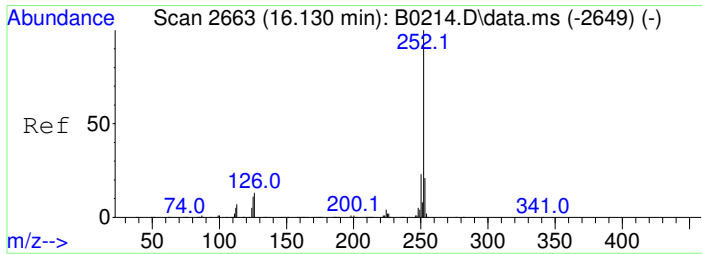
Tgt Ion:252	Resp: 3630575
Ion Ratio	Lower Upper
252	100
253	21.9 17.5 26.3
125	8.2 6.6 9.8



#84
 Benzo[k]fluoranthene
 Concen: 140.67 ug
 RT: 14.817 min Scan# 2267
 Delta R.T. 0.016 min
 Lab File: b1800.D
 Acq: 19 Jul 2024 10:00 am

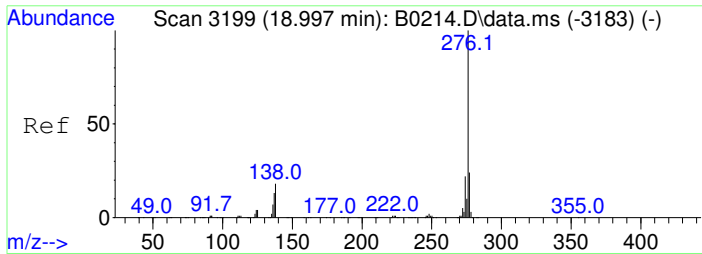
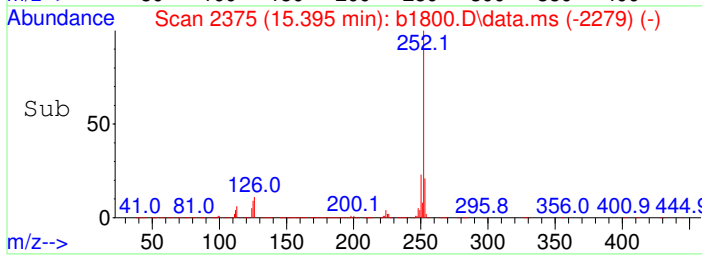
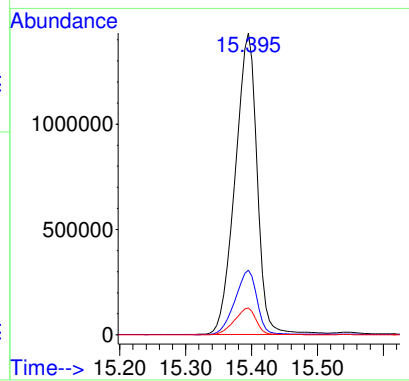
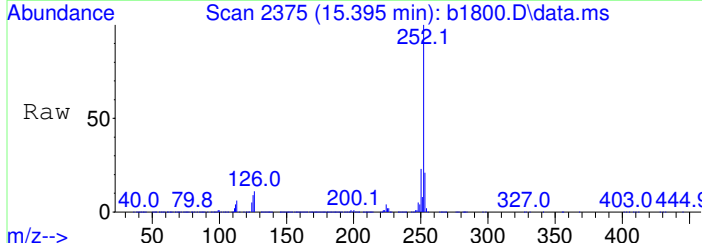
Tgt Ion:252	Resp: 3384329
Ion Ratio	Lower Upper
252	100
253	21.6 17.7 26.5
125	8.6 6.6 9.8





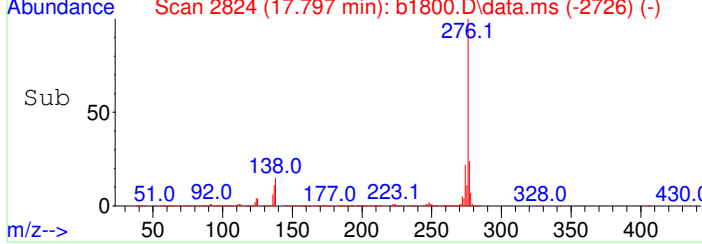
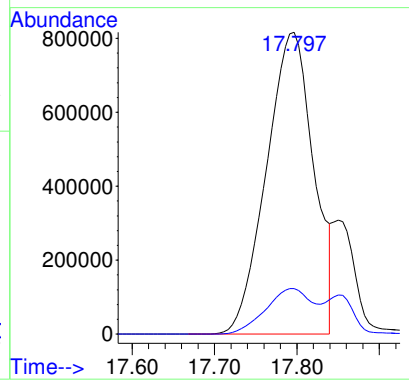
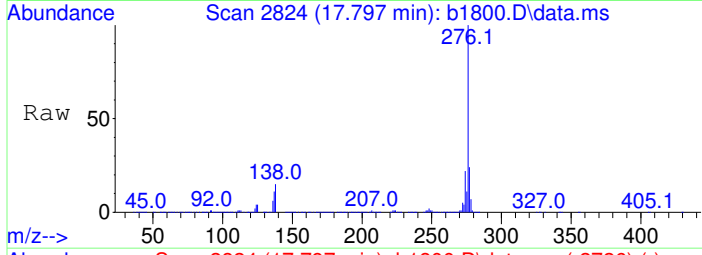
#85
Benzo[a]pyrene
Concen: 151.48 ug
RT: 15.395 min Scan# 2375
Delta R.T. 0.016 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

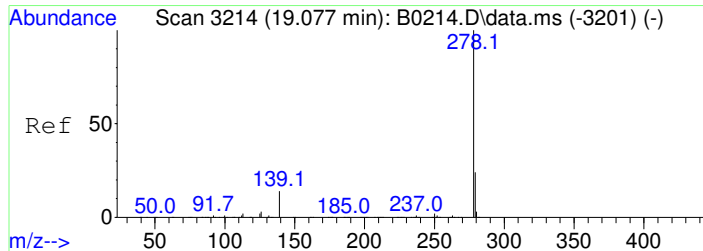
Tgt Ion:252	Resp: 3313616
Ion Ratio	Lower Upper
252	100
253	21.6 17.6 26.4
125	8.9 7.2 10.8



#86
Indeno[1,2,3-cd]pyrene
Concen: 150.27 ug
RT: 17.797 min Scan# 2824
Delta R.T. 0.027 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

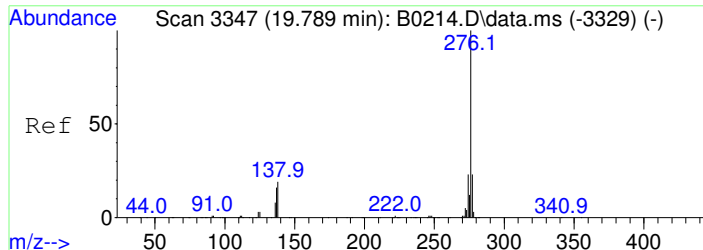
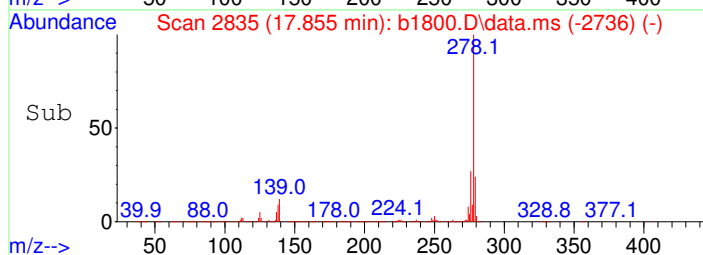
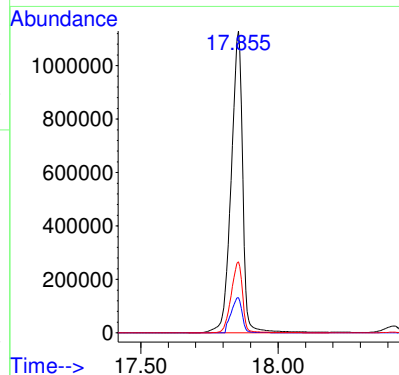
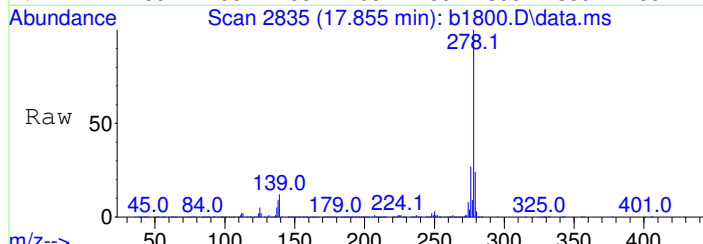
Tgt Ion:276	Resp: 3257262
Ion Ratio	Lower Upper
276	100
138	15.1 11.8 17.8





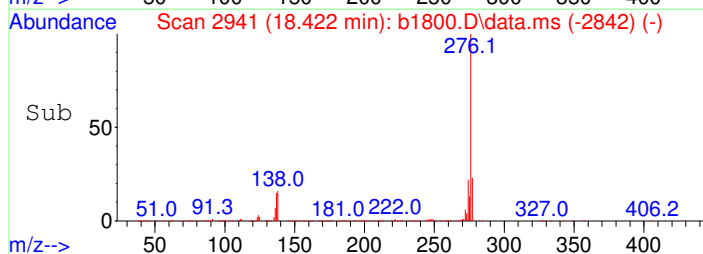
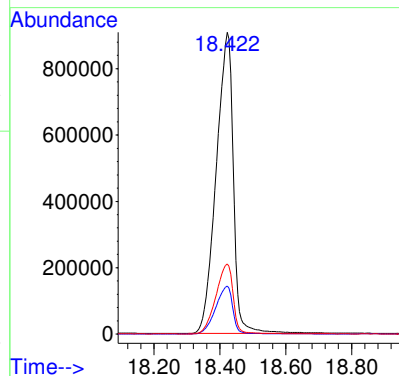
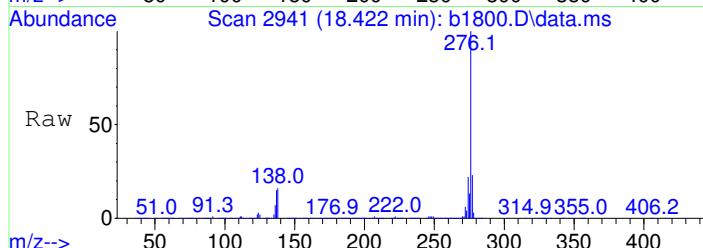
#87
Dibenz[a,h]anthracene
Concen: 149.14 ug
RT: 17.855 min Scan# 2835
Delta R.T. 0.032 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

Tgt	Ion	278	Resp	3302263
Ion	Ratio	100	Lower	Upper
278	100			
139	11.2	9.4	14.2	
279	23.5	18.9	28.3	



#88
Benzo[g,h,i]perylene
Concen: 148.84 ug
RT: 18.422 min Scan# 2941
Delta R.T. 0.032 min
Lab File: b1800.D
Acq: 19 Jul 2024 10:00 am

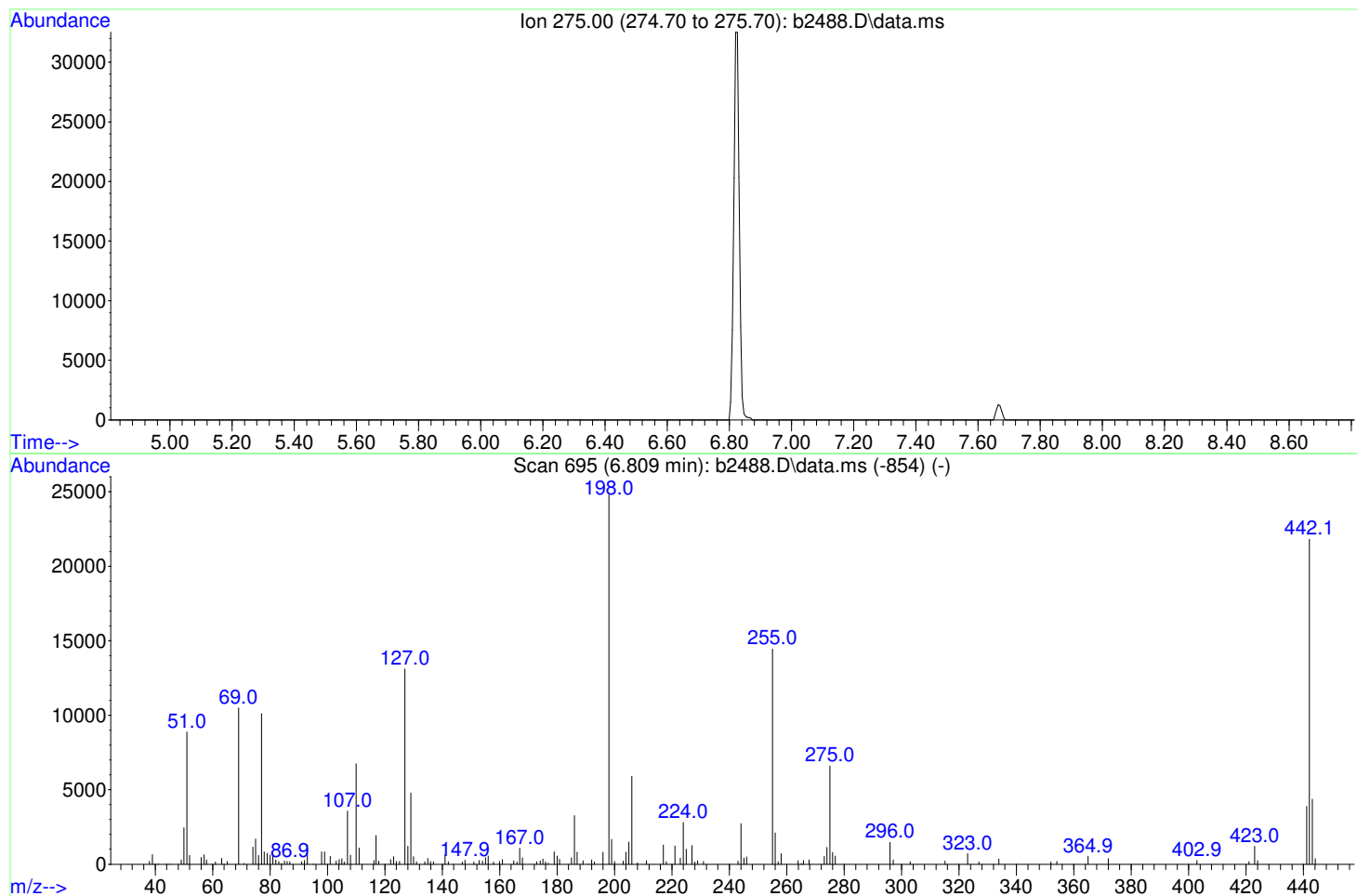
Tgt	Ion	276	Resp	3296751
Ion	Ratio	100	Lower	Upper
276	100			
138	15.8	15.0	22.6	
277	23.5	18.3	27.5	



Data Path : D:\2\data\090624\
Data File : b2488.D
Acq On : 6 Sep 2024 8:42 am
Operator :
Sample : dftpp
Misc : tune
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\2\qtmetho ds-b\methB071924.M
Title : e8270 Calibration
Last Update : Wed Sep 25 09:29:25 2024



Spectrum Information: Scan 695

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	35.8	8883	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	42.3	10494	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	52.9	13108	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	24792	PASS
199	198	5	9	6.7	1670	PASS
275	198	10	30	26.6	6603	PASS
365	198	1	100	2.1	525	PASS
441	443	0.01	100	89.0	3884	PASS
442	198	40	100	88.0	21816	PASS
443	442	17	23	20.0	4363	PASS

Data Path : D:\2\data\090624\
 Data File : b2489.D
 Acq On : 6 Sep 2024 9:04 am
 Operator :
 Sample : sstd080
 Misc : ccv
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 09:44:38 2024
 Quant Method : C:\msdchem\2\qtmethods-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

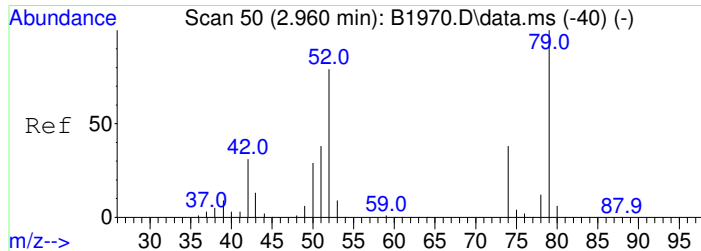
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	191702	40.00	ug	0.00
21) Naphthalene-d8	6.725	136	745812	40.00	ug	# 0.00
37) Acenaphthene-d10	8.458	164	479896	40.00	ug	# 0.00
58) Phenanthrene-d10	9.908	188	998724	40.00	ug	# 0.00
73) Chrysene-d12	12.913	240	923781	40.00	ug	0.02
81) Perylene-d12	15.534	264	990583	40.00	ug	0.03
System Monitoring Compounds						
2) 2-Fluorophenol	4.393	112	487492	80.34	ug	-0.02
3) Phenol-d5	5.292	99	442301	76.92	ug	-0.03
22) Nitrobenzene-d5	6.051	82	513770	80.09	ug	0.00
42) 2-Fluorobiphenyl	7.795	172	1322589	77.66	ug	0.00
61) 2,4,6-Tribromophenol	9.260	330	312415	79.85	ug	0.00
75) Terphenyl-d14	11.523	244	2138302	80.69	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.960	79	386012	73.54	ug	97
5) n-Nitrosodimethylamine	2.965	74	232409	74.30	ug	100
6) Benzaldehyde	5.083	77	290941	62.97	ug	91
7) Aniline	5.233	93	511875	68.91	ug	98
8) Phenol	5.302	94	569025	79.36	ug	# 85
9) bis(2-Chloroethyl)ether	5.276	93	432450	75.46	ug	# 96
10) 2-Chlorophenol	5.356	128	475807	80.24	ug	# 87
11) 1,3-Dichlorobenzene	5.452	146	548173	78.86	ug	100
12) 1,4-Dichlorobenzene	5.506	146	595939	78.93	ug	98
13) Benzyl alcohol	5.832	108	389018	73.02	ug	# 39
14) 1,2-Dichlorobenzene	5.682	146	549526	78.91	ug	100
15) 2-Methylphenol	5.832	108	389018	73.02	ug	90
16) bis(2-chloroisopropyl)	5.789	45	583992	82.36	ug	# 90
17) Acetophenone	5.901	105	788402	79.61	ug	94
18) 4-Methylphenol	5.982	108	496596	80.83	ug	95
19) n-Nitroso-di-n-propyla	5.923	70	336038	80.11	ug	96
20) Hexachloroethane	5.971	117	210599	81.35	ug	100
23) Nitrobenzene	6.067	77	556824	82.00	ug	99
24) Isophorone	6.287	82	634040	79.20	ug	100
25) 2-Nitrophenol	6.377	139	284393	81.55	ug	93
26) 2,4-Dimethylphenol	6.458	107	398828	75.63	ug	97
27) bis(2-Chloroethoxy)met	6.506	93	537133	78.60	ug	99
28) 2,4-Dichlorophenol	6.650	162	465704	79.87	ug	97
29) 1,2,4-Trichlorobenzene	6.688	180	568261	79.87	ug	99
30) Naphthalene	6.741	128	1482084	78.98	ug	100
31) Benzoic Acid	6.623	105	373253m	100.16	ug	
32) 4-Chloroaniline	6.832	127	607429	78.86	ug	94
33) Hexachlorobutadiene	6.912	225	366351	80.45	ug	99
34) Capralactam	7.169	113	125916	78.82	ug	95
35) 4-Chloro-3-methylphenol	7.372	107	410836	77.90	ug	# 1
36) 2-Methylnaphthalene	7.415	142	1180224	80.46	ug	100
38) Hexachlorocyclopentadiene	7.634	237	365162	73.44	ug	100
39) 2,4,6-Trichlorophenol	7.747	196	366130	75.76	ug	99
40) 2,4,5-Trichlorophenol	7.822	196	439418	78.03	ug	97
41) Biphenyl	7.880	154	1451282	76.82	ug	# 89
43) 2-Chloronaphthalene	7.896	162	1114931	77.73	ug	97
44) 2-Nitroaniline	8.046	65	301403	78.60	ug	# 79
45) Dimethylphthalate	8.228	163	1281999	78.89	ug	# 95
46) Acenaphthylene	8.308	152	1472377	77.54	ug	99
47) 2,6-Dinitrotoluene	8.308	165	283712	80.46	ug	98
48) 3-Nitroaniline	8.463	138	266705	74.64	ug	# 29

Data Path : D:\2\data\090624\
 Data File : b2489.D
 Acq On : 6 Sep 2024 9:04 am
 Operator :
 Sample : sstd080
 Misc : ccv
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 09:44:38 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

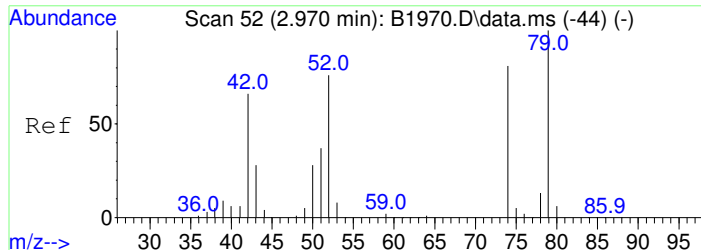
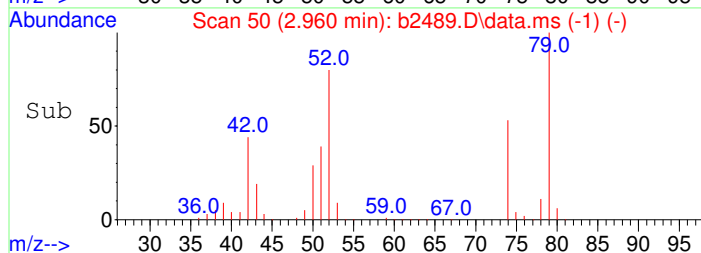
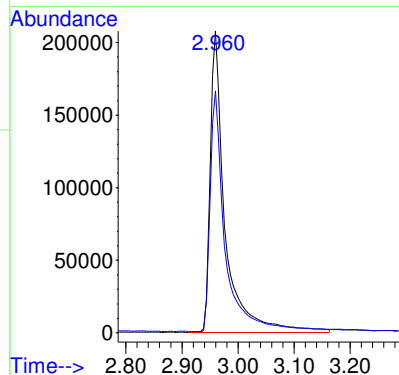
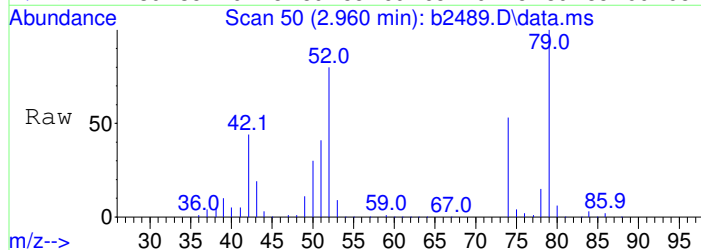
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
49) Acenaphthene	8.485	153	1088035	78.65	ug	95
50) 2,4-Dinitrophenol	8.570	184	179792	97.25	ug	# 80
51) 4-Nitrophenol	8.758	109	113166	68.86	ug	# 80
52) Dibenzofuran	8.645	168	1617714	78.00	ug	91
53) 2,4-Dinitrotoluene	8.699	165	404389	80.70	ug	# 93
54) Diethylphthalate	8.923	149	1284680	79.30	ug	97
55) Fluorene	8.988	166	1274188	78.74	ug	94
56) 4-Chlorophenyl-phenyle	8.982	204	686497	78.09	ug	98
57) 4-Nitroaniline	9.079	138	279790	78.97	ug	# 90
59) 4,6-Dinitro-2-methylph	9.105	198	278794	93.90	ug	100
60) n-Nitrosodiphenylamine	9.116	169	913251	77.03	ug	89
62) Azobenzene	9.137	77	1257144	79.43	ug	# 82
63) 4-Bromophenyl-phenylether	9.458	248	478268	78.22	ug	95
64) Hexachlorobenzene	9.608	284	603410	76.94	ug	# 90
65) Atrazine	9.672	200	329003	58.03	ug	100
66) Pentachlorophenol	9.817	266	255203	81.57	ug	98
67) Phenanthrene	9.934	178	1892981	77.47	ug	100
68) Anthracene	9.977	178	1865723	78.13	ug	98
69) Benzidine	11.271	184	312777	31.63	ug	97
70) Carbazole	10.159	167	1808919	79.09	ug	100
71) Di-n-butylphthalate	10.523	149	2195128	80.00	ug	99
72) Fluoranthene	11.352	202	2365988	77.41	ug	98
74) Pyrene	11.352	202	2365988	79.85	ug	# 94
76) Butylbenzylphthalate	12.138	149	939793	83.06	ug	# 92
77) Benzo[a]anthracene	12.887	228	2339319	77.65	ug	99
78) 3,3'-Dichlorobenzidine	12.887	252	950661	79.44	ug	99
79) Chrysene	12.951	228	2343566	80.87	ug	100
80) bis(2-Ethylhexyl)phtha	13.020	149	1418927	83.34	ug	100
82) Di-n-octylphthalate	14.106	149	2353013	87.51	ug	96
83) Benzo[b]fluoranthene	14.791	252	2224271	78.50	ug	99
84) Benzo[k]fluoranthene	14.839	252	2402277	83.95	ug	98
85) Benzo[a]pyrene	15.422	252	2051965	78.87	ug	100
86) Indeno[1,2,3-cd]pyrene	17.840	276	1951900m	75.71	ug	
87) Dibenz[a,h]anthracene	17.888	278	2004926	76.13	ug	99
88) Benzo[g,h,i]perylene	18.471	276	1972387	74.87	ug	96

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



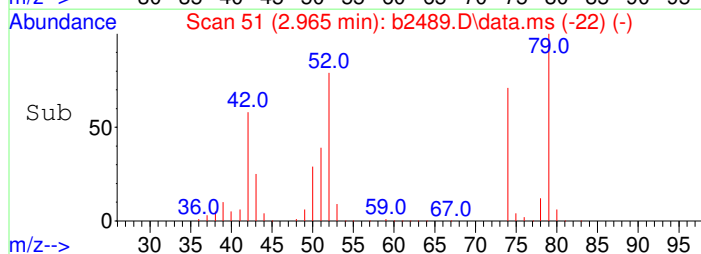
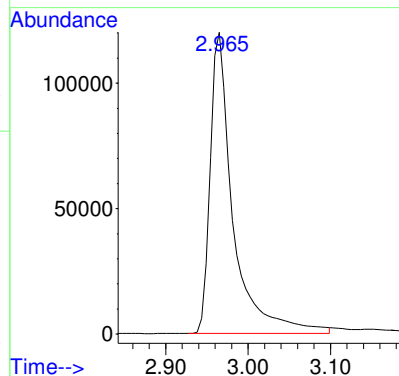
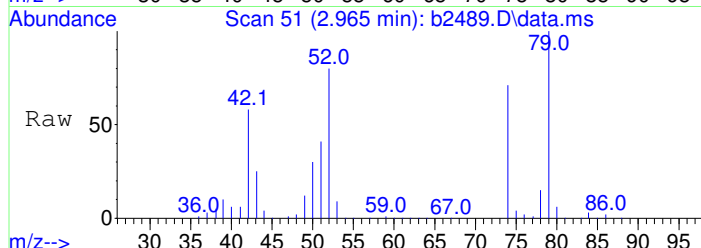
#4
Pyridine
Concen: 73.54 ug
RT: 2.960 min Scan# 50
Delta R.T. 0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

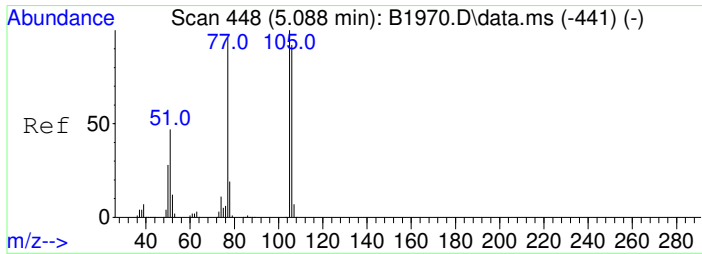
Tgt Ion: 79 Resp: 386012
Ion Ratio Lower Upper
79 100
52 81.0 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 74.30 ug
RT: 2.965 min Scan# 51
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

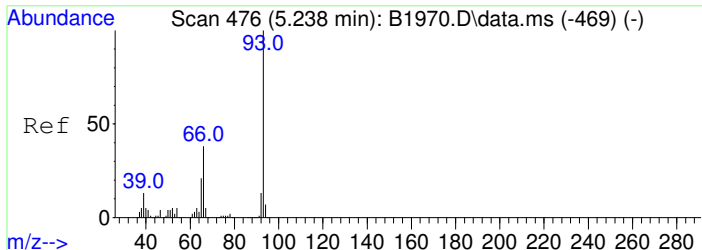
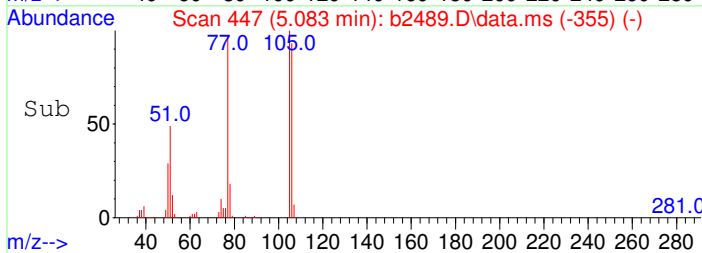
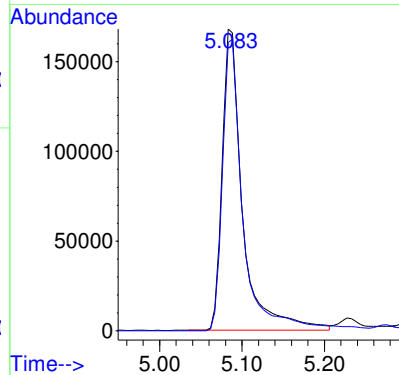
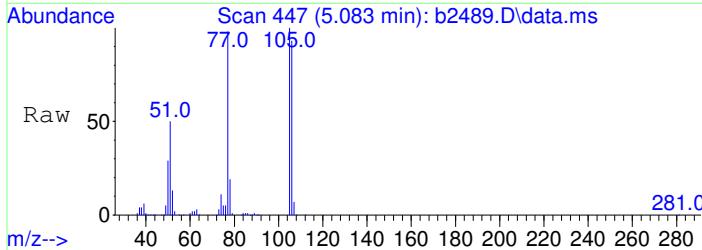
Tgt Ion: 74 Resp: 232409





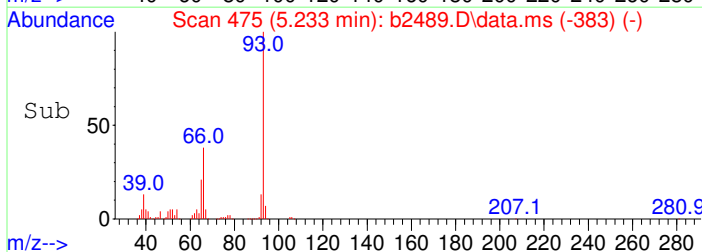
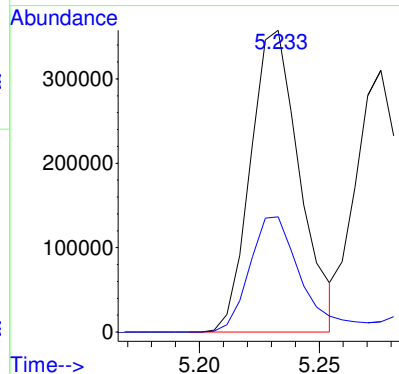
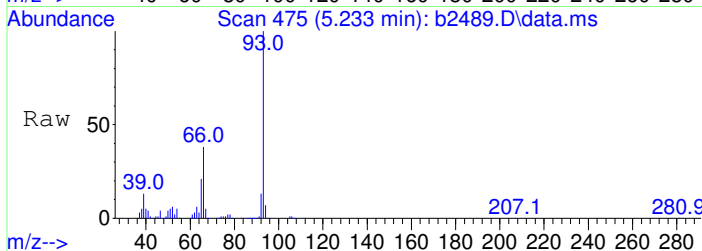
#6
Benzaldehyde
Concen: 62.97 ug
RT: 5.083 min Scan# 447
Delta R.T. -0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

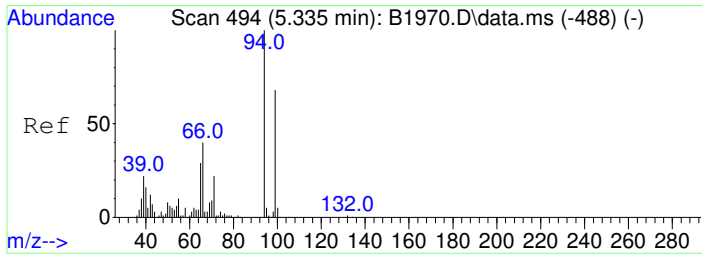
Tgt Ion	Resp	Lower	Upper
77	100		
106	98.6	86.2	129.2



#7
Aniline
Concen: 68.91 ug
RT: 5.233 min Scan# 475
Delta R.T. -0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

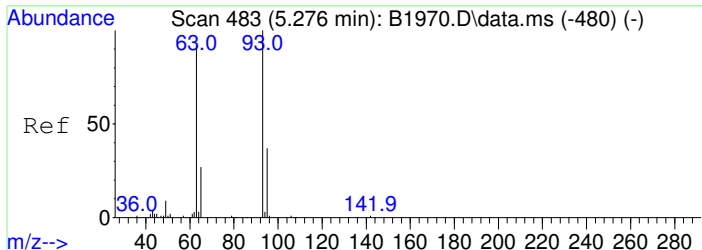
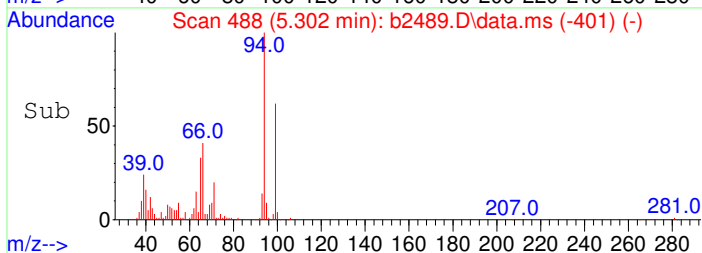
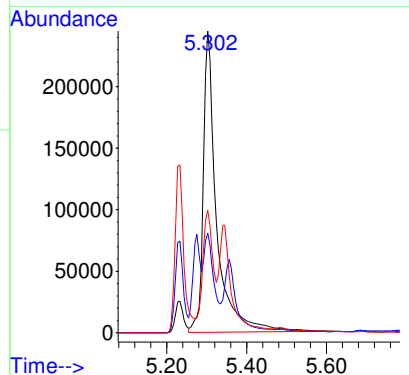
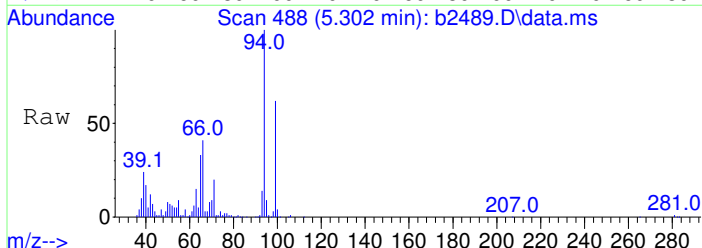
Tgt Ion	Resp	Lower	Upper
93	100		
66	40.6	31.4	47.2





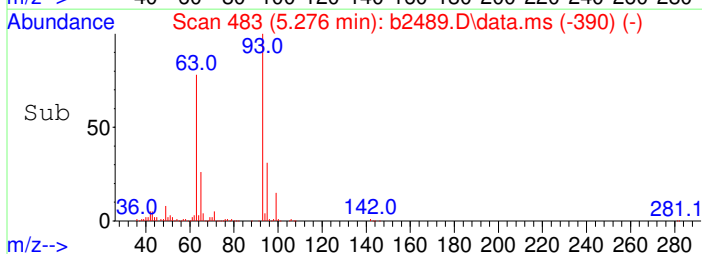
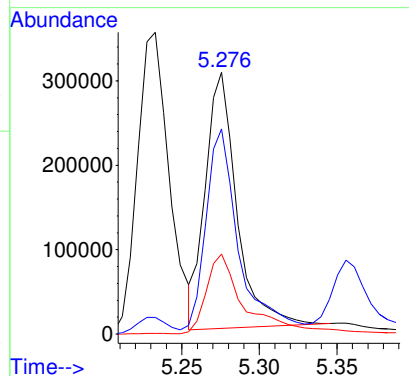
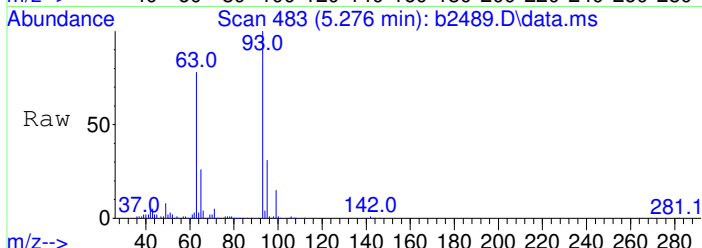
#8
Phenol
Concen: 79.36 ug
RT: 5.302 min Scan# 488
Delta R.T. -0.032 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

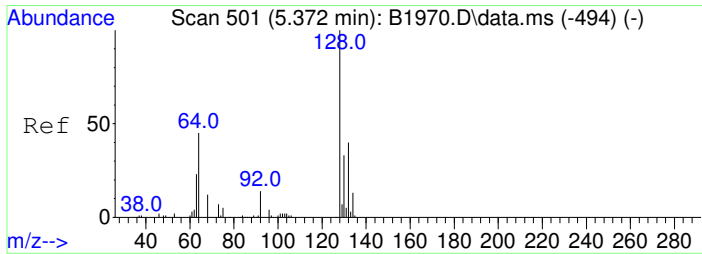
Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.2	25.7	38.5#
66	31.6	33.5	50.3#



#9
bis(2-Chloroethyl)ether
Concen: 75.46 ug
RT: 5.276 min Scan# 483
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

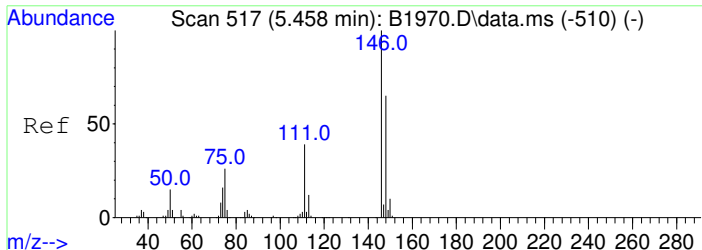
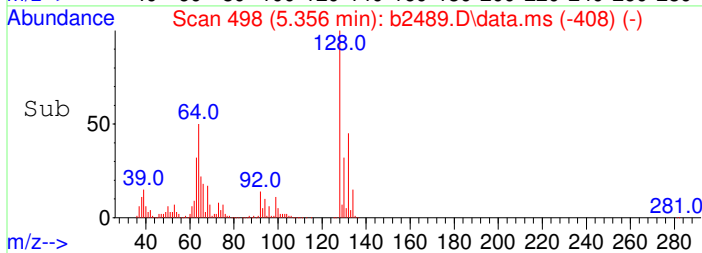
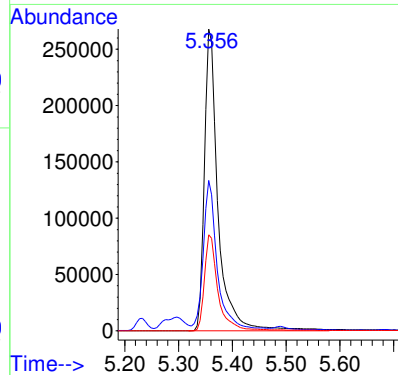
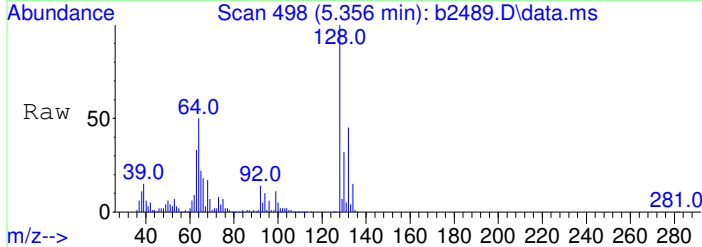
Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.5	67.0	100.4
95	39.1	24.8	37.2#





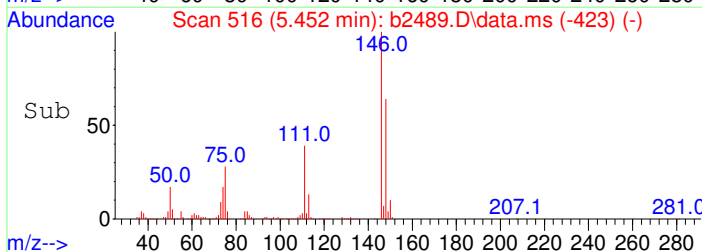
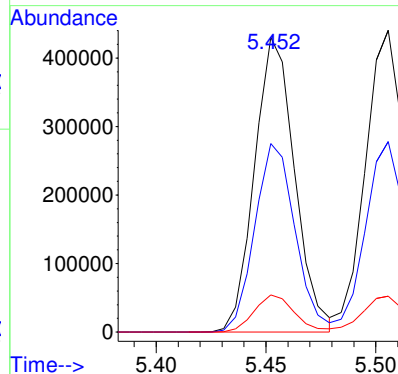
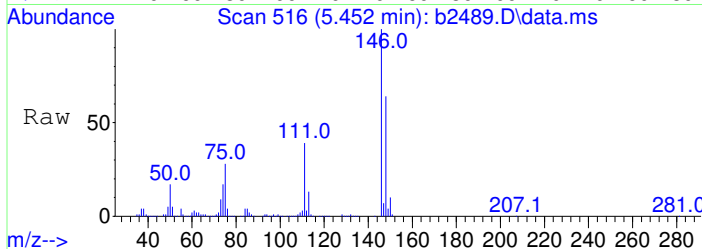
#10
 2-Chlorophenol
 Concen: 80.24 ug
 RT: 5.356 min Scan# 498
 Delta R.T. -0.016 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

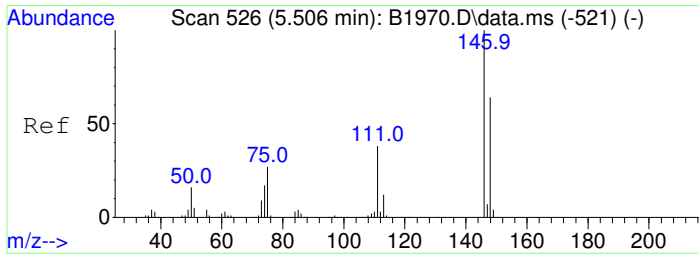
Tgt Ion	128	Resp	475807
Ion Ratio	100	Lower	Upper
64	51.1	29.4	44.2#
130	31.6	25.9	38.9



#11
 1,3-Dichlorobenzene
 Concen: 78.86 ug
 RT: 5.452 min Scan# 516
 Delta R.T. -0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

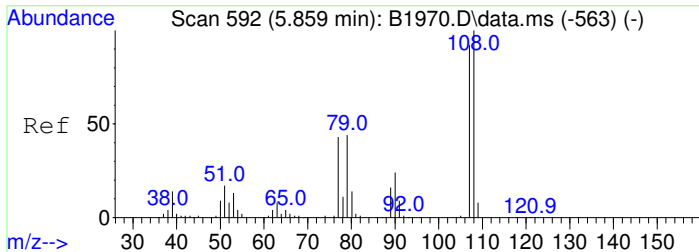
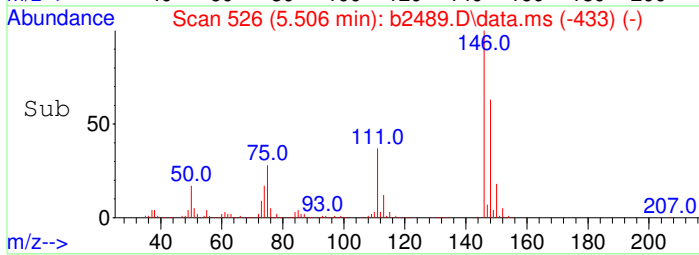
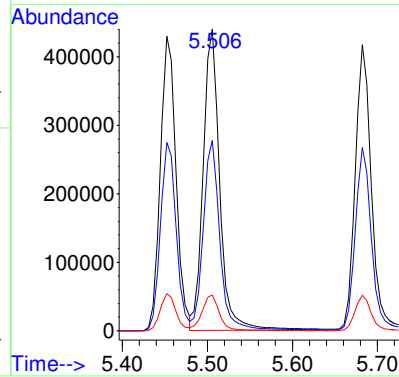
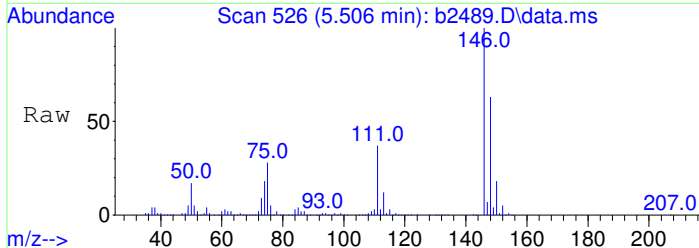
Tgt Ion	146	Resp	548173
Ion Ratio	100	Lower	Upper
148	64.2	51.7	77.5
113	12.7	10.2	15.2





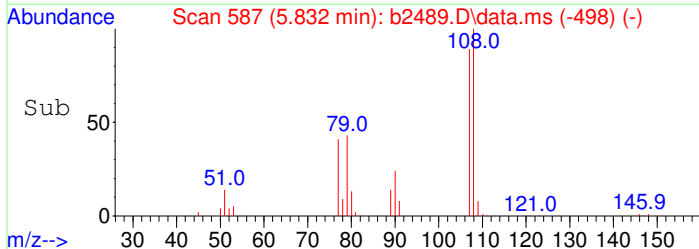
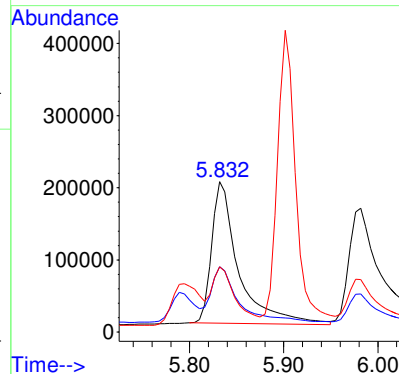
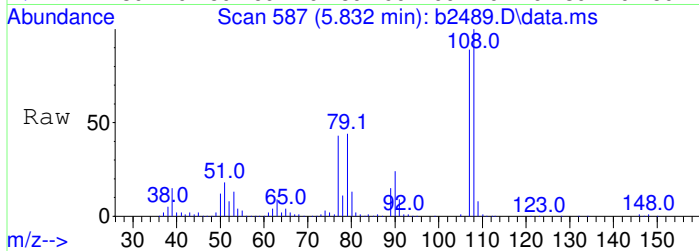
#12
 1,4-Dichlorobenzene
 Concen: 78.93 ug
 RT: 5.506 min Scan# 526
 Delta R.T. -0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

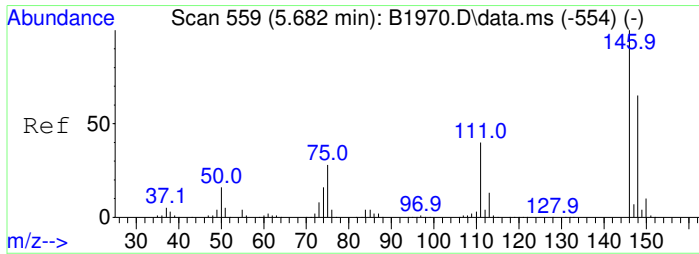
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.0	76.6
113	12.5	9.9	14.9



#13
 Benzyl alcohol
 Concen: 73.02 ug
 RT: 5.832 min Scan# 587
 Delta R.T. -0.021 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

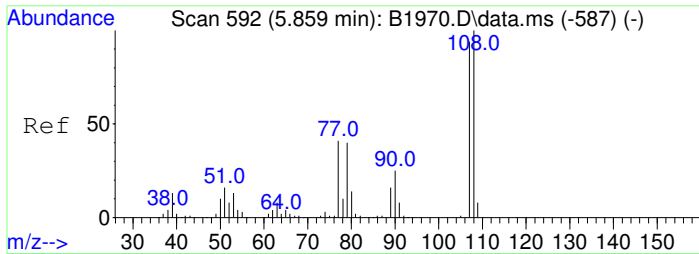
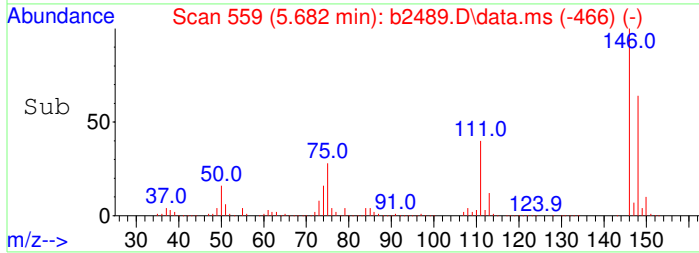
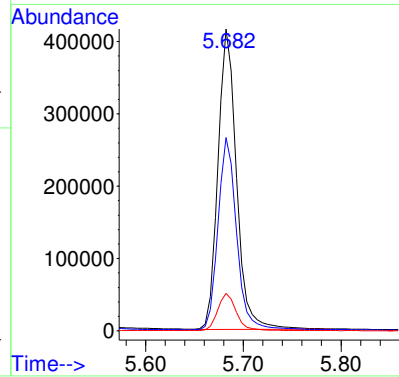
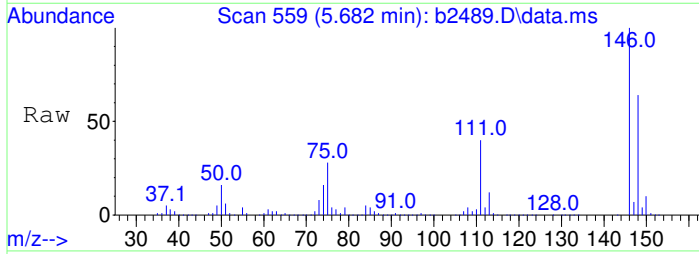
Tgt Ion	Ratio	Lower	Upper
108	100		
79	44.8	98.0	147.0#
77	37.8	65.7	98.5#





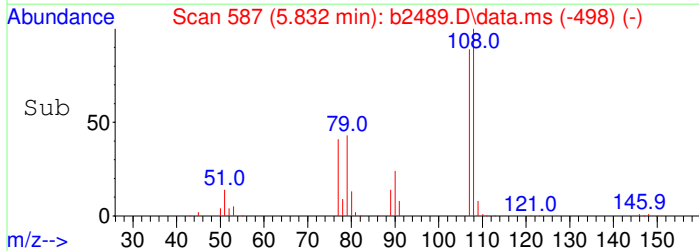
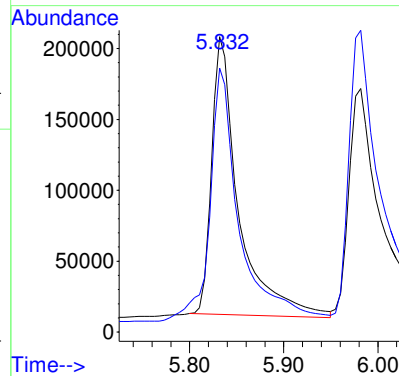
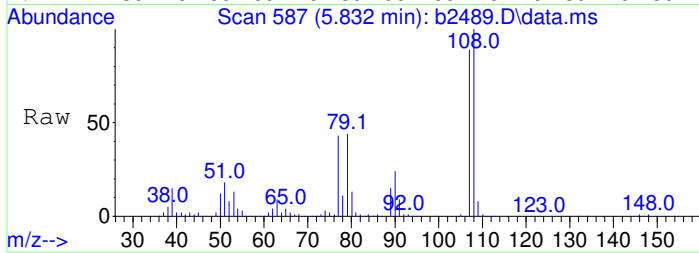
#14
1,2-Dichlorobenzene
Concen: 78.91 ug
RT: 5.682 min Scan# 559
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

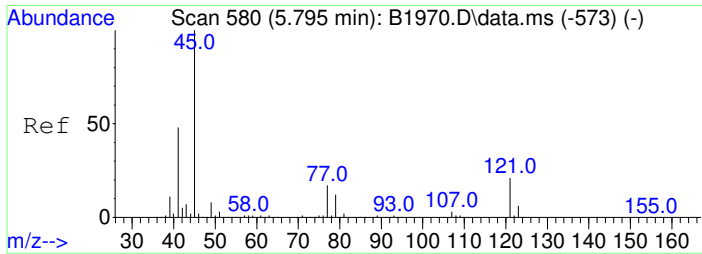
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
113	12.6	10.2	15.2



#15
2-Methylphenol
Concen: 73.02 ug
RT: 5.832 min Scan# 587
Delta R.T. -0.021 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

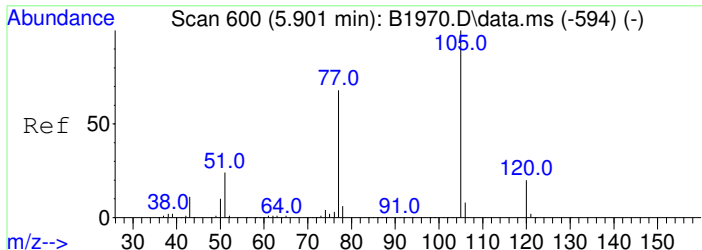
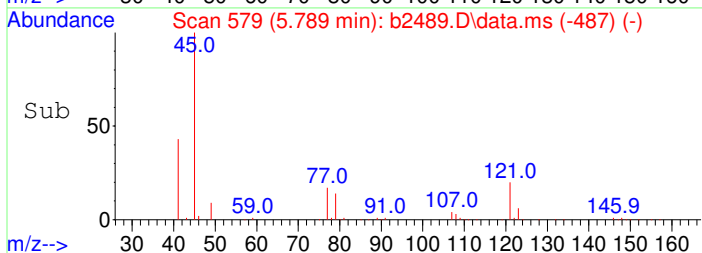
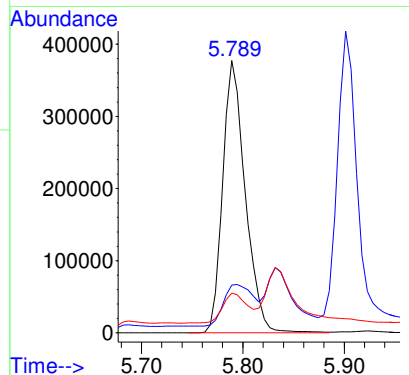
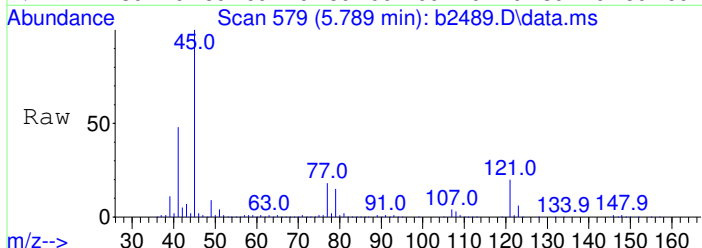
Tgt Ion	Ratio	Lower	Upper
108	100		
107	102.1	74.0	111.0





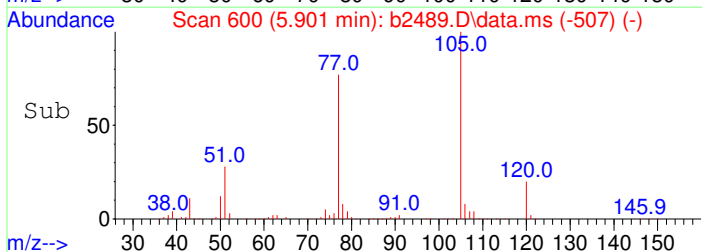
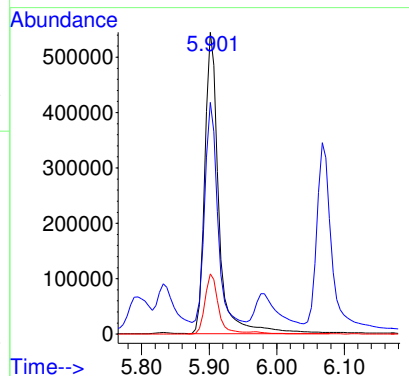
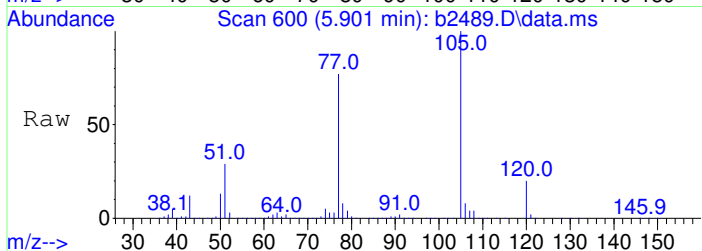
#16
bis(2-chloroisopropyl)
Concen: 82.36 ug
RT: 5.789 min Scan# 579
Delta R.T. -0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

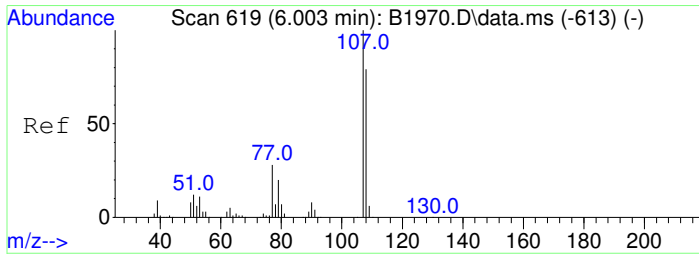
Tgt Ion	45	77	79
Resp	583992	20.4	11.7
Ratio	100	11.9	8.1
Lower			
Upper		17.9#	12.1



#17
Acetophenone
Concen: 79.61 ug
RT: 5.901 min Scan# 600
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

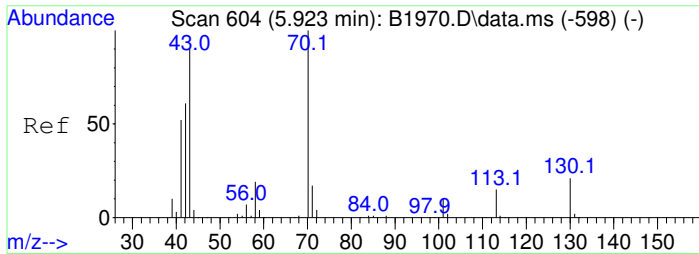
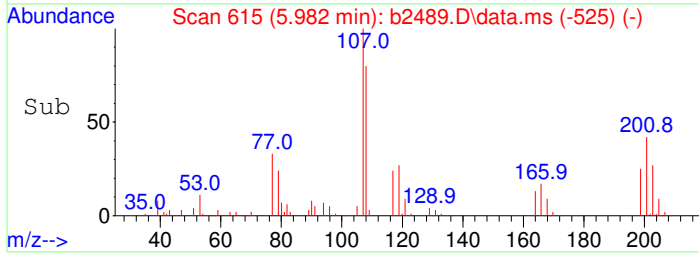
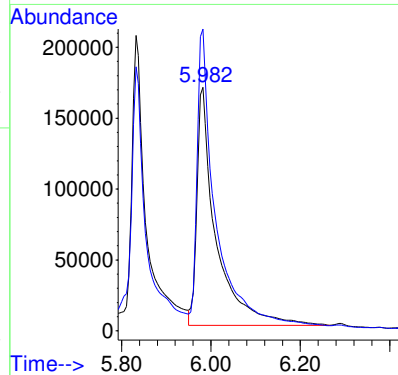
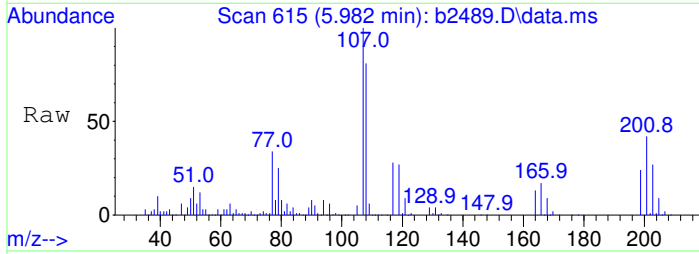
Tgt Ion	105	77	120
Resp	788402	72.9	19.0
Ratio	100	63.0	16.1
Lower			
Upper		94.4	24.1





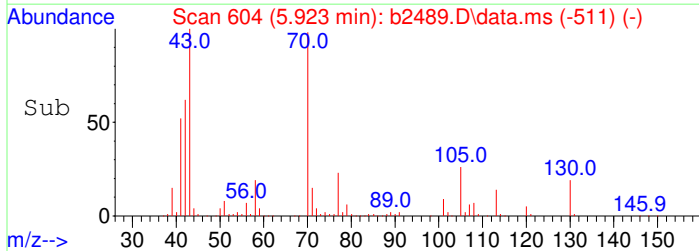
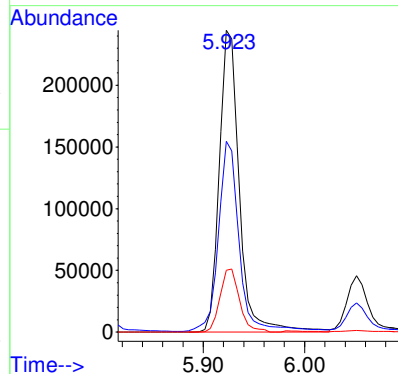
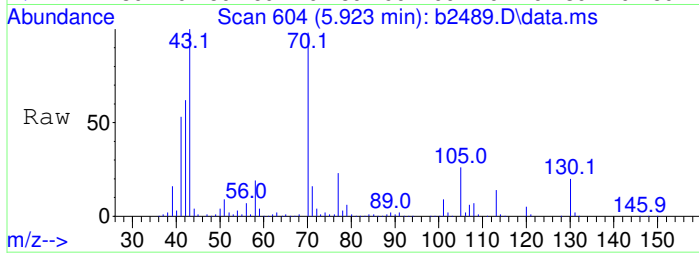
#18
4-Methylphenol
Concen: 80.83 ug
RT: 5.982 min Scan# 615
Delta R.T. -0.016 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

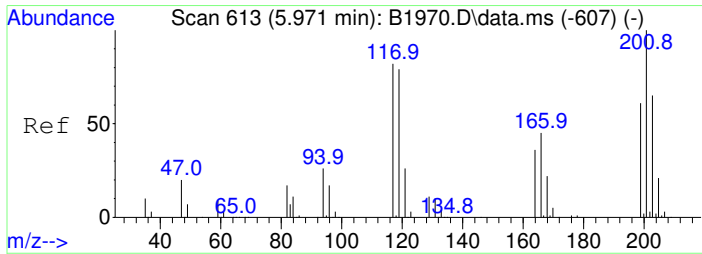
Tgt Ion: 108 Resp: 496596
Ion Ratio Lower Upper
108 100
107 120.0 100.8 151.2



#19
n-Nitroso-di-n-propyla
Concen: 80.11 ug
RT: 5.923 min Scan# 604
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

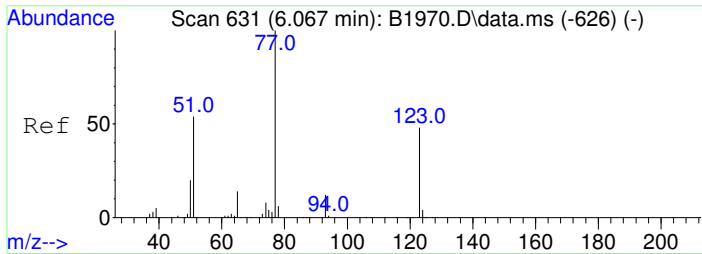
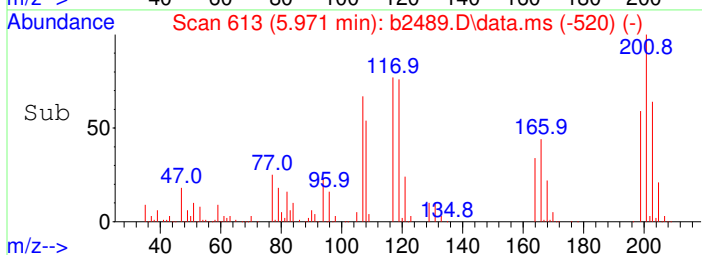
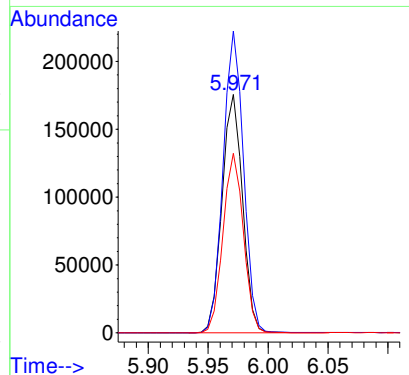
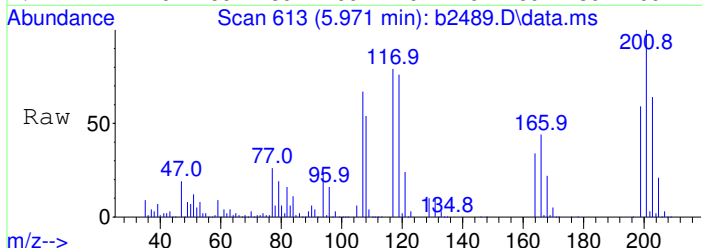
Tgt Ion: 70 Resp: 336038
Ion Ratio Lower Upper
70 100
42 64.6 55.4 83.2
130 20.3 16.2 24.4





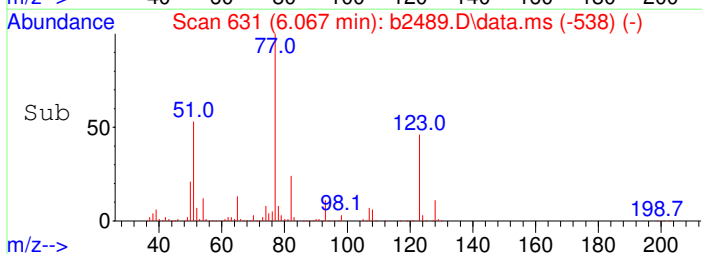
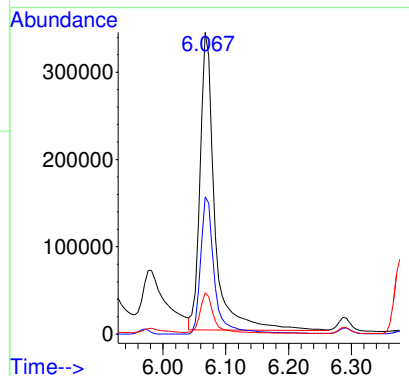
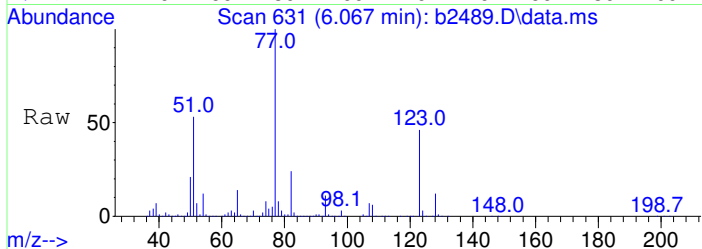
#20
Hexachloroethane
Concen: 81.35 ug
RT: 5.971 min Scan# 613
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

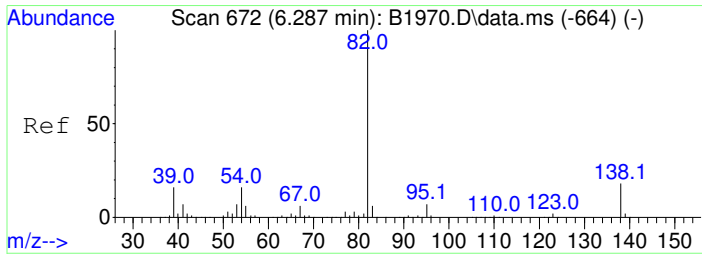
Tgt Ion:	117	Resp:	210599
Ion Ratio	Lower	Upper	
117	100		
201	125.4	100.1	150.1
199	74.4	60.1	90.1



#23
Nitrobenzene
Concen: 82.00 ug
RT: 6.067 min Scan# 631
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

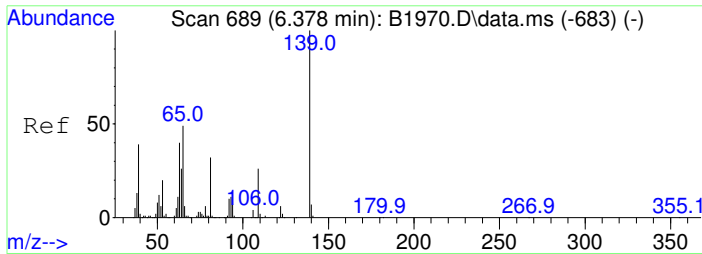
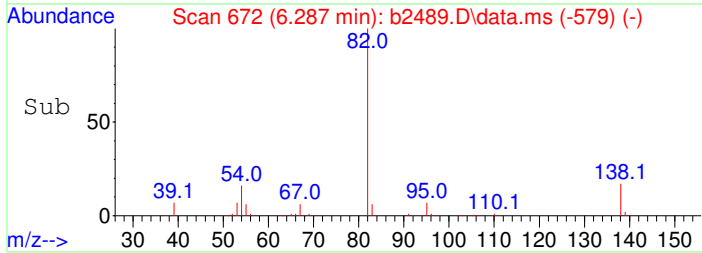
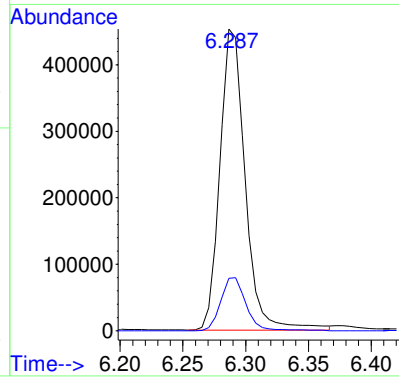
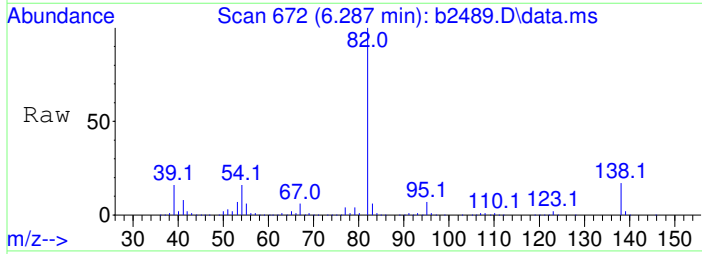
Tgt Ion:	77	Resp:	556824
Ion Ratio	Lower	Upper	
77	100		
123	44.7	35.2	52.8
65	13.4	11.2	16.8





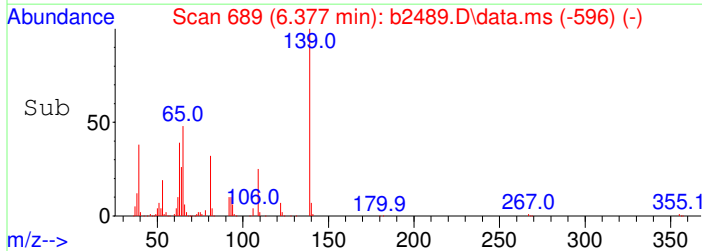
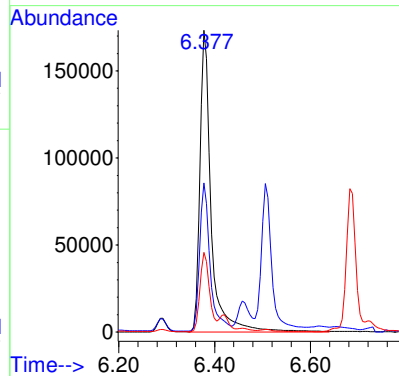
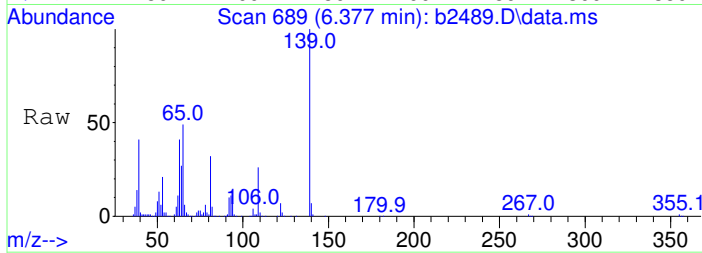
#24
Isophorone
Concen: 79.20 ug
RT: 6.287 min Scan# 672
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

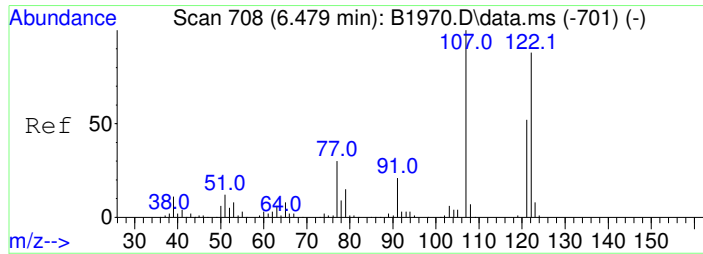
Tgt Ion	82	138	Resp	634040	Lower	Upper
Ion Ratio	100	17.8			14.2	21.2



#25
2-Nitrophenol
Concen: 81.55 ug
RT: 6.377 min Scan# 689
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

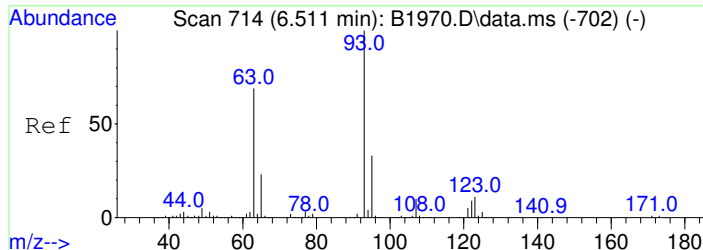
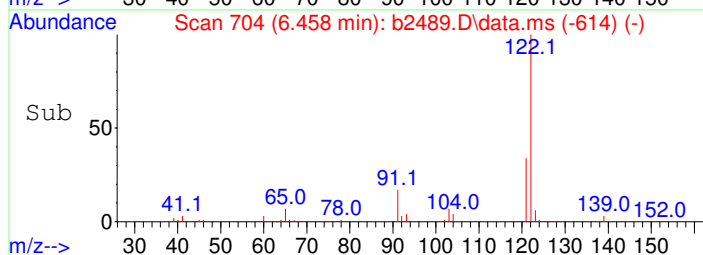
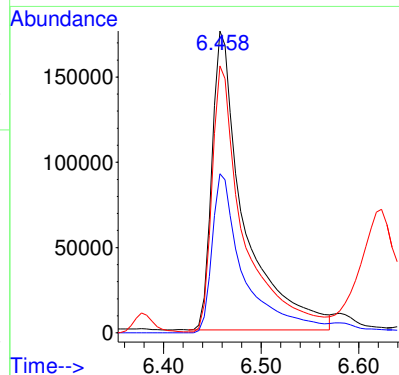
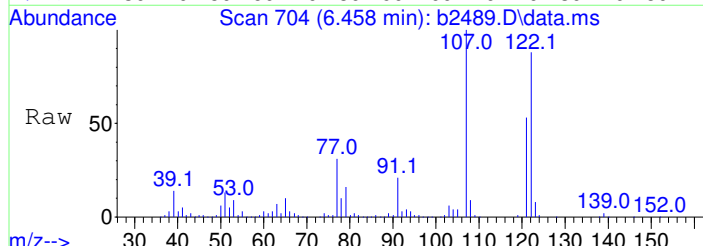
Tgt Ion	139	65	109	Resp	284393	Lower	Upper
Ion Ratio	100	45.3	22.3			39.7	59.5
						21.1	31.7





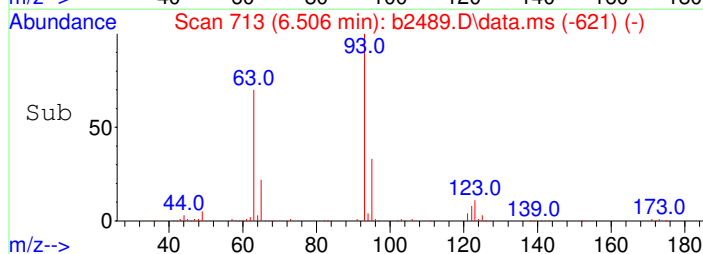
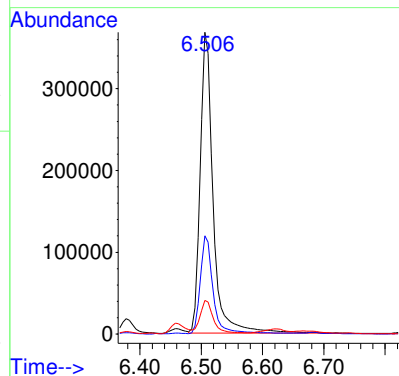
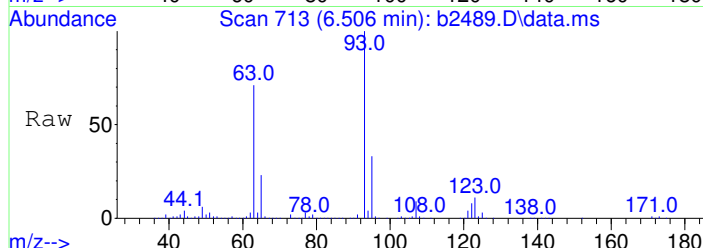
#26
2,4-Dimethylphenol
Concen: 75.63 ug
RT: 6.458 min Scan# 704
Delta R.T. -0.016 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

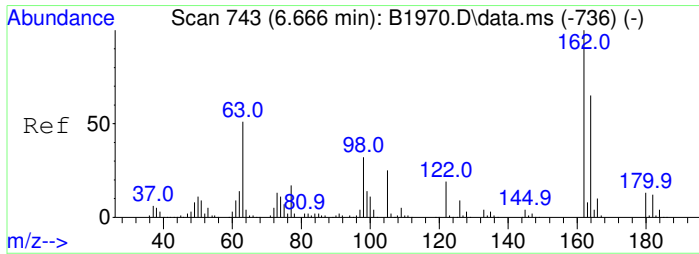
Tgt Ion	Ratio	Lower	Upper
107	100		
121	53.0	40.3	60.5
122	88.3	69.0	103.4



#27
bis(2-Chloroethoxy)met
Concen: 78.60 ug
RT: 6.506 min Scan# 713
Delta R.T. -0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

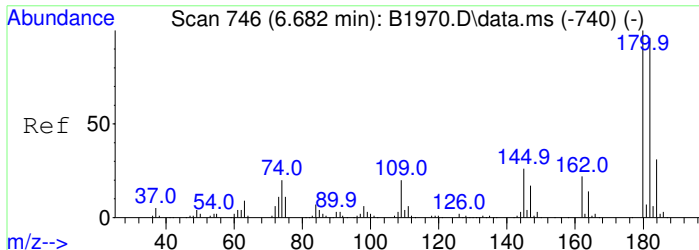
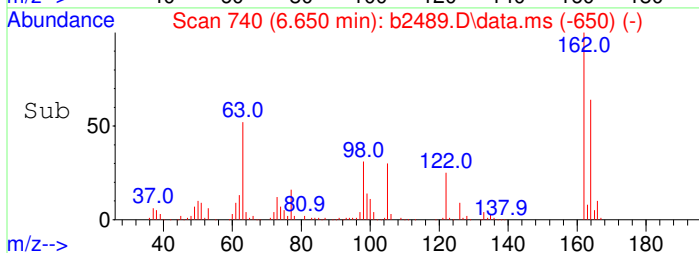
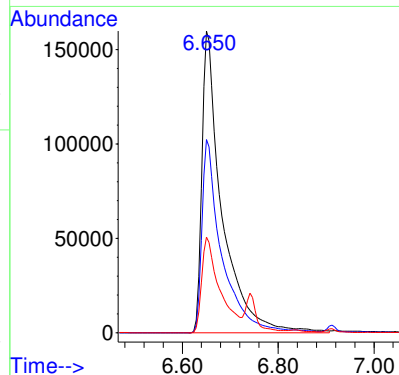
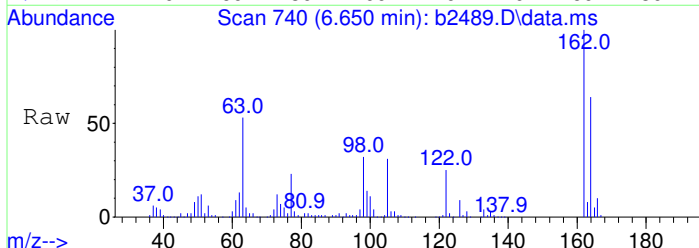
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.0	39.0
123	10.6	9.4	14.2





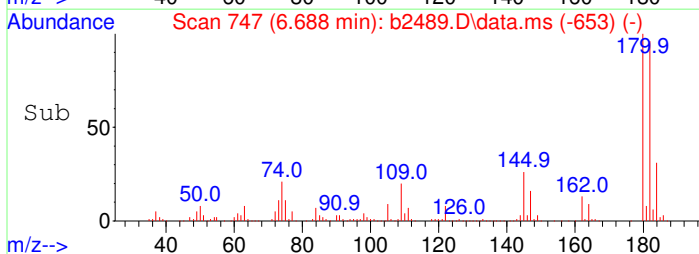
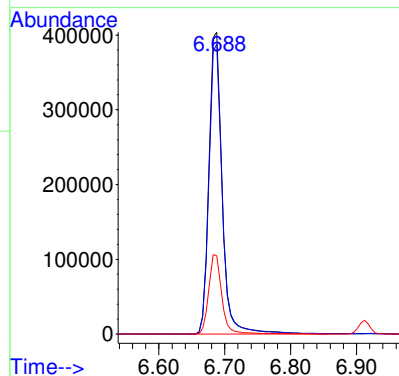
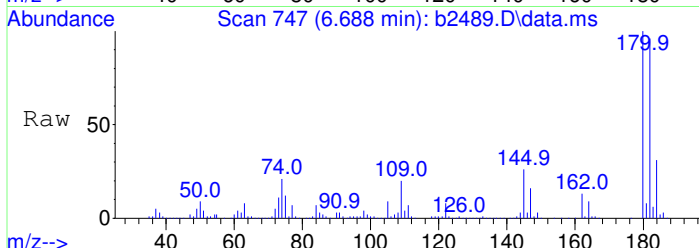
#28
 2,4-Dichlorophenol
 Concen: 79.87 ug
 RT: 6.650 min Scan# 740
 Delta R.T. -0.016 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

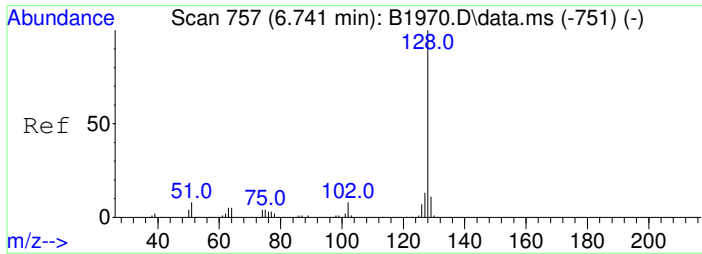
Tgt Ion:162	Resp:	465704
Ion Ratio	Lower	Upper
162	100	
164	63.6	51.4 77.2
98	28.8	25.7 38.5



#29
 1,2,4-Trichlorobenzene
 Concen: 79.87 ug
 RT: 6.688 min Scan# 747
 Delta R.T. 0.005 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

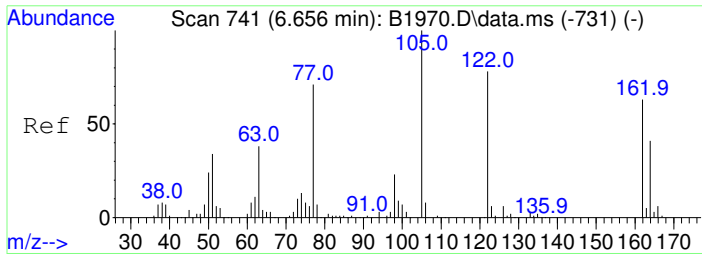
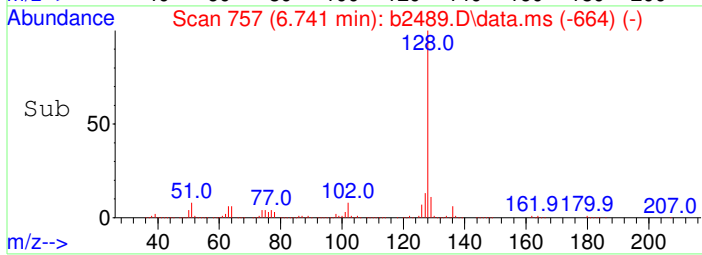
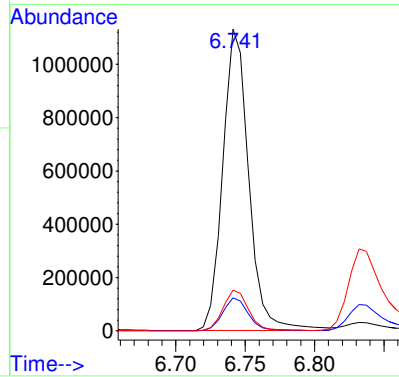
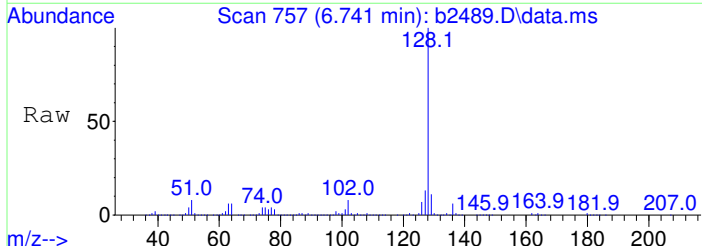
Tgt Ion:180	Resp:	568261
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.3 115.9
145	26.3	21.0 31.6





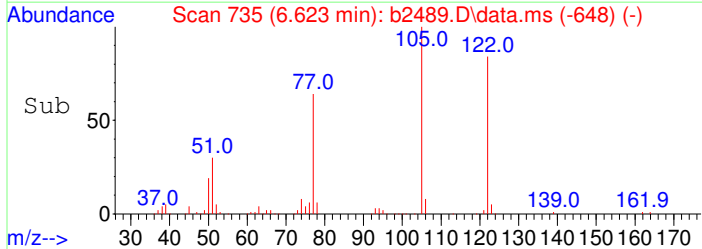
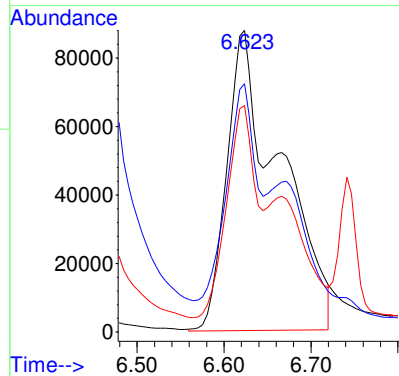
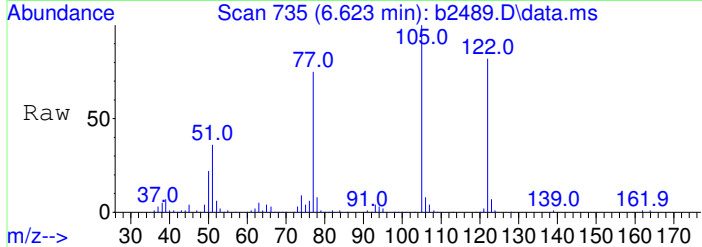
#30
Naphthalene
Concen: 78.98 ug
RT: 6.741 min Scan# 757
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

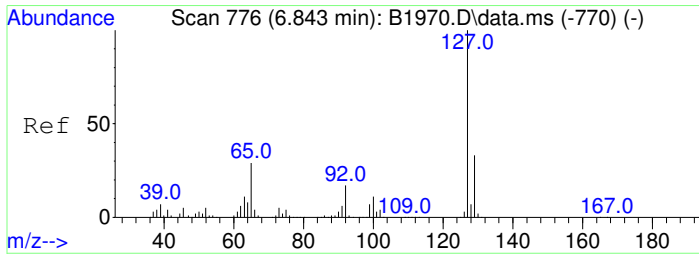
Tgt	Ion:128	Resp:	1482084
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.8	16.2



#31
Benzoic Acid
Concen: 100.16 ug m
RT: 6.623 min Scan# 735
Delta R.T. -0.032 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

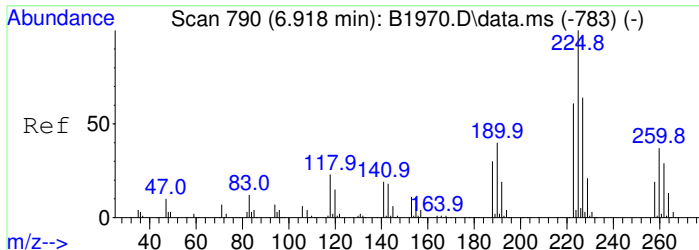
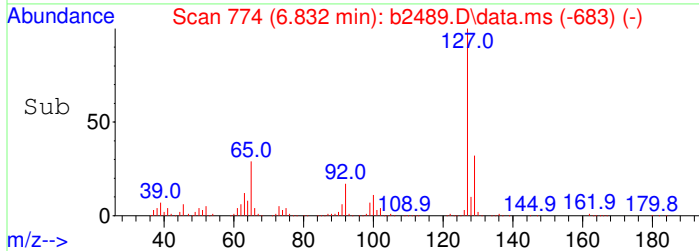
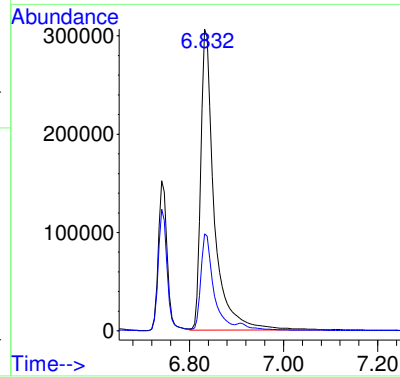
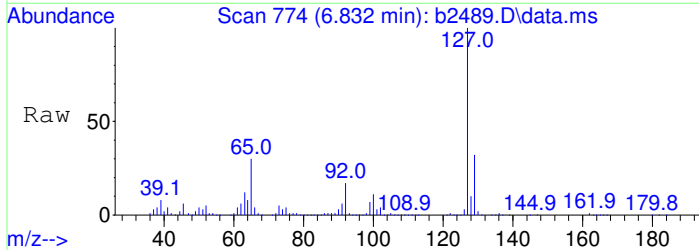
Tgt	Ion:105	Resp:	373253
Ion	Ratio	Lower	Upper
105	100		
122	39.1	65.7	98.5#
77	39.1	59.5	89.3#





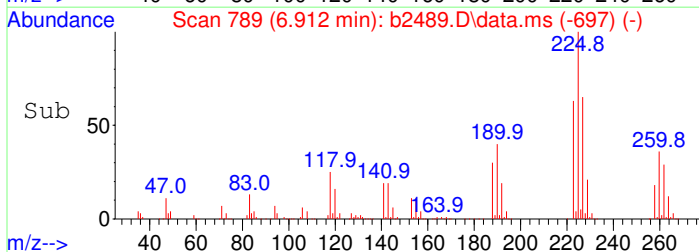
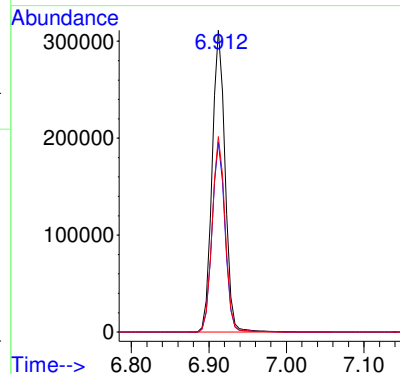
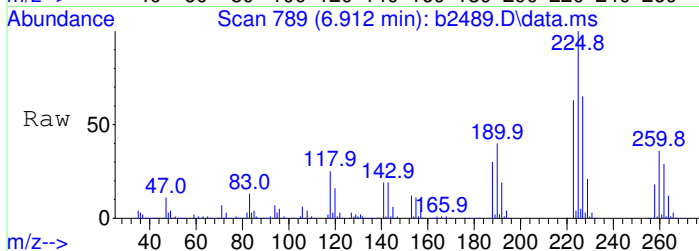
#32
4-Chloroaniline
Concen: 78.86 ug
RT: 6.832 min Scan# 774
Delta R.T. -0.011 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

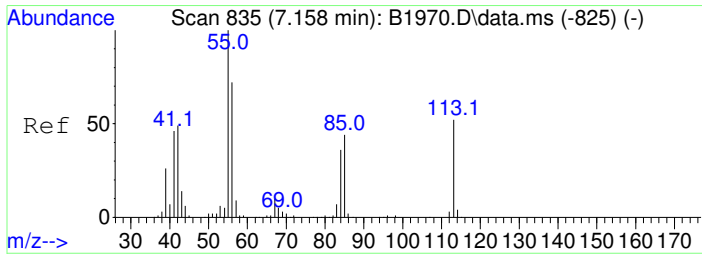
Tgt Ion	Resp	Lower	Upper
127	607429		
129	29.1	25.8	38.8



#33
Hexachlorobutadiene
Concen: 80.45 ug
RT: 6.912 min Scan# 789
Delta R.T. -0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

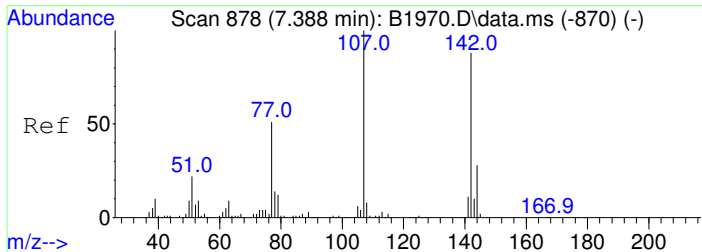
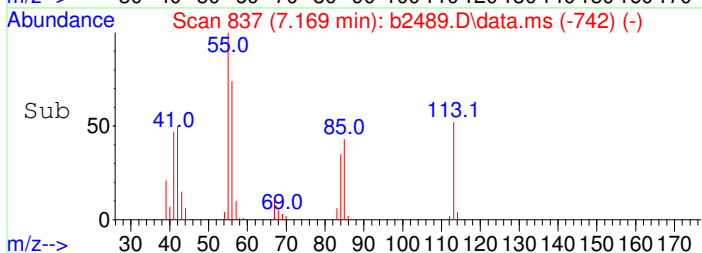
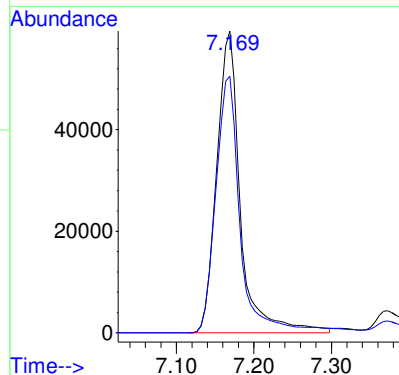
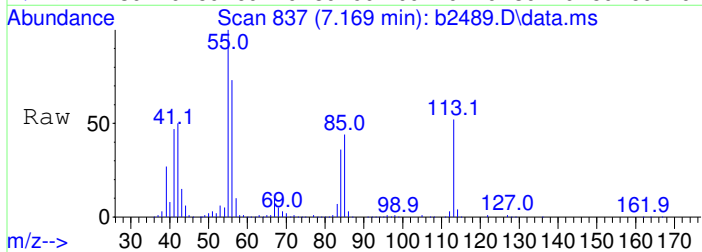
Tgt Ion	Resp	Lower	Upper
225	366351		
223	62.9	50.3	75.5
227	64.8	51.0	76.4





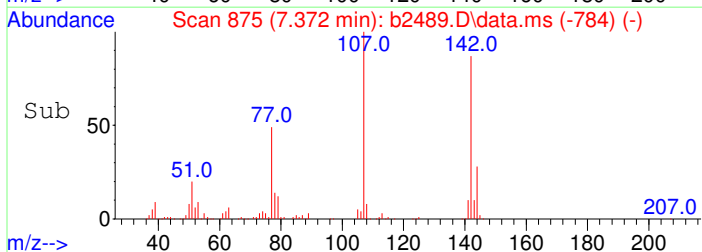
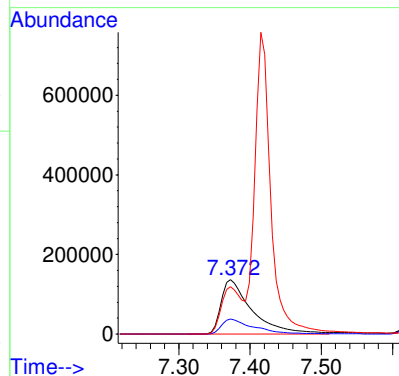
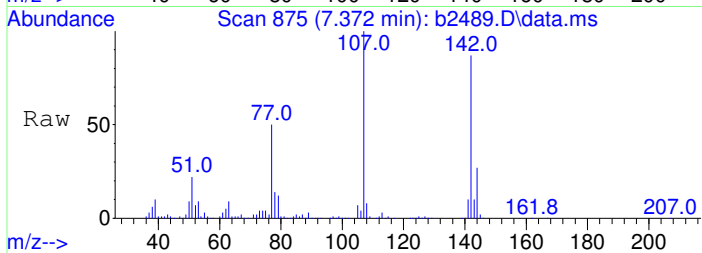
#34
 Capralactam
 Concen: 78.82 ug
 RT: 7.169 min Scan# 837
 Delta R.T. 0.011 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

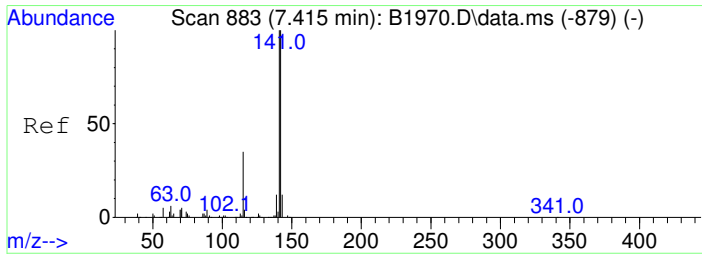
Tgt Ion	Ratio	Lower	Upper
113	100		
85	88.8	67.8	101.6



#35
 4-Chloro-3-methylphenol
 Concen: 77.90 ug
 RT: 7.372 min Scan# 875
 Delta R.T. -0.011 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

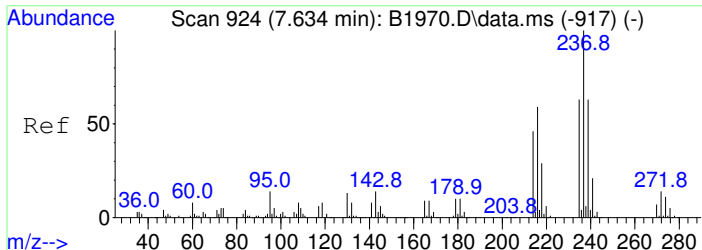
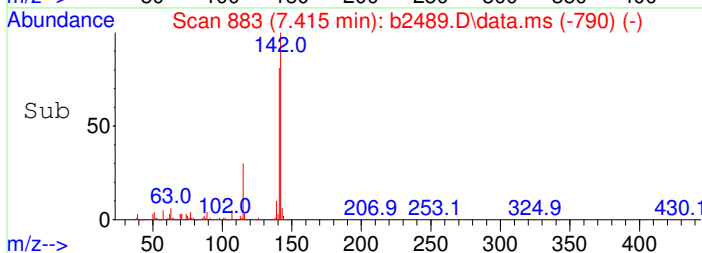
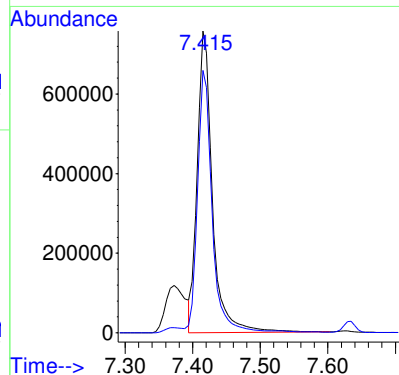
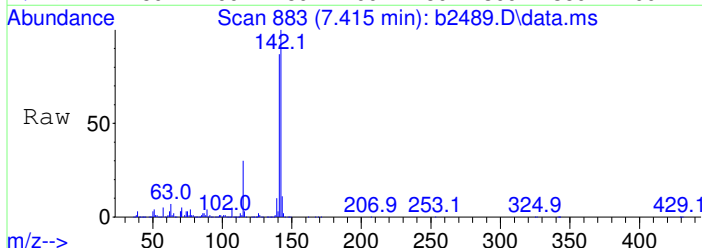
Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.9	25.2	37.8
142	59.2	553.0	829.6#





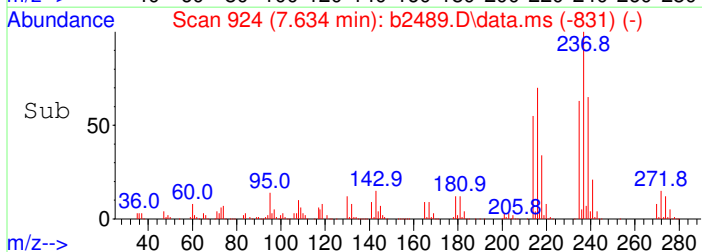
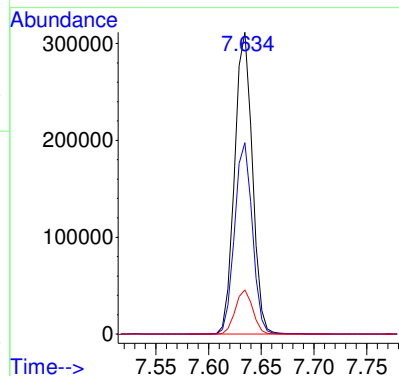
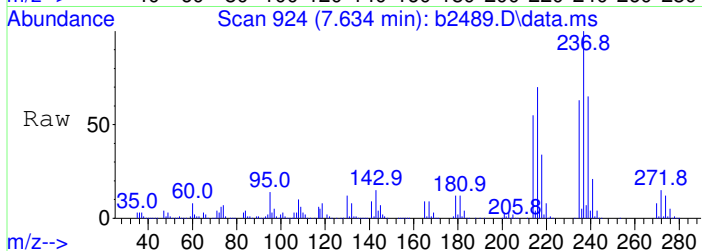
#36
2-Methylnaphthalene
Concen: 80.46 ug
RT: 7.415 min Scan# 883
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

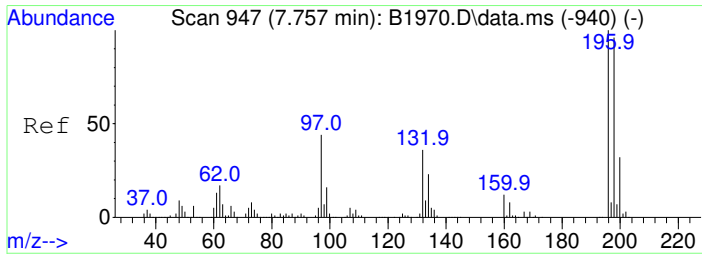
Tgt Ion:142 Resp: 1180224
Ion Ratio Lower Upper
142 100
141 81.6 65.0 97.4



#38
Hexachlorocyclopentadiene
Concen: 73.44 ug
RT: 7.634 min Scan# 924
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

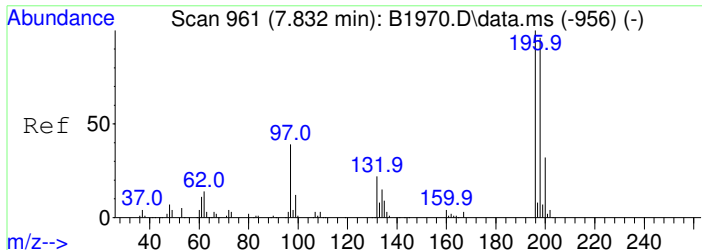
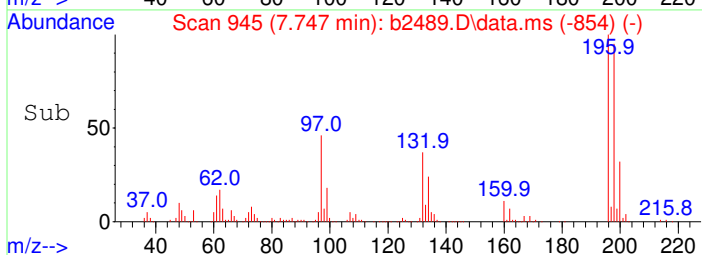
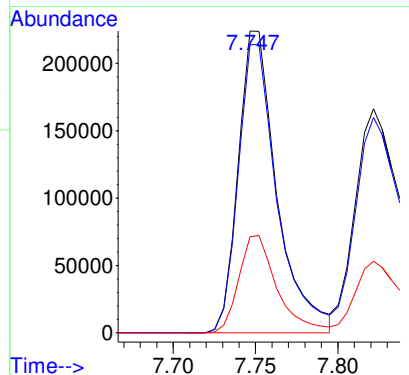
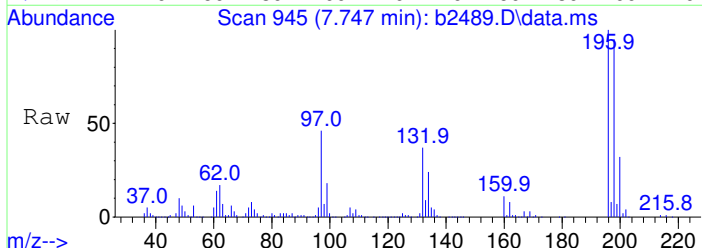
Tgt Ion:237 Resp: 365162
Ion Ratio Lower Upper
237 100
235 63.3 50.7 76.1
272 14.3 10.9 16.3





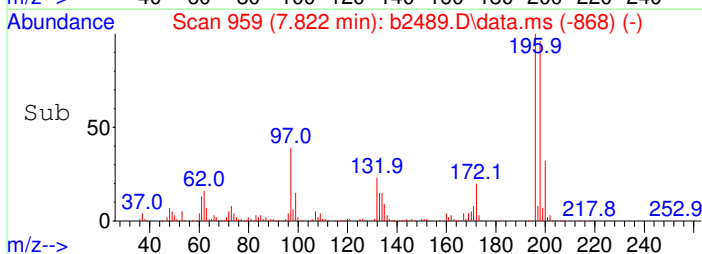
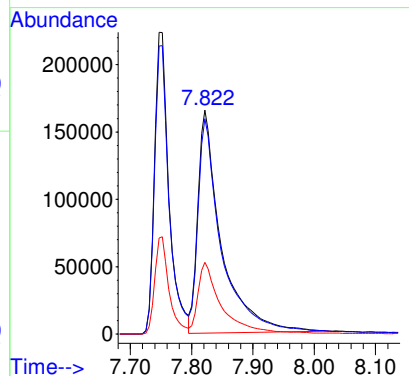
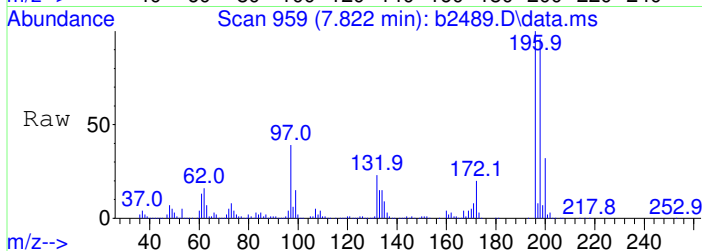
#39
2,4,6-Trichlorophenol
Concen: 75.76 ug
RT: 7.747 min Scan# 945
Delta R.T. -0.011 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

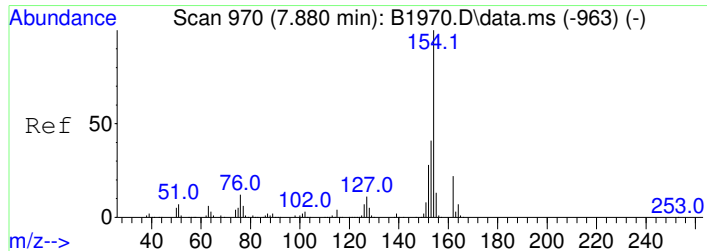
Tgt	Ion:196	Resp:	366130
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.6	113.4
200	31.9	25.0	37.6



#40
2,4,5-Trichlorophenol
Concen: 78.03 ug
RT: 7.822 min Scan# 959
Delta R.T. -0.011 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

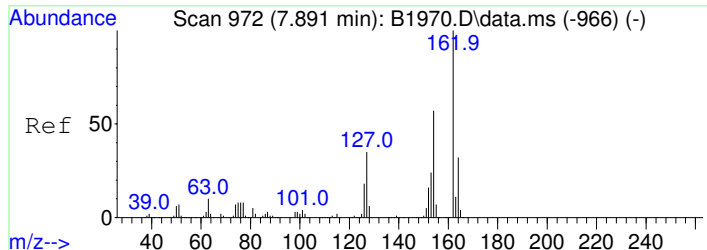
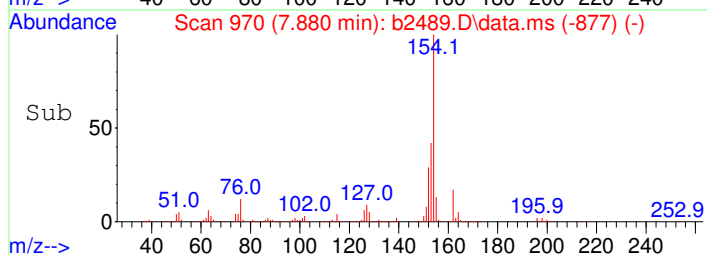
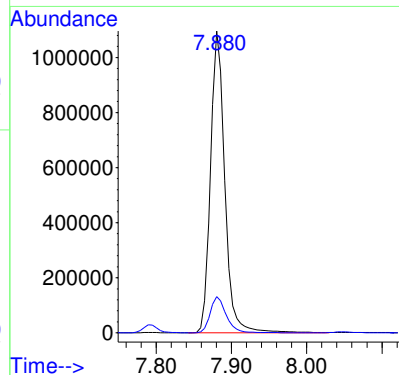
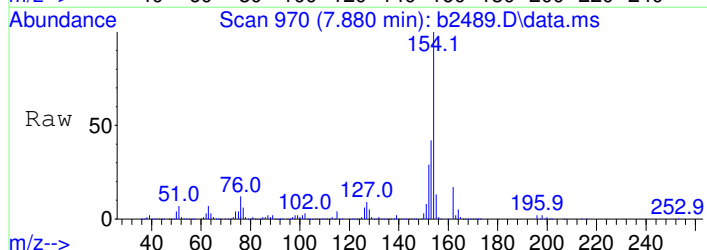
Tgt	Ion:196	Resp:	439418
Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.8	113.8
200	31.5	25.0	37.4





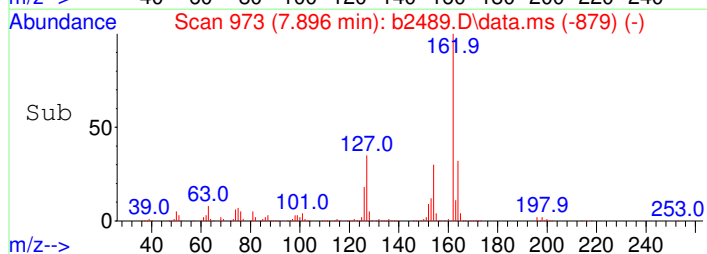
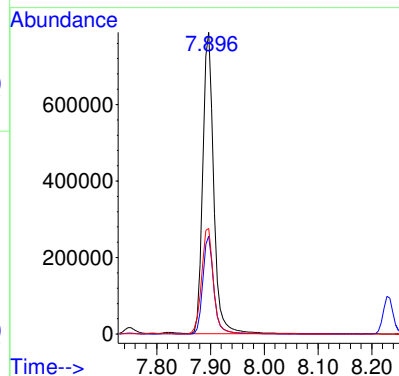
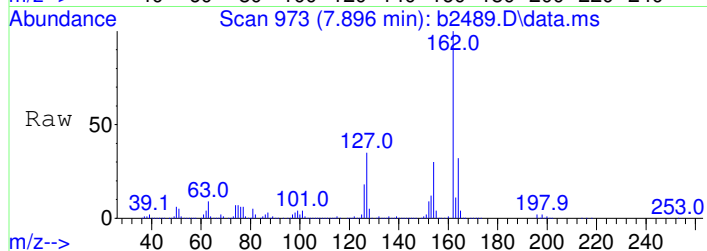
#41
Biphenyl
Concen: 76.82 ug
RT: 7.880 min Scan# 970
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

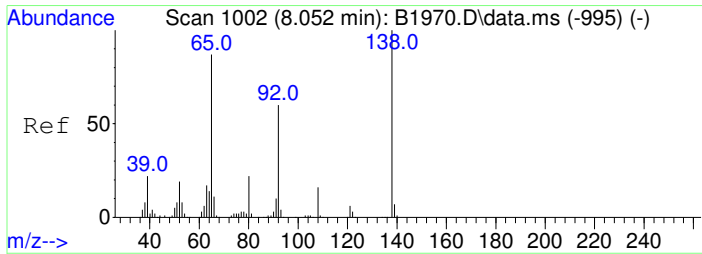
Tgt Ion	154	76
Ion Ratio	100	13.4
Lower		7.5
Upper		11.3#



#43
2-Chloronaphthalene
Concen: 77.73 ug
RT: 7.896 min Scan# 973
Delta R.T. 0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

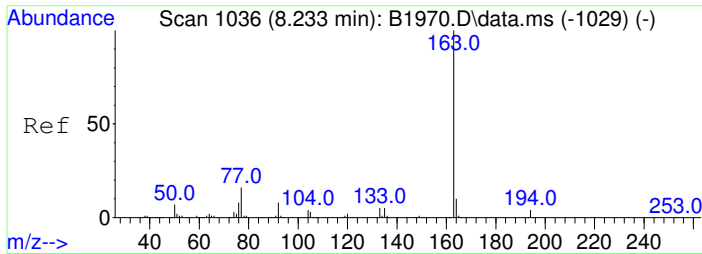
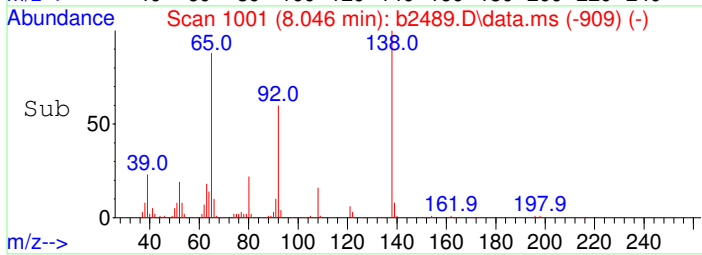
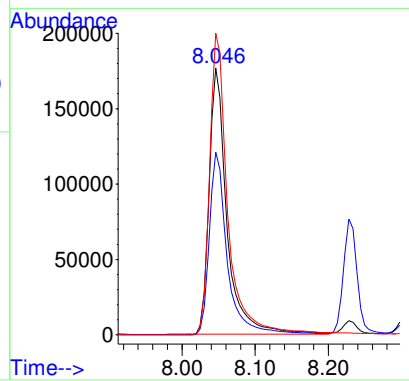
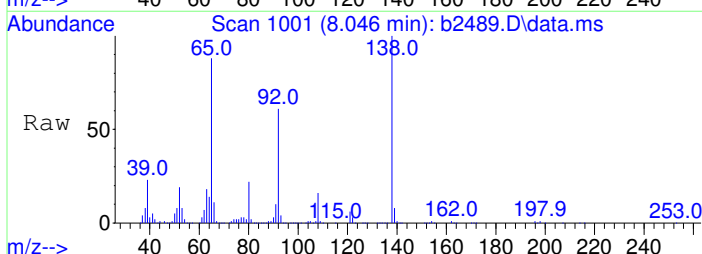
Tgt Ion	162	164	127
Ion Ratio	100	32.3	38.2
Lower		26.9	29.1
Upper		40.3	43.7





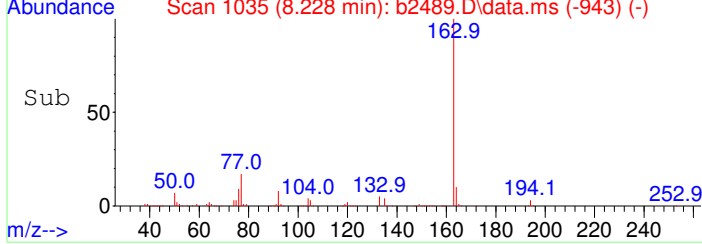
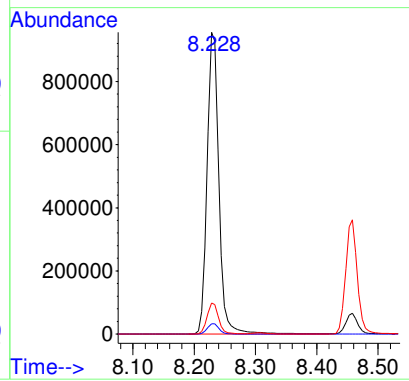
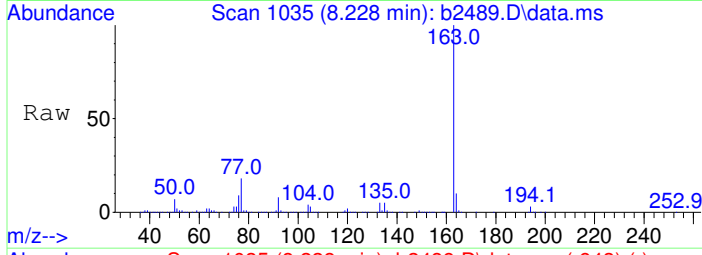
#44
 2-Nitroaniline
 Concen: 78.60 ug
 RT: 8.046 min Scan# 1001
 Delta R.T. -0.005 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

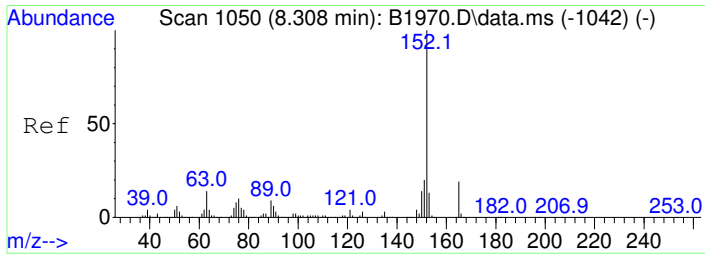
Tgt Ion:	65	Resp:	301403
Ion Ratio	Lower	Upper	
65	100		
92	69.5	59.8	89.8
138	117.2	122.2	183.4#



#45
 Dimethylphthalate
 Concen: 78.89 ug
 RT: 8.228 min Scan# 1035
 Delta R.T. -0.005 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

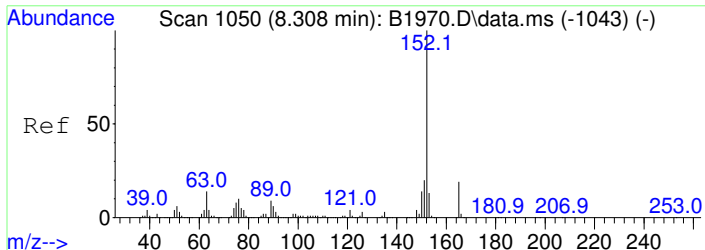
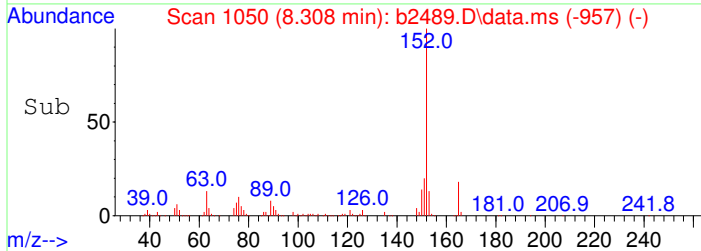
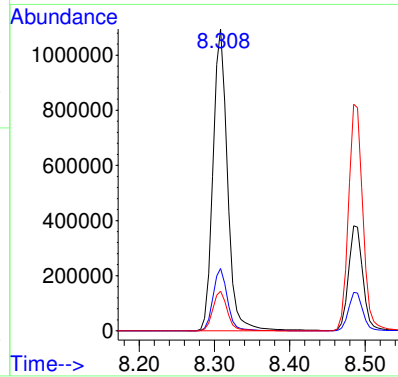
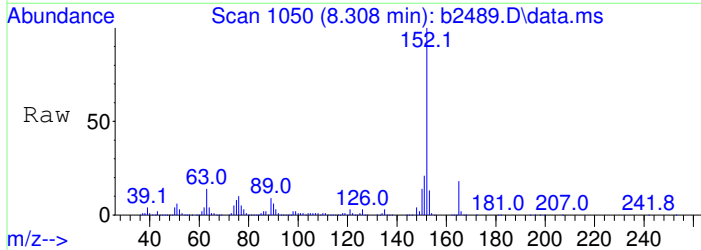
Tgt Ion:	163	Resp:	1281999
Ion Ratio	Lower	Upper	
163	100		
194	3.5	5.7	8.5#
164	10.0	8.2	12.2





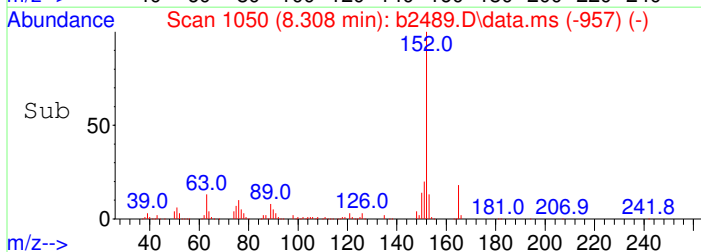
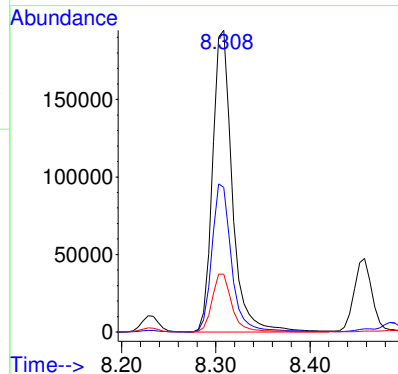
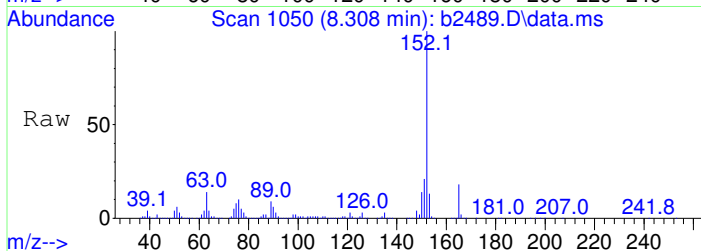
#46
Acenaphthylene
Concen: 77.54 ug
RT: 8.308 min Scan# 1050
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

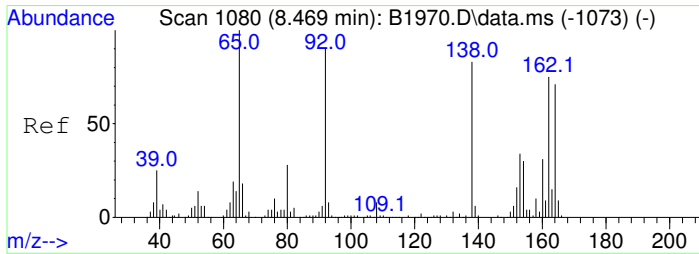
Tgt Ion:152 Resp: 1472377
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 13.1 10.7 16.1



#47
2,6-Dinitrotoluene
Concen: 80.46 ug
RT: 8.308 min Scan# 1050
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

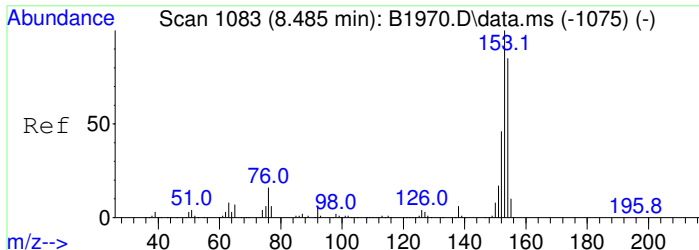
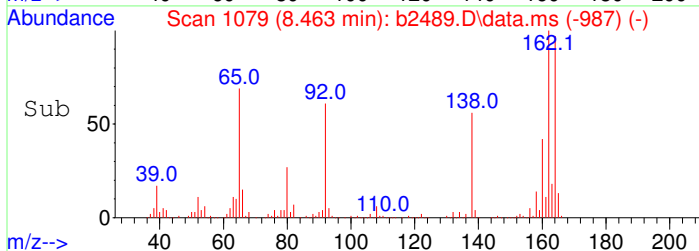
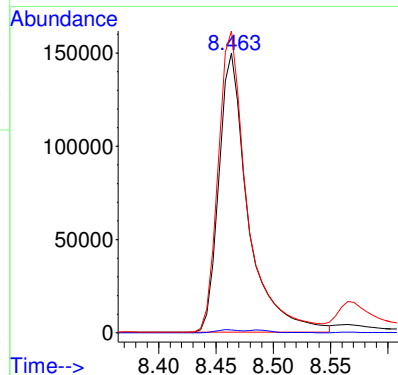
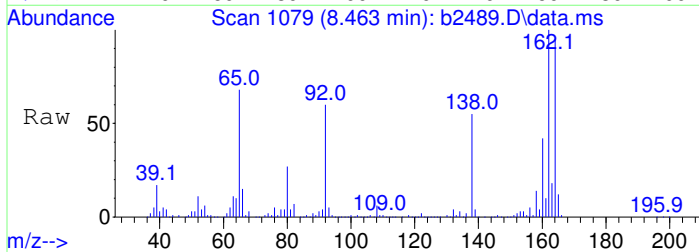
Tgt Ion:165 Resp: 283712
Ion Ratio Lower Upper
165 100
89 49.2 38.0 57.0
121 19.1 15.6 23.4





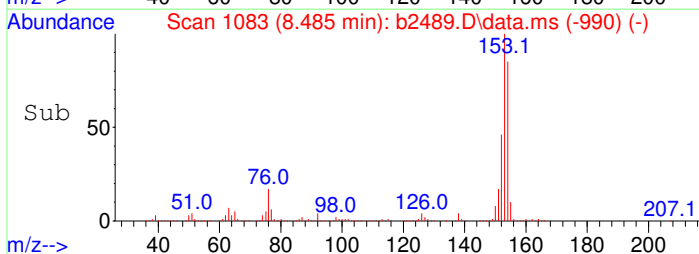
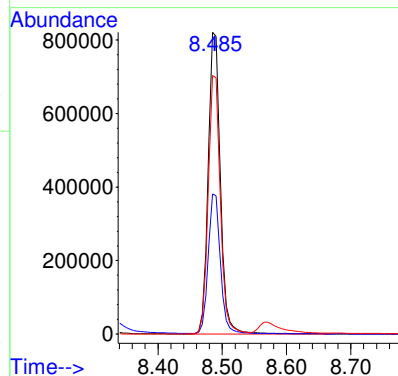
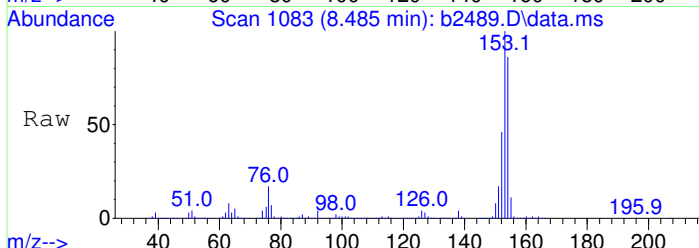
#48
3-Nitroaniline
Concen: 74.64 ug
RT: 8.463 min Scan# 1079
Delta R.T. -0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

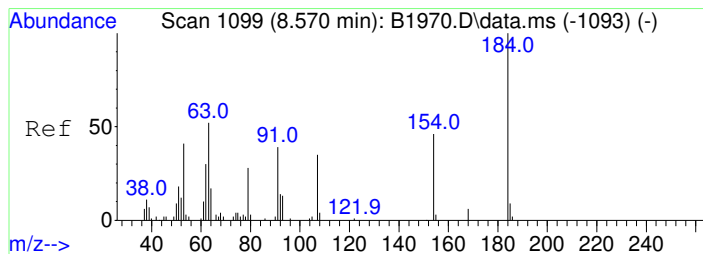
Tgt Ion:138	Resp:	266705
Ion Ratio	Lower	Upper
138	100	
109	0.0	1.2 1.8#
92	107.6	44.2 66.2#



#49
Acenaphthene
Concen: 78.65 ug
RT: 8.485 min Scan# 1083
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

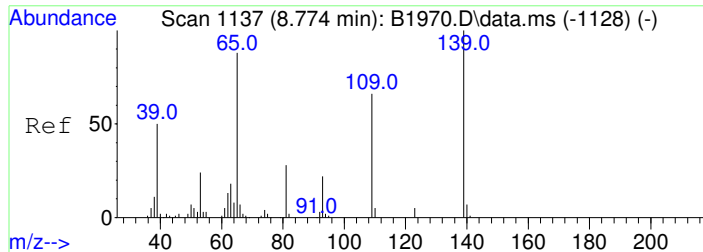
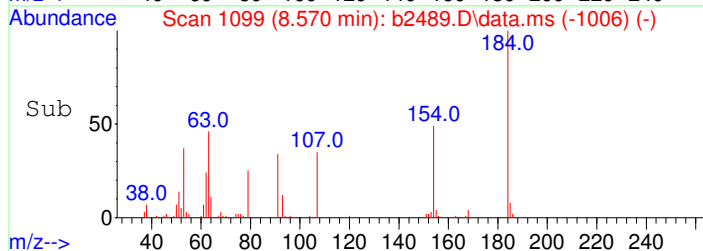
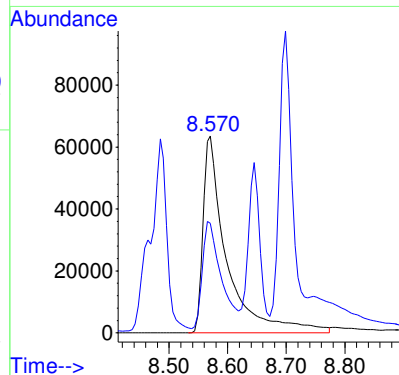
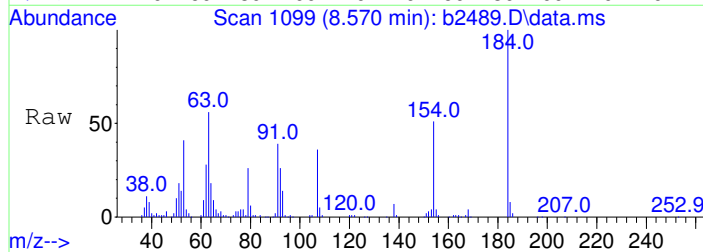
Tgt Ion:153	Resp:	1088035
Ion Ratio	Lower	Upper
153	100	
152	46.9	37.8 56.8
154	85.2	74.1 111.1





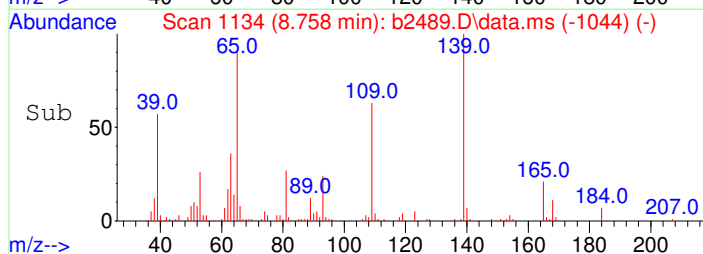
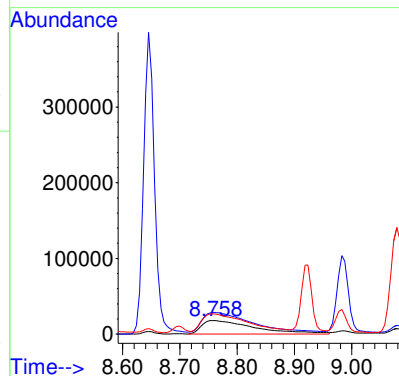
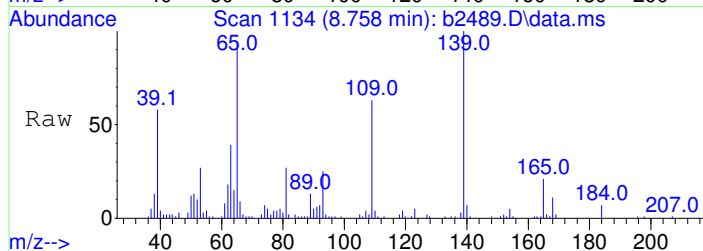
#50
 2,4-Dinitrophenol
 Concen: 97.25 ug
 RT: 8.570 min Scan# 1099
 Delta R.T. 0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

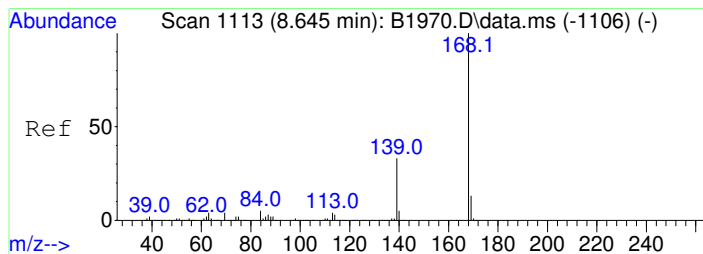
Tgt Ion	Ratio	Lower	Upper
184	100		
63	42.7	46.2	69.4#



#51
 4-Nitrophenol
 Concen: 68.86 ug
 RT: 8.758 min Scan# 1134
 Delta R.T. -0.016 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

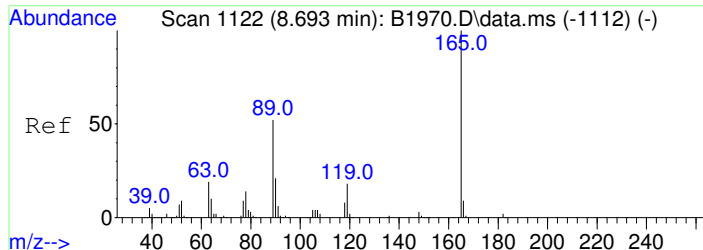
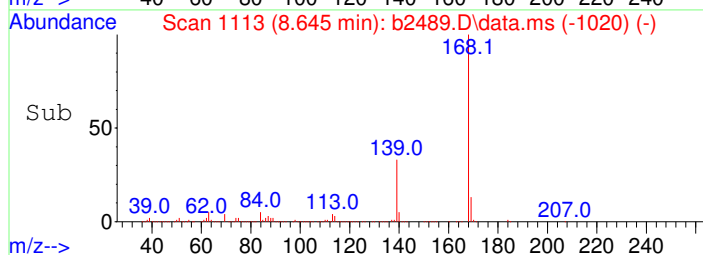
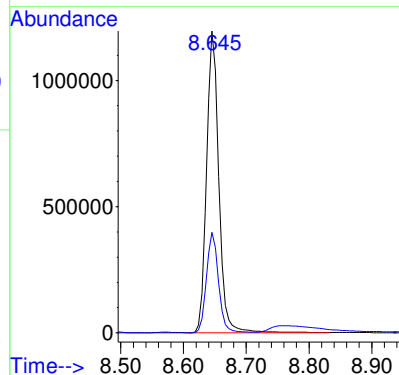
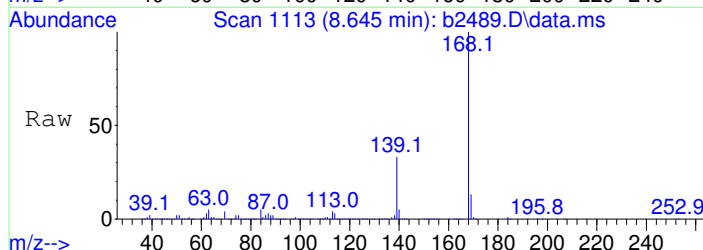
Tgt Ion	Ratio	Lower	Upper
109	100		
139	159.9	122.6	183.8
65	109.2	122.6	184.0#





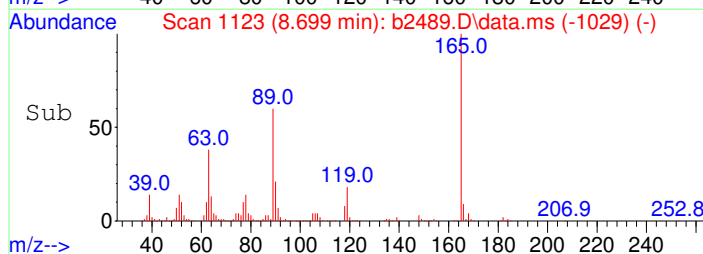
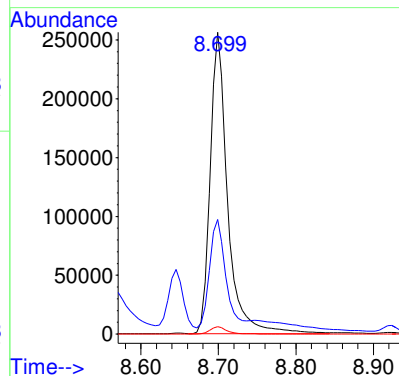
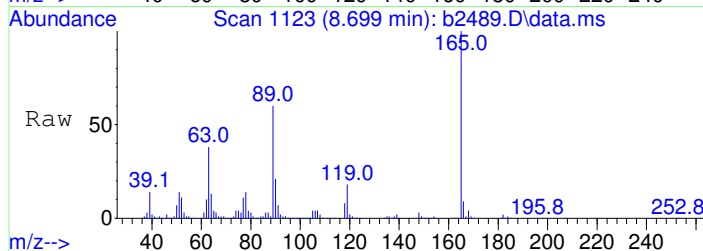
#52
Dibenzenofuran
Concen: 78.00 ug
RT: 8.645 min Scan# 1113
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

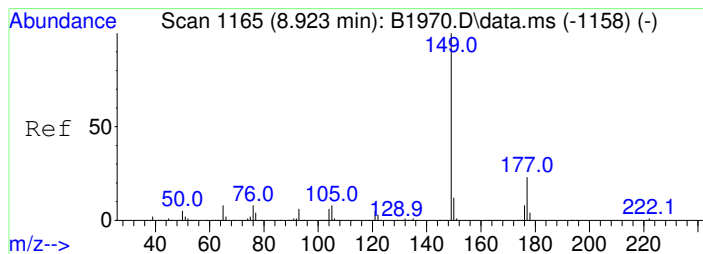
Tgt Ion:168 Resp: 1617714
Ion Ratio Lower Upper
168 100
139 32.9 30.5 45.7



#53
2,4-Dinitrotoluene
Concen: 80.70 ug
RT: 8.699 min Scan# 1123
Delta R.T. 0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

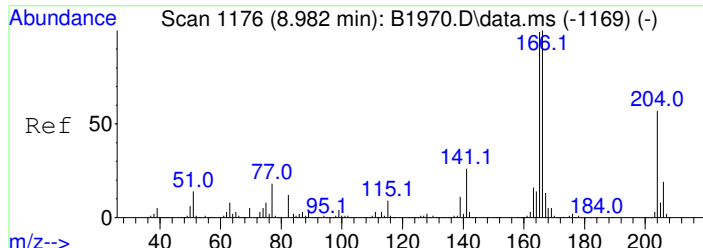
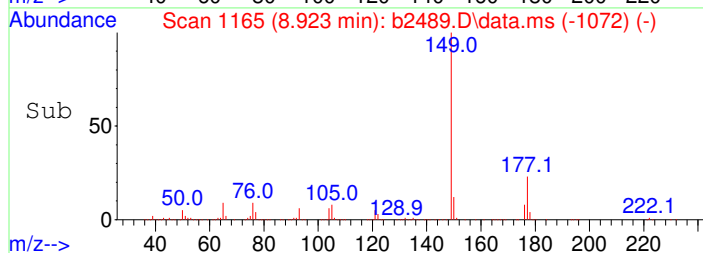
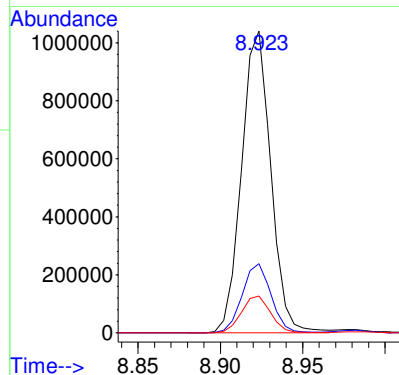
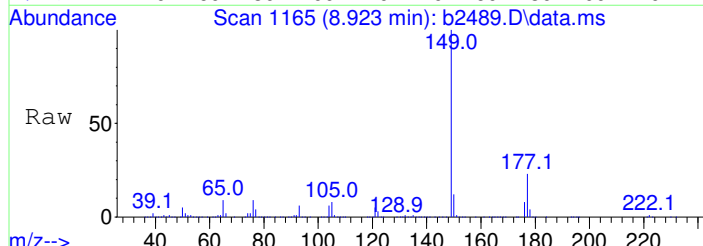
Tgt Ion:165 Resp: 404389
Ion Ratio Lower Upper
165 100
63 33.1 29.4 44.0
182 0.0 4.5 6.7#





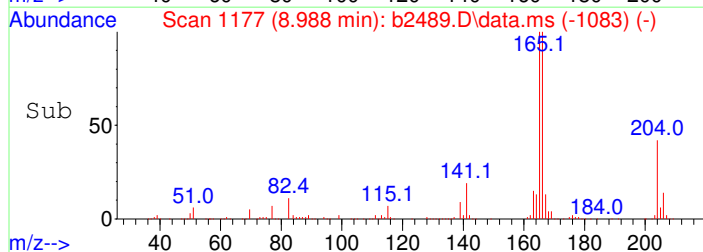
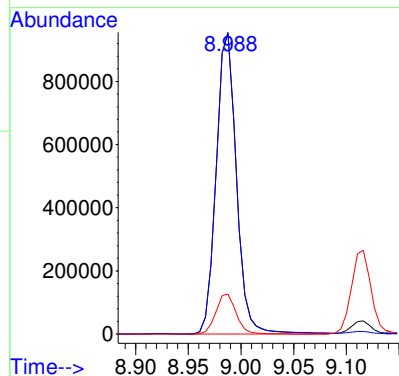
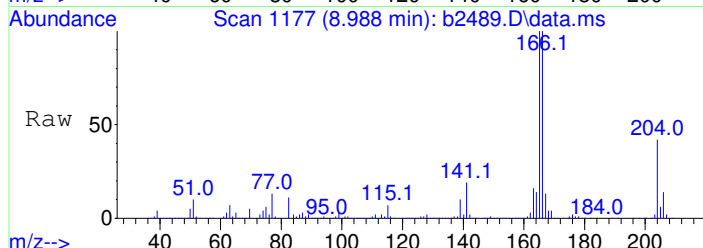
#54
Diethylphthalate
Concen: 79.30 ug
RT: 8.923 min Scan# 1165
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

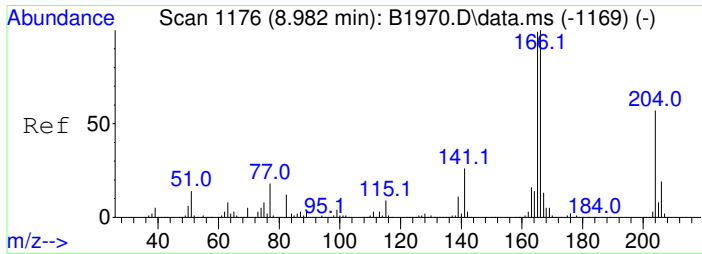
Tgt Ion:149	Resp: 1284680
Ion Ratio	Lower Upper
149	100
177	22.7 19.8 29.8
150	12.3 10.0 15.0



#55
Fluorene
Concen: 78.74 ug
RT: 8.988 min Scan# 1177
Delta R.T. 0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

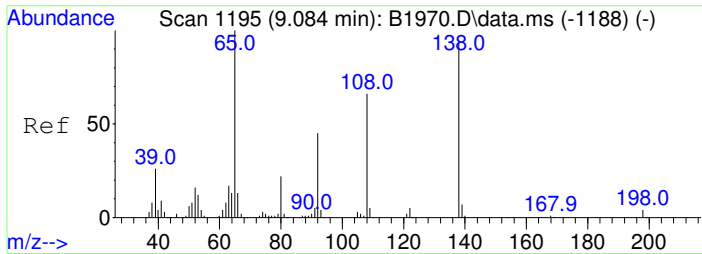
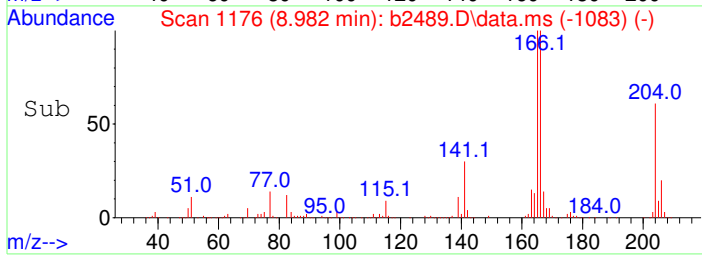
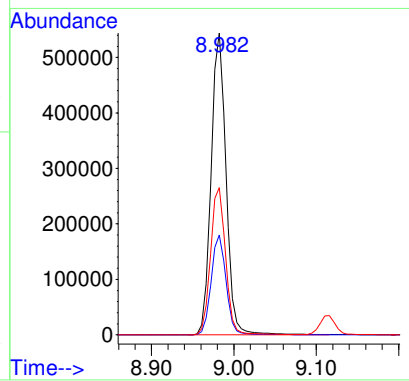
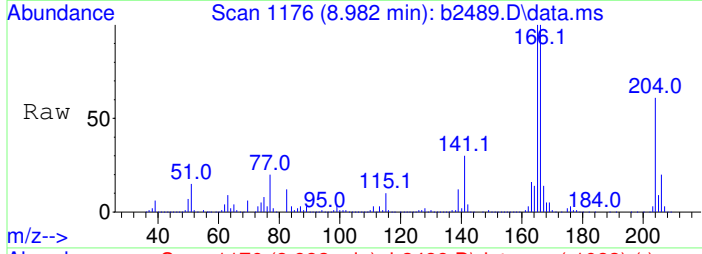
Tgt Ion:166	Resp: 1274188
Ion Ratio	Lower Upper
166	100
165	100.1 75.2 112.8
167	13.4 11.4 17.0





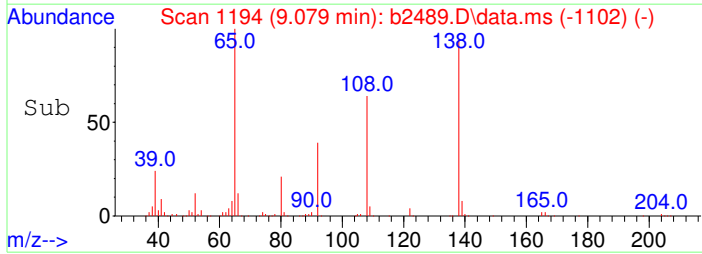
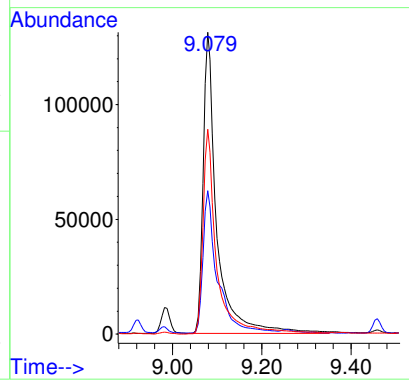
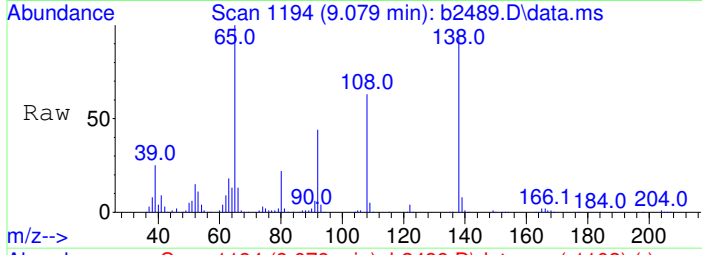
#56
 4-Chlorophenyl-phenyle
 Concen: 78.09 ug
 RT: 8.982 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

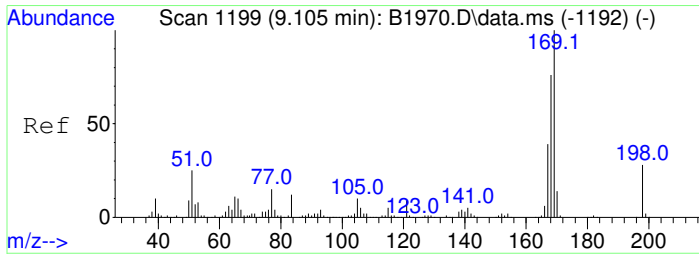
Tgt Ion:204	Resp:	686497
Ion Ratio	Lower	Upper
204	100	
206	33.2	27.0 40.4
141	49.3	40.8 61.2



#57
 4-Nitroaniline
 Concen: 78.97 ug
 RT: 9.079 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

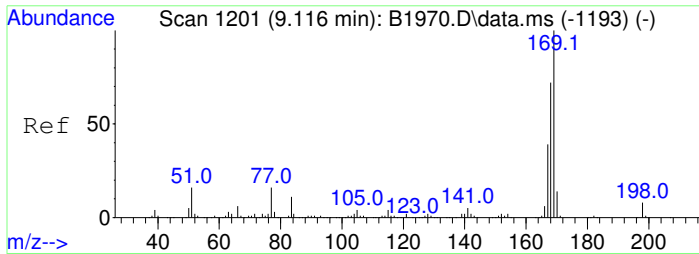
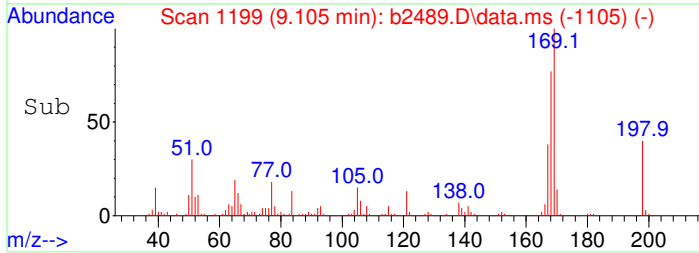
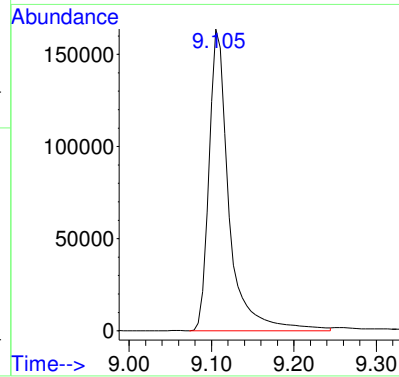
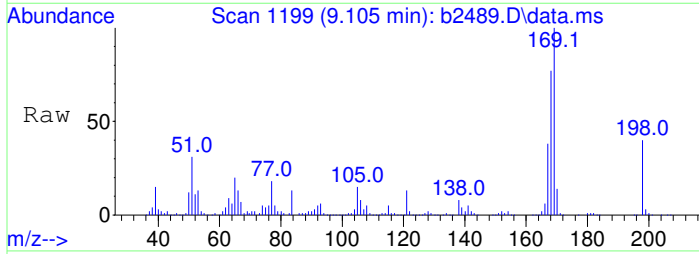
Tgt Ion:138	Resp:	279790
Ion Ratio	Lower	Upper
138	100	
92	49.8	32.2 48.2#
108	69.0	60.6 90.8





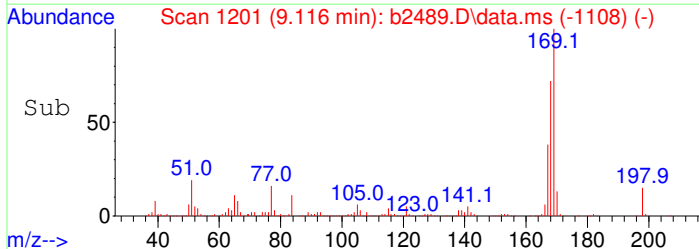
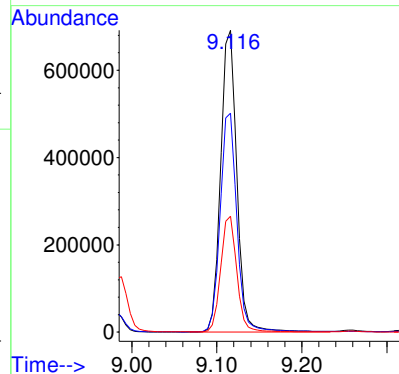
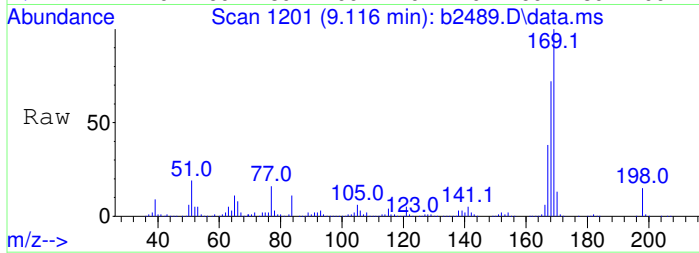
#59
 4,6-Dinitro-2-methylph
 Concen: 93.90 ug
 RT: 9.105 min Scan# 1199
 Delta R.T. 0.005 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

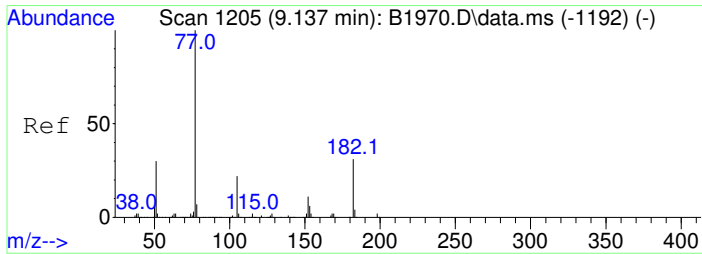
Tgt Ion:198 Resp: 278794



#60
 n-Nitrosodiphenylamine
 Concen: 77.03 ug
 RT: 9.116 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

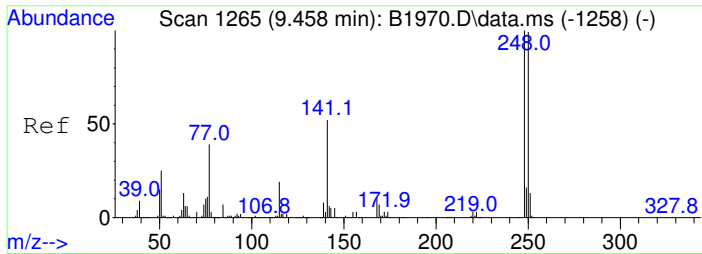
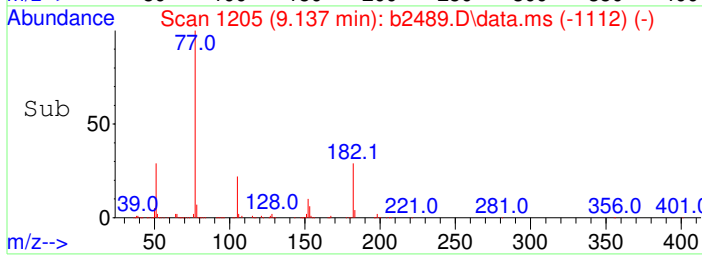
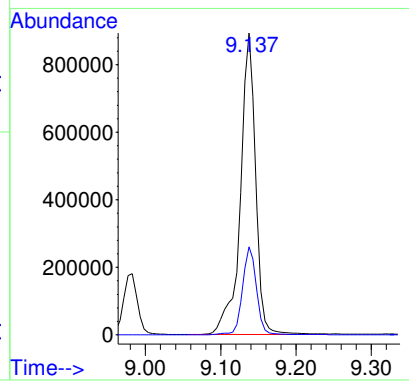
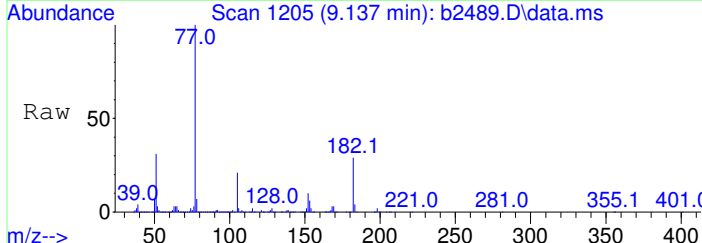
Tgt Ion:169 Resp: 913251
 Ion Ratio Lower Upper
 169 100
 168 74.9 51.0 76.6
 167 38.1 27.7 41.5





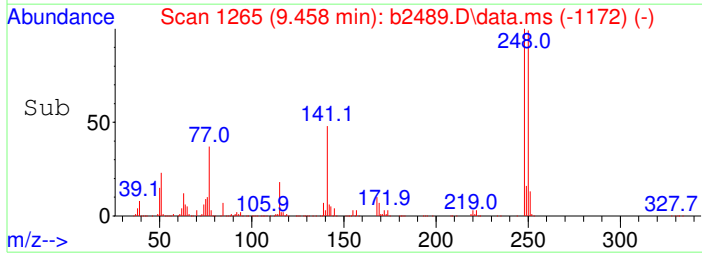
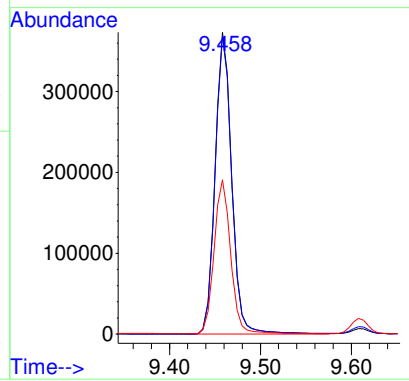
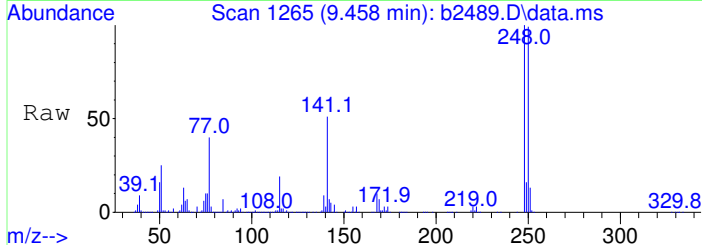
#62
 Azobenzene
 Concen: 79.43 ug
 RT: 9.137 min Scan# 1205
 Delta R.T. 0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

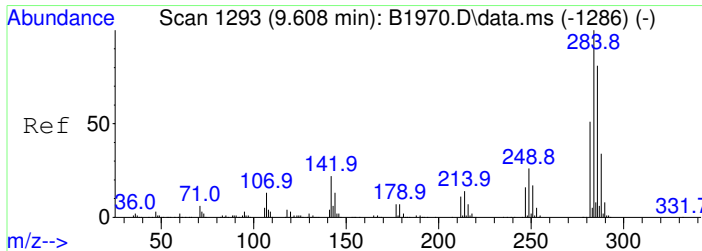
Tgt Ion:	77	Resp:	1257144
Ion Ratio	Lower	Upper	
77	100		
182	26.8	30.2	45.4#



#63
 4-Bromophenyl-phenylether
 Concen: 78.22 ug
 RT: 9.458 min Scan# 1265
 Delta R.T. -0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

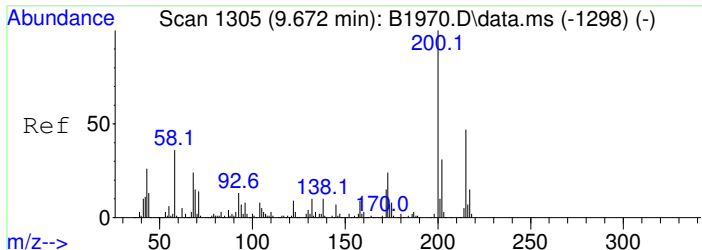
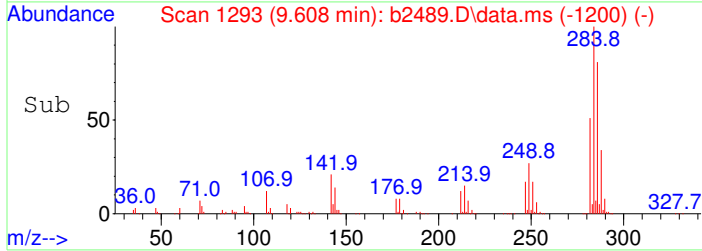
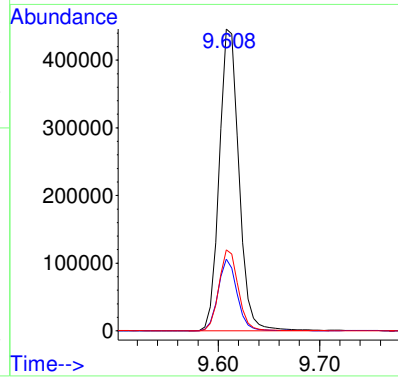
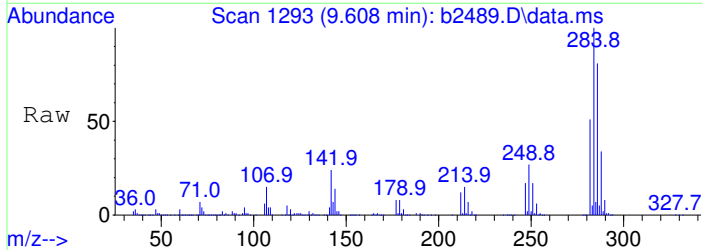
Tgt Ion:	248	Resp:	478268
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.7	115.1
141	50.8	46.2	69.2





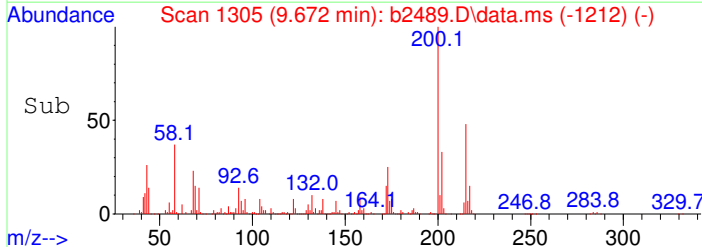
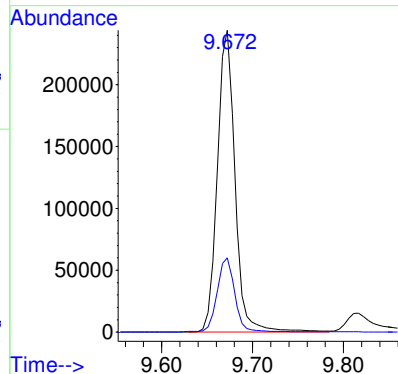
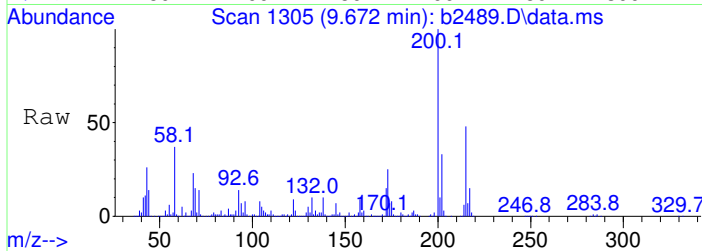
#64
Hexachlorobenzene
Concen: 76.94 ug
RT: 9.608 min Scan# 1293
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

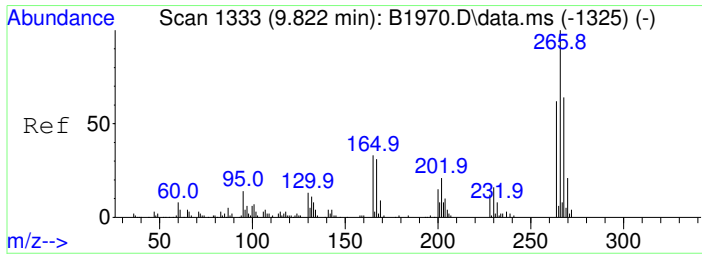
Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.8	24.7	37.1#
249	26.6	23.0	34.4



#65
Atrazine
Concen: 58.03 ug
RT: 9.672 min Scan# 1305
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

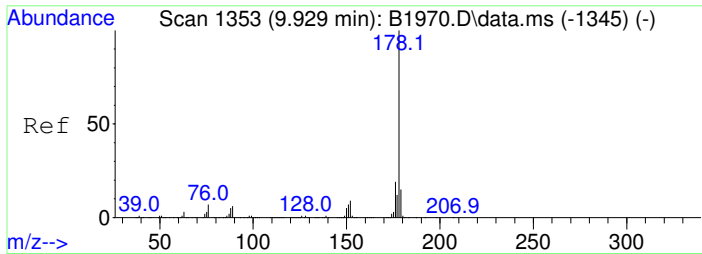
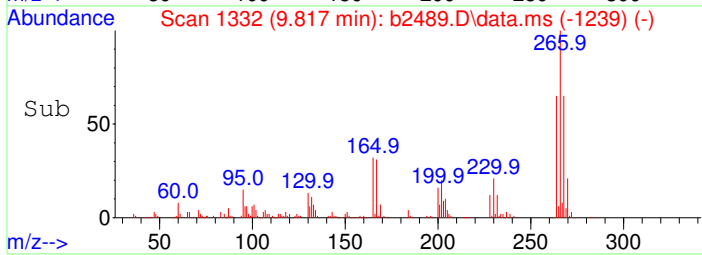
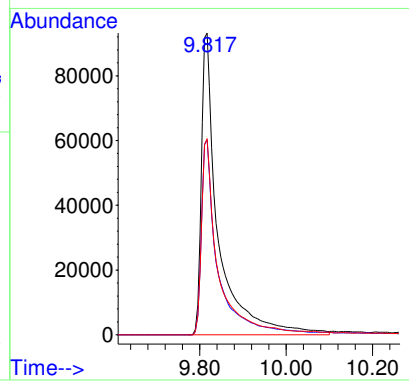
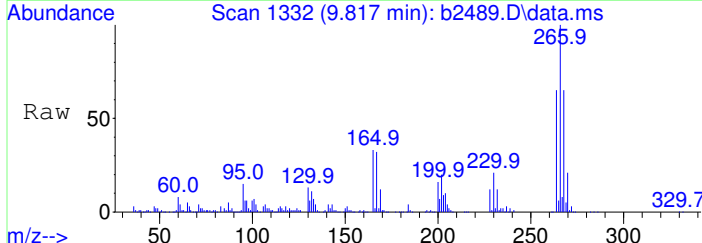
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	19.8	29.8





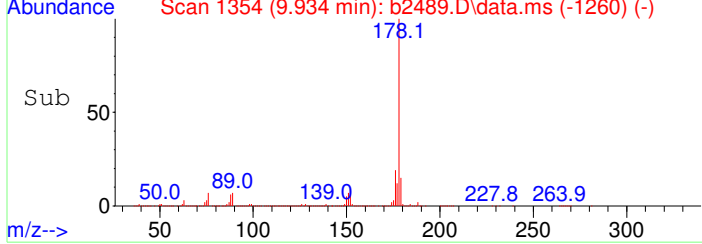
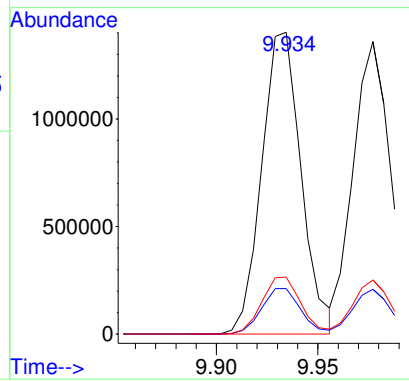
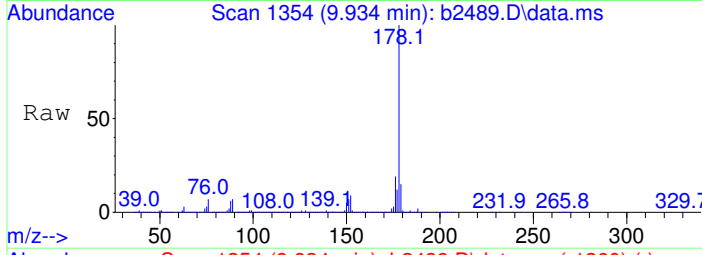
#66
 Pentachlorophenol
 Concen: 81.57 ug
 RT: 9.817 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

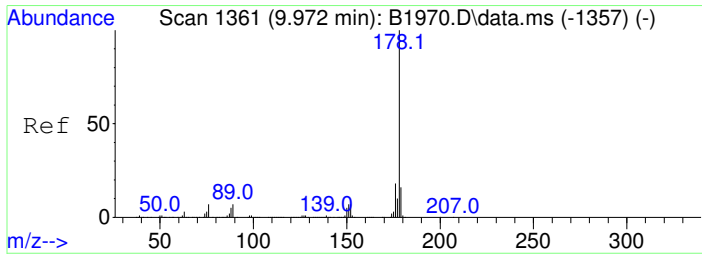
Tgt Ion	266	Resp	255203
Ion Ratio	Lower	Upper	
266	100		
264	63.1	49.3	73.9
268	63.5	50.1	75.1



#67
 Phenanthrene
 Concen: 77.47 ug
 RT: 9.934 min Scan# 1354
 Delta R.T. 0.005 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

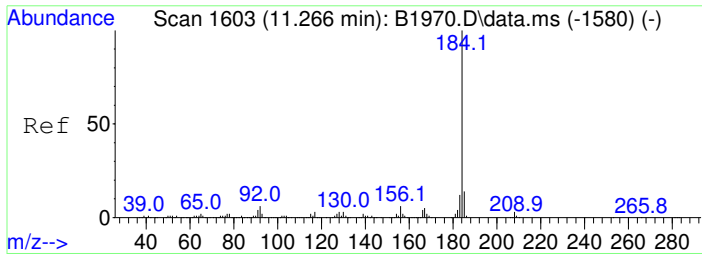
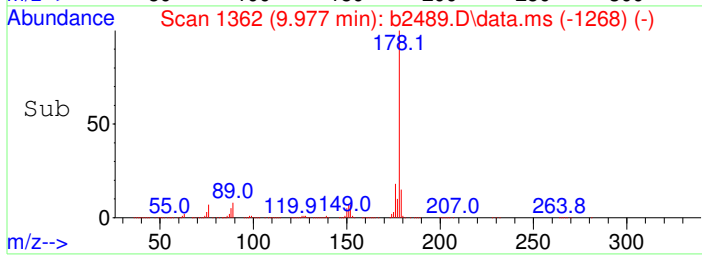
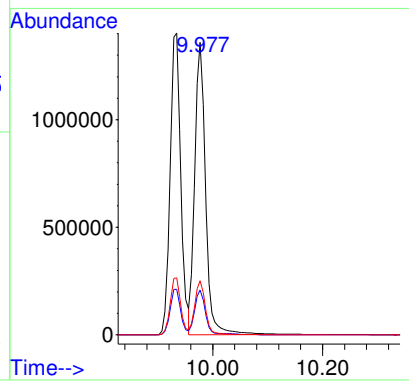
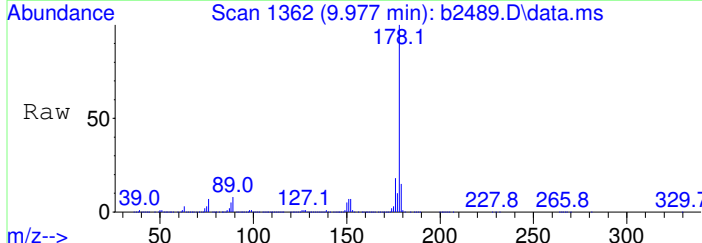
Tgt Ion	178	Resp	1892981
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.2
176	18.9	15.2	22.8





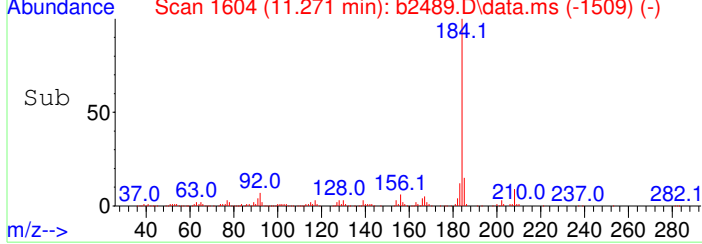
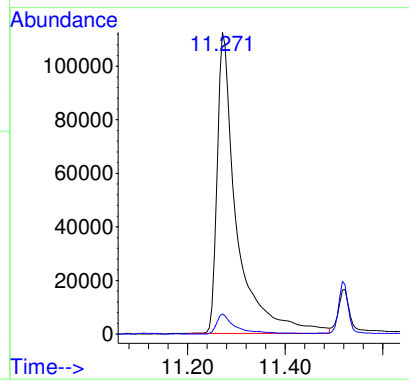
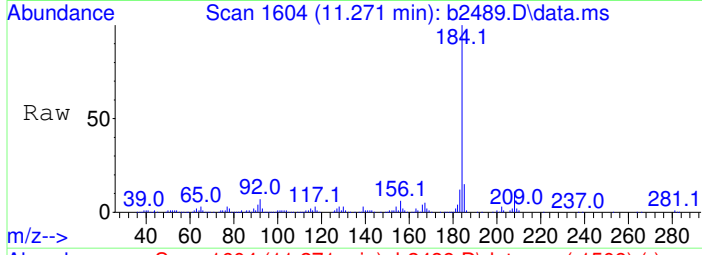
#68
 Anthracene
 Concen: 78.13 ug
 RT: 9.977 min Scan# 1362
 Delta R.T. 0.005 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

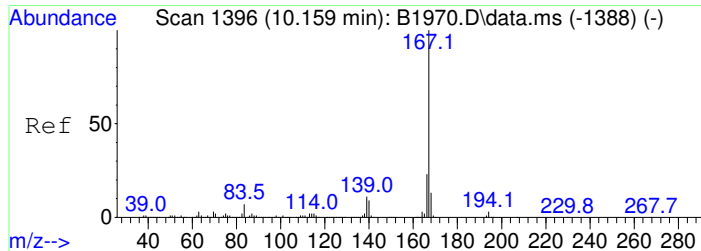
Tgt Ion:178	Resp: 1865723
Ion Ratio	Lower Upper
178	100
179	13.9 12.4 18.6
176	18.2 14.8 22.2



#69
 Benzidine
 Concen: 31.63 ug
 RT: 11.271 min Scan# 1604
 Delta R.T. 0.011 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

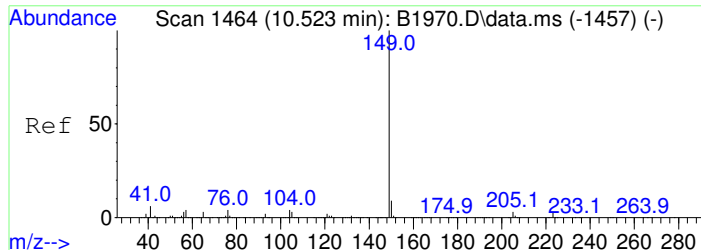
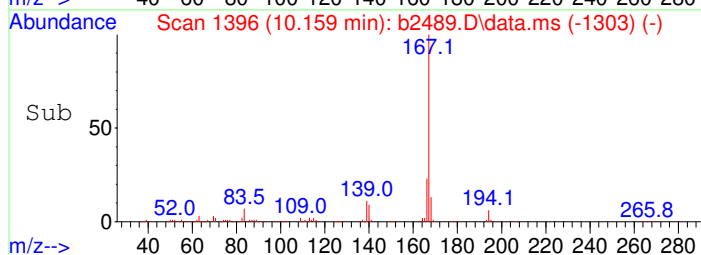
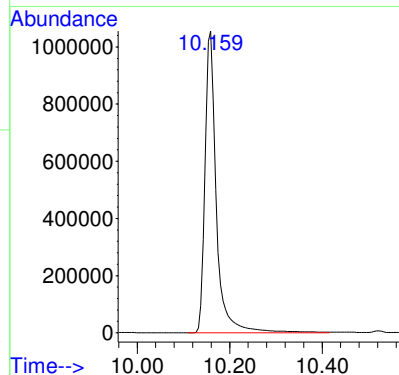
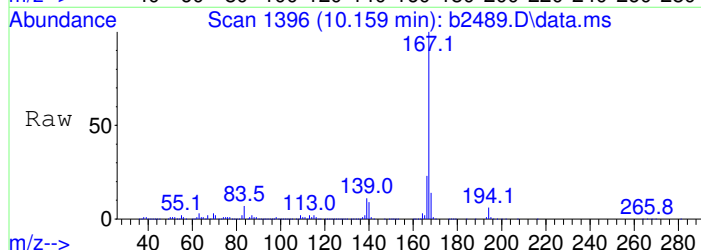
Tgt Ion:184	Resp: 312777
Ion Ratio	Lower Upper
184	100
92	6.5 4.3 6.5





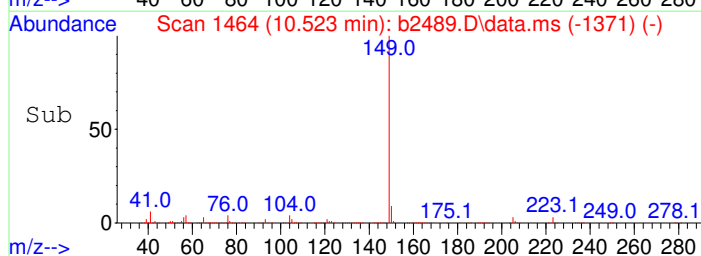
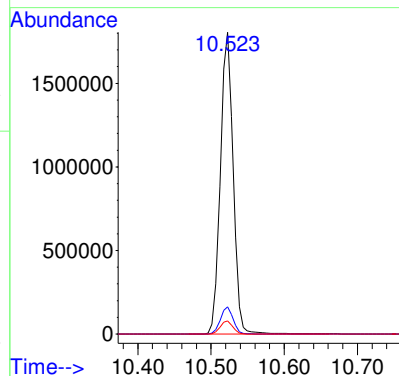
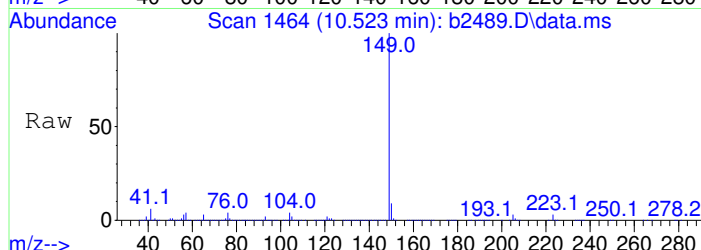
#70
Carbazole
Concen: 79.09 ug
RT: 10.159 min Scan# 1396
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

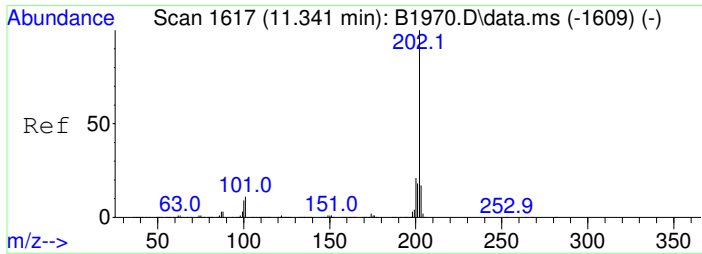
Tgt Ion:167 Resp: 1808919



#71
Di-n-butylphthalate
Concen: 80.00 ug
RT: 10.523 min Scan# 1464
Delta R.T. 0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

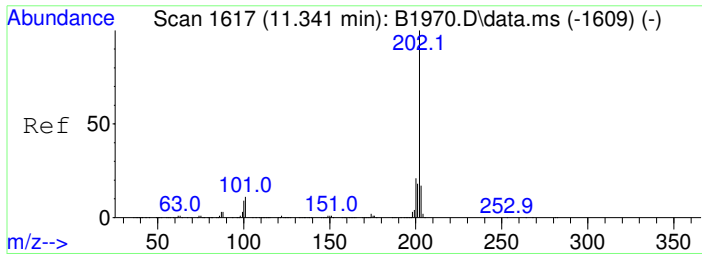
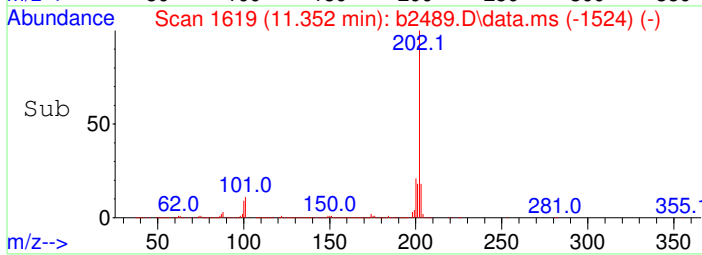
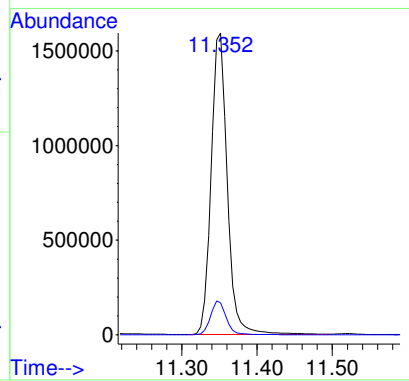
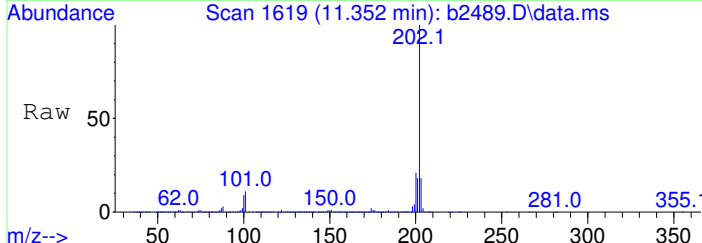
Tgt Ion:149 Resp: 2195128
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.4 4.1 6.1





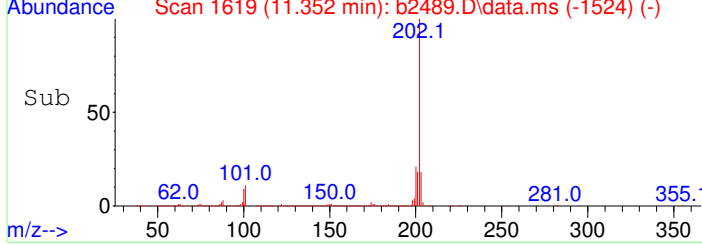
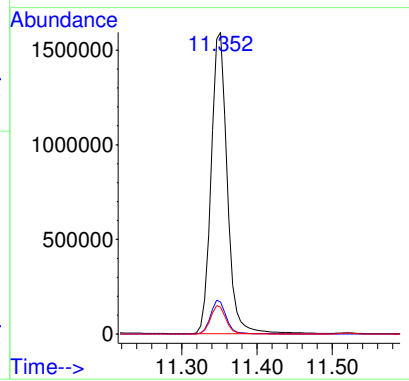
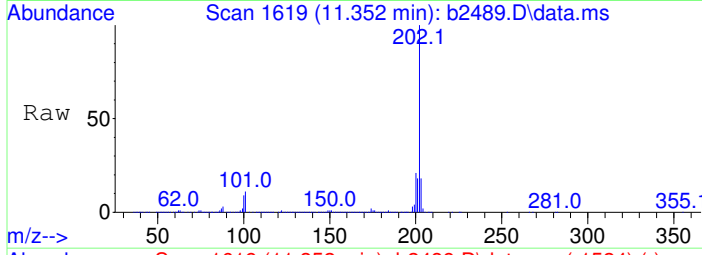
#72
 Fluoranthene
 Concen: 77.41 ug
 RT: 11.352 min Scan# 1619
 Delta R.T. 0.011 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

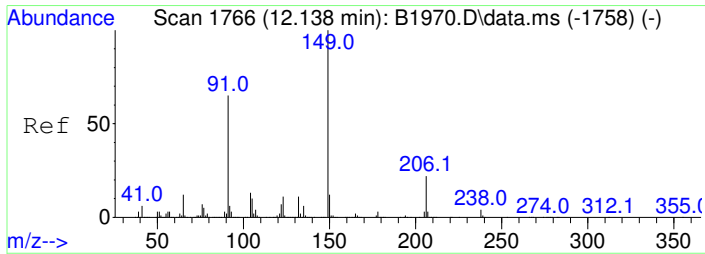
Tgt Ion:	202	Resp:	2365988
Ion Ratio	Lower	Upper	
202	100		
101	10.9	9.3	13.9



#74
 Pyrene
 Concen: 79.85 ug
 RT: 11.352 min Scan# 1619
 Delta R.T. 0.011 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

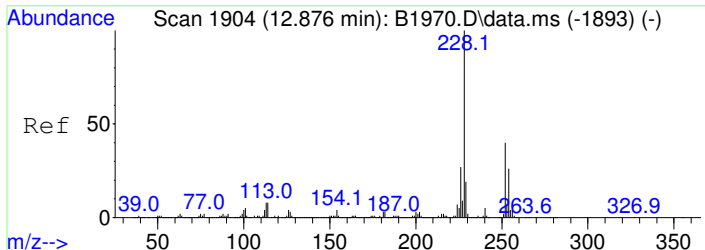
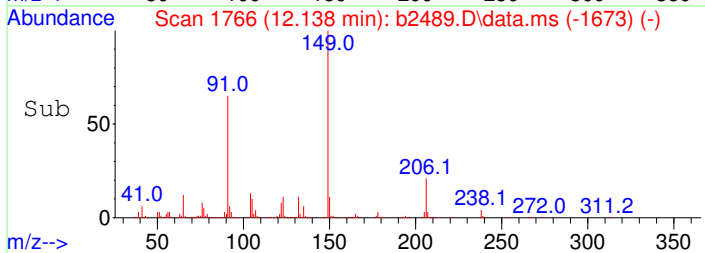
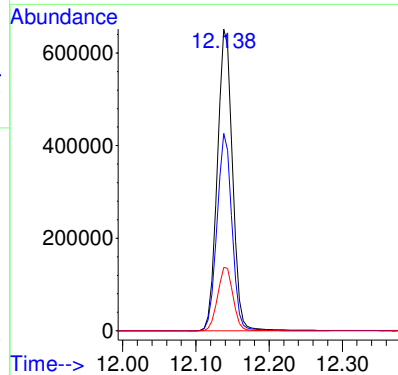
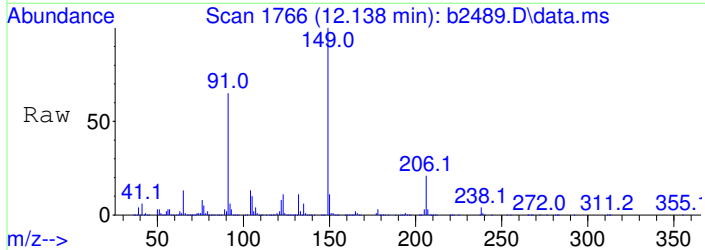
Tgt Ion:	202	Resp:	2365988
Ion Ratio	Lower	Upper	
202	100		
101	10.9	11.0	16.6#
100	9.2	8.9	13.3





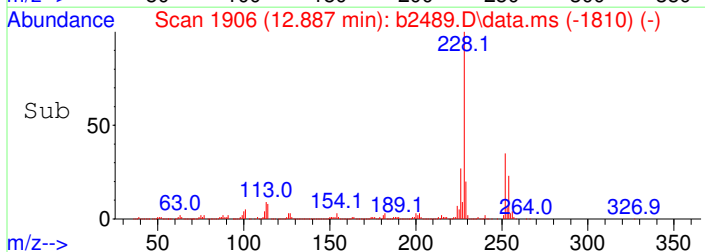
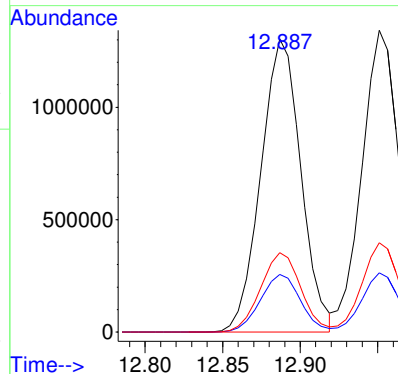
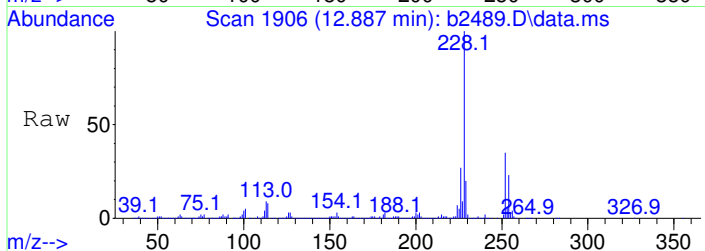
#76
Butylbenzylphthalate
Concen: 83.06 ug
RT: 12.138 min Scan# 1766
Delta R.T. -0.000 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

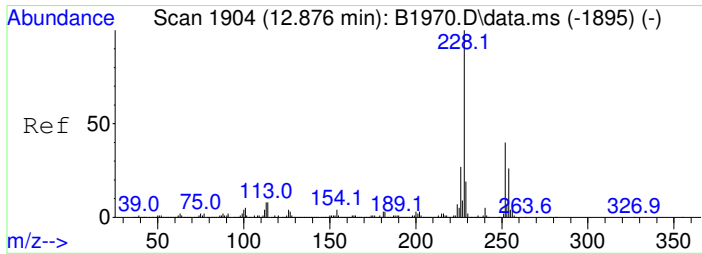
Tgt	Ion	149	Resp:	939793
Ion	Ratio	100	Lower	Upper
91	64.6	48.0	72.0	
206	21.5	21.6	32.4	#



#77
Benzo[a]anthracene
Concen: 77.65 ug
RT: 12.887 min Scan# 1906
Delta R.T. 0.016 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

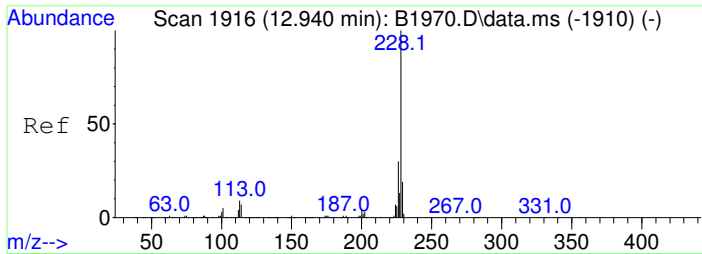
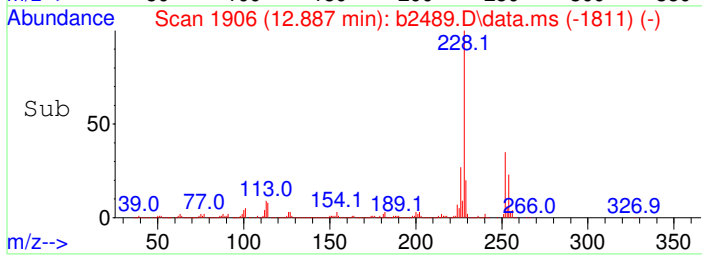
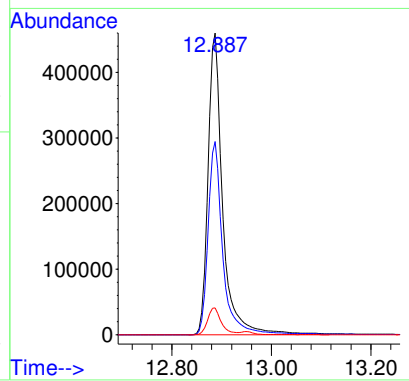
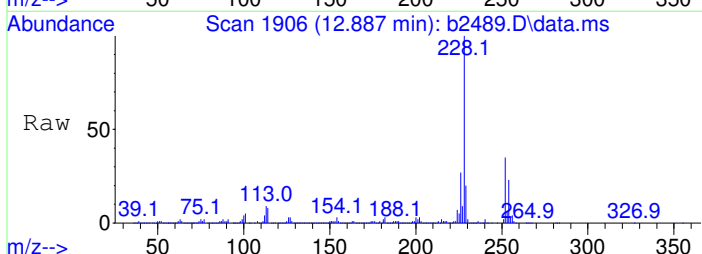
Tgt	Ion	228	Resp:	2339319
Ion	Ratio	100	Lower	Upper
229	19.7	15.5	23.3	
226	27.3	21.5	32.3	





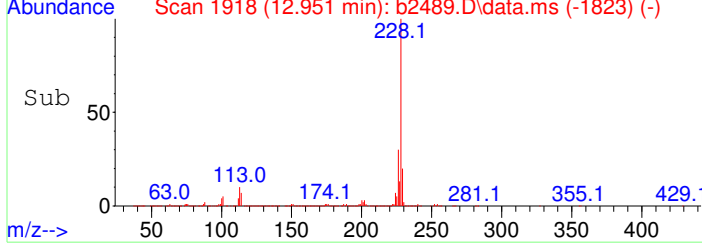
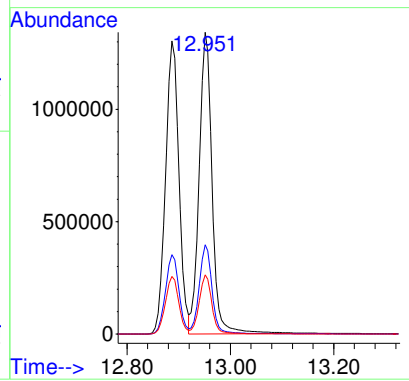
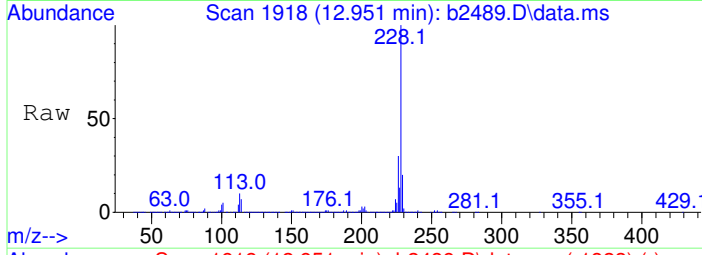
#78
 3,3'-Dichlorobenzidine
 Concen: 79.44 ug
 RT: 12.887 min Scan# 1906
 Delta R.T. 0.011 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

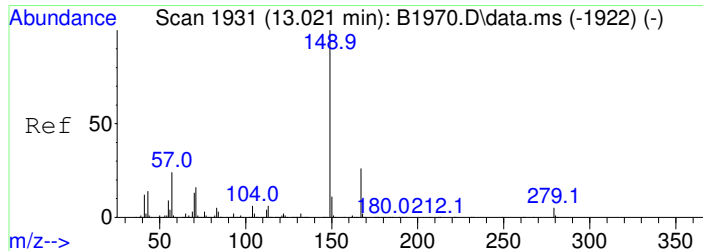
Tgt Ion:	252	Resp:	950661
Ion Ratio	Lower	Upper	
252	100		
254	64.0	50.6	75.8
126	8.4	8.0	12.0



#79
 Chrysene
 Concen: 80.87 ug
 RT: 12.951 min Scan# 1918
 Delta R.T. 0.011 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

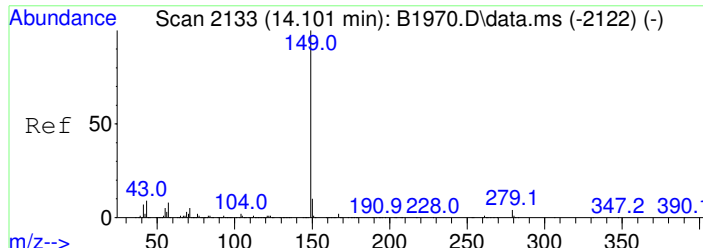
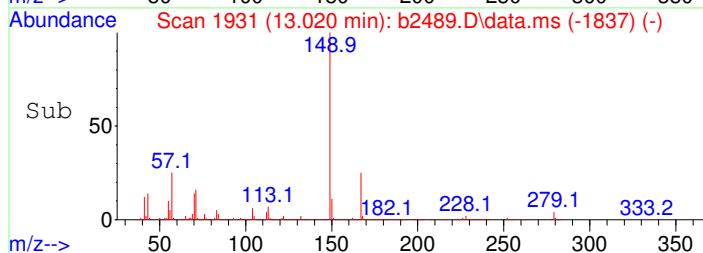
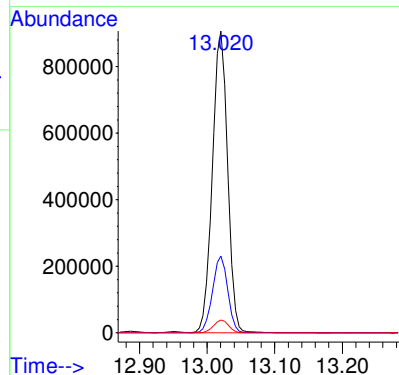
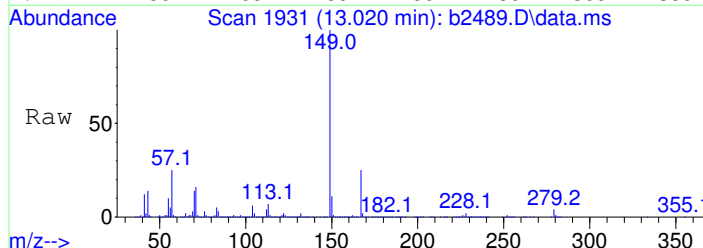
Tgt Ion:	228	Resp:	2343566
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	19.4	15.5	23.3





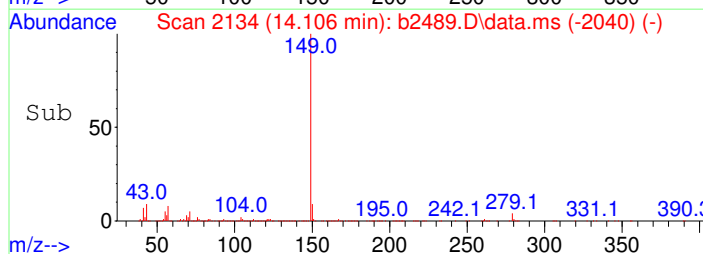
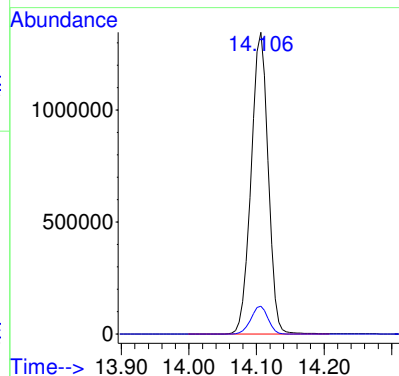
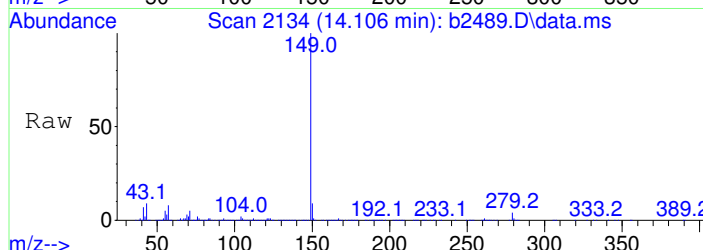
#80
bis(2-Ethylhexyl)phtha
Concen: 83.34 ug
RT: 13.020 min Scan# 1931
Delta R.T. 0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

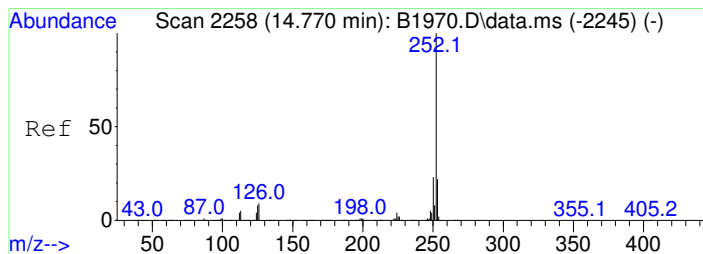
Tgt Ion:149 Resp: 1418927
Ion Ratio Lower Upper
149 100
167 25.4 20.4 30.6
279 4.3 3.4 5.2



#82
Di-n-octylphthalate
Concen: 87.51 ug
RT: 14.106 min Scan# 2134
Delta R.T. 0.005 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

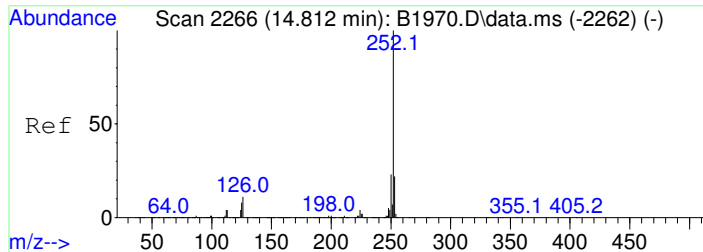
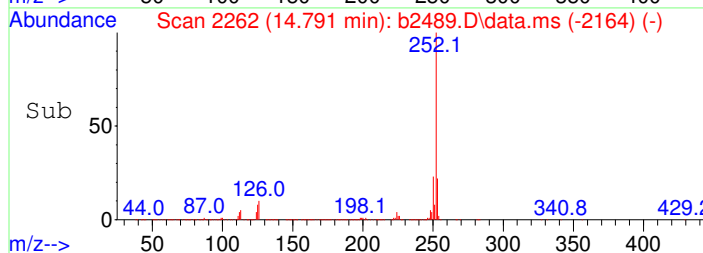
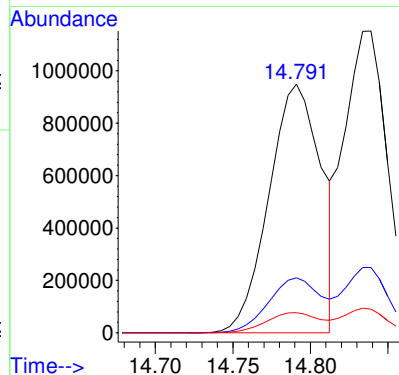
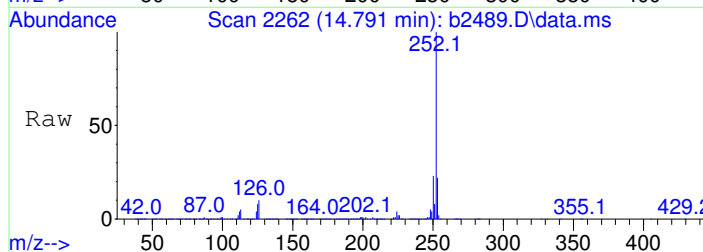
Tgt Ion:149 Resp: 2353013
Ion Ratio Lower Upper
149 100
150 9.4 8.9 13.3





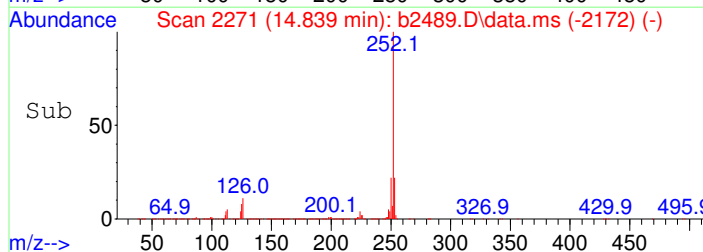
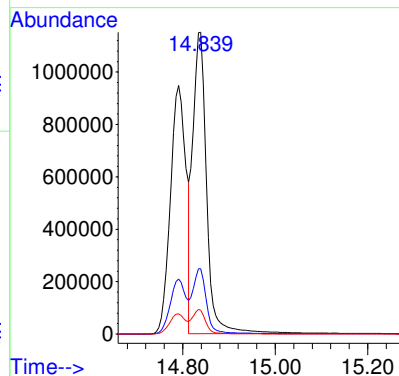
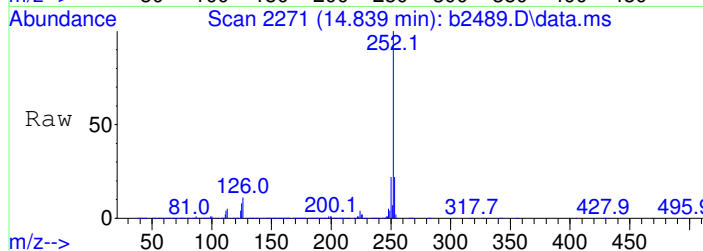
#83
Benzo[b]fluoranthene
Concen: 78.50 ug
RT: 14.791 min Scan# 2262
Delta R.T. 0.027 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

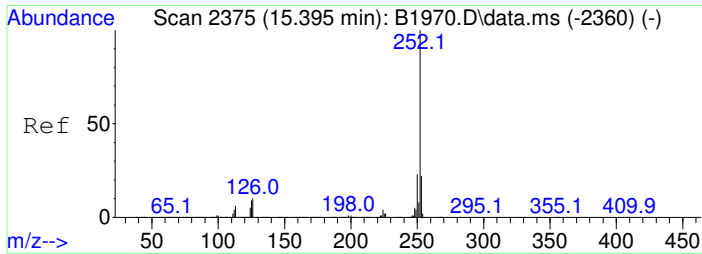
Tgt Ion:252	Resp: 2224271
Ion Ratio	Lower Upper
252	100
253	22.2 17.5 26.3
125	8.5 6.6 9.8



#84
Benzo[k]fluoranthene
Concen: 83.95 ug
RT: 14.839 min Scan# 2271
Delta R.T. 0.032 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

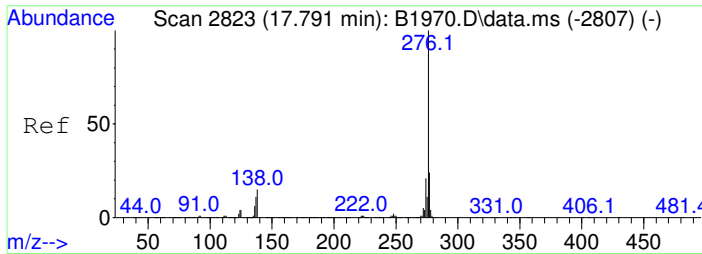
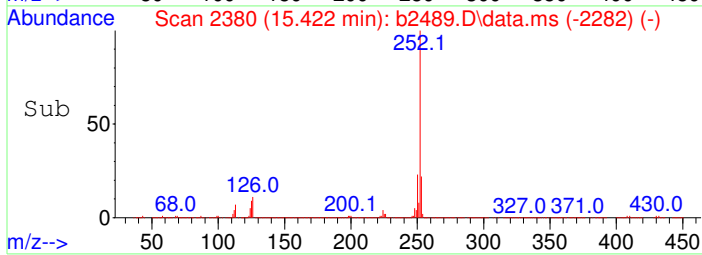
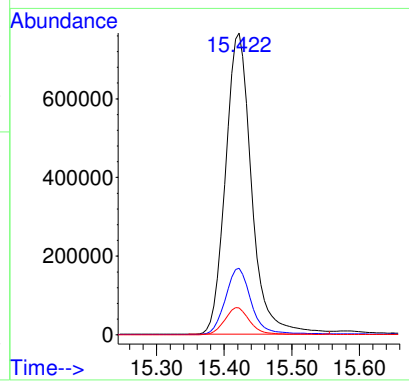
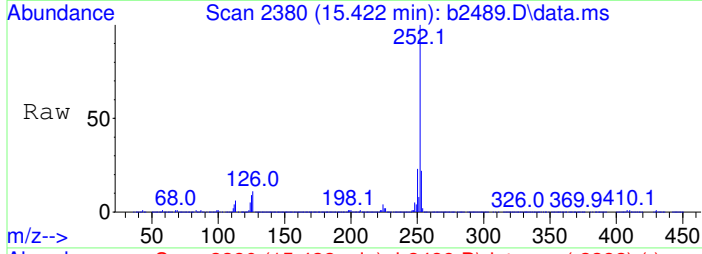
Tgt Ion:252	Resp: 2402277
Ion Ratio	Lower Upper
252	100
253	21.3 17.7 26.5
125	7.8 6.6 9.8





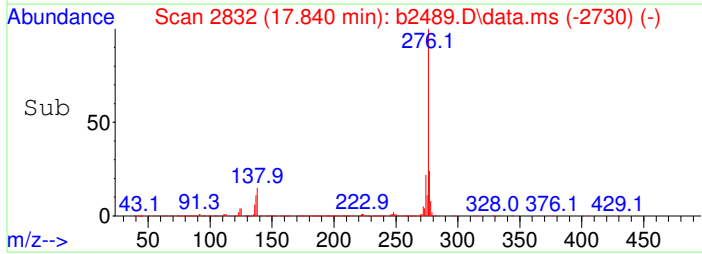
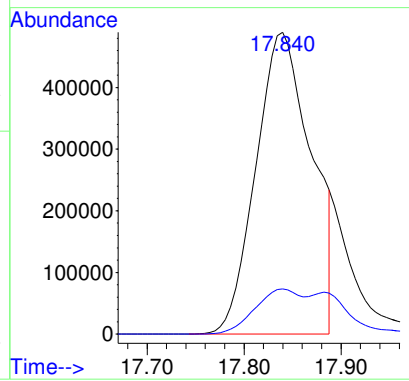
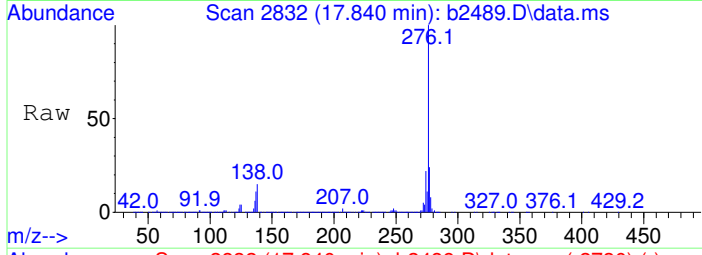
#85
 Benzo[a]pyrene
 Concen: 78.87 ug
 RT: 15.422 min Scan# 2380
 Delta R.T. 0.027 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

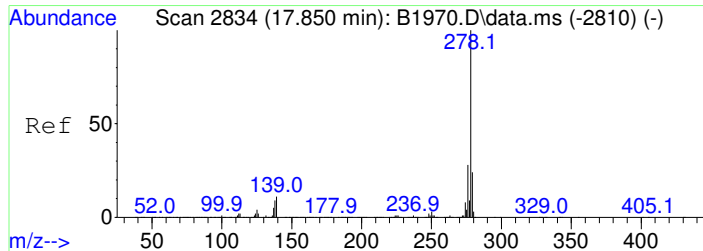
Tgt Ion:	252	Resp:	2051965
Ion Ratio	100	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.8	7.2	10.8



#86
 Indeno[1,2,3-cd]pyrene
 Concen: 75.71 ug m
 RT: 17.840 min Scan# 2832
 Delta R.T. 0.048 min
 Lab File: b2489.D
 Acq: 6 Sep 2024 9:04 am

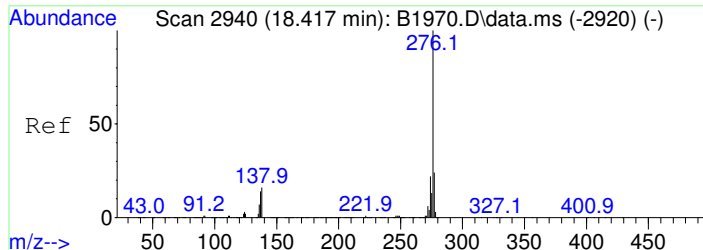
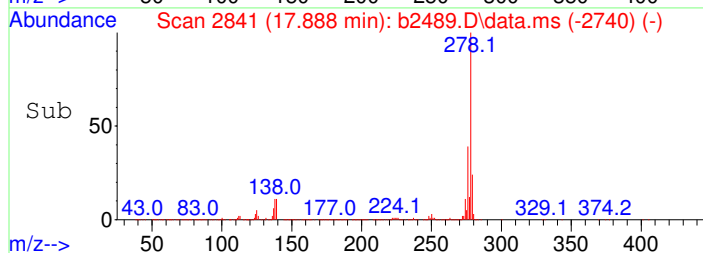
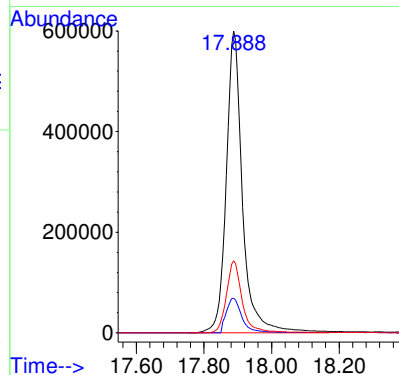
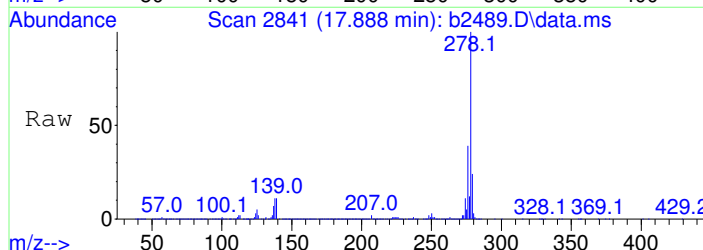
Tgt Ion:	276	Resp:	1951900
Ion Ratio	100	Lower	Upper
276	100		
138	12.2	11.8	17.8





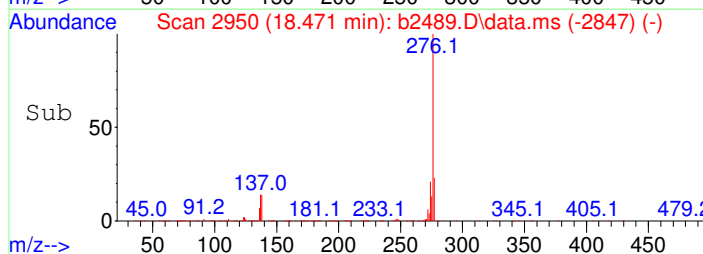
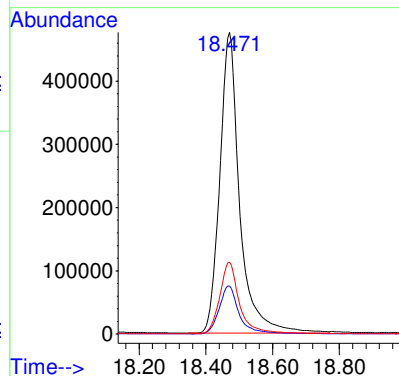
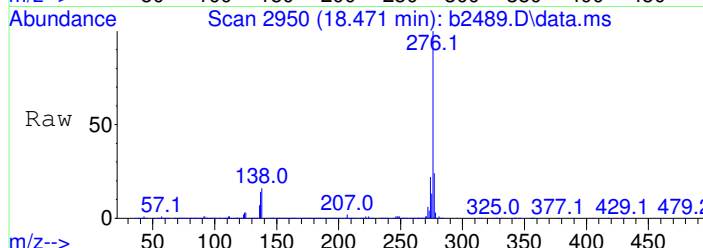
#87
Dibenz[a,h]anthracene
Concen: 76.13 ug
RT: 17.888 min Scan# 2841
Delta R.T. 0.043 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

Tgt Ion	278	139	279
Ion Ratio	100	11.1	23.4
Lower		9.4	18.9
Upper		14.2	28.3



#88
Benzo[g,h,i]perylene
Concen: 74.87 ug
RT: 18.471 min Scan# 2950
Delta R.T. 0.053 min
Lab File: b2489.D
Acq: 6 Sep 2024 9:04 am

Tgt Ion	276	138	277
Ion Ratio	100	16.0	23.9
Lower		15.0	18.3
Upper		22.6	27.5



Data Path : D:\2\data\090624\
 Data File : b2491.D
 Acq On : 6 Sep 2024 10:17 am
 Operator :
 Sample : mb-111118
 Misc : mblk
 ALS Vial : 4 Sample Multiplier: 1

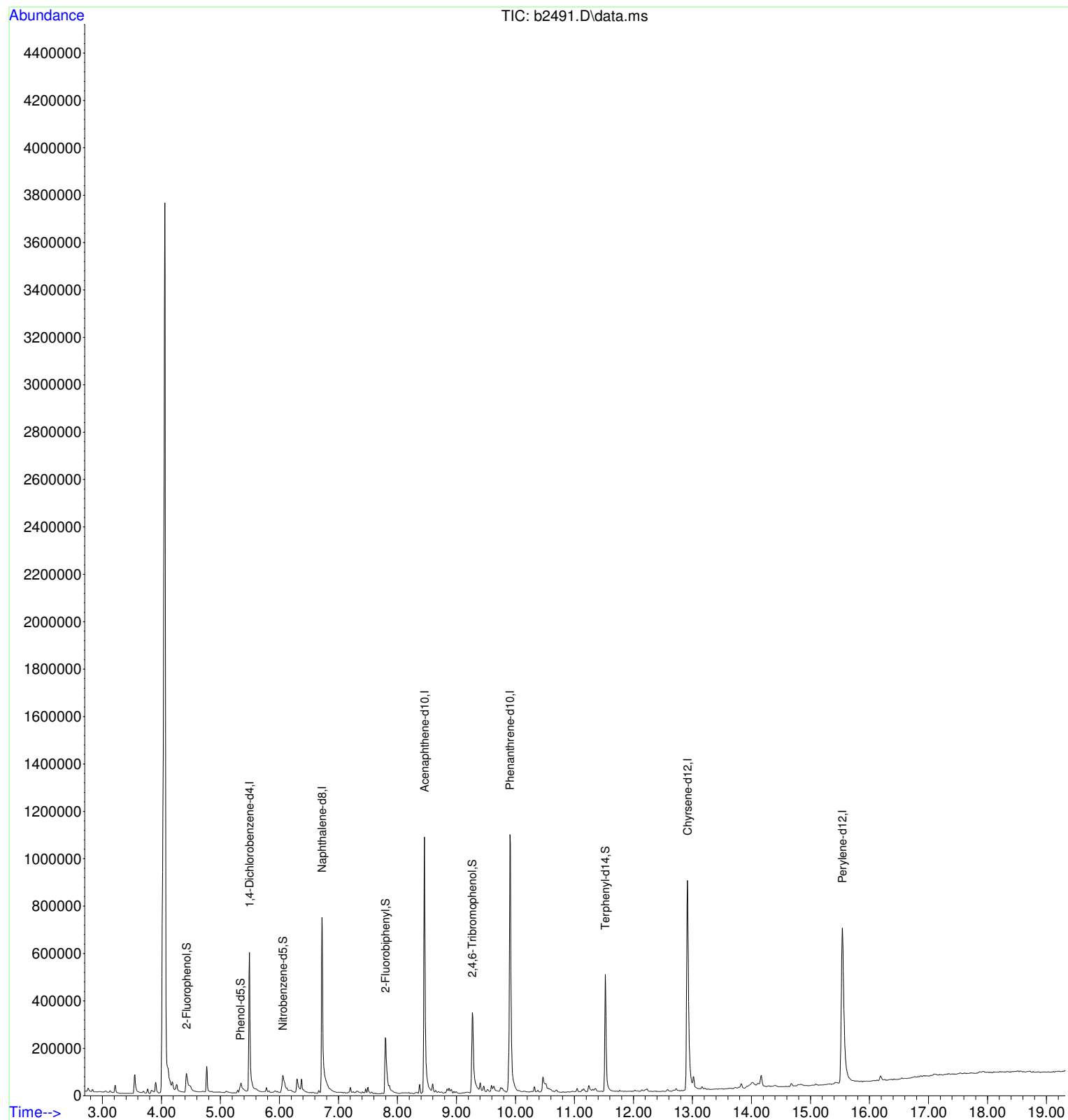
Quant Time: Sep 06 10:55:45 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

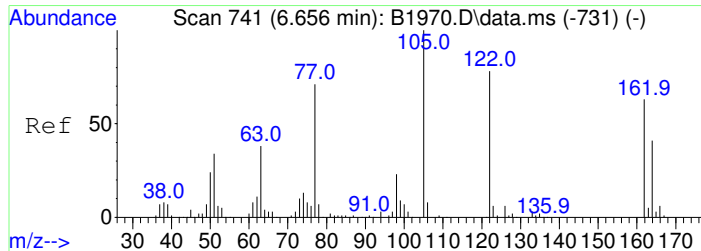
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	172638	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	704167	40.00	ug	# 0.00
37) Acenaphthene-d10	8.458	164	438349	40.00	ug	# 0.00
58) Phenanthrene-d10	9.908	188	873857	40.00	ug	# 0.00
73) Chrysene-d12	12.914	240	826392	40.00	ug	0.02
81) Perylene-d12	15.540	264	870758	40.00	ug	0.03
System Monitoring Compounds						
2) 2-Fluorophenol	4.425	112	78050	14.28	ug	0.01
3) Phenol-d5	5.340	99	54555	10.53	ug	0.02
22) Nitrobenzene-d5	6.057	82	73726	12.17	ug	0.00
42) 2-Fluorobiphenyl	7.795	172	209701	13.48	ug	0.00
61) 2,4,6-Tribromophenol	9.266	330	98252	28.70	ug	0.00
75) Terphenyl-d14	11.523	244	341625	14.41	ug	0.00
Target Compounds						
31) Benzoic Acid	6.624	105	462	Below Cal	#	Qvalue 22

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

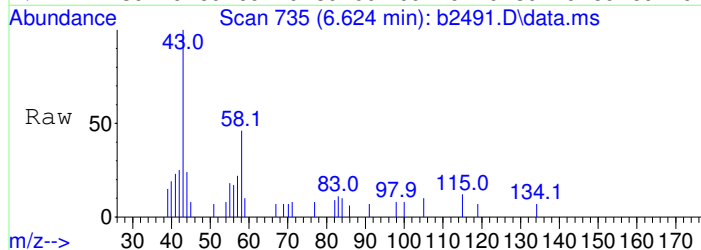
Data Path : D:\2\data\090624\
Data File : b2491.D
Acq On : 6 Sep 2024 10:17 am
Operator :
Sample : mb-111118
Misc : mblk
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 06 10:55:45 2024
Quant Method : C:\msdchem\2\qtmethode-b\methB071924.M
Quant Title : e8270 Calibration
QLast Update : Fri Aug 30 10:46:53 2024
Response via : Initial Calibration

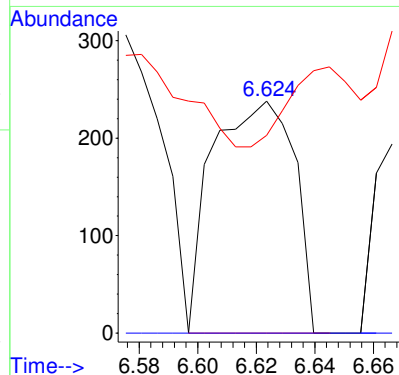
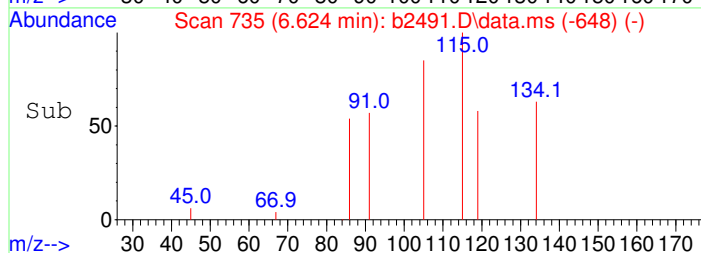




#31
Benzoic Acid
Concen: Below Cal
RT: 6.624 min Scan# 735
Delta R.T. -0.032 min
Lab File: b2491.D
Acq: 6 Sep 2024 10:17 am



Tgt Ion	Ratio	Lower	Upper
105	100		
122	0.0	65.7	98.5#
77	21.0	59.5	89.3#



Data Path : D:\2\data\090624\
 Data File : b2492.D
 Acq On : 6 Sep 2024 10:44 am
 Operator :
 Sample : lcs-111118
 Misc : lcs
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 12:16:02 2024
 Quant Method : C:\msdchem\2\qtmethode-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.489	152	178542	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	660479	40.00	ug	# 0.00
37) Acenaphthene-d10	8.453	164	402058	40.00	ug	# 0.00
58) Phenanthrene-d10	9.907	188	791442	40.00	ug	# 0.00
73) Chrysene-d12	12.908	240	738555	40.00	ug	0.01
81) Perylene-d12	15.534	264	755922	40.00	ug	0.03
System Monitoring Compounds						
2) 2-Fluorophenol	4.414	112	81357	14.40	ug	0.00
3) Phenol-d5	5.313	99	68410m	12.77	ug	-0.01
22) Nitrobenzene-d5	6.051	82	79179	13.94	ug	0.00
42) 2-Fluorobiphenyl	7.795	172	220701	15.47	ug	0.00
61) 2,4,6-Tribromophenol	9.260	330	107371	34.63	ug	0.00
75) Terphenyl-d14	11.523	244	349433	16.49	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.992	79	70853	14.49	ug	88
5) n-Nitrosodimethylamine	3.024	74	10952	3.76	ug	100
7) Aniline	5.233	93	84663	12.24	ug	89
8) Phenol	5.324	94	81873m	12.26	ug	
9) bis(2-Chloroethyl) ether	5.276	93	143822m	26.95	ug	
10) 2-Chlorophenol	5.366	128	165808	30.02	ug	96
11) 1,3-Dichlorobenzene	5.452	146	177612	27.44	ug	98
12) 1,4-Dichlorobenzene	5.505	146	192670	27.40	ug	95
13) Benzyl alcohol	5.837	108	141500	28.52	ug	# 40
14) 1,2-Dichlorobenzene	5.682	146	183457	28.28	ug	98
15) 2-Methylphenol	5.837	108	141500	28.52	ug	95
16) bis(2-chloroisopropyl)	5.789	45	252606	38.25	ug	97
18) 4-Methylphenol	5.998	108	175839	30.73	ug	# 73
19) n-Nitroso-di-n-propyla	5.917	70	111560	28.56	ug	93
20) Hexachloroethane	5.971	117	65430	27.14	ug	97
23) Nitrobenzene	6.067	77	196961	32.75	ug	98
24) Isophorone	6.281	82	308723	43.55	ug	99
25) 2-Nitrophenol	6.377	139	91554	29.65	ug	96
26) 2,4-Dimethylphenol	6.468	107	160738	34.42	ug	94
27) bis(2-Chloroethoxy)met	6.506	93	199054	32.89	ug	97
28) 2,4-Dichlorophenol	6.661	162	169001	32.73	ug	# 93
29) 1,2,4-Trichlorobenzene	6.682	180	180079	28.58	ug	99
30) Naphthalene	6.741	128	516076	31.05	ug	99
31) Benzoic Acid	6.629	105	3611	Below	Cal	# 35
32) 4-Chloroaniline	6.837	127	135399	19.85	ug	98
33) Hexachlorobutadiene	6.912	225	95249	23.62	ug	99
35) 4-Chloro-3-methylphenol	7.378	107	150766	32.28	ug	# 1
36) 2-Methylnaphthalene	7.415	142	391140	30.11	ug	97
38) Hexachlorocyclopentadiene	7.634	237	26295	13.57	ug	98
39) 2,4,6-Trichlorophenol	7.747	196	124972	30.86	ug	98
40) 2,4,5-Trichlorophenol	7.821	196	163166	34.59	ug	95
43) 2-Chloronaphthalene	7.896	162	363012	30.21	ug	96
44) 2-Nitroaniline	8.046	65	96175	29.94	ug	82
45) Dimethylphthalate	8.228	163	485815	35.68	ug	# 96
46) Acenaphthylene	8.308	152	575063	36.15	ug	99
47) 2,6-Dinitrotoluene	8.303	165	106391	36.01	ug	99
48) 3-Nitroaniline	8.469	138	77354	25.84	ug	# 41
49) Acenaphthene	8.485	153	409253	35.31	ug	94
50) 2,4-Dinitrophenol	8.581	184	39130	41.92	ug	# 75
51) 4-Nitrophenol	8.832	109	36430m	26.46	ug	
52) Dibenzofuran	8.645	168	563078	32.41	ug	92

Data Path : D:\2\data\090624\
 Data File : b2492.D
 Acq On : 6 Sep 2024 10:44 am
 Operator :
 Sample : lcs-111118
 Misc : lcs
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 12:16:02 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
53) 2,4-Dinitrotoluene	8.699	165	144116	34.33	ug	# 94
54) Diethylphthalate	8.918	149	566565	41.75	ug	96
55) Fluorene	8.982	166	463148	34.16	ug	93
56) 4-Chlorophenyl-phenyle	8.982	204	251532	34.15	ug	97
57) 4-Nitroaniline	9.089	138	74899	25.23	ug	# 86
59) 4,6-Dinitro-2-methylph	9.110	198	78842	33.51	ug	100
60) n-Nitrosodiphenylamine	9.110	169	404195	43.02	ug	92
62) Azobenzene	9.137	77	454431	36.23	ug	# 82
63) 4-Bromophenyl-phenylether	9.458	248	174145	35.94	ug	95
64) Hexachlorobenzene	9.608	284	216811	34.89	ug	# 91
65) Atrazine	9.816	200	15159	3.37	ug	# 50
66) Pentachlorophenol	9.822	266	98044	39.54	ug	97
67) Phenanthrene	9.929	178	686716	35.47	ug	100
68) Anthracene	9.977	178	755863	39.95	ug	99
70) Carbazole	10.159	167	633827	34.97	ug	100
71) Di-n-butylphthalate	10.523	149	826484	38.01	ug	99
72) Fluoranthene	11.346	202	888483	36.68	ug	97
74) Pyrene	11.346	202	888483	37.51	ug	# 93
76) Butylbenzylphthalate	12.138	149	343102	37.93	ug	93
77) Benzo[a]anthracene	12.887	228	800296	33.23	ug	99
79) Chrysene	12.951	228	817201	35.27	ug	99
80) bis(2-Ethylhexyl)phtha	13.020	149	524578	38.54	ug	99
82) Di-n-octylphthalate	14.106	149	868502	42.32	ug	96
83) Benzo[b]fluoranthene	14.785	252	737170	34.09	ug	100
84) Benzo[k]fluoranthene	14.828	252	853490	39.09	ug	99
85) Benzo[a]pyrene	15.422	252	705595	35.54	ug	99
86) Indeno[1,2,3-cd]pyrene	17.839	276	717652m	36.48	ug	
87) Dibenzo[a,h]anthracene	17.888	278	685348	34.10	ug	99
88) Benzo[g,h,i]perylene	18.471	276	628167	31.25	ug	# 96

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

Data Path : D:\2\data\090624\

Data File : b2492.D

Acq On : 6 Sep 2024 10:44 am

Operator :

Sample : lcs-111118

```
Misc      : lcs
```

ALS Vial : 5 Sample Multiplier: 1

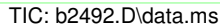
Quant Time: Sep 06 12:16:02 2024

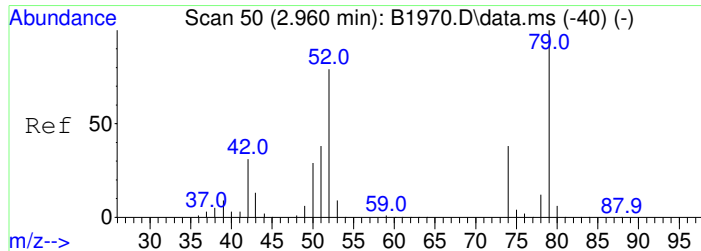
Quant Method : C:\msdchem\2\qtmethd-b\methB071924.M

Quant Title : e8270 Calibration

QLast Update : Fri Aug 30 10:46:53 2024

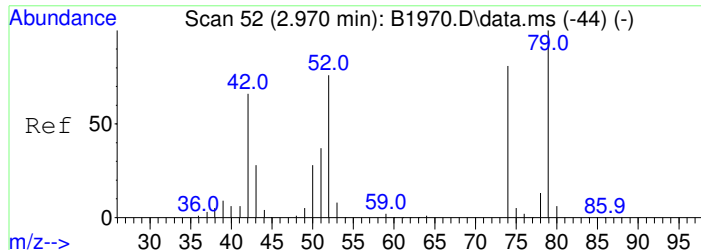
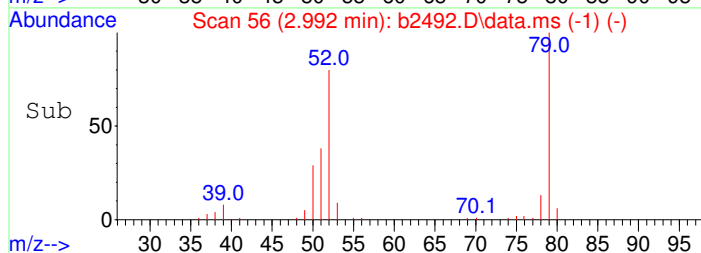
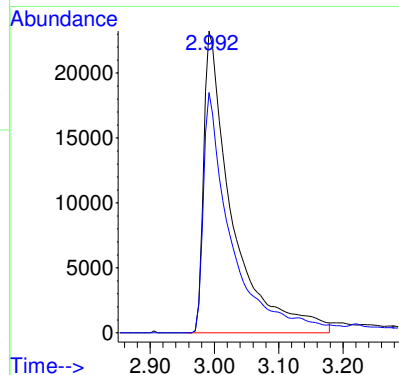
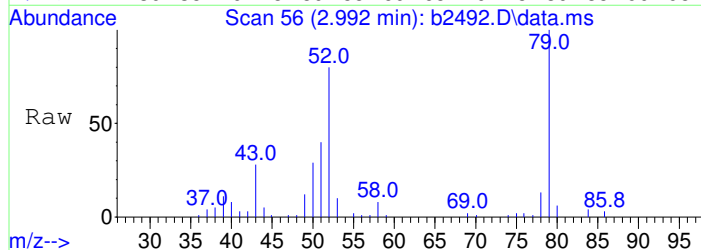
Response via : Initial Calibration





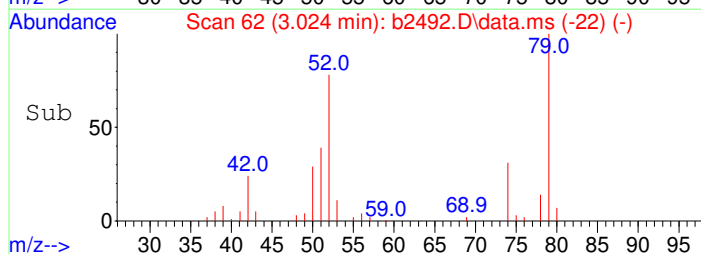
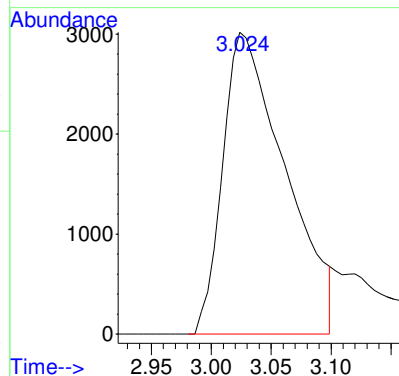
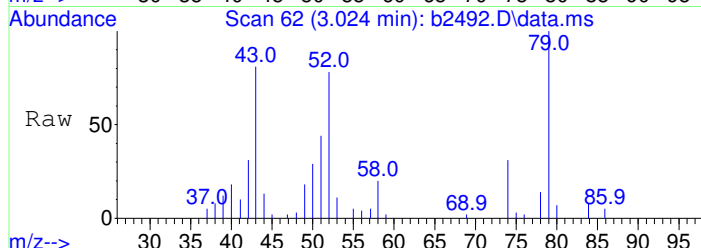
#4
Pyridine
Concen: 14.49 ug
RT: 2.992 min Scan# 56
Delta R.T. 0.037 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

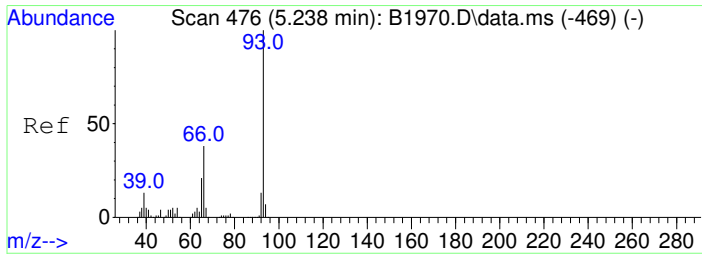
Tgt Ion: 79 Resp: 70853
Ion Ratio Lower Upper
79 100
52 73.5 67.3 100.9



#5
n-Nitrosodimethylamine
Concen: 3.76 ug
RT: 3.024 min Scan# 62
Delta R.T. 0.059 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

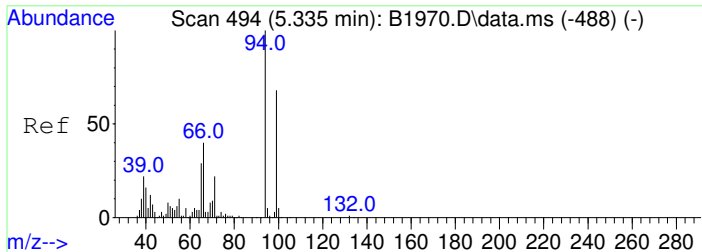
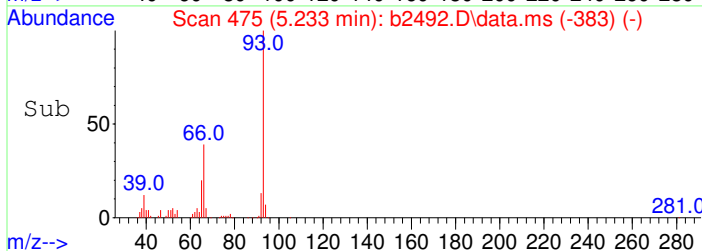
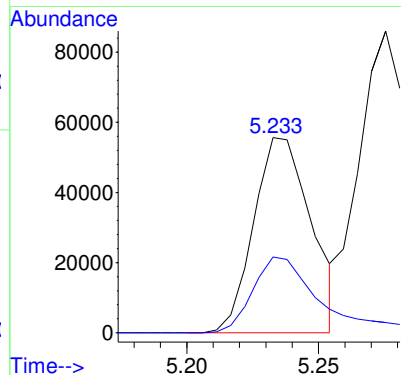
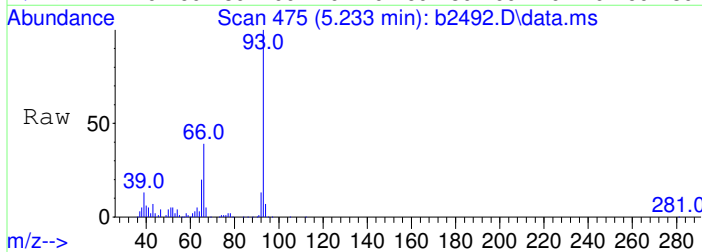
Tgt Ion: 74 Resp: 10952





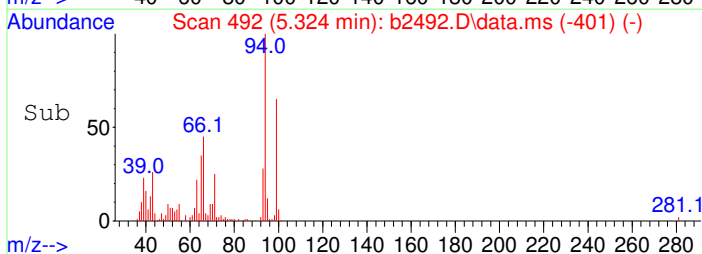
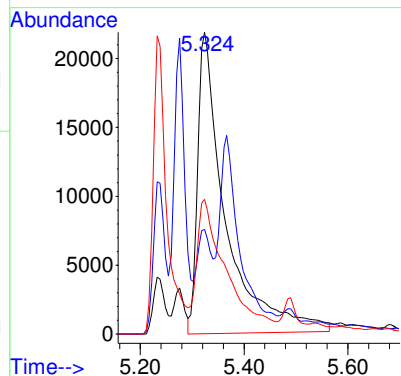
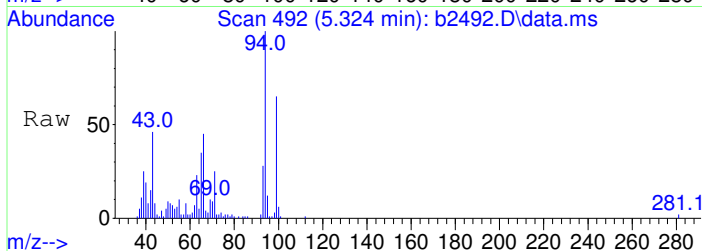
#7
Aniline
Concen: 12.24 ug
RT: 5.233 min Scan# 475
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

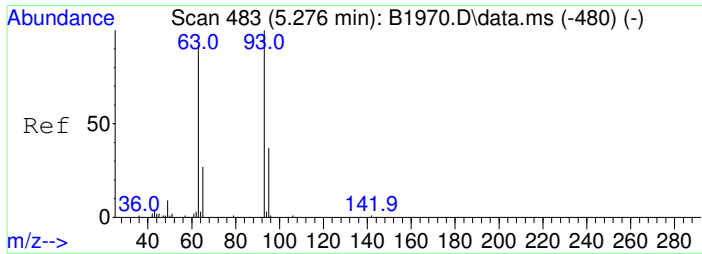
Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.3	31.4	47.2



#8
Phenol
Concen: 12.26 ug m
RT: 5.324 min Scan# 492
Delta R.T. -0.011 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

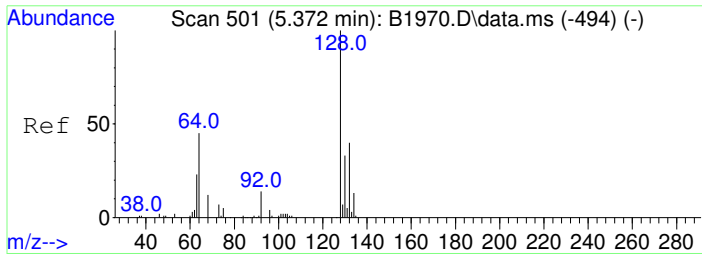
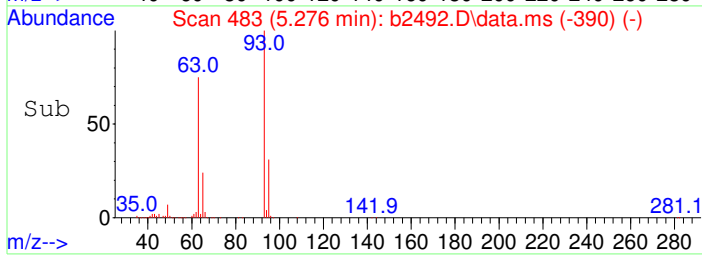
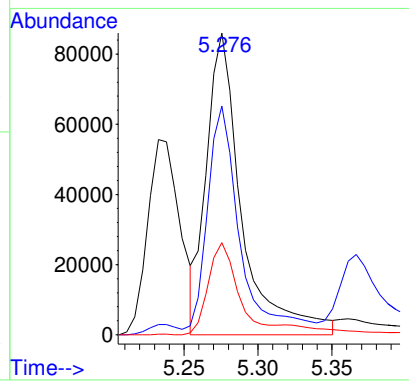
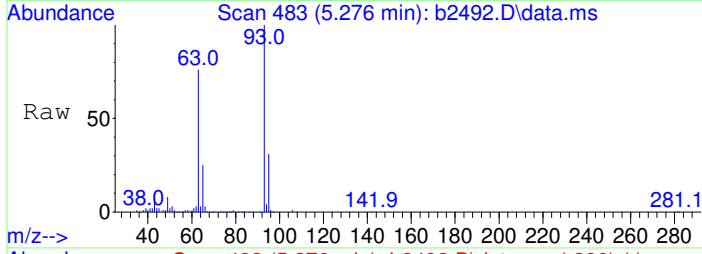
Tgt Ion	Ratio	Lower	Upper
94	100		
65	17.1	25.7	38.5#
66	43.2	33.5	50.3





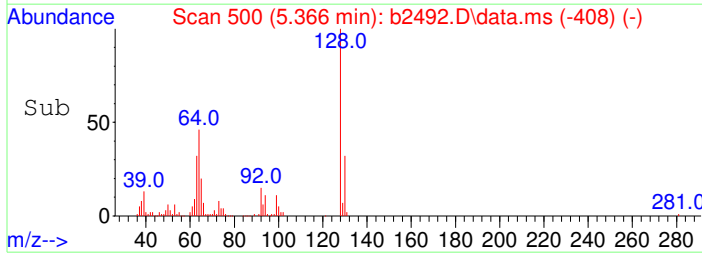
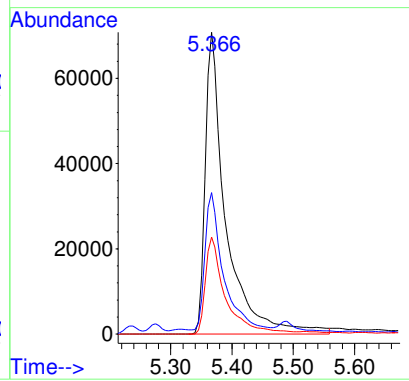
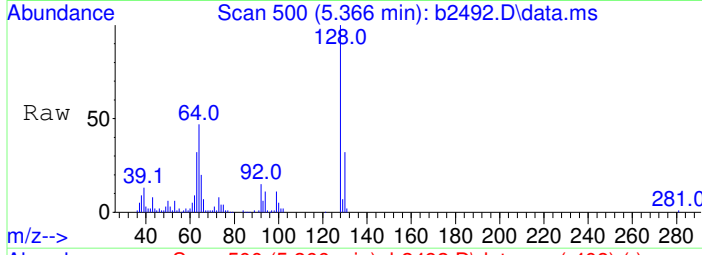
#9
 bis(2-Chloroethyl)ether
 Concen: 26.95 ug m
 RT: 5.276 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

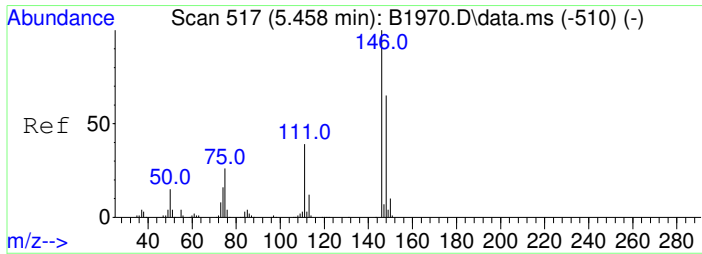
Tgt Ion	93	Resp	143822
Ion Ratio	100	Lower	Upper
63	66.5	67.0	100.4#
95	31.5	24.8	37.2



#10
 2-Chlorophenol
 Concen: 30.02 ug
 RT: 5.366 min Scan# 500
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

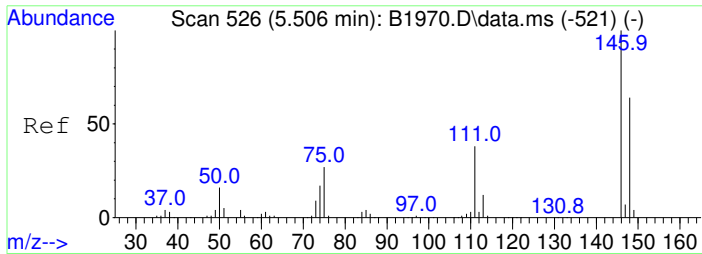
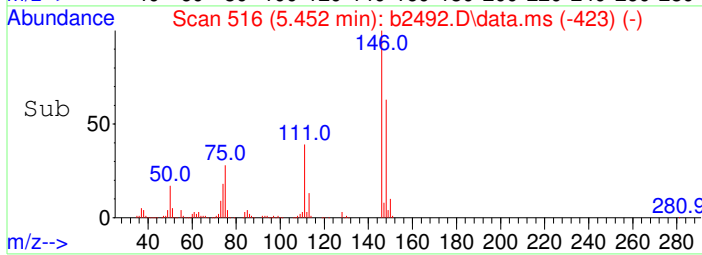
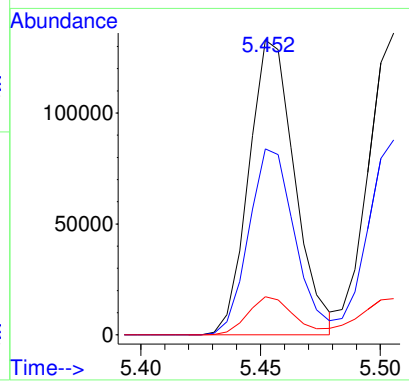
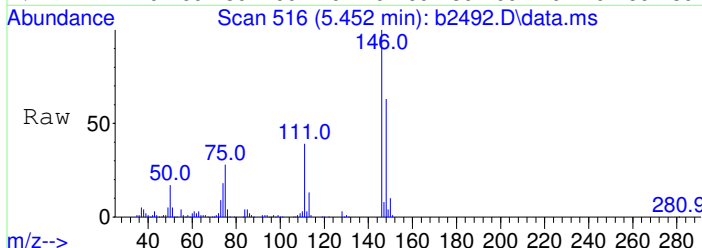
Tgt Ion	128	Resp	165808
Ion Ratio	100	Lower	Upper
64	40.5	29.4	44.2
130	31.4	25.9	38.9





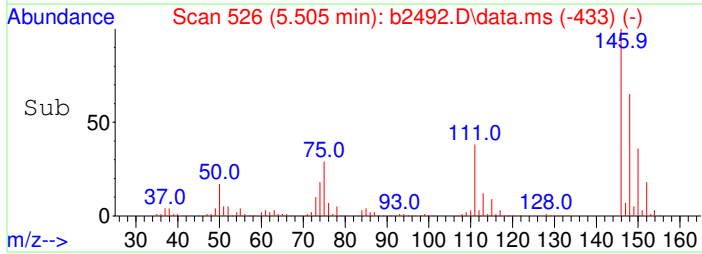
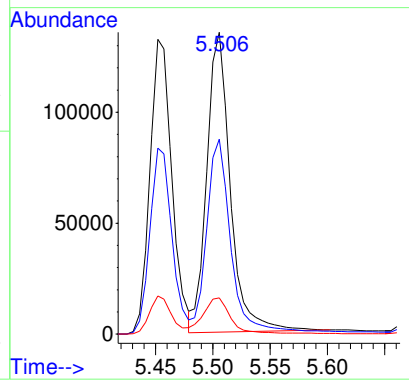
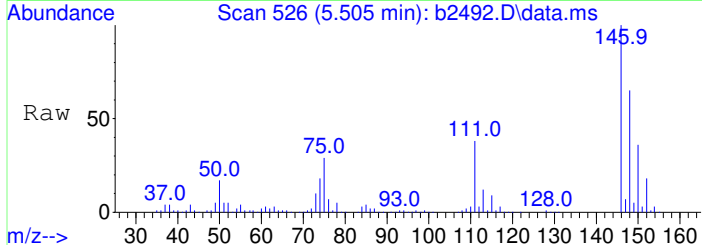
#11
 1,3-Dichlorobenzene
 Concen: 27.44 ug
 RT: 5.452 min Scan# 516
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

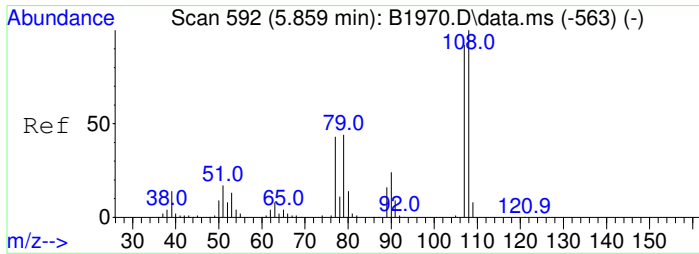
Tgt Ion:	146	Resp:	177612
Ion Ratio		Lower	Upper
146	100		
148	63.1	51.7	77.5
113	12.6	10.2	15.2



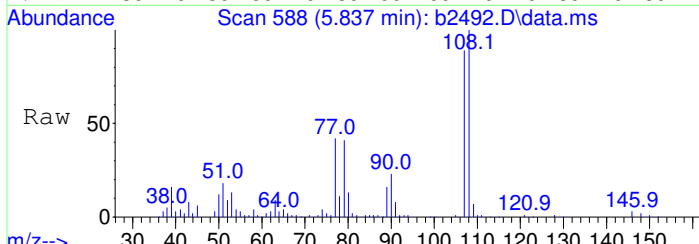
#12
 1,4-Dichlorobenzene
 Concen: 27.40 ug
 RT: 5.505 min Scan# 526
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

Tgt Ion:	146	Resp:	192670
Ion Ratio		Lower	Upper
146	100		
148	67.3	51.0	76.6
113	14.6	9.9	14.9

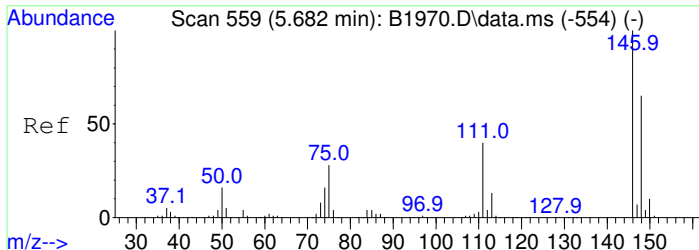
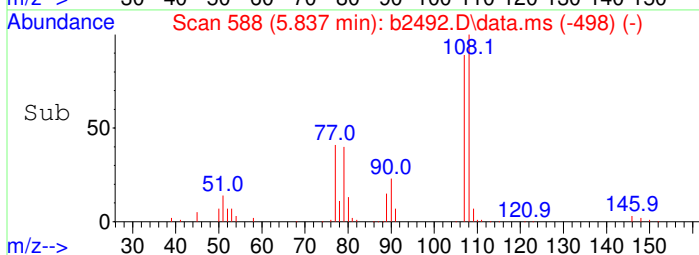
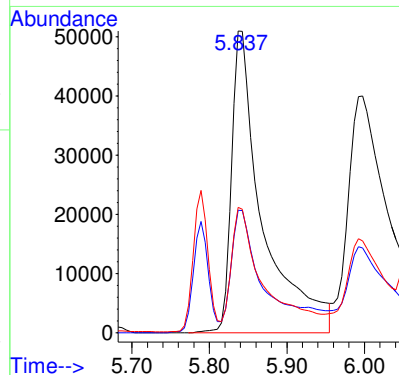




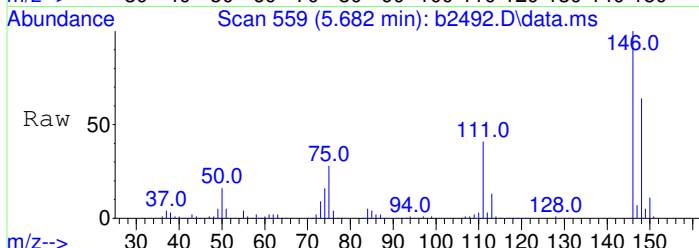
#13
Benzyl alcohol
Concen: 28.52 ug
RT: 5.837 min Scan# 588
Delta R.T. -0.016 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am



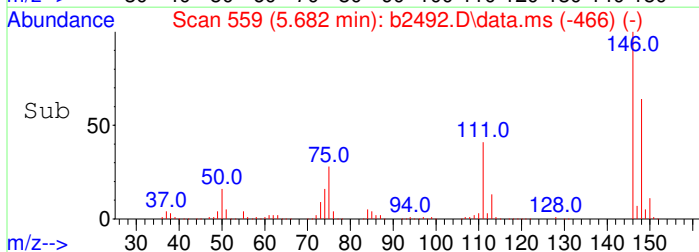
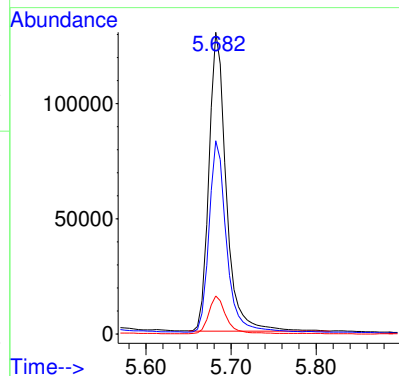
Tgt Ion	Ratio	Lower	Upper
108	100		
79	44.1	98.0	147.0#
77	41.8	65.7	98.5#

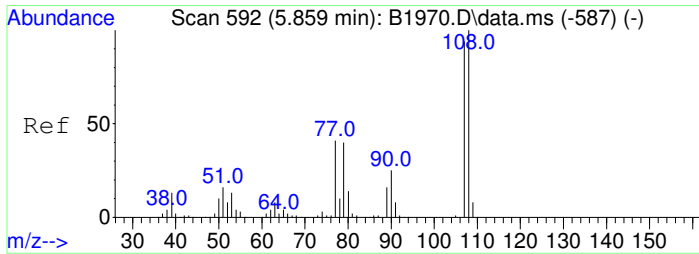


#14
1,2-Dichlorobenzene
Concen: 28.28 ug
RT: 5.682 min Scan# 559
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am



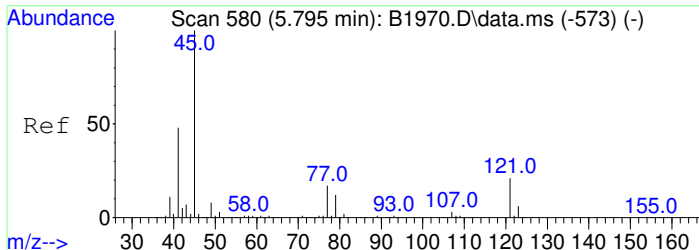
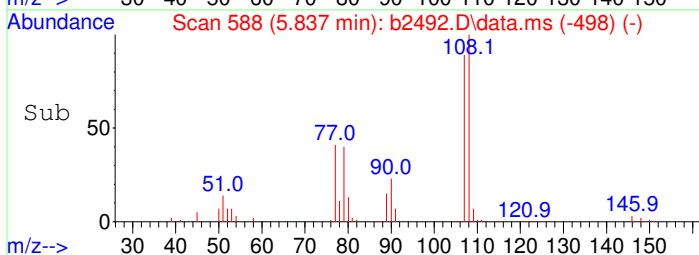
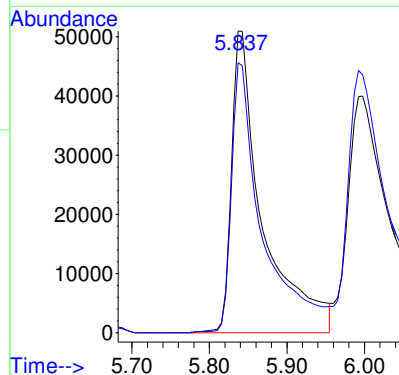
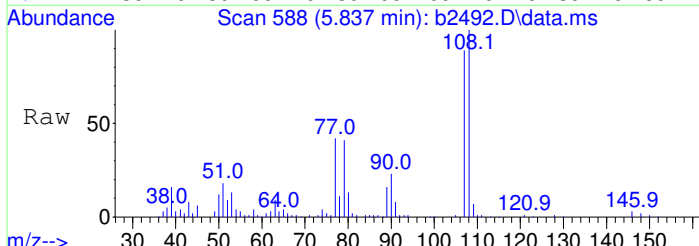
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
113	12.8	10.2	15.2





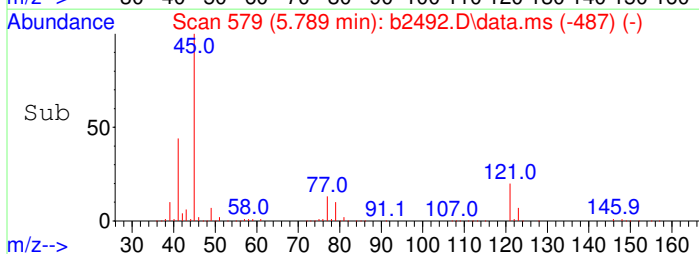
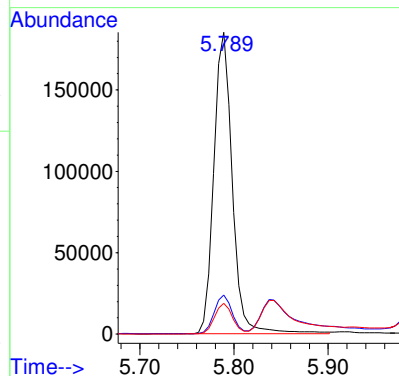
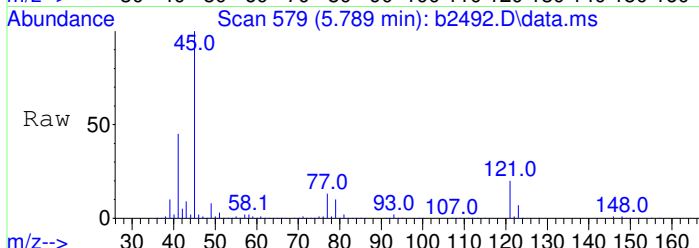
#15
2-Methylphenol
Concen: 28.52 ug
RT: 5.837 min Scan# 588
Delta R.T. -0.016 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

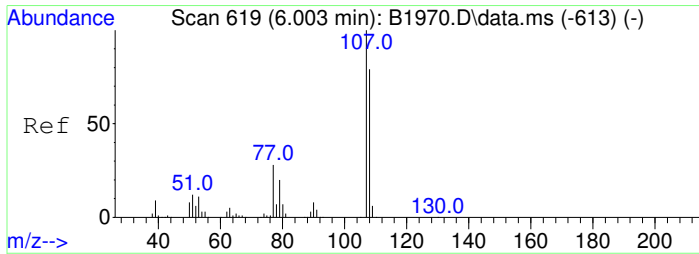
Tgt Ion	Ratio	Lower	Upper
108	100		
107	88.2	74.0	111.0



#16
bis(2-chloroisopropyl)
Concen: 38.25 ug
RT: 5.789 min Scan# 579
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

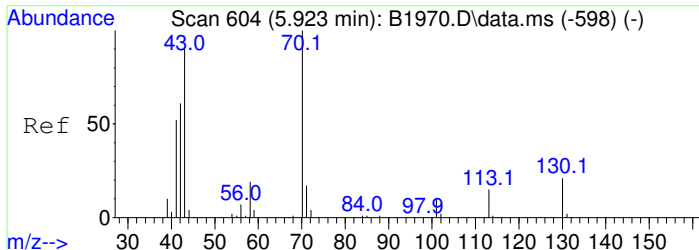
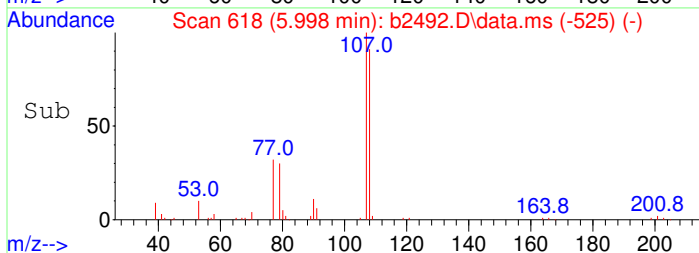
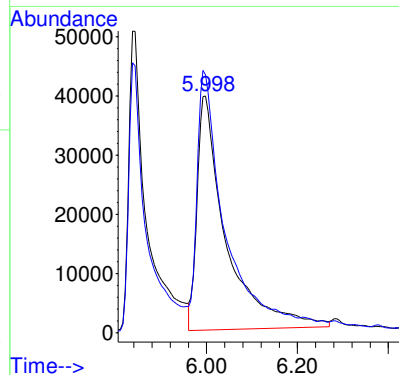
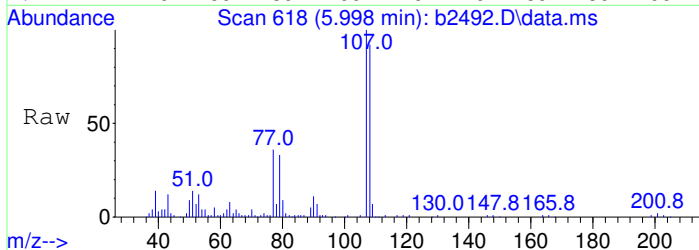
Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	11.9	17.9
79	10.0	8.1	12.1





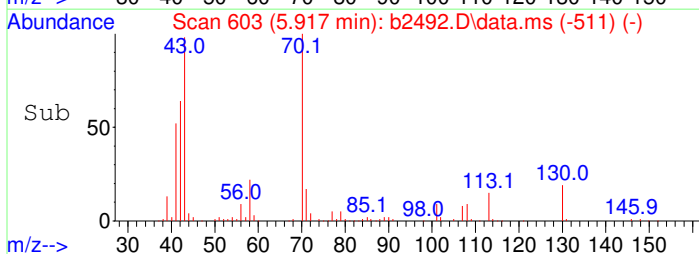
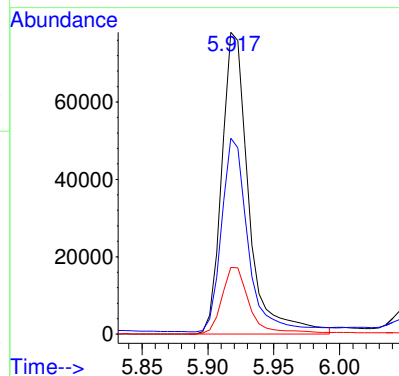
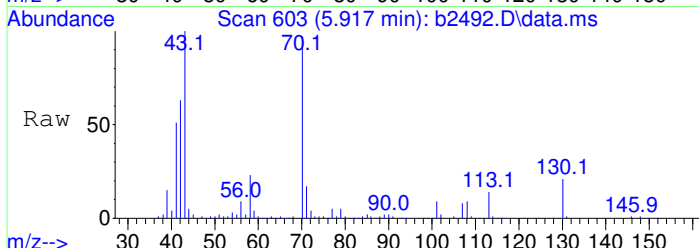
#18
4-Methylphenol
Concen: 30.73 ug
RT: 5.998 min Scan# 618
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

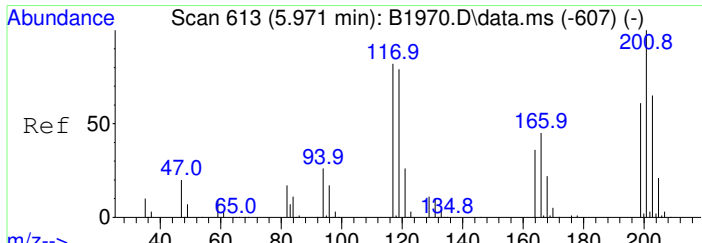
Tgt Ion	Ratio	Lower	Upper
108	100		
107	95.4	100.8	151.2#



#19
n-Nitroso-di-n-propyla
Concen: 28.56 ug
RT: 5.917 min Scan# 603
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

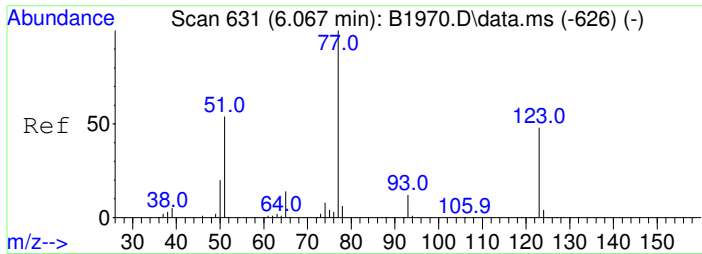
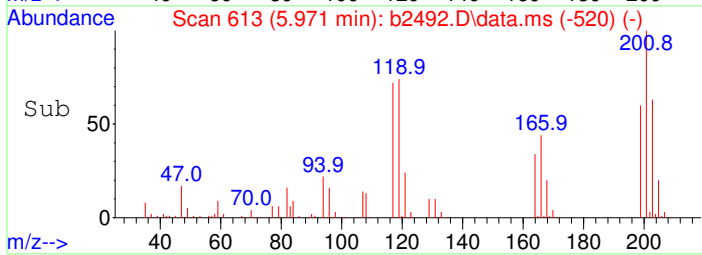
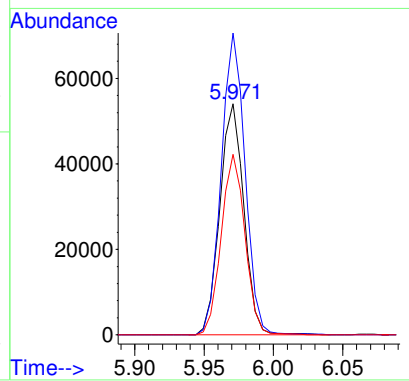
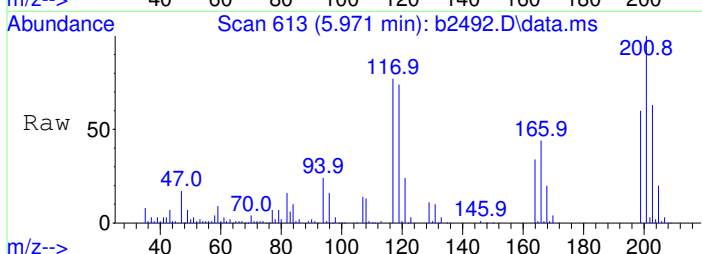
Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.4	55.4	83.2
130	23.7	16.2	24.4





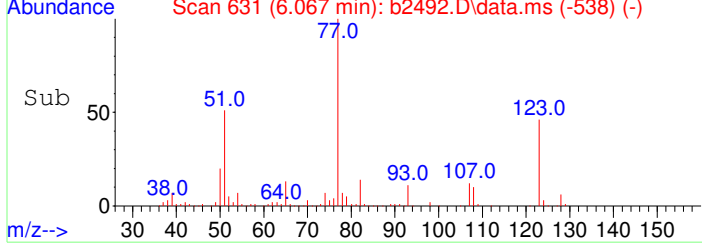
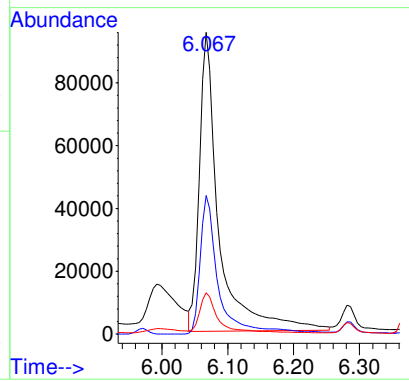
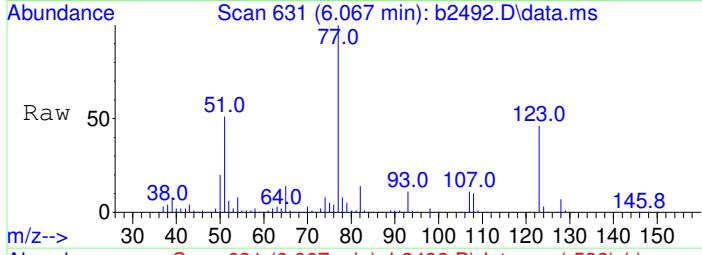
#20
Hexachloroethane
Concen: 27.14 ug
RT: 5.971 min Scan# 613
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

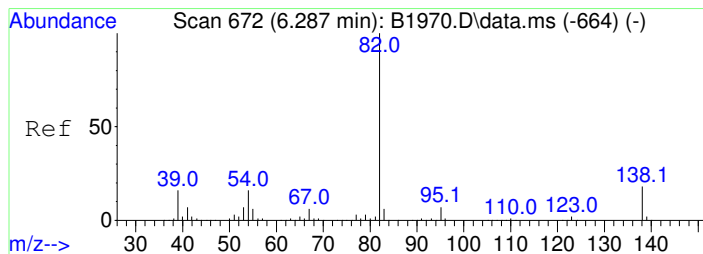
Tgt Ion:117	Resp:	65430
Ion Ratio	Lower	Upper
117	100	
201	129.3	100.1 150.1
199	77.1	60.1 90.1



#23
Nitrobenzene
Concen: 32.75 ug
RT: 6.067 min Scan# 631
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

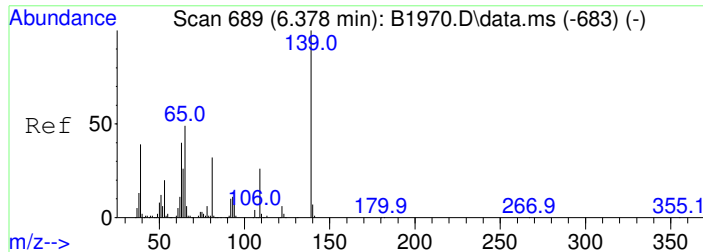
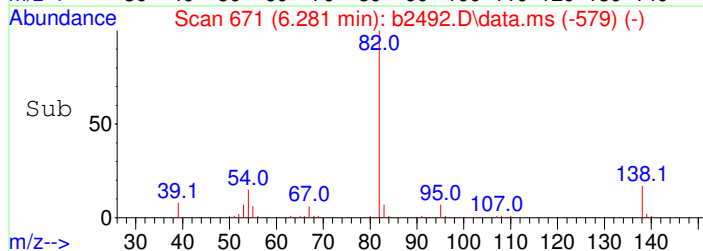
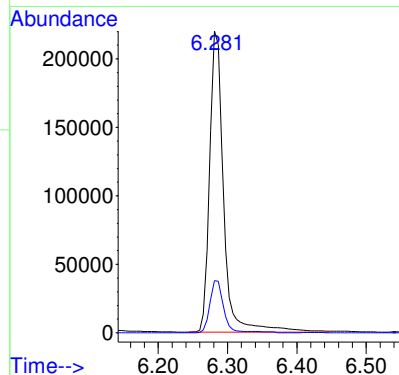
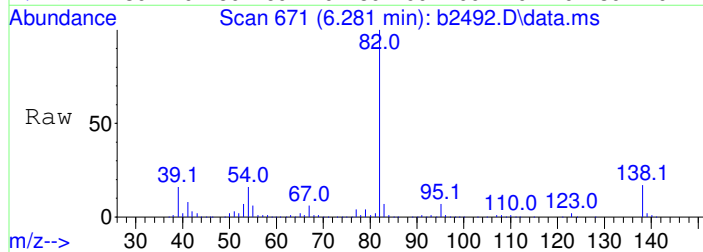
Tgt Ion: 77	Resp:	196961
Ion Ratio	Lower	Upper
77	100	
123	43.2	35.2 52.8
65	12.4	11.2 16.8





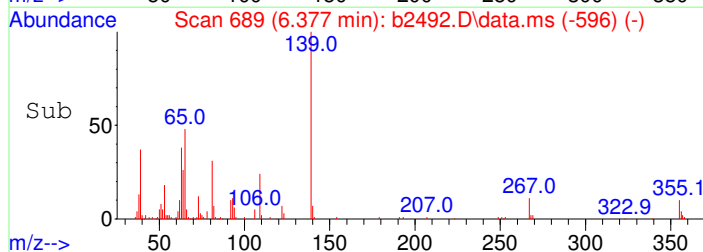
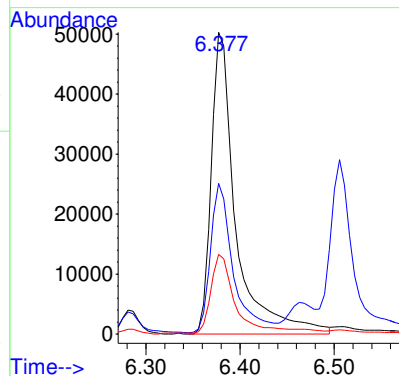
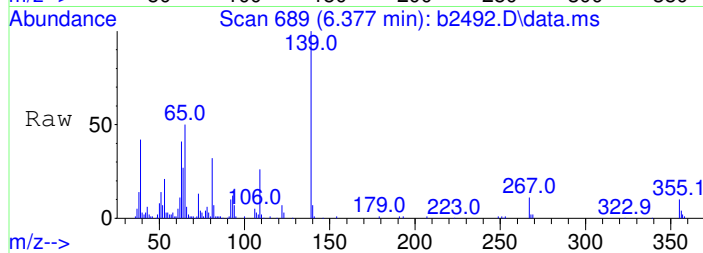
#24
Isophorone
Concen: 43.55 ug
RT: 6.281 min Scan# 671
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

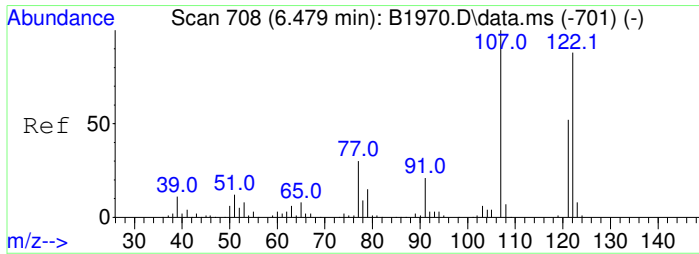
Tgt Ion: 82 Resp: 308723
Ion Ratio Lower Upper
82 100
138 17.4 14.2 21.2



#25
2-Nitrophenol
Concen: 29.65 ug
RT: 6.377 min Scan# 689
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

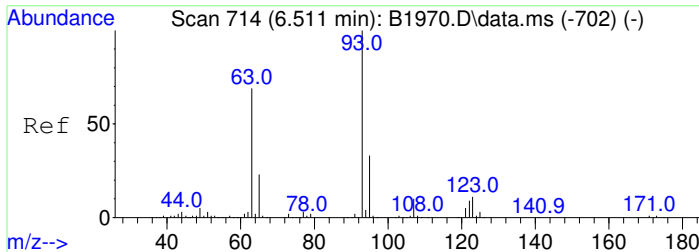
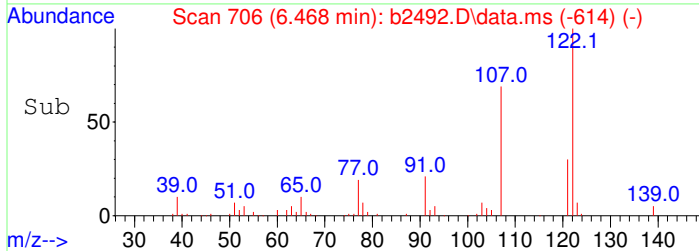
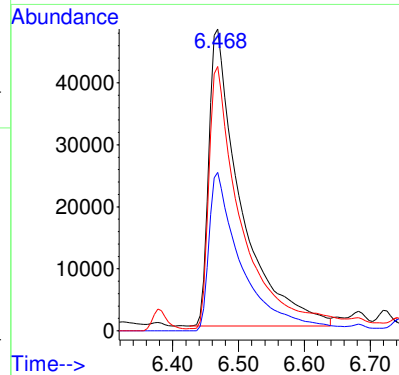
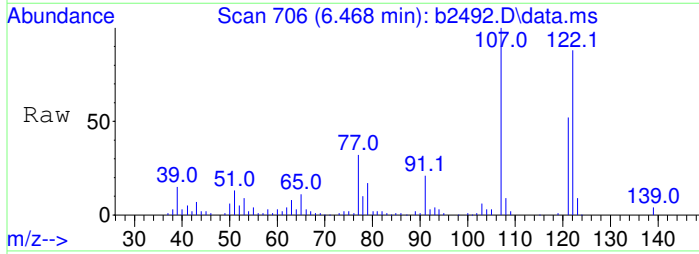
Tgt Ion: 139 Resp: 91554
Ion Ratio Lower Upper
139 100
65 45.5 39.7 59.5
109 26.3 21.1 31.7





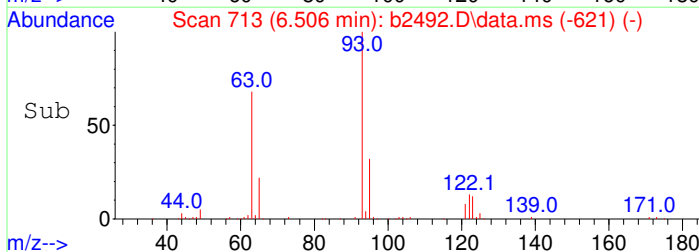
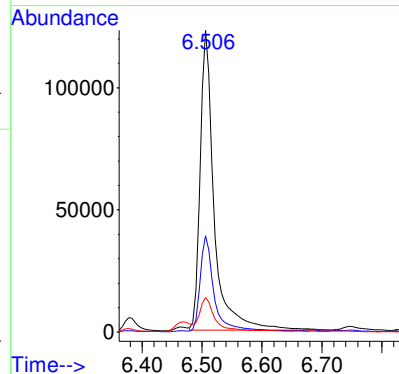
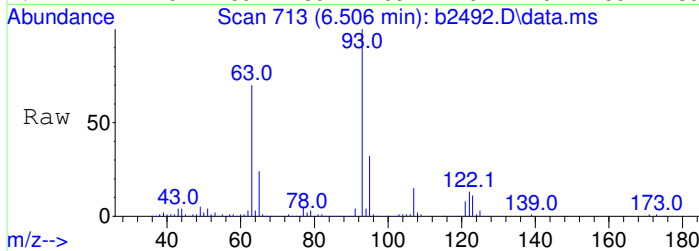
#26
2,4-Dimethylphenol
Concen: 34.42 ug
RT: 6.468 min Scan# 706
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

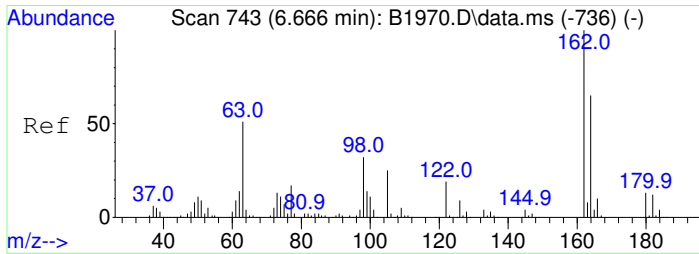
Tgt Ion	Ratio	Lower	Upper
107	100		
121	55.4	40.3	60.5
122	90.4	69.0	103.4



#27
bis(2-Chloroethoxy)met
Concen: 32.89 ug
RT: 6.506 min Scan# 713
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

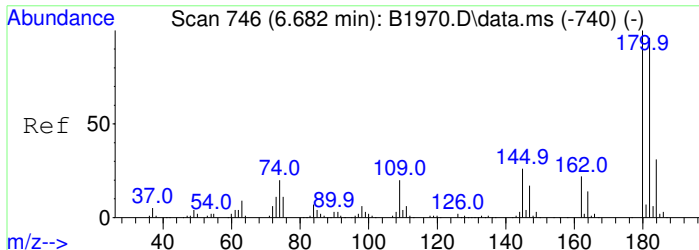
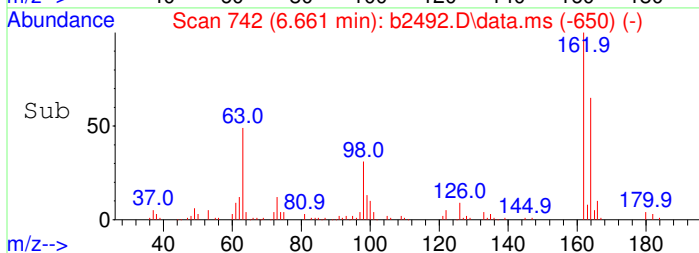
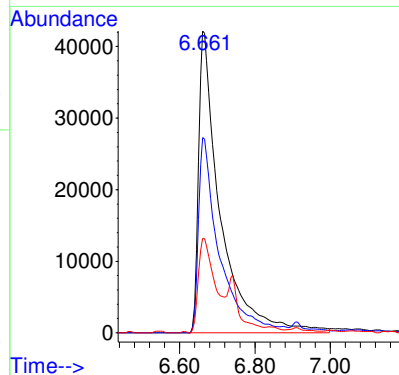
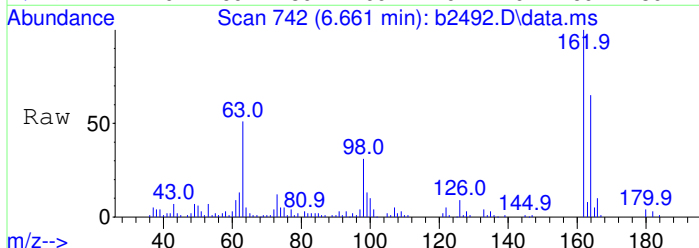
Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	26.0	39.0
123	12.4	9.4	14.2





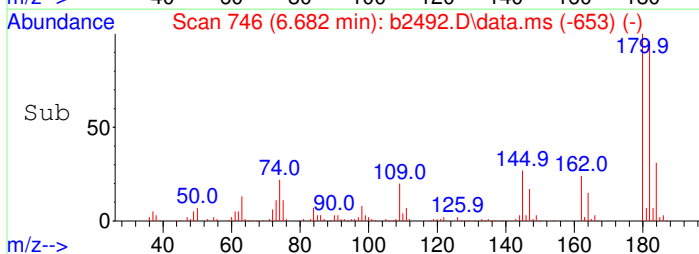
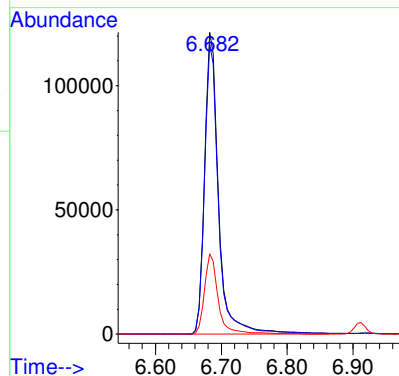
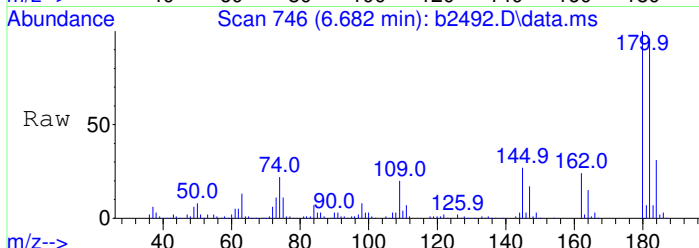
#28
 2,4-Dichlorophenol
 Concen: 32.73 ug
 RT: 6.661 min Scan# 742
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

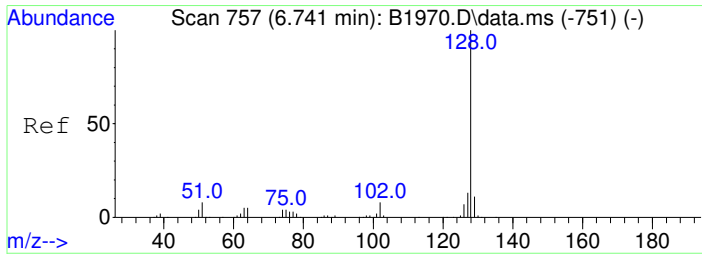
Tgt Ion:162	Resp:	169001	
Ion Ratio	Lower	Upper	
162	100		
164	61.7	51.4	77.2
98	24.0	25.7	38.5#



#29
 1,2,4-Trichlorobenzene
 Concen: 28.58 ug
 RT: 6.682 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

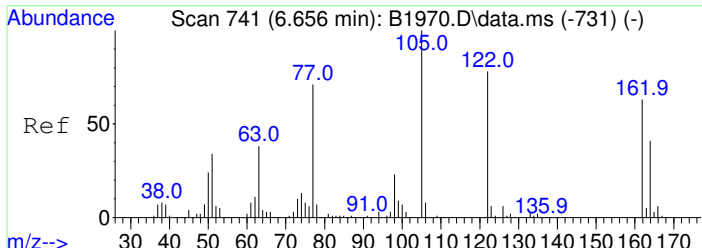
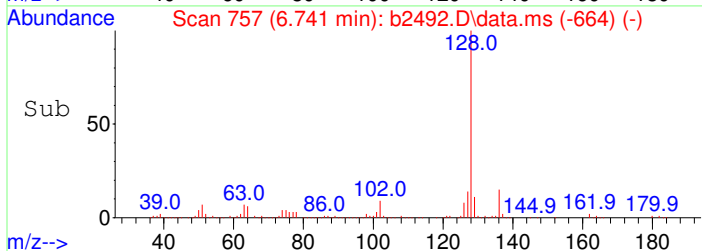
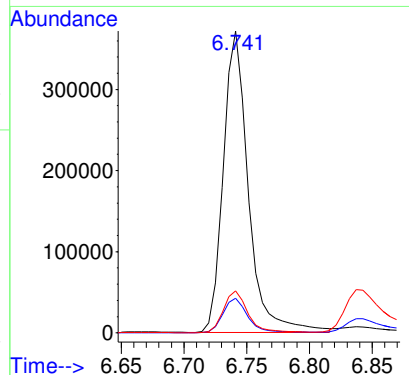
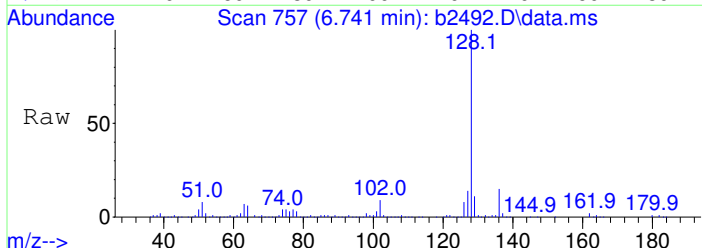
Tgt Ion:180	Resp:	180079	
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.3	115.9
145	26.0	21.0	31.6





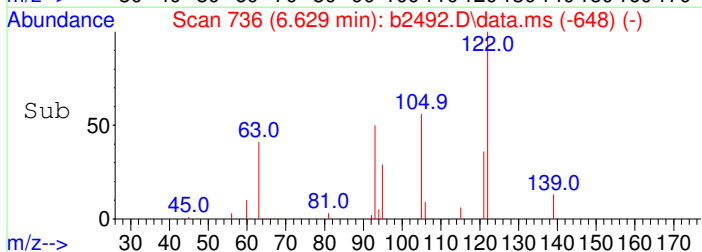
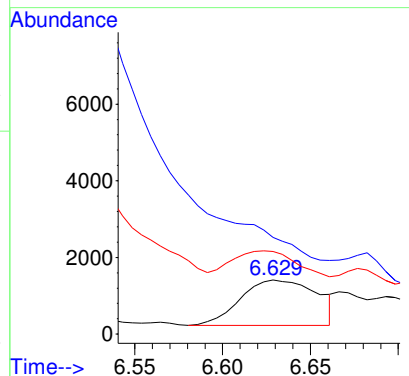
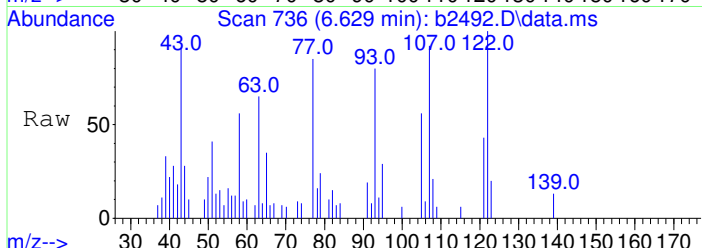
#30
Naphthalene
Concen: 31.05 ug
RT: 6.741 min Scan# 757
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

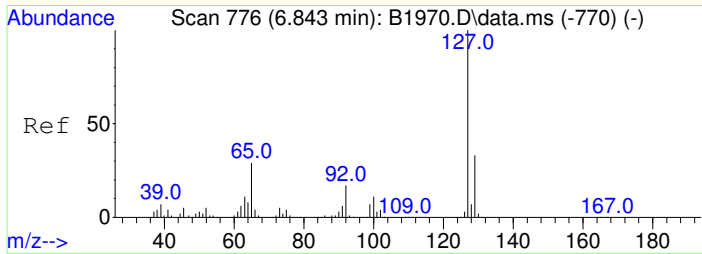
Tgt Ion:128	Resp: 516076
Ion Ratio	Lower Upper
128 100	
129 11.7	8.6 13.0
127 13.6	10.8 16.2



#31
Benzoic Acid
Concen: Below Cal
RT: 6.629 min Scan# 736
Delta R.T. -0.027 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

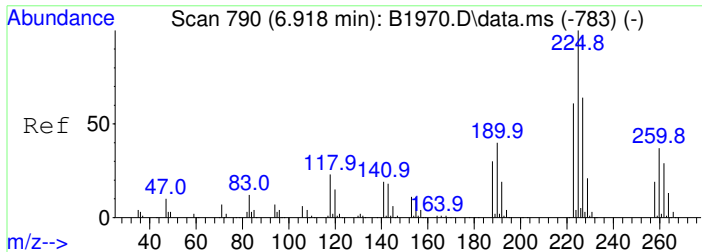
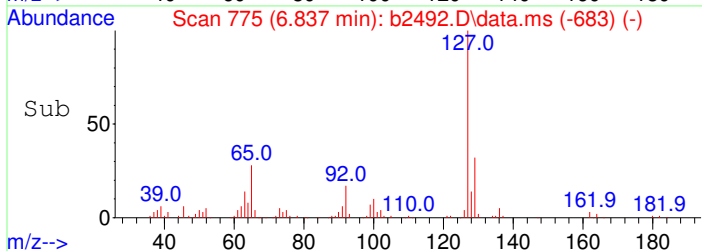
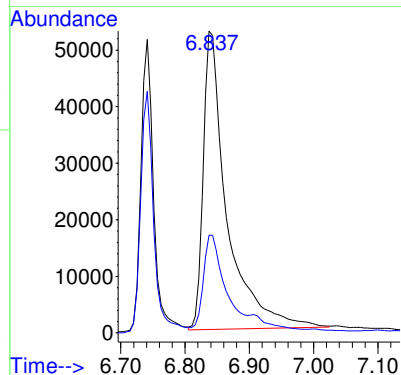
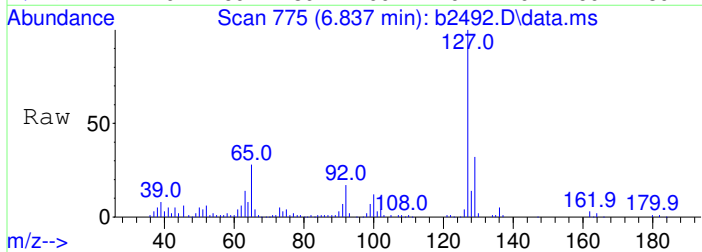
Tgt Ion:105	Resp: 3611
Ion Ratio	Lower Upper
105 100	
122 0.0	65.7 98.5#
77 44.2	59.5 89.3#





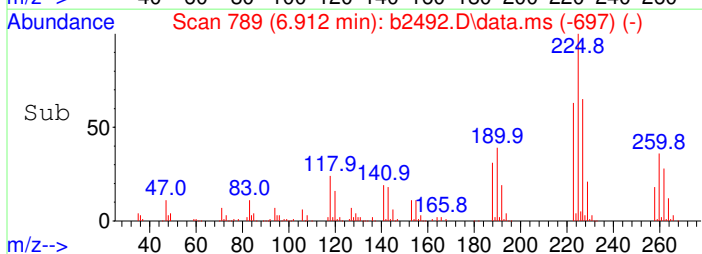
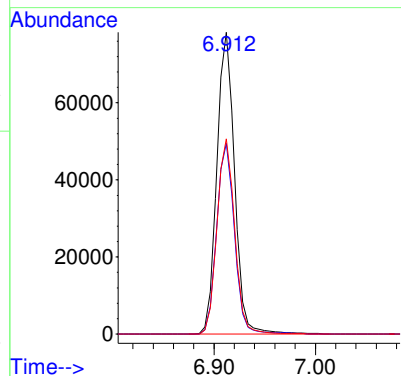
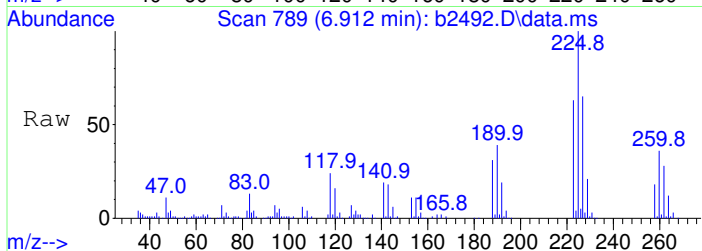
#32
 4-Chloroaniline
 Concen: 19.85 ug
 RT: 6.837 min Scan# 775
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

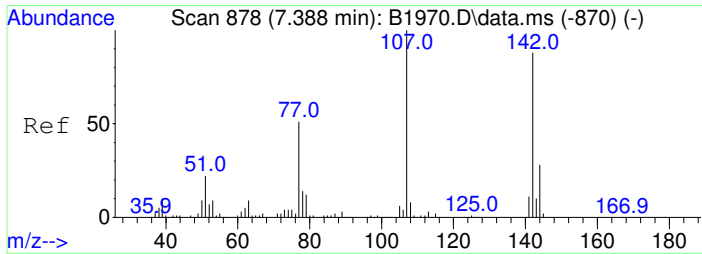
Tgt Ion:127 Resp: 135399
 Ion Ratio Lower Upper
 127 100
 129 33.3 25.8 38.8



#33
 Hexachlorobutadiene
 Concen: 23.62 ug
 RT: 6.912 min Scan# 789
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

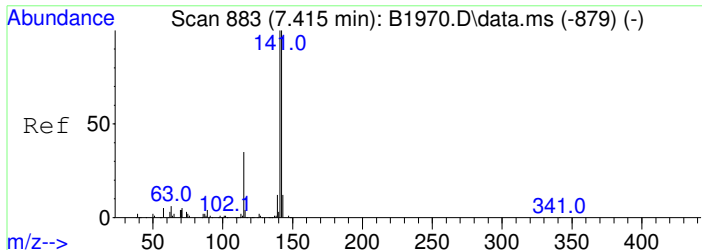
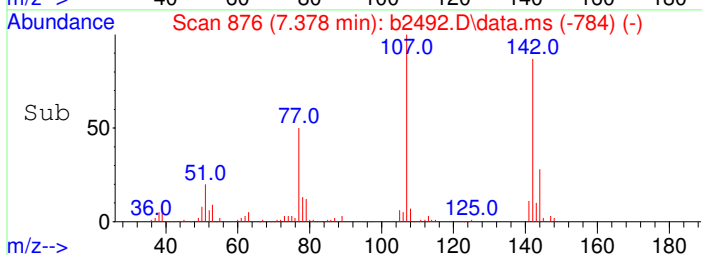
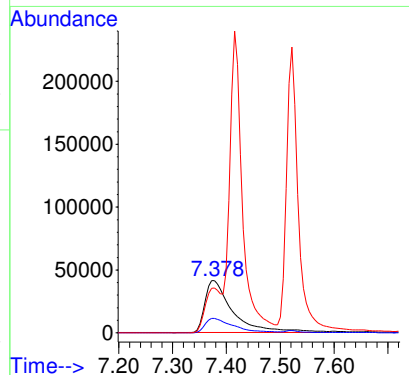
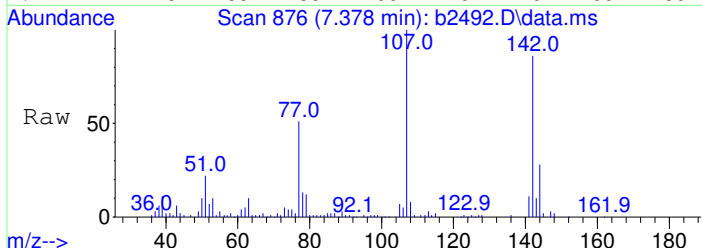
Tgt Ion:225 Resp: 95249
 Ion Ratio Lower Upper
 225 100
 223 63.5 50.3 75.5
 227 64.7 51.0 76.4





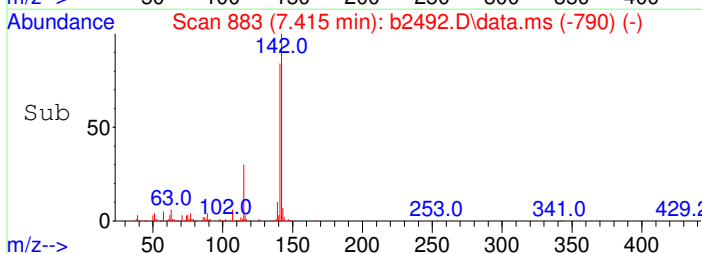
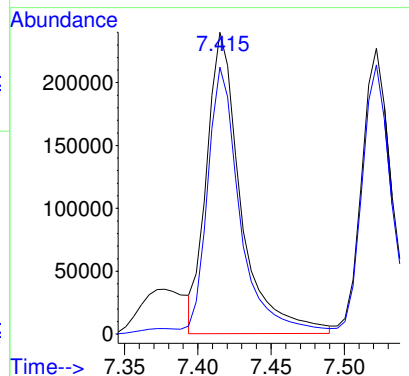
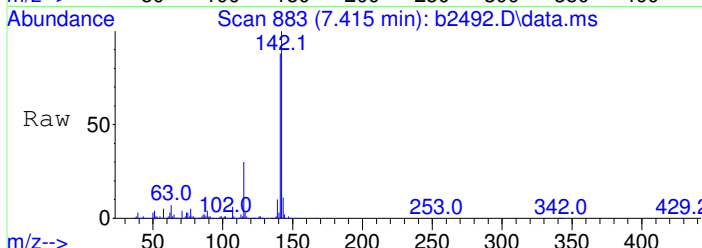
#35
 4-Chloro-3-methylphenol
 Concen: 32.28 ug
 RT: 7.378 min Scan# 876
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

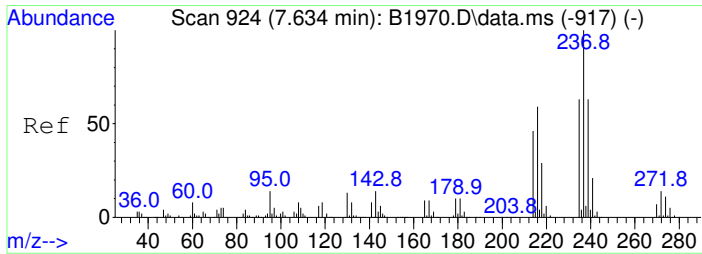
Tgt Ion:107	Resp:	150766	
Ion Ratio	Lower	Upper	
107	100		
144	28.5	25.2	37.8
142	45.3	553.0	829.6#



#36
 2-Methylnaphthalene
 Concen: 30.11 ug
 RT: 7.415 min Scan# 883
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

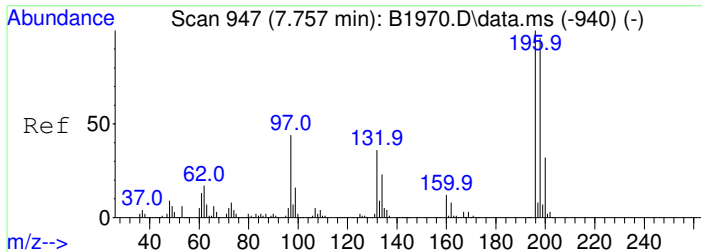
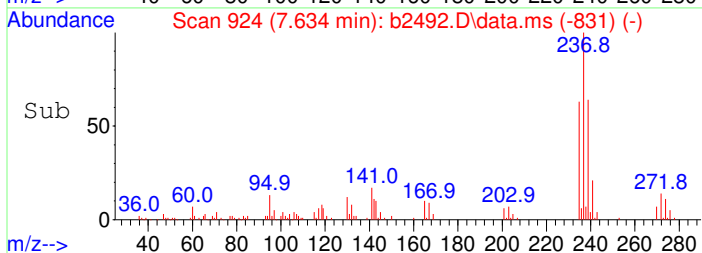
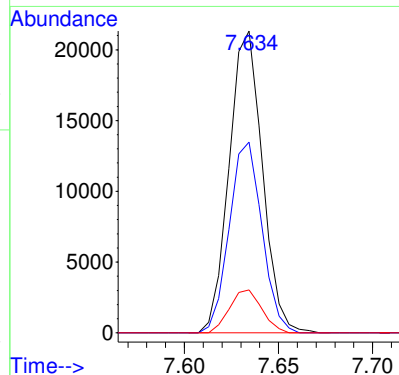
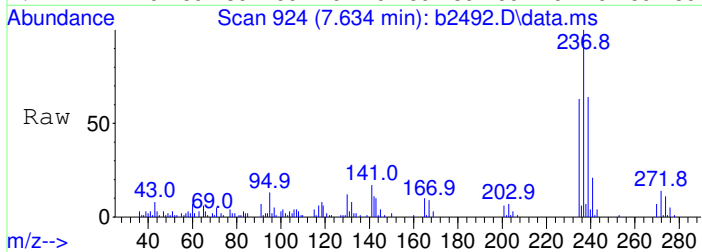
Tgt Ion:142	Resp:	391140	
Ion Ratio	Lower	Upper	
142	100		
141	84.2	65.0	97.4





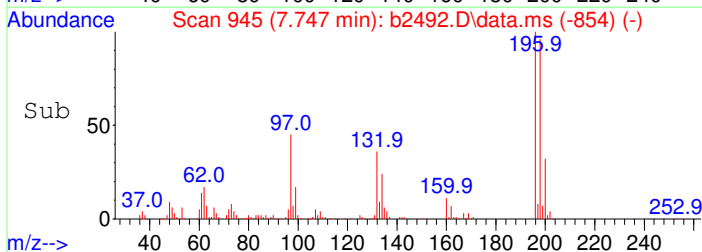
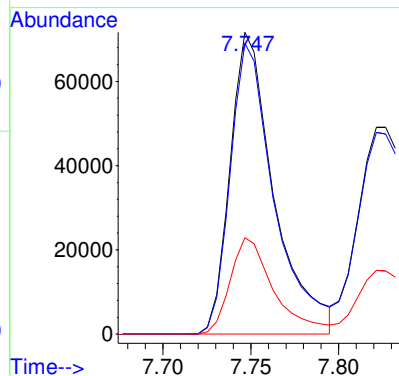
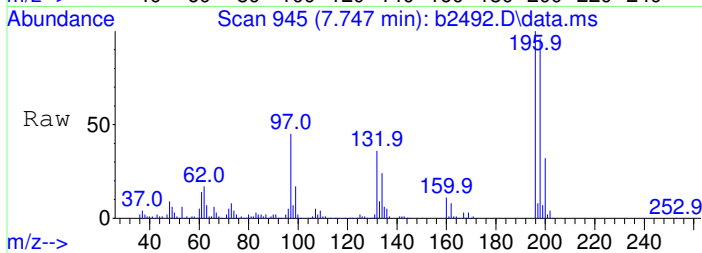
#38
Hexachlorocyclopentadiene
Concen: 13.57 ug
RT: 7.634 min Scan# 924
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

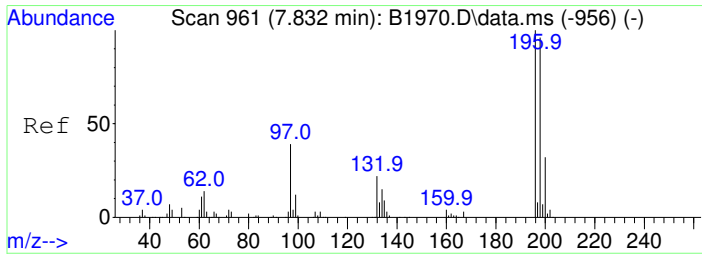
Tgt Ion:237	Resp:	26295
Ion Ratio	Lower	Upper
237	100	
235	62.1	50.7 76.1
272	13.8	10.9 16.3



#39
2,4,6-Trichlorophenol
Concen: 30.86 ug
RT: 7.747 min Scan# 945
Delta R.T. -0.011 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

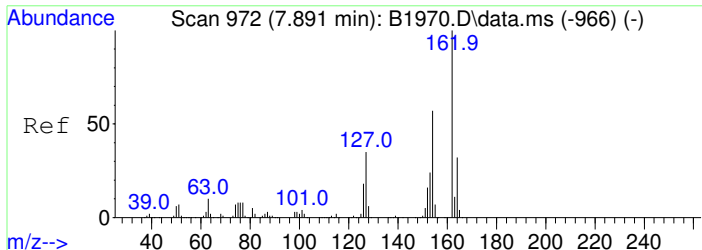
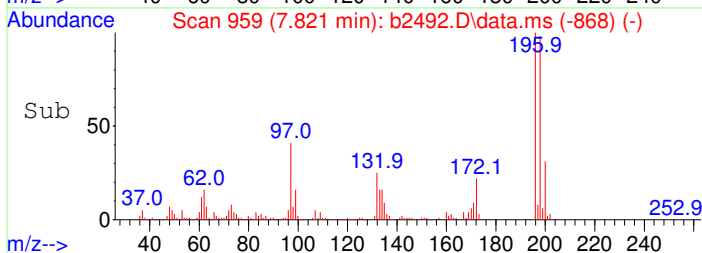
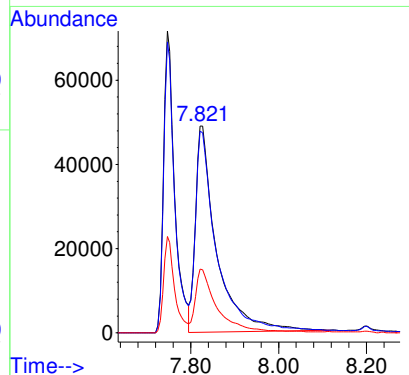
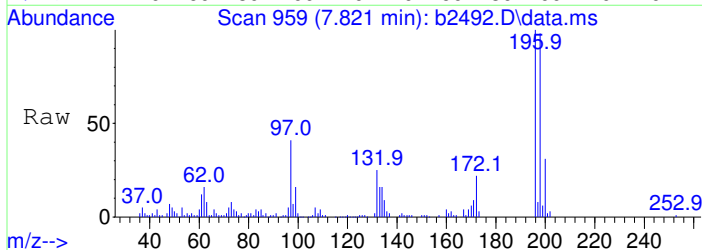
Tgt Ion:196	Resp:	124972
Ion Ratio	Lower	Upper
196	100	
198	96.4	75.6 113.4
200	31.8	25.0 37.6





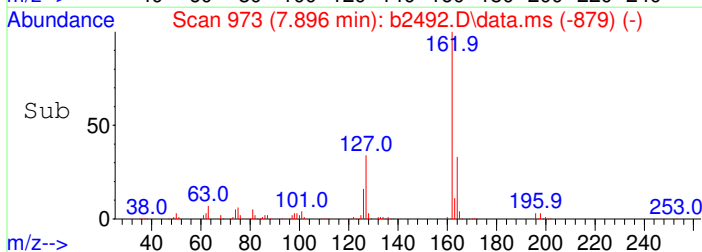
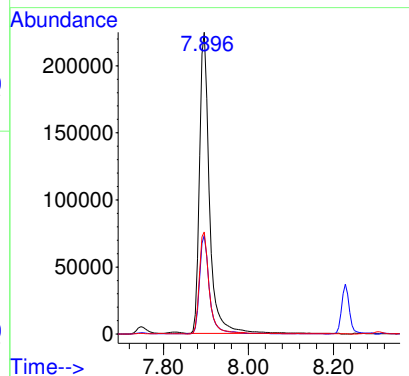
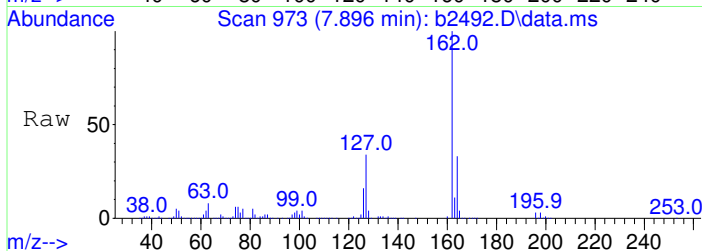
#40
 2,4,5-Trichlorophenol
 Concen: 34.59 ug
 RT: 7.821 min Scan# 959
 Delta R.T. -0.011 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

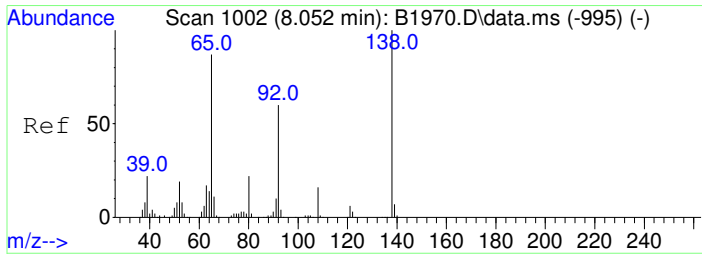
Tgt Ion:196	Resp:	163166
Ion Ratio	Lower	Upper
196	100	
198	101.3	75.8 113.8
200	31.3	25.0 37.4



#43
 2-Chloronaphthalene
 Concen: 30.21 ug
 RT: 7.896 min Scan# 973
 Delta R.T. 0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

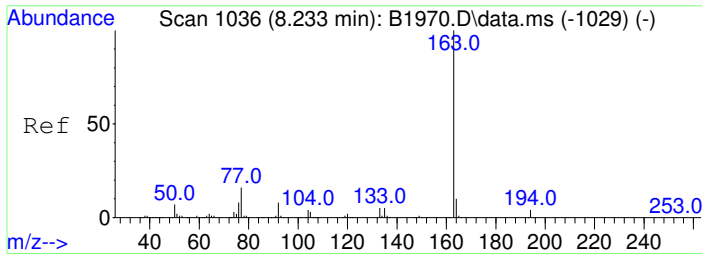
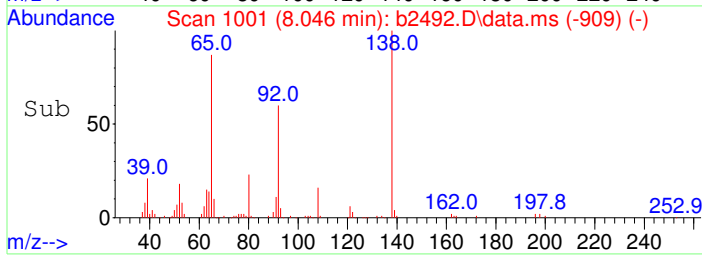
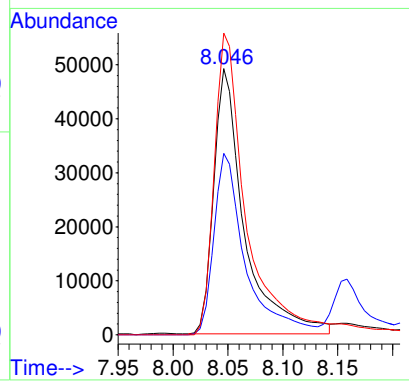
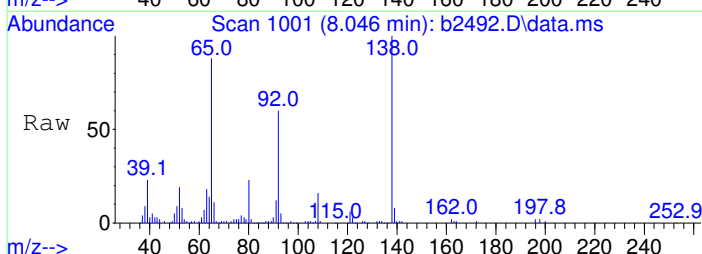
Tgt Ion:162	Resp:	363012
Ion Ratio	Lower	Upper
162	100	
164	32.1	26.9 40.3
127	33.6	29.1 43.7





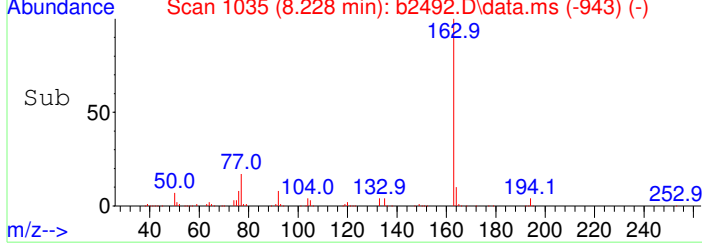
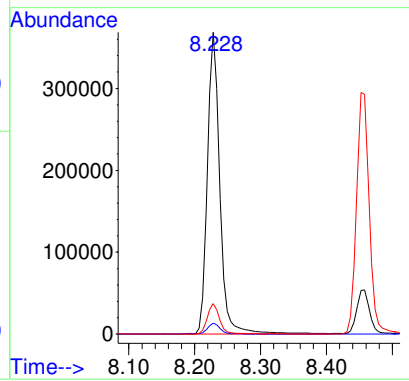
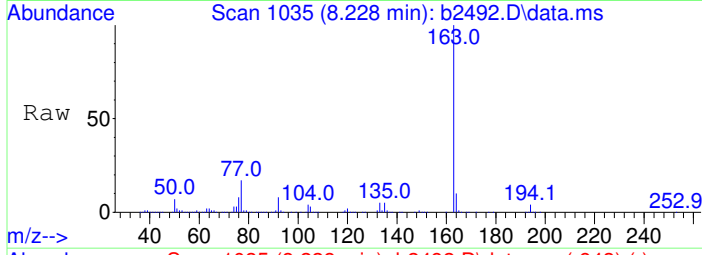
#44
 2-Nitroaniline
 Concen: 29.94 ug
 RT: 8.046 min Scan# 1001
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

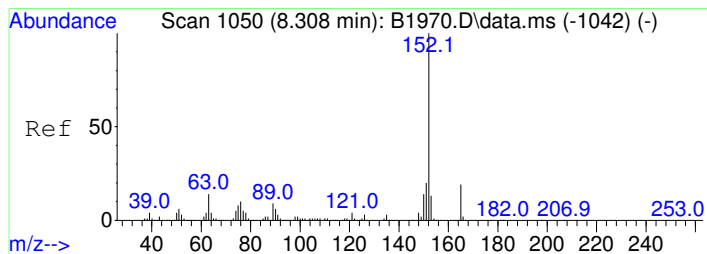
Tgt Ion:	65	Resp:	96175
Ion Ratio	Lower	Upper	
65	100		
92	69.6	59.8	89.8
138	122.6	122.2	183.4



#45
 Dimethylphthalate
 Concen: 35.68 ug
 RT: 8.228 min Scan# 1035
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

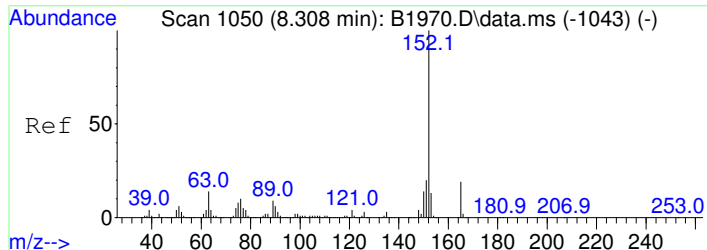
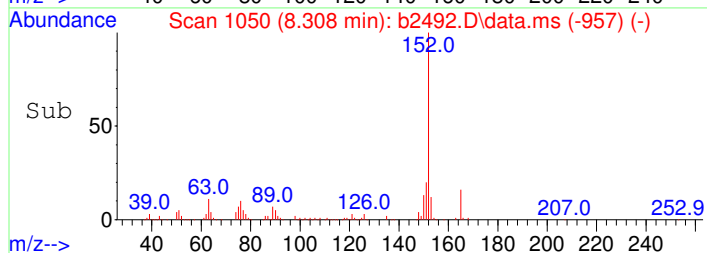
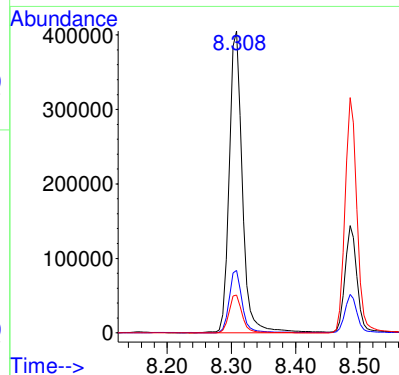
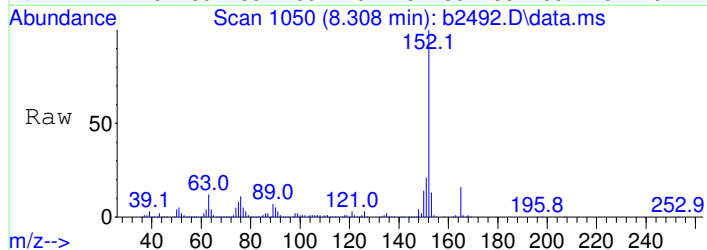
Tgt Ion:	163	Resp:	485815
Ion Ratio	Lower	Upper	
163	100		
194	3.7	5.7	8.5#
164	10.0	8.2	12.2





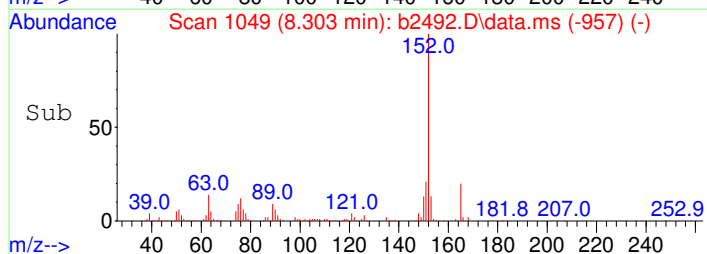
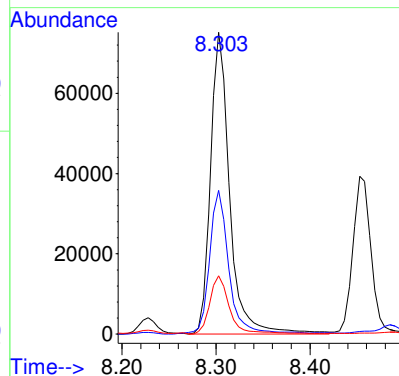
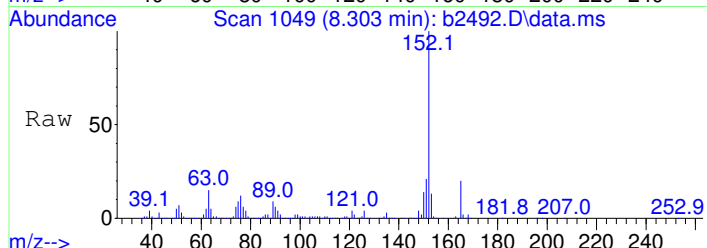
#46
Acenaphthylene
Concen: 36.15 ug
RT: 8.308 min Scan# 1050
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

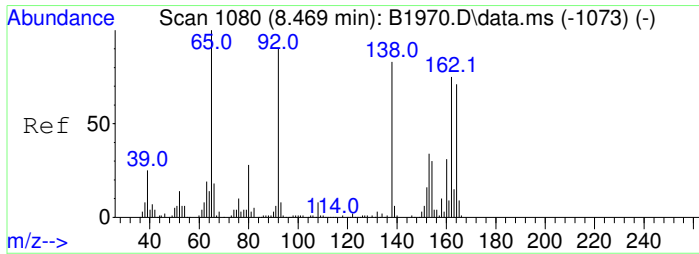
Tgt Ion:	152	Resp:	575063
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.6
153	12.8	10.7	16.1



#47
2,6-Dinitrotoluene
Concen: 36.01 ug
RT: 8.303 min Scan# 1049
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

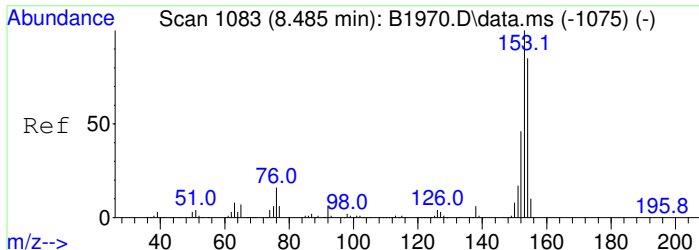
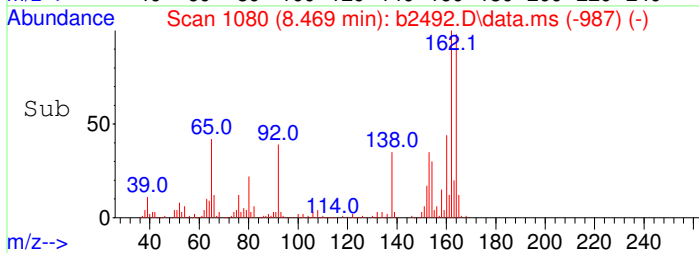
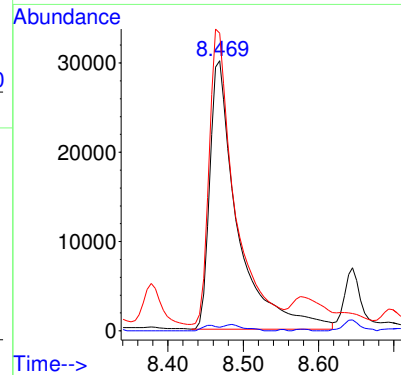
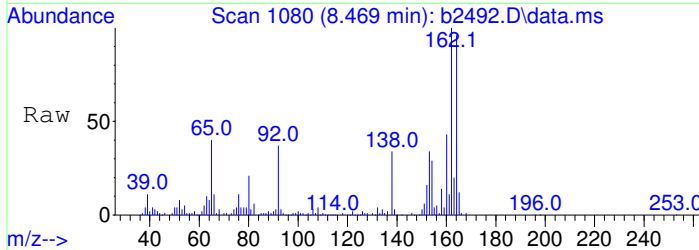
Tgt Ion:	165	Resp:	106391
Ion Ratio	Lower	Upper	
165	100		
89	48.2	38.0	57.0
121	20.3	15.6	23.4





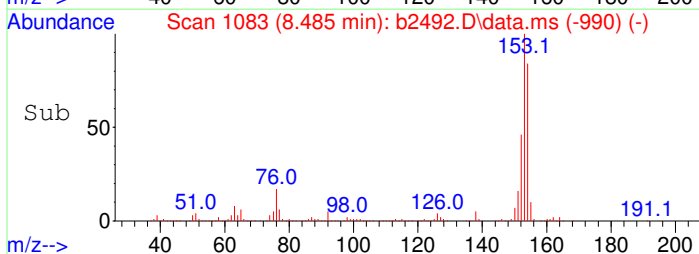
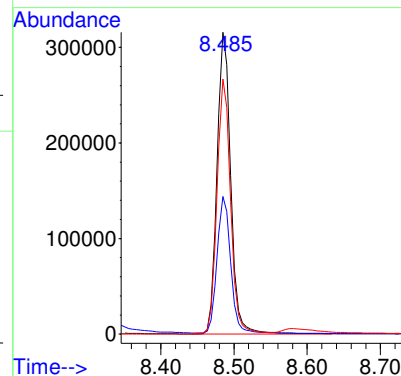
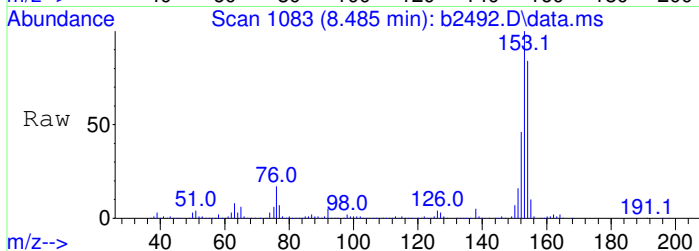
#48
 3-Nitroaniline
 Concen: 25.84 ug
 RT: 8.469 min Scan# 1080
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

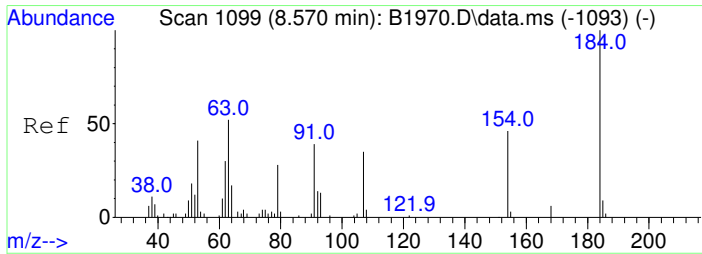
Tgt Ion	Ratio	Lower	Upper
138	100		
109	1.1	1.2	1.8#
92	99.0	44.2	66.2#



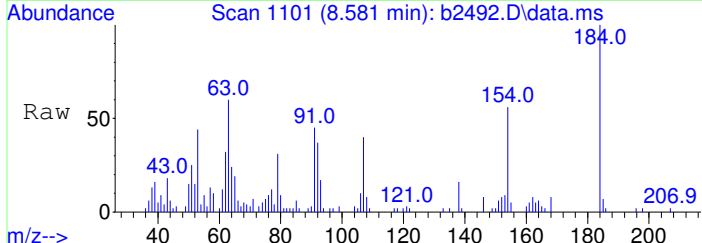
#49
 Acenaphthene
 Concen: 35.31 ug
 RT: 8.485 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.8	56.8
154	84.1	74.1	111.1

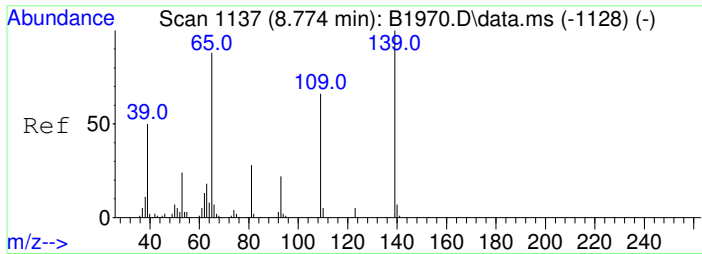
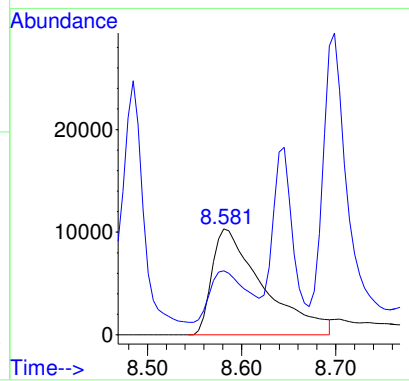
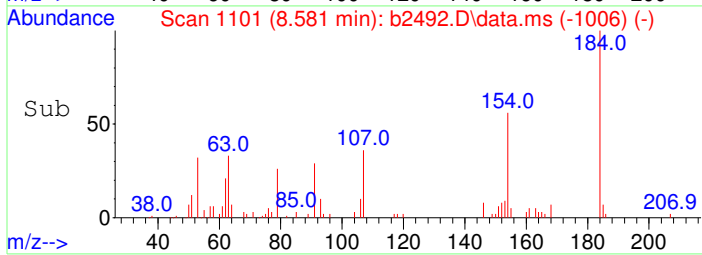




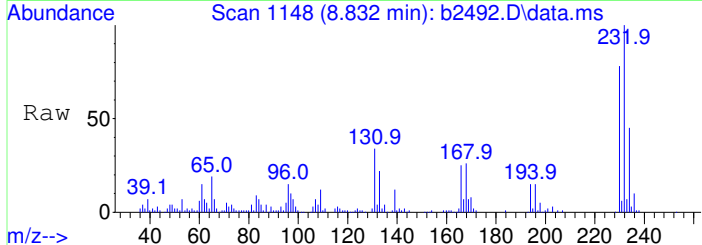
#50
2,4-Dinitrophenol
Concen: 41.92 ug
RT: 8.581 min Scan# 1101
Delta R.T. 0.011 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am



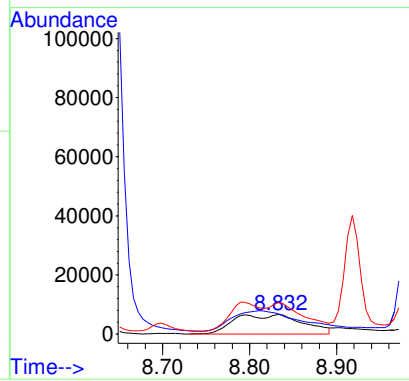
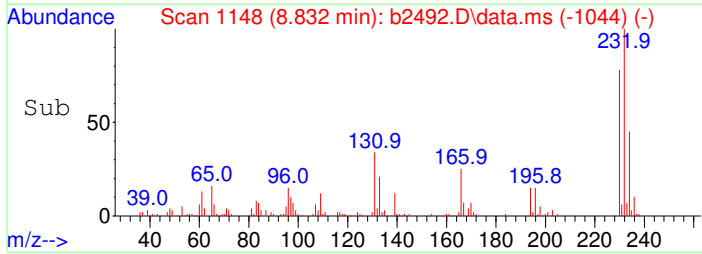
Tgt Ion:184 Resp: 39130
Ion Ratio Lower Upper
184 100
63 39.2 46.2 69.4#

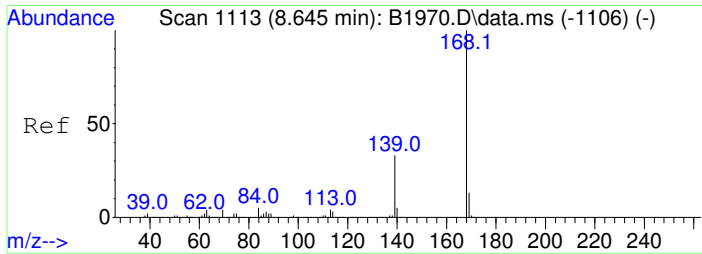


#51
4-Nitrophenol
Concen: 26.46 ug m
RT: 8.832 min Scan# 1148
Delta R.T. 0.059 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am



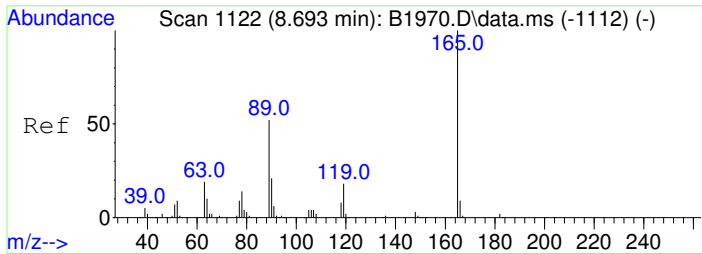
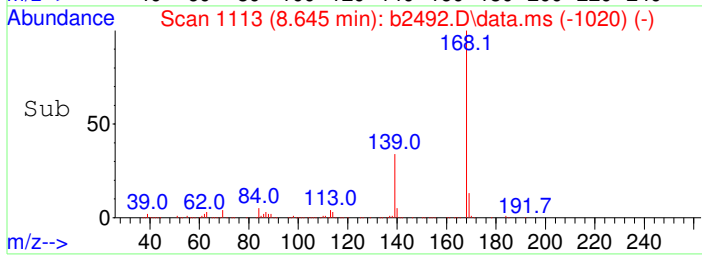
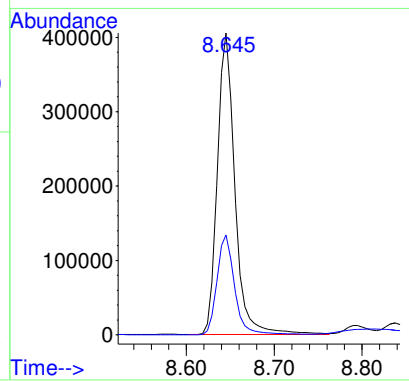
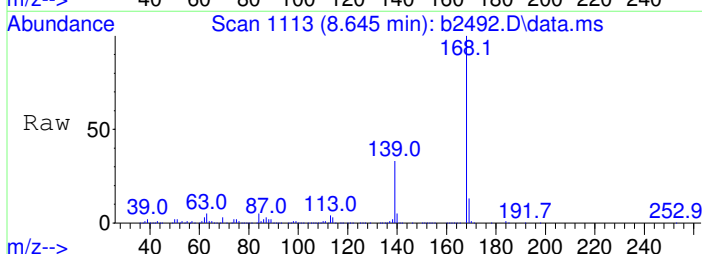
Tgt Ion:109 Resp: 36430
Ion Ratio Lower Upper
109 100
139 131.1 122.6 183.8
65 68.4 122.6 184.0#





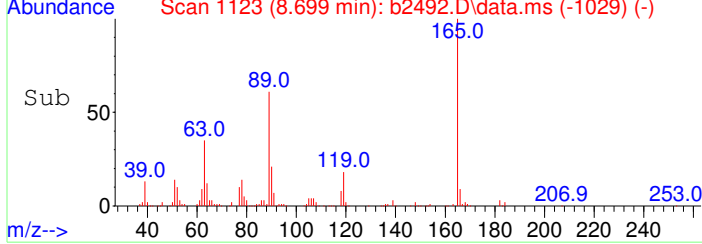
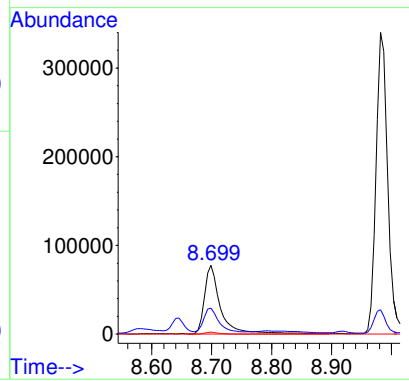
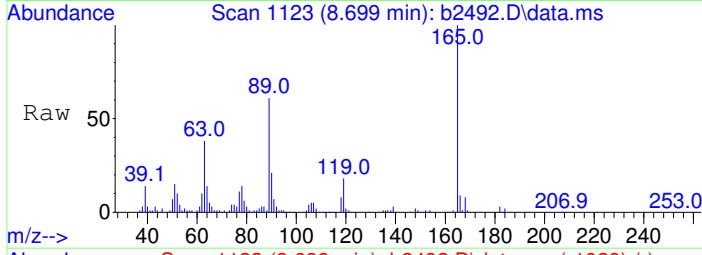
#52
 Dibenzenofuran
 Concen: 32.41 ug
 RT: 8.645 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

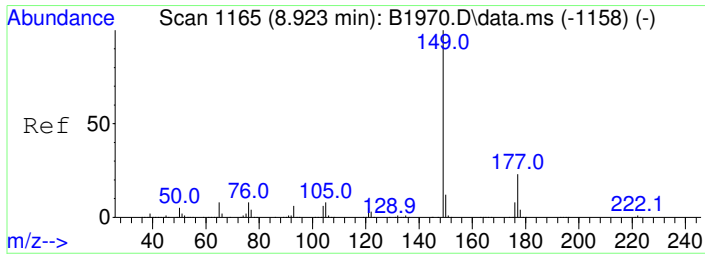
Tgt Ion:168	Resp:	563078
Ion Ratio	Lower	Upper
168	100	
139	33.4	30.5 45.7



#53
 2,4-Dinitrotoluene
 Concen: 34.33 ug
 RT: 8.699 min Scan# 1123
 Delta R.T. 0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

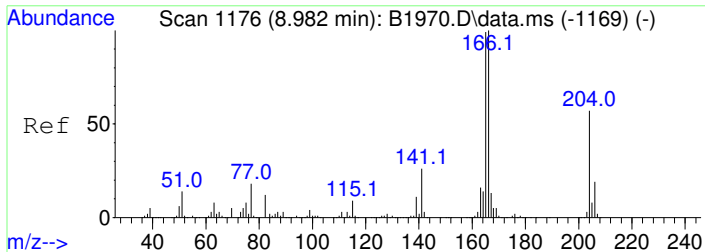
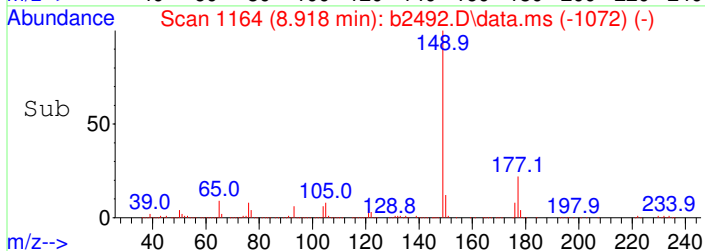
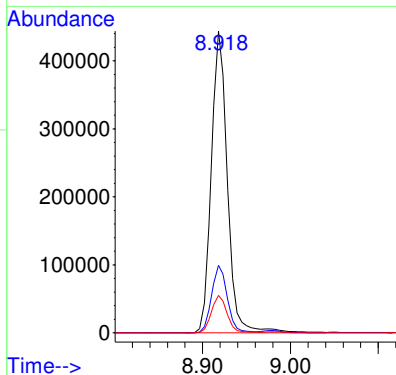
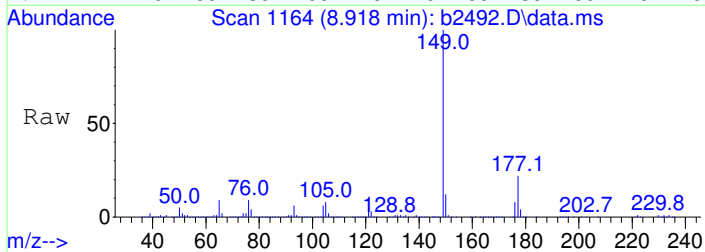
Tgt Ion:165	Resp:	144116
Ion Ratio	Lower	Upper
165	100	
63	33.9	29.4 44.0
182	0.0	4.5 6.7#





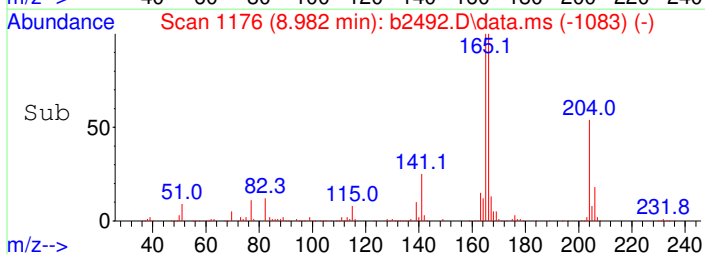
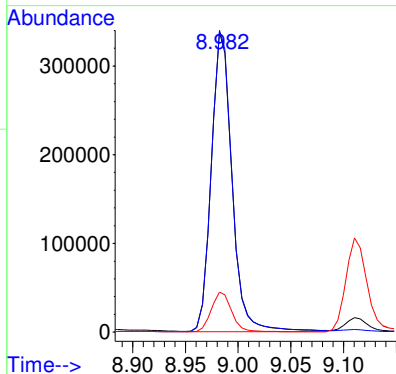
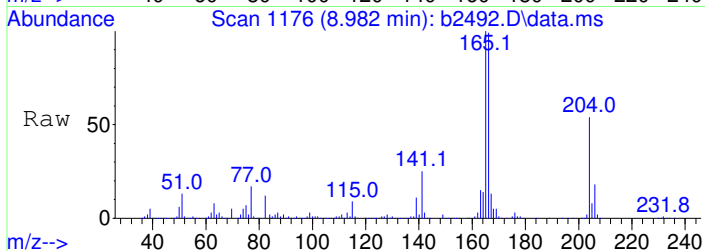
#54
Diethylphthalate
Concen: 41.75 ug
RT: 8.918 min Scan# 1164
Delta R.T. -0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

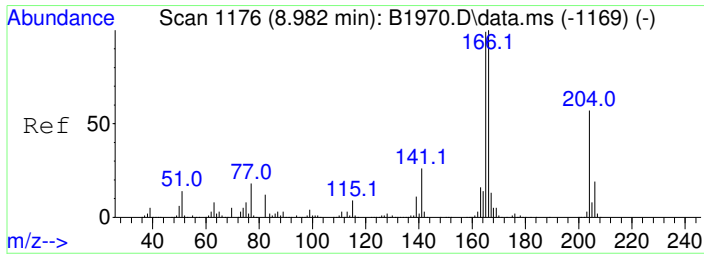
Tgt Ion	149	177	150
Resp	566565		
Ion Ratio	100	21.8	12.1
Lower		19.8	10.0
Upper		29.8	15.0



#55
Fluorene
Concen: 34.16 ug
RT: 8.982 min Scan# 1176
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

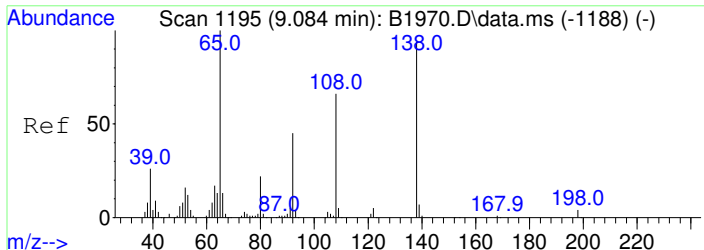
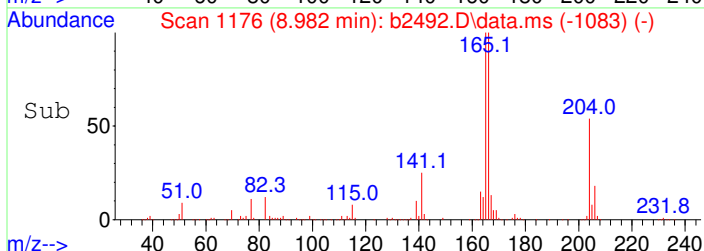
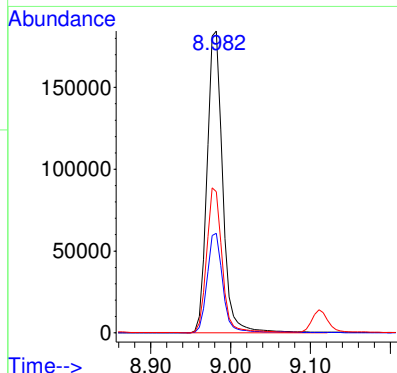
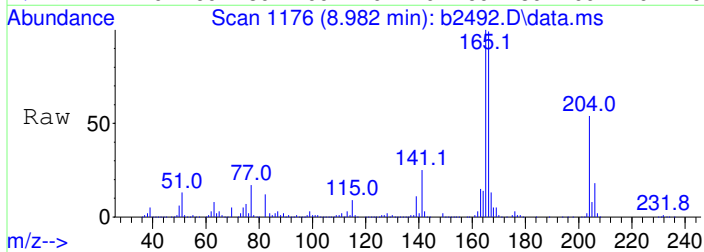
Tgt Ion	166	165	167
Resp	463148		
Ion Ratio	100	100.9	13.1
Lower		75.2	11.4
Upper		112.8	17.0





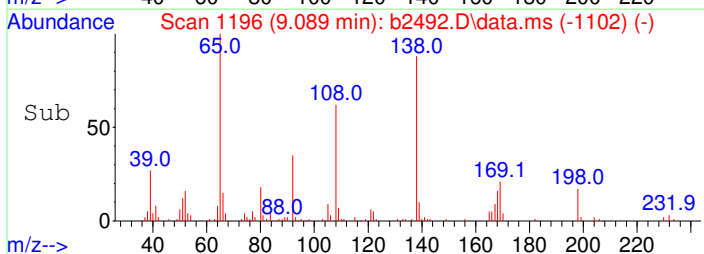
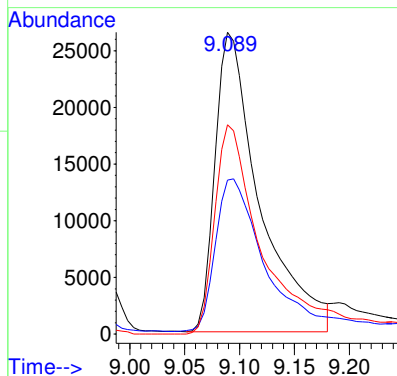
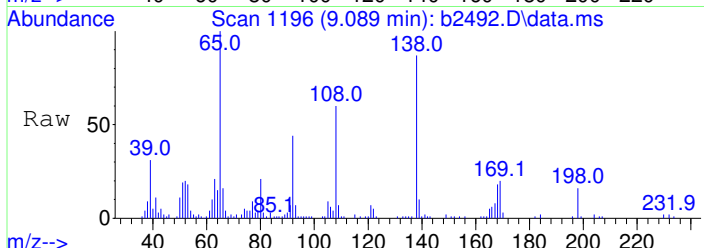
#56
4-Chlorophenyl-phenyle
Concen: 34.15 ug
RT: 8.982 min Scan# 1176
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

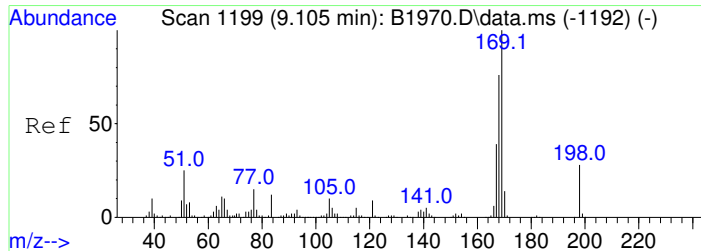
Tgt Ion:	204	Resp:	251532
Ion Ratio	Lower	Upper	
204	100		
206	33.4	27.0	40.4
141	47.7	40.8	61.2



#57
4-Nitroaniline
Concen: 25.23 ug
RT: 9.089 min Scan# 1196
Delta R.T. 0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

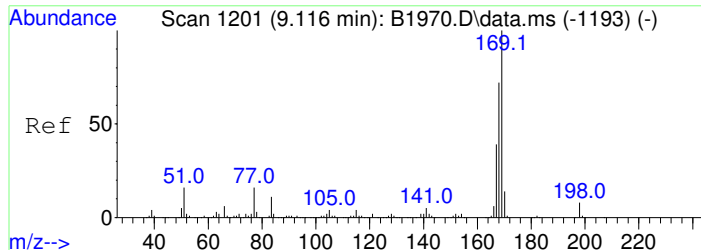
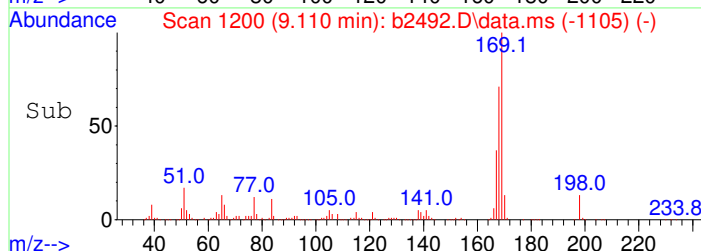
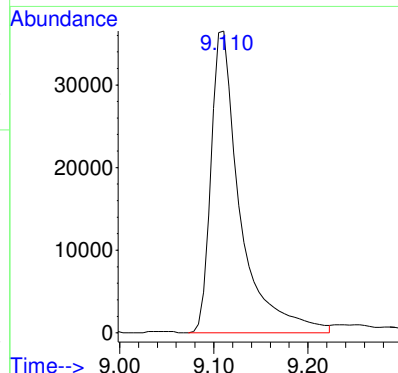
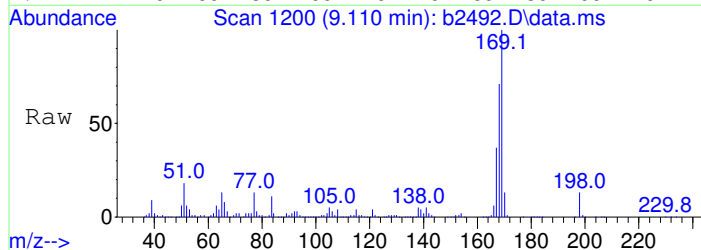
Tgt Ion:	138	Resp:	74899
Ion Ratio	Lower	Upper	
138	100		
92	58.9	32.2	48.2#
108	80.3	60.6	90.8





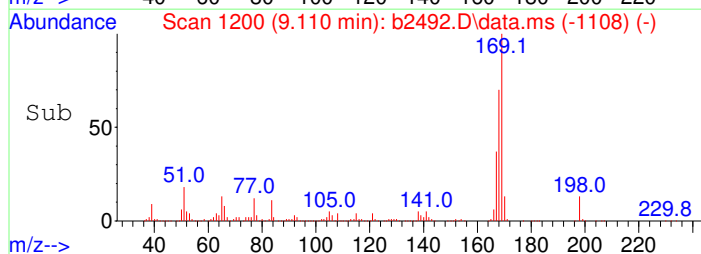
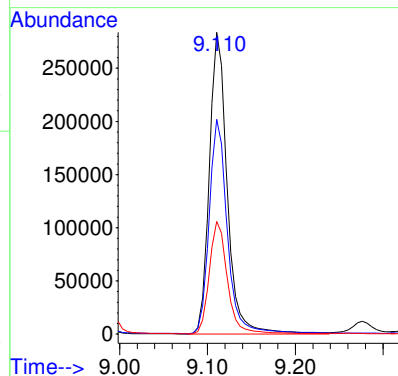
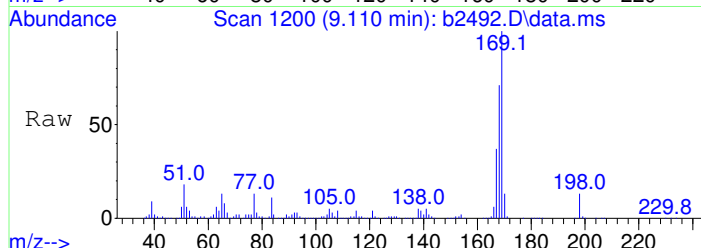
#59
 4,6-Dinitro-2-methylph
 Concen: 33.51 ug
 RT: 9.110 min Scan# 1200
 Delta R.T. 0.011 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

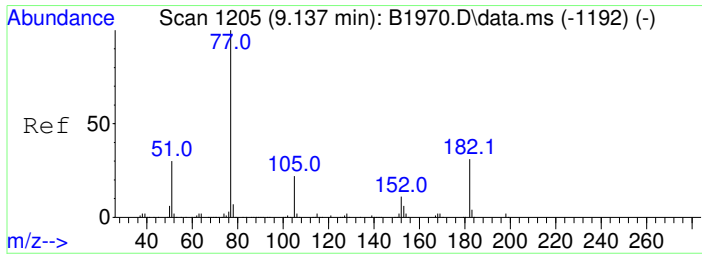
Tgt Ion:198 Resp: 78842



#60
 n-Nitrosodiphenylamine
 Concen: 43.02 ug
 RT: 9.110 min Scan# 1200
 Delta R.T. -0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

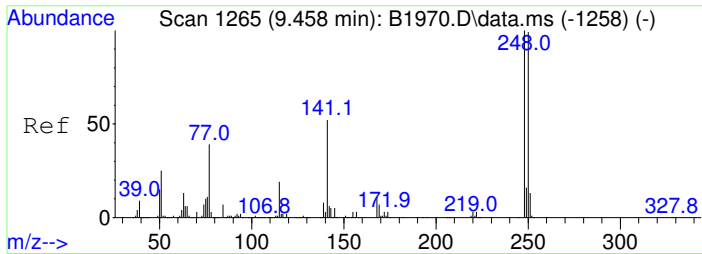
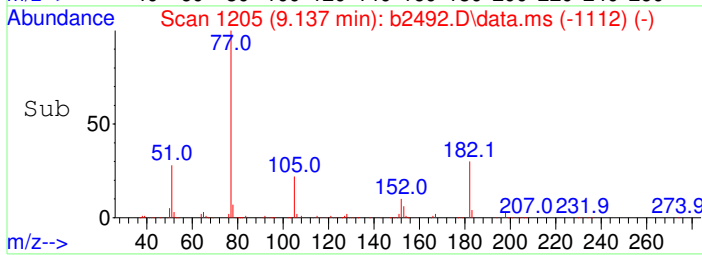
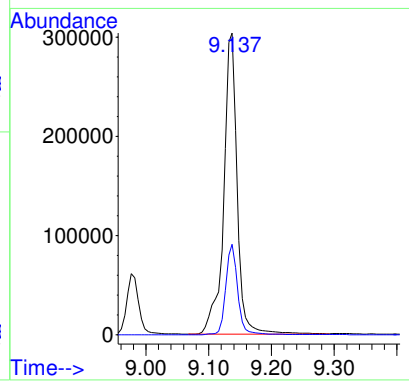
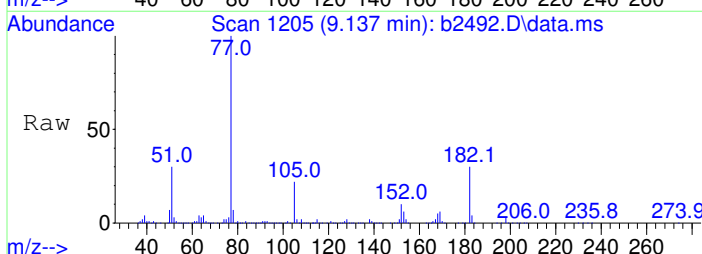
Tgt Ion:169 Resp: 404195
 Ion Ratio Lower Upper
 169 100
 168 71.9 51.0 76.6
 167 37.4 27.7 41.5





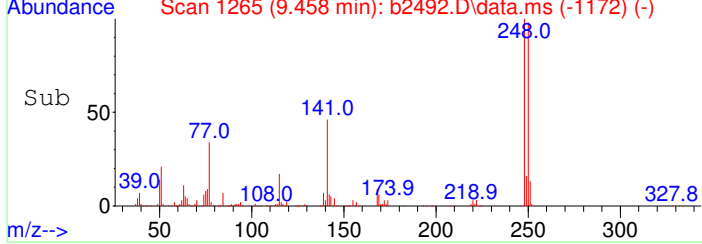
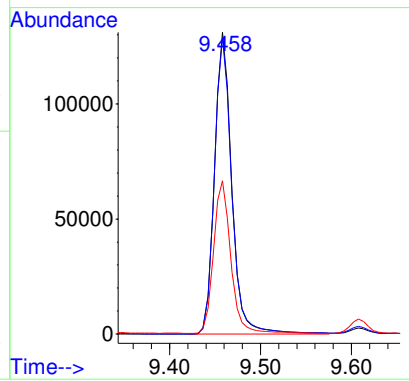
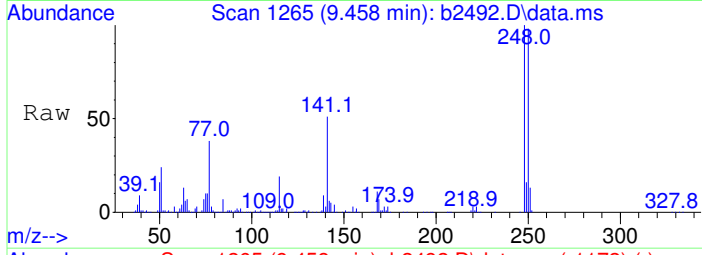
#62
 Azobenzene
 Concen: 36.23 ug
 RT: 9.137 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

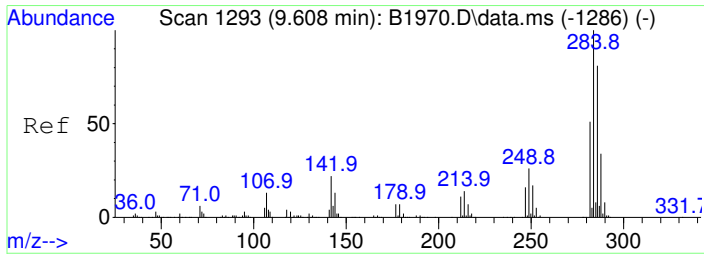
Tgt Ion:	77	Resp:	454431
Ion Ratio	Lower	Upper	
77	100		
182	26.7	30.2	45.4#



#63
 4-Bromophenyl-phenylether
 Concen: 35.94 ug
 RT: 9.458 min Scan# 1265
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

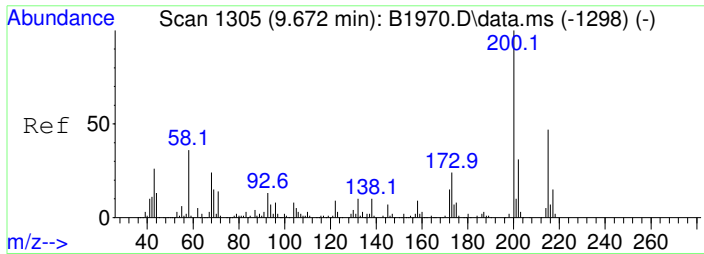
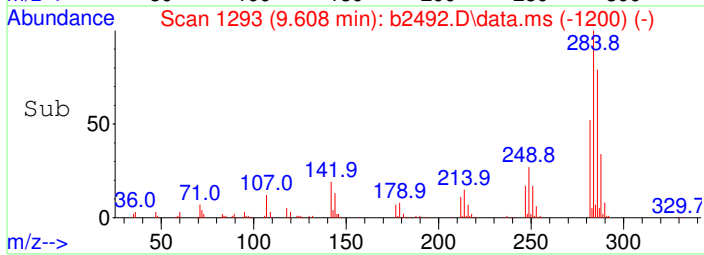
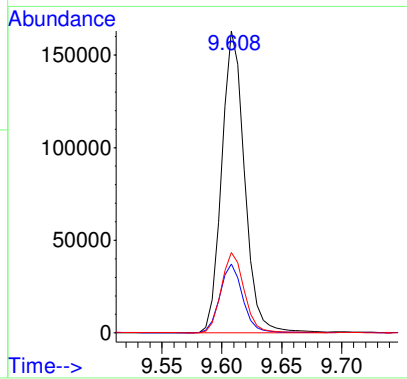
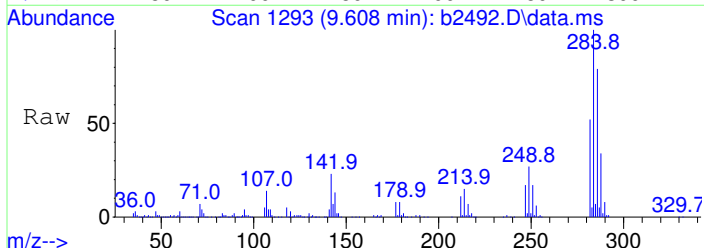
Tgt Ion:	248	Resp:	174145
Ion Ratio	Lower	Upper	
248	100		
250	98.5	76.7	115.1
141	50.7	46.2	69.2





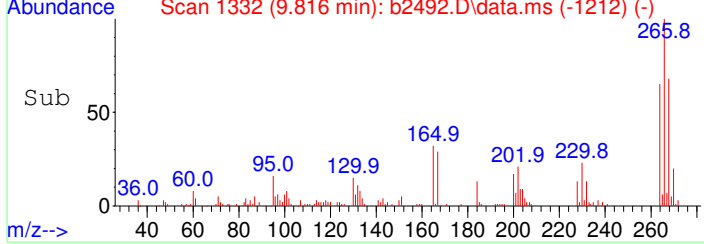
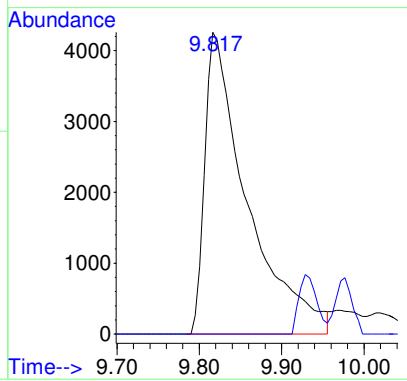
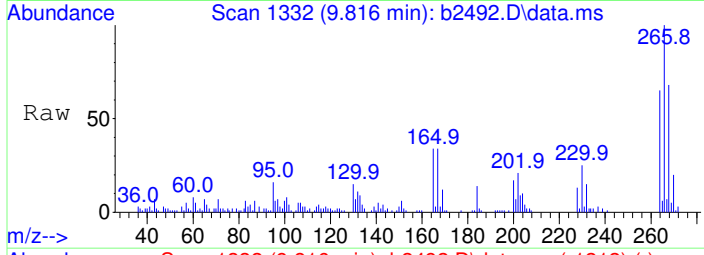
#64
Hexachlorobenzene
Concen: 34.89 ug
RT: 9.608 min Scan# 1293
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

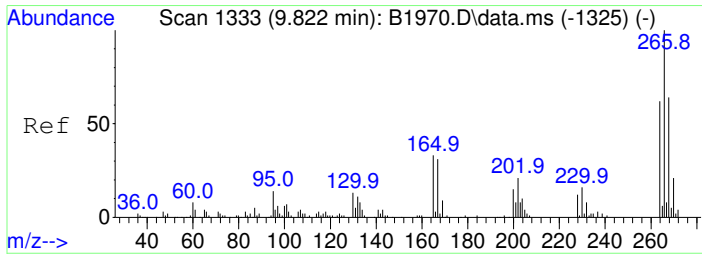
Tgt Ion:284	Resp: 216811
Ion Ratio	Lower Upper
284	100
142	22.9 24.7 37.1#
249	26.8 23.0 34.4



#65
Atrazine
Concen: 3.37 ug
RT: 9.816 min Scan# 1332
Delta R.T. 0.144 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

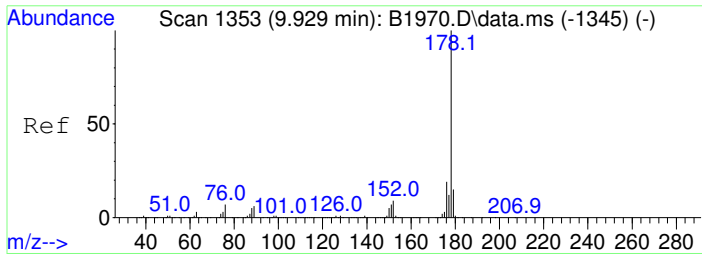
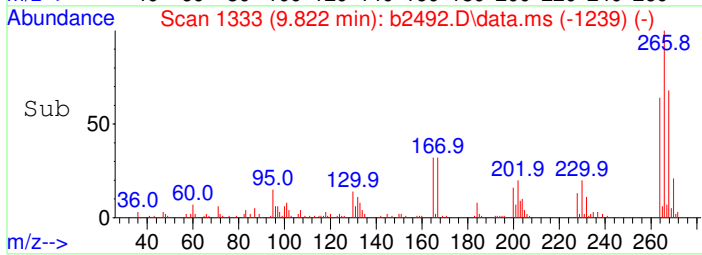
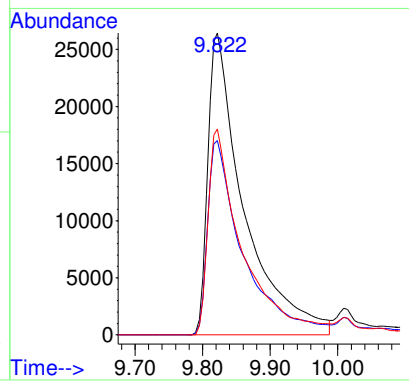
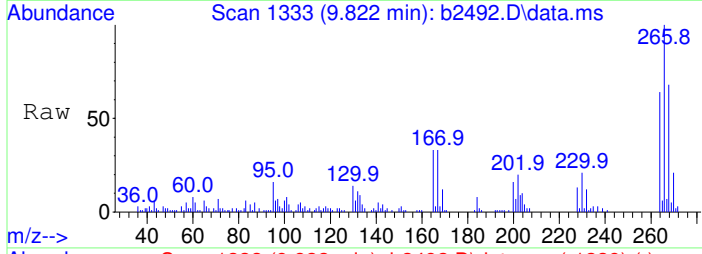
Tgt Ion:200	Resp: 15159
Ion Ratio	Lower Upper
200	100
173	0.0 19.8 29.8#





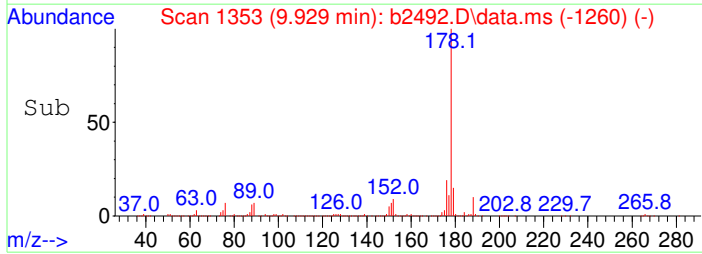
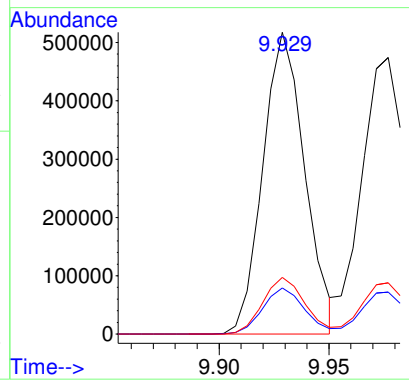
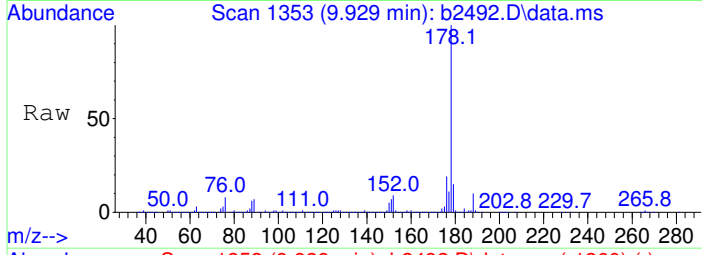
#66
 Pentachlorophenol
 Concen: 39.54 ug
 RT: 9.822 min Scan# 1333
 Delta R.T. 0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

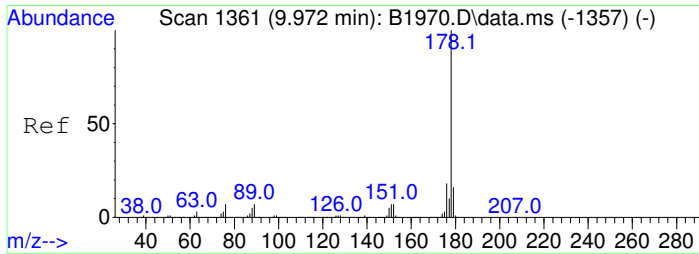
Tgt Ion	266	Resp:	98044
Ion Ratio	Lower	Upper	
266	100		
264	63.7	49.3	73.9
268	64.9	50.1	75.1



#67
 Phenanthrene
 Concen: 35.47 ug
 RT: 9.929 min Scan# 1353
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

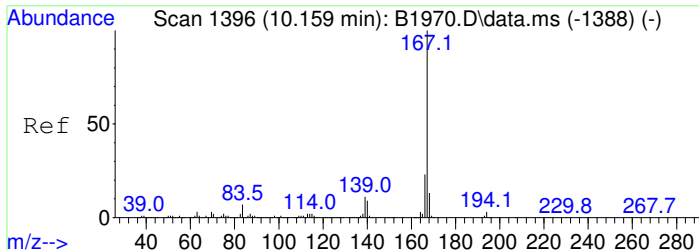
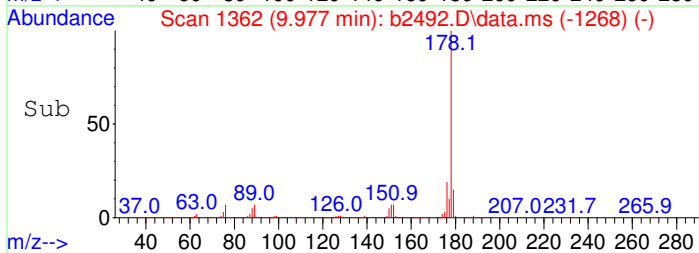
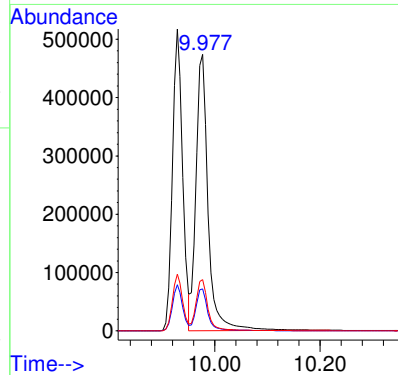
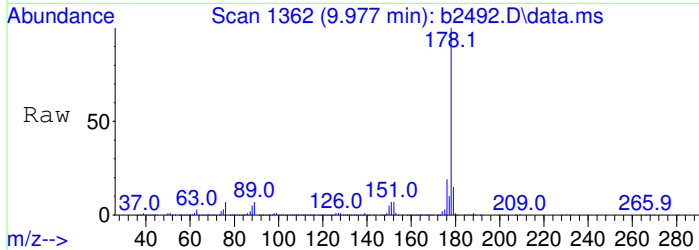
Tgt Ion	178	Resp:	686716
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.2
176	18.8	15.2	22.8





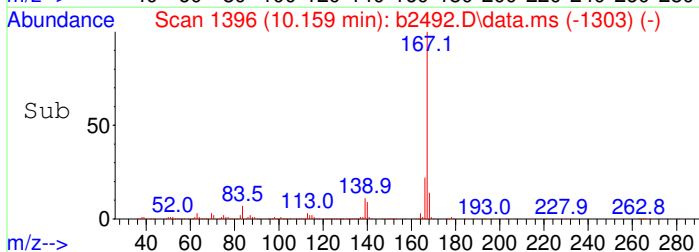
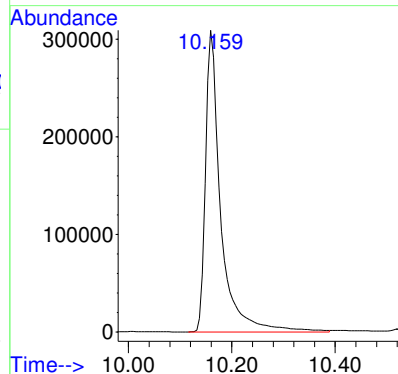
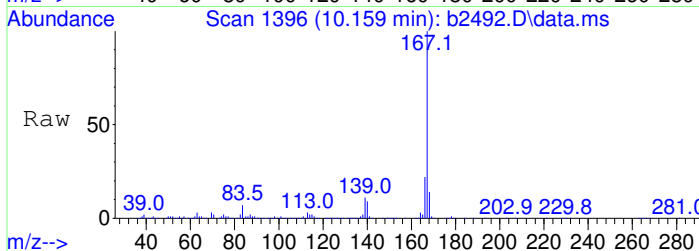
#68
 Anthracene
 Concen: 39.95 ug
 RT: 9.977 min Scan# 1362
 Delta R.T. 0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

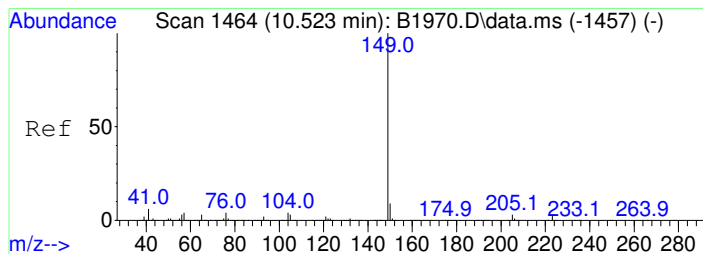
Tgt Ion:178	Resp:	755863
Ion Ratio	Lower	Upper
178	100	
179	15.0	12.4 18.6
176	18.5	14.8 22.2



#70
 Carbazole
 Concen: 34.97 ug
 RT: 10.159 min Scan# 1396
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

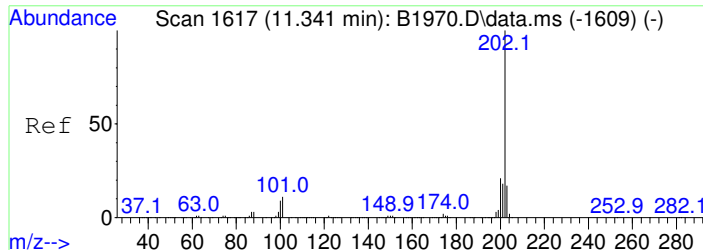
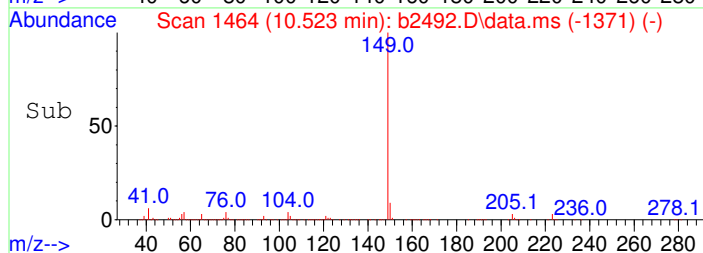
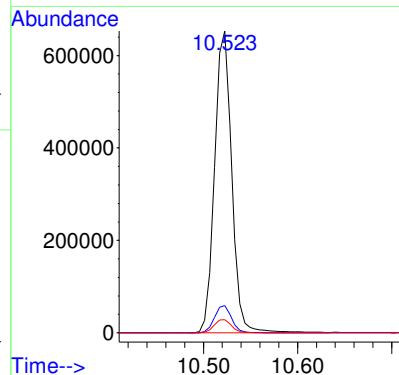
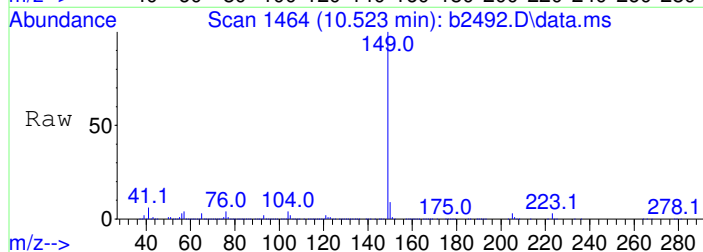
Tgt Ion:167 Resp: 633827





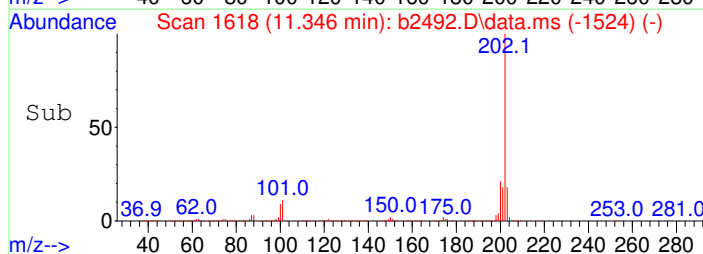
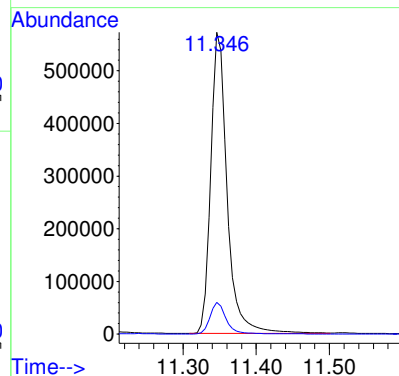
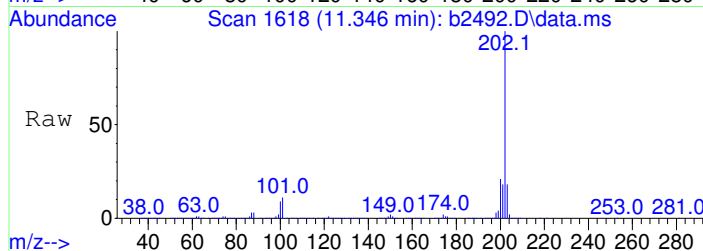
#71
Di-n-butylphthalate
Concen: 38.01 ug
RT: 10.523 min Scan# 1464
Delta R.T. -0.000 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

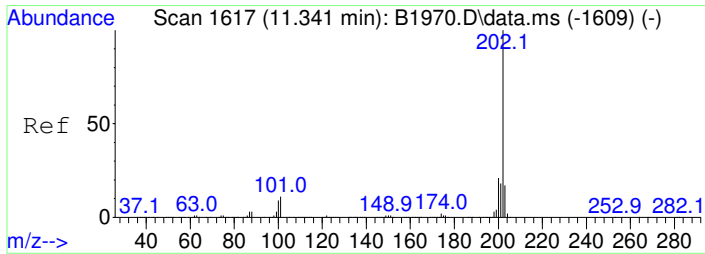
Tgt	Ion	149	Resp:	826484
Ion	Ratio	Lower	Upper	
149	100			
150	9.1	7.3	10.9	
104	4.6	4.1	6.1	



#72
Fluoranthene
Concen: 36.68 ug
RT: 11.346 min Scan# 1618
Delta R.T. 0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

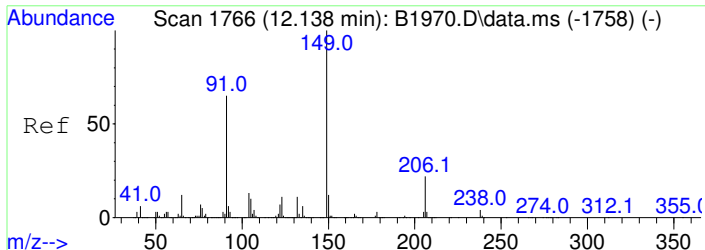
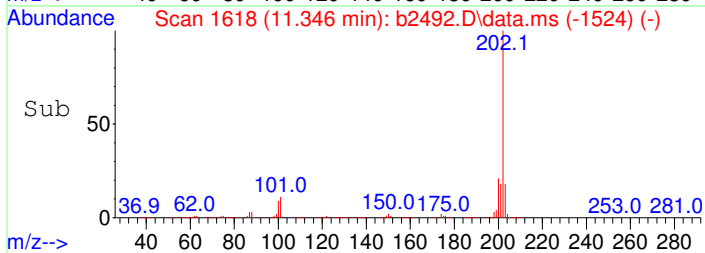
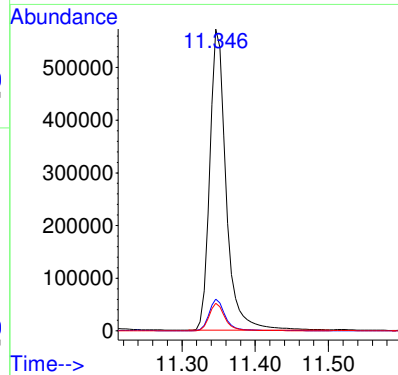
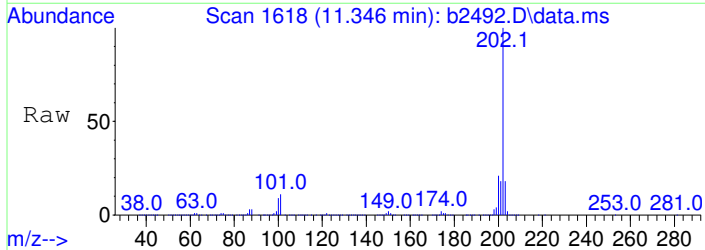
Tgt	Ion	202	Resp:	888483
Ion	Ratio	Lower	Upper	
202	100			
101	10.4	9.3	13.9	





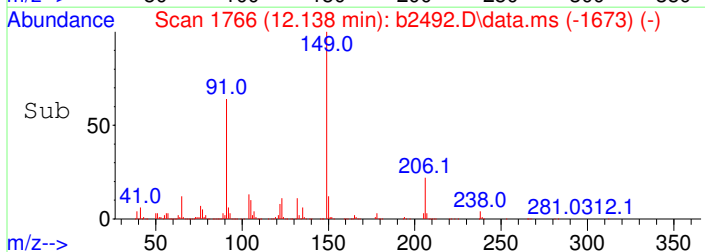
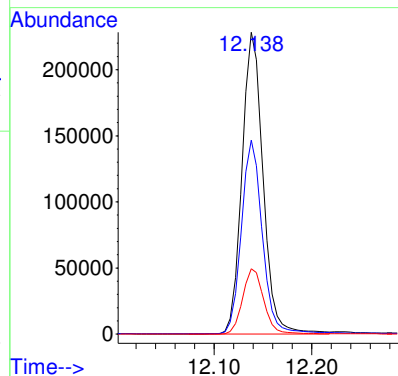
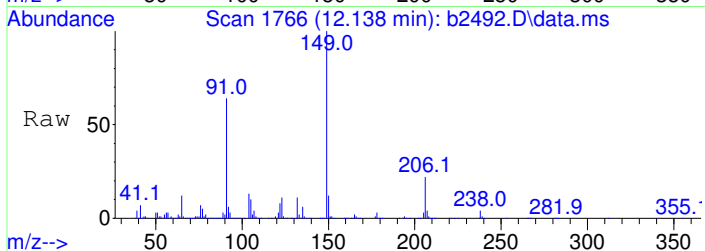
#74
 Pyrene
 Concen: 37.51 ug
 RT: 11.346 min Scan# 1618
 Delta R.T. 0.005 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

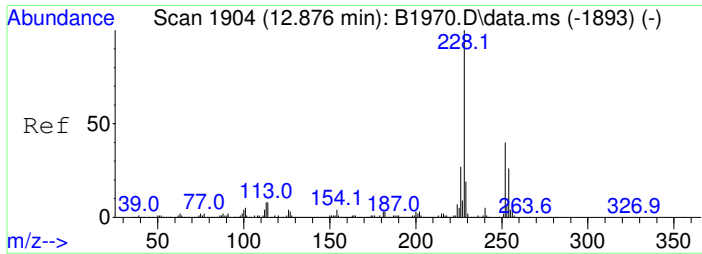
Tgt Ion	202	Resp	888483
Ion Ratio	Lower	Upper	
202	100		
101	10.4	11.0	16.6#
100	9.2	8.9	13.3



#76
 Butylbenzylphthalate
 Concen: 37.93 ug
 RT: 12.138 min Scan# 1766
 Delta R.T. -0.000 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

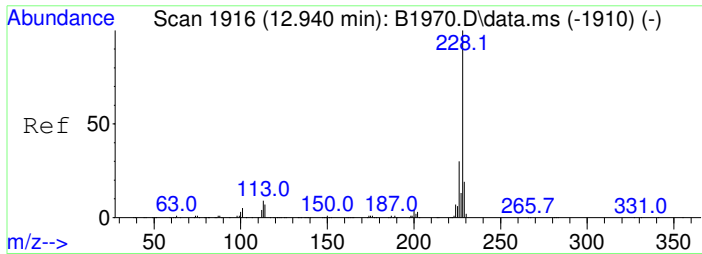
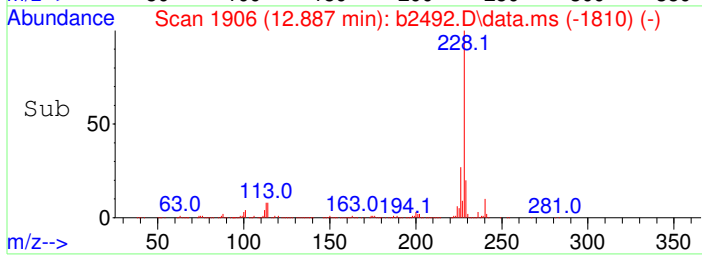
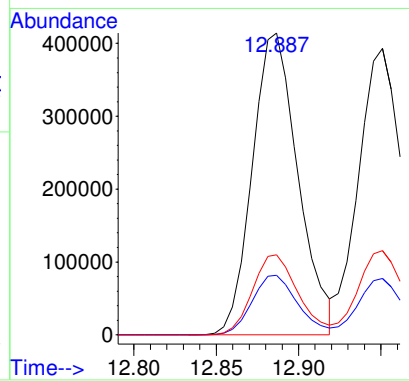
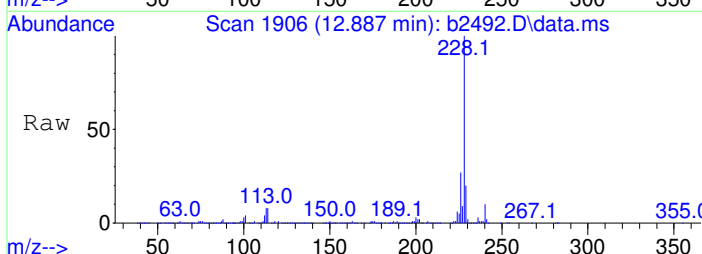
Tgt Ion	149	Resp	343102
Ion Ratio	Lower	Upper	
149	100		
91	64.0	48.0	72.0
206	21.8	21.6	32.4





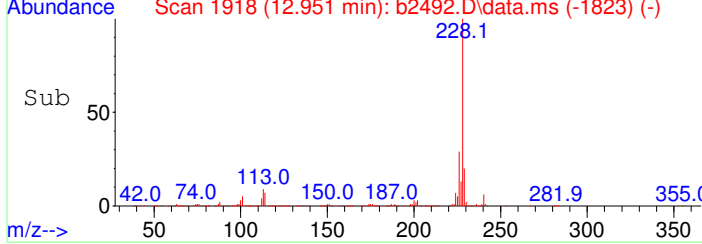
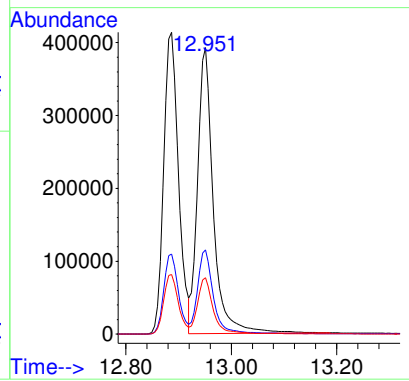
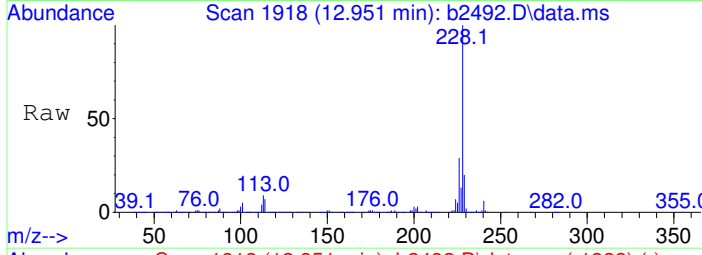
#77
 Benzo[a]anthracene
 Concen: 33.23 ug
 RT: 12.887 min Scan# 1906
 Delta R.T. 0.016 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

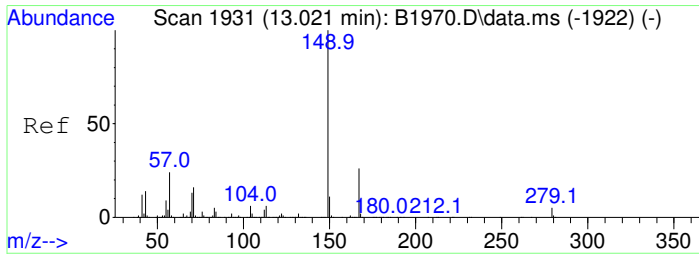
Tgt Ion	228	229	226
Ratio	100	19.7	26.4
Lower		15.5	21.5
Upper		23.3	32.3



#79
 Chrysene
 Concen: 35.27 ug
 RT: 12.951 min Scan# 1918
 Delta R.T. 0.011 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

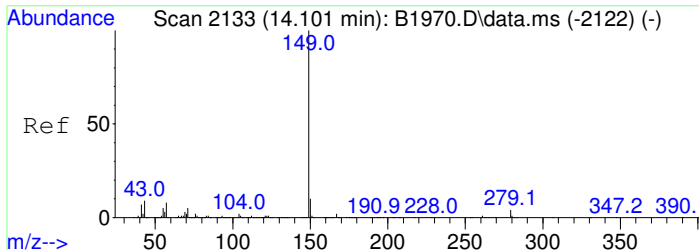
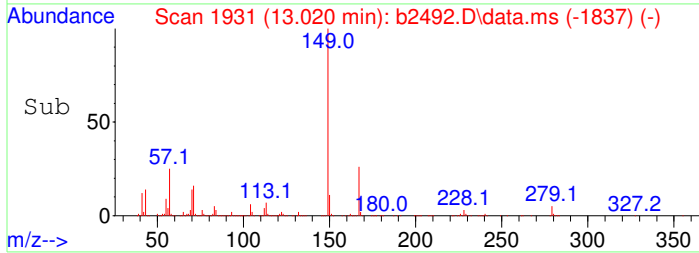
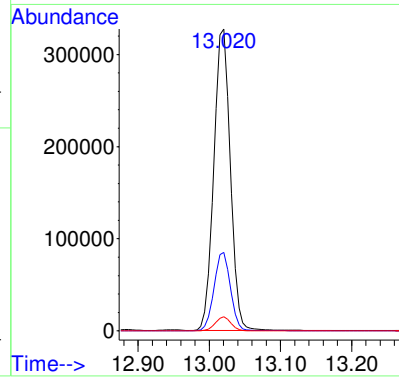
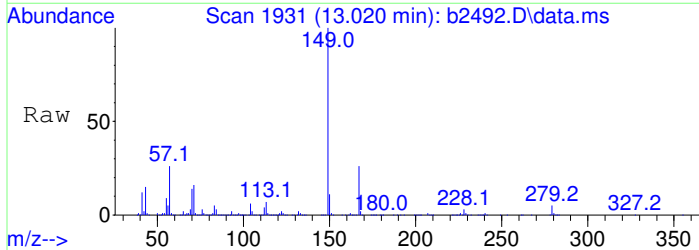
Tgt Ion	228	226	229
Ratio	100	28.6	19.3
Lower		23.7	15.5
Upper		35.5	23.3





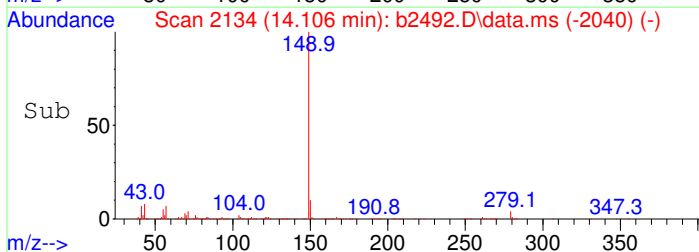
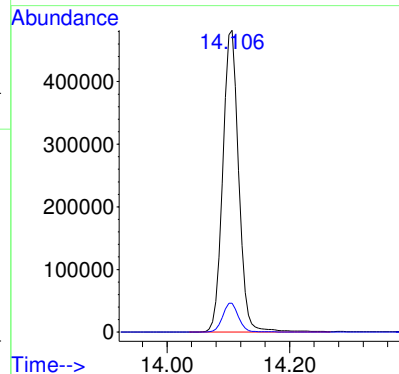
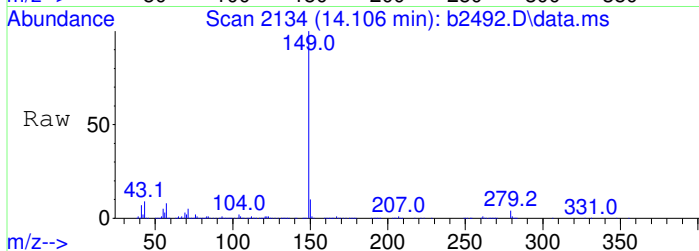
#80
bis(2-Ethylhexyl)phtha
Concen: 38.54 ug
RT: 13.020 min Scan# 1931
Delta R.T. 0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

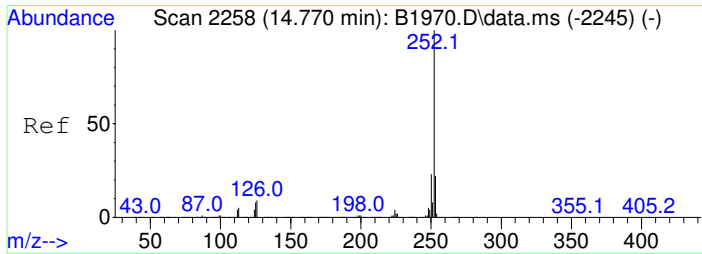
Tgt	Ion	Resp	
149	100		
167	25.9	20.4	30.6
279	4.4	3.4	5.2



#82
Di-n-octylphthalate
Concen: 42.32 ug
RT: 14.106 min Scan# 2134
Delta R.T. 0.005 min
Lab File: b2492.D
Acq: 6 Sep 2024 10:44 am

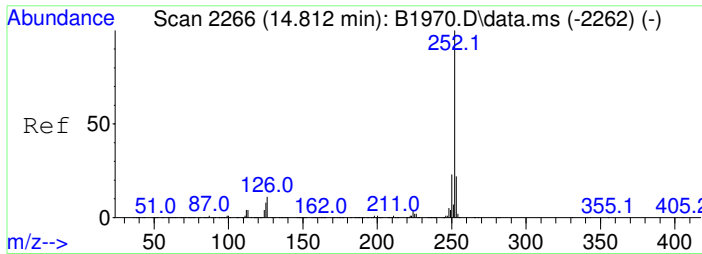
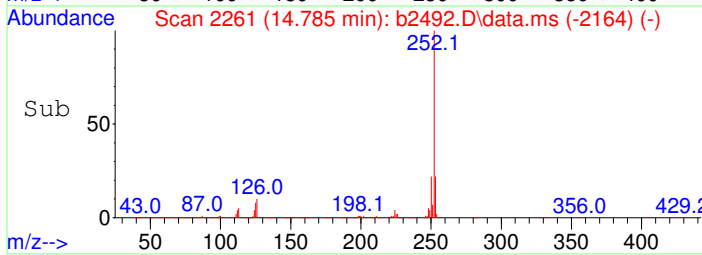
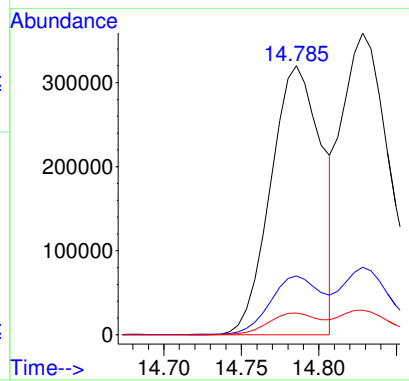
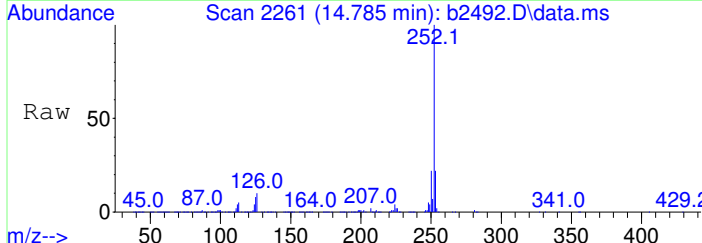
Tgt	Ion	Resp	
149	100		
150	9.7	8.9	13.3





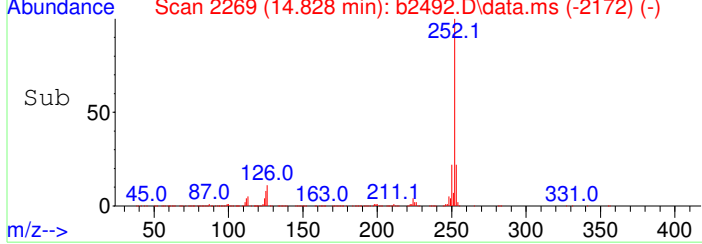
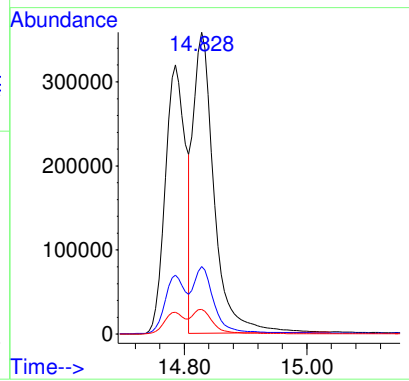
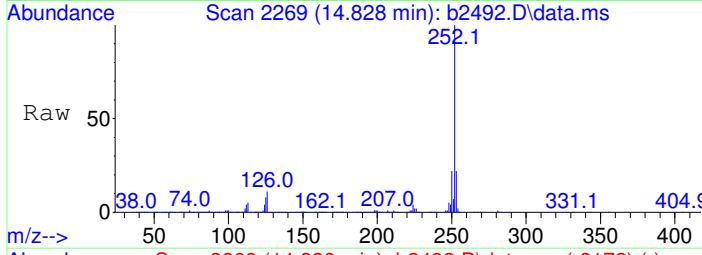
#83
 Benzo[b]fluoranthene
 Concen: 34.09 ug
 RT: 14.785 min Scan# 2261
 Delta R.T. 0.021 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

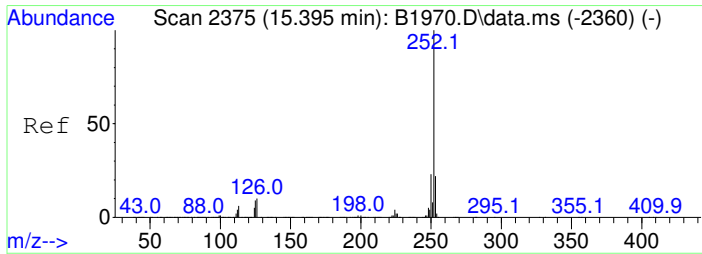
Tgt Ion:252	Resp: 737170
Ion Ratio	Lower Upper
252 100	
253 22.0	17.5 26.3
125 8.3	6.6 9.8



#84
 Benzo[k]fluoranthene
 Concen: 39.09 ug
 RT: 14.828 min Scan# 2269
 Delta R.T. 0.021 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

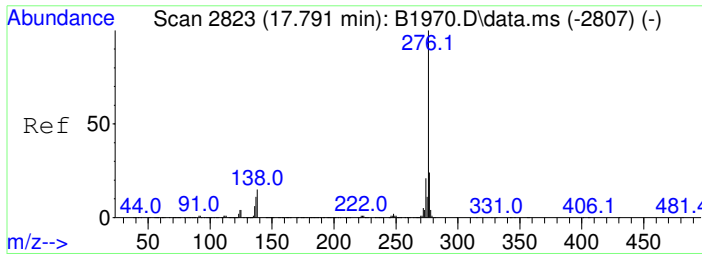
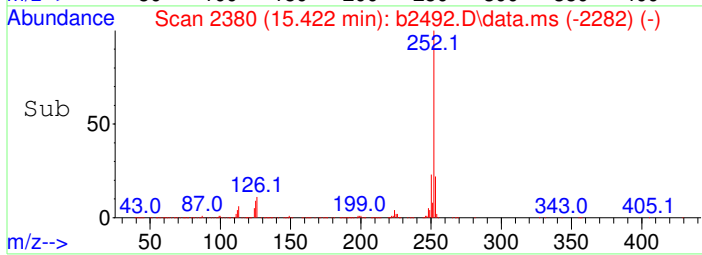
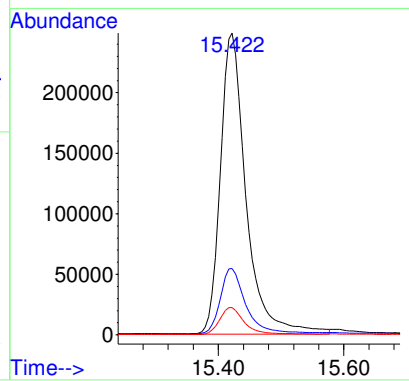
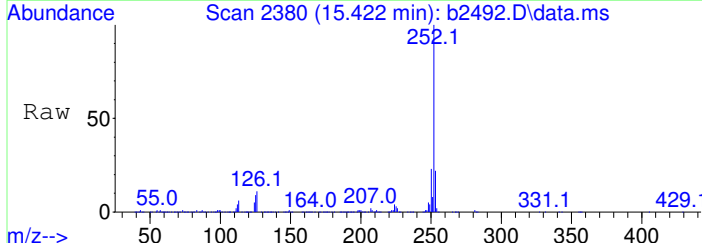
Tgt Ion:252	Resp: 853490
Ion Ratio	Lower Upper
252 100	
253 22.0	17.7 26.5
125 7.7	6.6 9.8





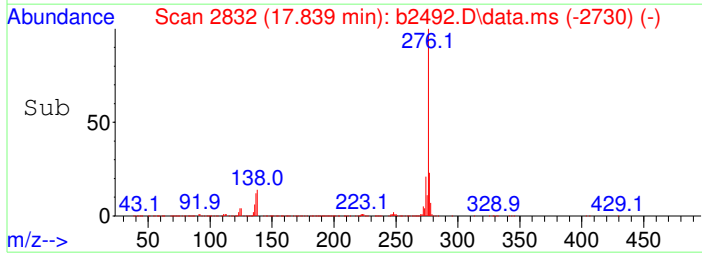
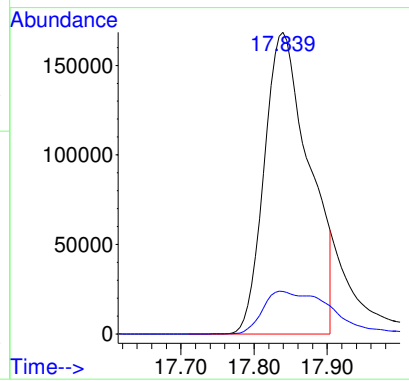
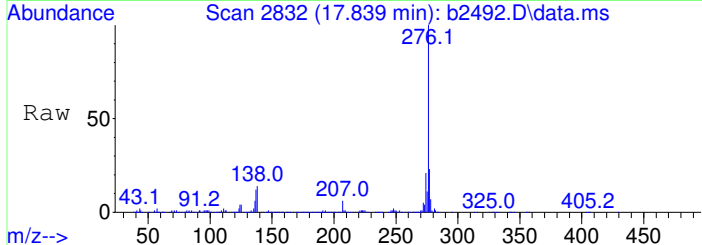
#85
 Benzo[a]pyrene
 Concen: 35.54 ug
 RT: 15.422 min Scan# 2380
 Delta R.T. 0.027 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

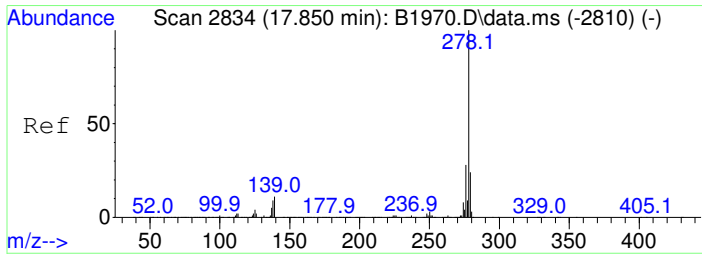
Tgt Ion	252	253	125
Ratio	100	21.5	8.8
Lower		17.6	7.2
Upper		26.4	10.8



#86
 Indeno[1,2,3-cd]pyrene
 Concen: 36.48 ug m
 RT: 17.839 min Scan# 2832
 Delta R.T. 0.048 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

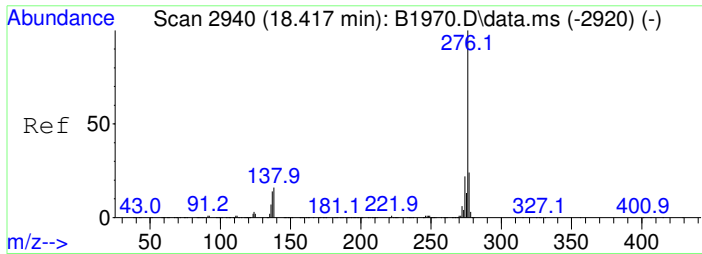
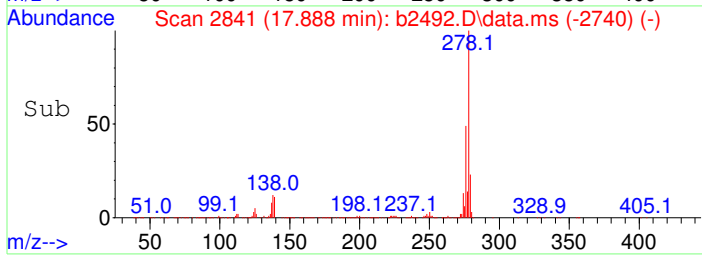
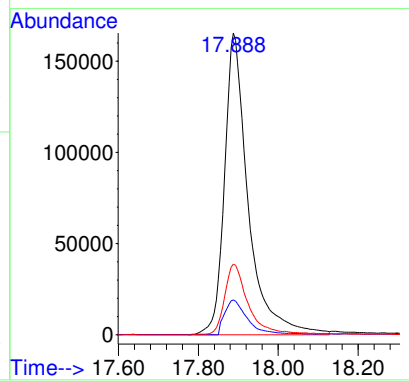
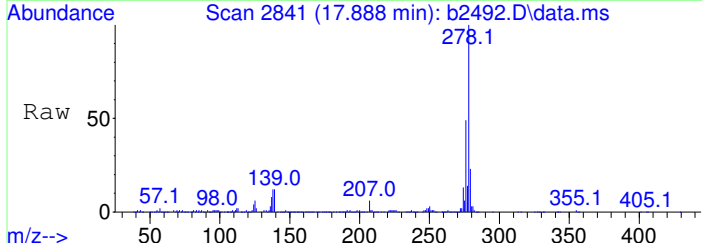
Tgt Ion	276	138
Ratio	100	22.0
Lower		11.8
Upper		17.8#





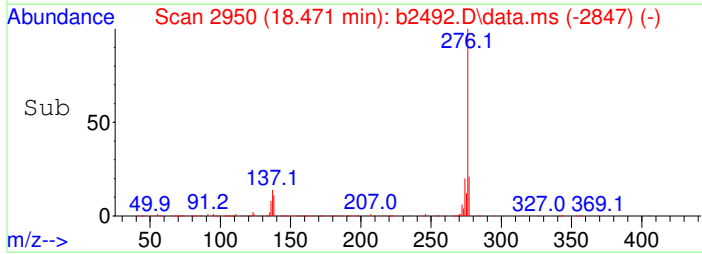
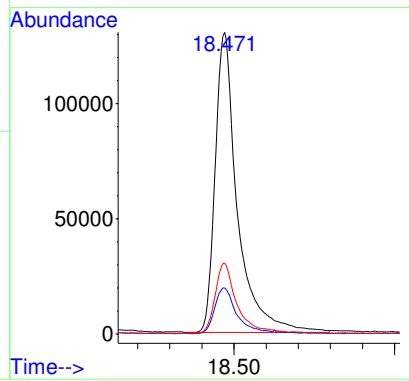
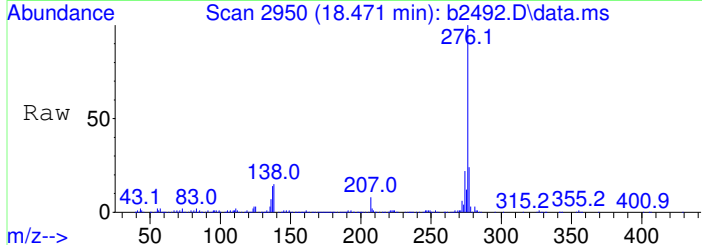
#87
 Dibenz[a,h]anthracene
 Concen: 34.10 ug
 RT: 17.888 min Scan# 2841
 Delta R.T. 0.043 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

Tgt Ion	278	139	279
Ratio	100	11.0	23.3
Lower		9.4	18.9
Upper		14.2	28.3



#88
 Benzo[g,h,i]perylene
 Concen: 31.25 ug
 RT: 18.471 min Scan# 2950
 Delta R.T. 0.053 min
 Lab File: b2492.D
 Acq: 6 Sep 2024 10:44 am

Tgt Ion	276	138	277
Ratio	100	15.0	23.0
Lower		15.0	18.3
Upper		22.6#	27.5



Data Path : D:\2\data\090624\
 Data File : b2493.D
 Acq On : 6 Sep 2024 11:11 am
 Operator :
 Sample : 240823014-001a
 Misc : samp
 ALS Vial : 6 Sample Multiplier: 1

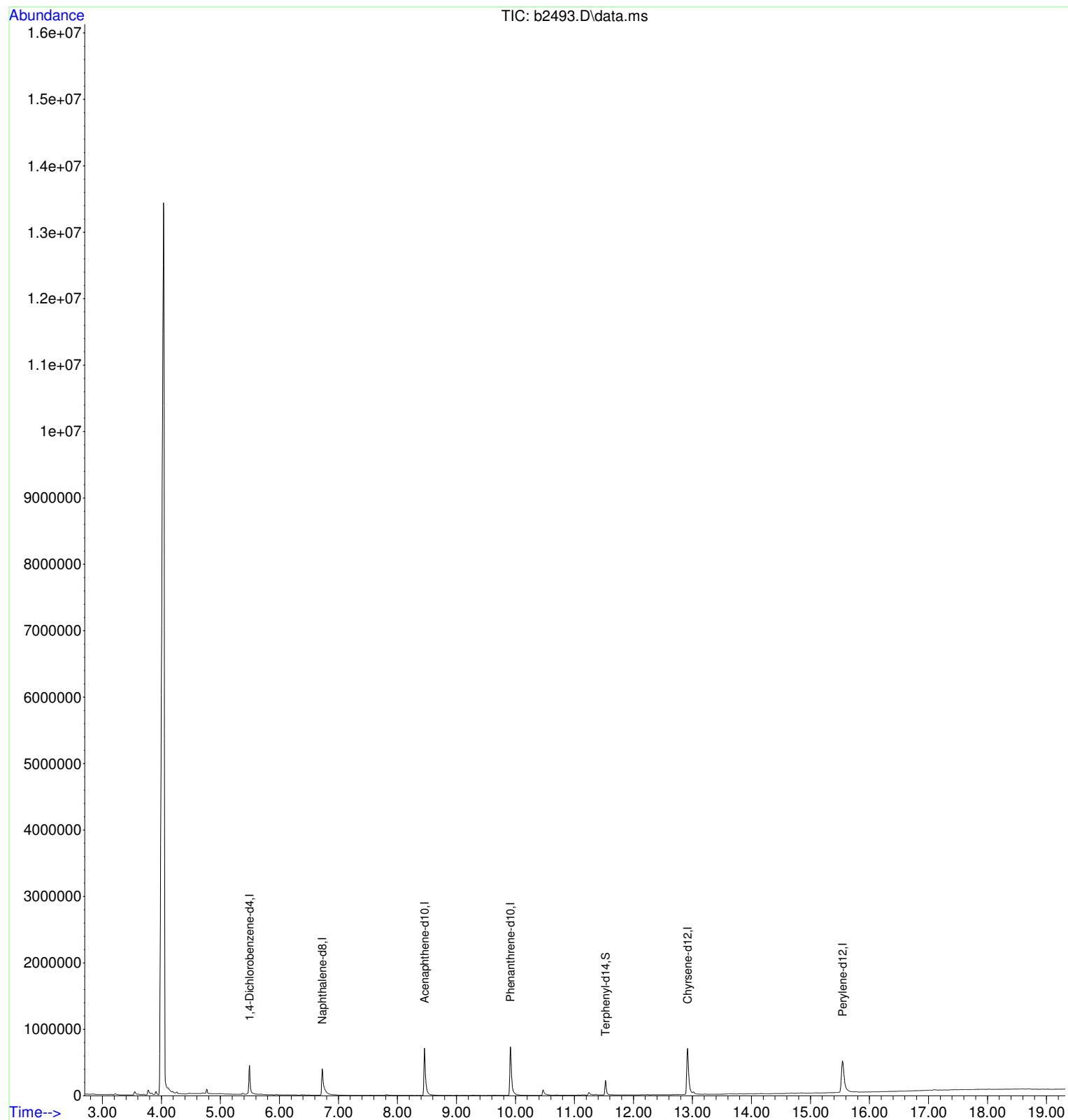
Quant Time: Sep 06 12:16:50 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

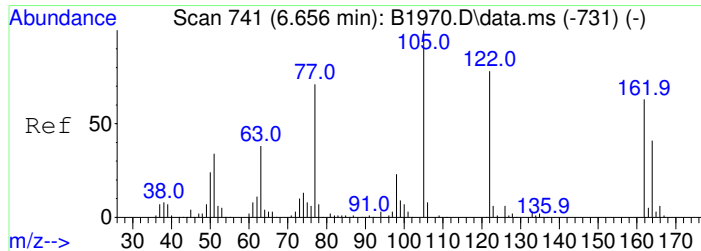
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	130334	40.00	ug	0.00
21) Naphthalene-d8	6.725	136	534597	40.00	ug	# 0.00
37) Acenaphthene-d10	8.458	164	337274	40.00	ug	# 0.00
58) Phenanthrene-d10	9.913	188	692925	40.00	ug	# 0.01
73) Chrysene-d12	12.914	240	666652	40.00	ug	0.02
81) Perylene-d12	15.545	264	677093	40.00	ug	0.04
System Monitoring Compounds						
2) 2-Fluorophenol	4.468	112	1394	0.34	ug	0.05
3) Phenol-d5	5.383	99	2385	0.61	ug	0.06
22) Nitrobenzene-d5	6.094	82	1804	0.39	ug	0.04
42) 2-Fluorobiphenyl	7.811	172	15318	1.28	ug	0.02
61) 2,4,6-Tribromophenol	9.287	330	3860	1.42	ug	0.03
75) Terphenyl-d14	11.528	244	159517	8.34	ug	0.01
Target Compounds						Qvalue
31) Benzoic Acid	6.736	105	512	Below Cal	#	1

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

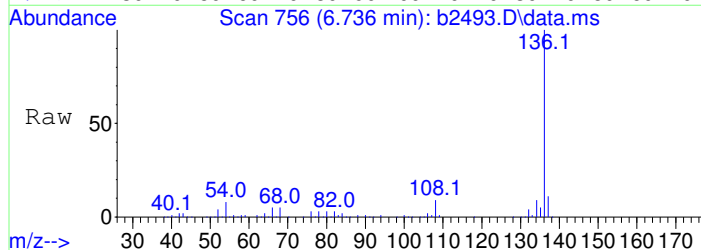
Data Path : D:\2\data\090624\
Data File : b2493.D
Acq On : 6 Sep 2024 11:11 am
Operator :
Sample : 240823014-001a
Misc : samp
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 12:16:50 2024
Quant Method : C:\msdchem\2\qtmethode-b\methB071924.M
Quant Title : e8270 Calibration
QLast Update : Fri Aug 30 10:46:53 2024
Response via : Initial Calibration

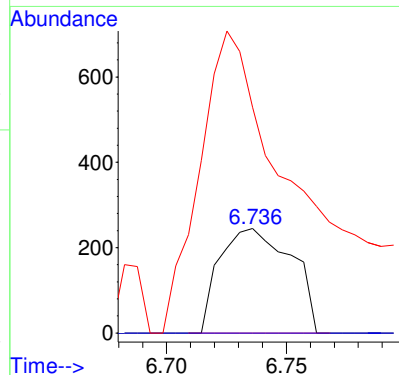
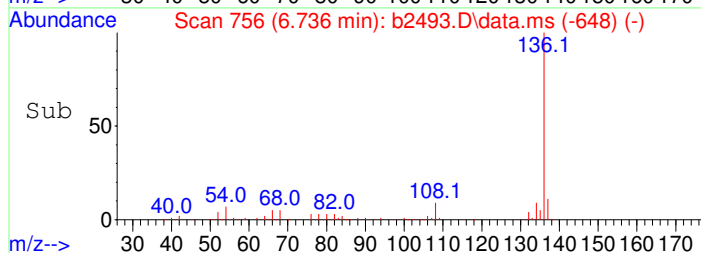




#31
Benzoic Acid
Concen: Below Cal
RT: 6.736 min Scan# 756
Delta R.T. 0.080 min
Lab File: b2493.D
Acq: 6 Sep 2024 11:11 am



Tgt Ion	Ratio	Lower	Upper
105	100		
122	0.0	65.7	98.5#
77	436.5	59.5	89.3#



Data Path : D:\2\data\090624\
 Data File : b2494.D
 Acq On : 6 Sep 2024 11:38 am
 Operator :
 Sample : 240823014-002a
 Misc : samp
 ALS Vial : 7 Sample Multiplier: 1

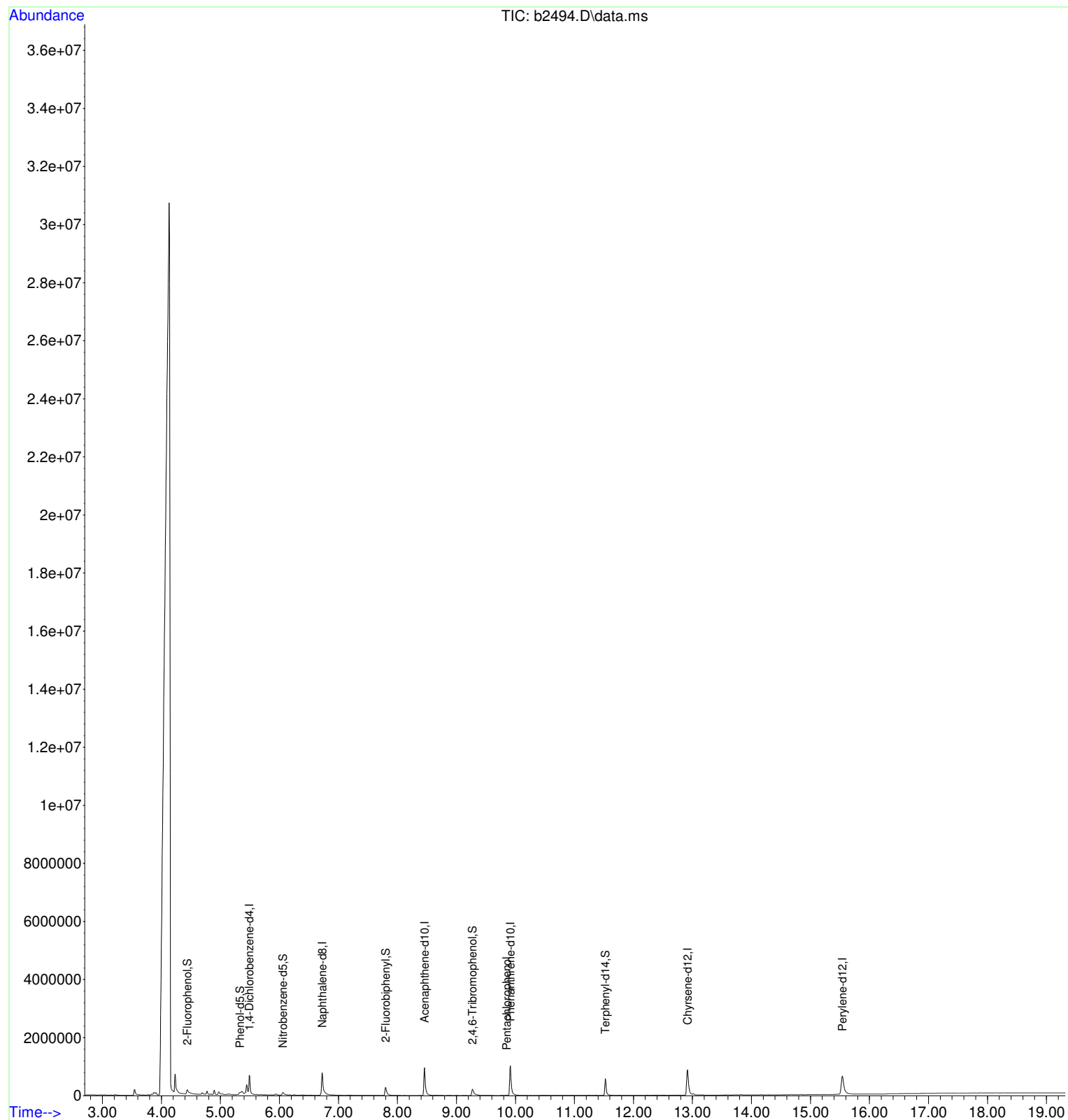
Quant Time: Sep 06 12:17:02 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

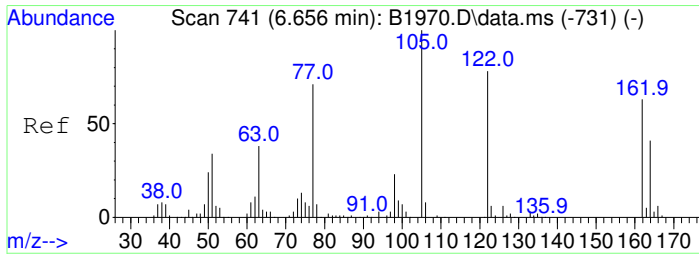
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	176431	40.00	ug	0.00
21) Naphthalene-d8	6.725	136	686574	40.00	ug	# 0.00
37) Acenaphthene-d10	8.458	164	431548	40.00	ug	# 0.00
58) Phenanthrene-d10	9.913	188	877667	40.00	ug	# 0.01
73) Chrysene-d12	12.914	240	831849	40.00	ug	0.02
81) Perylene-d12	15.540	264	859099	40.00	ug	0.03
System Monitoring Compounds						
2) 2-Fluorophenol	4.436	112	138007	24.71	ug	0.02
3) Phenol-d5	5.329	99	59568	11.26	ug	0.00
22) Nitrobenzene-d5	6.057	82	83520	14.14	ug	0.00
42) 2-Fluorobiphenyl	7.800	172	238645	15.58	ug	0.00
61) 2,4,6-Tribromophenol	9.271	330	117711	34.24	ug	0.01
75) Terphenyl-d14	11.523	244	411049	17.23	ug	0.00
Target Compounds						Qvalue
31) Benzoic Acid	6.725	105	841	Below Cal	#	1
66) Pentachlorophenol	9.849	266	13462m	4.90	ug	

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

Data Path : D:\2\data\090624\
Data File : b2494.D
Acq On : 6 Sep 2024 11:38 am
Operator :
Sample : 240823014-002a
Misc : samp
ALS Vial : 7 Sample Multiplier: 1

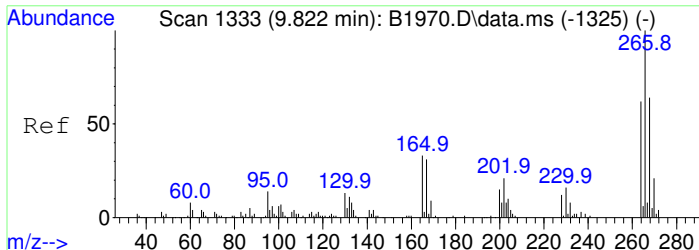
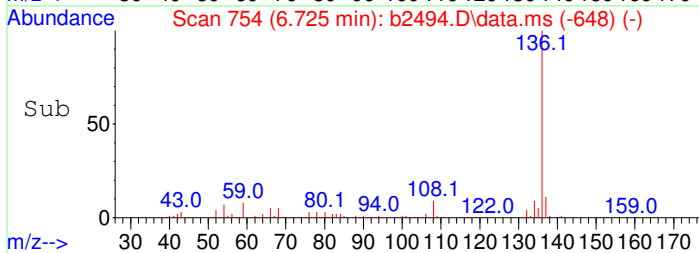
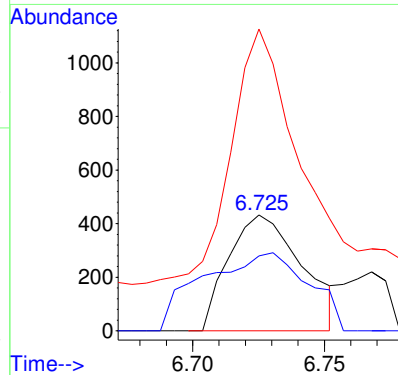
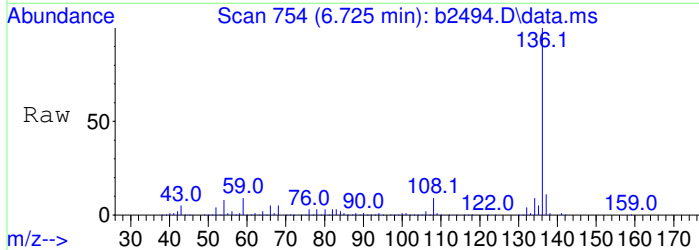
Quant Time: Sep 06 12:17:02 2024
Quant Method : C:\msdchem\2\qtmethode-b\methB071924.M
Quant Title : e8270 Calibration
QLast Update : Fri Aug 30 10:46:53 2024
Response via : Initial Calibration





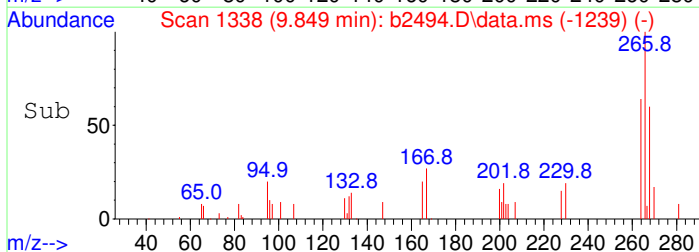
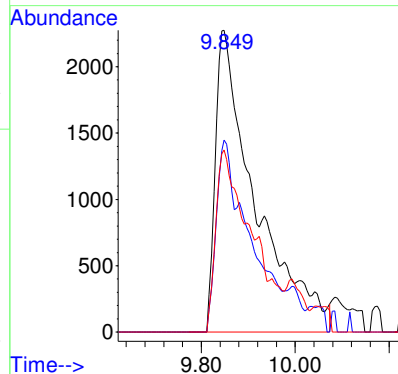
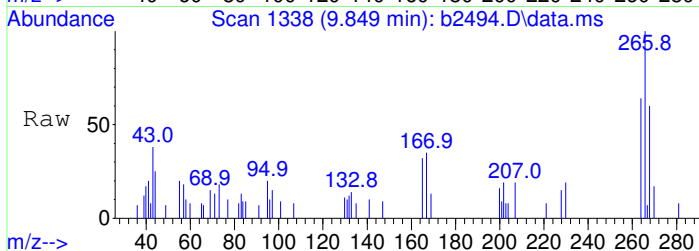
#31
Benzoic Acid
Concen: Below Cal
RT: 6.725 min Scan# 754
Delta R.T. 0.070 min
Lab File: b2494.D
Acq: 6 Sep 2024 11:38 am

Tgt Ion	105	122	77
Resp	841		
Ion Ratio	100	96.6	392.0
Lower		65.7	59.5
Upper		98.5	89.3



#66
Pentachlorophenol
Concen: 4.90 ug m
RT: 9.849 min Scan# 1338
Delta R.T. 0.032 min
Lab File: b2494.D
Acq: 6 Sep 2024 11:38 am

Tgt Ion	266	264	268
Resp	13462		
Ion Ratio	100	53.2	54.2
Lower		49.3	50.1
Upper		73.9	75.1



Data Path : D:\2\data\090624\
 Data File : b2495.D
 Acq On : 6 Sep 2024 12:05 pm
 Operator :
 Sample : 240823014-003a
 Misc : samp
 ALS Vial : 8 Sample Multiplier: 1

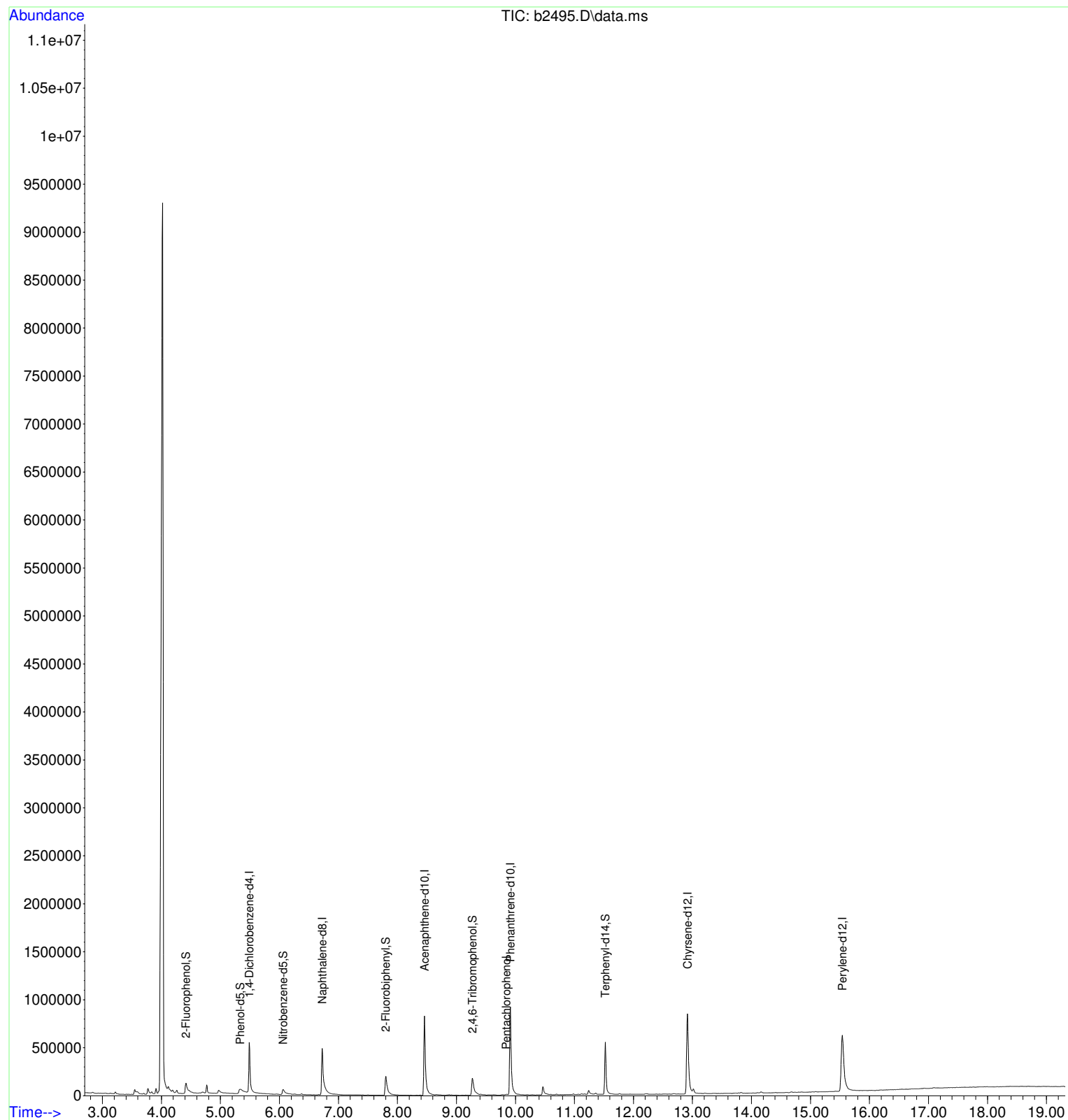
Quant Time: Sep 06 14:23:47 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

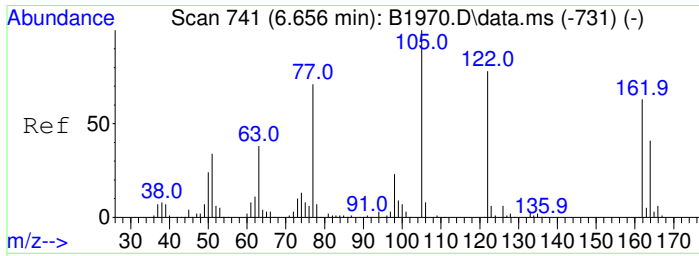
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	150302	40.00	ug	0.00
21) Naphthalene-d8	6.725	136	609561	40.00	ug	# 0.00
37) Acenaphthene-d10	8.458	164	384867	40.00	ug	# 0.00
58) Phenanthrene-d10	9.913	188	793578	40.00	ug	# 0.01
73) Chrysene-d12	12.914	240	777881	40.00	ug	0.02
81) Perylene-d12	15.540	264	801856	40.00	ug	0.03
System Monitoring Compounds						
2) 2-Fluorophenol	4.415	112	108717	22.85	ug	0.00
3) Phenol-d5	5.335	99	106989	23.73	ug	0.01
22) Nitrobenzene-d5	6.062	82	66815	12.74	ug	0.01
42) 2-Fluorobiphenyl	7.800	172	194231	14.22	ug	0.00
61) 2,4,6-Tribromophenol	9.271	330	91746	29.51	ug	0.01
75) Terphenyl-d14	11.523	244	373799	16.75	ug	0.00
Target Compounds						
31) Benzoic Acid	6.725	105	1093	Below Cal	#	1
66) Pentachlorophenol	9.843	266	6318	2.54	ug	90

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

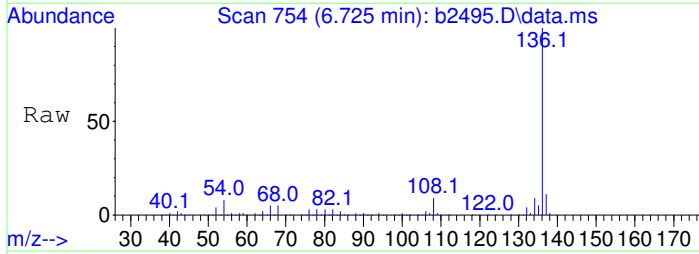
Data Path : D:\2\data\090624\
Data File : b2495.D
Acq On : 6 Sep 2024 12:05 pm
Operator :
Sample : 240823014-003a
Misc : samp
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 14:23:47 2024
Quant Method : C:\msdchem\2\qtmethode-b\methB071924.M
Quant Title : e8270 Calibration
QLast Update : Fri Aug 30 10:46:53 2024
Response via : Initial Calibration

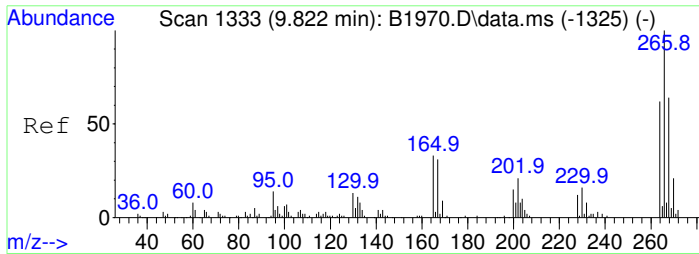
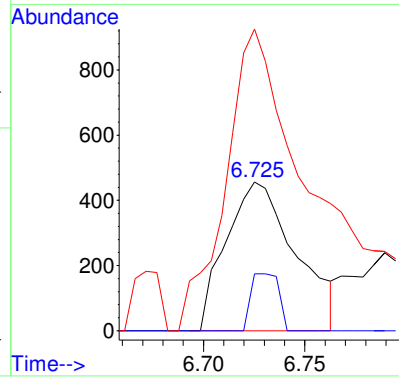
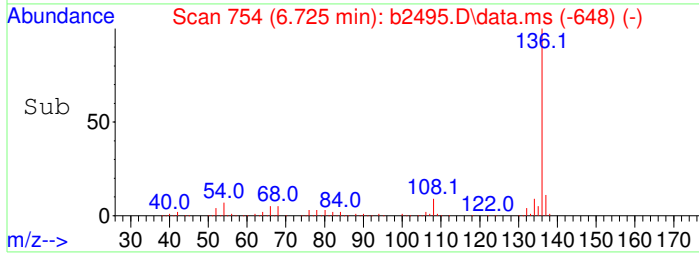




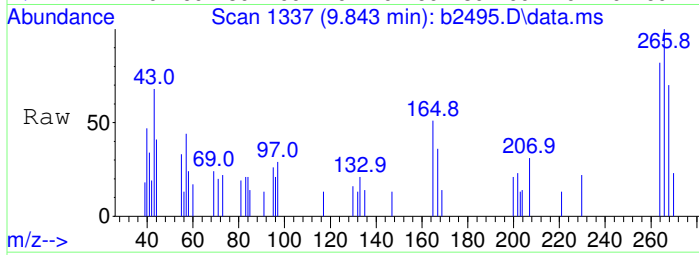
#31
Benzoic Acid
Concen: Below Cal
RT: 6.725 min Scan# 754
Delta R.T. 0.070 min
Lab File: b2495.D
Acq: 6 Sep 2024 12:05 pm



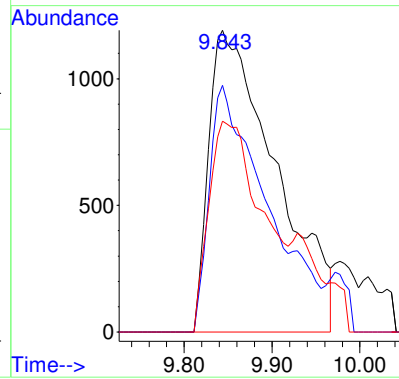
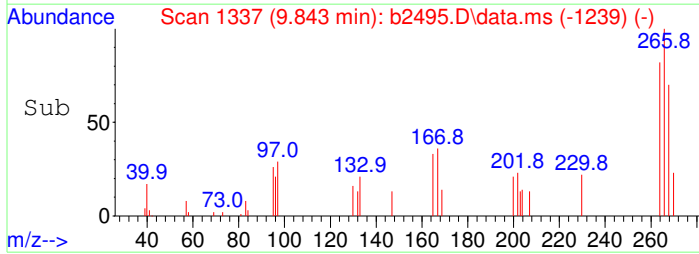
Tgt Ion	Ratio	Lower	Upper
105	100		
122	15.2	65.7	98.5#
77	261.1	59.5	89.3#



#66
Pentachlorophenol
Concen: 2.54 ug
RT: 9.843 min Scan# 1337
Delta R.T. 0.027 min
Lab File: b2495.D
Acq: 6 Sep 2024 12:05 pm



Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.4	49.3	73.9
268	55.9	50.1	75.1



Data Path : D:\2\data\090624\
 Data File : b2496.D
 Acq On : 6 Sep 2024 12:33 pm
 Operator :
 Sample : 240823014-004a
 Misc : samp
 ALS Vial : 9 Sample Multiplier: 1

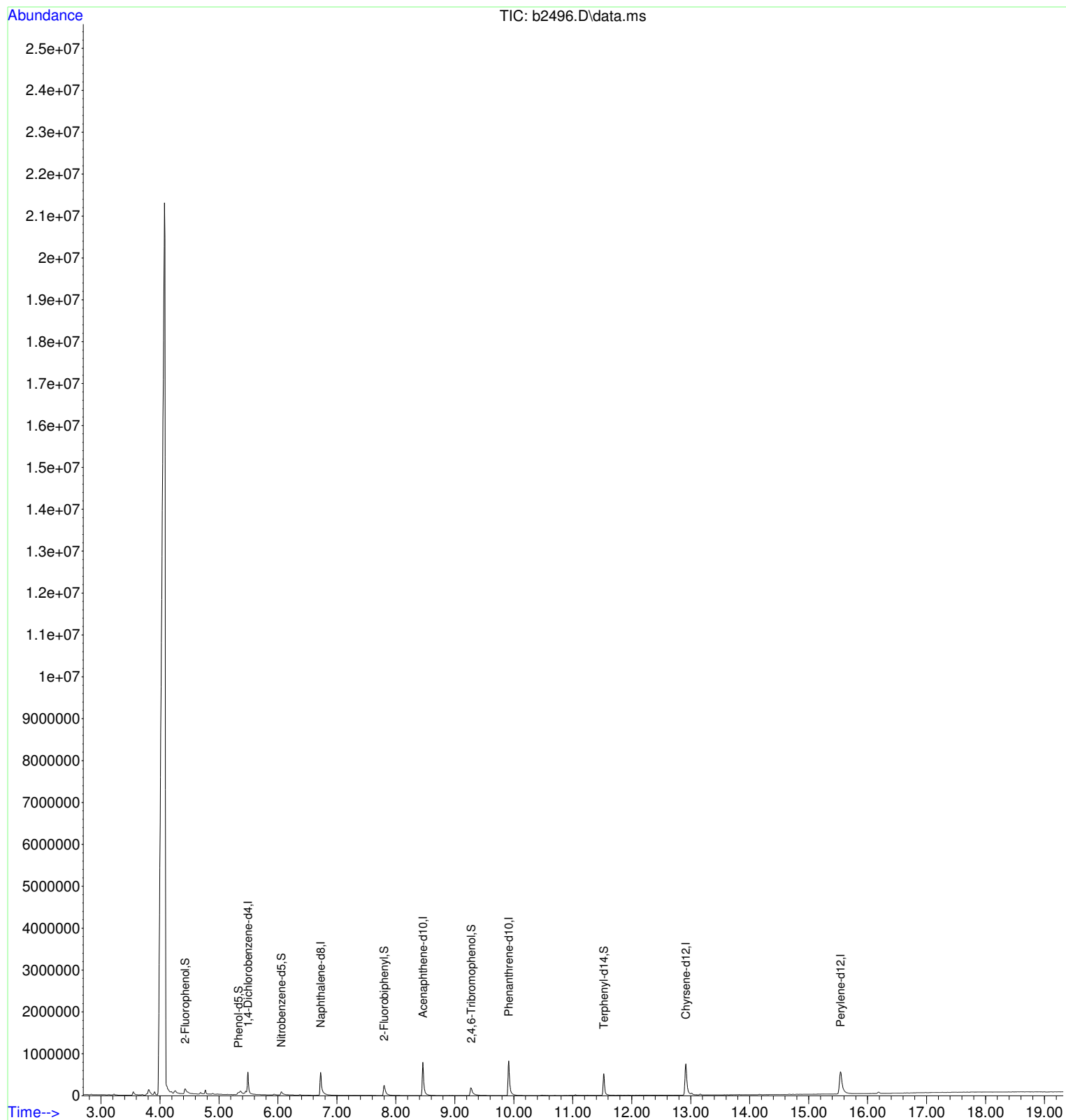
Quant Time: Sep 06 13:32:05 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

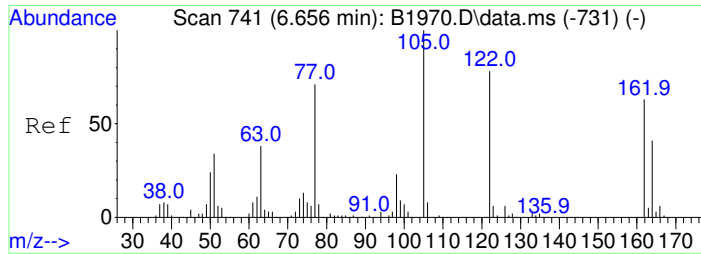
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.490	152	146635	40.00	ug	0.00
21) Naphthalene-d8	6.725	136	579420	40.00	ug	# 0.00
37) Acenaphthene-d10	8.458	164	360376	40.00	ug	# 0.00
58) Phenanthrene-d10	9.913	188	741513	40.00	ug	# 0.01
73) Chrysene-d12	12.919	240	727561	40.00	ug	0.02
81) Perylene-d12	15.540	264	739856	40.00	ug	0.03
System Monitoring Compounds						
2) 2-Fluorophenol	4.425	112	131245	28.28	ug	0.01
3) Phenol-d5	5.329	99	43807	9.96	ug	0.00
22) Nitrobenzene-d5	6.057	82	78362	15.72	ug	0.00
42) 2-Fluorobiphenyl	7.800	172	229280	17.93	ug	0.00
61) 2,4,6-Tribromophenol	9.276	330	111415	38.36	ug	0.02
75) Terphenyl-d14	11.528	244	393968	18.88	ug	0.01
Target Compounds						Qvalue
31) Benzoic Acid	6.730	105	580	Below Cal	#	1

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

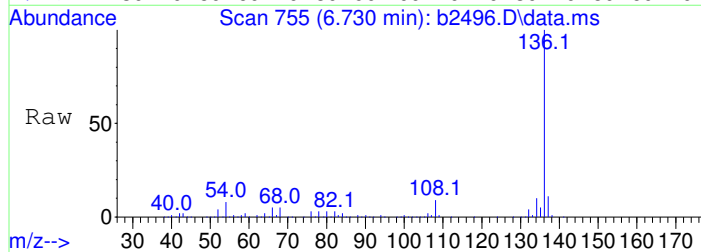
Data Path : D:\2\data\090624\
Data File : b2496.D
Acq On : 6 Sep 2024 12:33 pm
Operator :
Sample : 240823014-004a
Misc : samp
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 06 13:32:05 2024
Quant Method : C:\msdchem\2\qtmethode-b\methB071924.M
Quant Title : e8270 Calibration
QLast Update : Fri Aug 30 10:46:53 2024
Response via : Initial Calibration

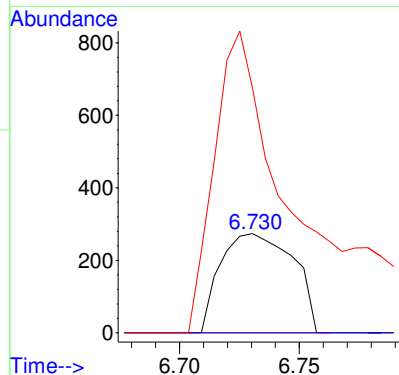
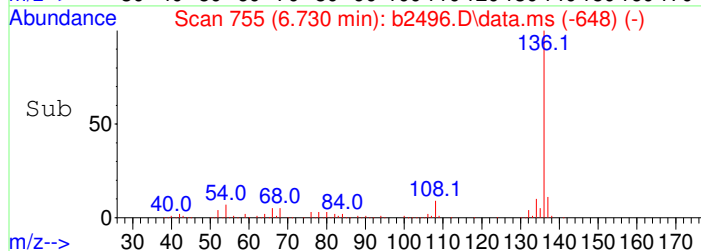




#31
Benzoic Acid
Concen: Below Cal
RT: 6.730 min Scan# 755
Delta R.T. 0.075 min
Lab File: b2496.D
Acq: 6 Sep 2024 12:33 pm



Tgt Ion	105	Resp	580
Ion	Ratio	Lower	Upper
105	100		
122	0.0	65.7	98.5#
77	345.5	59.5	89.3#



Data Path : D:\2\data\090624\
 Data File : b2497.D
 Acq On : 6 Sep 2024 1:00 pm
 Operator :
 Sample : 240823014-002ams
 Misc : ms
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 06 13:39:04 2024
 Quant Method : C:\msdchem\2\qtmethods-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

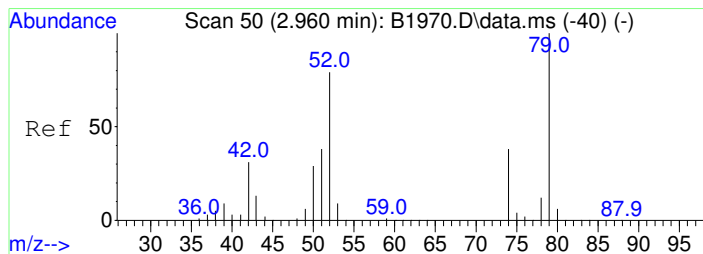
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.489	152	154151	40.00	ug	0.00
21) Naphthalene-d8	6.720	136	589592	40.00	ug	# 0.00
37) Acenaphthene-d10	8.453	164	367053	40.00	ug	# 0.00
58) Phenanthrene-d10	9.907	188	765496	40.00	ug	# 0.00
73) Chrysene-d12	12.908	240	773202	40.00	ug	0.01
81) Perylene-d12	15.534	264	805856	40.00	ug	0.03
System Monitoring Compounds						
2) 2-Fluorophenol	4.425	112	124476	25.51	ug	0.01
3) Phenol-d5	5.308	99	142997	30.92	ug	-0.02
22) Nitrobenzene-d5	6.051	82	71323	14.06	ug	0.00
42) 2-Fluorobiphenyl	7.795	172	209862	16.11	ug	0.00
61) 2,4,6-Tribromophenol	9.260	330	112403	37.48	ug	0.00
75) Terphenyl-d14	11.523	244	395009	17.81	ug	0.00
Target Compounds						Qvalue
4) Pyridine	2.981	79	65004	15.40	ug	93
7) Aniline	5.238	93	109709	18.37	ug	96
8) Phenol	5.318	94	154902	26.87	ug	# 91
9) bis(2-Chloroethyl)ether	5.276	93	130195	28.25	ug	98
10) 2-Chlorophenol	5.372	128	163765	34.34	ug	93
11) 1,3-Dichlorobenzene	5.457	146	144481	25.85	ug	# 96
12) 1,4-Dichlorobenzene	5.506	146	155980	25.69	ug	# 99
13) Benzyl alcohol	5.843	108	157631	36.79	ug	# 41
14) 1,2-Dichlorobenzene	5.687	146	151186	27.00	ug	97
15) 2-Methylphenol	5.843	108	157631	36.79	ug	96
16) bis(2-chloroisopropyl)	5.789	45	206080	36.14	ug	98
18) 4-Methylphenol	5.998	108	184204	37.29	ug	# 73
19) n-Nitroso-di-n-propyla	5.923	70	107556	31.89	ug	95
20) Hexachloroethane	5.971	117	50205	24.12	ug	99
23) Nitrobenzene	6.067	77	178845	33.32	ug	96
24) Isophorone	6.286	82	283388	44.78	ug	100
25) 2-Nitrophenol	6.383	139	90485	32.82	ug	91
26) 2,4-Dimethylphenol	6.468	107	153607	36.85	ug	95
27) bis(2-Chloroethoxy)met	6.506	93	188714	34.93	ug	98
28) 2,4-Dichlorophenol	6.672	162	161215	34.97	ug	# 95
29) 1,2,4-Trichlorobenzene	6.682	180	158985	28.27	ug	100
30) Naphthalene	6.741	128	464124	31.28	ug	99
31) Benzoic Acid	6.613	105	337	Below Cal	#	10
32) 4-Chloroaniline	6.843	127	147587	24.24	ug	97
33) Hexachlorobutadiene	6.912	225	85029	23.62	ug	98
35) 4-Chloro-3-methylphenol	7.372	107	160130	38.41	ug	# 1
36) 2-Methylnaphthalene	7.415	142	404525	34.88	ug	98
38) Hexachlorocyclopentadiene	7.634	237	47875	19.17	ug	98
39) 2,4,6-Trichlorophenol	7.747	196	132114	35.74	ug	100
40) 2,4,5-Trichlorophenol	7.827	196	166220	38.59	ug	99
43) 2-Chloronaphthalene	7.896	162	366105	33.37	ug	97
44) 2-Nitroaniline	8.046	65	104435	35.61	ug	# 82
45) Dimethylphthalate	8.228	163	499862	40.22	ug	# 95
46) Acenaphthylene	8.308	152	577052	39.73	ug	99
47) 2,6-Dinitrotoluene	8.303	165	106519	39.49	ug	97
48) 3-Nitroaniline	8.469	138	92497	33.84	ug	# 39
49) Acenaphthene	8.485	153	423314	40.01	ug	94
50) 2,4-Dinitrophenol	8.586	184	50430	49.91	ug	# 68
51) 4-Nitrophenol	8.832	109	40061m	31.87	ug	
52) Dibenzofuran	8.645	168	584977	36.88	ug	93
53) 2,4-Dinitrotoluene	8.699	165	153738	40.11	ug	# 90

Data Path : D:\2\data\090624\
 Data File : b2497.D
 Acq On : 6 Sep 2024 1:00 pm
 Operator :
 Sample : 240823014-002ams
 Misc : ms
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 06 13:39:04 2024
 Quant Method : C:\msdchem\2\qtmetho-b\methB071924.M
 Quant Title : e8270 Calibration
 QLast Update : Fri Aug 30 10:46:53 2024
 Response via : Initial Calibration

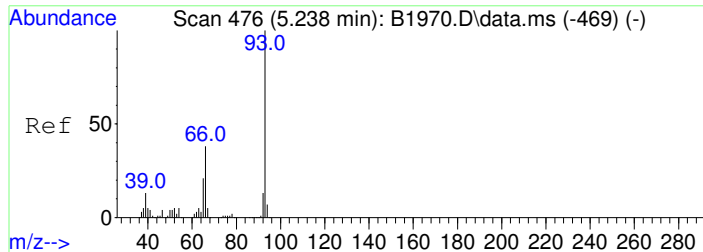
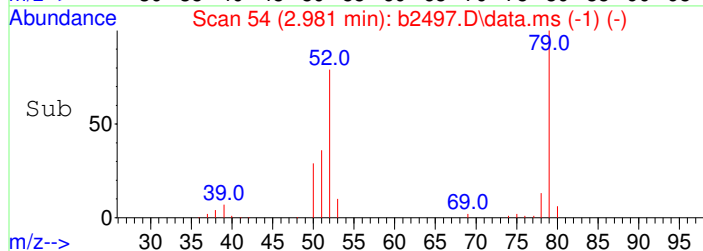
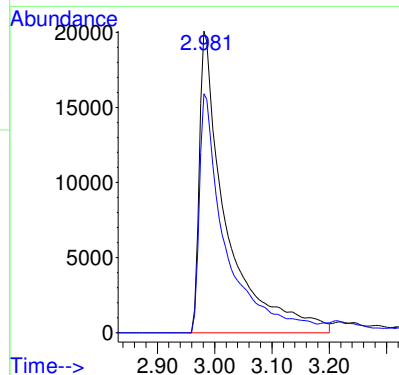
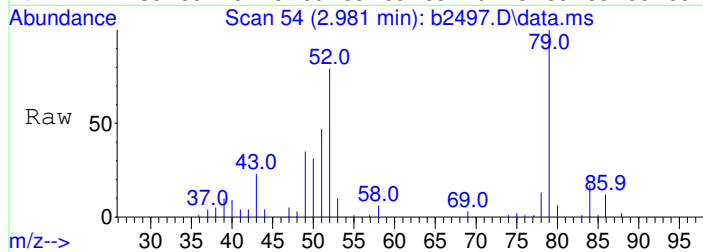
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
54) Diethylphthalate	8.918	149	502442	40.55	ug	96
55) Fluorene	8.982	166	483843	39.09	ug	93
56) 4-Chlorophenyl-phenyle	8.982	204	261692	38.92	ug	97
57) 4-Nitroaniline	9.089	138	103672	38.26	ug	# 88
59) 4,6-Dinitro-2-methylph	9.111	198	96379	42.35	ug	100
60) n-Nitrosodiphenylamine	9.111	169	420781	46.31	ug	91
62) Azobenzene	9.132	77	472856	38.98	ug	# 81
63) 4-Bromophenyl-phenylether	9.458	248	180549	38.52	ug	95
64) Hexachlorobenzene	9.608	284	231784	38.56	ug	# 90
65) Atrazine	9.817	200	15158	3.49	ug	# 50
66) Pentachlorophenol	9.822	266	106650	44.47	ug	97
67) Phenanthrene	9.929	178	741839	39.61	ug	99
68) Anthracene	9.977	178	806036	44.04	ug	99
70) Carbazole	10.159	167	713337	40.69	ug	100
71) Di-n-butylphthalate	10.523	149	894430	42.53	ug	99
72) Fluoranthene	11.346	202	1000500	42.71	ug	98
74) Pyrene	11.346	202	1000500	40.34	ug	# 94
76) Butylbenzylphthalate	12.138	149	391815	41.37	ug	# 93
77) Benzo[a]anthracene	12.881	228	935230	37.09	ug	100
79) Chrysene	12.951	228	958080	39.50	ug	99
80) bis(2-Ethylhexyl)phtha	13.015	149	595321	41.77	ug	100
82) Di-n-octylphthalate	14.101	149	992081	45.35	ug	96
83) Benzo[b]fluoranthene	14.785	252	920931	39.95	ug	99
84) Benzo[k]fluoranthene	14.828	252	1014957	43.60	ug	98
85) Benzo[a]pyrene	15.422	252	838466	39.61	ug	100
86) Indeno[1,2,3-cd]pyrene	17.834	276	872567m	41.60	ug	
87) Dibenz[a,h]anthracene	17.888	278	822459	38.39	ug	99
88) Benzo[g,h,i]perylene	18.460	276	741731	34.61	ug	96

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



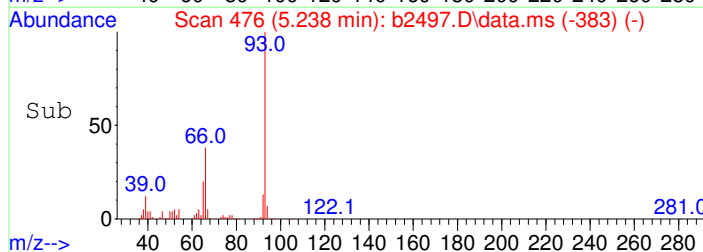
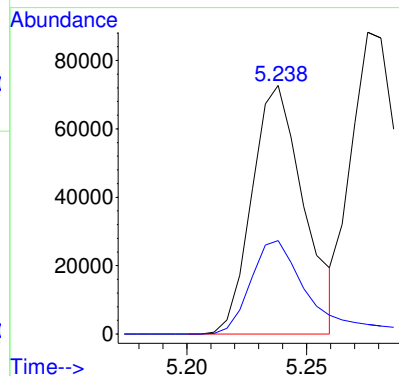
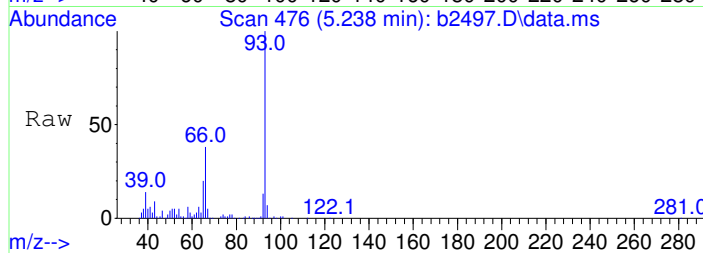
#4
Pyridine
Concen: 15.40 ug
RT: 2.981 min Scan# 54
Delta R.T. 0.027 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

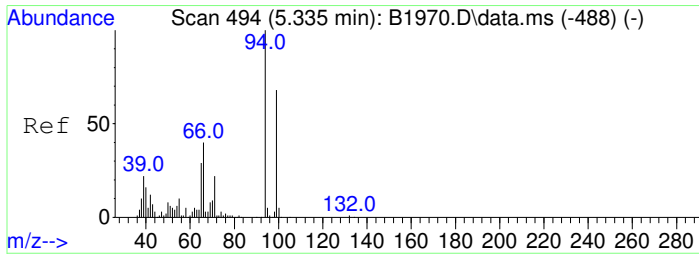
Tgt Ion: 79 Resp: 65004
Ion Ratio Lower Upper
79 100
52 77.8 67.3 100.9



#7
Aniline
Concen: 18.37 ug
RT: 5.238 min Scan# 476
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

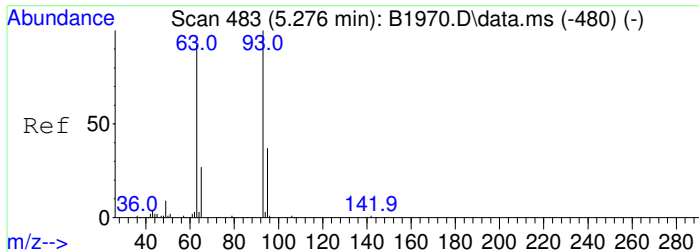
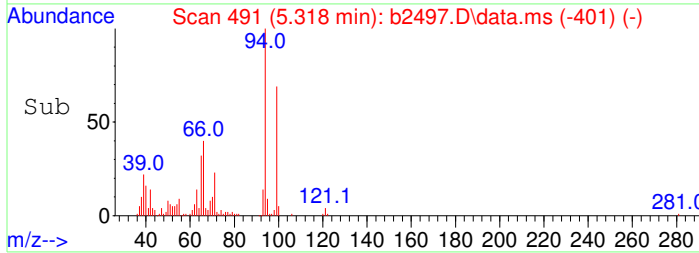
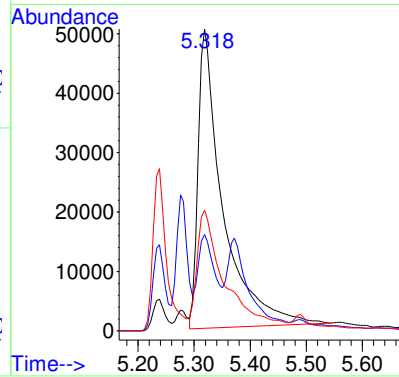
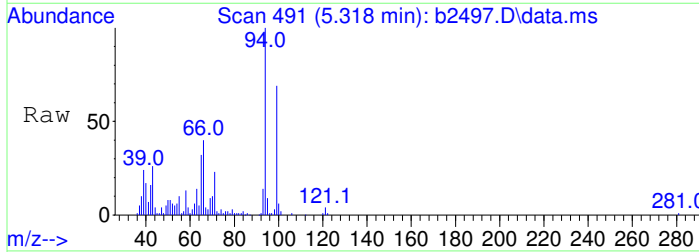
Tgt Ion: 93 Resp: 109709
Ion Ratio Lower Upper
93 100
66 41.6 31.4 47.2





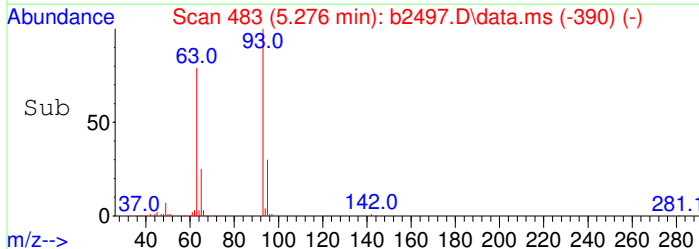
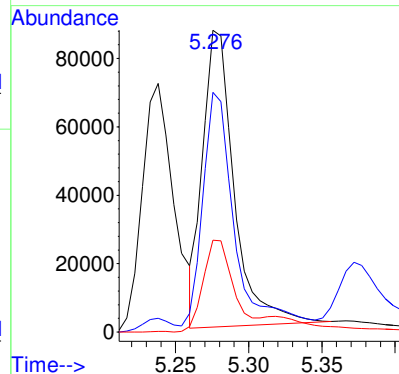
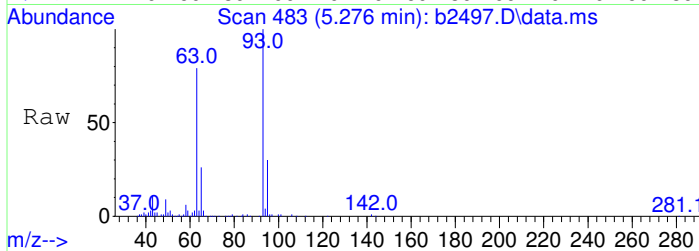
#8
Phenol
Concen: 26.87 ug
RT: 5.318 min Scan# 491
Delta R.T. -0.016 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

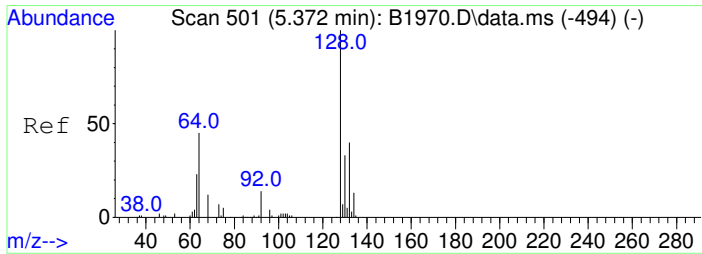
Tgt Ion: 94 Resp: 154902
Ion Ratio Lower Upper
94 100
65 22.6 25.7 38.5#
66 43.8 33.5 50.3



#9
bis(2-Chloroethyl)ether
Concen: 28.25 ug
RT: 5.276 min Scan# 483
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

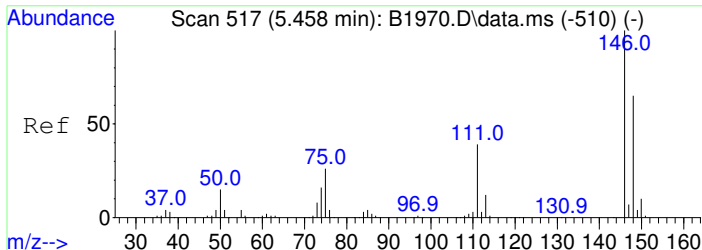
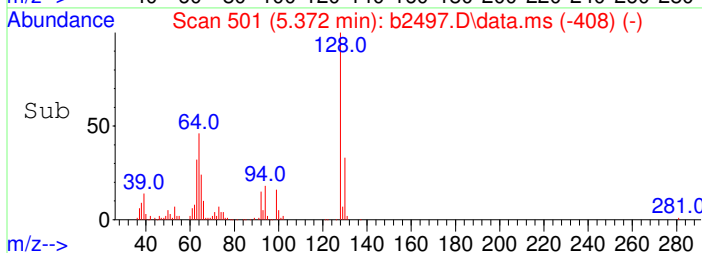
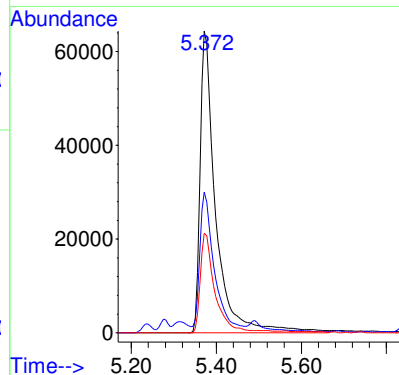
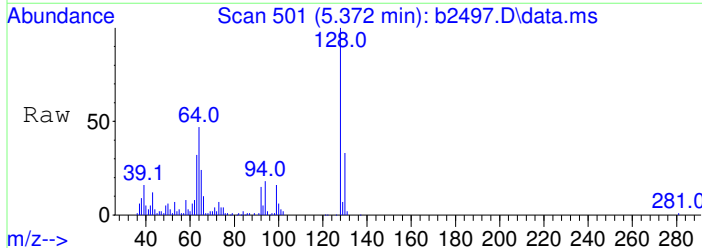
Tgt Ion: 93 Resp: 130195
Ion Ratio Lower Upper
93 100
63 81.5 67.0 100.4
95 30.3 24.8 37.2





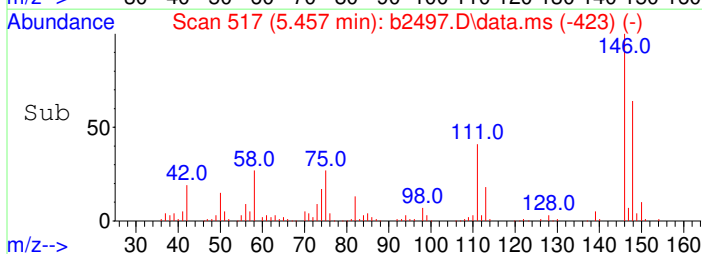
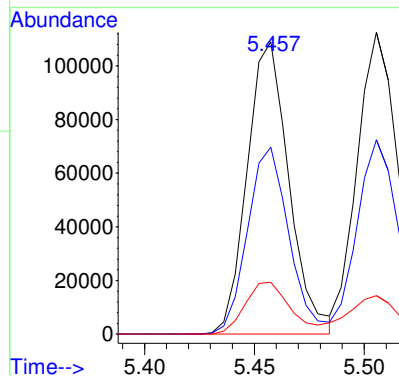
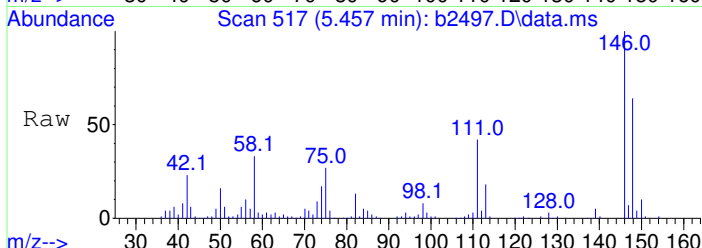
#10
2-Chlorophenol
Concen: 34.34 ug
RT: 5.372 min Scan# 501
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

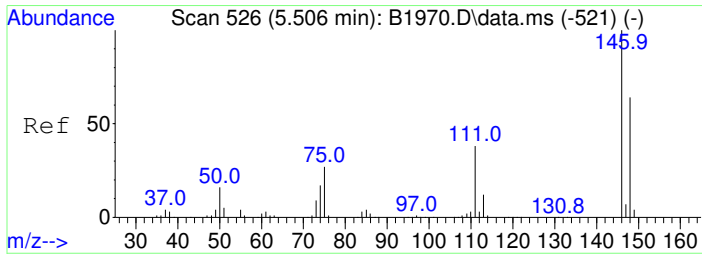
Tgt Ion	128	Resp	163765
Ion Ratio	100	Lower	Upper
64	43.0	29.4	44.2
130	30.2	25.9	38.9



#11
1,3-Dichlorobenzene
Concen: 25.85 ug
RT: 5.457 min Scan# 517
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

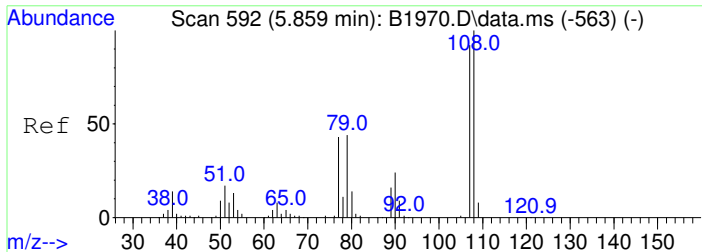
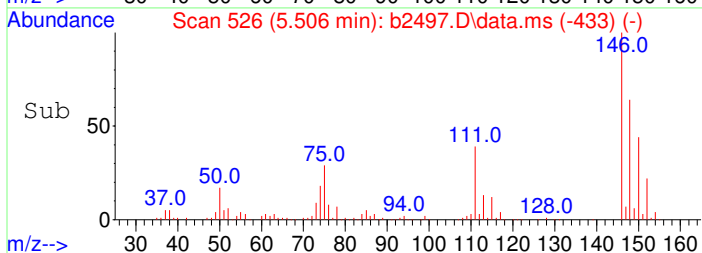
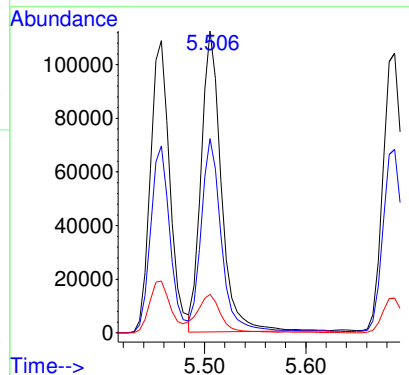
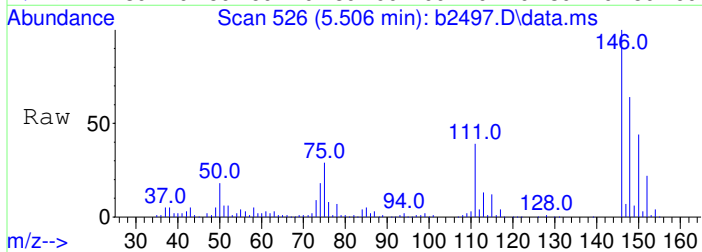
Tgt Ion	146	Resp	144481
Ion Ratio	100	Lower	Upper
148	63.6	51.7	77.5
113	19.1	10.2	15.2#





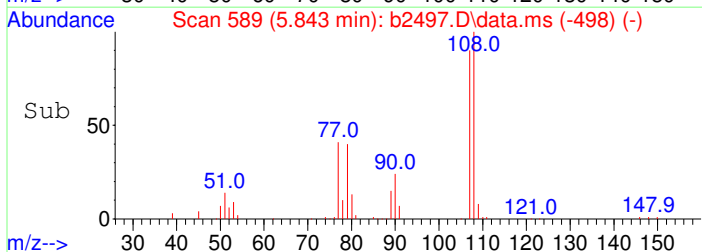
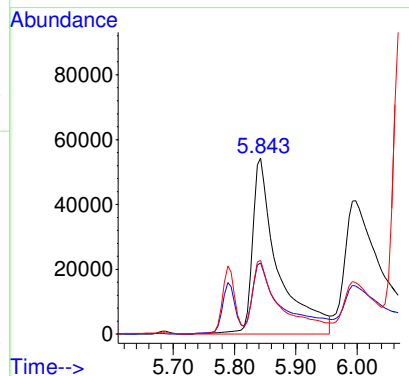
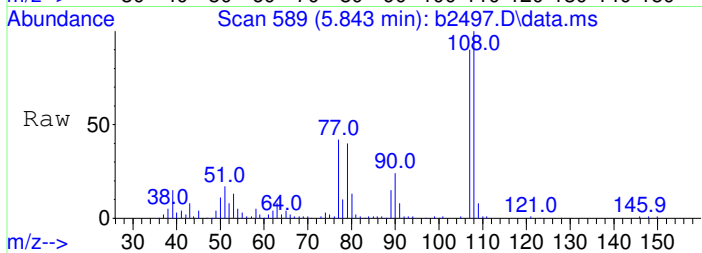
#12
1,4-Dichlorobenzene
Concen: 25.69 ug
RT: 5.506 min Scan# 526
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

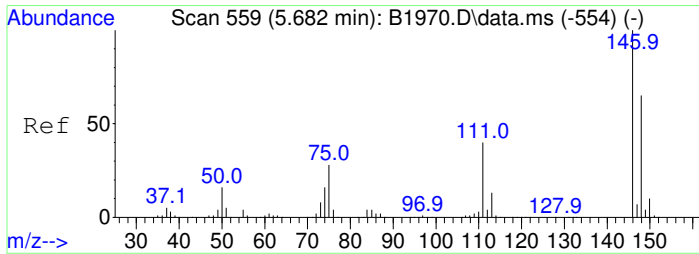
Tgt Ion:146	Resp:	155980
Ion Ratio	Lower	Upper
146	100	
148	63.8	51.0 76.6
113	15.9	9.9 14.9#



#13
Benzyl alcohol
Concen: 36.79 ug
RT: 5.843 min Scan# 589
Delta R.T. -0.011 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

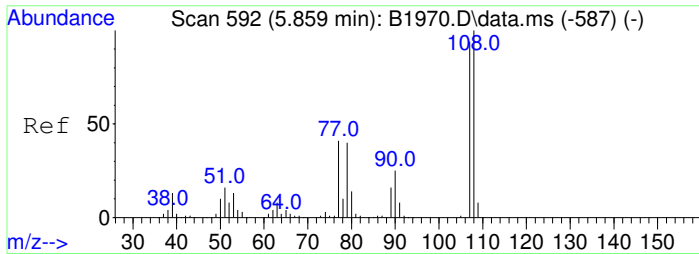
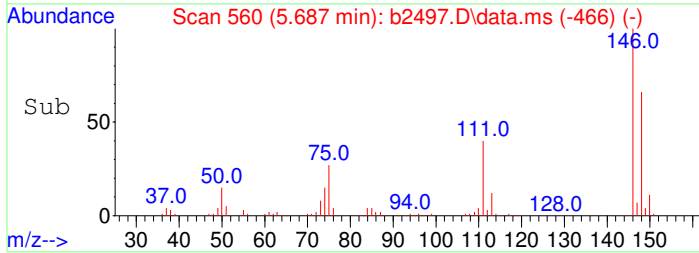
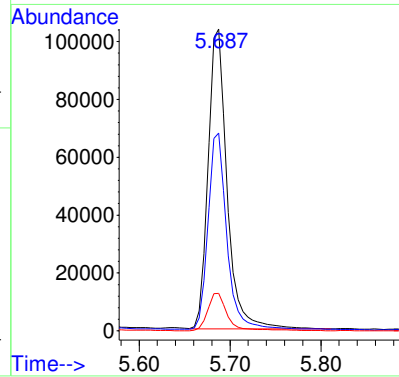
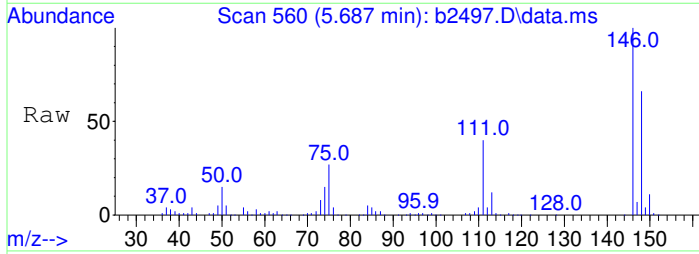
Tgt Ion:108	Resp:	157631
Ion Ratio	Lower	Upper
108	100	
79	44.3	98.0 147.0#
77	43.6	65.7 98.5#





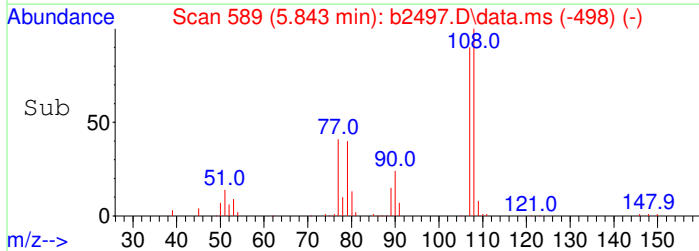
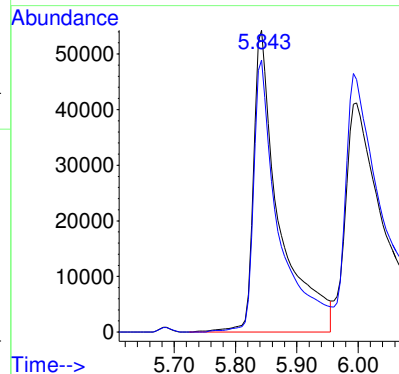
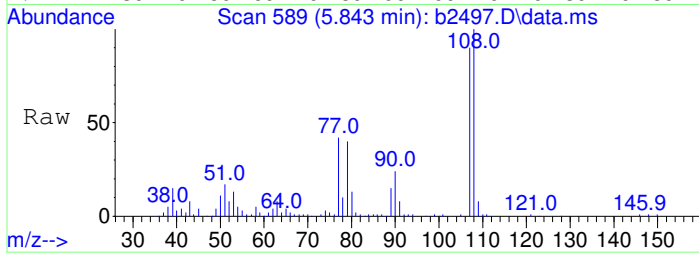
#14
1,2-Dichlorobenzene
Concen: 27.00 ug
RT: 5.687 min Scan# 560
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

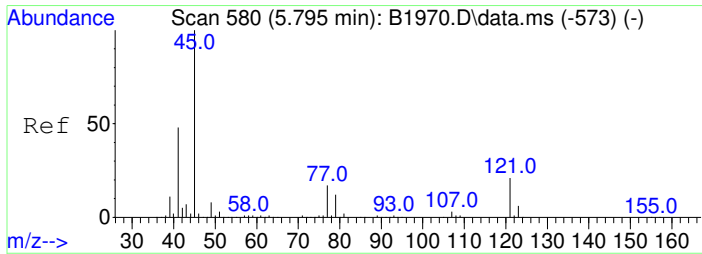
Tgt Ion:146	Resp:	151186
Ion Ratio	Lower	Upper
146	100	
148	66.2	50.7 76.1
113	13.2	10.2 15.2



#15
2-Methylphenol
Concen: 36.79 ug
RT: 5.843 min Scan# 589
Delta R.T. -0.011 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

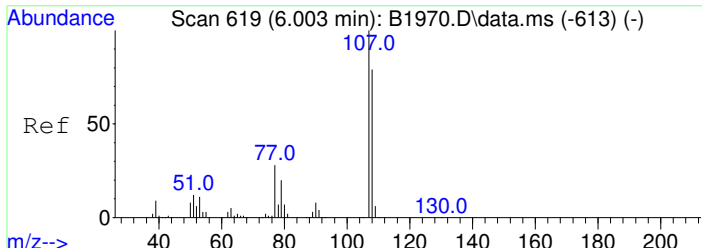
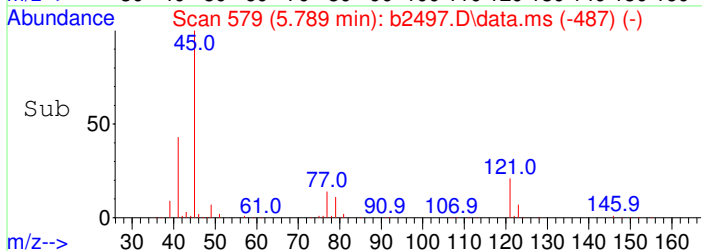
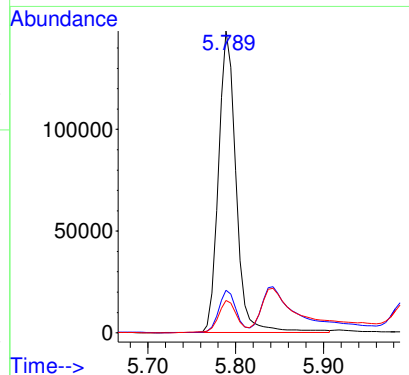
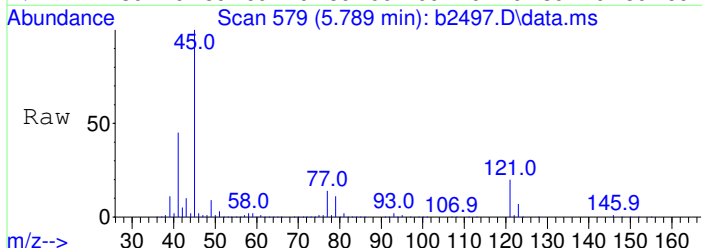
Tgt Ion:108	Resp:	157631
Ion Ratio	Lower	Upper
108	100	
107	89.0	74.0 111.0





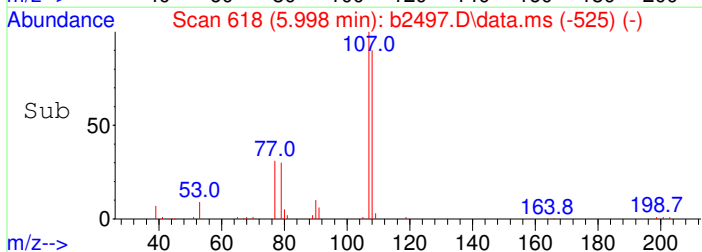
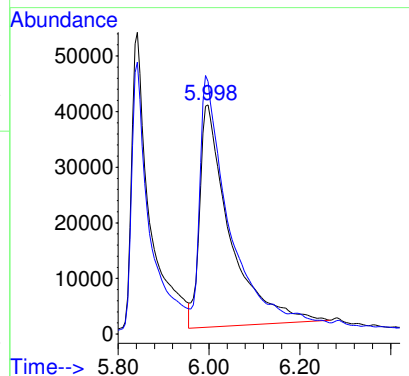
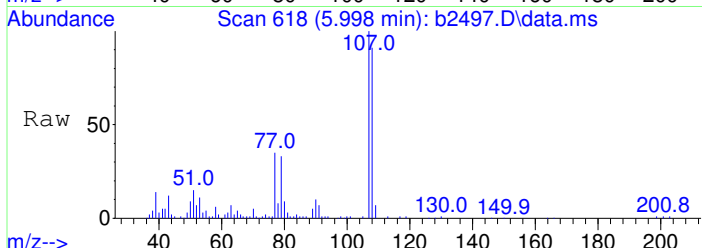
#16
bis(2-chloroisopropyl)
Concen: 36.14 ug
RT: 5.789 min Scan# 579
Delta R.T. -0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

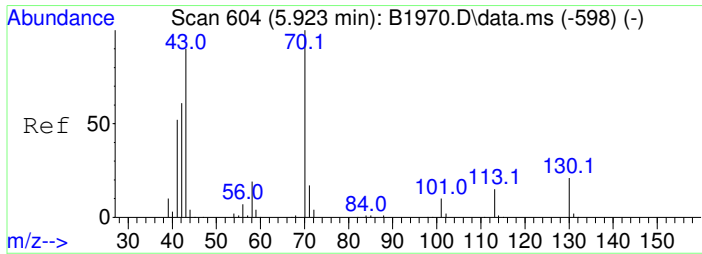
Tgt Ion:	45	Resp:	206080
Ion Ratio	Lower	Upper	
45	100		
77	14.5	11.9	17.9
79	11.7	8.1	12.1



#18
4-Methylphenol
Concen: 37.29 ug
RT: 5.998 min Scan# 618
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

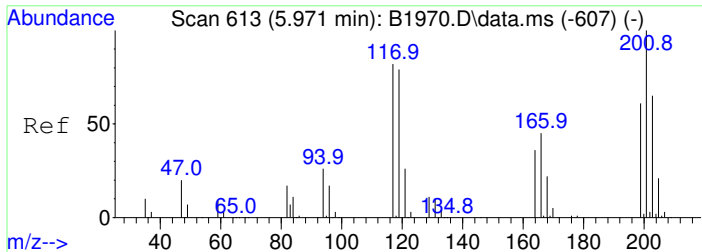
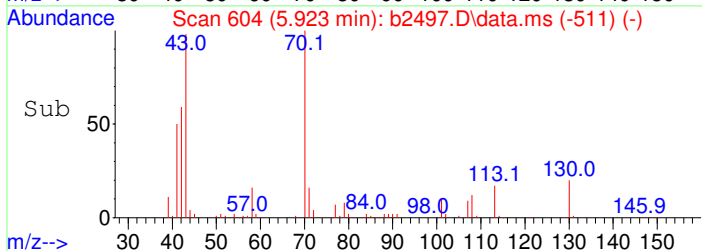
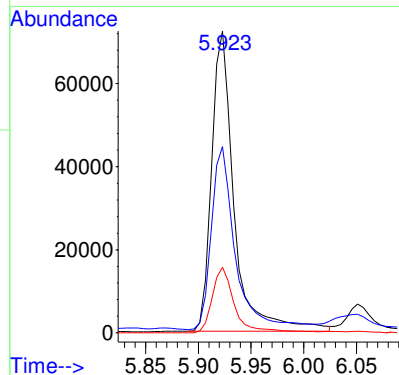
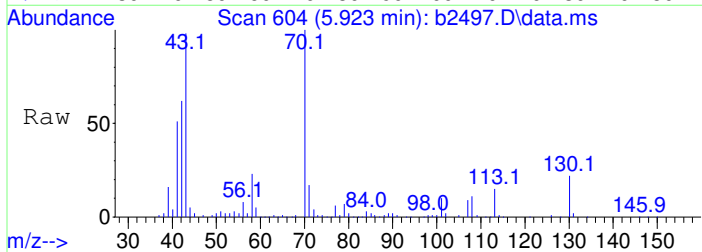
Tgt Ion:	108	Resp:	184204
Ion Ratio	Lower	Upper	
108	100		
107	95.5	100.8	151.2#





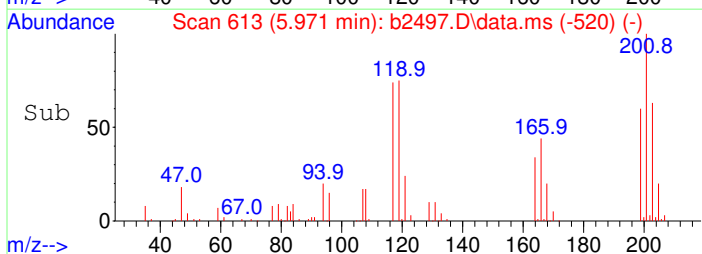
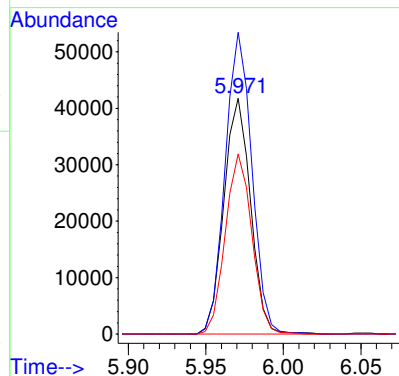
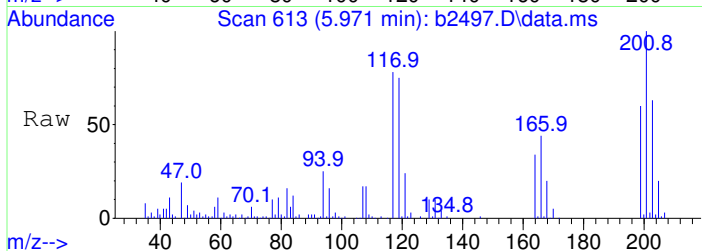
#19
 n-Nitroso-di-n-propyla
 Concen: 31.89 ug
 RT: 5.923 min Scan# 604
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

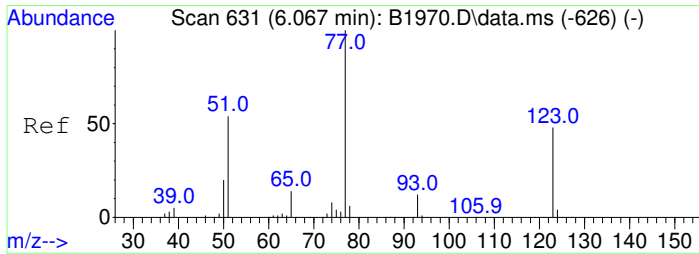
Tgt Ion:	70	Resp:	107556
Ion Ratio	Lower	Upper	
70	100		
42	64.9	55.4	83.2
130	21.9	16.2	24.4



#20
 Hexachloroethane
 Concen: 24.12 ug
 RT: 5.971 min Scan# 613
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

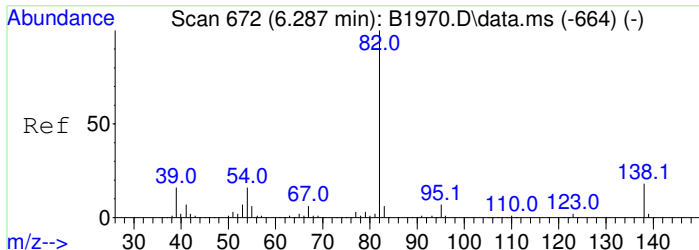
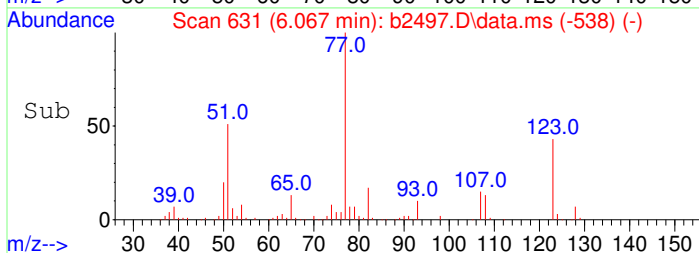
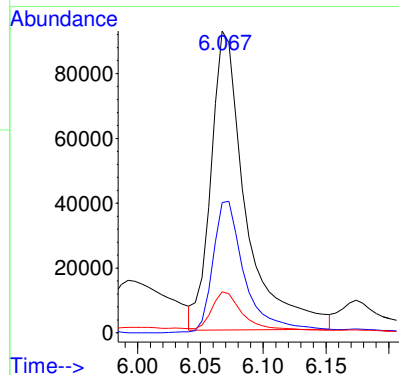
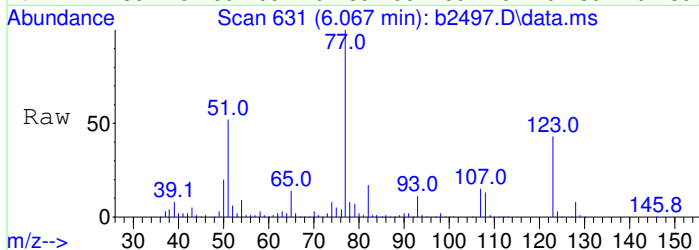
Tgt Ion:	117	Resp:	50205
Ion Ratio	Lower	Upper	
117	100		
201	127.4	100.1	150.1
199	75.6	60.1	90.1





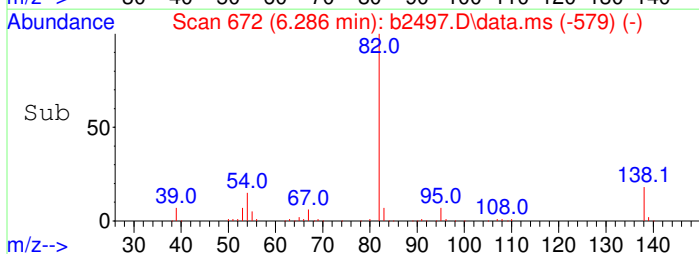
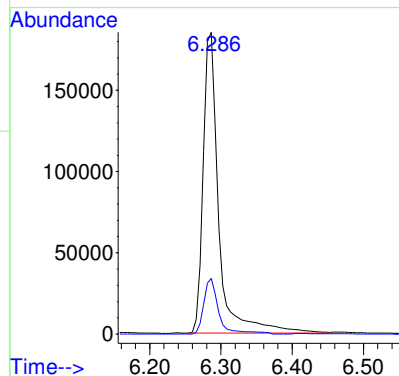
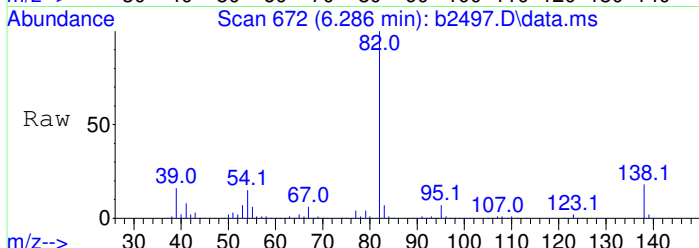
#23
Nitrobenzene
Concen: 33.32 ug
RT: 6.067 min Scan# 631
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

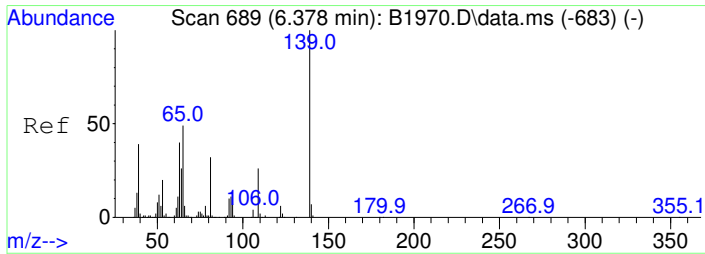
Tgt Ion:	77	Resp:	178845
Ion Ratio	Lower	Upper	
77	100		
123	41.5	35.2	52.8
65	11.5	11.2	16.8



#24
Isophorone
Concen: 44.78 ug
RT: 6.286 min Scan# 672
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

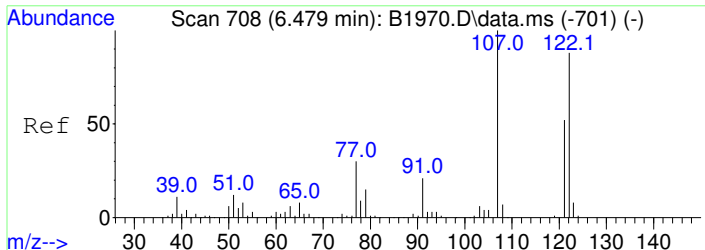
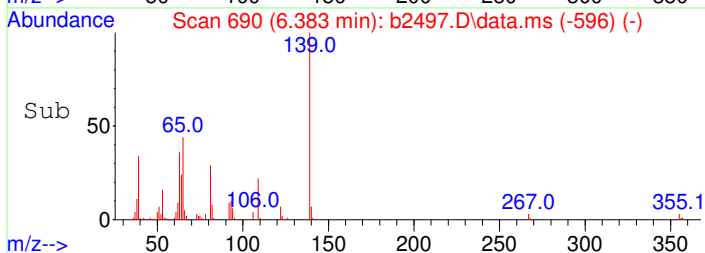
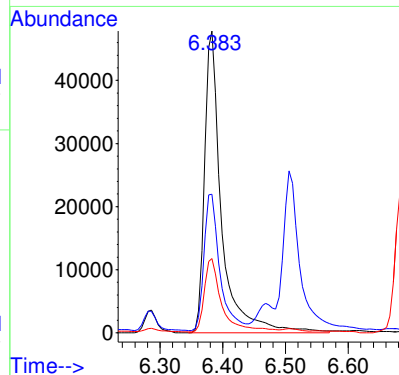
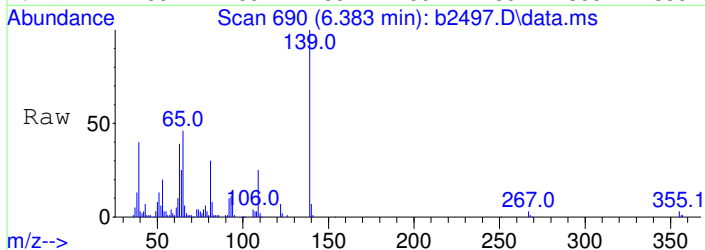
Tgt Ion:	82	Resp:	283388
Ion Ratio	Lower	Upper	
82	100		
138	17.6	14.2	21.2





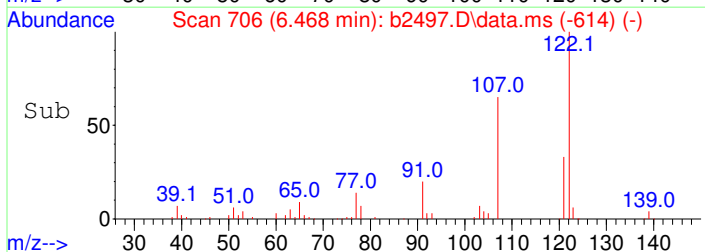
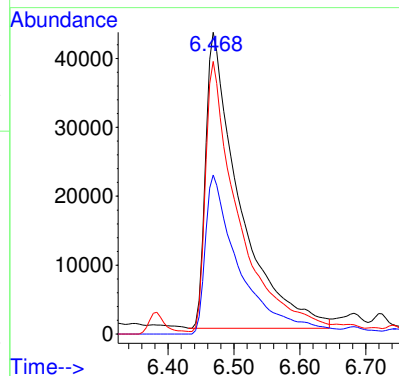
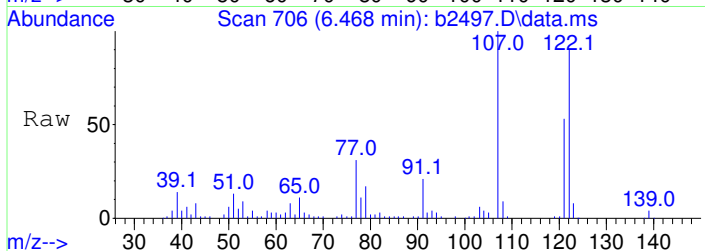
#25
2-Nitrophenol
Concen: 32.82 ug
RT: 6.383 min Scan# 690
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

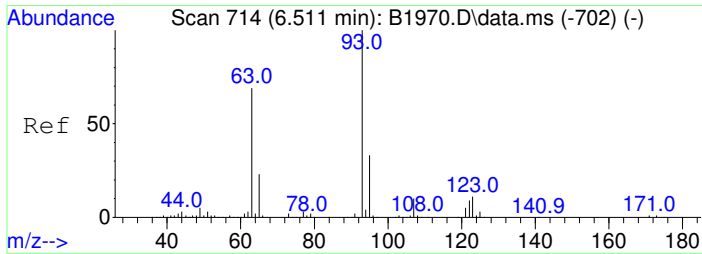
Tgt Ion	Ratio	Lower	Upper
139	100		
65	41.7	39.7	59.5
109	24.6	21.1	31.7



#26
2,4-Dimethylphenol
Concen: 36.85 ug
RT: 6.468 min Scan# 706
Delta R.T. -0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

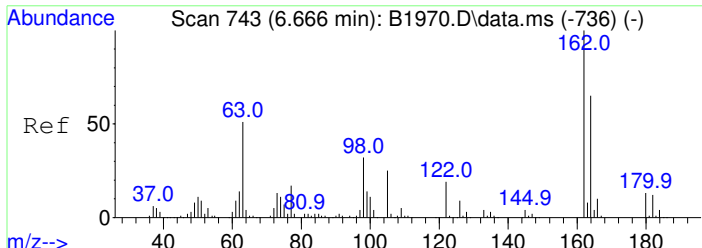
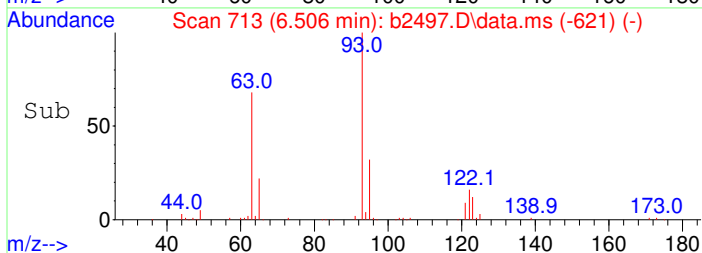
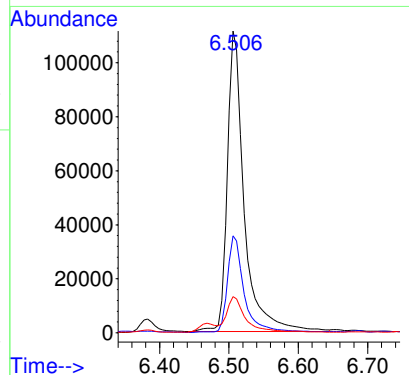
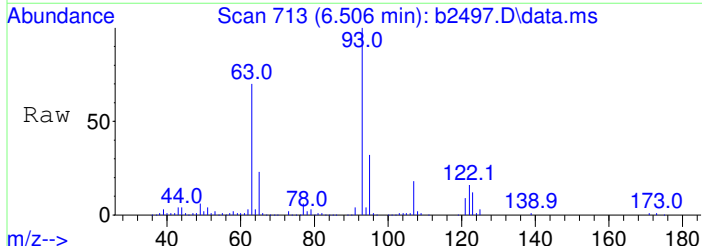
Tgt Ion	Ratio	Lower	Upper
107	100		
121	55.0	40.3	60.5
122	89.6	69.0	103.4





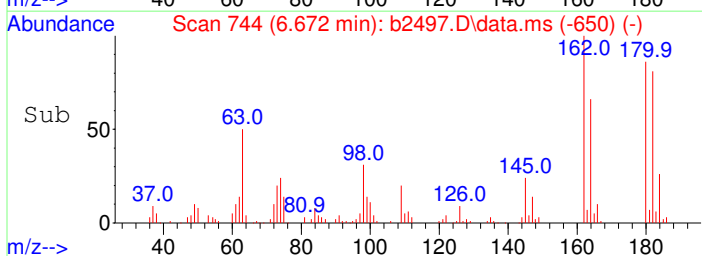
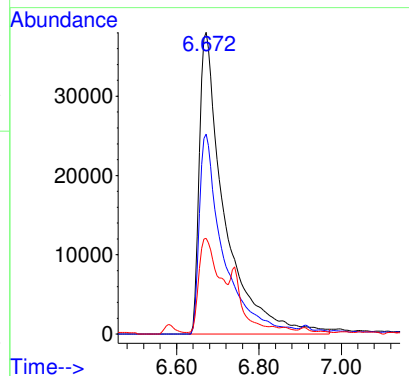
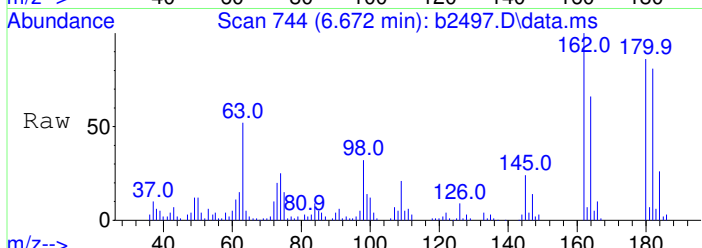
#27
 bis(2-Chloroethoxy)met
 Concen: 34.93 ug
 RT: 6.506 min Scan# 713
 Delta R.T. -0.005 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

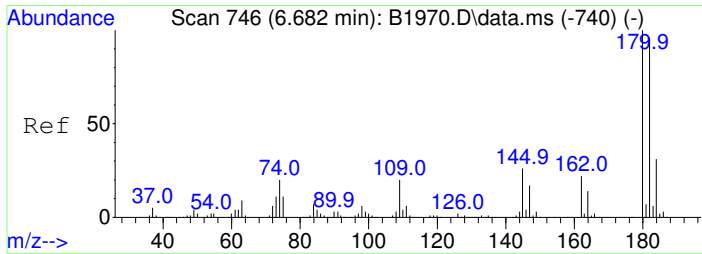
Tgt Ion:	93	Resp:	188714
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.0	39.0
123	13.3	9.4	14.2



#28
 2,4-Dichlorophenol
 Concen: 34.97 ug
 RT: 6.672 min Scan# 744
 Delta R.T. 0.005 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

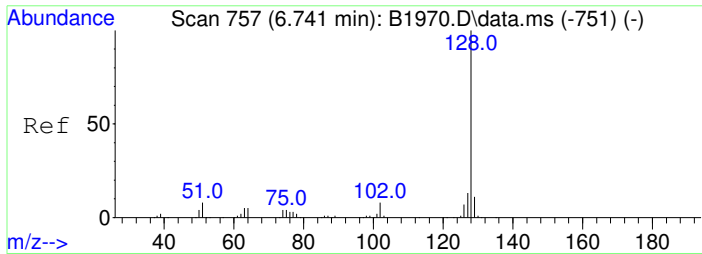
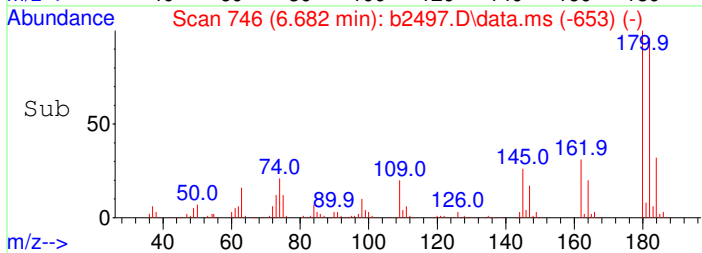
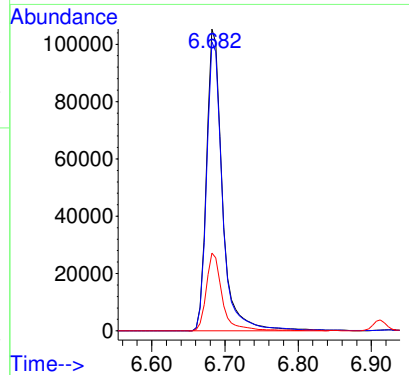
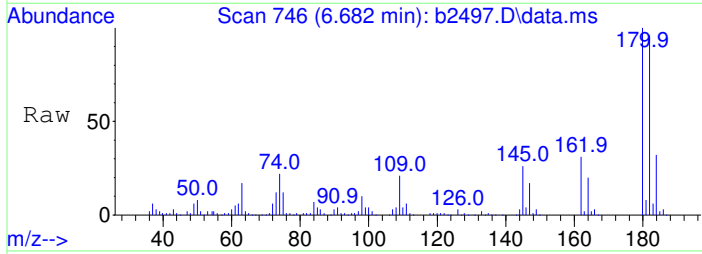
Tgt Ion:	162	Resp:	161215
Ion Ratio	Lower	Upper	
162	100		
164	63.3	51.4	77.2
98	25.6	25.7	38.5#





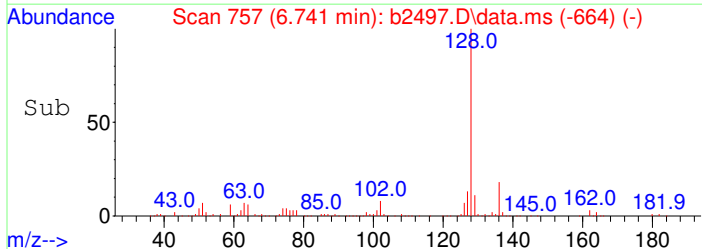
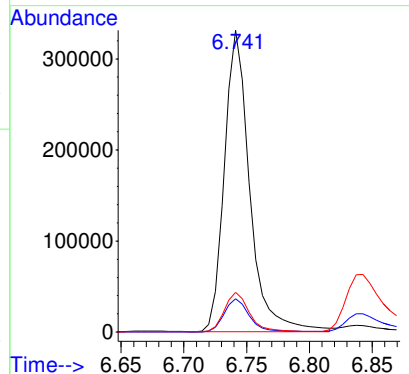
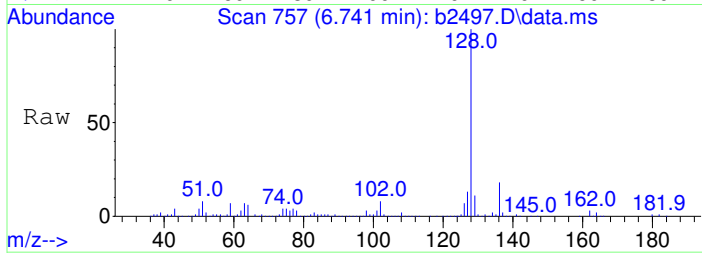
#29
1,2,4-Trichlorobenzene
Concen: 28.27 ug
RT: 6.682 min Scan# 746
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

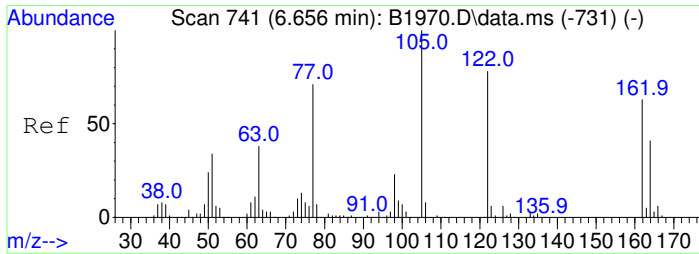
Tgt Ion	180	182	145
Resp	158985	96.2	25.9
Lower		77.3	21.0
Upper		115.9	31.6



#30
Naphthalene
Concen: 31.28 ug
RT: 6.741 min Scan# 757
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

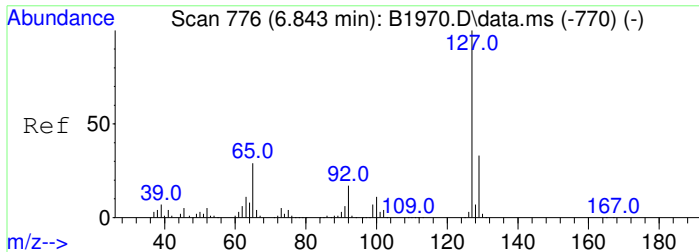
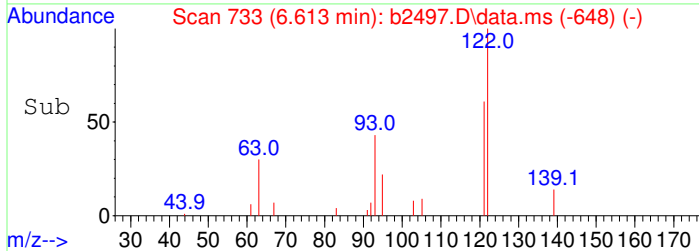
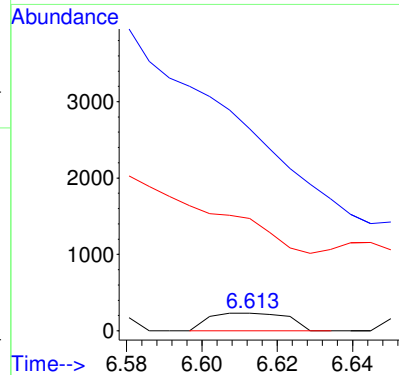
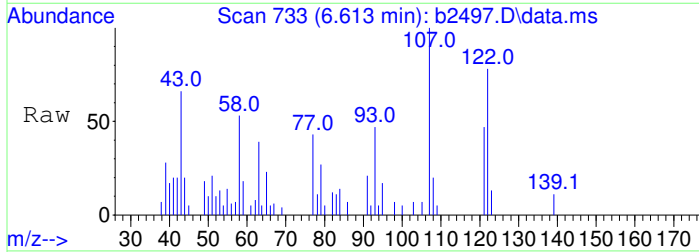
Tgt Ion	128	129	127
Resp	464124	11.3	13.0
Lower		8.6	10.8
Upper		13.0	16.2





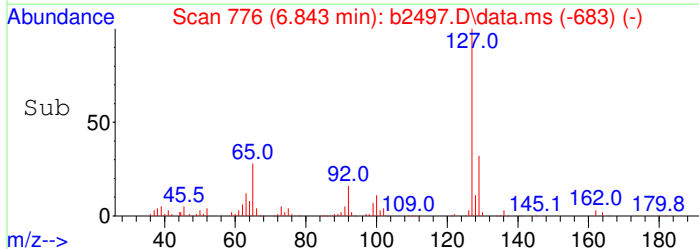
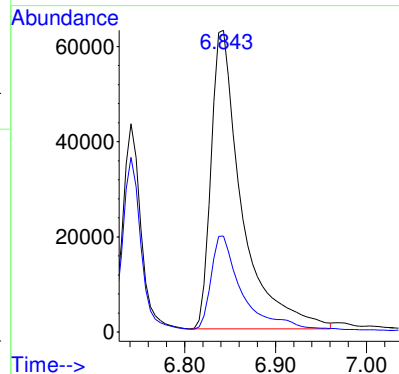
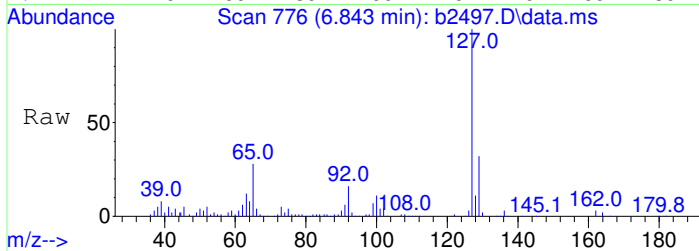
#31
Benzoic Acid
Concen: Below Cal
RT: 6.613 min Scan# 733
Delta R.T. -0.043 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

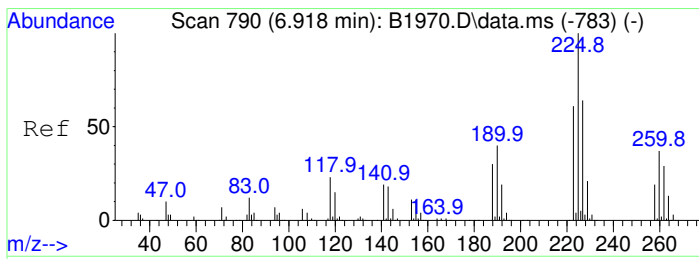
Tgt Ion	Ratio	Lower	Upper
105	100		
122	0.0	65.7	98.5#
77	0.0	59.5	89.3#



#32
4-Chloroaniline
Concen: 24.24 ug
RT: 6.843 min Scan# 776
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

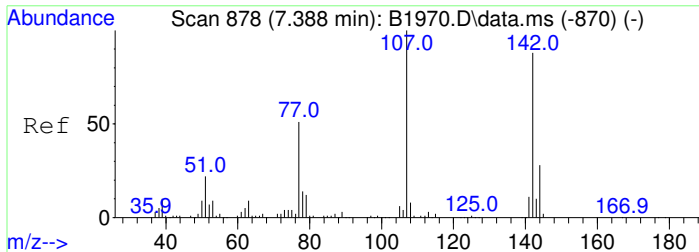
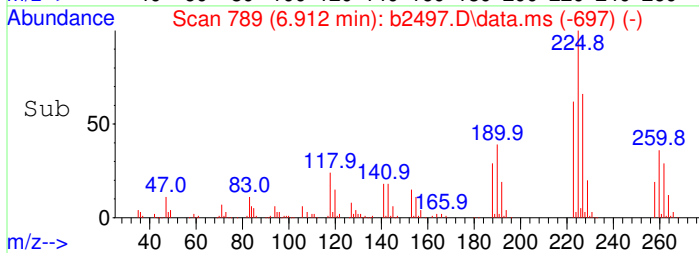
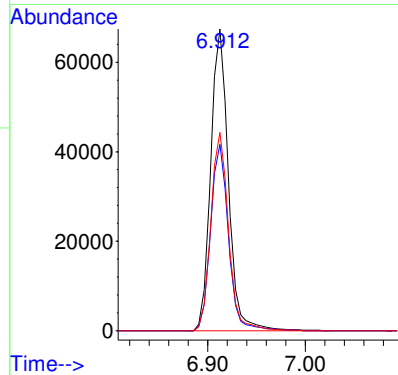
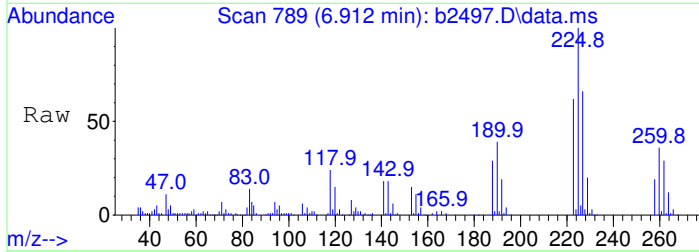
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8





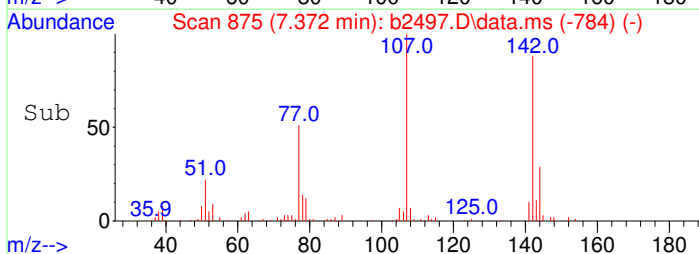
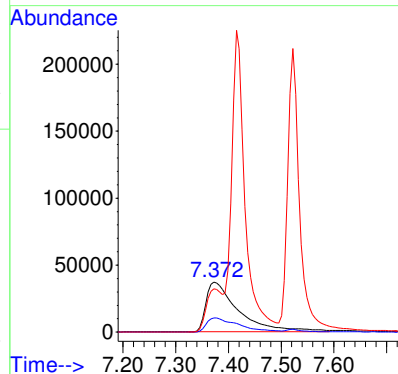
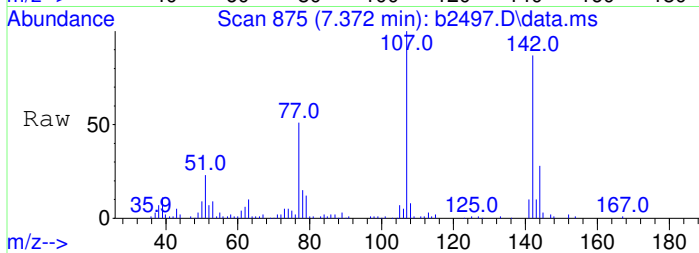
#33
Hexachlorobutadiene
Concen: 23.62 ug
RT: 6.912 min Scan# 789
Delta R.T. -0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

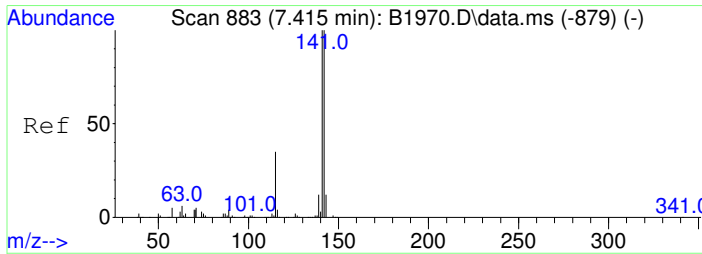
Tgt Ion:	225	Resp:	85029
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.3	75.5
227	65.7	51.0	76.4



#35
4-Chloro-3-methylphenol
Concen: 38.41 ug
RT: 7.372 min Scan# 875
Delta R.T. -0.011 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

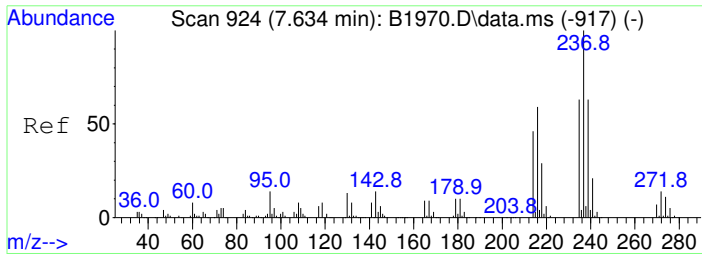
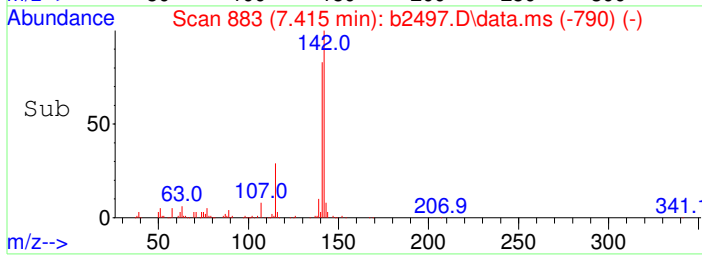
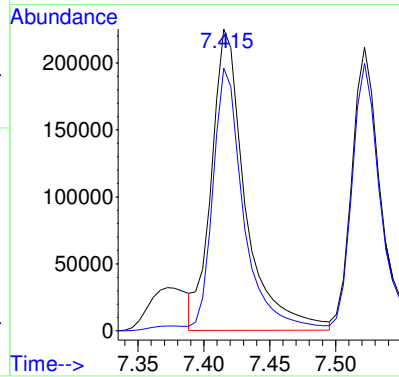
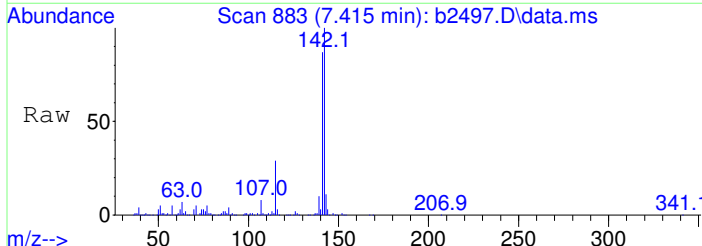
Tgt Ion:	107	Resp:	160130
Ion Ratio	Lower	Upper	
107	100		
144	28.1	25.2	37.8
142	41.0	553.0	829.6#





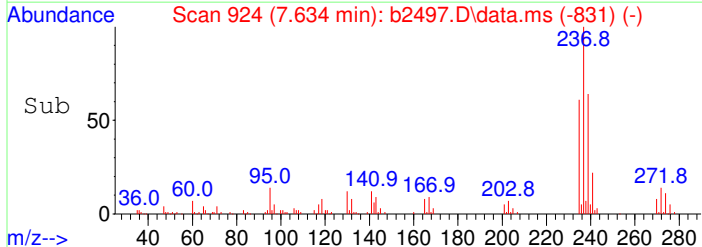
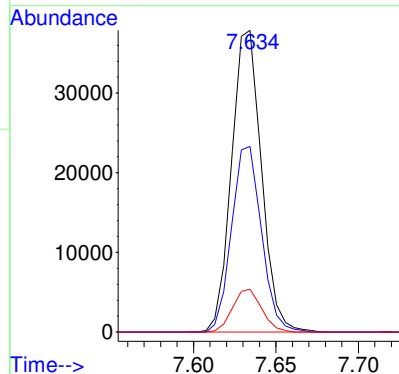
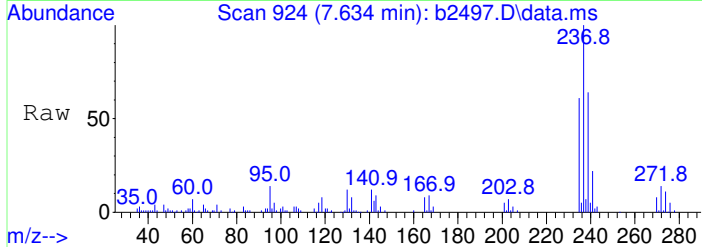
#36
 2-Methylnaphthalene
 Concen: 34.88 ug
 RT: 7.415 min Scan# 883
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

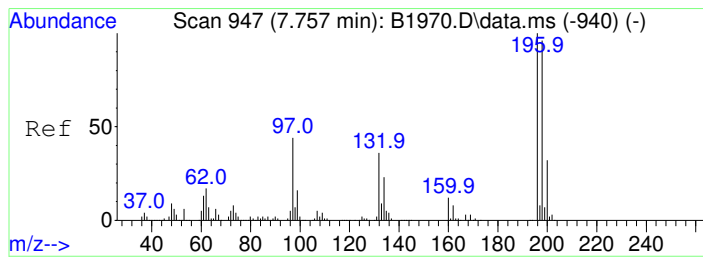
Tgt Ion:	142	Resp:	404525
Ion Ratio	Lower	Upper	
142	100		
141	79.1	65.0	97.4



#38
 Hexachlorocyclopentadiene
 Concen: 19.17 ug
 RT: 7.634 min Scan# 924
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

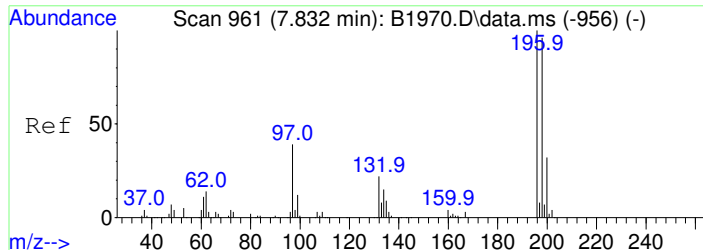
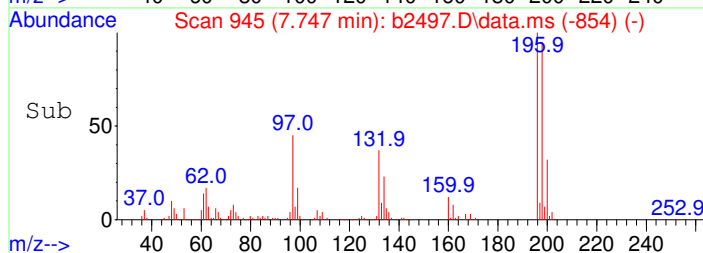
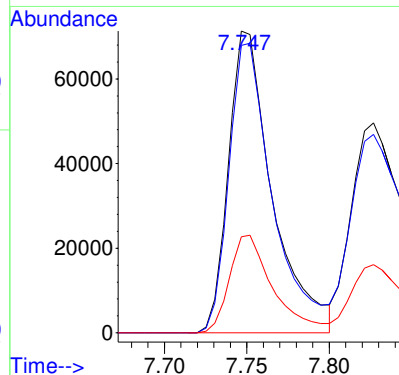
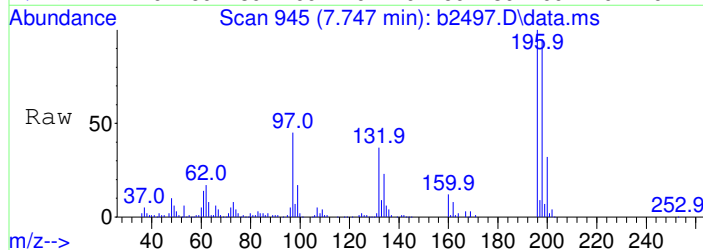
Tgt Ion:	237	Resp:	47875
Ion Ratio	Lower	Upper	
237	100		
235	61.4	50.7	76.1
272	13.8	10.9	16.3





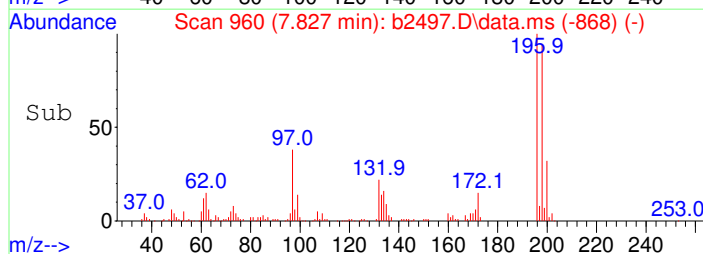
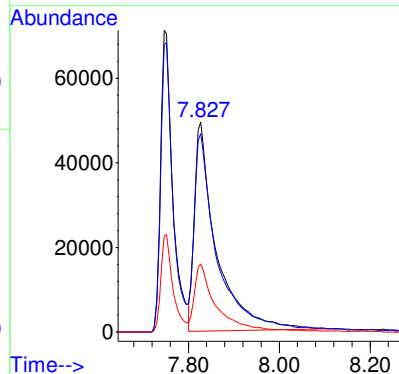
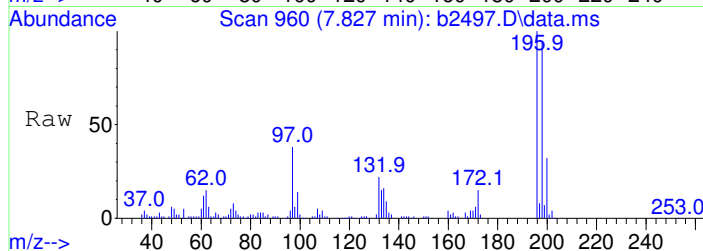
#39
 2,4,6-Trichlorophenol
 Concen: 35.74 ug
 RT: 7.747 min Scan# 945
 Delta R.T. -0.011 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

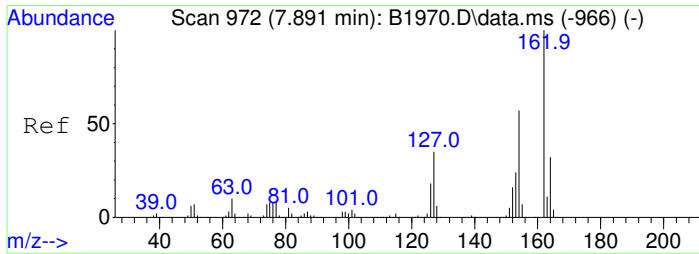
Tgt Ion	196	Resp	132114
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.6	113.4
200	31.7	25.0	37.6



#40
 2,4,5-Trichlorophenol
 Concen: 38.59 ug
 RT: 7.827 min Scan# 960
 Delta R.T. -0.005 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

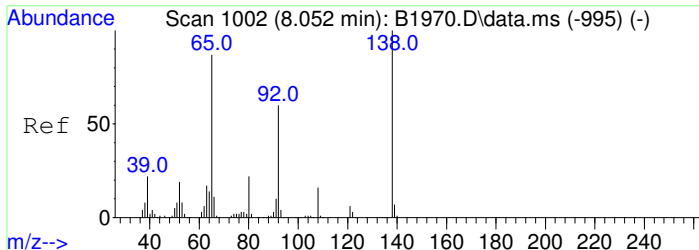
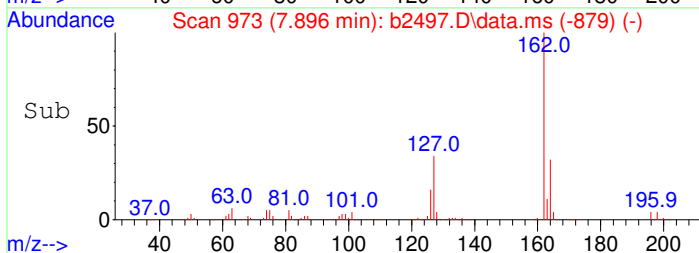
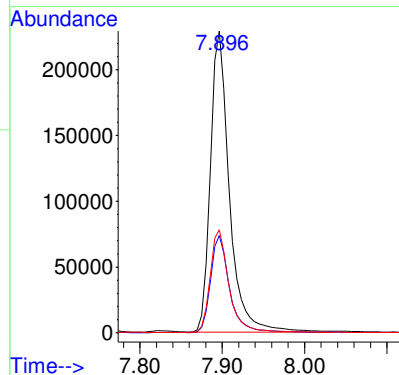
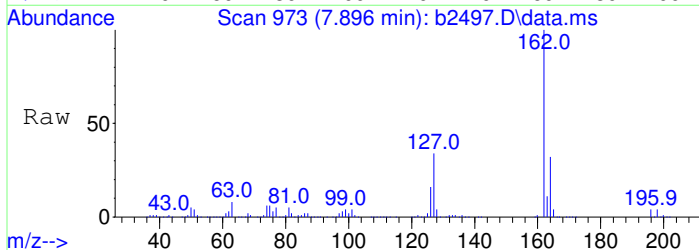
Tgt Ion	196	Resp	166220
Ion Ratio	Lower	Upper	
196	100		
198	94.5	75.8	113.8
200	29.8	25.0	37.4





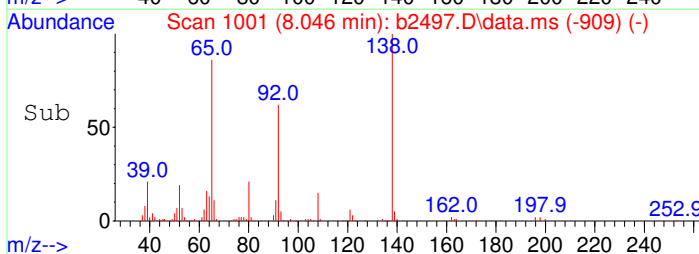
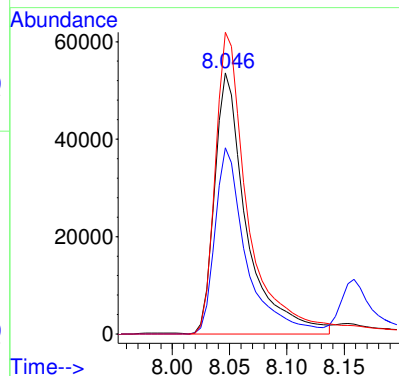
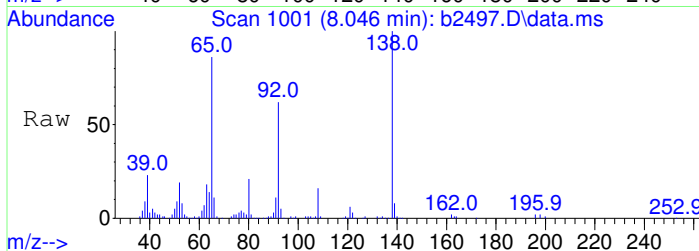
#43
 2-Chloronaphthalene
 Concen: 33.37 ug
 RT: 7.896 min Scan# 973
 Delta R.T. 0.005 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

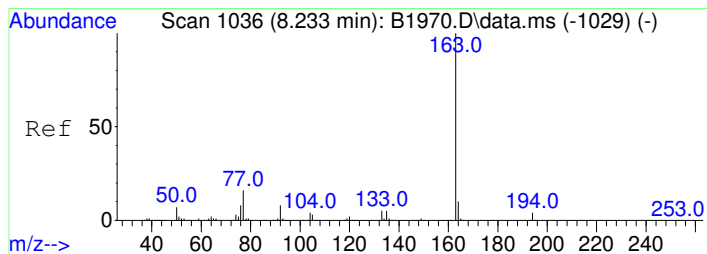
Tgt Ion	162	Resp	366105
Ion Ratio	Lower	Upper	
162	100		
164	32.4	26.9	40.3
127	34.3	29.1	43.7



#44
 2-Nitroaniline
 Concen: 35.61 ug
 RT: 8.046 min Scan# 1001
 Delta R.T. -0.005 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

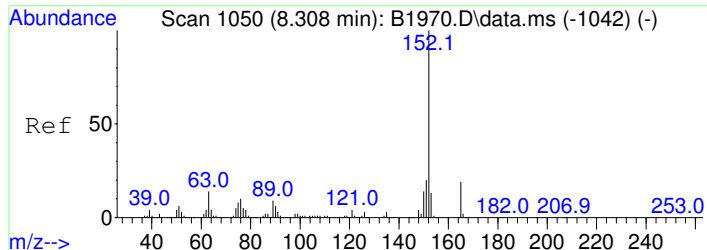
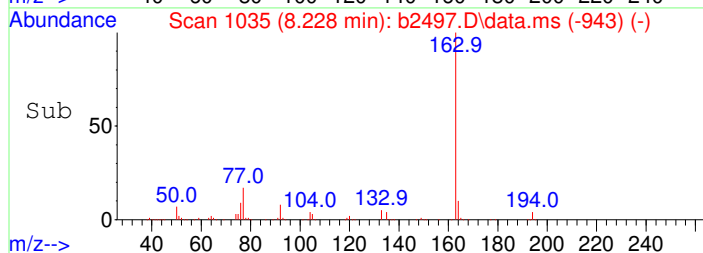
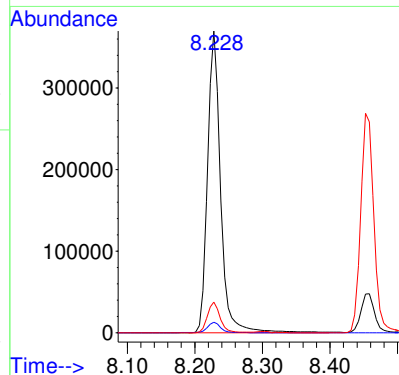
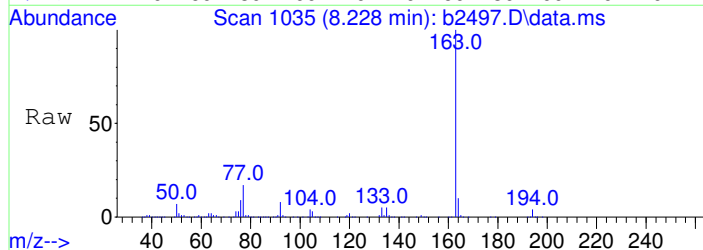
Tgt Ion	65	Resp	104435
Ion Ratio	Lower	Upper	
65	100		
92	69.8	59.8	89.8
138	121.3	122.2	183.4#





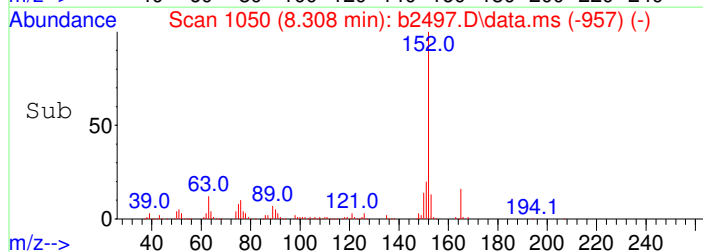
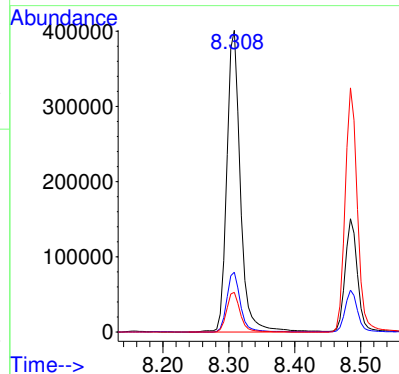
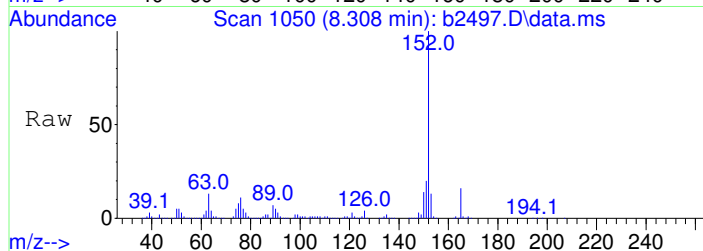
#45
 Dimethylphthalate
 Concen: 40.22 ug
 RT: 8.228 min Scan# 1035
 Delta R.T. -0.005 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

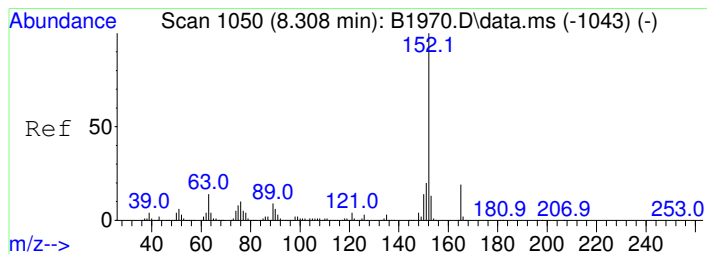
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	5.7	8.5#
164	9.8	8.2	12.2



#46
 Acenaphthylene
 Concen: 39.73 ug
 RT: 8.308 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

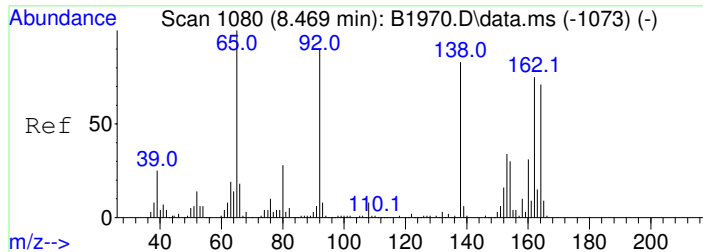
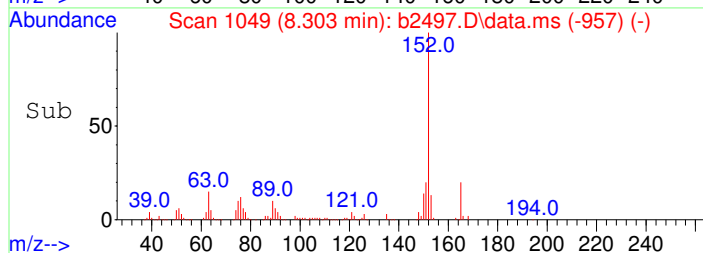
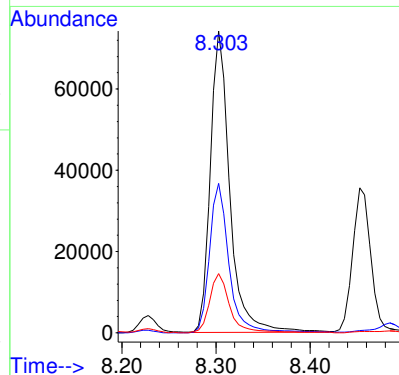
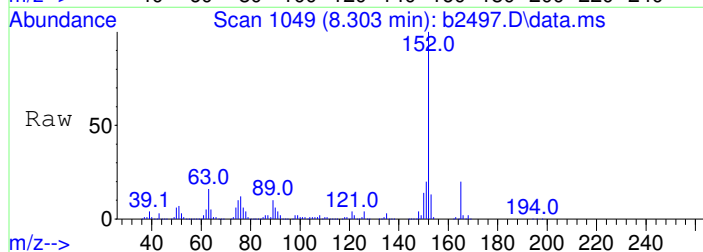
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.3	10.7	16.1





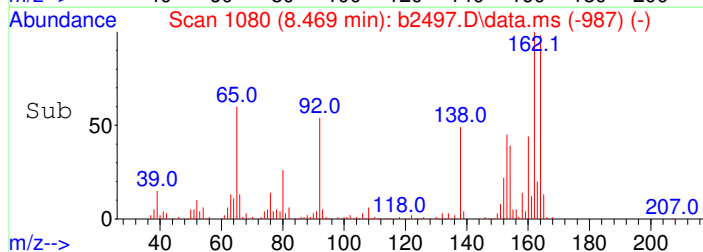
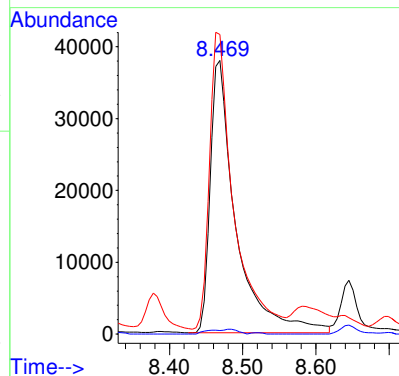
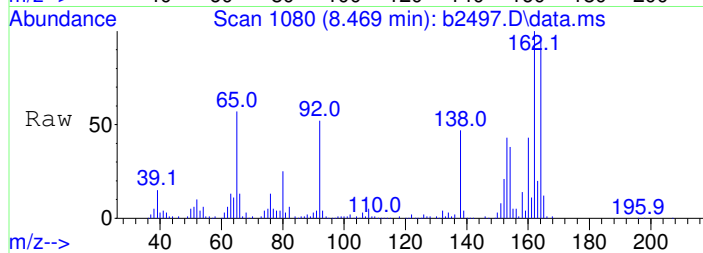
#47
2,6-Dinitrotoluene
Concen: 39.49 ug
RT: 8.303 min Scan# 1049
Delta R.T. -0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

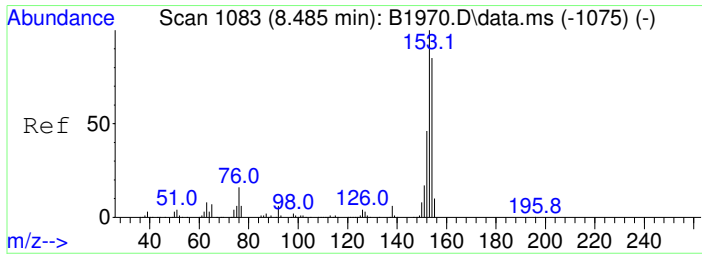
Tgt Ion	Ratio	Lower	Upper
165	100		
89	50.0	38.0	57.0
121	20.7	15.6	23.4



#48
3-Nitroaniline
Concen: 33.84 ug
RT: 8.469 min Scan# 1080
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

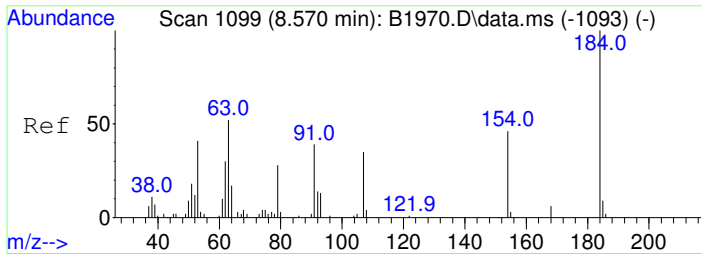
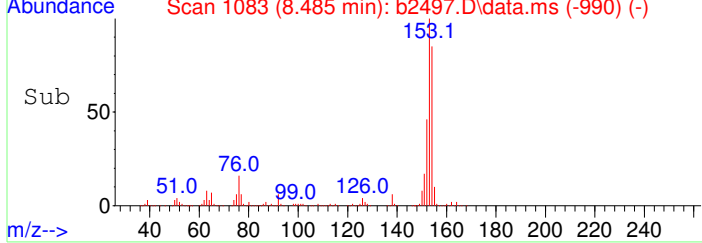
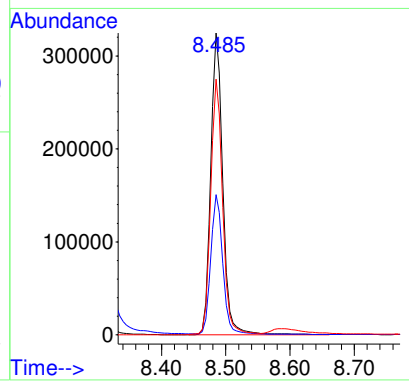
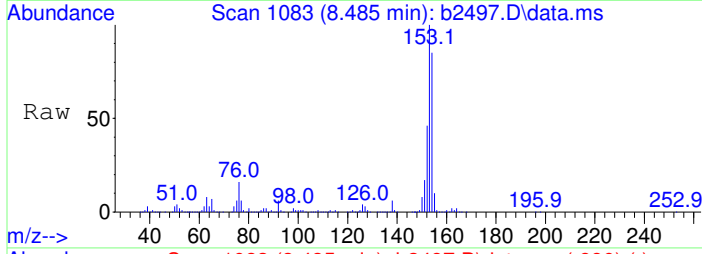
Tgt Ion	Ratio	Lower	Upper
138	100		
109	1.0	1.2	1.8#
92	100.8	44.2	66.2#





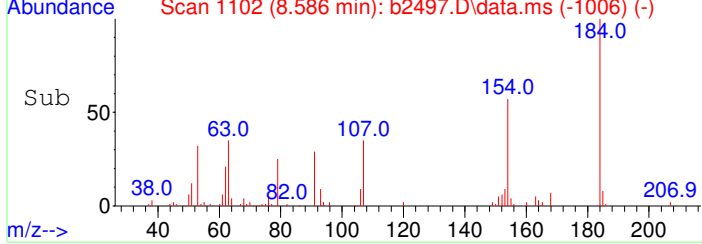
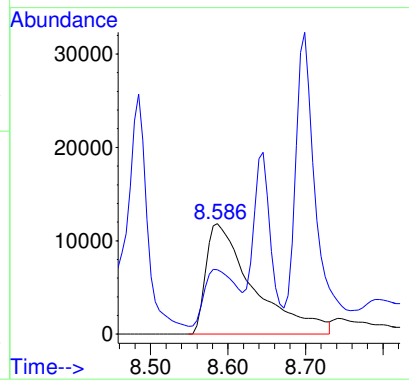
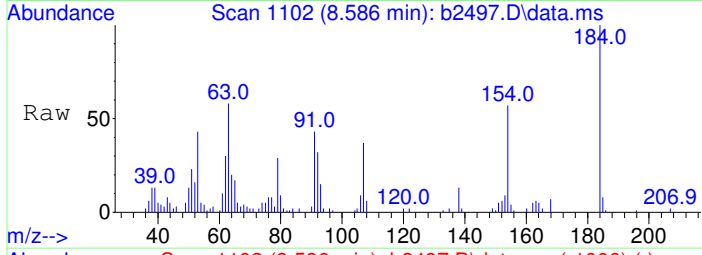
#49
Acenaphthene
Concen: 40.01 ug
RT: 8.485 min Scan# 1083
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

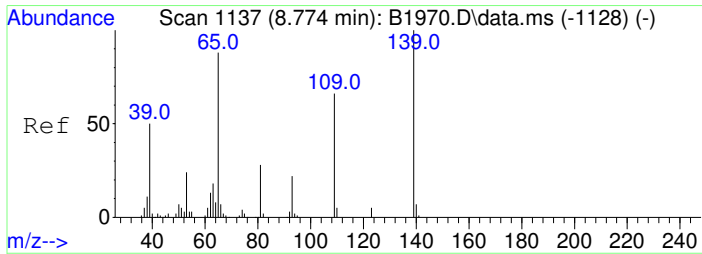
Tgt Ion:153	Resp:	423314
Ion Ratio	Lower	Upper
153	100	
152	46.2	37.8 56.8
154	84.5	74.1 111.1



#50
2,4-Dinitrophenol
Concen: 49.91 ug
RT: 8.586 min Scan# 1102
Delta R.T. 0.016 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

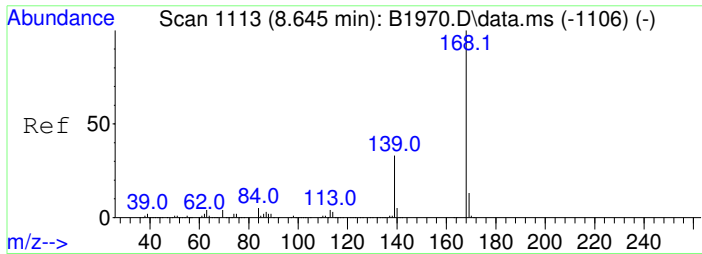
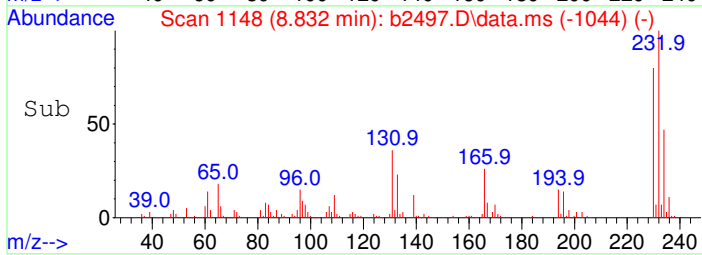
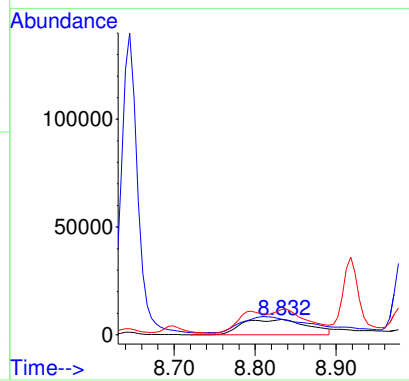
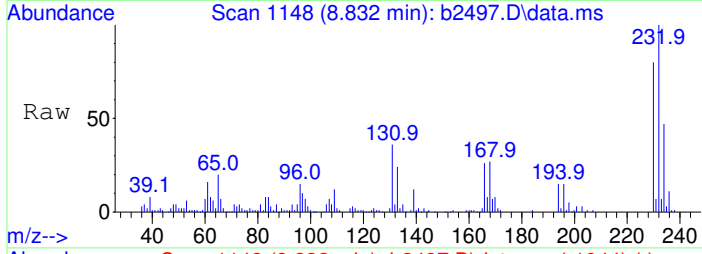
Tgt Ion:184	Resp:	50430
Ion Ratio	Lower	Upper
184	100	
63	33.9	46.2 69.4#





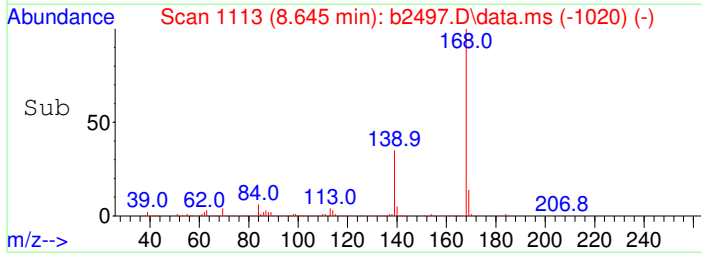
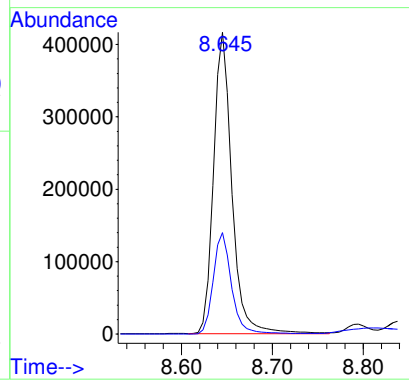
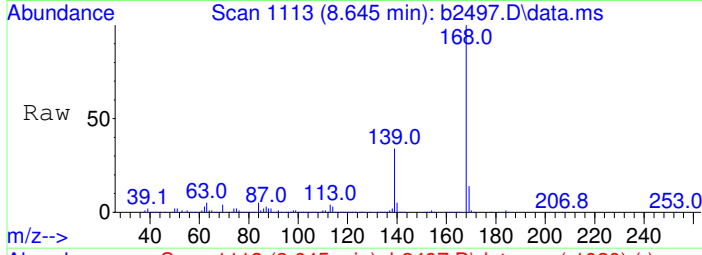
#51
4-Nitrophenol
Concen: 31.87 ug m
RT: 8.832 min Scan# 1148
Delta R.T. 0.059 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

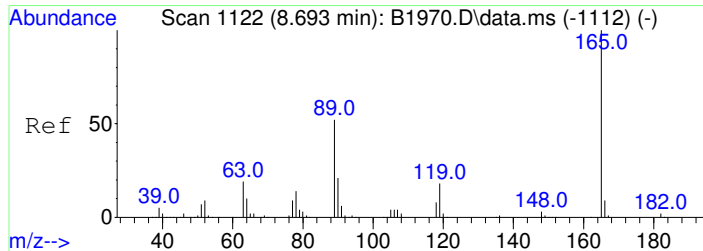
Tgt Ion:109	Resp:	40061	
Ion Ratio	Lower	Upper	
109	100		
139	134.8	122.6	183.8
65	63.0	122.6	184.0#



#52
Dibenzofuran
Concen: 36.88 ug
RT: 8.645 min Scan# 1113
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

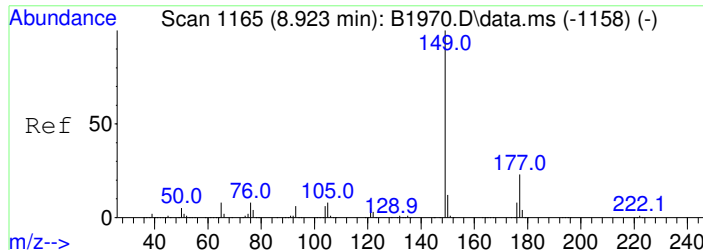
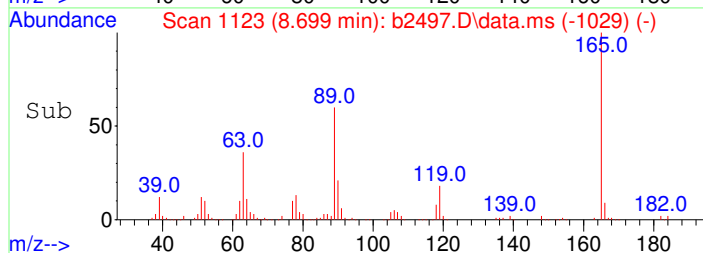
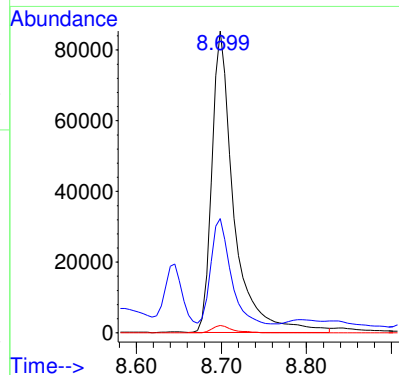
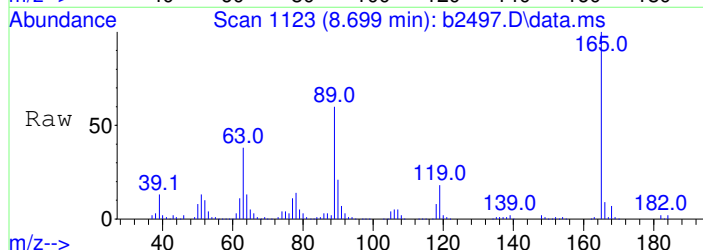
Tgt Ion:168	Resp:	584977	
Ion Ratio	Lower	Upper	
168	100		
139	33.6	30.5	45.7





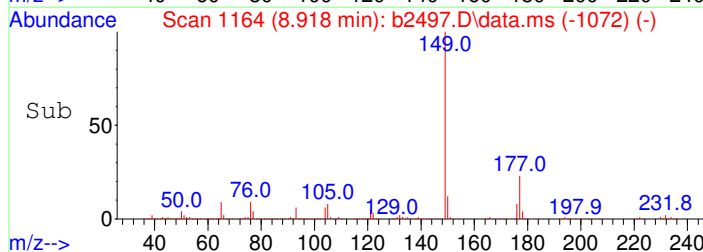
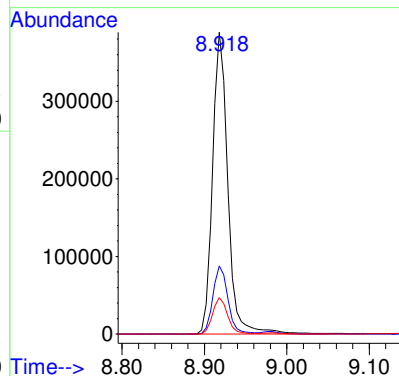
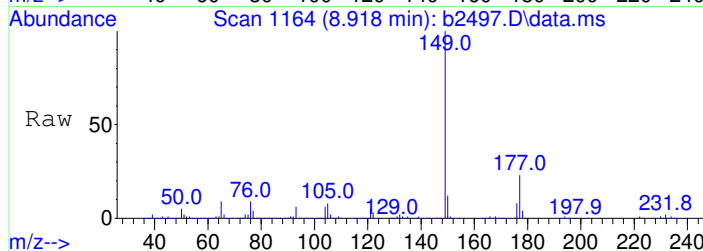
#53
2,4-Dinitrotoluene
Concen: 40.11 ug
RT: 8.699 min Scan# 1123
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

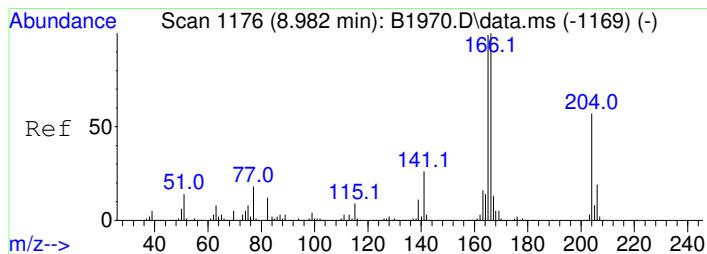
Tgt	Ion:165	Resp:	153738
Ion	Ratio	Lower	Upper
165	100		
63	31.0	29.4	44.0
182	0.0	4.5	6.7#



#54
Diethylphthalate
Concen: 40.55 ug
RT: 8.918 min Scan# 1164
Delta R.T. -0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

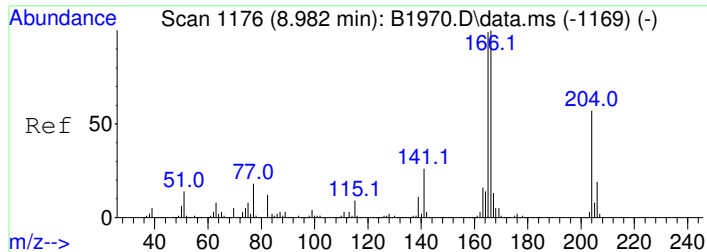
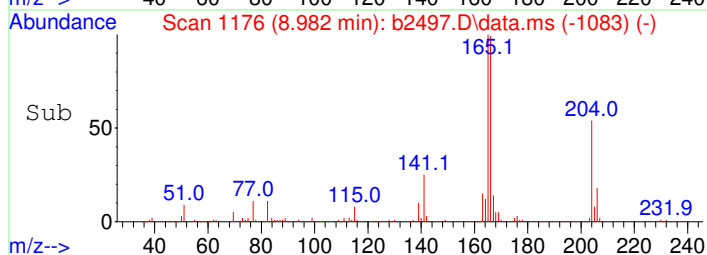
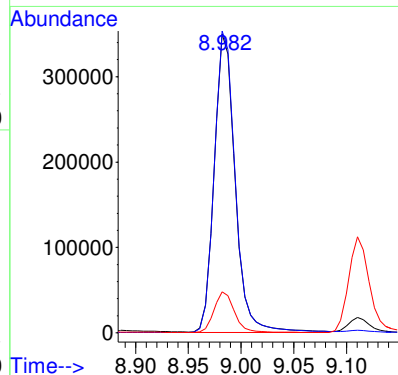
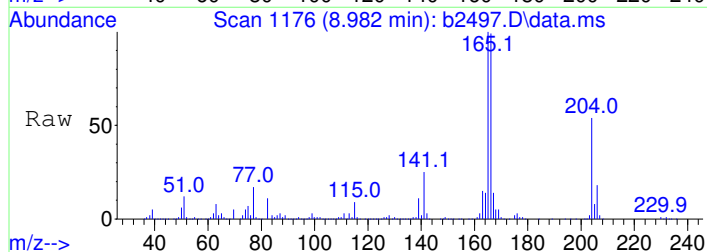
Tgt	Ion:149	Resp:	502442
Ion	Ratio	Lower	Upper
149	100		
177	22.1	19.8	29.8
150	11.8	10.0	15.0





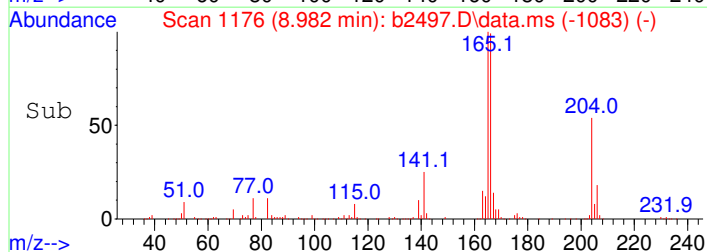
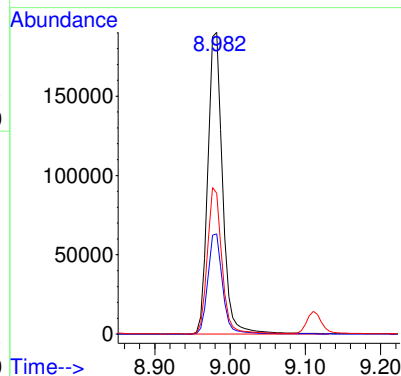
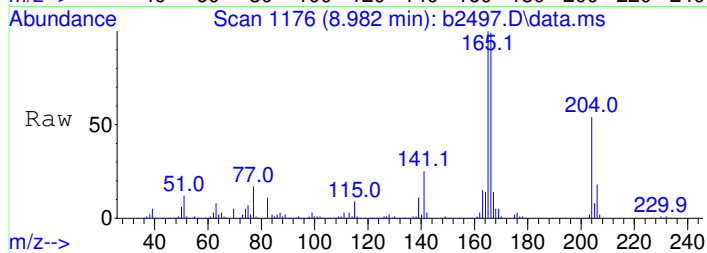
#55
Fluorene
Concen: 39.09 ug
RT: 8.982 min Scan# 1176
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

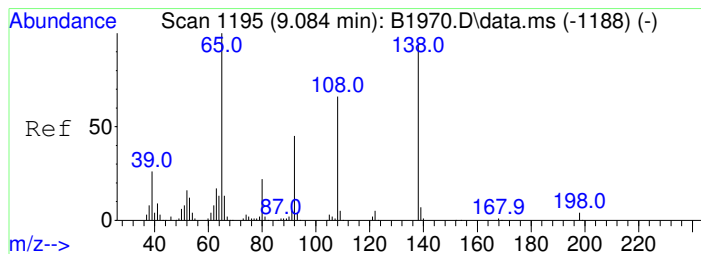
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	75.2	112.8
167	13.4	11.4	17.0



#56
4-Chlorophenyl-phenyle
Concen: 38.92 ug
RT: 8.982 min Scan# 1176
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

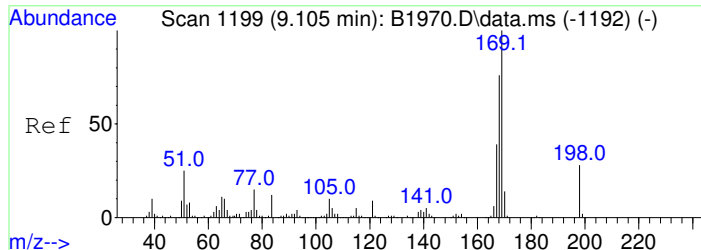
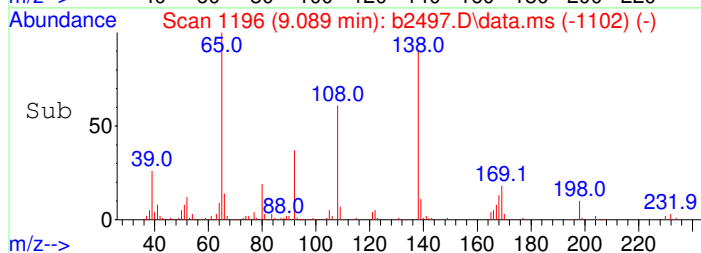
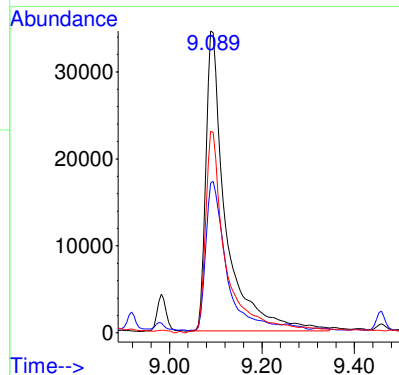
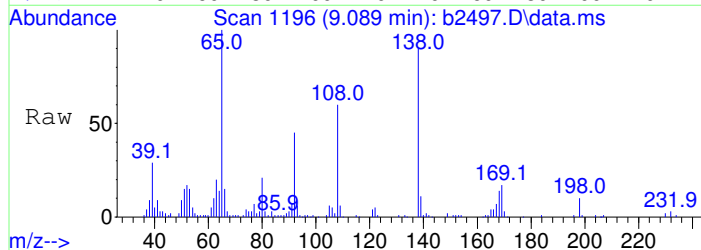
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.0	40.4
141	47.9	40.8	61.2





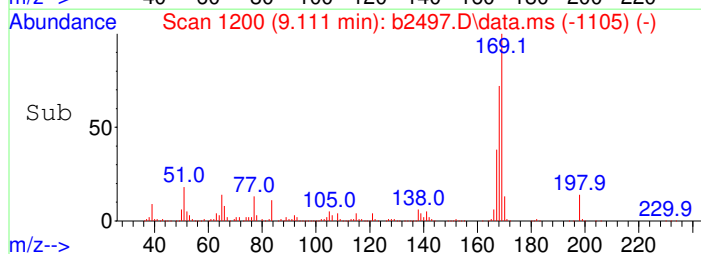
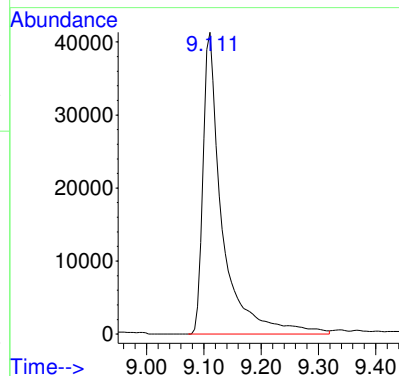
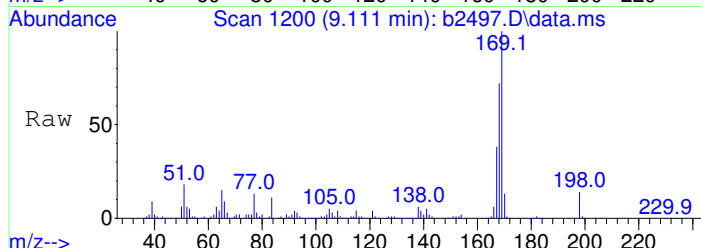
#57
4-Nitroaniline
Concen: 38.26 ug
RT: 9.089 min Scan# 1196
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

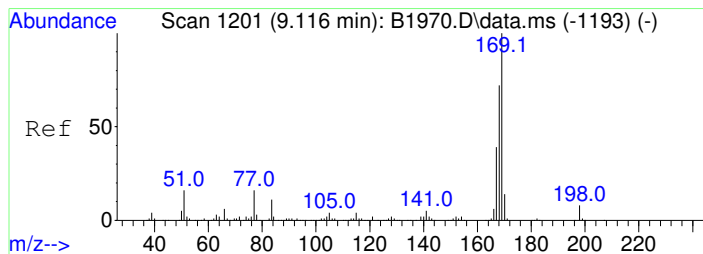
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	32.2	48.2
108	67.4	60.6	90.8



#59
4,6-Dinitro-2-methylph
Concen: 42.35 ug
RT: 9.111 min Scan# 1200
Delta R.T. 0.011 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

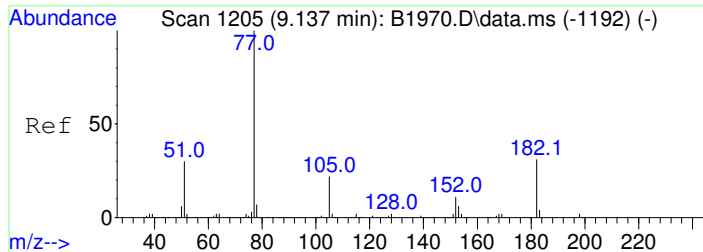
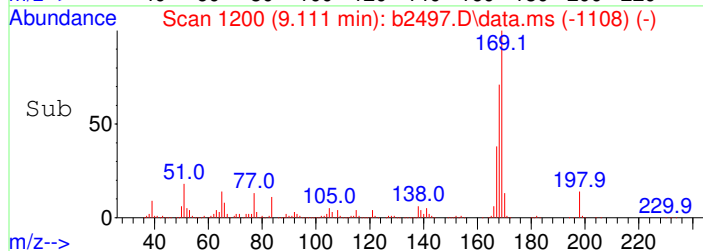
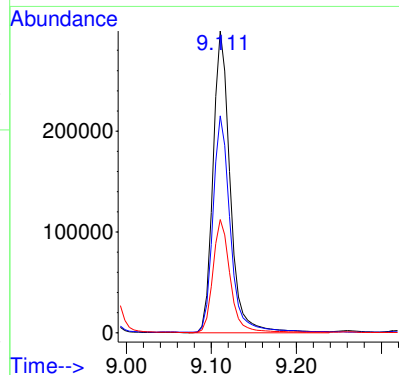
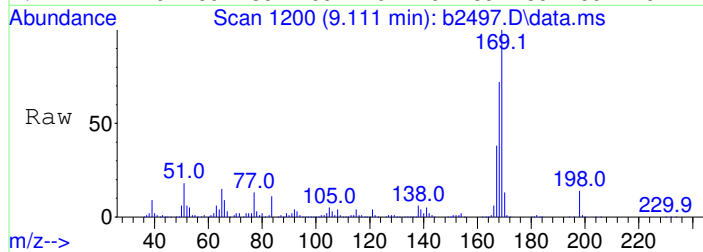
Tgt Ion:198 Resp: 96379





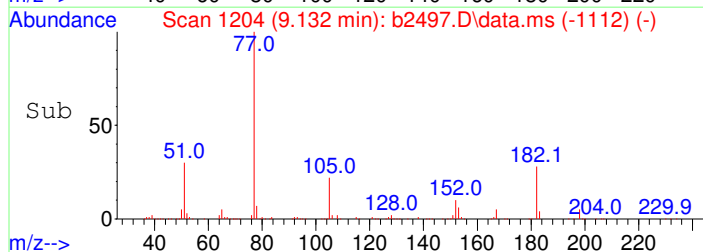
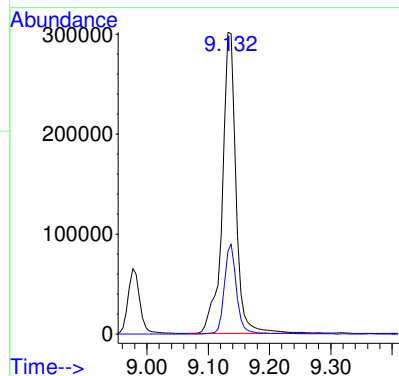
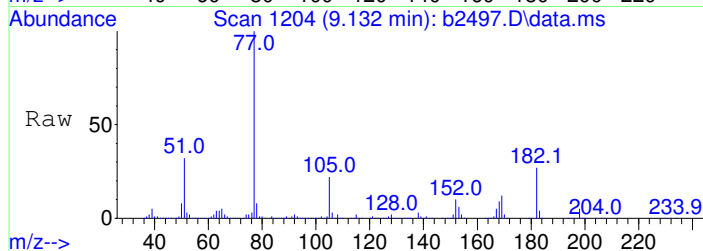
#60
n-Nitrosodiphenylamine
Concen: 46.31 ug
RT: 9.111 min Scan# 1200
Delta R.T. -0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

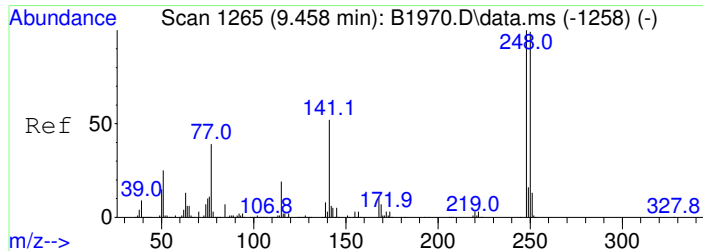
Tgt	Ion	169	Resp:	420781
Ion	Ratio	Lower	Upper	
169	100			
168	72.5	51.0	76.6	
167	37.4	27.7	41.5	



#62
Azobenzene
Concen: 38.98 ug
RT: 9.132 min Scan# 1204
Delta R.T. -0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

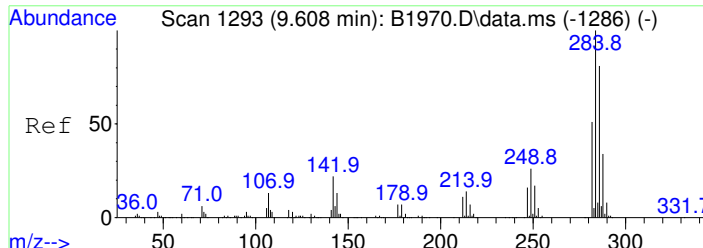
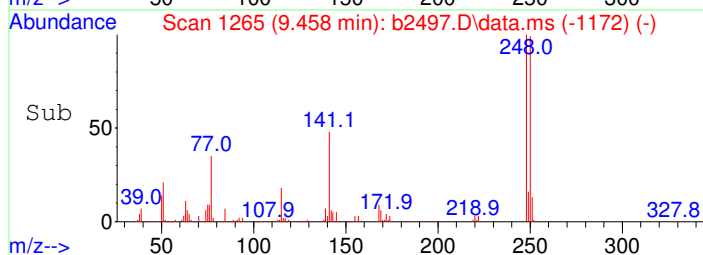
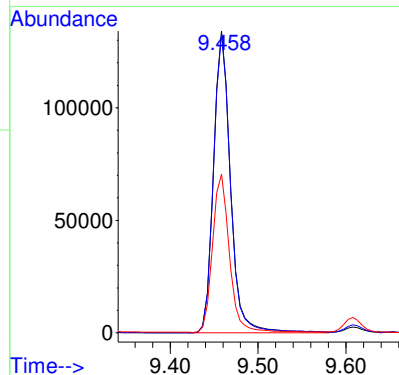
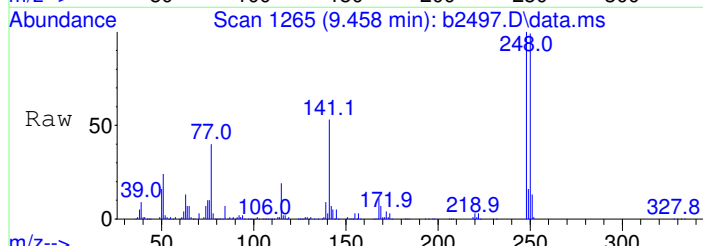
Tgt	Ion	77	Resp:	472856
Ion	Ratio	Lower	Upper	
77	100			
182	26.4	30.2	45.4	#





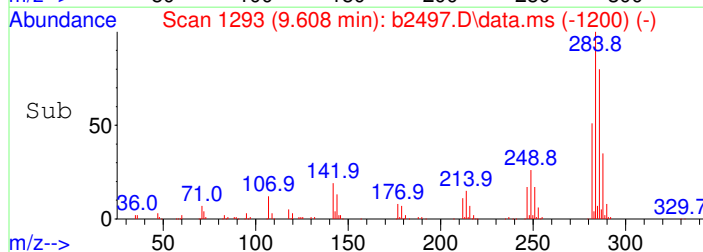
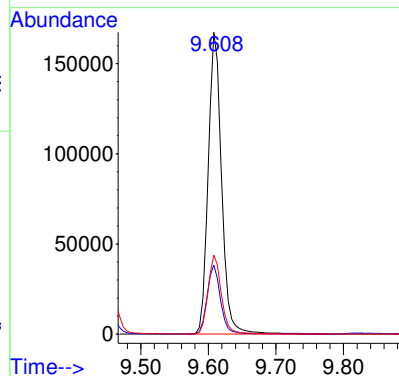
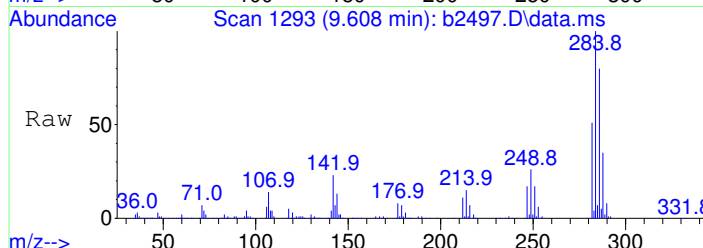
#63
 4-Bromophenyl-phenylether
 Concen: 38.52 ug
 RT: 9.458 min Scan# 1265
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

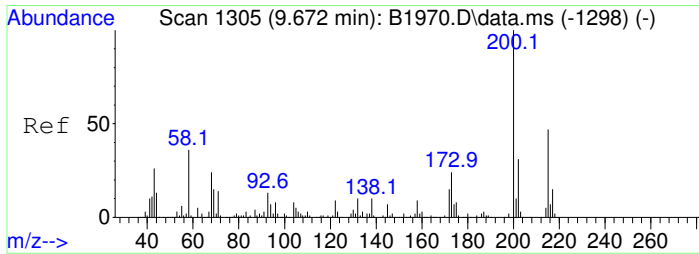
Tgt Ion	248	250	141
Ion Ratio	100	99.2	52.3
Resp	180549	76.7	46.2
Lower		115.1	69.2
Upper			



#64
 Hexachlorobenzene
 Concen: 38.56 ug
 RT: 9.608 min Scan# 1293
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

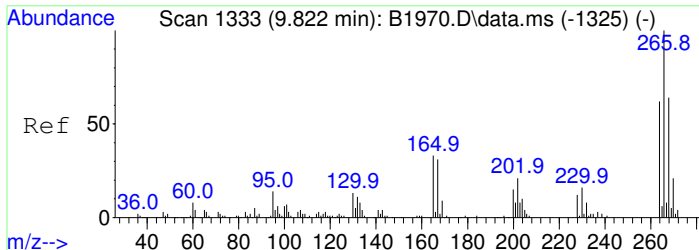
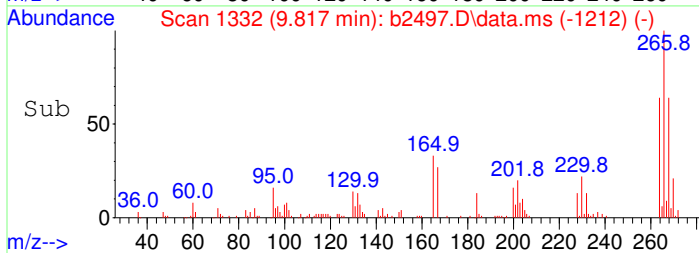
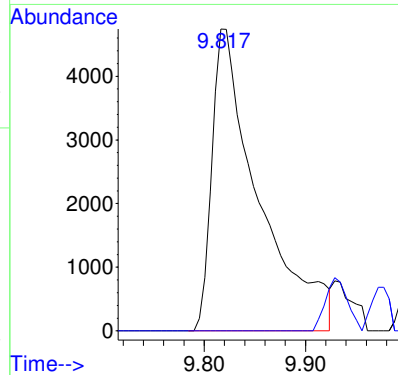
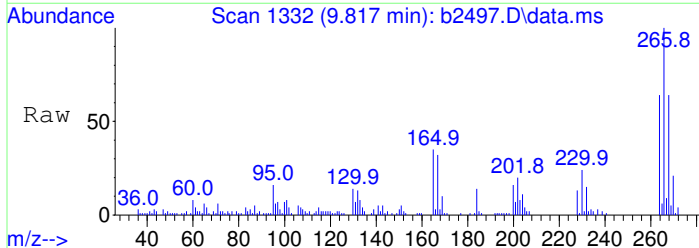
Tgt Ion	284	286	288
Ion Ratio	100	22.9	26.1
Resp	231784	24.7	23.0
Lower		37.1	34.4
Upper			





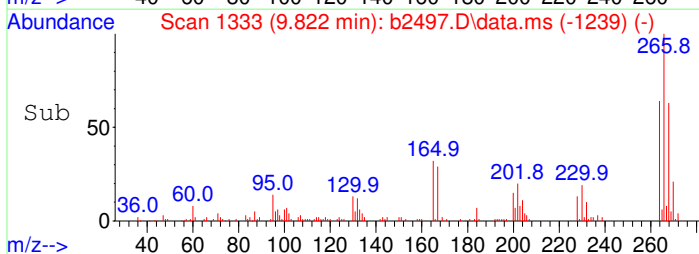
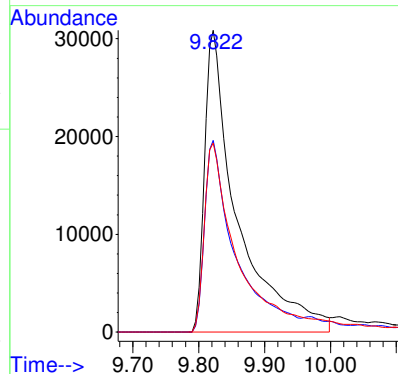
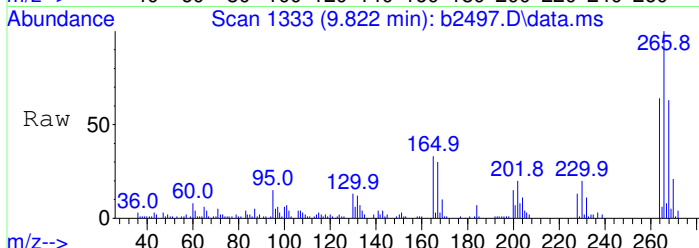
#65
Atrazine
Concen: 3.49 ug
RT: 9.817 min Scan# 1332
Delta R.T. 0.144 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

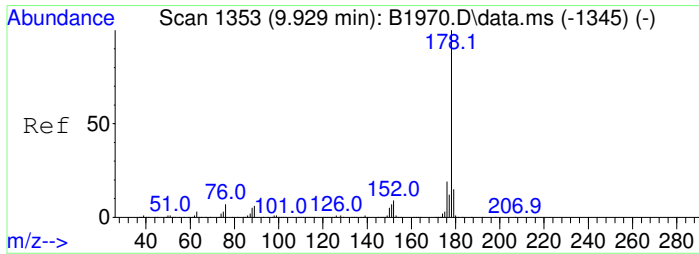
Tgt Ion	200	173	Resp	15158	Lower	Upper
Ion Ratio	100	0.0				
					19.8	29.8#



#66
Pentachlorophenol
Concen: 44.47 ug
RT: 9.822 min Scan# 1333
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

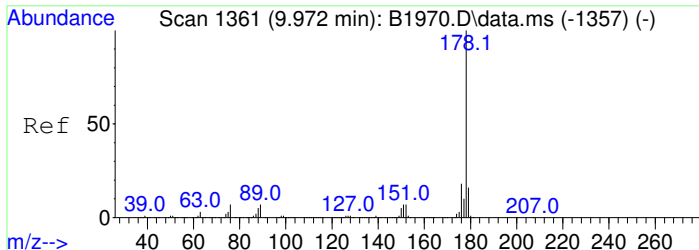
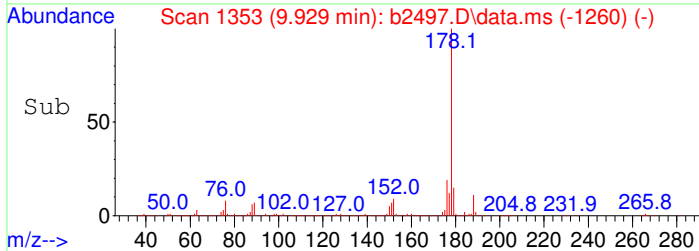
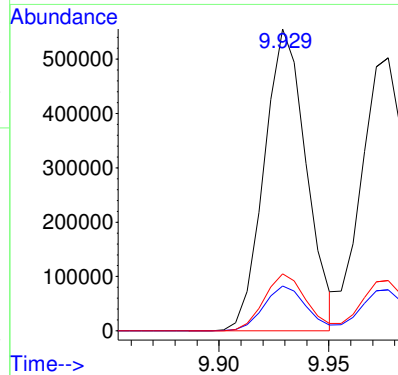
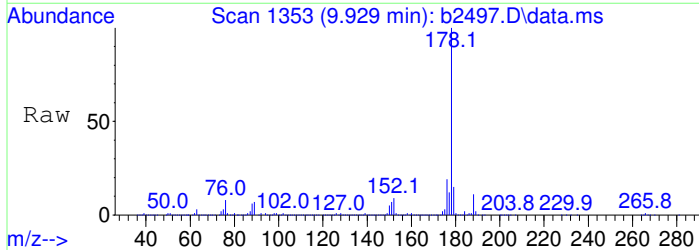
Tgt Ion	266	264	268	Resp	106650	Lower	Upper
Ion Ratio	100	60.3	65.4				
						49.3	73.9
						50.1	75.1





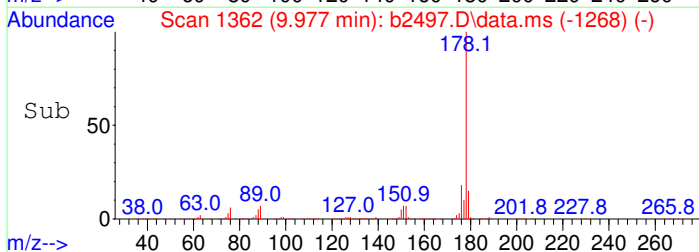
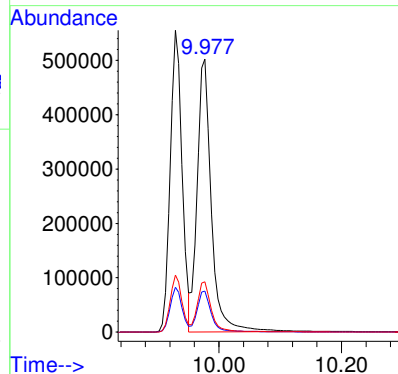
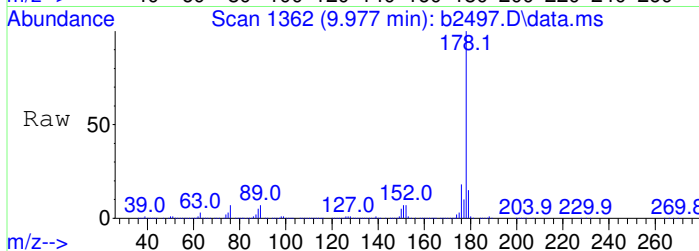
#67
Phenanthrene
Concen: 39.61 ug
RT: 9.929 min Scan# 1353
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

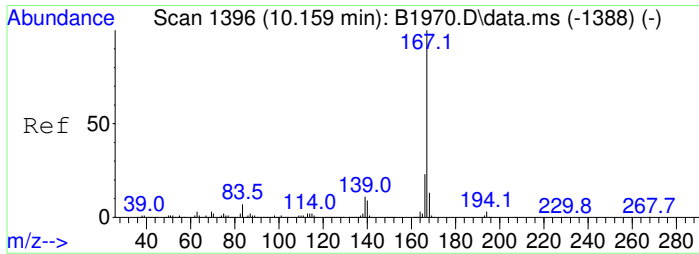
Tgt	Ion	178	Resp:	741839
Ion	Ratio	Lower	Upper	
178	100			
179	15.0	12.2	18.2	
176	18.7	15.2	22.8	



#68
Anthracene
Concen: 44.04 ug
RT: 9.977 min Scan# 1362
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

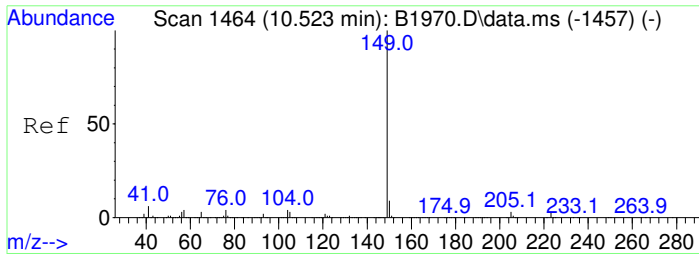
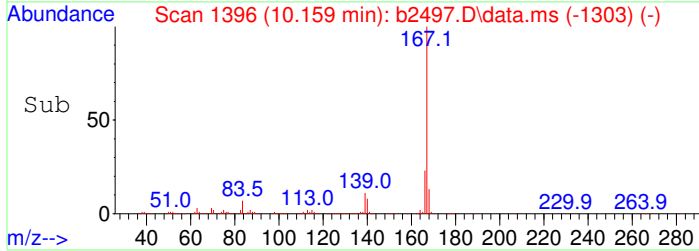
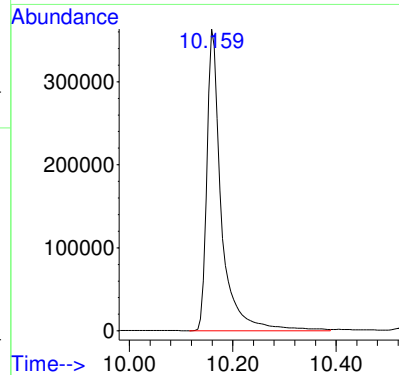
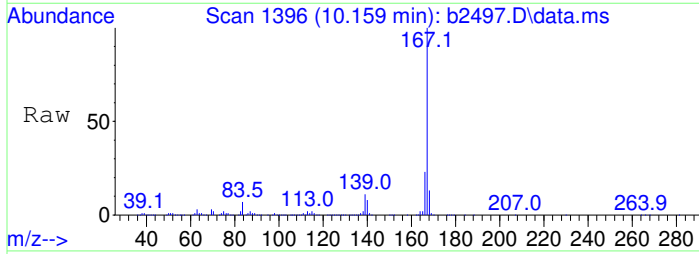
Tgt	Ion	178	Resp:	806036
Ion	Ratio	Lower	Upper	
178	100			
179	14.9	12.4	18.6	
176	18.6	14.8	22.2	





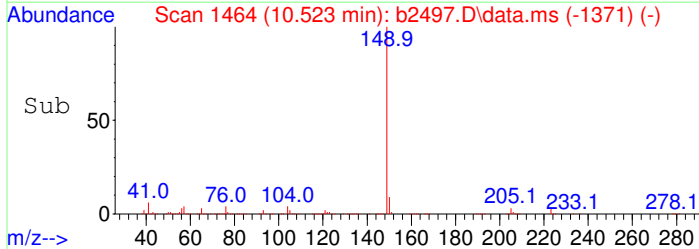
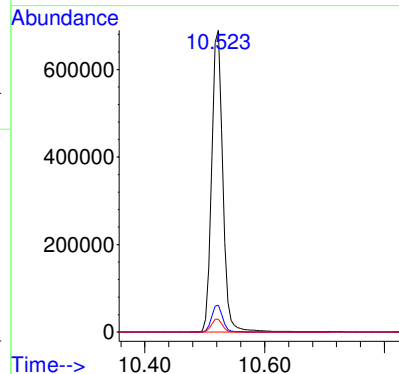
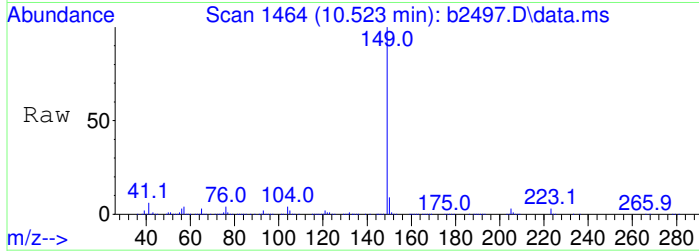
#70
Carbazole
Concen: 40.69 ug
RT: 10.159 min Scan# 1396
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

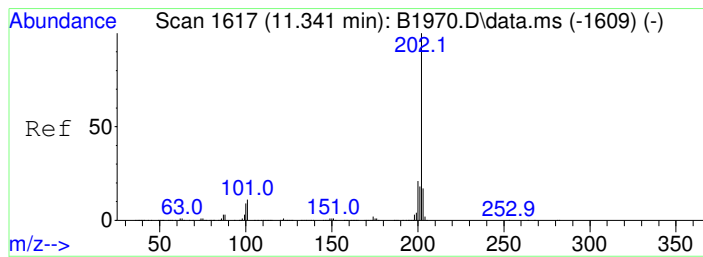
Tgt Ion:167 Resp: 713337



#71
Di-n-butylphthalate
Concen: 42.53 ug
RT: 10.523 min Scan# 1464
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

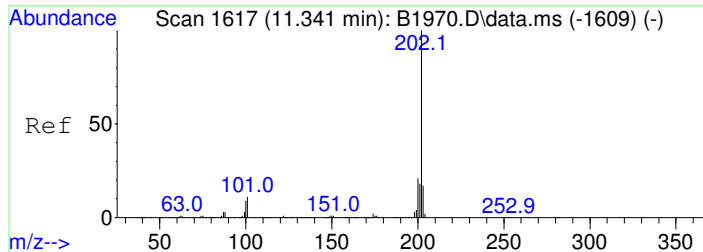
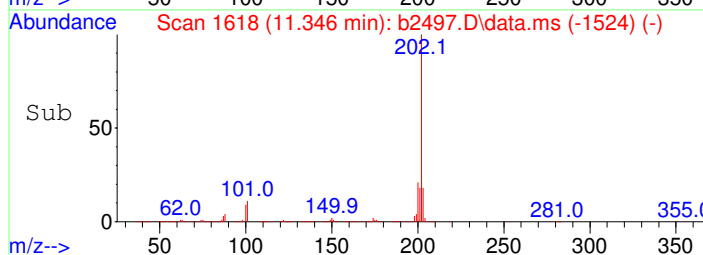
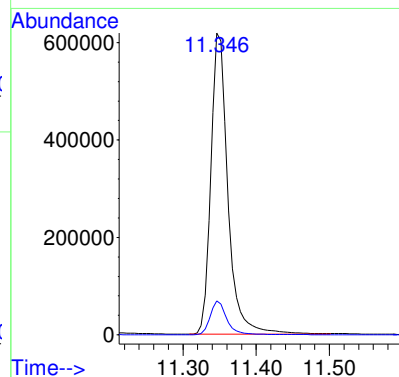
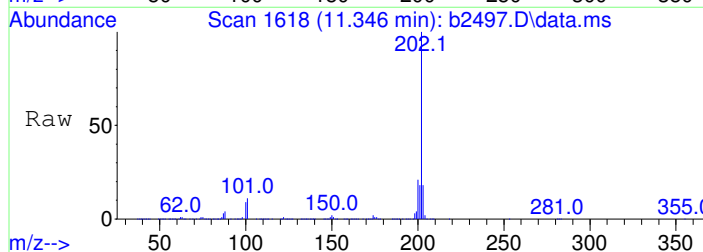
Tgt Ion:149 Resp: 894430
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.3 4.1 6.1





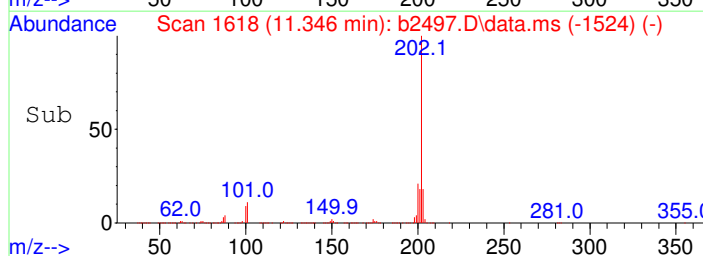
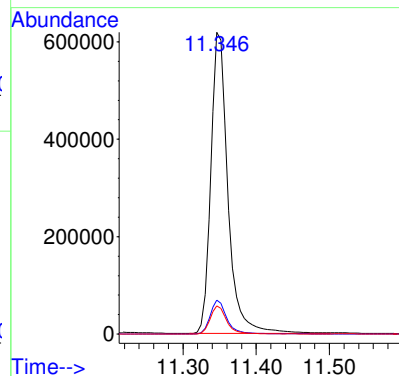
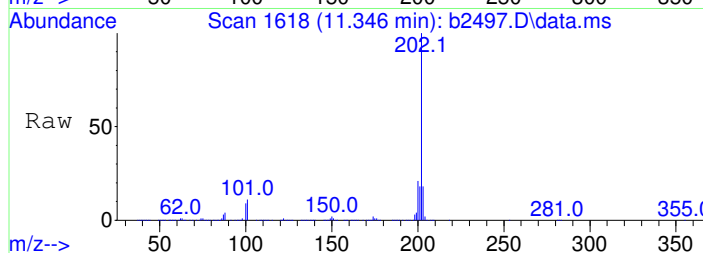
#72
Fluoranthene
Concen: 42.71 ug
RT: 11.346 min Scan# 1618
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

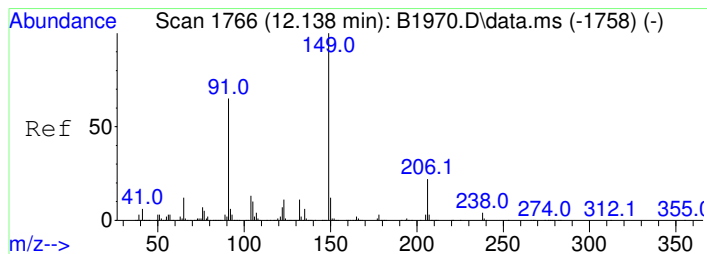
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.3	13.9



#74
Pyrene
Concen: 40.34 ug
RT: 11.346 min Scan# 1618
Delta R.T. 0.005 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

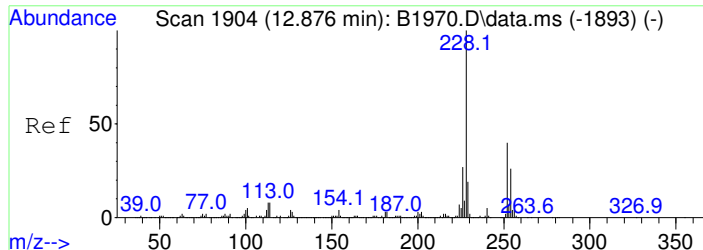
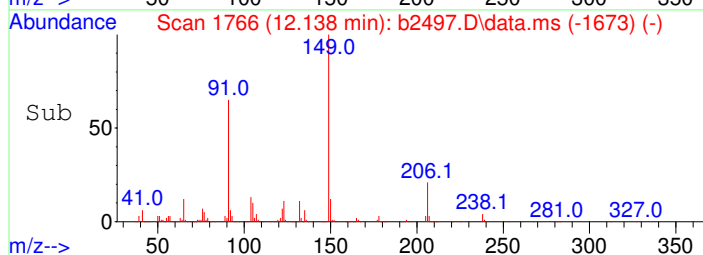
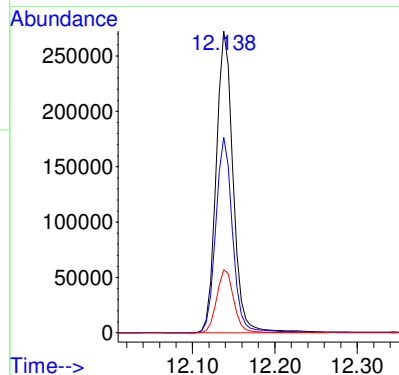
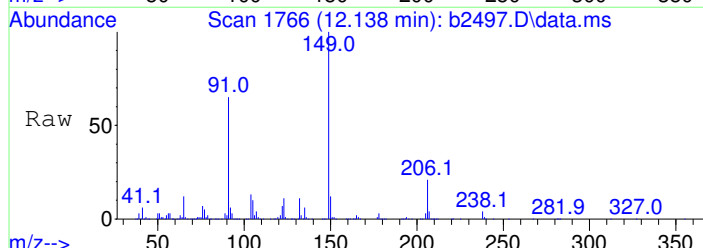
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	11.0	16.6#
100	9.2	8.9	13.3





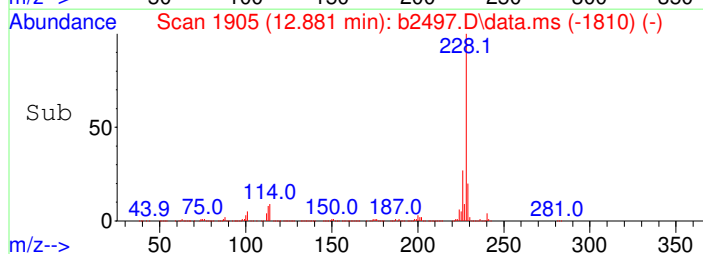
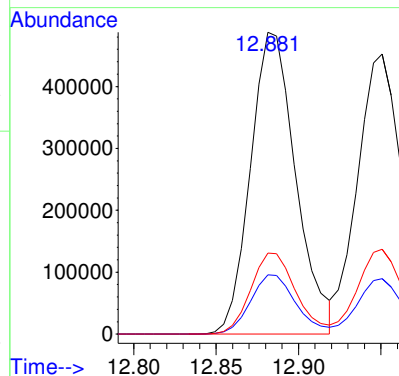
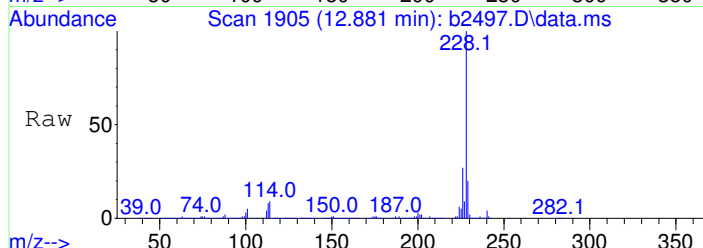
#76
Butylbenzylphthalate
Concen: 41.37 ug
RT: 12.138 min Scan# 1766
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

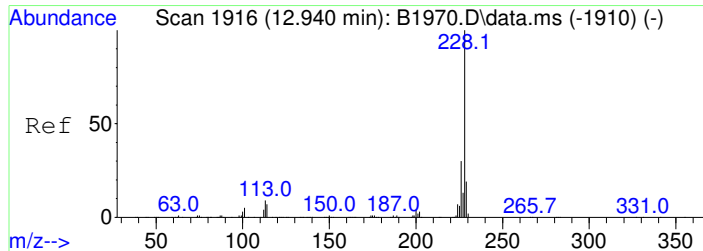
Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.2	48.0	72.0
206	21.1	21.6	32.4



#77
Benzo[a]anthracene
Concen: 37.09 ug
RT: 12.881 min Scan# 1905
Delta R.T. 0.011 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

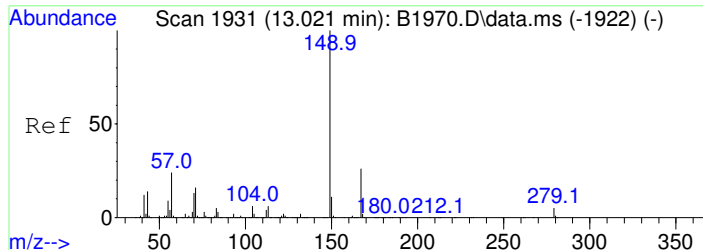
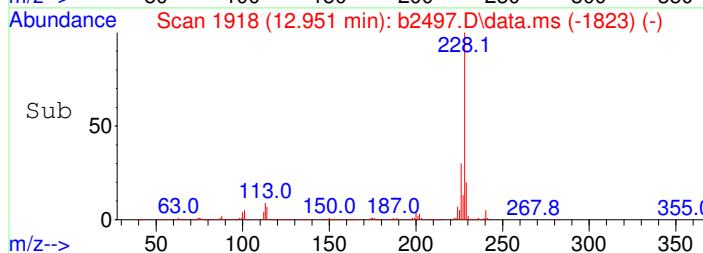
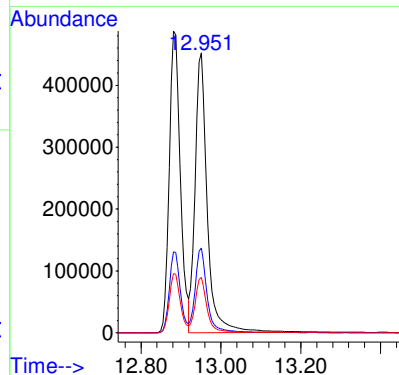
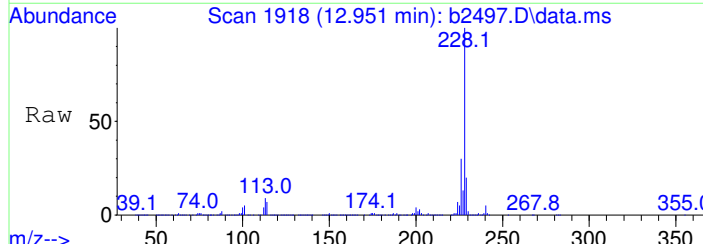
Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.5	23.3
226	26.7	21.5	32.3





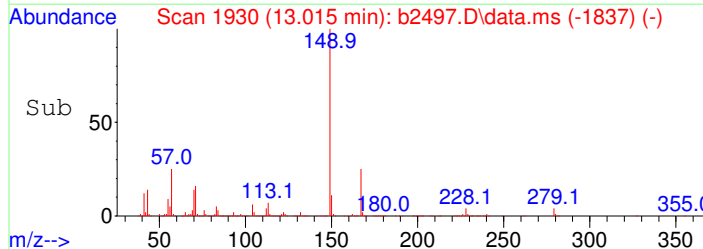
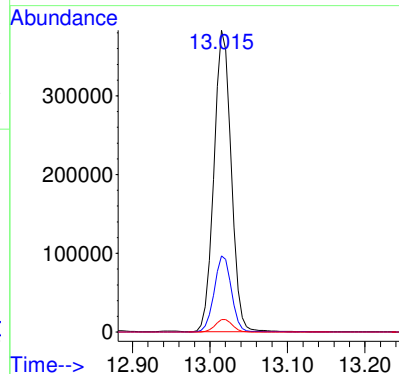
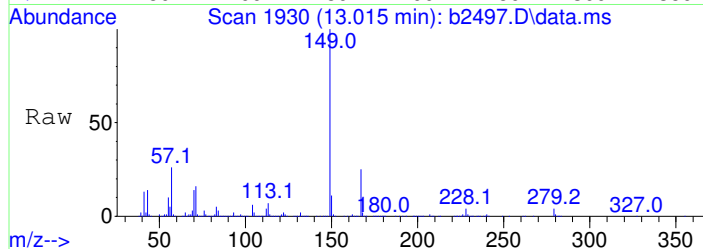
#79
Chrysene
Concen: 39.50 ug
RT: 12.951 min Scan# 1918
Delta R.T. 0.011 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

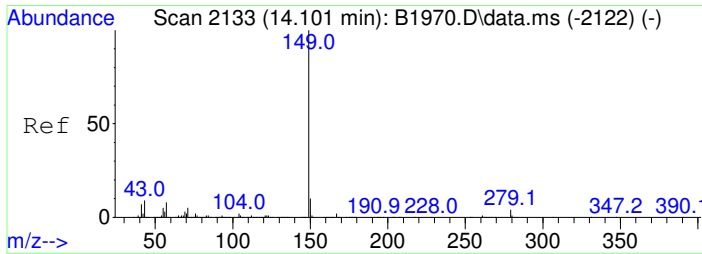
Tgt	Ion:228	Resp:	958080
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	18.9	15.5	23.3



#80
bis(2-Ethylhexyl)phtha
Concen: 41.77 ug
RT: 13.015 min Scan# 1930
Delta R.T. -0.000 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

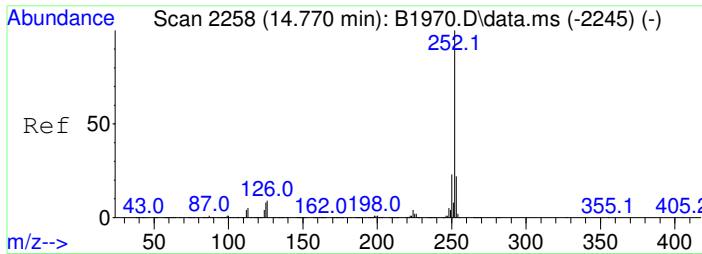
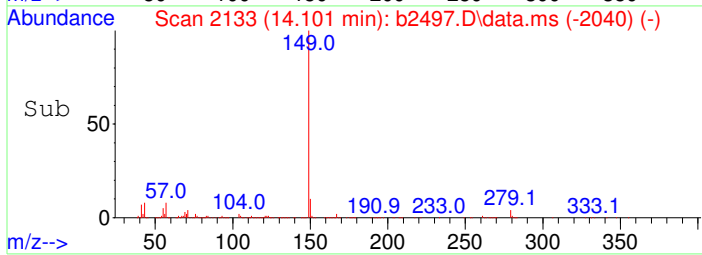
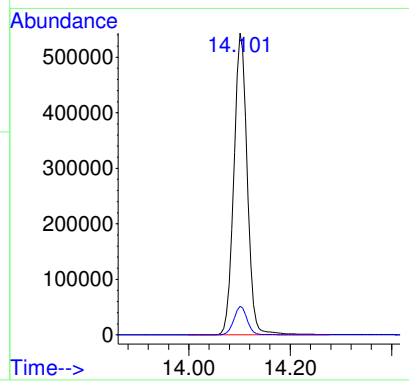
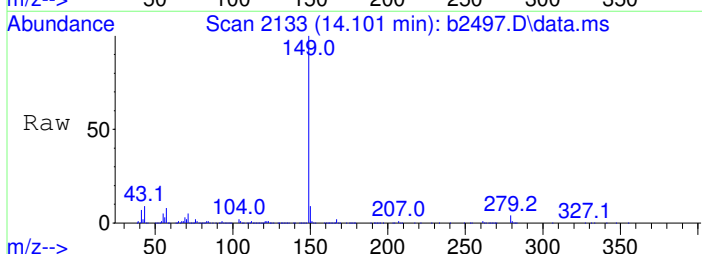
Tgt	Ion:149	Resp:	595321
Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.4	30.6
279	4.2	3.4	5.2





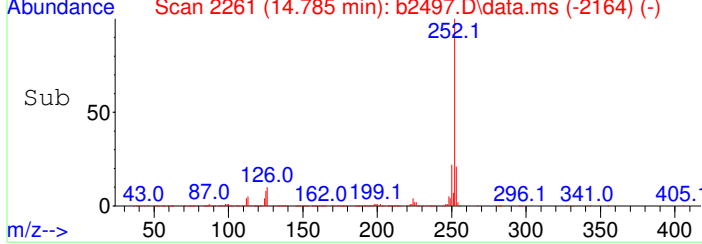
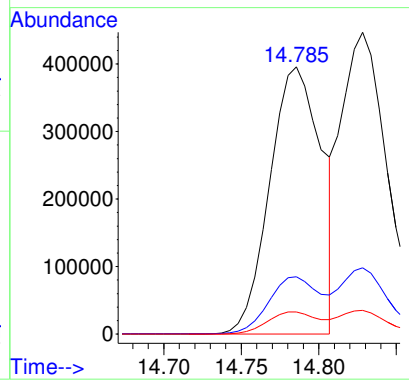
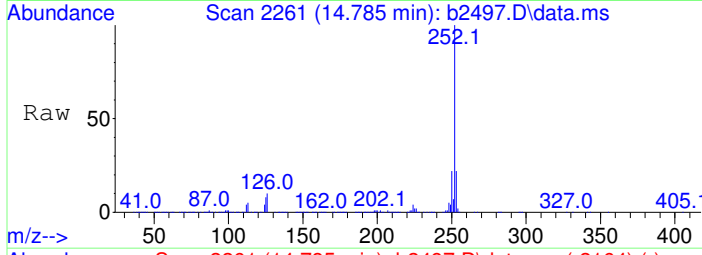
#82
 Di-n-octylphthalate
 Concen: 45.35 ug
 RT: 14.101 min Scan# 2133
 Delta R.T. -0.000 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

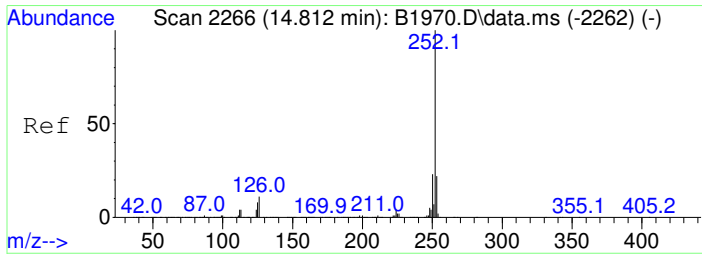
Tgt Ion:149	Resp: 992081
Ion Ratio	Lower Upper
149 100	
150 9.5	8.9 13.3



#83
 Benzo[b]fluoranthene
 Concen: 39.95 ug
 RT: 14.785 min Scan# 2261
 Delta R.T. 0.021 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

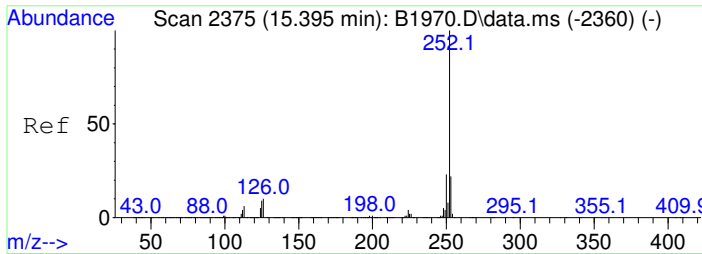
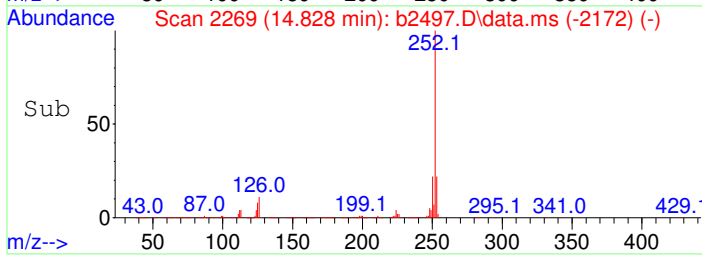
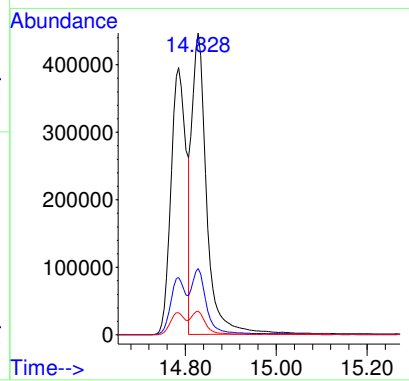
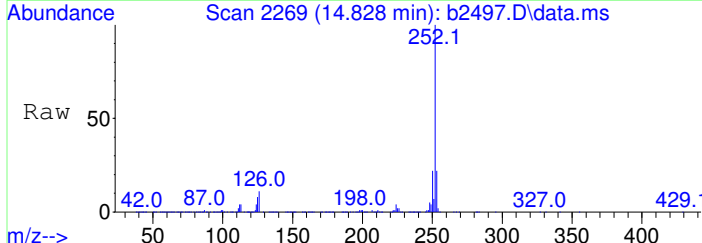
Tgt Ion:252	Resp: 920931
Ion Ratio	Lower Upper
252 100	
253 21.7	17.5 26.3
125 7.7	6.6 9.8





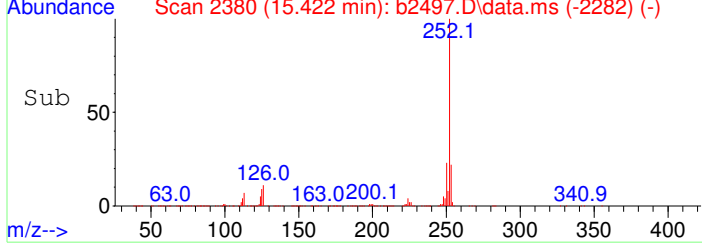
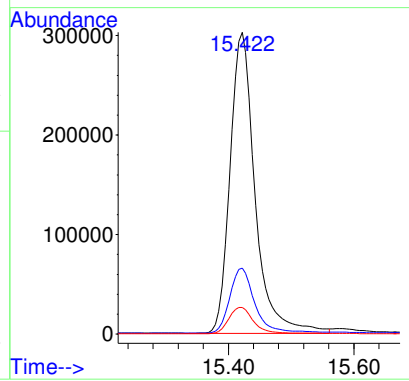
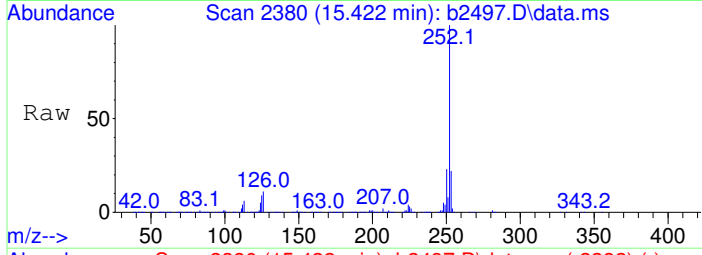
#84
Benzo[k]fluoranthene
Concen: 43.60 ug
RT: 14.828 min Scan# 2269
Delta R.T. 0.021 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

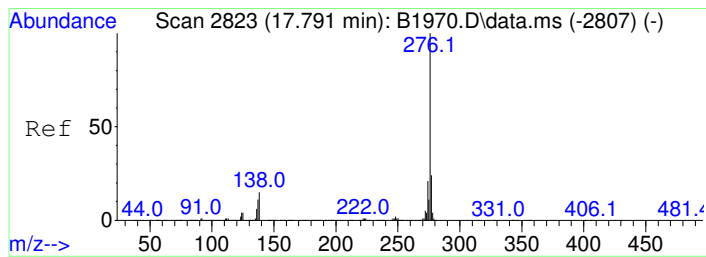
Tgt Ion:	252	Resp:	1014957
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.7	26.5
125	7.2	6.6	9.8



#85
Benzo[a]pyrene
Concen: 39.61 ug
RT: 15.422 min Scan# 2380
Delta R.T. 0.027 min
Lab File: b2497.D
Acq: 6 Sep 2024 1:00 pm

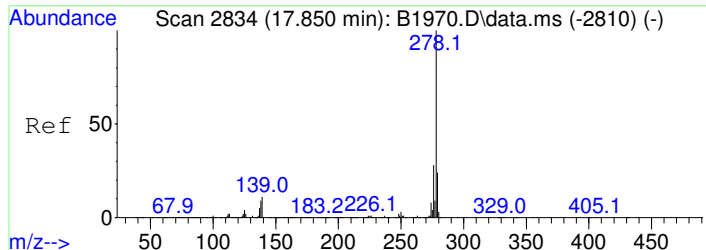
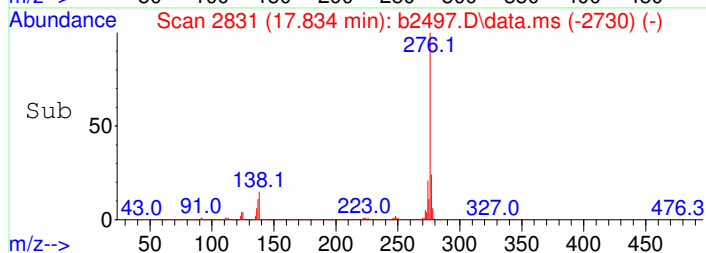
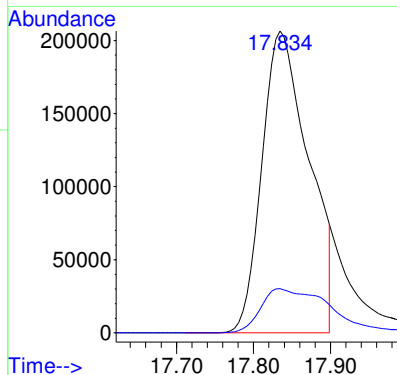
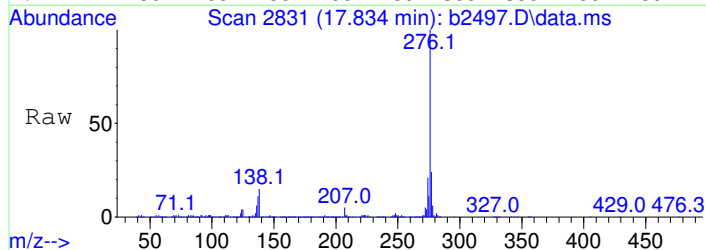
Tgt Ion:	252	Resp:	838466
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	9.0	7.2	10.8





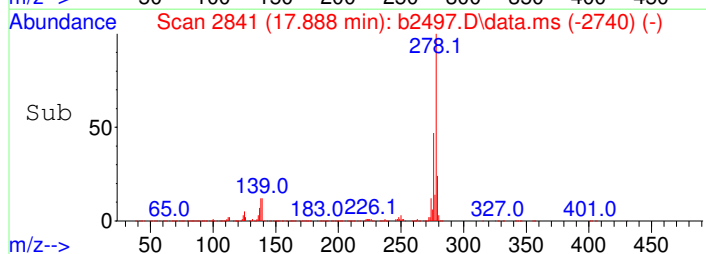
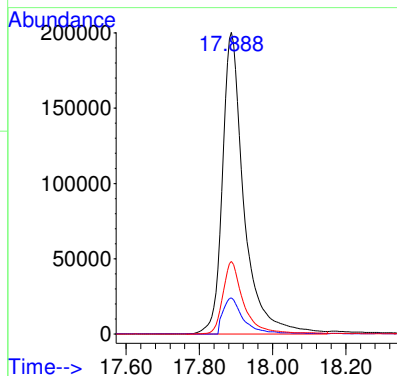
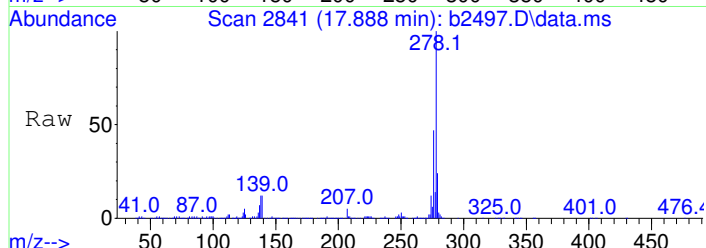
#86
 Indeno[1,2,3-cd]pyrene
 Concen: 41.60 ug m
 RT: 17.834 min Scan# 2831
 Delta R.T. 0.043 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

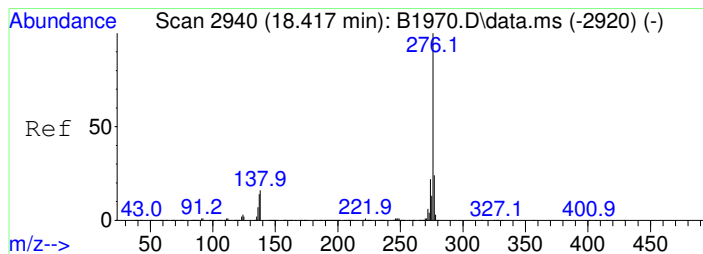
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	11.8	17.8#



#87
 Dibenz[a,h]anthracene
 Concen: 38.39 ug
 RT: 17.888 min Scan# 2841
 Delta R.T. 0.043 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

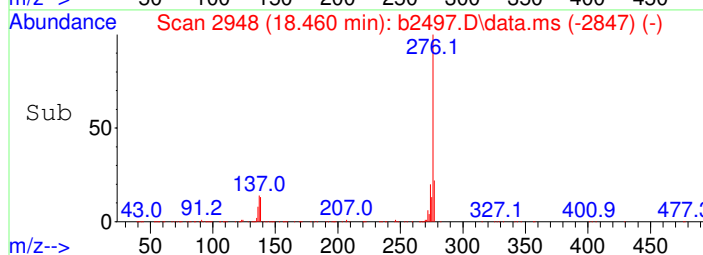
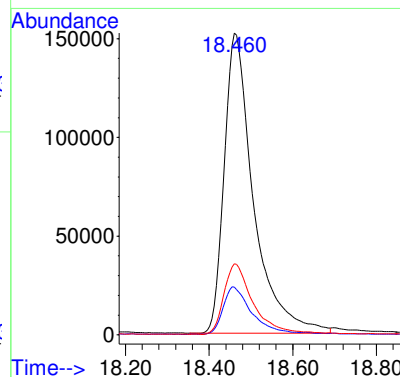
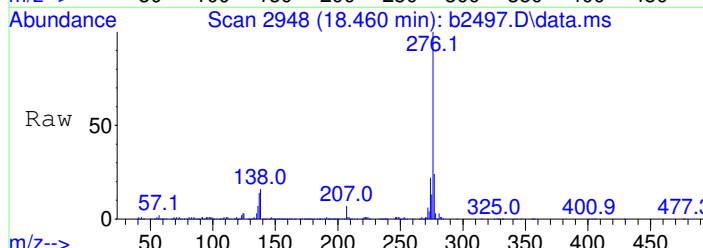
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	9.4	14.2
279	23.1	18.9	28.3





#88
 Benzo[g,h,i]perylene
 Concen: 34.61 ug
 RT: 18.460 min Scan# 2948
 Delta R.T. 0.043 min
 Lab File: b2497.D
 Acq: 6 Sep 2024 1:00 pm

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	15.0	22.6
277	23.6	18.3	27.5



Adirondack Environmental Services, Inc

PREP BATCH REPORT

Prep Start Date: **8/29/2024 9:53:31 A**

Prep End Date: **9/6/2024**

Comments:

Page: 1 of 1

Prep Factor Units:

mL / mL

Prep Batch **111118** Prep Code: **3535_BNA** Technician: **Kelsey Letson**

Sample ID	Matrix	pH	ResCl	SampAmt	Sol Added	Fin Vol	factor	PrepStart	PrepEnd	ExPos	TareWt	CleanUp
240822102-001D	Wastewater		No	1000	0	1	0.001	8/29/2024	8/30/2024	2-2	0	
240822102-002D	Wastewater		No	1000	0	1	0.001	8/29/2024	8/30/2024	1-1	0	
240822102-003F	Wastewater		No	1000	0	1	0.001	8/29/2024	8/30/2024	1-2	0	
240823014-001A	Groundwater		No	1000	0	1	0.001	8/29/2024	9/6/2024	1-1	0	
240823014-002A	Groundwater		No	1000	0	1	0.001	8/29/2024	9/6/2024	1-2	0	
240823014-002AMS	Groundwater		No	1000	0	1	0.001	8/29/2024	9/6/2024	1-2	0	
240823014-002AMSD	Groundwater		No	1000	0	1	0.001	8/29/2024	9/6/2024	1-3	0	
240823014-003A	Groundwater		No	1000	0	1	0.001	8/29/2024	9/6/2024	1-3	0	
240823014-004A	Field Blank		No	1000	0	1	0.001	8/29/2024	9/6/2024	1-1	0	
LCS-111118				1000	0	1	0.001	8/29/2024	8/29/2024	2-2	0	
MB-111118				1000	0	1	0.001	8/29/2024	8/29/2024	2-3	0	
mdl-111118				1000	0	1	0.001	8/29/2024	9/4/2024	1-1	0	

Number	Reagent Name	Solution ID	Solution Name	SampType	AmtAdd	units
8768	8270 Carbon Cartridge	9062	O-BIS 4000ug/ml		10	μl
9053	8270 One Pass	9121	O-Matrix Spike		250	μl
9126	Dichloromethane	BNA9-22c	Working BNA Surrogate @ 50/100ppm		500	μl
9127	Acetone	BNA9-25a	1% Ammonium Hydroxide		0	
9136	Sodium Sulfate	WC9-9-P	1:1 Sulfuric Acid		0	

Analyst	Date	Time	File ID	Sample ID	DF	QA/QC Checks		Manual Integration	Comments
						Surrogate Check	Internal Std Check		
			B2484	005-111254	X	✓	✓		1-1
			85	828025-1A	X	✓	✓		1-2
			86	830002-1A	X	✓	✓		2-3
			87	005D-111254	X	✓	✓		2-2
			ΔD	liner, septum					
			B2488	DP100	X				
			89	SSTD080	X		✓	8/07	
			90	NEW-Acetone					
			91	MB-111118	X	✓	✓		
			92	005-111118	X	✓	✓		
			93	823014-1A	X	all ↓	✓		1-1 NO MORE SAMPLE
			94	2	X	✓	✓		
			95	3	X	✓	✓		
			96	4	X	✓	✓		
			97	MS 2	X	✓	✓		
			98	MSD 2	X	✓	✓		
			99	903033-15A	X	✓	✓		

REVIEW

DATE



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

- (a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.
- (g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.