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Hit Summary Sheet
SW-846

SDG No.: Q3740
Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:				0				
Total Voc :								
Total Concentration:								

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J



SAMPLE DATA

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: WC1
Lab Sample ID: Q3740-01
Analytical Method: 8260D
Sample Wt/Vol: 4.98 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3740
Matrix: SOIL
% Solid: 90
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:26	VY120125
74-87-3	Chloromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:26	VY120125
75-01-4	Vinyl Chloride	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:26	VY120125
74-83-9	Bromomethane	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:26	VY120125
75-00-3	Chloroethane	1.40	U	1	1.40	5.60	ug/Kg	12/01/25 12:26	VY120125
75-69-4	Trichlorofluoromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:26	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:26	VY120125
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.60	ug/Kg	12/01/25 12:26	VY120125
67-64-1	Acetone	5.30	U	1	5.30	27.9	ug/Kg	12/01/25 12:26	VY120125
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:26	VY120125
1634-04-4	Methyl tert-butyl Ether	0.81	U	1	0.81	5.60	ug/Kg	12/01/25 12:26	VY120125
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.60	ug/Kg	12/01/25 12:26	VY120125
75-09-2	Methylene Chloride	3.90	U	1	3.90	11.2	ug/Kg	12/01/25 12:26	VY120125
156-60-5	trans-1,2-Dichloroethene	0.96	U	1	0.96	5.60	ug/Kg	12/01/25 12:26	VY120125
75-34-3	1,1-Dichloroethane	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:26	VY120125
110-82-7	Cyclohexane	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:26	VY120125
78-93-3	2-Butanone	7.30	U	1	7.30	27.9	ug/Kg	12/01/25 12:26	VY120125
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.60	ug/Kg	12/01/25 12:26	VY120125
156-59-2	cis-1,2-Dichloroethene	0.84	U	1	0.84	5.60	ug/Kg	12/01/25 12:26	VY120125
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:26	VY120125
67-66-3	Chloroform	0.94	U	1	0.94	5.60	ug/Kg	12/01/25 12:26	VY120125
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:26	VY120125
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:26	VY120125
71-43-2	Benzene	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:26	VY120125
107-06-2	1,2-Dichloroethane	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:26	VY120125
79-01-6	Trichloroethene	0.90	U	1	0.90	5.60	ug/Kg	12/01/25 12:26	VY120125
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:26	VY120125
75-27-4	Bromodichloromethane	0.87	U	1	0.87	5.60	ug/Kg	12/01/25 12:26	VY120125
108-10-1	4-Methyl-2-Pentanone	4.00	U	1	4.00	27.9	ug/Kg	12/01/25 12:26	VY120125
108-88-3	Toluene	0.87	U	1	0.87	5.60	ug/Kg	12/01/25 12:26	VY120125
10061-02-6	t-1,3-Dichloropropene	0.73	U	1	0.73	5.60	ug/Kg	12/01/25 12:26	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.69	U	1	0.69	5.60	ug/Kg	12/01/25 12:26	VY120125
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:26	VY120125
591-78-6	2-Hexanone	4.10	U	1	4.10	27.9	ug/Kg	12/01/25 12:26	VY120125
124-48-1	Dibromochloromethane	0.97	U	1	0.97	5.60	ug/Kg	12/01/25 12:26	VY120125
106-93-4	1,2-Dibromoethane	0.98	U	1	0.98	5.60	ug/Kg	12/01/25 12:26	VY120125
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:26	VY120125
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:26	VY120125
100-41-4	Ethyl Benzene	0.75	U	1	0.75	5.60	ug/Kg	12/01/25 12:26	VY120125
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.2	ug/Kg	12/01/25 12:26	VY120125
95-47-6	o-Xylene	0.91	U	1	0.91	5.60	ug/Kg	12/01/25 12:26	VY120125
100-42-5	Styrene	0.79	U	1	0.79	5.60	ug/Kg	12/01/25 12:26	VY120125
75-25-2	Bromoform	0.96	U	1	0.96	5.60	ug/Kg	12/01/25 12:26	VY120125

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: WC1
 Lab Sample ID: Q3740-01
 Analytical Method: 8260D
 Sample Wt/Vol: 4.98 g

Level: LOW
 Final Vol: 5000 uL

Date Collected: 11/26/25
 Date Received: 11/26/25
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 90
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.87	U	1	0.87	5.60	ug/Kg	12/01/25 12:26	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:26	VY120125
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.60	ug/Kg	12/01/25 12:26	VY120125
106-46-7	1,4-Dichlorobenzene	1.70	U	1	1.70	5.60	ug/Kg	12/01/25 12:26	VY120125
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.60	ug/Kg	12/01/25 12:26	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.60	ug/Kg	12/01/25 12:26	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.30	U	1	3.30	5.60	ug/Kg	12/01/25 12:26	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.50	U	1	3.50	5.60	ug/Kg	12/01/25 12:26	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	63.0			63 - 155	126%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2			70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	50.5			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3			52 - 138	91%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	676000
540-36-3	1,4-Difluorobenzene	1280000
3114-55-4	Chlorobenzene-d5	1110000
3855-82-1	1,4-Dichlorobenzene-d4	445000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q3740**

Client: **G Environmental**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3740-01	WC1	1,2-Dichloroethane-d4	50	63.0	126		63	155
		Dibromofluoromethane	50	54.2	108		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	45.3	91		52	138
VY1201SBL01	VY1201SBL01	1,2-Dichloroethane-d4	50	58.3	117		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	49.5	99		74	123
		4-Bromofluorobenzene	50	42.2	84		52	138
VY1201SBS01	VY1201SBS01	1,2-Dichloroethane-d4	50	47.7	95		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.2	98		52	138
VY1201SBSD01	VY1201SBSD01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.0	100		74	123
		4-Bromofluorobenzene	50	48.3	97		52	138

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3740	SW-846	Analytical Method:	SW8260D
Client:	G Environmental	Datafile :	VY023831.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBS01	Dichlorodifluoromethane	20	22.3	ug/Kg	112			64	136	
	Chloromethane	20	18.5	ug/Kg	93			73	129	
	Vinyl chloride	20	19.8	ug/Kg	99			73	133	
	Bromomethane	20	19.4	ug/Kg	97			77	137	
	Chloroethane	20	20.4	ug/Kg	102			69	130	
	Trichlorofluoromethane	20	21.9	ug/Kg	110			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.0	ug/Kg	115			81	123	
	1,1-Dichloroethene	20	21.2	ug/Kg	106			79	121	
	Acetone	100	120	ug/Kg	120			60	174	
	Carbon disulfide	20	18.1	ug/Kg	91			73	125	
	Methyl tert-butyl Ether	20	20.6	ug/Kg	103			77	129	
	Methyl Acetate	20	18.4	ug/Kg	92			51	140	
	Methylene Chloride	20	18.8	ug/Kg	94			54	158	
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106			80	123	
	1,1-Dichloroethane	20	21.7	ug/Kg	109			82	123	
	Cyclohexane	20	21.0	ug/Kg	105			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	23.1	ug/Kg	116			76	129	
	cis-1,2-Dichloroethene	20	21.0	ug/Kg	105			82	123	
	Bromochloromethane	20	19.2	ug/Kg	96			80	127	
	Chloroform	20	22.0	ug/Kg	110			82	125	
	1,1,1-Trichloroethane	20	22.3	ug/Kg	112			80	126	
	Methylcyclohexane	20	22.0	ug/Kg	110			77	123	
	Benzene	20	22.0	ug/Kg	110			84	121	
	1,2-Dichloroethane	20	22.3	ug/Kg	112			81	126	
	Trichloroethene	20	22.6	ug/Kg	113			83	122	
	1,2-Dichloropropane	20	22.6	ug/Kg	113			83	122	
	Bromodichloromethane	20	22.2	ug/Kg	111			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	22.5	ug/Kg	113			83	122	
	t-1,3-Dichloropropene	20	21.4	ug/Kg	107			78	124	
	cis-1,3-Dichloropropene	20	22.0	ug/Kg	110			81	122	
	1,1,2-Trichloroethane	20	22.0	ug/Kg	110			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	22.0	ug/Kg	110			79	125	
	1,2-Dibromoethane	20	21.2	ug/Kg	106			80	125	
	Tetrachloroethene	20	23.3	ug/Kg	117			83	125	
	Chlorobenzene	20	22.6	ug/Kg	113			84	122	
	Ethyl Benzene	20	22.9	ug/Kg	115			82	124	
	m/p-Xylenes	40	46.2	ug/Kg	116			83	124	
	o-Xylene	20	22.5	ug/Kg	113			83	123	
	Styrene	20	22.7	ug/Kg	114			82	124	
	Bromoform	20	21.9	ug/Kg	110			75	127	
	Isopropylbenzene	20	22.6	ug/Kg	113			82	124	
	1,1,2,2-Tetrachloroethane	20	20.9	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	21.6	ug/Kg	108			83	122	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	21.9	ug/Kg	110			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3740</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>G Environmental</u>	Datafile :	<u>VY023831.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	20.8	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	21.2	ug/Kg	106			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3740	SW-846	Analytical Method:	SW8260D
Client:	G Environmental	Datafile :	VY023832.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBSD01	Dichlorodifluoromethane	20	22.3	ug/Kg	112	0		64	136	20
	Chloromethane	20	18.7	ug/Kg	94	1		73	129	15
	Vinyl chloride	20	19.8	ug/Kg	99	0		73	133	15
	Bromomethane	20	19.4	ug/Kg	97	0		77	137	15
	Chloroethane	20	20.2	ug/Kg	101	1		69	130	15
	Trichlorofluoromethane	20	21.9	ug/Kg	110	0		69	134	27
	1,1,2-Trichlorotrifluoroethane	20	23.1	ug/Kg	116	1		81	123	20
	1,1-Dichloroethene	20	21.4	ug/Kg	107	1		79	121	16
	Acetone	100	130	ug/Kg	130	8		60	174	28
	Carbon disulfide	20	18.0	ug/Kg	90	1		73	125	15
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109	6		77	129	20
	Methyl Acetate	20	20.3	ug/Kg	102	10		51	140	30
	Methylene Chloride	20	19.2	ug/Kg	96	2		54	158	20
	trans-1,2-Dichloroethene	20	21.3	ug/Kg	106	0		80	123	15
	1,1-Dichloroethane	20	22.0	ug/Kg	110	1		82	123	15
	Cyclohexane	20	21.3	ug/Kg	106	1		76	122	15
	2-Butanone	100	120	ug/Kg	120	9		69	131	29
	Carbon Tetrachloride	20	22.3	ug/Kg	112	4		76	129	15
	cis-1,2-Dichloroethene	20	21.5	ug/Kg	108	3		82	123	15
	Bromochloromethane	20	19.5	ug/Kg	98	2		80	127	15
	Chloroform	20	22.1	ug/Kg	111	1		82	125	15
	1,1,1-Trichloroethane	20	22.5	ug/Kg	113	1		80	126	15
	Methylcyclohexane	20	21.8	ug/Kg	109	1		77	123	15
	Benzene	20	21.8	ug/Kg	109	1		84	121	15
	1,2-Dichloroethane	20	22.5	ug/Kg	113	1		81	126	15
	Trichloroethene	20	22.3	ug/Kg	112	1		83	122	15
	1,2-Dichloropropane	20	22.7	ug/Kg	114	1		83	122	15
	Bromodichloromethane	20	22.4	ug/Kg	112	1		82	123	15
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0		70	135	26
	Toluene	20	22.4	ug/Kg	112	1		83	122	15
	t-1,3-Dichloropropene	20	21.8	ug/Kg	109	2		78	124	15
	cis-1,3-Dichloropropene	20	21.8	ug/Kg	109	1		81	122	15
	1,1,2-Trichloroethane	20	23.0	ug/Kg	115	4		82	125	15
	2-Hexanone	100	120	ug/Kg	120	9		66	138	27
	Dibromochloromethane	20	22.4	ug/Kg	112	2		79	125	15
	1,2-Dibromoethane	20	22.1	ug/Kg	111	5		80	125	16
	Tetrachloroethene	20	23.1	ug/Kg	116	1		83	125	15
	Chlorobenzene	20	22.2	ug/Kg	111	2		84	122	15
	Ethyl Benzene	20	22.6	ug/Kg	113	2		82	124	15
	m/p-Xylenes	40	45.5	ug/Kg	114	2		83	124	15
	o-Xylene	20	22.3	ug/Kg	112	1		83	123	15
	Styrene	20	22.7	ug/Kg	114	0		82	124	15
	Bromoform	20	22.2	ug/Kg	111	1		75	127	16
	Isopropylbenzene	20	22.7	ug/Kg	114	1		82	124	15
	1,1,2,2-Tetrachloroethane	20	22.6	ug/Kg	113	8		77	127	21
	1,3-Dichlorobenzene	20	22.3	ug/Kg	112	4		83	122	15
	1,4-Dichlorobenzene	20	21.9	ug/Kg	110	2		84	121	15
	1,2-Dichlorobenzene	20	22.5	ug/Kg	113	3		83	124	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3740</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>G Environmental</u>	Datafile :	<u>VY023832.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBSD01	1,2-Dibromo-3-Chloropropane	20	21.8	ug/Kg	109	11		66	134	20
	1,2,4-Trichlorobenzene	20	21.7	ug/Kg	109	5		78	127	20
	1,2,3-Trichlorobenzene	20	22.2	ug/Kg	111	5		70	137	16

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1201SBL01

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab File ID: VY023830.D

Lab Sample ID: VY1201SBL01

Date Analyzed: 12/01/2025

Time Analyzed: 09:13

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025
WC1	Q3740-01	VY023836.D	12/01/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab File ID: VY023808.D

BFB Injection Date: 11/26/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:11

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.5
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	87.3
175	5.0 - 9.0% of mass 174	6.4 (7.4) 1
176	95.0 - 101.0% of mass 174	83.8 (96) 1
177	5.0 - 9.0% of mass 176	5.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY023809.D	11/26/2025	08:04
VSTDIC010	VSTDIC010	VY023810.D	11/26/2025	08:27
VSTDIC020	VSTDIC020	VY023811.D	11/26/2025	08:49
VSTDIC050	VSTDIC050	VY023812.D	11/26/2025	09:17
VSTDIC100	VSTDIC100	VY023813.D	11/26/2025	09:39
VSTDIC150	VSTDIC150	VY023814.D	11/26/2025	10:02

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab File ID: VY023828.D

BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:24

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	82.5
175	5.0 - 9.0% of mass 174	5.8 (7) 1
176	95.0 - 101.0% of mass 174	79.4 (96.3) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023829.D	12/01/2025	07:55
VY1201SBL01	VY1201SBL01	VY023830.D	12/01/2025	09:13
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025	09:37
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025	10:00
WC1	Q3740-01	VY023836.D	12/01/2025	12:26

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01
 Lab Code: ACE SDG NO.: Q3740
 Lab File ID: VY023829.D Date Analyzed: 12/01/2025
 Instrument ID: MSVOA_Y Time Analyzed: 07:55
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	565841	7.71	855261	8.62	736930	11.42
UPPER LIMIT	1131680	8.213	1710520	9.122	1473860	11.92
LOWER LIMIT	282921	7.213	427631	8.122	368465	10.92
EPA SAMPLE NO.						
WC1	675919	7.71	1275968	8.62	1114794	11.42
VY1201SBL01	719047	7.71	1221329	8.62	995220	11.42
VY1201SBS01	535284	7.71	821167	8.62	693280	11.42
VY1201SBSD01	526036	7.71	818117	8.62	695554	11.42

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3740</u>
Lab File ID:	<u>VY023829.D</u>	Date Analyzed:	<u>12/01/2025</u>
Instrument ID:	<u>MSVOA_Y</u>	Time Analyzed:	<u>07:55</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS4 AREA #	RT #				
12 HOUR STD	375940	13.352				
UPPER LIMIT	751880	13.852				
LOWER LIMIT	187970	12.852				
EPA SAMPLE NO.						
WC1	445014	13.35				
VY1201SBL01	399677	13.35				
VY1201SBS01	360194	13.35				
VY1201SBSD01	353062	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: VY1201SBL01
 Lab Sample ID: VY1201SBL01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 100
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/01/25 09:13	VY120125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/01/25 09:13	VY120125
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/01/25 09:13	VY120125
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/01/25 09:13	VY120125
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/01/25 09:13	VY120125
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/01/25 09:13	VY120125
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/01/25 09:13	VY120125
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/01/25 09:13	VY120125
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/01/25 09:13	VY120125
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/01/25 09:13	VY120125
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/01/25 09:13	VY120125
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/01/25 09:13	VY120125
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/01/25 09:13	VY120125
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/01/25 09:13	VY120125
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/01/25 09:13	VY120125
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/01/25 09:13	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/01/25 09:13	VY120125
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/01/25 09:13	VY120125
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/01/25 09:13	VY120125
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/01/25 09:13	VY120125
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/01/25 09:13	VY120125
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/01/25 09:13	VY120125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/01/25 09:13	VY120125
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/01/25 09:13	VY120125
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/01/25 09:13	VY120125
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/01/25 09:13	VY120125

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: VY1201SBL01
 Lab Sample ID: VY1201SBL01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 100
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/01/25 09:13	VY120125
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/01/25 09:13	VY120125
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/01/25 09:13	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/01/25 09:13	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/01/25 09:13	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/01/25 09:13	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.3			63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0			70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.5			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	719000
540-36-3	1,4-Difluorobenzene	1220000
3114-55-4	Chlorobenzene-d5	995000
3855-82-1	1,4-Dichlorobenzene-d4	400000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: VY1201SBS01
Lab Sample ID: VY1201SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3740
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.3		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
74-87-3	Chloromethane	18.5		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-01-4	Vinyl Chloride	19.8		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
74-83-9	Bromomethane	19.4		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-00-3	Chloroethane	20.4		1	1.30	5.00	ug/Kg	12/01/25 09:37	VY120125
75-69-4	Trichlorofluoromethane	21.9		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	23.0		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-35-4	1,1-Dichloroethene	21.2		1	1.00	5.00	ug/Kg	12/01/25 09:37	VY120125
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	12/01/25 09:37	VY120125
75-15-0	Carbon Disulfide	18.1		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
1634-04-4	Methyl tert-butyl Ether	20.6		1	0.73	5.00	ug/Kg	12/01/25 09:37	VY120125
79-20-9	Methyl Acetate	18.4		1	1.50	5.00	ug/Kg	12/01/25 09:37	VY120125
75-09-2	Methylene Chloride	18.8		1	3.50	10.0	ug/Kg	12/01/25 09:37	VY120125
156-60-5	trans-1,2-Dichloroethene	21.1		1	0.86	5.00	ug/Kg	12/01/25 09:37	VY120125
75-34-3	1,1-Dichloroethane	21.7		1	0.80	5.00	ug/Kg	12/01/25 09:37	VY120125
110-82-7	Cyclohexane	21.0		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	12/01/25 09:37	VY120125
56-23-5	Carbon Tetrachloride	23.1		1	0.97	5.00	ug/Kg	12/01/25 09:37	VY120125
156-59-2	cis-1,2-Dichloroethene	21.0		1	0.75	5.00	ug/Kg	12/01/25 09:37	VY120125
74-97-5	Bromochloromethane	19.2		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
67-66-3	Chloroform	22.0		1	0.84	5.00	ug/Kg	12/01/25 09:37	VY120125
71-55-6	1,1,1-Trichloroethane	22.3		1	0.93	5.00	ug/Kg	12/01/25 09:37	VY120125
108-87-2	Methylcyclohexane	22.0		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
71-43-2	Benzene	22.0		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
107-06-2	1,2-Dichloroethane	22.3		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
79-01-6	Trichloroethene	22.6		1	0.81	5.00	ug/Kg	12/01/25 09:37	VY120125
78-87-5	1,2-Dichloropropane	22.6		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
75-27-4	Bromodichloromethane	22.2		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/01/25 09:37	VY120125
108-88-3	Toluene	22.5		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
10061-02-6	t-1,3-Dichloropropene	21.4		1	0.65	5.00	ug/Kg	12/01/25 09:37	VY120125
10061-01-5	cis-1,3-Dichloropropene	22.0		1	0.62	5.00	ug/Kg	12/01/25 09:37	VY120125
79-00-5	1,1,2-Trichloroethane	22.0		1	0.92	5.00	ug/Kg	12/01/25 09:37	VY120125
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	12/01/25 09:37	VY120125
124-48-1	Dibromochloromethane	22.0		1	0.87	5.00	ug/Kg	12/01/25 09:37	VY120125
106-93-4	1,2-Dibromoethane	21.2		1	0.88	5.00	ug/Kg	12/01/25 09:37	VY120125
127-18-4	Tetrachloroethene	23.3		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
108-90-7	Chlorobenzene	22.6		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
100-41-4	Ethyl Benzene	22.9		1	0.67	5.00	ug/Kg	12/01/25 09:37	VY120125
179601-23-1	m/p-Xylenes	46.2		1	1.20	10.0	ug/Kg	12/01/25 09:37	VY120125
95-47-6	o-Xylene	22.5		1	0.82	5.00	ug/Kg	12/01/25 09:37	VY120125
100-42-5	Styrene	22.7		1	0.71	5.00	ug/Kg	12/01/25 09:37	VY120125
75-25-2	Bromoform	21.9		1	0.86	5.00	ug/Kg	12/01/25 09:37	VY120125

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: VY1201SBS01
 Lab Sample ID: VY1201SBS01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 100
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.6		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
541-73-1	1,3-Dichlorobenzene	21.6		1	1.70	5.00	ug/Kg	12/01/25 09:37	VY120125
106-46-7	1,4-Dichlorobenzene	21.6		1	1.60	5.00	ug/Kg	12/01/25 09:37	VY120125
95-50-1	1,2-Dichlorobenzene	21.9		1	1.50	5.00	ug/Kg	12/01/25 09:37	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1	1.80	5.00	ug/Kg	12/01/25 09:37	VY120125
120-82-1	1,2,4-Trichlorobenzene	20.8		1	3.00	5.00	ug/Kg	12/01/25 09:37	VY120125
87-61-6	1,2,3-Trichlorobenzene	21.2		1	3.20	5.00	ug/Kg	12/01/25 09:37	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	47.7			63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2			52 - 138	98%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	535000
540-36-3	1,4-Difluorobenzene	821000
3114-55-4	Chlorobenzene-d5	693000
3855-82-1	1,4-Dichlorobenzene-d4	360000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: VY1201SBSD01
 Lab Sample ID: VY1201SBSD01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 100
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.3		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
74-87-3	Chloromethane	18.7		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-01-4	Vinyl Chloride	19.8		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
74-83-9	Bromomethane	19.4		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-00-3	Chloroethane	20.2		1	1.30	5.00	ug/Kg	12/01/25 10:00	VY120125
75-69-4	Trichlorofluoromethane	21.9		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	23.1		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-35-4	1,1-Dichloroethene	21.4		1	1.00	5.00	ug/Kg	12/01/25 10:00	VY120125
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	12/01/25 10:00	VY120125
75-15-0	Carbon Disulfide	18.0		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
1634-04-4	Methyl tert-butyl Ether	21.8		1	0.73	5.00	ug/Kg	12/01/25 10:00	VY120125
79-20-9	Methyl Acetate	20.3		1	1.50	5.00	ug/Kg	12/01/25 10:00	VY120125
75-09-2	Methylene Chloride	19.2		1	3.50	10.0	ug/Kg	12/01/25 10:00	VY120125
156-60-5	trans-1,2-Dichloroethene	21.3		1	0.86	5.00	ug/Kg	12/01/25 10:00	VY120125
75-34-3	1,1-Dichloroethane	22.0		1	0.80	5.00	ug/Kg	12/01/25 10:00	VY120125
110-82-7	Cyclohexane	21.3		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	12/01/25 10:00	VY120125
56-23-5	Carbon Tetrachloride	22.3		1	0.97	5.00	ug/Kg	12/01/25 10:00	VY120125
156-59-2	cis-1,2-Dichloroethene	21.5		1	0.75	5.00	ug/Kg	12/01/25 10:00	VY120125
74-97-5	Bromochloromethane	19.5		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
67-66-3	Chloroform	22.1		1	0.84	5.00	ug/Kg	12/01/25 10:00	VY120125
71-55-6	1,1,1-Trichloroethane	22.5		1	0.93	5.00	ug/Kg	12/01/25 10:00	VY120125
108-87-2	Methylcyclohexane	21.8		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
71-43-2	Benzene	21.8		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
107-06-2	1,2-Dichloroethane	22.5		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
79-01-6	Trichloroethene	22.3		1	0.81	5.00	ug/Kg	12/01/25 10:00	VY120125
78-87-5	1,2-Dichloropropane	22.7		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
75-27-4	Bromodichloromethane	22.4		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/01/25 10:00	VY120125
108-88-3	Toluene	22.4		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
10061-02-6	t-1,3-Dichloropropene	21.8		1	0.65	5.00	ug/Kg	12/01/25 10:00	VY120125
10061-01-5	cis-1,3-Dichloropropene	21.8		1	0.62	5.00	ug/Kg	12/01/25 10:00	VY120125
79-00-5	1,1,2-Trichloroethane	23.0		1	0.92	5.00	ug/Kg	12/01/25 10:00	VY120125
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	12/01/25 10:00	VY120125
124-48-1	Dibromochloromethane	22.4		1	0.87	5.00	ug/Kg	12/01/25 10:00	VY120125
106-93-4	1,2-Dibromoethane	22.1		1	0.88	5.00	ug/Kg	12/01/25 10:00	VY120125
127-18-4	Tetrachloroethene	23.1		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
108-90-7	Chlorobenzene	22.2		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
100-41-4	Ethyl Benzene	22.6		1	0.67	5.00	ug/Kg	12/01/25 10:00	VY120125
179601-23-1	m/p-Xylenes	45.5		1	1.20	10.0	ug/Kg	12/01/25 10:00	VY120125
95-47-6	o-Xylene	22.3		1	0.82	5.00	ug/Kg	12/01/25 10:00	VY120125
100-42-5	Styrene	22.7		1	0.71	5.00	ug/Kg	12/01/25 10:00	VY120125
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	12/01/25 10:00	VY120125

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: VY1201SBSD01
 Lab Sample ID: VY1201SBSD01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 100
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.7		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
541-73-1	1,3-Dichlorobenzene	22.3		1	1.70	5.00	ug/Kg	12/01/25 10:00	VY120125
106-46-7	1,4-Dichlorobenzene	21.9		1	1.60	5.00	ug/Kg	12/01/25 10:00	VY120125
95-50-1	1,2-Dichlorobenzene	22.5		1	1.50	5.00	ug/Kg	12/01/25 10:00	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	21.8		1	1.80	5.00	ug/Kg	12/01/25 10:00	VY120125
120-82-1	1,2,4-Trichlorobenzene	21.7		1	3.00	5.00	ug/Kg	12/01/25 10:00	VY120125
87-61-6	1,2,3-Trichlorobenzene	22.2		1	3.20	5.00	ug/Kg	12/01/25 10:00	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.0			63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	50.0			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3			52 - 138	97%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	526000
540-36-3	1,4-Difluorobenzene	818000
3114-55-4	Chlorobenzene-d5	696000
3855-82-1	1,4-Dichlorobenzene-d4	353000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3740</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:								
RRF005 = VY023809.D			RRF010 = VY023810.D			RRF020 = VY023811.D		
RRF050 = VY023812.D			RRF100 = VY023813.D			RRF150 = VY023814.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.422	0.412	0.414	0.340	0.339	0.334	0.377	11.4
Chloromethane	0.640	0.632	0.607	0.531	0.532	0.515	0.576	9.8
Vinyl Chloride	0.662	0.655	0.640	0.604	0.602	0.580	0.624	5.3
Bromomethane	0.543	0.480	0.439	0.386	0.402	0.390	0.440	14
Chloroethane	0.437	0.420	0.420	0.395	0.394	0.372	0.406	5.8
Trichlorofluoromethane	0.906	0.865	0.874	0.815	0.805	0.793	0.843	5.3
1,1,2-Trichlorotrifluoroethane	0.537	0.509	0.501	0.473	0.477	0.455	0.492	6
1,1-Dichloroethene	0.508	0.487	0.491	0.471	0.476	0.471	0.484	3
Acetone	0.148	0.138	0.137	0.135	0.150	0.133	0.140	5.1
Carbon Disulfide	1.644	1.610	1.618	1.519	1.521	1.461	1.562	4.6
Methyl tert-butyl Ether	1.182	1.158	1.200	1.242	1.355	1.287	1.237	6
Methyl Acetate	0.273	0.264	0.262	0.257	0.299	0.270	0.271	5.5
Methylene Chloride	0.755	0.662	0.582	0.530	0.530	0.500	0.593	16.5
trans-1,2-Dichloroethene	0.553	0.537	0.543	0.526	0.539	0.518	0.536	2.3
1,1-Dichloroethane	1.012	0.982	0.989	0.955	0.968	0.947	0.976	2.4
Cyclohexane	1.060	0.953	0.937	0.896	0.903	0.867	0.936	7.2
2-Butanone	0.169	0.163	0.163	0.169	0.192	0.171	0.171	6.4
Carbon Tetrachloride	0.514	0.490	0.502	0.494	0.507	0.483	0.498	2.3
cis-1,2-Dichloroethene	0.636	0.620	0.623	0.611	0.632	0.613	0.622	1.6
Bromochloromethane	0.437	0.400	0.405	0.399	0.408	0.386	0.406	4.2
Chloroform	1.025	0.991	0.996	0.961	0.969	0.943	0.981	3
1,1,1-Trichloroethane	0.893	0.885	0.882	0.851	0.869	0.844	0.871	2.3
Methylcyclohexane	0.598	0.572	0.591	0.604	0.631	0.603	0.600	3.2
Benzene	1.415	1.388	1.434	1.383	1.410	1.355	1.398	2
1,2-Dichloroethane	0.365	0.354	0.358	0.359	0.372	0.354	0.360	2
Trichloroethene	0.366	0.347	0.371	0.355	0.362	0.350	0.359	2.6
1,2-Dichloropropane	0.324	0.325	0.336	0.329	0.339	0.324	0.330	2
Bromodichloromethane	0.468	0.460	0.468	0.463	0.484	0.460	0.467	1.9
4-Methyl-2-Pentanone	0.183	0.185	0.199	0.219	0.252	0.223	0.210	12.6
Toluene	0.818	0.831	0.883	0.892	0.908	0.866	0.866	4.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>GENV01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3740</u>
Instrument ID: <u>MSVOA_Y</u>	Calibration Date(s): <u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>08:04</u> <u>10:02</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID: RRF005 = VY023809.D RRF010 = VY023810.D RRF020 = VY023811.D RRF050 = VY023812.D RRF100 = VY023813.D RRF150 = VY023814.D								
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.399	0.394	0.415	0.438	0.473	0.450	0.428	7.2
cis-1,3-Dichloropropene	0.488	0.489	0.509	0.516	0.548	0.526	0.512	4.5
1,1,2-Trichloroethane	0.233	0.230	0.235	0.242	0.257	0.240	0.240	4
2-Hexanone	0.131	0.135	0.147	0.162	0.190	0.167	0.155	14.2
Dibromochloromethane	0.305	0.308	0.321	0.322	0.347	0.326	0.321	4.7
1,2-Dibromoethane	0.218	0.207	0.219	0.220	0.243	0.226	0.222	5.4
Tetrachloroethene	0.525	0.455	0.510	0.470	0.442	0.445	0.474	7.4
Chlorobenzene	1.100	1.091	1.118	1.093	1.109	1.074	1.098	1.4
Ethyl Benzene	1.779	1.789	1.887	1.918	1.967	1.907	1.875	4
m/p-Xylenes	0.676	0.695	0.739	0.743	0.754	0.728	0.722	4.2
o-Xylene	0.633	0.643	0.679	0.690	0.724	0.695	0.677	5
Styrene	0.995	1.047	1.117	1.162	1.210	1.163	1.116	7.2
Bromoform	0.214	0.209	0.209	0.216	0.237	0.221	0.217	4.9
Isopropylbenzene	3.390	3.431	3.571	3.610	3.701	3.590	3.549	3.3
1,1,2,2-Tetrachloroethane	0.580	0.573	0.524	0.576	0.654	0.599	0.584	7.2
1,3-Dichlorobenzene	1.696	1.674	1.670	1.654	1.698	1.645	1.673	1.3
1,4-Dichlorobenzene	1.798	1.678	1.645	1.635	1.662	1.601	1.670	4.1
1,2-Dichlorobenzene	1.489	1.439	1.456	1.460	1.501	1.431	1.463	1.9
1,2-Dibromo-3-Chloropropane	0.104	0.094	0.085	0.095	0.110	0.100	0.098	8.7
1,2,4-Trichlorobenzene	0.855	0.777	0.835	0.877	0.949	0.940	0.872	7.5
1,2,3-Trichlorobenzene	0.711	0.658	0.710	0.740	0.817	0.820	0.743	8.7
1,2-Dichloroethane-d4	0.508	0.478	0.483	0.492	0.486	0.475	0.487	2.5
Dibromofluoromethane	0.299	0.285	0.297	0.303	0.299	0.295	0.296	2.1
Toluene-d8	1.161	1.125	1.183	1.212	1.209	1.170	1.176	2.8
4-Bromofluorobenzene	0.388	0.362	0.381	0.395	0.406	0.390	0.387	3.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3740</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025 07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025 11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04 10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.377	0.352		-6.63	20
Chloromethane	0.576	0.473	0.1	-17.88	20
Vinyl Chloride	0.624	0.570		-8.65	20
Bromomethane	0.440	0.360		-18.18	20
Chloroethane	0.406	0.380		-6.4	20
Trichlorofluoromethane	0.843	0.848		0.59	20
1,1,2-Trichlorotrifluoroethane	0.492	0.526		6.91	20
1,1-Dichloroethene	0.484	0.491		1.45	20
Acetone	0.140	0.158		12.86	20
Carbon Disulfide	1.562	1.340		-14.21	20
Methyl tert-butyl Ether	1.237	1.330		7.52	20
Methyl Acetate	0.271	0.304		12.18	20
Methylene Chloride	0.593	0.531		-10.45	20
trans-1,2-Dichloroethene	0.536	0.539		0.56	20
1,1-Dichloroethane	0.976	1.008	0.1	3.28	20
Cyclohexane	0.936	0.916		-2.14	20
2-Butanone	0.171	0.187		9.36	20
Carbon Tetrachloride	0.498	0.548		10.04	20
cis-1,2-Dichloroethene	0.622	0.639		2.73	20
Bromochloromethane	0.406	0.389		-4.19	20
Chloroform	0.981	1.019		3.87	20
1,1,1-Trichloroethane	0.871	0.916		5.17	20
Methylcyclohexane	0.600	0.648		8	20
Benzene	1.398	1.495		6.94	20
1,2-Dichloroethane	0.360	0.396		10	20
Trichloroethene	0.359	0.392		9.19	20
1,2-Dichloropropane	0.330	0.363		10	20
Bromodichloromethane	0.467	0.516		10.49	20
4-Methyl-2-Pentanone	0.210	0.252		20	20
Toluene	0.866	0.957		10.51	20
t-1,3-Dichloropropene	0.428	0.474		10.75	20
cis-1,3-Dichloropropene	0.512	0.561		9.57	20
1,1,2-Trichloroethane	0.240	0.275		14.58	20
2-Hexanone	0.155	0.188		21.29	20
Dibromochloromethane	0.321	0.361		12.46	20
1,2-Dibromoethane	0.222	0.249		12.16	20
Tetrachloroethene	0.474	0.532		12.24	20
Chlorobenzene	1.098	1.206	0.3	9.84	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3740</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025</u> <u>07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.875	2.141		14.19	20
m/p-Xylenes	0.722	0.815		12.88	20
o-Xylene	0.677	0.762		12.56	20
Styrene	1.116	1.275		14.25	20
Bromoform	0.217	0.246	0.1	13.36	20
Isopropylbenzene	3.549	4.062		14.45	20
1,1,2,2-Tetrachloroethane	0.584	0.664	0.3	13.7	20
1,3-Dichlorobenzene	1.673	1.834		9.62	20
1,4-Dichlorobenzene	1.670	1.788		7.07	20
1,2-Dichlorobenzene	1.463	1.606		9.77	20
1,2-Dibromo-3-Chloropropane	0.098	0.107		9.18	20
1,2,4-Trichlorobenzene	0.872	0.955		9.52	20
1,2,3-Trichlorobenzene	0.743	0.826		11.17	20
1,2-Dichloroethane-d4	0.487	0.517		6.16	20
Dibromofluoromethane	0.296	0.332		12.16	20
Toluene-d8	1.176	1.313		11.65	20
4-Bromofluorobenzene	0.387	0.437		12.92	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023836.D
 Acq On : 01 Dec 2025 12:26
 Operator : SY/MD
 Sample : Q3740-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1

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Quant Time: Dec 02 03:15:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	675919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1275968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1114794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	445014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	414869	63.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.060%	
35) Dibromofluoromethane	7.640	113	409711	54.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.109	98	1516112	50.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.408	95	447050	45.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.500%	

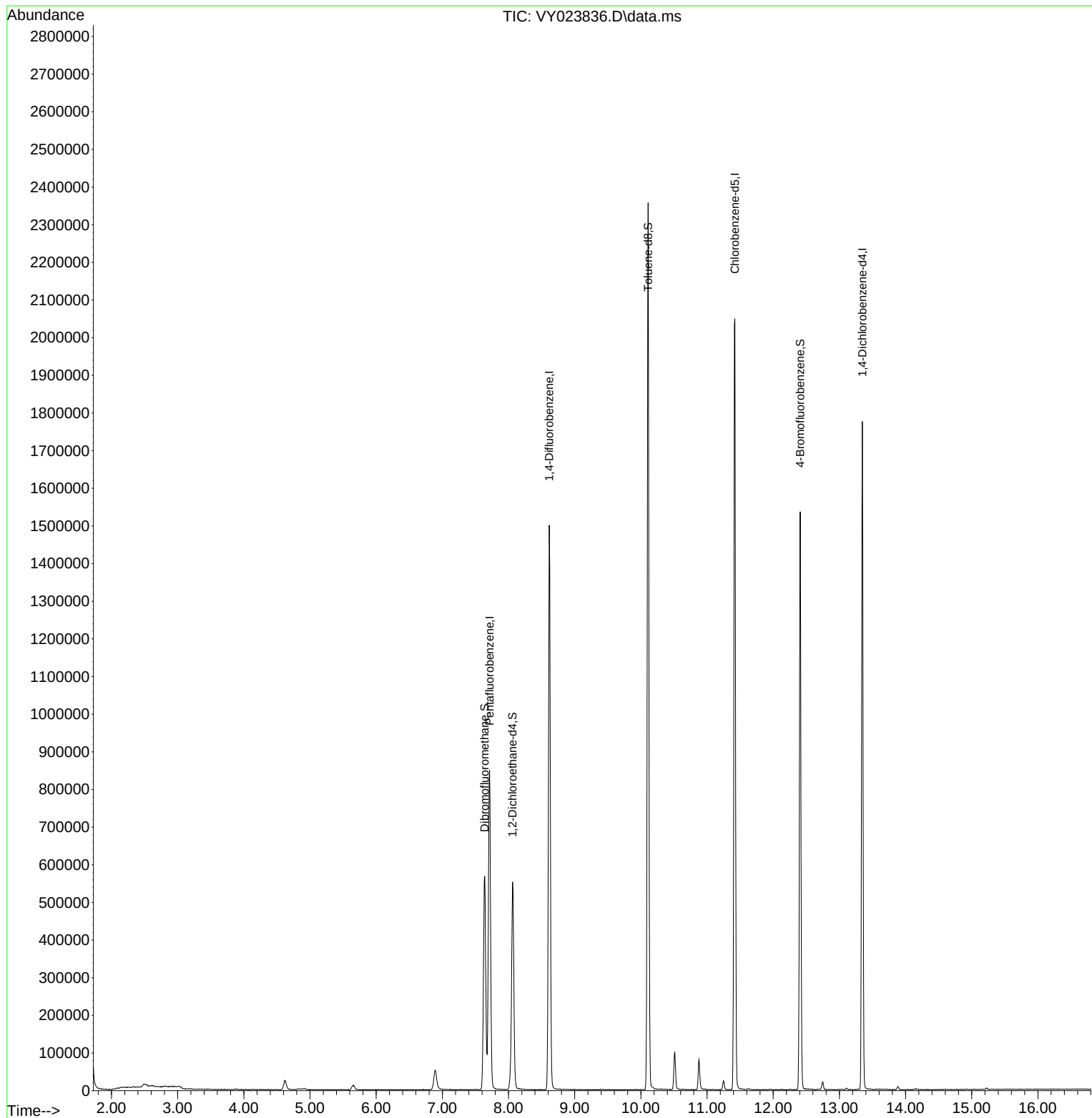
Target Compounds	Qvalue

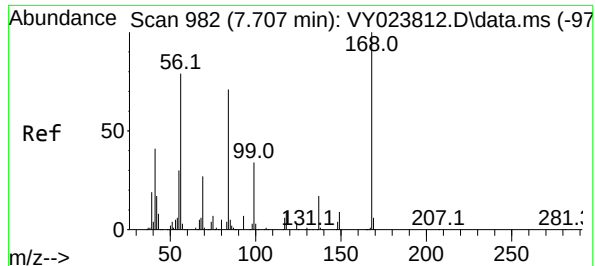
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023836.D
Acq On : 01 Dec 2025 12:26
Operator : SY/MD
Sample : Q3740-01
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Time: Dec 02 03:15:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

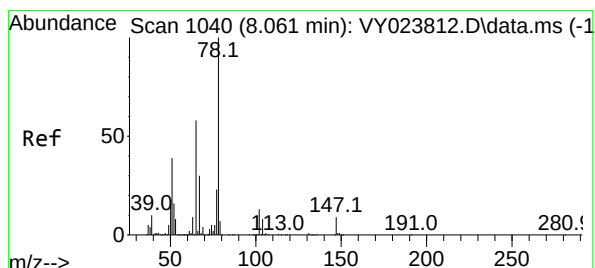
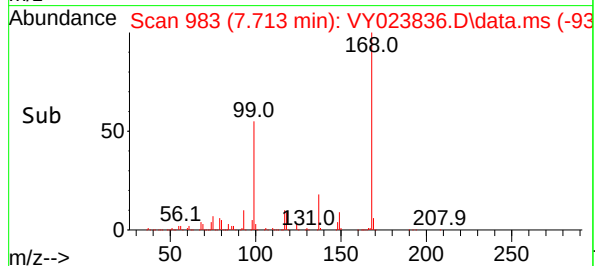
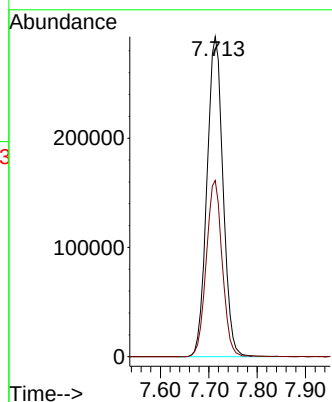
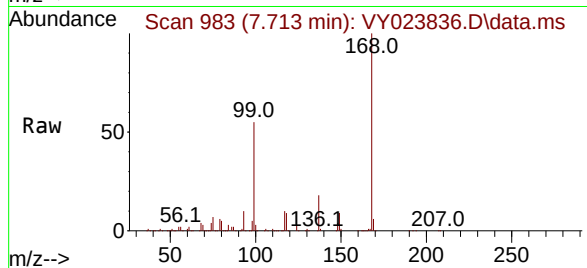




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023836.D
Acq: 01 Dec 2025 12:26

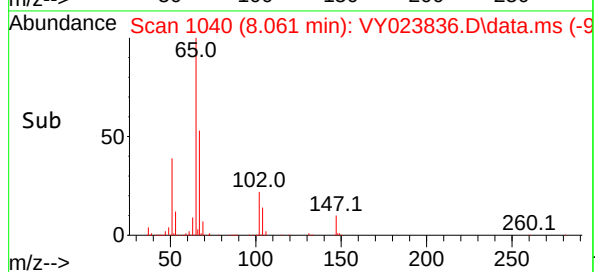
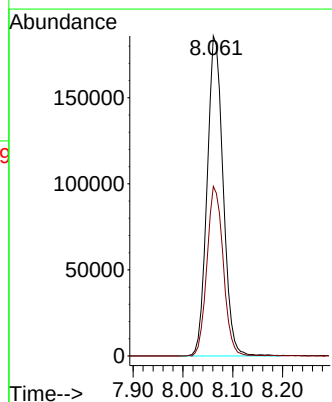
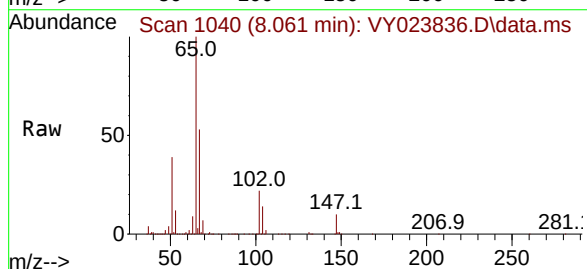
Instrument :
MSVOA_Y
ClientSampleId :
WC1

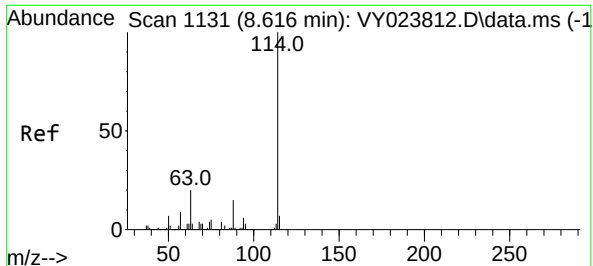
Tgt Ion:168 Resp: 675919
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 63.027 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023836.D
Acq: 01 Dec 2025 12:26

Tgt Ion: 65 Resp: 414869
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023836.D

Acq: 01 Dec 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

WC1

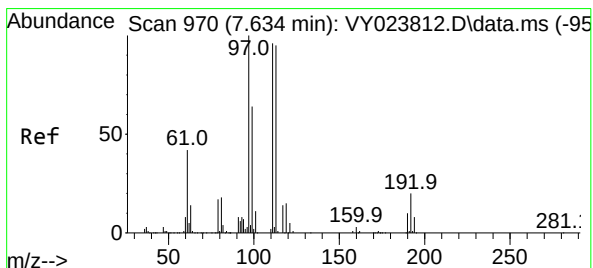
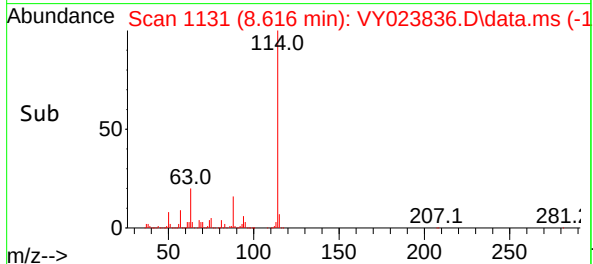
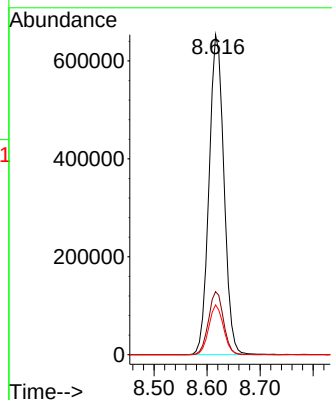
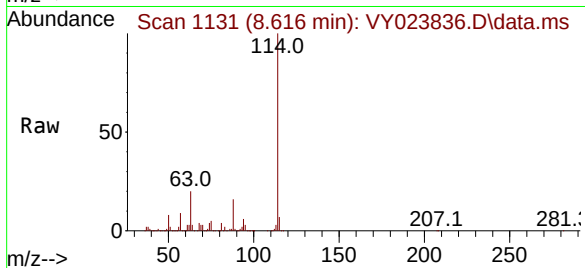
Tgt Ion:114 Resp: 1275968

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.204 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023836.D

Acq: 01 Dec 2025 12:26

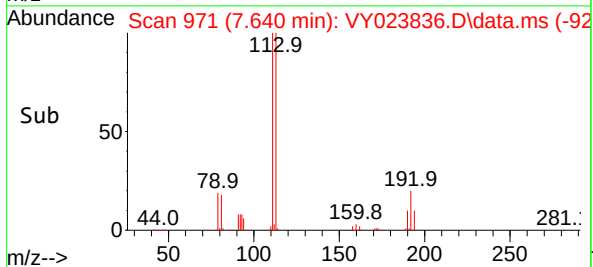
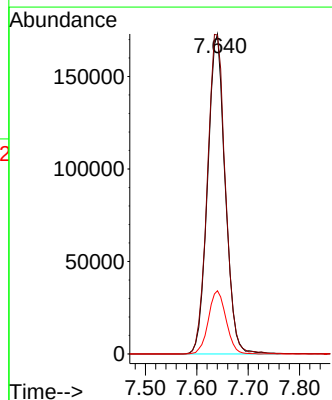
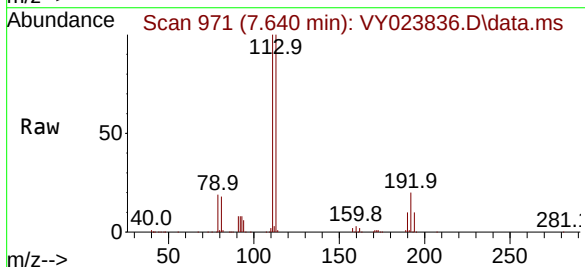
Tgt Ion:113 Resp: 409711

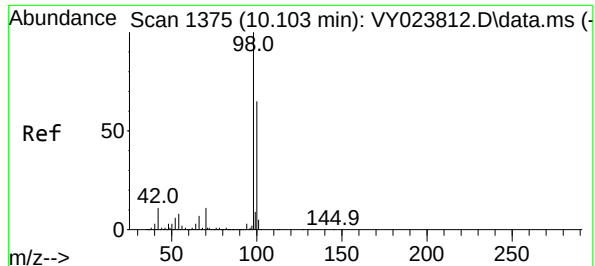
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 19.9 15.8 23.8





#50

Toluene-d8

Concen: 50.498 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY023836.D

Acq: 01 Dec 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

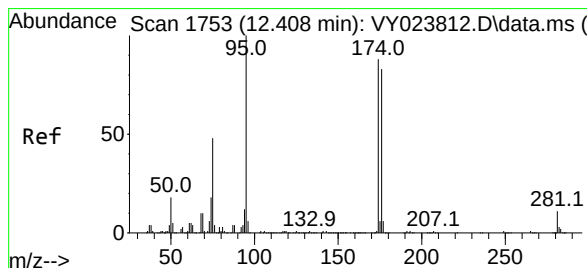
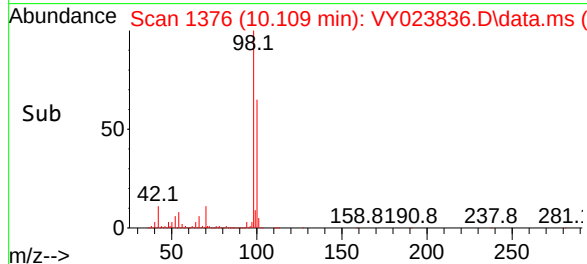
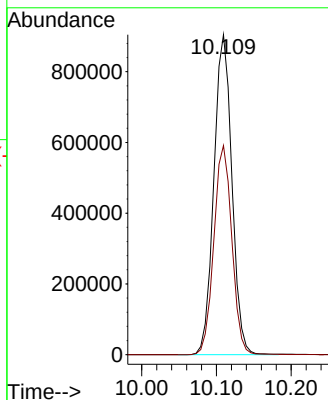
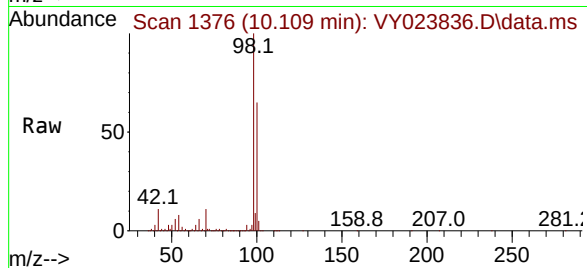
WC1

Tgt Ion: 98 Resp: 1516112

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.254 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY023836.D

Acq: 01 Dec 2025 12:26

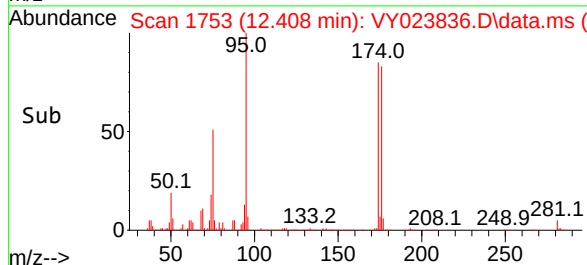
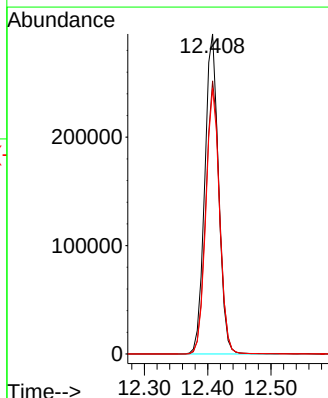
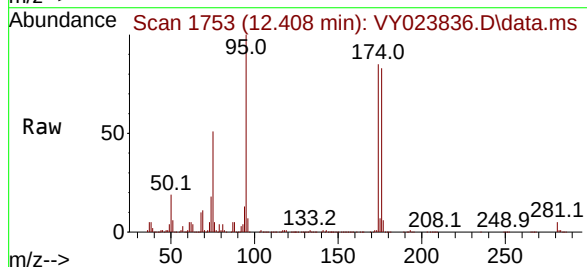
Tgt Ion: 95 Resp: 447050

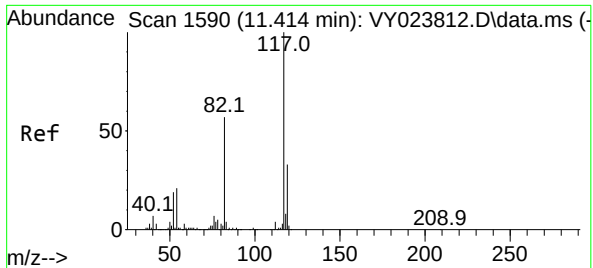
Ion Ratio Lower Upper

95 100

174 85.5 0.0 168.6

176 82.4 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1114794

Delta R.T. 0.006 min

Lab File: VY023836.D

Acq: 01 Dec 2025 12:26

Instrument :

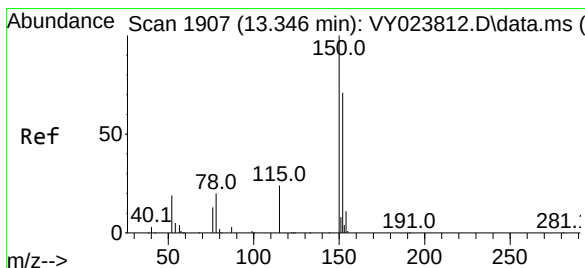
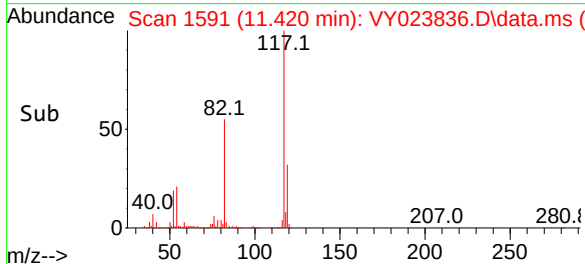
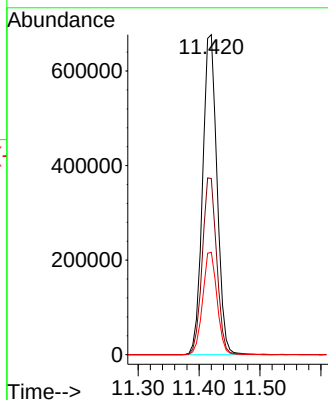
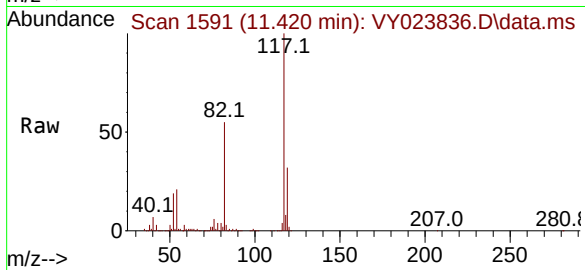
MSVOA_Y

ClientSampleId :

WC1

Tgt Ion:117 Resp: 1114794

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.4	68.0
119	32.0	26.0	39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

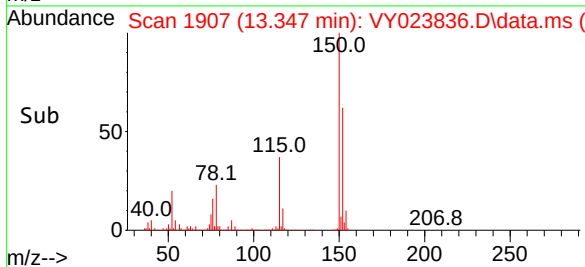
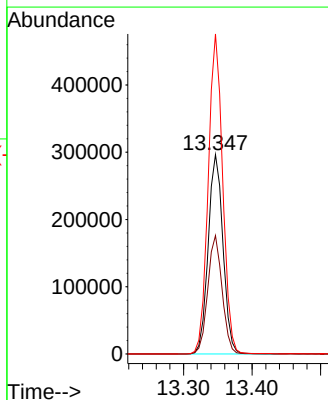
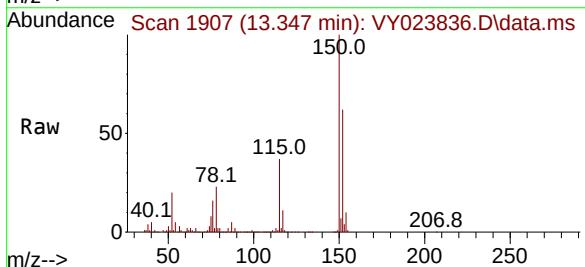
Delta R.T. 0.000 min

Lab File: VY023836.D

Acq: 01 Dec 2025 12:26

Tgt Ion:152 Resp: 445014

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.7	86.3
150	157.1	0.0	345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023836.D
 Acq On : 01 Dec 2025 12:26
 Operator : SY/MD
 Sample : Q3740-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M

Title : SW846 8260

Signal : TIC: VY023836.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	464	475	486	rBV2	24415	73300	1.84%	0.356%
2	6.890	835	848	862	rBV	52285	171708	4.30%	0.833%
3	7.640	960	971	977	rBV	566863	1373573	34.40%	6.664%
4	7.713	977	983	998	rVB	847794	1950356	48.85%	9.463%
5	8.061	1026	1040	1054	rBV2	551747	1343838	33.66%	6.520%
6	8.616	1121	1131	1145	rBV	1499583	2922268	73.19%	14.179%
7	10.109	1368	1376	1396	rBV	2356435	3992719	100.00%	19.372%
8	10.512	1434	1442	1448	rBV2	100211	181001	4.53%	0.878%
9	10.878	1495	1502	1511	rBV	79330	139415	3.49%	0.676%
10	11.249	1557	1563	1571	rVB	23696	40292	1.01%	0.195%
11	11.420	1583	1591	1604	rBV	2047717	3383140	84.73%	16.415%
12	12.408	1746	1753	1763	rBV	1535166	2389756	59.85%	11.595%
13	13.347	1900	1907	1922	rBV	1774020	2649094	66.35%	12.853%

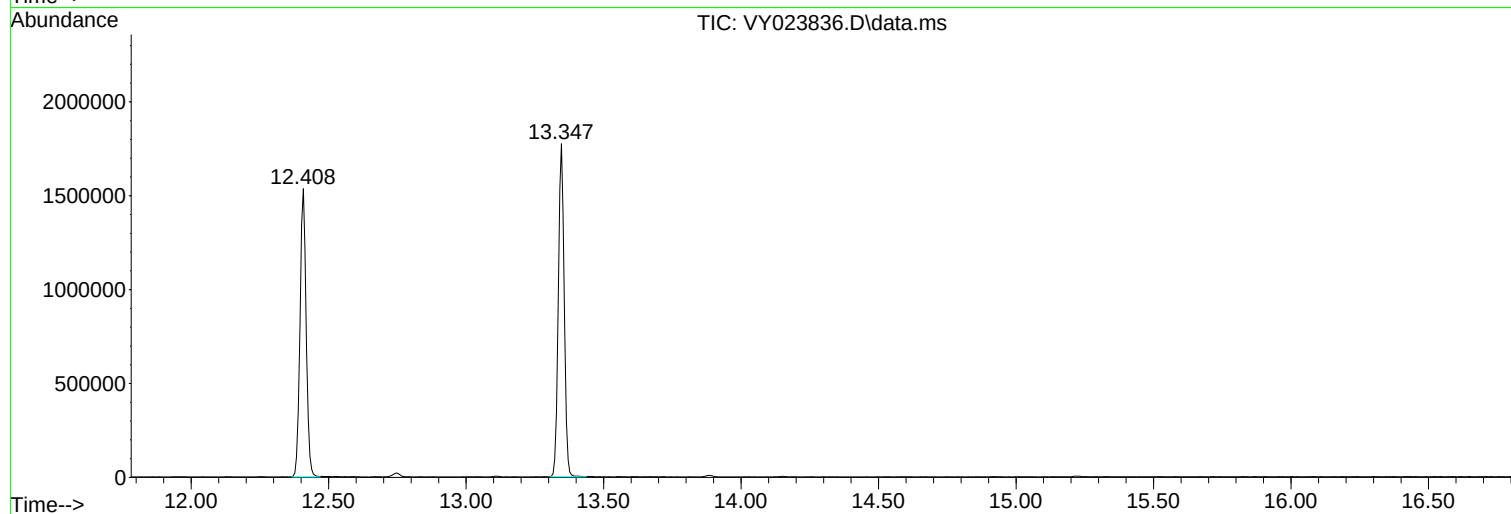
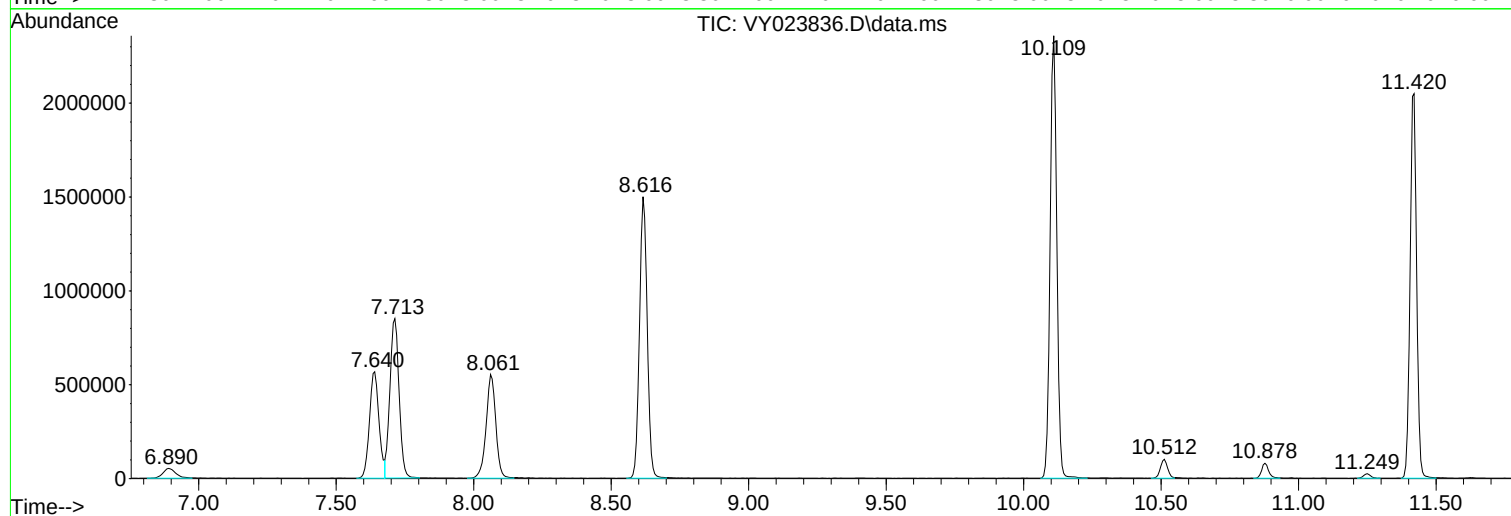
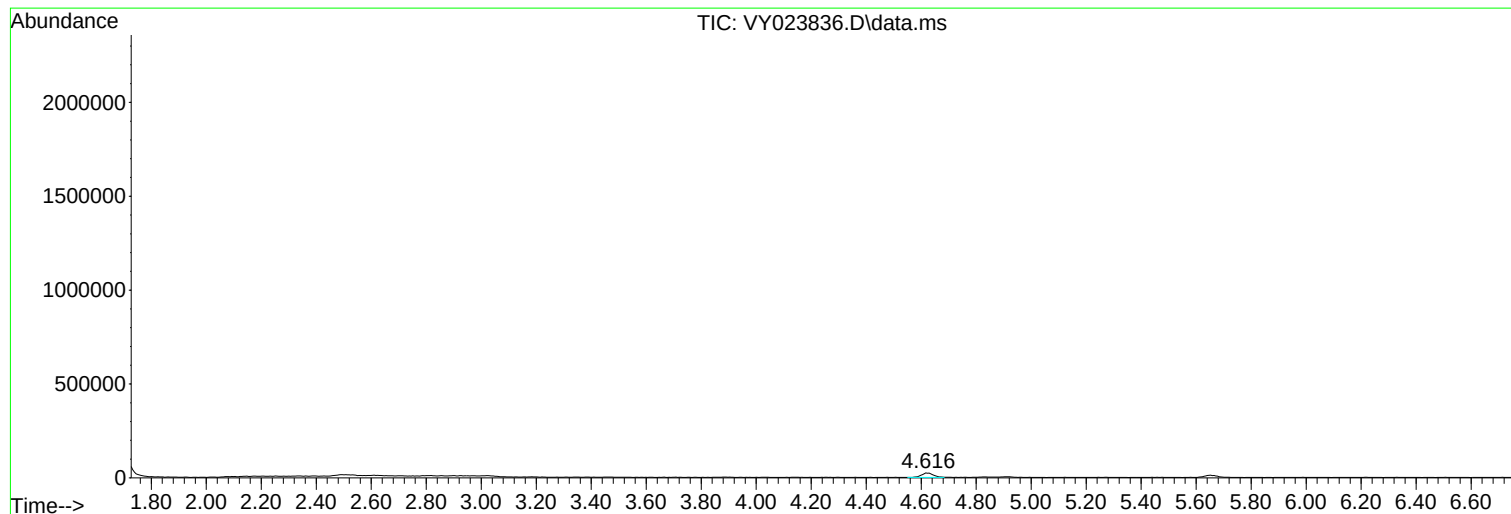
Sum of corrected areas: 20610460

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023836.D
Acq On : 01 Dec 2025 12:26
Operator : SY/MD
Sample : Q3740-01
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023836.D
Acq On : 01 Dec 2025 12:26
Operator : SY/MD
Sample : Q3740-01
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

A

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C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023836.D
Acq On : 01 Dec 2025 12:26
Operator : SY/MD
Sample : Q3740-01
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

A

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C

D

E

F

G

H

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J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023830.D
Acq On : 01 Dec 2025 09:13
Operator : SY/MD
Sample : VY1201SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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Quant Time: Dec 02 03:12:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	719047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1221329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	995220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	399677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	408084	58.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.560%
35) Dibromofluoromethane	7.640	113	368921	50.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.109	98	1423543	49.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.408	95	399287	42.228	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.460%

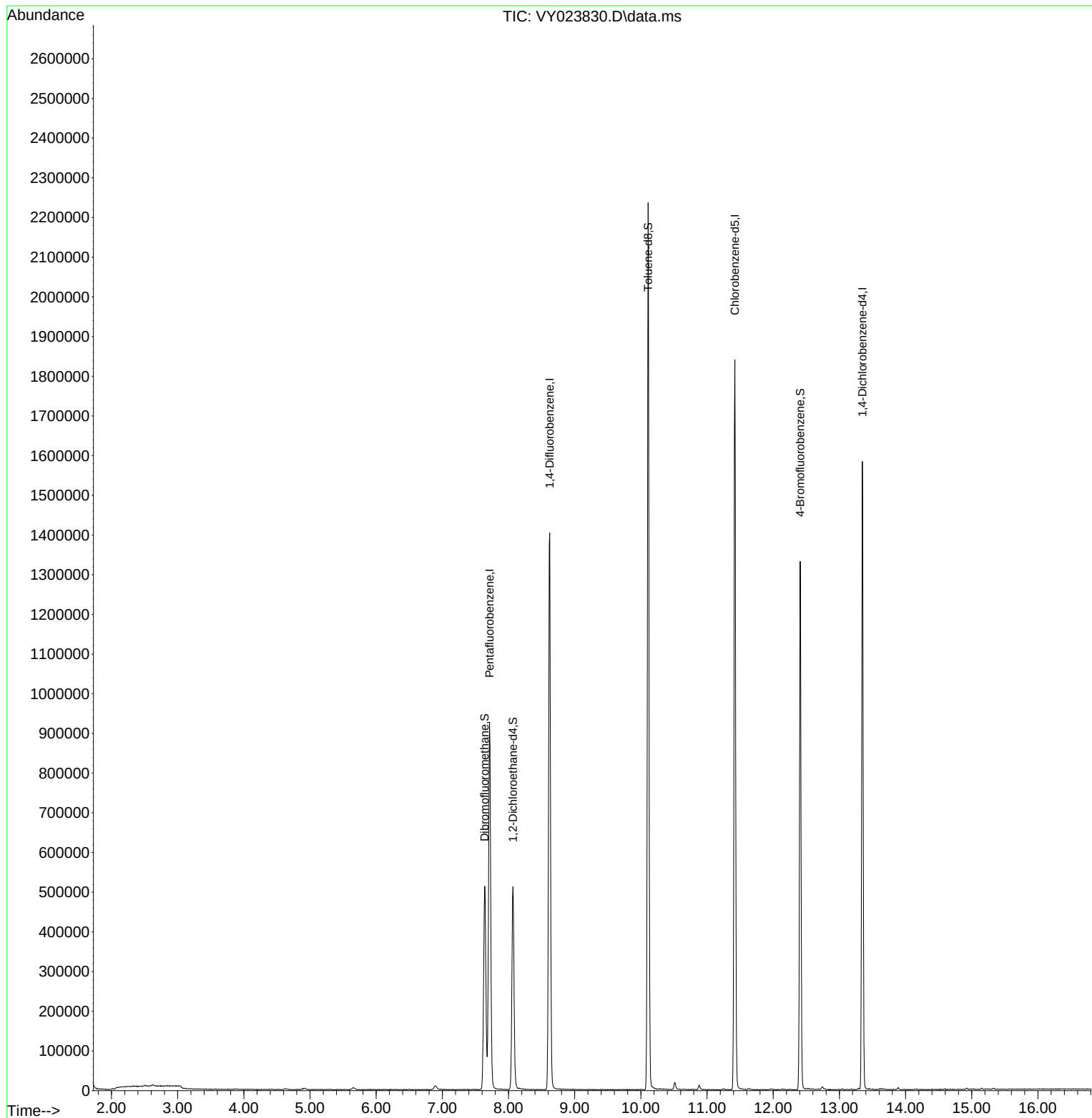
Target Compounds	Qvalue

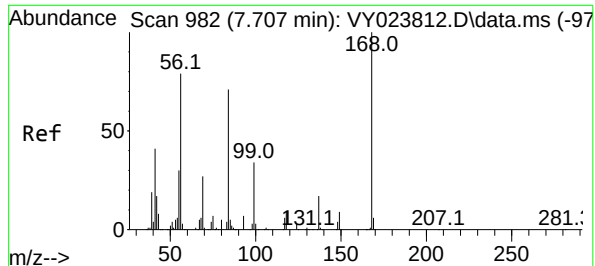
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023830.D
Acq On : 01 Dec 2025 09:13
Operator : SY/MD
Sample : VY1201SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Quant Time: Dec 02 03:12:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

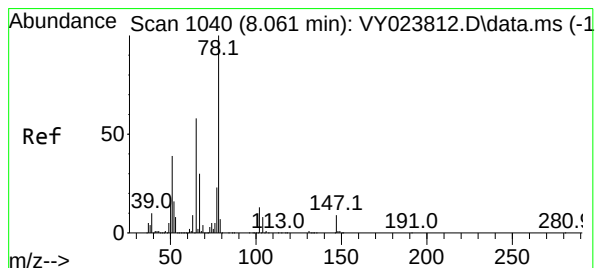
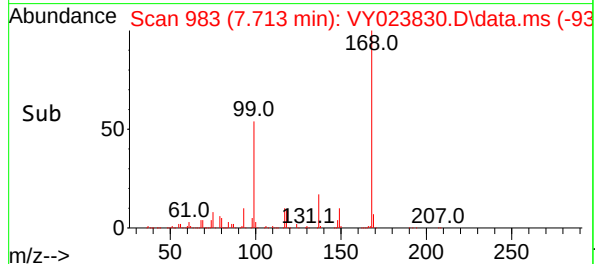
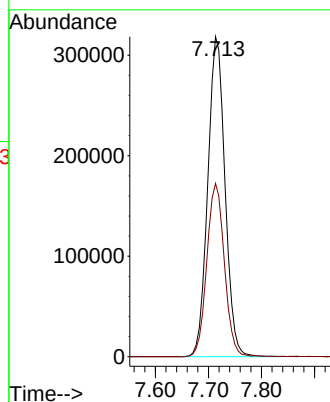
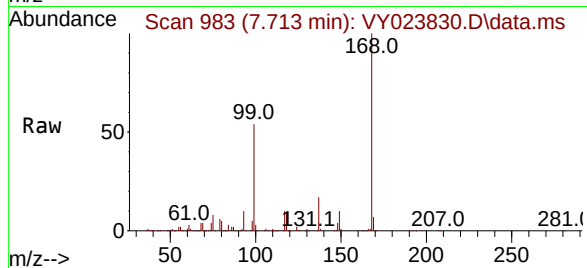




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

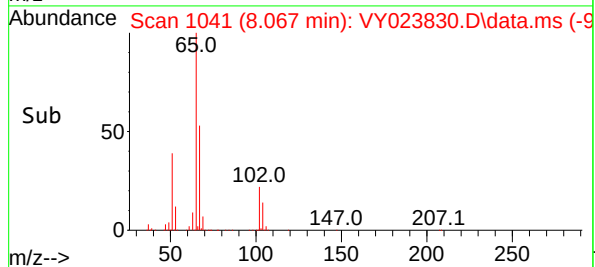
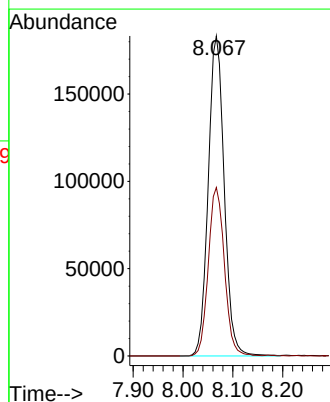
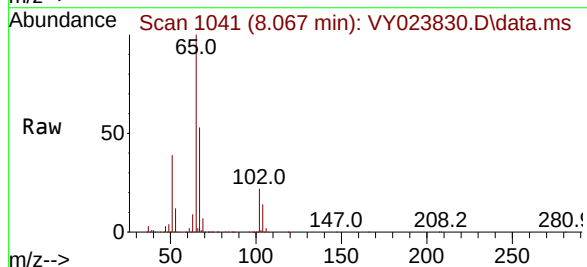
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

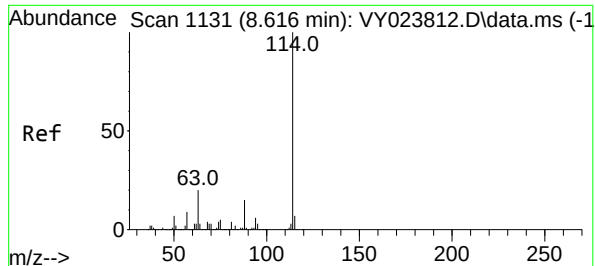
Tgt Ion:168 Resp: 719047
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.278 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

Tgt Ion: 65 Resp: 408084
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBL01

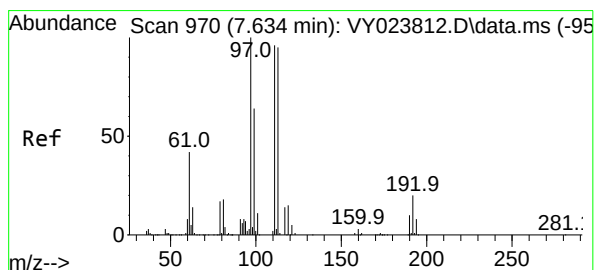
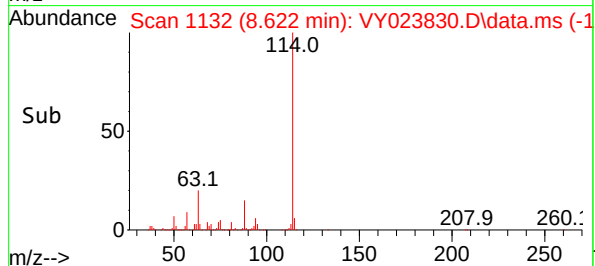
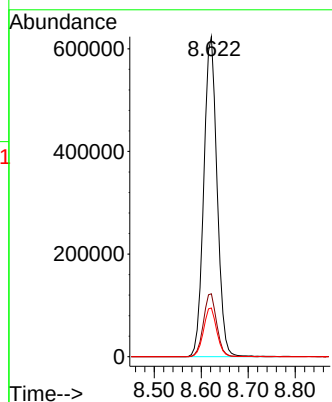
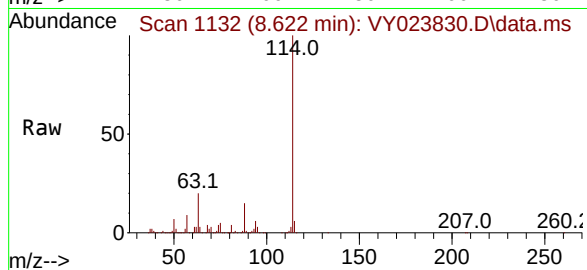
Tgt Ion:114 Resp: 1221329

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.991 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

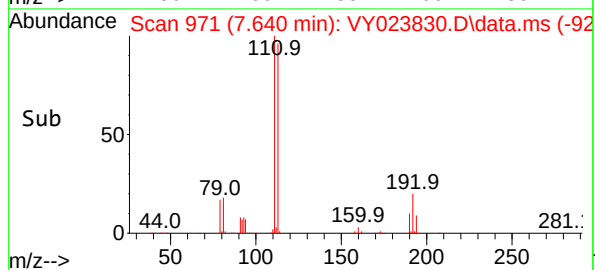
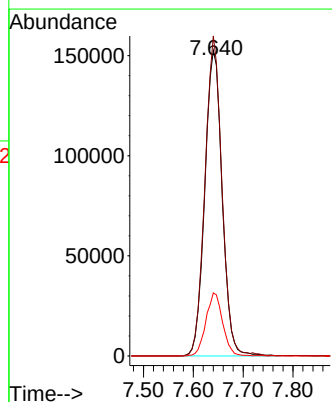
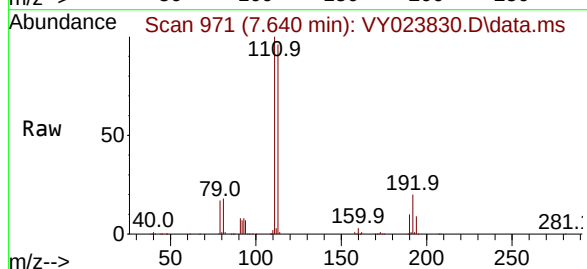
Tgt Ion:113 Resp: 368921

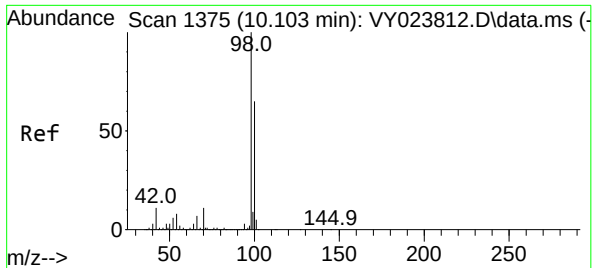
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.9 15.8 23.8

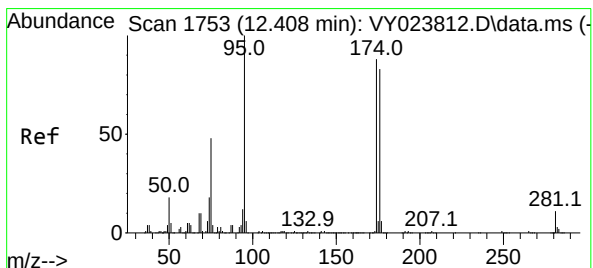
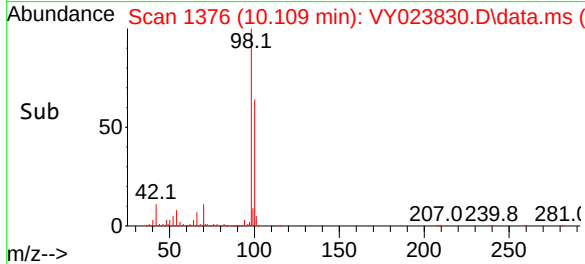
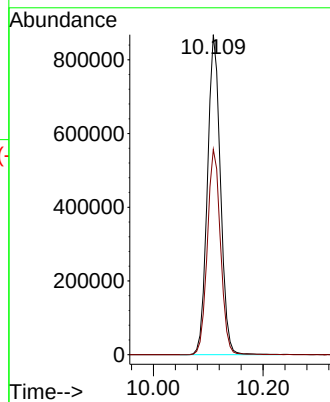
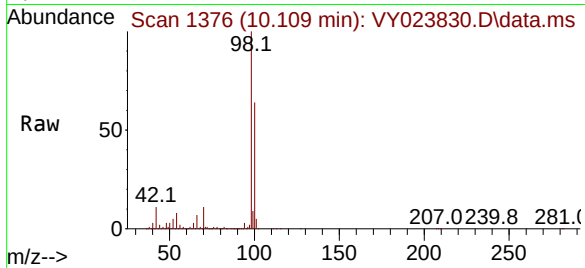




#50
Toluene-d8
Concen: 49.536 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

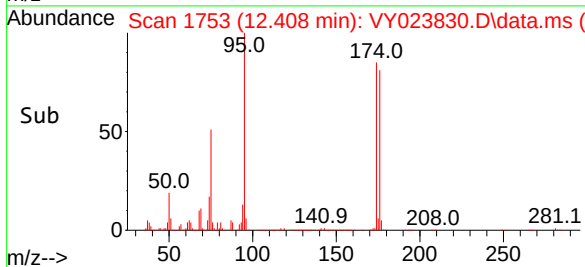
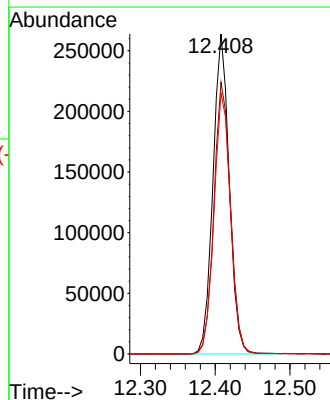
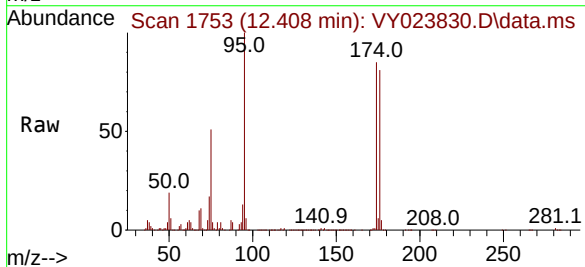
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

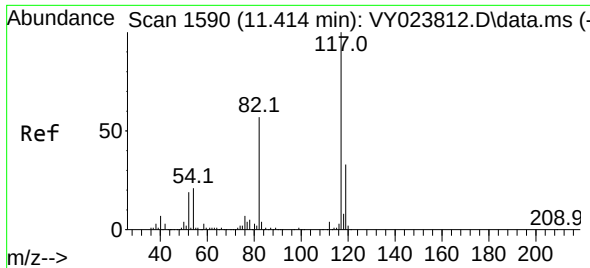
Tgt Ion: 98 Resp: 1423543
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.228 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

Tgt Ion: 95 Resp: 399287
Ion Ratio Lower Upper
95 100
174 86.7 0.0 168.6
176 83.0 0.0 164.6

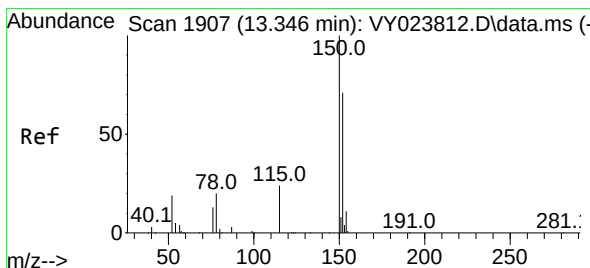
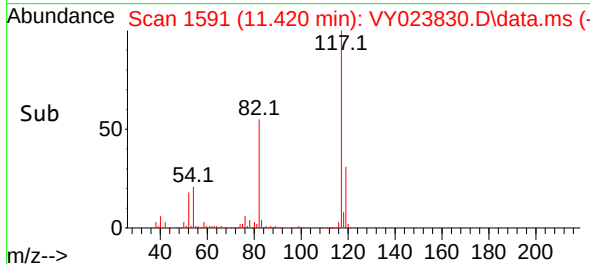
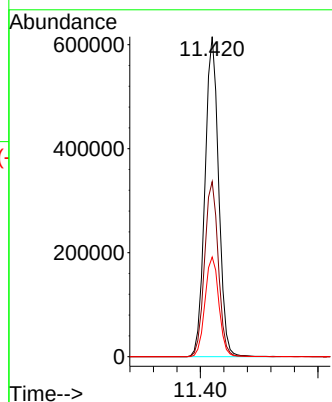
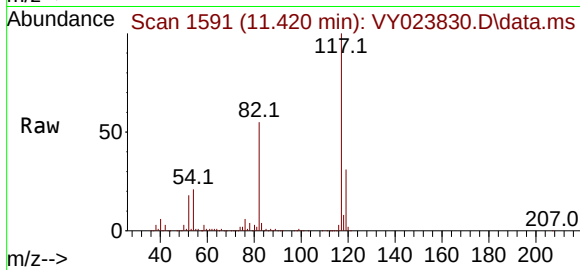




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

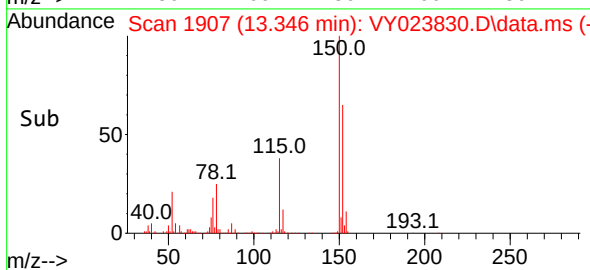
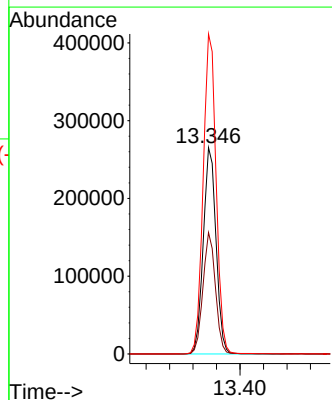
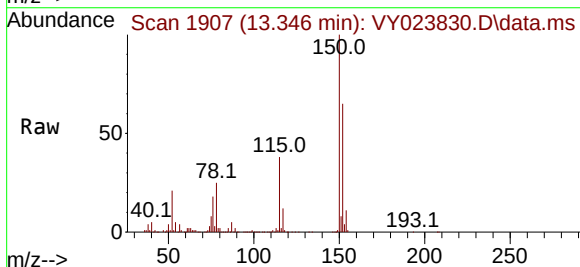
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Tgt Ion:117 Resp: 995220
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 31.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

Tgt Ion:152 Resp: 399677
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.3
150 157.0 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023830.D
Acq On : 01 Dec 2025 09:13
Operator : SY/MD
Sample : VY1201SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

A
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H
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J

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M

Title : SW846 8260

Signal : TIC: VY023830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.640	959	971	977	rBV	512914	1222015	32.91%	6.638%
2	7.713	977	983	997	rVB	922989	2090149	56.29%	11.354%
3	8.067	1028	1041	1054	rBV	512329	1158612	31.20%	6.294%
4	8.622	1122	1132	1151	rBV	1402835	2785988	75.03%	15.134%
5	10.109	1368	1376	1385	rBV	2235133	3713240	100.00%	20.171%
6	11.420	1583	1591	1605	rBV	1839514	3003024	80.87%	16.313%
7	12.408	1745	1753	1766	rBV	1331174	2060538	55.49%	11.193%
8	13.346	1900	1907	1917	rBV	1581696	2375670	63.98%	12.905%

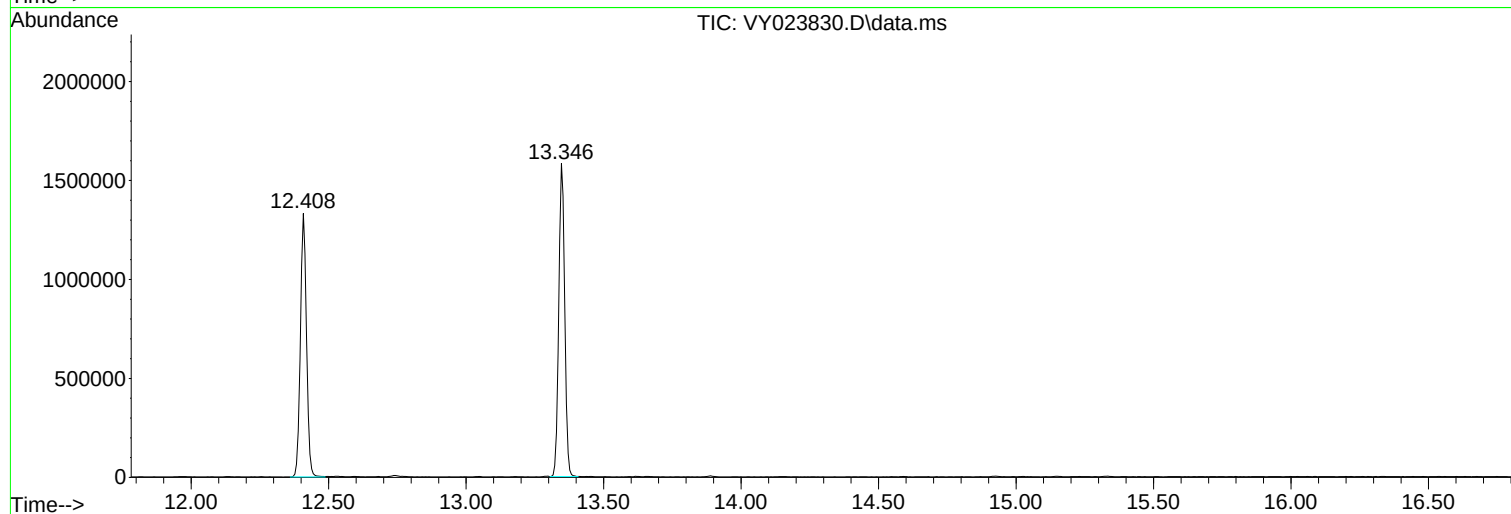
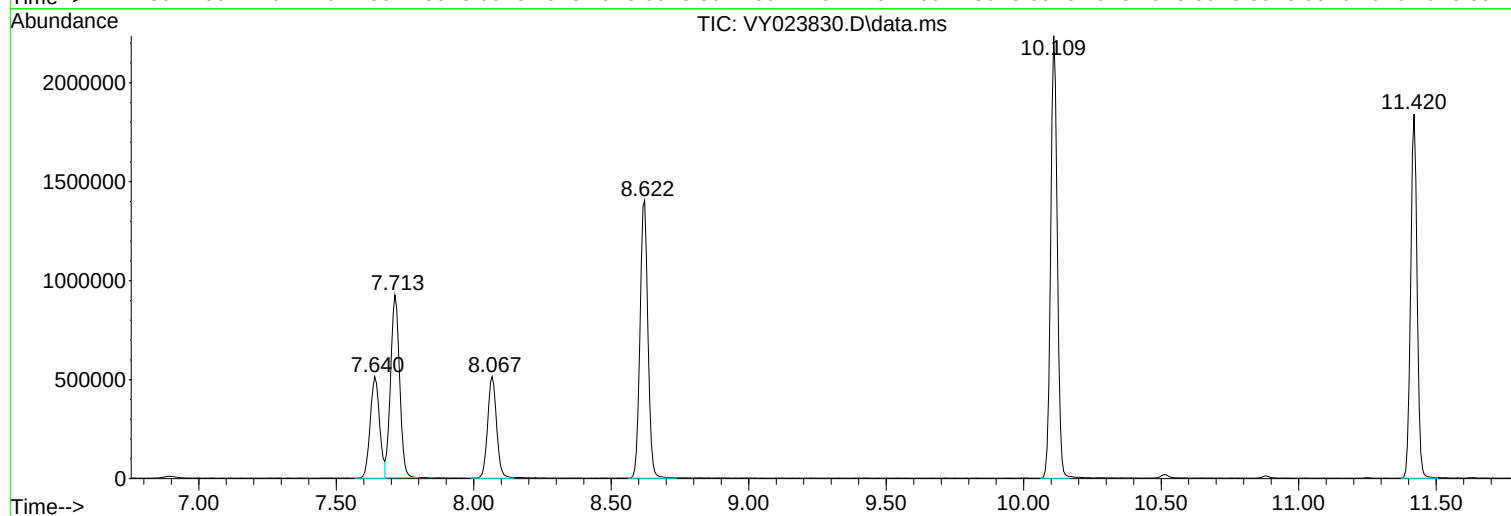
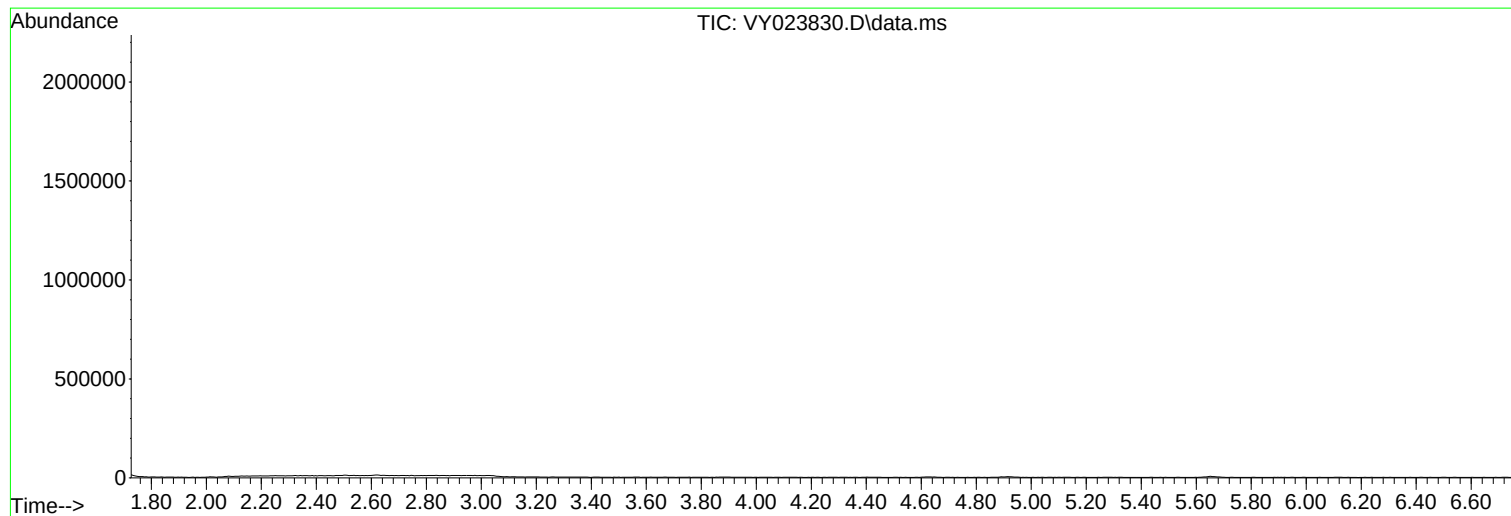
Sum of corrected areas: 18409236

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023830.D
Acq On : 01 Dec 2025 09:13
Operator : SY/MD
Sample : VY1201SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023830.D
Acq On : 01 Dec 2025 09:13
Operator : SY/MD
Sample : VY1201SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023830.D
Acq On : 01 Dec 2025 09:13
Operator : SY/MD
Sample : VY1201SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

A

B

C

D

E

F

G

H

I

J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023831.D
 Acq On : 01 Dec 2025 09:37
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:12:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	535284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	821167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	693280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	360194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	248830	47.734	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.460%		
35) Dibromofluoromethane	7.640	113	245782	50.526	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.060%		
50) Toluene-d8	10.109	98	970281	50.217	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.440%		
62) 4-Bromofluorobenzene	12.408	95	312712	49.188	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89977	22.304	ug/l	98
3) Chloromethane	2.074	50	113977	18.468	ug/l	98
4) Vinyl Chloride	2.214	62	132305	19.818	ug/l	97
5) Bromomethane	2.598	94	91332	19.393	ug/l	98
6) Chloroethane	2.739	64	88723	20.392	ug/l	99
7) Trichlorofluoromethane	3.068	101	197869	21.922	ug/l	97
8) Diethyl Ether	3.458	74	57657	20.282	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	121248	23.016	ug/l	100
10) Methyl Iodide	4.013	142	111306	19.282	ug/l	100
11) Tert butyl alcohol	4.872	59	34349	80.230	ug/l	99
12) 1,1-Dichloroethene	3.793	96	109976	21.220	ug/l	98
13) Acrolein	3.659	56	58063	94.341	ug/l	99
14) Allyl chloride	4.391	41	175485	21.374	ug/l	100
15) Acrylonitrile	5.074	53	130380	106.262	ug/l	99
16) Acetone	3.879	43	178820	119.062	ug/l	99
17) Carbon Disulfide	4.110	76	302314	18.075	ug/l	99
18) Methyl Acetate	4.391	43	53409	18.414	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	272508	20.576	ug/l	98
20) Methylene Chloride	4.629	84	119171	18.768	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	121125	21.109	ug/l	99
22) Diisopropyl ether	6.025	45	393709	22.177	ug/l	99
23) Vinyl Acetate	5.970	43	1063545	107.732	ug/l	100
24) 1,1-Dichloroethane	5.927	63	226397	21.678	ug/l	97
25) 2-Butanone	6.903	43	202591	110.530	ug/l	98
26) 2,2-Dichloropropane	6.890	77	197627	21.349	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	140195	21.039	ug/l	99
28) Bromochloromethane	7.250	49	83277	19.170	ug/l	99
29) Tetrahydrofuran	7.268	42	103454	101.198	ug/l	99
30) Chloroform	7.427	83	230773	21.975	ug/l	100
31) Cyclohexane	7.707	56	210277	20.982	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	208075	22.322	ug/l	99
36) 1,1-Dichloropropene	7.841	75	170161	22.814	ug/l	98
37) Ethyl Acetate	6.988	43	76926	21.927	ug/l	98
38) Carbon Tetrachloride	7.823	117	189158	23.105	ug/l	99
39) Methylcyclohexane	9.110	83	216857	22.015	ug/l	98
40) Benzene	8.085	78	505947	22.043	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023831.D
 Acq On : 01 Dec 2025 09:37
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:12:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36625	20.911	ug/l	96
42) 1,2-Dichloroethane	8.165	62	131688	22.255	ug/l	99
43) Isopropyl Acetate	8.201	43	135465	20.662	ug/l	98
44) Trichloroethene	8.866	130	133143	22.609	ug/l	99
45) 1,2-Dichloropropane	9.146	63	122233	22.587	ug/l	99
46) Dibromomethane	9.238	93	63760	21.713	ug/l	98
47) Bromodichloromethane	9.427	83	170078	22.162	ug/l	98
48) Methyl methacrylate	9.225	41	65192	21.120	ug/l	99
49) 1,4-Dioxane	9.231	88	13950	423.887	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	369864	107.166	ug/l	99
52) Toluene	10.170	92	320816	22.547	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	150627	21.427	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	185024	21.988	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	86396	21.964	ug/l	95
56) Ethyl methacrylate	10.439	69	105292	20.386	ug/l	98
57) 1,3-Dichloropropane	10.719	76	149278	21.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	212318	85.570	ug/l	99
59) 2-Hexanone	10.762	43	291270	114.126	ug/l	98
60) Dibromochloromethane	10.914	129	116254	22.024	ug/l	99
61) 1,2-Dibromoethane	11.018	107	77457	21.214	ug/l	100
64) Tetrachloroethene	10.652	164	153349	23.317	ug/l	96
65) Chlorobenzene	11.444	112	344594	22.644	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	118503	22.922	ug/l	99
67) Ethyl Benzene	11.524	91	594212	22.860	ug/l	97
68) m/p-Xylenes	11.627	106	462889	46.213	ug/l	99
69) o-Xylene	11.957	106	211631	22.537	ug/l	99
70) Styrene	11.969	104	350904	22.684	ug/l	100
71) Bromoform	12.133	173	66096	21.918	ug/l	99
73) Isopropylbenzene	12.255	105	577632	22.596	ug/l	100
74) N-amyl acetate	12.072	43	113778	19.922	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	87761	20.852	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	61026m	19.483	ug/l	
77) Bromobenzene	12.530	156	130000	21.620	ug/l	98
78) n-propylbenzene	12.597	91	707533	22.988	ug/l	99
79) 2-Chlorotoluene	12.682	91	391060	22.077	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	470287	22.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30845	20.814	ug/l	97
82) 4-Chlorotoluene	12.780	91	404596	22.240	ug/l	100
83) tert-Butylbenzene	12.999	119	423201	22.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	466685	22.376	ug/l	100
85) sec-Butylbenzene	13.176	105	637239	23.027	ug/l	99
86) p-Isopropyltoluene	13.292	119	528395	22.843	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	260011	21.576	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	259834	21.601	ug/l	99
89) n-Butylbenzene	13.615	91	482726	22.760	ug/l	99
90) Hexachloroethane	13.877	117	108829	22.393	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	231193	21.939	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13788	19.572	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	130560	20.779	ug/l	99
94) Hexachlorobutadiene	15.023	225	88094	22.514	ug/l	97
95) Naphthalene	15.145	128	208532	19.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	113544	21.218	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023831.D
Acq On : 01 Dec 2025 09:37
Operator : SY/MD
Sample : VY1201SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:12:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

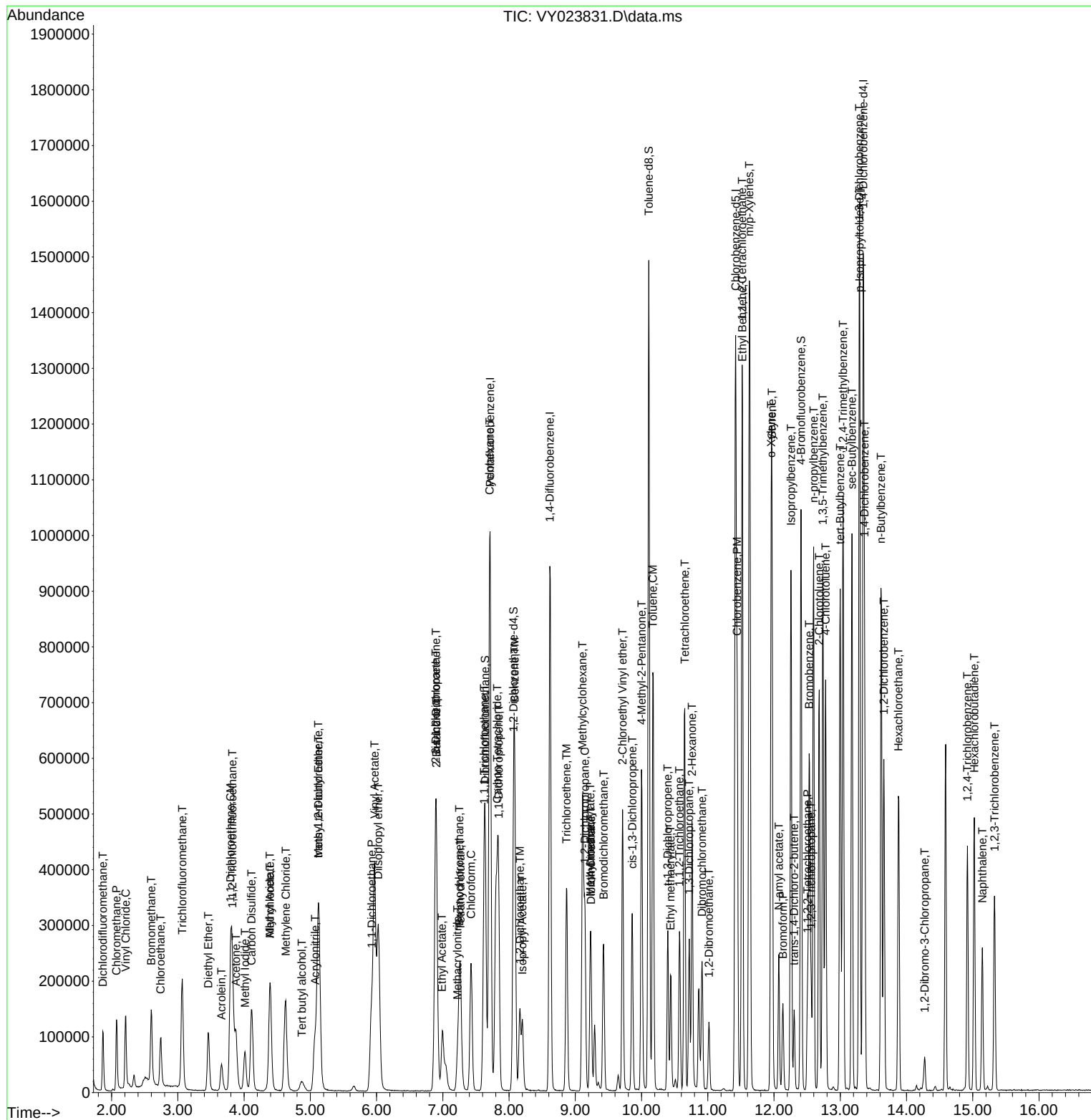
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023831.D
Acq On : 01 Dec 2025 09:37
Operator : SY/MD
Sample : VY12015BS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:12:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023832.D
 Acq On : 01 Dec 2025 10:00
 Operator : SY/MD
 Sample : VY1201SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:13:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	526036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	818117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	695554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	353062	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	245781	47.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.640	113	244714	50.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.109	98	961906	49.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.408	95	306085	48.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	88398	22.298	ug/l	100
3) Chloromethane	2.074	50	113584	18.728	ug/l	98
4) Vinyl Chloride	2.208	62	129763	19.779	ug/l	98
5) Bromomethane	2.598	94	89913	19.427	ug/l	96
6) Chloroethane	2.739	64	86497	20.230	ug/l	98
7) Trichlorofluoromethane	3.062	101	193966	21.867	ug/l	97
8) Diethyl Ether	3.458	74	59159	21.176	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	119754	23.132	ug/l	99
10) Methyl Iodide	4.007	142	114483	20.181	ug/l	100
11) Tert butyl alcohol	4.878	59	38994	92.681	ug/l	98
12) 1,1-Dichloroethene	3.793	96	109088	21.419	ug/l	100
13) Acrolein	3.659	56	52436	86.696	ug/l	99
14) Allyl chloride	4.391	41	173297	21.478	ug/l	100
15) Acrylonitrile	5.067	53	135769	112.600	ug/l	99
16) Acetone	3.872	43	190658	129.176	ug/l	97
17) Carbon Disulfide	4.110	76	296016	18.010	ug/l	99
18) Methyl Acetate	4.397	43	57954	20.332	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	283581	21.788	ug/l	97
20) Methylene Chloride	4.628	84	120089	19.246	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	120293	21.332	ug/l	96
22) Diisopropyl ether	6.031	45	395326	22.660	ug/l	98
23) Vinyl Acetate	5.970	43	1093650	112.730	ug/l	99
24) 1,1-Dichloroethane	5.927	63	225791	22.000	ug/l	97
25) 2-Butanone	6.896	43	220919	122.648	ug/l	99
26) 2,2-Dichloropropane	6.890	77	196626	21.614	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	140774	21.498	ug/l	100
28) Bromochloromethane	7.256	49	83127	19.472	ug/l	99
29) Tetrahydrofuran	7.268	42	110786	110.275	ug/l	99
30) Chloroform	7.427	83	228113	22.104	ug/l	95
31) Cyclohexane	7.707	56	209574	21.279	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	205882	22.475	ug/l	99
36) 1,1-Dichloropropene	7.841	75	167201	22.501	ug/l	99
37) Ethyl Acetate	6.994	43	82518	23.609	ug/l	100
38) Carbon Tetrachloride	7.823	117	181727	22.280	ug/l	97
39) Methylcyclohexane	9.109	83	214053	21.811	ug/l	98
40) Benzene	8.085	78	498139	21.784	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023832.D
 Acq On : 01 Dec 2025 10:00
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 03:13:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	38160	21.869	ug/l	95
42) 1,2-Dichloroethane	8.158	62	132848	22.535	ug/l	99
43) Isopropyl Acetate	8.201	43	144201	22.077	ug/l #	87
44) Trichloroethene	8.866	130	131042	22.335	ug/l	99
45) 1,2-Dichloropropane	9.140	63	122189	22.663	ug/l	98
46) Dibromomethane	9.231	93	65343	22.335	ug/l	99
47) Bromodichloromethane	9.426	83	171533	22.435	ug/l	97
48) Methyl methacrylate	9.225	41	68408	22.244	ug/l	99
49) 1,4-Dioxane	9.237	88	15875	484.179	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	394930	114.855	ug/l	99
52) Toluene	10.170	92	317325	22.385	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	152796	21.816	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	183114	21.842	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	90140	23.001	ug/l	96
56) Ethyl methacrylate	10.438	69	112544	21.871	ug/l	98
57) 1,3-Dichloropropane	10.719	76	153060	22.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	246607	99.760	ug/l	99
59) 2-Hexanone	10.762	43	309938	121.893	ug/l	99
60) Dibromochloromethane	10.914	129	117865	22.413	ug/l	99
61) 1,2-Dibromoethane	11.018	107	80328	22.082	ug/l	99
64) Tetrachloroethene	10.646	164	152218	23.069	ug/l	99
65) Chlorobenzene	11.444	112	338867	22.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	120164	23.167	ug/l	98
67) Ethyl Benzene	11.517	91	590343	22.637	ug/l	99
68) m/p-Xylenes	11.627	106	457077	45.484	ug/l	100
69) o-Xylene	11.956	106	209946	22.284	ug/l	99
70) Styrene	11.969	104	352673	22.724	ug/l	99
71) Bromoform	12.133	173	67224	22.219	ug/l #	99
73) Isopropylbenzene	12.255	105	569849	22.742	ug/l	100
74) N-amyl acetate	12.072	43	121531	21.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	93304	22.617	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61775m	20.120	ug/l	
77) Bromobenzene	12.536	156	132780	22.529	ug/l	99
78) n-propylbenzene	12.597	91	693288	22.981	ug/l	99
79) 2-Chlorotoluene	12.682	91	390507	22.491	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	469631	22.958	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	32372	22.286	ug/l	97
82) 4-Chlorotoluene	12.779	91	406161	22.777	ug/l	99
83) tert-Butylbenzene	12.999	119	417792	22.735	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	464199	22.707	ug/l	100
85) sec-Butylbenzene	13.176	105	626233	23.086	ug/l	100
86) p-Isopropyltoluene	13.292	119	517504	22.824	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	263200	22.282	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	258566	21.930	ug/l	99
89) n-Butylbenzene	13.615	91	477523	22.969	ug/l	98
90) Hexachloroethane	13.883	117	107367	22.538	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	232245	22.484	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15026	21.760	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	133887	21.739	ug/l	98
94) Hexachlorobutadiene	15.023	225	86872	22.650	ug/l	99
95) Naphthalene	15.145	128	219911	21.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	116198	22.153	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023832.D
Acq On : 01 Dec 2025 10:00
Operator : SY/MD
Sample : VY1201SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 03:13:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

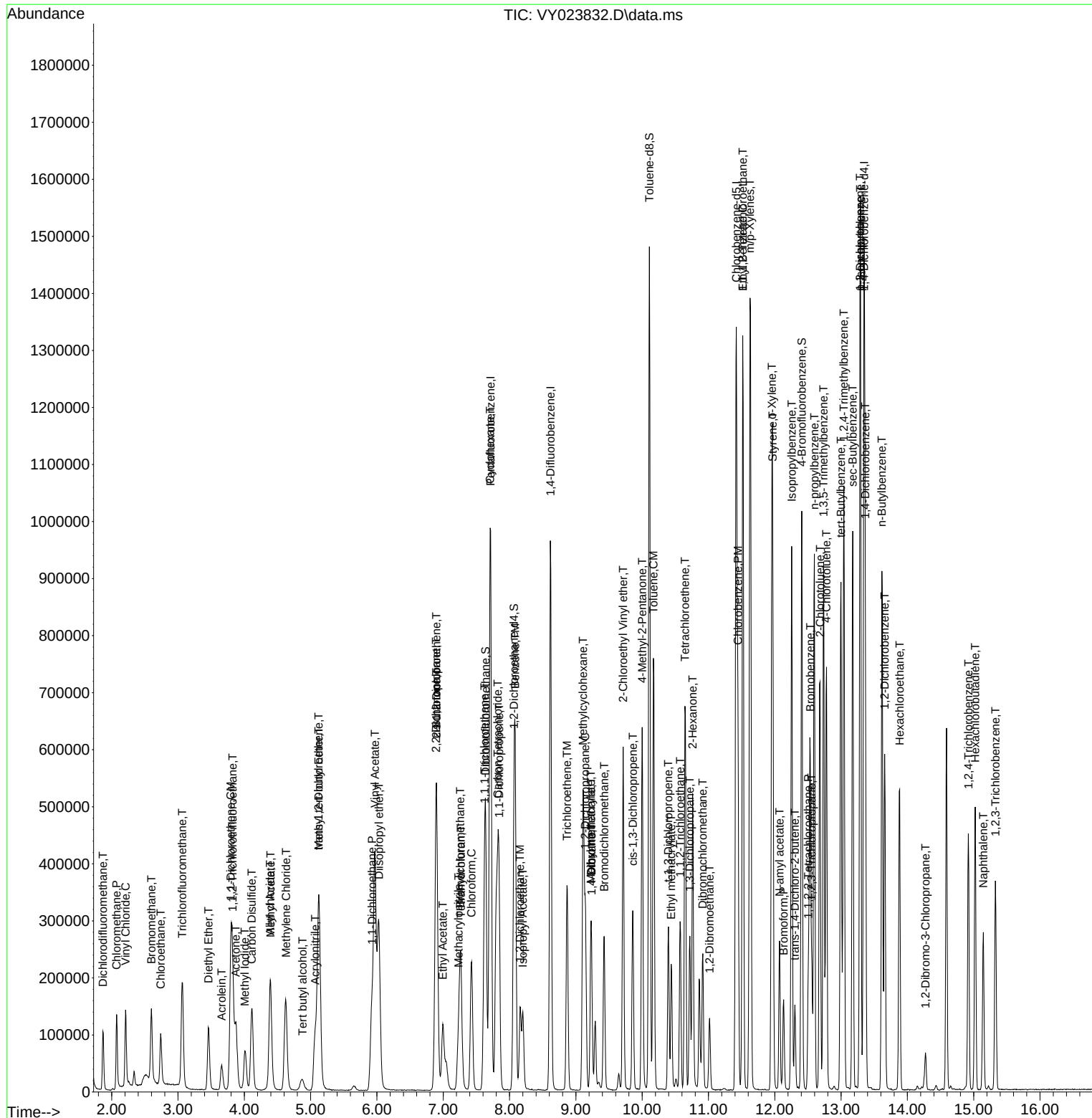
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



Manual Integration Report

Sequence:	VY112625	Instrument	MSVOA_y
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDIC005	VY023809.D	1,2,3-Trichloropropane	sam	12/1/2025 9:09:40 AM	MMDadoda	12/2/2025 8:05:29 AM	Peak Integrated by Software
VSTDIC005	VY023809.D	Methacrylonitrile	sam	12/1/2025 9:09:40 AM	MMDadoda	12/2/2025 8:05:29 AM	Peak Integrated by Software
VSTDIC005	VY023809.D	Tert butyl alcohol	sam	12/1/2025 9:09:40 AM	MMDadoda	12/2/2025 8:05:29 AM	Peak Integrated by Software
VSTDIC010	VY023810.D	1,2,3-Trichloropropane	sam	12/1/2025 9:09:45 AM	MMDadoda	12/2/2025 8:05:32 AM	Peak Integrated by Software
VSTDIC020	VY023811.D	1,2,3-Trichloropropane	sam	12/1/2025 9:44:03 AM	MMDadoda	12/2/2025 8:05:35 AM	Peak Integrated by Software
VSTDICCC050	VY023812.D	1,2,3-Trichloropropane	sam	12/1/2025 9:09:50 AM	MMDadoda	12/2/2025 8:05:40 AM	Peak Integrated by Software
VSTDIC100	VY023813.D	1,2,3-Trichloropropane	sam	12/1/2025 9:46:48 AM	MMDadoda	12/2/2025 8:05:43 AM	Peak Integrated by Software
VSTDIC150	VY023814.D	1,2,3-Trichloropropane	sam	12/1/2025 9:46:53 AM	MMDadoda	12/2/2025 8:05:46 AM	Peak Integrated by Software
VSTDICV050	VY023816.D	1,2,3-Trichloropropane	sam	12/1/2025 9:46:58 AM	MMDadoda	12/2/2025 8:05:50 AM	Peak Integrated by Software
VSTDCCC050	VY023827.D	1,2,3-Trichloropropane	sam	12/1/2025 9:44:22 AM	MMDadoda	12/2/2025 8:06:02 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	VY120125	Instrument	MSVOA_y
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023829.D	1,2,3-Trichloropropane	JOHN	12/2/2025 8:59:44 AM	MMDadoda	12/2/2025 10:15:52 AM	Peak Integrated by Software
VY1201SBS01	VY023831.D	1,2,3-Trichloropropane	JOHN	12/2/2025 8:59:49 AM	MMDadoda	12/2/2025 10:15:59 AM	Peak Integrated by Software
VY1201SBSD0 1	VY023832.D	1,2,3-Trichloropropane	JOHN	12/2/2025 8:59:53 AM	MMDadoda	12/2/2025 10:16:03 AM	Peak Integrated by Software
VSTDCCC050	VY023847.D	1,2,3-Trichloropropane	JOHN	12/2/2025 9:00:02 AM	MMDadoda	12/2/2025 10:16:12 AM	Peak Integrated by Software

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:50:11 AM
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:01 PM
SubDirectory	VY112625	HP Acquire Method	MSVOA_Y
		HP Processing Method	82y112625s.m
STD. NAME	STD REF.#		
Tune/Reschk	VP136432		
Initial Calibration Stds	VP136433,VP136434,VP136435,VP136436,VP136437,VP136438		
CCC	VP136440		
Internal Standard/PEM	VP136146		
ICV/I.BLK	VP136439		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023808.D	26 Nov 2025 07:11	SY/MD	Ok
2	VSTDIC005	VY023809.D	26 Nov 2025 08:04	SY/MD	Ok,M
3	VSTDIC010	VY023810.D	26 Nov 2025 08:27	SY/MD	Ok,M
4	VSTDIC020	VY023811.D	26 Nov 2025 08:49	SY/MD	Ok,M
5	VSTDIC050	VY023812.D	26 Nov 2025 09:17	SY/MD	Ok,M
6	VSTDIC100	VY023813.D	26 Nov 2025 09:39	SY/MD	Ok,M
7	VSTDIC150	VY023814.D	26 Nov 2025 10:02	SY/MD	Ok,M
8	VIBLK	VY023815.D	26 Nov 2025 10:27	SY/MD	Ok
9	VSTDICV050	VY023816.D	26 Nov 2025 10:50	SY/MD	Ok,M
10	VY1126SBL01	VY023817.D	26 Nov 2025 11:13	SY/MD	Ok
11	VY1126SBS01	VY023818.D	26 Nov 2025 11:47	SY/MD	Ok,M
12	VY1126SBS01	VY023819.D	26 Nov 2025 12:09	SY/MD	Ok,M
13	Q3604-04	VY023820.D	26 Nov 2025 12:34	SY/MD	Not Ok
14	Q3604-05	VY023821.D	26 Nov 2025 12:57	SY/MD	Not Ok
15	VIBLK	VY023822.D	26 Nov 2025 13:21	SY/MD	Ok
16	Q3721-01	VY023823.D	26 Nov 2025 13:44	SY/MD	Ok
17	Q3723-01	VY023824.D	26 Nov 2025 14:08	SY/MD	Ok
18	Q3725-04	VY023825.D	26 Nov 2025 14:31	SY/MD	Ok
19	VIBLK	VY023826.D	26 Nov 2025 14:54	SY/MD	Ok
20	VSTDIC050	VY023827.D	26 Nov 2025 15:17	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY120125

Review By	John Carlone	Review On	12/2/2025 9:00:18 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/2/2025 10:16:40 AM		
SubDirectory	VY120125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136454			
CCC		VP136455,VP136456			
Internal Standard/PEM		VP136146			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023828.D	01 Dec 2025 07:24	SY/MD	Ok
2	VSTDCCC050	VY023829.D	01 Dec 2025 07:55	SY/MD	Ok,M
3	VY1201SBL01	VY023830.D	01 Dec 2025 09:13	SY/MD	Ok
4	VY1201SBS01	VY023831.D	01 Dec 2025 09:37	SY/MD	Ok,M
5	VY1201SBSD01	VY023832.D	01 Dec 2025 10:00	SY/MD	Ok,M
6	Q3719-09RE	VY023833.D	01 Dec 2025 10:38	SY/MD	Confirms
7	Q3719-13	VY023834.D	01 Dec 2025 11:25	SY/MD	Ok
8	Q3735-01	VY023835.D	01 Dec 2025 12:02	SY/MD	ReRun
9	Q3740-01	VY023836.D	01 Dec 2025 12:26	SY/MD	Ok
10	Q3741-02	VY023837.D	01 Dec 2025 12:49	SY/MD	Ok
11	Q3741-03	VY023838.D	01 Dec 2025 13:12	SY/MD	Ok
12	Q3741-04	VY023839.D	01 Dec 2025 13:36	SY/MD	ReRun
13	Q3741-05	VY023840.D	01 Dec 2025 13:59	SY/MD	ReRun
14	Q3741-01	VY023841.D	01 Dec 2025 14:23	SY/MD	Ok
15	Q3741-06	VY023842.D	01 Dec 2025 14:46	SY/MD	ReRun
16	Q3742-01	VY023843.D	01 Dec 2025 15:10	SY/MD	Ok
17	Q3742-02	VY023844.D	01 Dec 2025 15:33	SY/MD	Ok
18	Q3742-03	VY023845.D	01 Dec 2025 15:57	SY/MD	Ok
19	Q3742-04	VY023846.D	01 Dec 2025 16:20	SY/MD	Ok
20	VSTDCCC050	VY023847.D	01 Dec 2025 17:47	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:50:11 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:01 PM		
SubDirectory	VY112625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP136432			
Initial Calibration Stds		VP136433,VP136434,VP136435,VP136436,VP136437,VP136438			
CCC		VP136440			
Internal Standard/PEM		VP136146			
ICV/I.BLK		VP136439			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023808.D	26 Nov 2025 07:11		SY/MD	Ok
2	VSTDIC005	VSTDIC005	VY023809.D	26 Nov 2025 08:04		SY/MD	Ok,M
3	VSTDIC010	VSTDIC010	VY023810.D	26 Nov 2025 08:27		SY/MD	Ok,M
4	VSTDIC020	VSTDIC020	VY023811.D	26 Nov 2025 08:49		SY/MD	Ok,M
5	VSTDIC050	VSTDIC050	VY023812.D	26 Nov 2025 09:17		SY/MD	Ok,M
6	VSTDIC100	VSTDIC100	VY023813.D	26 Nov 2025 09:39		SY/MD	Ok,M
7	VSTDIC150	VSTDIC150	VY023814.D	26 Nov 2025 10:02		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023815.D	26 Nov 2025 10:27		SY/MD	Ok
9	VSTDICV050	ICVVY112625	VY023816.D	26 Nov 2025 10:50		SY/MD	Ok,M
10	VY1126SBL01	VY1126SBL01	VY023817.D	26 Nov 2025 11:13		SY/MD	Ok
11	VY1126SBS01	VY1126SBS01	VY023818.D	26 Nov 2025 11:47		SY/MD	Ok,M
12	VY1126SBSD01	VY1126SBSD01	VY023819.D	26 Nov 2025 12:09		SY/MD	Ok,M
13	Q3604-04	S-1	VY023820.D	26 Nov 2025 12:34	not reported,vial A	SY/MD	Not Ok
14	Q3604-05	S-2	VY023821.D	26 Nov 2025 12:57	not reported,vial A	SY/MD	Not Ok
15	VIBLK	VIBLK	VY023822.D	26 Nov 2025 13:21		SY/MD	Ok
16	Q3721-01	EO-2-112525	VY023823.D	26 Nov 2025 13:44	vial A	SY/MD	Ok
17	Q3723-01	CC-1-112525	VY023824.D	26 Nov 2025 14:08	vial A	SY/MD	Ok
18	Q3725-04	STOCKPILE-SAMPLES	VY023825.D	26 Nov 2025 14:31	vial A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:50:11 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:01 PM		
SubDirectory	VY112625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP136432			
Initial Calibration Stds		VP136433,VP136434,VP136435,VP136436,VP136437,VP136438			
CCC		VP136440			
Internal Standard/PEM		VP136146			
ICV/I.BLK		VP136439			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	VIBLK	VIBLK	VY023826.D	26 Nov 2025 14:54		SY/MD	Ok
20	VSTDCCC050	VSTDCCC050EC	VY023827.D	26 Nov 2025 15:17		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120125

Review By	John Carlone	Review On	12/2/2025 9:00:18 AM
Supervise By	Maresh Dadoda	Supervise On	12/2/2025 10:16:40 AM
SubDirectory	VY120125	HP Acquire Method	MSVOA_Y HP Processing Method 82y112625s.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136454		
CCC	VP136455,VP136456		
Internal Standard/PEM	VP136146		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023828.D	01 Dec 2025 07:24		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023829.D	01 Dec 2025 07:55		SY/MD	Ok,M
3	VY1201SBL01	VY1201SBL01	VY023830.D	01 Dec 2025 09:13		SY/MD	Ok
4	VY1201SBS01	VY1201SBS01	VY023831.D	01 Dec 2025 09:37		SY/MD	Ok,M
5	VY1201SBSD01	VY1201SBSD01	VY023832.D	01 Dec 2025 10:00		SY/MD	Ok,M
6	Q3719-09RE	SB-1125-15ARE	VY023833.D	01 Dec 2025 10:38	Internal standard fail;Surrogate fail,vial B	SY/MD	Confirms
7	Q3719-13	SB-1125-17A	VY023834.D	01 Dec 2025 11:25	vial B	SY/MD	Ok
8	Q3735-01	BU-3-112625	VY023835.D	01 Dec 2025 12:02	Internal Standard Fail,vial A	SY/MD	ReRun
9	Q3740-01	WC1	VY023836.D	01 Dec 2025 12:26	vial A	SY/MD	Ok
10	Q3741-02	B50-SP13-112025	VY023837.D	01 Dec 2025 12:49	vial A	SY/MD	Ok
11	Q3741-03	B50-SP14-112025	VY023838.D	01 Dec 2025 13:12	vial A	SY/MD	Ok
12	Q3741-04	B50-SP9-112425	VY023839.D	01 Dec 2025 13:36	Surrogate fail,vial A	SY/MD	ReRun
13	Q3741-05	B50-SP11-112525	VY023840.D	01 Dec 2025 13:59	Internal standard fail;Surrogate fail,vial A	SY/MD	ReRun
14	Q3741-01	B50-SP3-111925	VY023841.D	01 Dec 2025 14:23	vial A	SY/MD	Ok
15	Q3741-06	B50-SP4-112525	VY023842.D	01 Dec 2025 14:46	Internal standard fail;Surrogate fail,vial A	SY/MD	ReRun
16	Q3742-01	SB-1125-23	VY023843.D	01 Dec 2025 15:10	vial A	SY/MD	Ok
17	Q3742-02	SB-1125-19	VY023844.D	01 Dec 2025 15:33	vial A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120125

Review By	John Carlone	Review On	12/2/2025 9:00:18 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/2/2025 10:16:40 AM		
SubDirectory	VY120125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP136454
CCC	VP136455,VP136456
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3742-03	SB-1125-8	VY023845.D	01 Dec 2025 15:57	vial A	SY/MD	Ok
19	Q3742-04	SB-1125-9	VY023846.D	01 Dec 2025 16:20	vial A	SY/MD	Ok
20	VSTDCCC050	VSTDCCC050EC	VY023847.D	01 Dec 2025 17:47		SY/MD	Ok,M

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3740	OrderDate:	11/26/2025 4:30:00 PM
Client:	G Environmental	Project:	Diamond
Contact:	Gary Landis	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	WC1	SOIL	VOC-TCLVOA-10	8260D	11/26/25		12/01/25	11/26/25

Hit Summary Sheet SW-846

SDG No.: Q3740
Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q3740-01	WC1	SOIL	Phenanthrene	220.000		23.2	190	ug/Kg
Q3740-01	WC1	SOIL	Fluoranthene	430.000		33.3	190	ug/Kg
Q3740-01	WC1	SOIL	Pyrene	290.000		40	190	ug/Kg
Q3740-01	WC1	SOIL	Benzo(a)anthracene	250.000		25.5	190	ug/Kg
Q3740-01	WC1	SOIL	Chrysene	210.000		22.1	190	ug/Kg
Q3740-01	WC1	SOIL	Benzo(b)fluoranthene	280.000		21.1	190	ug/Kg
Q3740-01	WC1	SOIL	Benzo(k)fluoranthene	95.200	J	24.9	190	ug/Kg
Q3740-01	WC1	SOIL	Benzo(a)pyrene	210.000		32.7	190	ug/Kg
Q3740-01	WC1	SOIL	Indeno(1,2,3-cd)pyrene	76.100	J	32.3	190	ug/Kg
Q3740-01	WC1	SOIL	Benzo(g,h,i)perylene	76.000	J	28.5	190	ug/Kg
Total Svoc :				2,137.30				
Q3740-01	WC1	SOIL	Benzo[e]pyrene	*	88.800	J 0	0	ug/Kg
Q3740-01	WC1	SOIL	Benzophenone	*	270.000	J 0	0	ug/Kg
Q3740-01	WC1	SOIL	n-Hexadecanoic acid	*	500.000	J 0	0	ug/Kg
Q3740-01	WC1	SOIL	Nonadecane	*	160.000	J 0	0	ug/Kg
Q3740-01	WC1	SOIL	Hexadecane	*	160.000	J 0	0	ug/Kg
Q3740-01	WC1	SOIL	Squalene	*	310.000	J 0	0	ug/Kg
Total Tics :				1,488.80				
Total Concentration:				3,626.10				



SAMPLE DATA

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: WC1
 Lab Sample ID: Q3740-01
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 12/01/25

Date Collected: 11/26/25
 Date Received: 11/26/25
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 90
 Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	170	U	1	170	370	ug/Kg	12/01/25 15:15	PB170763
108-95-2	Phenol	24.5	U	1	24.5	190	ug/Kg	12/01/25 15:15	PB170763
111-44-4	bis(2-Chloroethyl)ether	27.0	U	1	27.0	190	ug/Kg	12/01/25 15:15	PB170763
95-57-8	2-Chlorophenol	27.1	U	1	27.1	190	ug/Kg	12/01/25 15:15	PB170763
95-48-7	2-Methylphenol	33.2	U	1	33.2	190	ug/Kg	12/01/25 15:15	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	41.6	U	1	41.6	190	ug/Kg	12/01/25 15:15	PB170763
98-86-2	Acetophenone	32.7	U	1	32.7	190	ug/Kg	12/01/25 15:15	PB170763
65794-96-9	3+4-Methylphenols	45.6	U	1	45.6	370	ug/Kg	12/01/25 15:15	PB170763
621-64-7	n-Nitroso-di-n-propylamine	52.6	U	1	52.6	88.8	ug/Kg	12/01/25 15:15	PB170763
67-72-1	Hexachloroethane	19.5	U	1	19.5	190	ug/Kg	12/01/25 15:15	PB170763
98-95-3	Nitrobenzene	20.3	U	1	20.3	190	ug/Kg	12/01/25 15:15	PB170763
78-59-1	Isophorone	36.4	U	1	36.4	190	ug/Kg	12/01/25 15:15	PB170763
88-75-5	2-Nitrophenol	64.6	U	1	64.6	190	ug/Kg	12/01/25 15:15	PB170763
105-67-9	2,4-Dimethylphenol	71.9	U	1	71.9	190	ug/Kg	12/01/25 15:15	PB170763
111-91-1	bis(2-Chloroethoxy)methane	34.2	U	1	34.2	190	ug/Kg	12/01/25 15:15	PB170763
120-83-2	2,4-Dichlorophenol	31.4	U	1	31.4	190	ug/Kg	12/01/25 15:15	PB170763
91-20-3	Naphthalene	25.2	U	1	25.2	190	ug/Kg	12/01/25 15:15	PB170763
106-47-8	4-Chloroaniline	39.3	U	1	39.3	190	ug/Kg	12/01/25 15:15	PB170763
87-68-3	Hexachlorobutadiene	28.1	U	1	28.1	190	ug/Kg	12/01/25 15:15	PB170763
105-60-2	Caprolactam	57.8	U	1	57.8	370	ug/Kg	12/01/25 15:15	PB170763
59-50-7	4-Chloro-3-methylphenol	31.9	U	1	31.9	190	ug/Kg	12/01/25 15:15	PB170763
91-57-6	2-Methylnaphthalene	28.4	U	1	28.4	190	ug/Kg	12/01/25 15:15	PB170763
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	370	ug/Kg	12/01/25 15:15	PB170763
88-06-2	2,4,6-Trichlorophenol	22.0	U	1	22.0	190	ug/Kg	12/01/25 15:15	PB170763
95-95-4	2,4,5-Trichlorophenol	32.3	U	1	32.3	190	ug/Kg	12/01/25 15:15	PB170763
92-52-4	1,1-Biphenyl	24.2	U	1	24.2	190	ug/Kg	12/01/25 15:15	PB170763
91-58-7	2-Chloronaphthalene	25.0	U	1	25.0	190	ug/Kg	12/01/25 15:15	PB170763
88-74-4	2-Nitroaniline	53.4	U	1	53.4	190	ug/Kg	12/01/25 15:15	PB170763
131-11-3	Dimethylphthalate	30.1	U	1	30.1	190	ug/Kg	12/01/25 15:15	PB170763
208-96-8	Acenaphthylene	32.1	U	1	32.1	190	ug/Kg	12/01/25 15:15	PB170763
606-20-2	2,6-Dinitrotoluene	37.3	U	1	37.3	190	ug/Kg	12/01/25 15:15	PB170763
99-09-2	3-Nitroaniline	51.1	U	1	51.1	190	ug/Kg	12/01/25 15:15	PB170763
83-32-9	Acenaphthene	23.6	U	1	23.6	190	ug/Kg	12/01/25 15:15	PB170763
51-28-5	2,4-Dinitrophenol	250	U	1	250	370	ug/Kg	12/01/25 15:15	PB170763
100-02-7	4-Nitrophenol	120	U	1	120	370	ug/Kg	12/01/25 15:15	PB170763
132-64-9	Dibenzofuran	25.2	U	1	25.2	190	ug/Kg	12/01/25 15:15	PB170763
121-14-2	2,4-Dinitrotoluene	55.6	U	1	55.6	190	ug/Kg	12/01/25 15:15	PB170763
84-66-2	Diethylphthalate	31.4	U	1	31.4	190	ug/Kg	12/01/25 15:15	PB170763
7005-72-3	4-Chlorophenyl-phenylether	29.6	U	1	29.6	190	ug/Kg	12/01/25 15:15	PB170763
86-73-7	Fluorene	28.1	U	1	28.1	190	ug/Kg	12/01/25 15:15	PB170763
100-01-6	4-Nitroaniline	71.3	U	1	71.3	190	ug/Kg	12/01/25 15:15	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1	110	370	ug/Kg	12/01/25 15:15	PB170763

Report of Analysis

Client:	G Environmental		Date Collected:	11/26/25
Project:	Diamond		Date Received:	11/26/25
Client Sample ID:	WC1		SDG No.:	Q3740
Lab Sample ID:	Q3740-01		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	90
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	36.5	U	1	36.5	190	ug/Kg	12/01/25 15:15	PB170763
101-55-3	4-Bromophenyl-phenylether	30.9	U	1	30.9	190	ug/Kg	12/01/25 15:15	PB170763
118-74-1	Hexachlorobenzene	28.1	U	1	28.1	190	ug/Kg	12/01/25 15:15	PB170763
1912-24-9	Atrazine	37.7	U	1	37.7	190	ug/Kg	12/01/25 15:15	PB170763
87-86-5	Pentachlorophenol	56.9	U	1	56.9	370	ug/Kg	12/01/25 15:15	PB170763
85-01-8	Phenanthrene	220		1	23.2	190	ug/Kg	12/01/25 15:15	PB170763
120-12-7	Anthracene	37.0	U	1	37.0	190	ug/Kg	12/01/25 15:15	PB170763
86-74-8	Carbazole	34.6	U	1	34.6	190	ug/Kg	12/01/25 15:15	PB170763
84-74-2	Di-n-butylphthalate	53.2	U	1	53.2	190	ug/Kg	12/01/25 15:15	PB170763
206-44-0	Fluoranthene	430		1	33.3	190	ug/Kg	12/01/25 15:15	PB170763
129-00-0	Pyrene	290		1	40.0	190	ug/Kg	12/01/25 15:15	PB170763
85-68-7	Butylbenzylphthalate	79.3	U	1	79.3	190	ug/Kg	12/01/25 15:15	PB170763
91-94-1	3,3-Dichlorobenzidine	40.7	U	1	40.7	370	ug/Kg	12/01/25 15:15	PB170763
56-55-3	Benzo(a)anthracene	250		1	25.5	190	ug/Kg	12/01/25 15:15	PB170763
218-01-9	Chrysene	210		1	22.1	190	ug/Kg	12/01/25 15:15	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	65.7	U	1	65.7	190	ug/Kg	12/01/25 15:15	PB170763
117-84-0	Di-n-octyl phthalate	96.3	U	1	96.3	370	ug/Kg	12/01/25 15:15	PB170763
205-99-2	Benzo(b)fluoranthene	280		1	21.1	190	ug/Kg	12/01/25 15:15	PB170763
207-08-9	Benzo(k)fluoranthene	95.2	J	1	24.9	190	ug/Kg	12/01/25 15:15	PB170763
50-32-8	Benzo(a)pyrene	210		1	32.7	190	ug/Kg	12/01/25 15:15	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	76.1	J	1	32.3	190	ug/Kg	12/01/25 15:15	PB170763
53-70-3	Dibenzo(a,h)anthracene	30.4	U	1	30.4	190	ug/Kg	12/01/25 15:15	PB170763
191-24-2	Benzo(g,h,i)perylene	76.0	J	1	28.5	190	ug/Kg	12/01/25 15:15	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	28.4	U	1	28.4	190	ug/Kg	12/01/25 15:15	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	30.4	U	1	30.4	190	ug/Kg	12/01/25 15:15	PB170763

SURROGATES

367-12-4	2-Fluorophenol	81.7			10 - 105	54%	SPK: 150
13127-88-3	Phenol-d6	82.6			10 - 103	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.3			10 - 108	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.8			10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.1			10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	44.9			10 - 109	45%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	52900
1146-65-2	Naphthalene-d8	191000
15067-26-2	Acenaphthene-d10	101000
1517-22-2	Phenanthrene-d10	154000
1719-03-5	Chrysene-d12	134000
1520-96-3	Perylene-d12	167000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	270	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	500	J	11.9	ug/Kg
000544-76-3	Hexadecane	160	J	13.5	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	WC1	SDG No.:	Q3740
Lab Sample ID:	Q3740-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000111-02-4	Squalene	310	J			13.6	ug/Kg		
000629-92-5	Nonadecane	160	J			14.6	ug/Kg		
000192-97-2	Benzo[e]pyrene	88.8	J			15.4	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q3740**

Client: **G Environmental**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170763BL	PB170763BL	2-Fluorophenol	150	113	75		10	105
		Phenol-d6	150	112	75		10	103
		Nitrobenzene-d5	100	75.1	75		10	108
		2-Fluorobiphenyl	100	74.6	75		10	108
		2,4,6-Tribromophenol	150	106	71		10	116
		Terphenyl-d14	100	73.6	74		10	109
PB170763BS	PB170763BS	2-Fluorophenol	150	113	75		10	105
		Phenol-d6	150	112	75		10	103
		Nitrobenzene-d5	100	78.2	78		10	108
		2-Fluorobiphenyl	100	79.5	80		10	108
		2,4,6-Tribromophenol	150	104	70		10	116
		Terphenyl-d14	100	69.5	69		10	109
Q3735-01MS	BU-3-112625MS	2-Fluorophenol	150	70.0	47		10	105
		Phenol-d6	150	64.8	43		10	103
		Nitrobenzene-d5	100	49.9	50		10	108
		2-Fluorobiphenyl	100	46.0	46		10	108
		2,4,6-Tribromophenol	150	70.1	47		10	116
		Terphenyl-d14	100	35.9	36		10	109
Q3735-01MSD	BU-3-112625MSD	2-Fluorophenol	150	68.8	46		10	105
		Phenol-d6	150	65.5	44		10	103
		Nitrobenzene-d5	100	48.2	48		10	108
		2-Fluorobiphenyl	100	43.6	44		10	108
		2,4,6-Tribromophenol	150	71.8	48		10	116
		Terphenyl-d14	100	36.7	37		10	109
Q3740-01	WC1	2-Fluorophenol	150	81.7	54		10	105
		Phenol-d6	150	82.6	55		10	103
		Nitrobenzene-d5	100	58.3	58		10	108
		2-Fluorobiphenyl	100	58.8	59		10	108
		2,4,6-Tribromophenol	150	68.1	45		10	116
		Terphenyl-d14	100	44.9	45		10	109

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3740

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF144392.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3735-01MS		Client Sample ID: BU-3-112625MS									
Benzaldehyde	1200	0	790	ug/Kg	66				20	111	
Phenol	1200	0	990	ug/Kg	83				51	122	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				67	110	
2-Chlorophenol	1200	0	1000	ug/Kg	83				67	119	
2-Methylphenol	1200	0	970	ug/Kg	81				68	116	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				59	113	
Acetophenone	1200	0	1200	ug/Kg	100				55	128	
3+4-Methylphenols	1200	0	970	ug/Kg	81				70	111	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				59	119	
Hexachloroethane	1200	0	1000	ug/Kg	83				65	115	
Nitrobenzene	1200	0	1100	ug/Kg	92				66	120	
Isophorone	1200	0	1100	ug/Kg	92				67	113	
2-Nitrophenol	1200	0	1100	ug/Kg	92				69	135	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1200	0	1200	ug/Kg	100				70	112	
2,4-Dichlorophenol	1200	0	990	ug/Kg	83				70	121	
Naphthalene	1200	0	1100	ug/Kg	92				66	113	
4-Chloroaniline	1200	0	310	ug/Kg	26				10	100	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				67	118	
Caprolactam	1200	0	1000	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200	0	940	ug/Kg	78				71	118	
2-Methylnaphthalene	1200	0	940	ug/Kg	78				59	123	
Hexachlorocyclopentadiene	2300	0	1000	ug/Kg	43				16	175	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				67	128	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				69	123	
1,1-Biphenyl	1200	0	1200	ug/Kg	100				69	126	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				71	113	
2-Nitroaniline	1200	0	1100	ug/Kg	92				73	125	
Dimethylphthalate	1200	0	1200	ug/Kg	100				72	116	
Acenaphthylene	1200	0	1300	ug/Kg	108				69	128	
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100				67	141	
3-Nitroaniline	1200	0	800	ug/Kg	67				28	102	
Acenaphthene	1200	0	1000	ug/Kg	83				70	121	
2,4-Dinitrophenol	2300	0	1300	ug/Kg	57				10	164	
4-Nitrophenol	2300	0	2200	ug/Kg	96				49	133	
Dibenzofuran	1200	0	1100	ug/Kg	92				71	111	
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100				73	130	
Diethylphthalate	1200	0	1200	ug/Kg	100				73	116	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				72	112	
Fluorene	1200	0	1200	ug/Kg	100				67	114	
4-Nitroaniline	1200	0	1100	ug/Kg	92				61	128	
4,6-Dinitro-2-methylphenol	1200	0	630	ug/Kg	52				25	163	
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92				73	118	
4-Bromophenyl-phenylether	1200	0	990	ug/Kg	83				65	121	
Hexachlorobenzene	1200	0	1000	ug/Kg	83				67	118	
Atrazine	1200	0	1200	ug/Kg	100				79	127	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3740

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF144392.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2300	0	2200	ug/Kg	96				39	145	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Carbazole	1200	0	1200	ug/Kg	100				73	115	
Di-n-butylphthalate	1200	0	1300	ug/Kg	108				72	129	
Fluoranthene	1200	0	1400	ug/Kg	117				31	152	
Pyrene	1200	0	960	ug/Kg	80				37	122	
Butylbenzylphthalate	1200	0	1200	ug/Kg	100				59	151	
3,3-Dichlorobenzidine	1200	0	760	ug/Kg	63				10	116	
Benzo(a)anthracene	1200	0	1200	ug/Kg	100				53	119	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108				64	139	
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100				51	156	
Benzo(b)fluoranthene	1200	0	1400	ug/Kg	117				52	117	
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108				57	134	
Benzo(a)pyrene	1200	0	1200	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	880	ug/Kg	73				48	129	
Dibenz(a,h)anthracene	1200	0	900	ug/Kg	75				43	123	
Benzo(g,h,i)perylene	1200	0	900	ug/Kg	75				40	133	
1,2,4,5-Tetrachlorobenzene	1200	0	1200	ug/Kg	100				65	132	
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92				56	141	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3740

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF144393.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3735-01MSD		Client Sample ID: BU-3-112625MSD									
Benzaldehyde	1200	0	810	ug/Kg	68		3		20	111	20
Phenol	1200	0	970	ug/Kg	81		2		51	122	20
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		67	110	20
2-Chlorophenol	1200	0	1000	ug/Kg	83		0		67	119	20
2-Methylphenol	1200	0	950	ug/Kg	79		3		68	116	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		59	113	20
Acetophenone	1200	0	1200	ug/Kg	100		0		55	128	20
3+4-Methylphenols	1200	0	970	ug/Kg	81		0		70	111	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200	0	980	ug/Kg	82		1		65	115	20
Nitrobenzene	1200	0	1100	ug/Kg	92		0		66	120	20
Isophorone	1200	0	1100	ug/Kg	92		0		67	113	20
2-Nitrophenol	1200	0	1200	ug/Kg	100		8		69	135	16
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100		0		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		8		70	112	20
2,4-Dichlorophenol	1200	0	1000	ug/Kg	83		0		70	121	20
Naphthalene	1200	0	1100	ug/Kg	92		0		66	113	20
4-Chloroaniline	1200	0	360	ug/Kg	30		14		10	100	25
Hexachlorobutadiene	1200	0	1000	ug/Kg	83		10		67	118	16
Caprolactam	1200	0	1000	ug/Kg	83		0		51	134	25
4-Chloro-3-methylphenol	1200	0	950	ug/Kg	79		1		71	118	20
2-Methylnaphthalene	1200	0	930	ug/Kg	78		0		59	123	20
Hexachlorocyclopentadiene	2300	0	800	ug/Kg	35		21	*	16	175	20
2,4,6-Trichlorophenol	1200	0	1000	ug/Kg	83		10		67	128	16
2,4,5-Trichlorophenol	1200	0	1000	ug/Kg	83		10		69	123	16
1,1-Biphenyl	1200	0	1100	ug/Kg	92		8		69	126	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		71	113	20
2-Nitroaniline	1200	0	1100	ug/Kg	92		0		73	125	16
Dimethylphthalate	1200	0	1100	ug/Kg	92		8		72	116	20
Acenaphthylene	1200	0	1200	ug/Kg	100		8		69	128	15
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		67	141	20
3-Nitroaniline	1200	0	770	ug/Kg	64		5		28	102	20
Acenaphthene	1200	0	980	ug/Kg	82		1		70	121	16
2,4-Dinitrophenol	2300	0	900	ug/Kg	39		38	*	10	164	30
4-Nitrophenol	2300	0	2300	ug/Kg	100		4		49	133	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		71	111	20
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		73	130	20
Diethylphthalate	1200	0	1100	ug/Kg	92		8		73	116	20
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83		10		72	112	20
Fluorene	1200	0	1200	ug/Kg	100		0		67	114	20
4-Nitroaniline	1200	0	1100	ug/Kg	92		0		61	128	20
4,6-Dinitro-2-methylphenol	1200	0	520	ug/Kg	43		19		25	163	30
N-Nitrosodiphenylamine	1200	0	1000	ug/Kg	83		10		73	118	20
4-Bromophenyl-phenylether	1200	0	960	ug/Kg	80		4		65	121	20
Hexachlorobenzene	1200	0	1000	ug/Kg	83		0		67	118	20
Atrazine	1200	0	1200	ug/Kg	100		0		79	127	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3740

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF144393.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2300	0	2300	ug/Kg	100		4		39	145	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		0		62	124	20
Carbazole	1200	0	1200	ug/Kg	100		0		73	115	20
Di-n-butylphthalate	1200	0	1300	ug/Kg	108		0		72	129	20
Fluoranthene	1200	0	1400	ug/Kg	117		0		31	152	20
Pyrene	1200	0	1000	ug/Kg	83		4		37	122	27
Butylbenzylphthalate	1200	0	1200	ug/Kg	100		0		59	151	20
3,3-Dichlorobenzidine	1200	0	820	ug/Kg	68		8		10	116	20
Benzo(a)anthracene	1200	0	1200	ug/Kg	100		0		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108		0		64	139	20
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100		0		51	156	20
Benzo(b)fluoranthene	1200	0	1300	ug/Kg	108		8		52	117	20
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		0		57	134	20
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	890	ug/Kg	74		1		48	129	20
Dibenz(a,h)anthracene	1200	0	900	ug/Kg	75		0		43	123	20
Benzo(g,h,i)perylene	1200	0	890	ug/Kg	74		1		40	133	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		8		65	132	20
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92		0		56	141	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3740

Analytical Method: 8270E

Client: G Environmental

DataFile: BF144386.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170763BS	Benzaldehyde	1700	1300	ug/Kg	76				10	133	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1400	ug/Kg	82				74	105	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				75	100	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				75	113	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				61	130	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	820	ug/Kg	48				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				68	108	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				74	106	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	2500	ug/Kg	76				45	165	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				74	110	
	1,1-Biphenyl	1700	1600	ug/Kg	94				71	110	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70	103	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				76	101	
	Acenaphthylene	1700	1600	ug/Kg	94				76	111	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				78	116	
	3-Nitroaniline	1700	990	ug/Kg	58				28	100	
	Acenaphthene	1700	1300	ug/Kg	76				73	105	
	2,4-Dinitrophenol	3300	2400	ug/Kg	73				59	137	
	4-Nitrophenol	3300	2100	ug/Kg	64				60	124	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				78	115	
	Diethylphthalate	1700	1300	ug/Kg	76				76	104	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				73	101	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	4-Nitroaniline	1700	1200	ug/Kg	71				64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3740</u>	Analytical Method: <u>8270E</u>
Client: <u>G Environmental</u>	DataFile: <u>BF144386.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170763BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1400	ug/Kg	82				71	122	
	Pentachlorophenol	3300	2600	ug/Kg	79				56	129	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1400	ug/Kg	82				75	103	
	Carbazole	1700	1400	ug/Kg	82				76	103	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				76	110	
	Fluoranthene	1700	1400	ug/Kg	82				73	105	
	Pyrene	1700	1200	ug/Kg	71				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				75	120	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				31	94	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				75	104	
	Chrysene	1700	1500	ug/Kg	88				75	103	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				77	113	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				76	110	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				75	108	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				71	118	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170763BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab File ID: BF144385.D

Lab Sample ID: PB170763BL

Instrument ID: BNA_F

Date Extracted: 12/01/2025

Matrix: (soil/water) SOIL

Date Analyzed: 12/01/2025

Level: (low/med) LOW

Time Analyzed: 14:11

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170763BS	PB170763BS	BF144386.D	12/01/2025
WC1	Q3740-01	BF144387.D	12/01/2025
BU-3-112625MS	Q3735-01MS	BF144392.D	12/01/2025
BU-3-112625MSD	Q3735-01MSD	BF144393.D	12/01/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: GENV01
SDG NO.: Q3740
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	82.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144381.D
Instrument ID: BNA_F

Contract: GENV01
SDG NO.: Q3740
DFTPP Injection Date: 12/01/2025
DFTPP Injection Time: 12:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	85.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18 (18) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144382.D	12/01/2025	12:41
PB170763BL	PB170763BL	BF144385.D	12/01/2025	14:11
PB170763BS	PB170763BS	BF144386.D	12/01/2025	14:40
WC1	Q3740-01	BF144387.D	12/01/2025	15:15
BU-3-112625MS	Q3735-01MS	BF144392.D	12/01/2025	17:43
BU-3-112625MSD	Q3735-01MSD	BF144393.D	12/01/2025	18:12

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3740

Client ID : SSTDCCC040

Date Analyzed: 12/01/2025

Lab File ID: BF144382.D

Time Analyzed: 12:41

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	58717	6.863	221118	8.15	119295	9.90
UPPER LIMIT	117434	7.363	442236	8.645	238590	10.404
LOWER LIMIT	29358.5	6.363	110559	7.645	59647.5	9.404
EPA SAMPLE NO.						
01 BU-3-112625MS	49538	6.86	162841	8.15	75668	9.90
02 BU-3-112625MSD	47026	6.86	155006	8.15	78597	9.90
03 WC1	52921	6.86	191478	8.14	101201	9.90
04 PB170763BL	58345	6.86	230427	8.15	129664	9.90
05 PB170763BS	56637	6.86	215029	8.15	112964	9.90

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3740

Client ID: SSTDCCC040

Date Analyzed: 12/01/2025

Lab File ID: BF144382.D

Time Analyzed: 12:41

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	191565	11.398	137289	14.045	182291	15.527
UPPER LIMIT	383130	11.898	274578	14.545	364582	16.027
LOWER LIMIT	95782.5	10.898	68644.5	13.545	91145.5	15.027
EPA SAMPLE NO.						
01 BU-3-112625MS	143189	11.39	136669	14.05	107138	15.53
02 BU-3-112625MSD	150269	11.39	135484	14.05	106852	15.53
03 WC1	153674	11.39	133822	14.05	166729	15.53
04 PB170763BL	226587	11.39	143527	14.05	171385	15.53
05 PB170763BS	172015	11.39	126792	14.05	157195	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170763BL	SDG No.:	Q3740
Lab Sample ID: PB170763BL	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.02 g	Test:	SVOC-TCL BNA
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	12/01/25 14:11	PB170763
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	12/01/25 14:11	PB170763
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	12/01/25 14:11	PB170763
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	12/01/25 14:11	PB170763
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	12/01/25 14:11	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	12/01/25 14:11	PB170763
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	12/01/25 14:11	PB170763
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	12/01/25 14:11	PB170763
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	79.9	ug/Kg	12/01/25 14:11	PB170763
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	12/01/25 14:11	PB170763
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	12/01/25 14:11	PB170763
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	12/01/25 14:11	PB170763
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	12/01/25 14:11	PB170763
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	12/01/25 14:11	PB170763
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	12/01/25 14:11	PB170763
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	12/01/25 14:11	PB170763
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	12/01/25 14:11	PB170763
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	12/01/25 14:11	PB170763
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	12/01/25 14:11	PB170763
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	12/01/25 14:11	PB170763
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	12/01/25 14:11	PB170763
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	12/01/25 14:11	PB170763
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	12/01/25 14:11	PB170763
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	12/01/25 14:11	PB170763
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	12/01/25 14:11	PB170763
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	12/01/25 14:11	PB170763
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	12/01/25 14:11	PB170763
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	12/01/25 14:11	PB170763
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	12/01/25 14:11	PB170763
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	12/01/25 14:11	PB170763
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	12/01/25 14:11	PB170763
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	12/01/25 14:11	PB170763
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	12/01/25 14:11	PB170763
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	12/01/25 14:11	PB170763
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	12/01/25 14:11	PB170763
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	12/01/25 14:11	PB170763
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	12/01/25 14:11	PB170763
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	12/01/25 14:11	PB170763
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	12/01/25 14:11	PB170763
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	12/01/25 14:11	PB170763
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	12/01/25 14:11	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	12/01/25 14:11	PB170763

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Diamond		Date Received:	
Client Sample ID:	PB170763BL		SDG No.:	Q3740
Lab Sample ID:	PB170763BL		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	12/01/25 14:11	PB170763
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	12/01/25 14:11	PB170763
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	12/01/25 14:11	PB170763
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	12/01/25 14:11	PB170763
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	12/01/25 14:11	PB170763
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	12/01/25 14:11	PB170763
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	12/01/25 14:11	PB170763
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	12/01/25 14:11	PB170763
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	12/01/25 14:11	PB170763
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	12/01/25 14:11	PB170763
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	12/01/25 14:11	PB170763
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	12/01/25 14:11	PB170763
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	12/01/25 14:11	PB170763
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	12/01/25 14:11	PB170763
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	12/01/25 14:11	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	12/01/25 14:11	PB170763
117-84-0	Di-n-octyl phthalate	86.7	U	1	86.7	330	ug/Kg	12/01/25 14:11	PB170763
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	12/01/25 14:11	PB170763
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	12/01/25 14:11	PB170763
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	12/01/25 14:11	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	12/01/25 14:11	PB170763
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	12/01/25 14:11	PB170763
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	12/01/25 14:11	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	12/01/25 14:11	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	12/01/25 14:11	PB170763

SURROGATES

367-12-4	2-Fluorophenol	113		10 - 105	75%	SPK: 150
13127-88-3	Phenol-d6	112		10 - 103	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.1		10 - 108	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.6		10 - 108	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	73.6		10 - 109	74%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58300
1146-65-2	Naphthalene-d8	230000
15067-26-2	Acenaphthene-d10	130000
1517-22-2	Phenanthrene-d10	227000
1719-03-5	Chrysene-d12	144000
1520-96-3	Perylene-d12	171000

TENTATIVE IDENTIFIED COMPOUNDS

000630-04-6	Hentriacontane	180	J	13.9	ug/Kg
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Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Diamond		Date Received:	
Client Sample ID:	PB170763BL		SDG No.:	Q3740
Lab Sample ID:	PB170763BL		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170763BS	SDG No.:	Q3740
Lab Sample ID: PB170763BS	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	SVOC-TCL BNA
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1300	1	160		330	ug/Kg	12/01/25 14:40	PB170763
108-95-2	Phenol	1400	1	22.1		170	ug/Kg	12/01/25 14:40	PB170763
111-44-4	bis(2-Chloroethyl)ether	1400	1	24.3		170	ug/Kg	12/01/25 14:40	PB170763
95-57-8	2-Chlorophenol	1400	1	24.4		170	ug/Kg	12/01/25 14:40	PB170763
95-48-7	2-Methylphenol	1400	1	29.9		170	ug/Kg	12/01/25 14:40	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1500	1	37.5		170	ug/Kg	12/01/25 14:40	PB170763
98-86-2	Acetophenone	1500	1	29.5		170	ug/Kg	12/01/25 14:40	PB170763
65794-96-9	3+4-Methylphenols	1400	1	41.1		330	ug/Kg	12/01/25 14:40	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1300	1	47.4		79.9	ug/Kg	12/01/25 14:40	PB170763
67-72-1	Hexachloroethane	1400	1	17.6		170	ug/Kg	12/01/25 14:40	PB170763
98-95-3	Nitrobenzene	1400	1	18.3		170	ug/Kg	12/01/25 14:40	PB170763
78-59-1	Isophorone	1400	1	32.8		170	ug/Kg	12/01/25 14:40	PB170763
88-75-5	2-Nitrophenol	1400	1	58.1		170	ug/Kg	12/01/25 14:40	PB170763
105-67-9	2,4-Dimethylphenol	1500	1	64.7		170	ug/Kg	12/01/25 14:40	PB170763
111-91-1	bis(2-Chloroethoxy)methane	1400	1	30.8		170	ug/Kg	12/01/25 14:40	PB170763
120-83-2	2,4-Dichlorophenol	1400	1	28.3		170	ug/Kg	12/01/25 14:40	PB170763
91-20-3	Naphthalene	1400	1	22.7		170	ug/Kg	12/01/25 14:40	PB170763
106-47-8	4-Chloroaniline	820	1	35.4		170	ug/Kg	12/01/25 14:40	PB170763
87-68-3	Hexachlorobutadiene	1300	1	25.3		170	ug/Kg	12/01/25 14:40	PB170763
105-60-2	Caprolactam	1400	1	52.0		330	ug/Kg	12/01/25 14:40	PB170763
59-50-7	4-Chloro-3-methylphenol	1300	1	28.7		170	ug/Kg	12/01/25 14:40	PB170763
91-57-6	2-Methylnaphthalene	1300	1	25.6		170	ug/Kg	12/01/25 14:40	PB170763
77-47-4	Hexachlorocyclopentadiene	2500	1	120		330	ug/Kg	12/01/25 14:40	PB170763
88-06-2	2,4,6-Trichlorophenol	1400	1	19.8		170	ug/Kg	12/01/25 14:40	PB170763
95-95-4	2,4,5-Trichlorophenol	1300	1	29.1		170	ug/Kg	12/01/25 14:40	PB170763
92-52-4	1,1-Biphenyl	1600	1	21.8		170	ug/Kg	12/01/25 14:40	PB170763
91-58-7	2-Chloronaphthalene	1400	1	22.5		170	ug/Kg	12/01/25 14:40	PB170763
88-74-4	2-Nitroaniline	1400	1	48.1		170	ug/Kg	12/01/25 14:40	PB170763
131-11-3	Dimethylphthalate	1400	1	27.1		170	ug/Kg	12/01/25 14:40	PB170763
208-96-8	Acenaphthylene	1600	1	28.9		170	ug/Kg	12/01/25 14:40	PB170763
606-20-2	2,6-Dinitrotoluene	1400	1	33.6		170	ug/Kg	12/01/25 14:40	PB170763
99-09-2	3-Nitroaniline	990	1	46.0		170	ug/Kg	12/01/25 14:40	PB170763
83-32-9	Acenaphthene	1300	1	21.3		170	ug/Kg	12/01/25 14:40	PB170763
51-28-5	2,4-Dinitrophenol	2400	1	230		330	ug/Kg	12/01/25 14:40	PB170763
100-02-7	4-Nitrophenol	2100	1	110		330	ug/Kg	12/01/25 14:40	PB170763
132-64-9	Dibenzofuran	1400	1	22.7		170	ug/Kg	12/01/25 14:40	PB170763
121-14-2	2,4-Dinitrotoluene	1400	1	50.0		170	ug/Kg	12/01/25 14:40	PB170763
84-66-2	Diethylphthalate	1300	1	28.3		170	ug/Kg	12/01/25 14:40	PB170763
7005-72-3	4-Chlorophenyl-phenylether	1300	1	26.7		170	ug/Kg	12/01/25 14:40	PB170763
86-73-7	Fluorene	1400	1	25.3		170	ug/Kg	12/01/25 14:40	PB170763
100-01-6	4-Nitroaniline	1200	1	64.1		170	ug/Kg	12/01/25 14:40	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	1400	1	100		330	ug/Kg	12/01/25 14:40	PB170763

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170763BS	SDG No.:	Q3740
Lab Sample ID: PB170763BS	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	SVOC-TCL BNA
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500	1	32.9		170	ug/Kg	12/01/25 14:40	PB170763
101-55-3	4-Bromophenyl-phenylether	1500	1	27.8		170	ug/Kg	12/01/25 14:40	PB170763
118-74-1	Hexachlorobenzene	1500	1	25.3		170	ug/Kg	12/01/25 14:40	PB170763
1912-24-9	Atrazine	1400	1	34.0		170	ug/Kg	12/01/25 14:40	PB170763
87-86-5	Pentachlorophenol	2600	1	51.2		330	ug/Kg	12/01/25 14:40	PB170763
85-01-8	Phenanthrene	1400	1	20.9		170	ug/Kg	12/01/25 14:40	PB170763
120-12-7	Anthracene	1400	1	33.3		170	ug/Kg	12/01/25 14:40	PB170763
86-74-8	Carbazole	1400	1	31.2		170	ug/Kg	12/01/25 14:40	PB170763
84-74-2	Di-n-butylphthalate	1400	1	47.9		170	ug/Kg	12/01/25 14:40	PB170763
206-44-0	Fluoranthene	1400	1	30.0		170	ug/Kg	12/01/25 14:40	PB170763
129-00-0	Pyrene	1200	1	36.0		170	ug/Kg	12/01/25 14:40	PB170763
85-68-7	Butylbenzylphthalate	1400	1	71.3		170	ug/Kg	12/01/25 14:40	PB170763
91-94-1	3,3-Dichlorobenzidine	1200	1	36.7		330	ug/Kg	12/01/25 14:40	PB170763
56-55-3	Benzo(a)anthracene	1400	1	23.0		170	ug/Kg	12/01/25 14:40	PB170763
218-01-9	Chrysene	1500	1	19.9		170	ug/Kg	12/01/25 14:40	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1500	1	59.1		170	ug/Kg	12/01/25 14:40	PB170763
117-84-0	Di-n-octyl phthalate	1600	1	86.7		330	ug/Kg	12/01/25 14:40	PB170763
205-99-2	Benzo(b)fluoranthene	1700	1	19.0		170	ug/Kg	12/01/25 14:40	PB170763
207-08-9	Benzo(k)fluoranthene	1500	1	22.4		170	ug/Kg	12/01/25 14:40	PB170763
50-32-8	Benzo(a)pyrene	1600	1	29.5		170	ug/Kg	12/01/25 14:40	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	1500	1	29.1		170	ug/Kg	12/01/25 14:40	PB170763
53-70-3	Dibenzo(a,h)anthracene	1500	1	27.4		170	ug/Kg	12/01/25 14:40	PB170763
191-24-2	Benzo(g,h,i)perylene	1600	1	25.7		170	ug/Kg	12/01/25 14:40	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	1600	1	25.6		170	ug/Kg	12/01/25 14:40	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	1400	1	27.4		170	ug/Kg	12/01/25 14:40	PB170763

SURROGATES

367-12-4	2-Fluorophenol	113		10 - 105	75%	SPK: 150
13127-88-3	Phenol-d6	112		10 - 103	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.2		10 - 108	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.5		10 - 108	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	104		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	69.5		10 - 109	69%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	56600
1146-65-2	Naphthalene-d8	215000
15067-26-2	Acenaphthene-d10	113000
1517-22-2	Phenanthrene-d10	172000
1719-03-5	Chrysene-d12	127000
1520-96-3	Perylene-d12	157000

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Diamond		Date Received:	
Client Sample ID:	PB170763BS		SDG No.:	Q3740
Lab Sample ID:	PB170763BS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: G Environmental	Date Collected: 11/26/25	
Project: Diamond	Date Received: 11/26/25	
Client Sample ID: BU-3-112625MS	SDG No.: Q3740	
Lab Sample ID: Q3735-01MS	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 85.4	
Sample Wt/Vol: 50.02 g	Test: SVOC-TCL BNA	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	790		1	110	230	ug/Kg	12/01/25 17:43	PB170763
108-95-2	Phenol	990		1	15.5	120	ug/Kg	12/01/25 17:43	PB170763
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.1	120	ug/Kg	12/01/25 17:43	PB170763
95-57-8	2-Chlorophenol	1000		1	17.1	120	ug/Kg	12/01/25 17:43	PB170763
95-48-7	2-Methylphenol	970		1	21.0	120	ug/Kg	12/01/25 17:43	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	26.3	120	ug/Kg	12/01/25 17:43	PB170763
98-86-2	Acetophenone	1200		1	20.7	120	ug/Kg	12/01/25 17:43	PB170763
65794-96-9	3+4-Methylphenols	970		1	28.9	230	ug/Kg	12/01/25 17:43	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.3	56.2	ug/Kg	12/01/25 17:43	PB170763
67-72-1	Hexachloroethane	1000		1	12.4	120	ug/Kg	12/01/25 17:43	PB170763
98-95-3	Nitrobenzene	1100		1	12.9	120	ug/Kg	12/01/25 17:43	PB170763
78-59-1	Isophorone	1100		1	23.0	120	ug/Kg	12/01/25 17:43	PB170763
88-75-5	2-Nitrophenol	1100		1	40.9	120	ug/Kg	12/01/25 17:43	PB170763
105-67-9	2,4-Dimethylphenol	1200		1	45.5	120	ug/Kg	12/01/25 17:43	PB170763
111-91-1	bis(2-Chloroethoxy)methane	1200		1	21.6	120	ug/Kg	12/01/25 17:43	PB170763
120-83-2	2,4-Dichlorophenol	990		1	19.9	120	ug/Kg	12/01/25 17:43	PB170763
91-20-3	Naphthalene	1100		1	15.9	120	ug/Kg	12/01/25 17:43	PB170763
106-47-8	4-Chloroaniline	310		1	24.9	120	ug/Kg	12/01/25 17:43	PB170763
87-68-3	Hexachlorobutadiene	1100		1	17.8	120	ug/Kg	12/01/25 17:43	PB170763
105-60-2	Caprolactam	1000		1	36.6	230	ug/Kg	12/01/25 17:43	PB170763
59-50-7	4-Chloro-3-methylphenol	940		1	20.2	120	ug/Kg	12/01/25 17:43	PB170763
91-57-6	2-Methylnaphthalene	940		1	18.0	120	ug/Kg	12/01/25 17:43	PB170763
77-47-4	Hexachlorocyclopentadiene	1000		1	81.5	230	ug/Kg	12/01/25 17:43	PB170763
88-06-2	2,4,6-Trichlorophenol	1100		1	13.9	120	ug/Kg	12/01/25 17:43	PB170763
95-95-4	2,4,5-Trichlorophenol	1100		1	20.4	120	ug/Kg	12/01/25 17:43	PB170763
92-52-4	1,1-Biphenyl	1200		1	15.3	120	ug/Kg	12/01/25 17:43	PB170763
91-58-7	2-Chloronaphthalene	1100		1	15.8	120	ug/Kg	12/01/25 17:43	PB170763
88-74-4	2-Nitroaniline	1100		1	33.8	120	ug/Kg	12/01/25 17:43	PB170763
131-11-3	Dimethylphthalate	1200		1	19.0	120	ug/Kg	12/01/25 17:43	PB170763
208-96-8	Acenaphthylene	1300		1	20.3	120	ug/Kg	12/01/25 17:43	PB170763
606-20-2	2,6-Dinitrotoluene	1200		1	23.6	120	ug/Kg	12/01/25 17:43	PB170763
99-09-2	3-Nitroaniline	800		1	32.3	120	ug/Kg	12/01/25 17:43	PB170763
83-32-9	Acenaphthene	1000		1	15.0	120	ug/Kg	12/01/25 17:43	PB170763
51-28-5	2,4-Dinitrophenol	1300		1	160	230	ug/Kg	12/01/25 17:43	PB170763
100-02-7	4-Nitrophenol	2200	E	1	75.1	230	ug/Kg	12/01/25 17:43	PB170763
132-64-9	Dibenzofuran	1100		1	15.9	120	ug/Kg	12/01/25 17:43	PB170763
121-14-2	2,4-Dinitrotoluene	1200		1	35.2	120	ug/Kg	12/01/25 17:43	PB170763
84-66-2	Diethylphthalate	1200		1	19.9	120	ug/Kg	12/01/25 17:43	PB170763
7005-72-3	4-Chlorophenyl-phenylether	1100		1	18.8	120	ug/Kg	12/01/25 17:43	PB170763
86-73-7	Fluorene	1200		1	17.8	120	ug/Kg	12/01/25 17:43	PB170763
100-01-6	4-Nitroaniline	1100		1	45.1	120	ug/Kg	12/01/25 17:43	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	630		1	72.3	230	ug/Kg	12/01/25 17:43	PB170763

Report of Analysis

Client: G Environmental	Date Collected: 11/26/25	
Project: Diamond	Date Received: 11/26/25	
Client Sample ID: BU-3-112625MS	SDG No.: Q3740	
Lab Sample ID: Q3735-01MS	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 85.4	
Sample Wt/Vol: 50.02 g	Test: SVOC-TCL BNA	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1100		1	23.1	120	ug/Kg	12/01/25 17:43	PB170763
101-55-3	4-Bromophenyl-phenylether	990		1	19.5	120	ug/Kg	12/01/25 17:43	PB170763
118-74-1	Hexachlorobenzene	1000		1	17.8	120	ug/Kg	12/01/25 17:43	PB170763
1912-24-9	Atrazine	1200		1	23.9	120	ug/Kg	12/01/25 17:43	PB170763
87-86-5	Pentachlorophenol	2200	E	1	36.0	230	ug/Kg	12/01/25 17:43	PB170763
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	12/01/25 17:43	PB170763
120-12-7	Anthracene	1100		1	23.4	120	ug/Kg	12/01/25 17:43	PB170763
86-74-8	Carbazole	1200		1	21.9	120	ug/Kg	12/01/25 17:43	PB170763
84-74-2	Di-n-butylphthalate	1300		1	33.6	120	ug/Kg	12/01/25 17:43	PB170763
206-44-0	Fluoranthene	1400		1	21.1	120	ug/Kg	12/01/25 17:43	PB170763
129-00-0	Pyrene	960		1	25.3	120	ug/Kg	12/01/25 17:43	PB170763
85-68-7	Butylbenzylphthalate	1200		1	50.1	120	ug/Kg	12/01/25 17:43	PB170763
91-94-1	3,3-Dichlorobenzidine	760		1	25.8	230	ug/Kg	12/01/25 17:43	PB170763
56-55-3	Benzo(a)anthracene	1200		1	16.2	120	ug/Kg	12/01/25 17:43	PB170763
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	12/01/25 17:43	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1300		1	41.6	120	ug/Kg	12/01/25 17:43	PB170763
117-84-0	Di-n-octyl phthalate	1200		1	61.0	230	ug/Kg	12/01/25 17:43	PB170763
205-99-2	Benzo(b)fluoranthene	1400		1	13.3	120	ug/Kg	12/01/25 17:43	PB170763
207-08-9	Benzo(k)fluoranthene	1300		1	15.7	120	ug/Kg	12/01/25 17:43	PB170763
50-32-8	Benzo(a)pyrene	1200		1	20.7	120	ug/Kg	12/01/25 17:43	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	880		1	20.4	120	ug/Kg	12/01/25 17:43	PB170763
53-70-3	Dibenzo(a,h)anthracene	900		1	19.2	120	ug/Kg	12/01/25 17:43	PB170763
191-24-2	Benzo(g,h,i)perylene	900		1	18.0	120	ug/Kg	12/01/25 17:43	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		1	18.0	120	ug/Kg	12/01/25 17:43	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	1100		1	19.2	120	ug/Kg	12/01/25 17:43	PB170763

SURROGATES

367-12-4	2-Fluorophenol	70.0			10 - 105	47%	SPK: 150
13127-88-3	Phenol-d6	64.8			10 - 103	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.9			10 - 108	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.0			10 - 108	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.1			10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	35.9			10 - 109	36%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	49500
1146-65-2	Naphthalene-d8	163000
15067-26-2	Acenaphthene-d10	75700
1517-22-2	Phenanthrene-d10	143000
1719-03-5	Chrysene-d12	137000
1520-96-3	Perylene-d12	107000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	BU-3-112625MS	SDG No.:	Q3740
Lab Sample ID:	Q3735-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.4
Sample Wt/Vol:	50.02 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: G Environmental
 Project: Diamond
 Client Sample ID: BU-3-112625MSD
 Lab Sample ID: Q3735-01MSD
 Analytical Method: 8270E Level: LOW
 Sample Wt/Vol: 50.07 g Final Vol: 1000 uL
 Prep Method : SW3541 Prep Date: 12/01/25

Date Collected: 11/26/25
 Date Received: 11/26/25
 SDG No.: Q3740
 Matrix: SOIL
 % Solid: 85.4
 Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	810		1	110	230	ug/Kg	12/01/25 18:12	PB170763
108-95-2	Phenol	970		1	15.5	120	ug/Kg	12/01/25 18:12	PB170763
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.0	120	ug/Kg	12/01/25 18:12	PB170763
95-57-8	2-Chlorophenol	1000		1	17.1	120	ug/Kg	12/01/25 18:12	PB170763
95-48-7	2-Methylphenol	950		1	21.0	120	ug/Kg	12/01/25 18:12	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	26.3	120	ug/Kg	12/01/25 18:12	PB170763
98-86-2	Acetophenone	1200		1	20.7	120	ug/Kg	12/01/25 18:12	PB170763
65794-96-9	3+4-Methylphenols	970		1	28.8	230	ug/Kg	12/01/25 18:12	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.3	56.1	ug/Kg	12/01/25 18:12	PB170763
67-72-1	Hexachloroethane	980		1	12.3	120	ug/Kg	12/01/25 18:12	PB170763
98-95-3	Nitrobenzene	1100		1	12.8	120	ug/Kg	12/01/25 18:12	PB170763
78-59-1	Isophorone	1100		1	23.0	120	ug/Kg	12/01/25 18:12	PB170763
88-75-5	2-Nitrophenol	1200		1	40.8	120	ug/Kg	12/01/25 18:12	PB170763
105-67-9	2,4-Dimethylphenol	1200		1	45.5	120	ug/Kg	12/01/25 18:12	PB170763
111-91-1	bis(2-Chloroethoxy)methane	1100		1	21.6	120	ug/Kg	12/01/25 18:12	PB170763
120-83-2	2,4-Dichlorophenol	1000		1	19.9	120	ug/Kg	12/01/25 18:12	PB170763
91-20-3	Naphthalene	1100		1	15.9	120	ug/Kg	12/01/25 18:12	PB170763
106-47-8	4-Chloroaniline	360		1	24.8	120	ug/Kg	12/01/25 18:12	PB170763
87-68-3	Hexachlorobutadiene	1000		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
105-60-2	Caprolactam	1000		1	36.6	230	ug/Kg	12/01/25 18:12	PB170763
59-50-7	4-Chloro-3-methylphenol	950		1	20.1	120	ug/Kg	12/01/25 18:12	PB170763
91-57-6	2-Methylnaphthalene	930		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
77-47-4	Hexachlorocyclopentadiene	800		1	81.4	230	ug/Kg	12/01/25 18:12	PB170763
88-06-2	2,4,6-Trichlorophenol	1000		1	13.9	120	ug/Kg	12/01/25 18:12	PB170763
95-95-4	2,4,5-Trichlorophenol	1000		1	20.4	120	ug/Kg	12/01/25 18:12	PB170763
92-52-4	1,1-Biphenyl	1100		1	15.3	120	ug/Kg	12/01/25 18:12	PB170763
91-58-7	2-Chloronaphthalene	1100		1	15.8	120	ug/Kg	12/01/25 18:12	PB170763
88-74-4	2-Nitroaniline	1100		1	33.7	120	ug/Kg	12/01/25 18:12	PB170763
131-11-3	Dimethylphthalate	1100		1	19.0	120	ug/Kg	12/01/25 18:12	PB170763
208-96-8	Acenaphthylene	1200		1	20.3	120	ug/Kg	12/01/25 18:12	PB170763
606-20-2	2,6-Dinitrotoluene	1200		1	23.6	120	ug/Kg	12/01/25 18:12	PB170763
99-09-2	3-Nitroaniline	770		1	32.3	120	ug/Kg	12/01/25 18:12	PB170763
83-32-9	Acenaphthene	980		1	14.9	120	ug/Kg	12/01/25 18:12	PB170763
51-28-5	2,4-Dinitrophenol	900		1	160	230	ug/Kg	12/01/25 18:12	PB170763
100-02-7	4-Nitrophenol	2300	E	1	75.1	230	ug/Kg	12/01/25 18:12	PB170763
132-64-9	Dibenzofuran	1100		1	15.9	120	ug/Kg	12/01/25 18:12	PB170763
121-14-2	2,4-Dinitrotoluene	1200		1	35.1	120	ug/Kg	12/01/25 18:12	PB170763
84-66-2	Diethylphthalate	1100		1	19.9	120	ug/Kg	12/01/25 18:12	PB170763
7005-72-3	4-Chlorophenyl-phenylether	1000		1	18.7	120	ug/Kg	12/01/25 18:12	PB170763
86-73-7	Fluorene	1200		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
100-01-6	4-Nitroaniline	1100		1	45.0	120	ug/Kg	12/01/25 18:12	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	520		1	72.3	230	ug/Kg	12/01/25 18:12	PB170763



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Report of Analysis

Client:	G Environmental		Date Collected:	11/26/25
Project:	Diamond		Date Received:	11/26/25
Client Sample ID:	BU-3-112625MSD		SDG No.:	Q3740
Lab Sample ID:	Q3735-01MSD		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	85.4
Sample Wt/Vol:	50.07 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1000		1	23.1	120	ug/Kg	12/01/25 18:12	PB170763
101-55-3	4-Bromophenyl-phenylether	960		1	19.5	120	ug/Kg	12/01/25 18:12	PB170763
118-74-1	Hexachlorobenzene	1000		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
1912-24-9	Atrazine	1200		1	23.9	120	ug/Kg	12/01/25 18:12	PB170763
87-86-5	Pentachlorophenol	2300	E	1	36.0	230	ug/Kg	12/01/25 18:12	PB170763
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	12/01/25 18:12	PB170763
120-12-7	Anthracene	1100		1	23.4	120	ug/Kg	12/01/25 18:12	PB170763
86-74-8	Carbazole	1200		1	21.9	120	ug/Kg	12/01/25 18:12	PB170763
84-74-2	Di-n-butylphthalate	1300		1	33.6	120	ug/Kg	12/01/25 18:12	PB170763
206-44-0	Fluoranthene	1400		1	21.0	120	ug/Kg	12/01/25 18:12	PB170763
129-00-0	Pyrene	1000		1	25.3	120	ug/Kg	12/01/25 18:12	PB170763
85-68-7	Butylbenzylphthalate	1200		1	50.1	120	ug/Kg	12/01/25 18:12	PB170763
91-94-1	3,3-Dichlorobenzidine	820		1	25.7	230	ug/Kg	12/01/25 18:12	PB170763
56-55-3	Benzo(a)anthracene	1200		1	16.1	120	ug/Kg	12/01/25 18:12	PB170763
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	12/01/25 18:12	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1300		1	41.5	120	ug/Kg	12/01/25 18:12	PB170763
117-84-0	Di-n-octyl phthalate	1200		1	60.9	230	ug/Kg	12/01/25 18:12	PB170763
205-99-2	Benzo(b)fluoranthene	1300		1	13.3	120	ug/Kg	12/01/25 18:12	PB170763
207-08-9	Benzo(k)fluoranthene	1300		1	15.7	120	ug/Kg	12/01/25 18:12	PB170763
50-32-8	Benzo(a)pyrene	1200		1	20.7	120	ug/Kg	12/01/25 18:12	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	890		1	20.4	120	ug/Kg	12/01/25 18:12	PB170763
53-70-3	Dibenzo(a,h)anthracene	900		1	19.2	120	ug/Kg	12/01/25 18:12	PB170763
191-24-2	Benzo(g,h,i)perylene	890		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	1100		1	19.2	120	ug/Kg	12/01/25 18:12	PB170763

SURROGATES

367-12-4	2-Fluorophenol	68.8		10 - 105	46%	SPK: 150
13127-88-3	Phenol-d6	65.5		10 - 103	44%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.2		10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.6		10 - 108	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	71.8		10 - 116	48%	SPK: 150
1718-51-0	Terphenyl-d14	36.7		10 - 109	37%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	47000
1146-65-2	Naphthalene-d8	155000
15067-26-2	Acenaphthene-d10	78600
1517-22-2	Phenanthrene-d10	150000
1719-03-5	Chrysene-d12	135000
1520-96-3	Perylene-d12	107000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	BU-3-112625MSD	SDG No.:	Q3740
Lab Sample ID:	Q3735-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.4
Sample Wt/Vol:	50.07 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)	Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)	n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)	Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)	2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)	Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)	bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)	1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)	1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)	Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)	2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)	2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)	Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)	3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)	Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)	Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)	2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)	bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)	1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)	Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)	Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)	4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)	Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)	2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)	1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.204	0.253	0.248	0.195		27.78
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162		14.99
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212		14.64
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136		6.99
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150		8.76
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzydine	0.707	0.519	0.624	0.512	0.635	0.553	0.592		12.98
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)	Butzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475		6.77
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320		7.91

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)	Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)	Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90) C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)	Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)	Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3740</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/01/2025 12:41</u>
Lab File ID:	<u>BF144382.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.337		4.6	
Benzaldehyde	0.818	0.992		21.3	
Phenol-d6	1.448	1.478		2.1	
Phenol	1.769	1.809		2.3	20.0
bis(2-Chloroethyl)ether	1.289	1.354		5.0	
2-Chlorophenol	1.253	1.315		4.9	
2-Methylphenol	0.997	1.010		1.3	
2,2-oxybis(1-Chloropropane)	2.374	2.447		3.1	
Acetophenone	0.429	0.416		-3.0	
3+4-Methylphenols	1.175	1.167		-0.7	
n-Nitroso-di-n-propylamine	0.953	0.893	0.050	-6.3	
Nitrobenzene-d5	0.346	0.348		0.6	
Hexachloroethane	0.515	0.514		-0.2	
Nitrobenzene	0.376	0.380		1.1	
Isophorone	0.655	0.652		-0.5	
2-Nitrophenol	0.186	0.197		5.9	20.0
2,4-Dimethylphenol	0.279	0.287		2.9	
bis(2-Chloroethoxy)methane	0.409	0.424		3.7	
2,4-Dichlorophenol	0.322	0.323		0.3	20.0
Naphthalene	0.951	0.962		1.2	
4-Chloroaniline	0.347	0.353		1.7	
Hexachlorobutadiene	0.249	0.229		-8.0	20.0
Caprolactam	0.088	0.089		1.1	
4-Chloro-3-methylphenol	0.288	0.288		0.0	20.0
2-Methylnaphthalene	0.636	0.626		-1.6	
Hexachlorocyclopentadiene	0.195	0.158	0.050	-19.0	
2,4,6-Trichlorophenol	0.446	0.435		-2.5	20.0
2-Fluorobiphenyl	1.354	1.305		-3.6	
2,4,5-Trichlorophenol	0.481	0.458		-4.8	
1,1-Biphenyl	1.396	1.414		1.3	
2-Chloronaphthalene	1.191	1.192		0.1	
2-Nitroaniline	0.344	0.355		3.2	
Dimethylphthalate	1.325	1.270		-4.2	
Acenaphthylene	1.623	1.610		-0.8	
2,6-Dinitrotoluene	0.268	0.269		0.4	
3-Nitroaniline	0.293	0.301		2.7	
Acenaphthene	1.085	0.988		-8.9	20.0
2,4-Dinitrophenol	0.162	0.179	0.050	10.5	
4-Nitrophenol	0.212	0.193	0.050	-9.0	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3740</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/01/2025 12:41</u>
Lab File ID:	<u>BF144382.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.474		-3.0	
2,4-Dinitrotoluene	0.359	0.357		-0.6	
Diethylphthalate	1.221	1.149		-5.9	
4-Chlorophenyl-phenylether	0.658	0.619		-5.9	
Fluorene	1.156	1.117		-3.4	
4-Nitroaniline	0.279	0.277		-0.7	
4,6-Dinitro-2-methylphenol	0.136	0.127		-6.6	
n-Nitrosodiphenylamine	0.643	0.665		3.4	20.0
2,4,6-Tribromophenol	0.251	0.225		-10.4	
4-Bromophenyl-phenylether	0.255	0.248		-2.7	
Hexachlorobenzene	0.301	0.292		-3.0	
Atrazine	0.205	0.188		-8.3	
Pentachlorophenol	0.150	0.158		5.3	20.0
Phenanthrene	0.996	1.001		0.5	
Anthracene	1.013	1.018		0.5	
Carbazole	0.861	0.877		1.9	
Di-n-butylphthalate	1.041	1.043		0.2	
Fluoranthene	1.029	1.028		-0.1	20.0
Pyrene	1.613	1.464		-9.2	
Terphenyl-d14	1.259	1.094		-13.1	
Butylbenzylphthalate	0.559	0.542		-3.0	
3,3-Dichlorobenzidine	0.475	0.489		2.9	
Benzo (a) anthracene	1.386	1.414		2.0	
Chrysene	1.280	1.240		-3.1	
Bis (2-ethylhexyl) phthalate	0.765	0.774		1.2	
Di-n-octyl phthalate	1.320	1.422		7.7	20.0
Benzo (b) fluoranthene	1.137	1.133		-0.4	
Benzo (k) fluoranthene	1.064	1.064		0.0	
Benzo (a) pyrene	1.049	1.056		0.7	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.369		-4.7	
Dibenzo (a,h) anthracene	1.153	1.112		-3.6	
Benzo (g,h,i) perylene	1.139	1.089		-4.4	
1,2,4,5-Tetrachlorobenzene	0.655	0.626		-4.4	
2,3,4,6-Tetrachlorophenol	0.340	0.311		-8.5	

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144387.D
 Acq On : 01 Dec 2025 15:15
 Operator : RC/JU
 Sample : Q3740-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 15:44:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

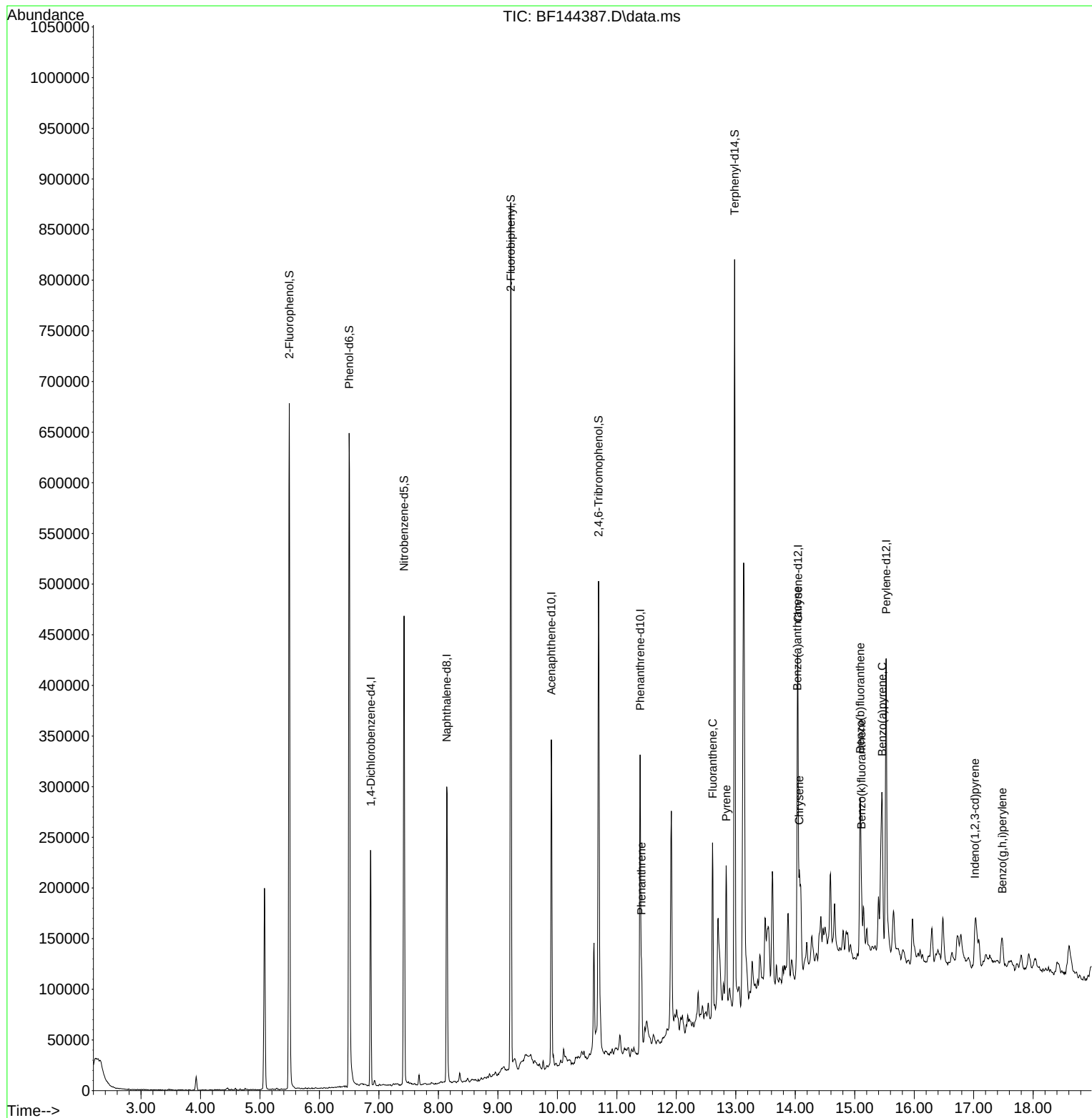
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	52921	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	191478	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	101201	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	153674	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	133822	20.000	ng	0.00
86) Perylene-d12	15.527	264	166729	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	276223	81.679	ng	0.00
7) Phenol-d6	6.499	99	316463	82.587	ng	0.00
23) Nitrobenzene-d5	7.422	82	193424	58.342	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	86521	68.129	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	402726	58.774	ng	-0.01
79) Terphenyl-d14	12.980	244	377864	44.851	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	46067	6.021	ng	100
75) Fluoranthene	12.610	202	91898	11.627	ng	96
78) Pyrene	12.839	202	85693	7.942	ng	98
81) Benzo(a)anthracene	14.033	228	62373	6.725	ng	96
83) Chrysene	14.069	228	49032	5.727	ng	95
87) Indeno(1,2,3-cd)pyrene	17.021	276	24629	2.058	ng	97
88) Benzo(b)fluoranthene	15.092	252	70848m	7.474	ng	
89) Benzo(k)fluoranthene	15.110	252	22837m	2.574	ng	
90) Benzo(a)pyrene	15.463	252	48613	5.559	ng	# 92
92) Benzo(g,h,i)perylene	17.480	276	19505	2.055	ng	# 87

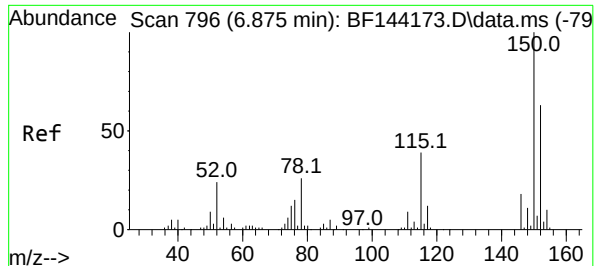
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations APPROVED

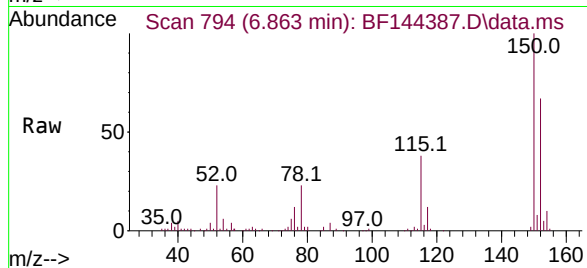
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15

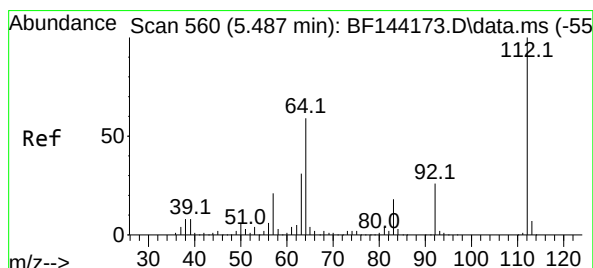
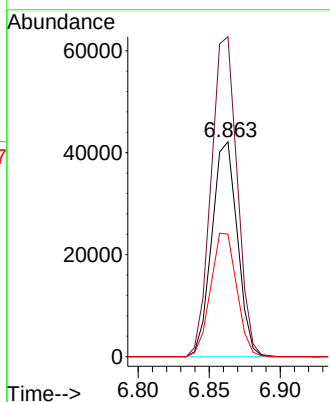
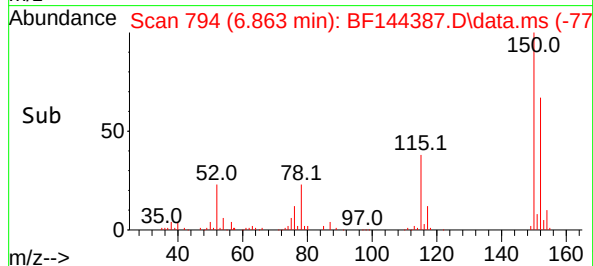
Instrument :
BNA_F
ClientSampleId :
WC1



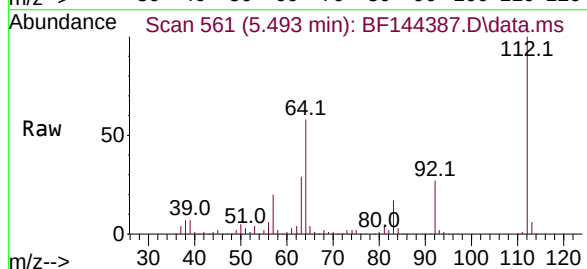
Tgt Ion:152 Resp: 52921
Ion Ratio Lower Upper
152 100
150 149.0 127.4 191.0
115 57.1 49.5 74.3

Manual Integrations
APPROVED

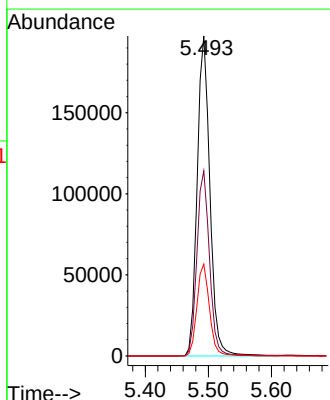
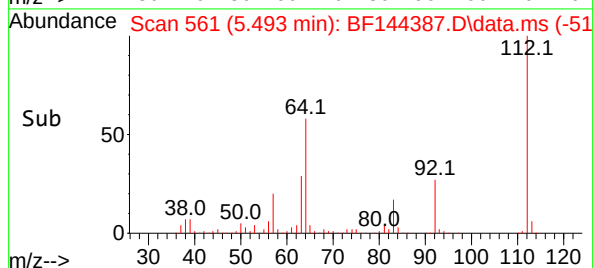
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

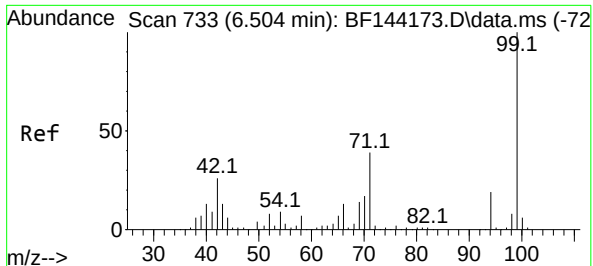


#5
2-Fluorophenol
Concen: 81.679 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15



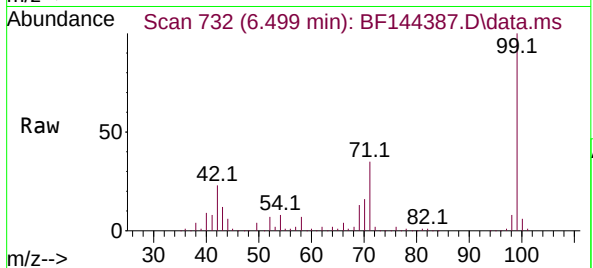
Tgt Ion:112 Resp: 276223
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 28.7 24.4 36.6





#7
Phenol-d6
Concen: 82.587 ng
RT: 6.499 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15

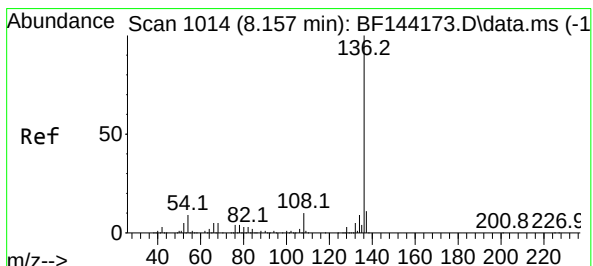
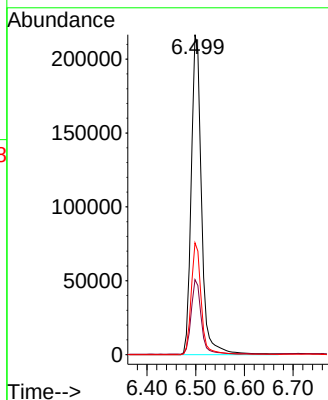
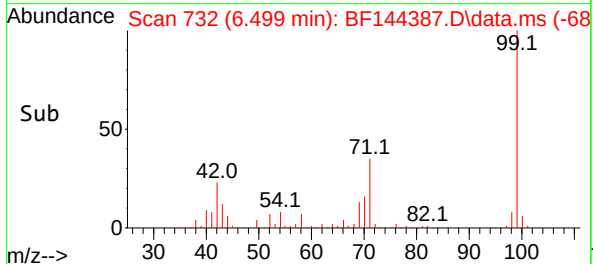
Instrument :
BNA_F
ClientSampleId :
WC1



Tgt Ion: 99 Resp: 316463
Ion Ratio Lower Upper
99 100
42 23.4 20.9 31.3
71 34.9 31.4 47.2

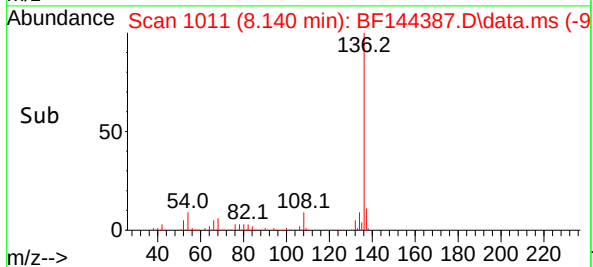
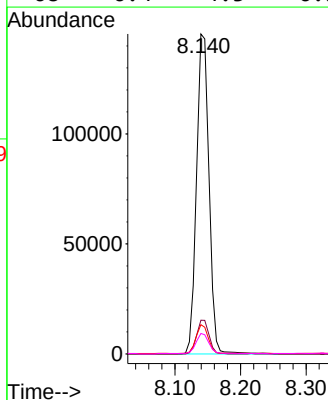
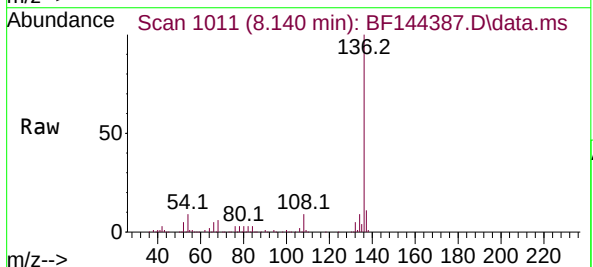
Manual Integrations
APPROVED

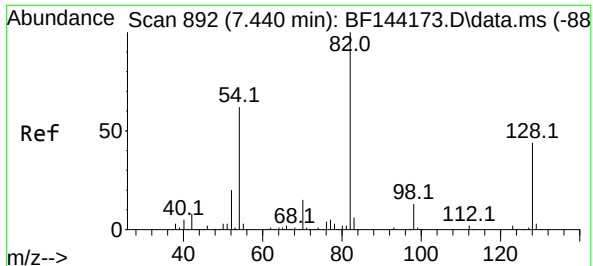
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15

Tgt Ion:136 Resp: 191478
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.1 7.0 10.6
68 6.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 58.342 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Instrument :

BNA_F

ClientSampleId :

WC1

Tgt Ion: 82 Resp: 193424

Ion Ratio Lower Upper

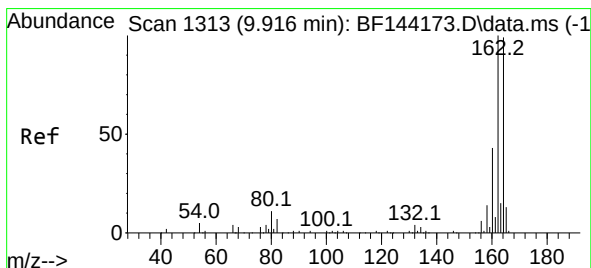
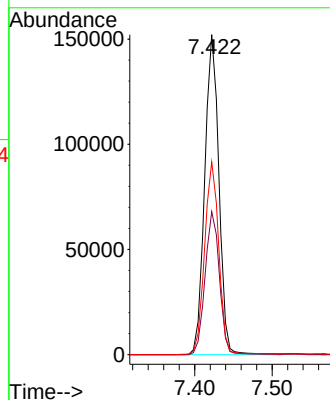
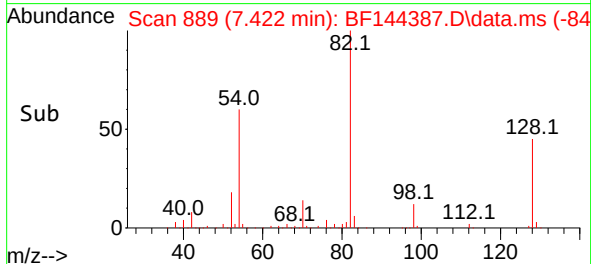
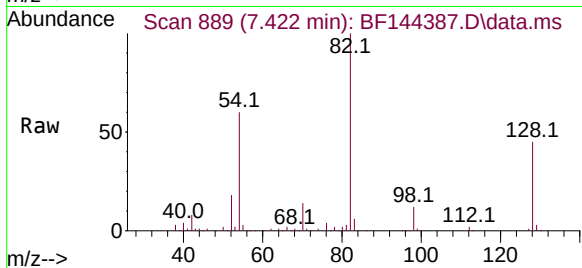
82 100

128 44.7 34.7 52.1

54 60.2 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

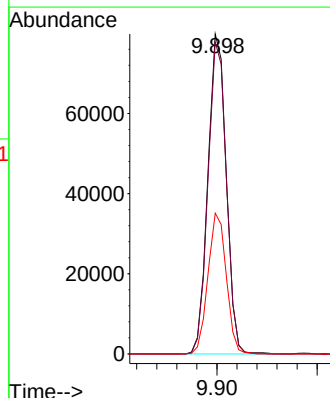
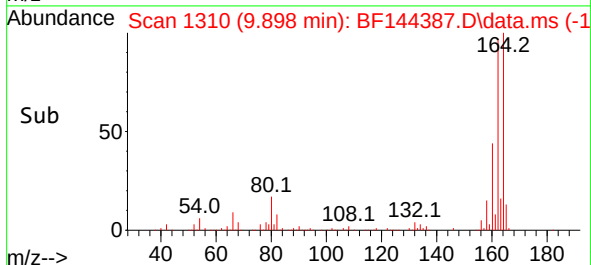
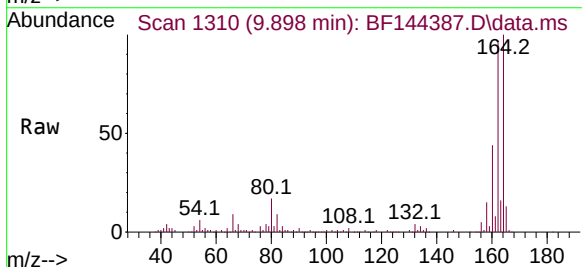
Tgt Ion:164 Resp: 101201

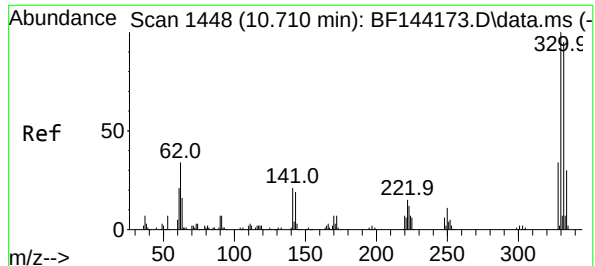
Ion Ratio Lower Upper

164 100

162 97.5 81.1 121.7

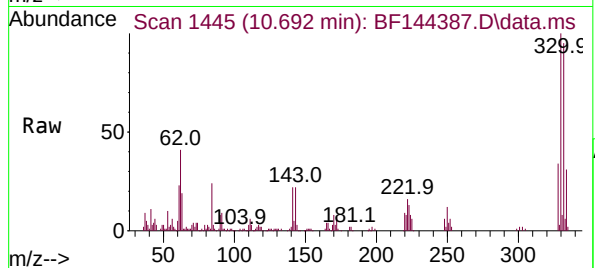
160 44.0 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 68.129 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15

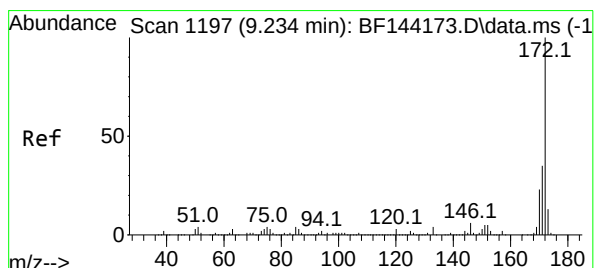
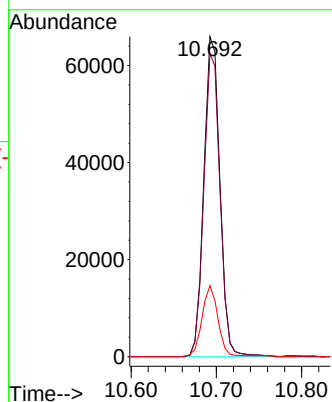
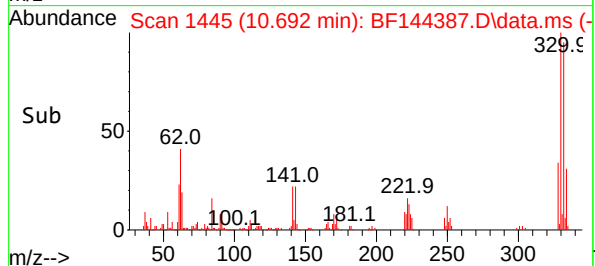
Instrument :
BNA_F
ClientSampleId :
WC1



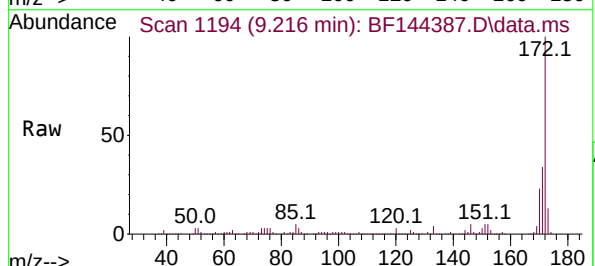
Tgt Ion: 330 Resp: 8652
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 22.3 17.8 26.8

Manual Integrations
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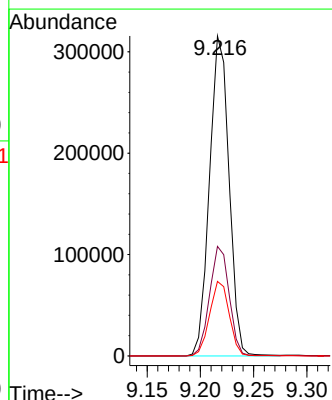
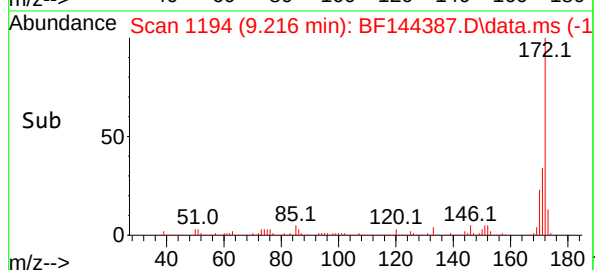
Reviewed By : Jagrut Upadhyay 12/02/2025
Supervised By : mohammad ahmed 12/03/2025

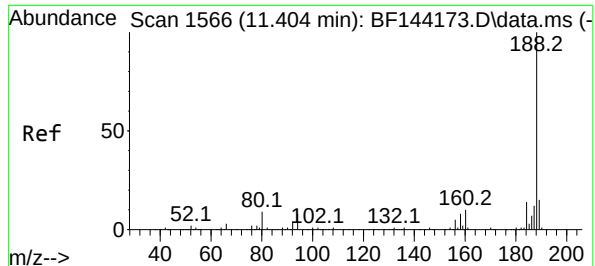


#45
2-Fluorobiphenyl
Concen: 58.774 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15



Tgt Ion: 172 Resp: 402726
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Instrument :

BNA_F

ClientSampleId :

WC1

Tgt Ion:188 Resp: 153674

Ion Ratio Lower Upper

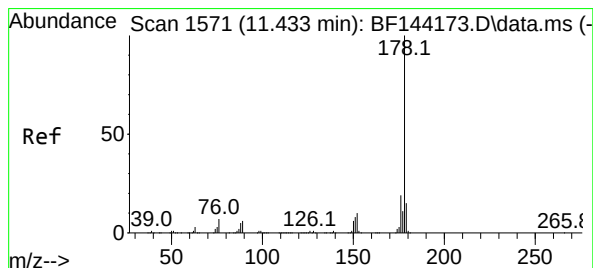
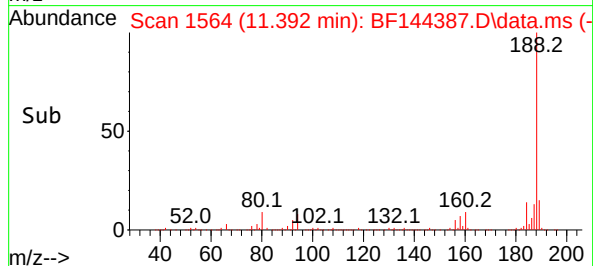
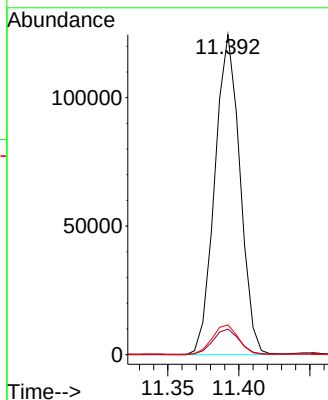
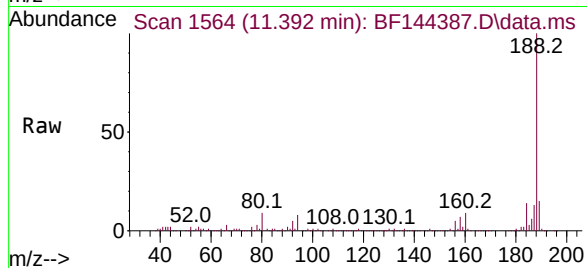
188 100

94 8.0 6.2 9.2

80 9.3 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#71

Phenanthrene

Concen: 6.021 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

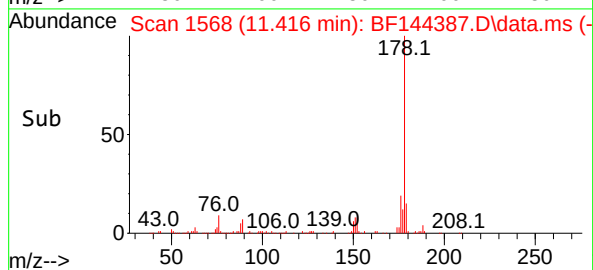
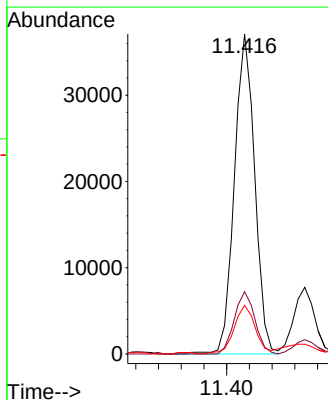
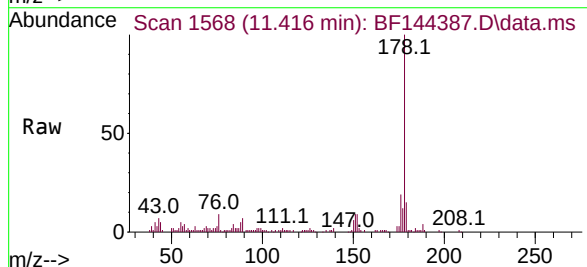
Tgt Ion:178 Resp: 46067

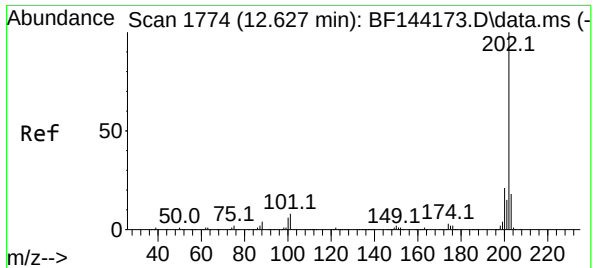
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.2 12.2 18.4





#75

Fluoranthene

Concen: 11.627 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Instrument :

BNA_F

ClientSampleId :

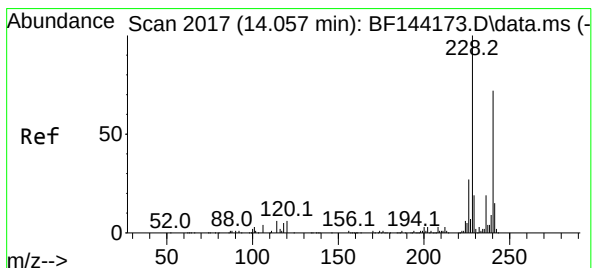
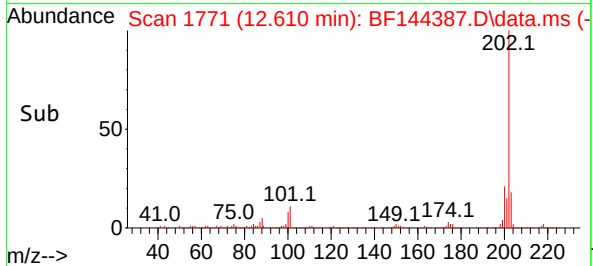
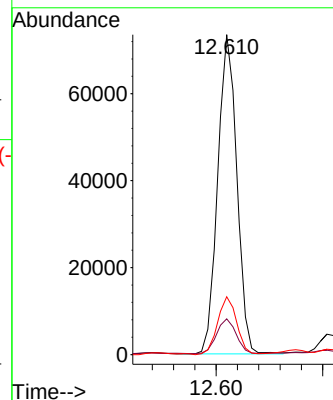
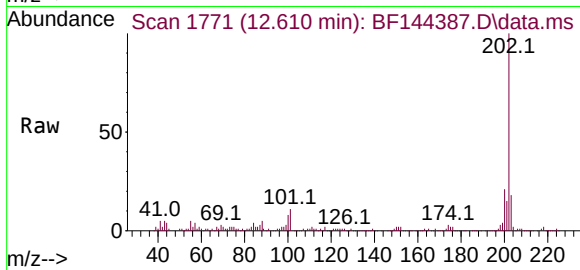
WC1

Tgt Ion:	202	Resp:	91898
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	27.9
203	18.1	0.0	37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#76

Chrysene-d12

Concen: 20.000 ng

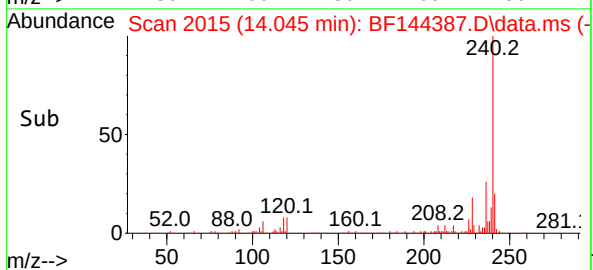
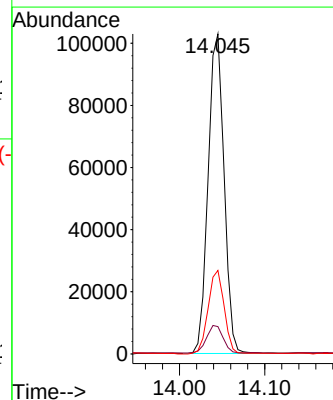
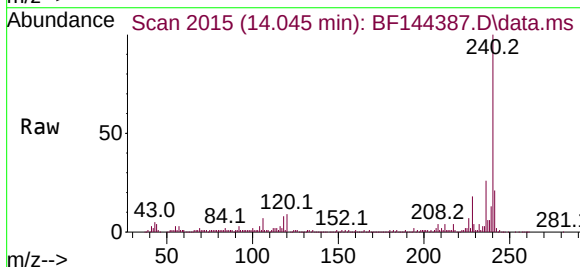
RT: 14.045 min Scan# 2015

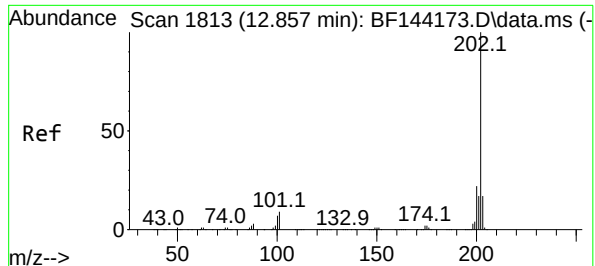
Delta R.T. -0.006 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

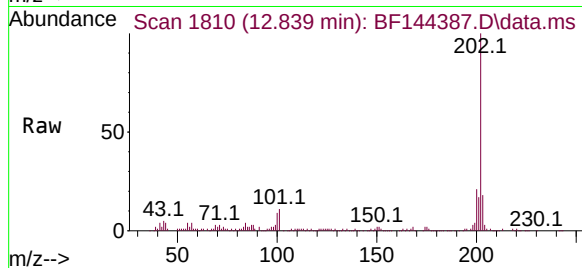
Tgt Ion:	240	Resp:	133822
Ion Ratio	Lower	Upper	
240	100		
120	8.5	6.6	10.0
236	26.1	21.4	32.2





#78
Pyrene
Concen: 7.942 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15

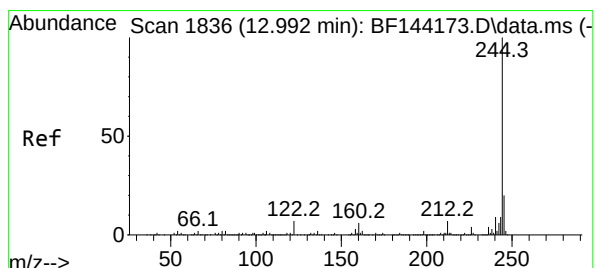
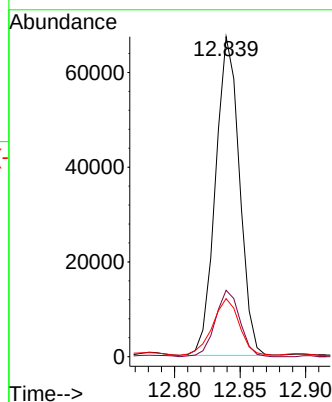
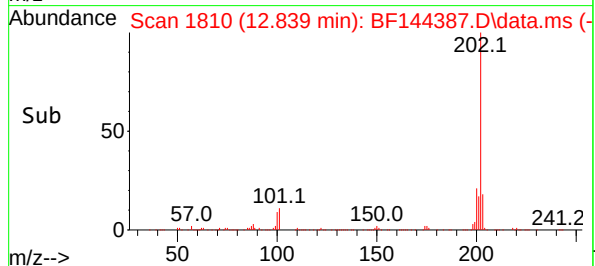
Instrument :
BNA_F
ClientSampleId :
WC1



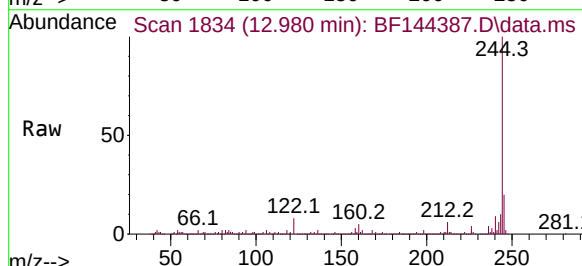
Tgt Ion:202 Resp: 85693
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 18.1 13.7 20.5

Manual Integrations
APPROVED

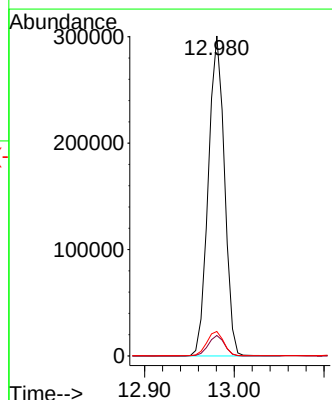
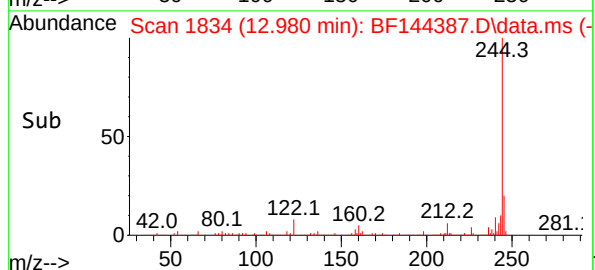
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

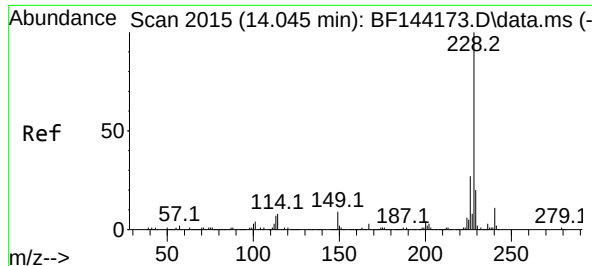


#79
Terphenyl-d14
Concen: 44.851 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144387.D
Acq: 01 Dec 2025 15:15



Tgt Ion:244 Resp: 377864
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 7.6 5.6 8.4





#81

Benzo(a)anthracene

Concen: 6.725 ng

RT: 14.033 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Instrument :

BNA_F

ClientSampleId :

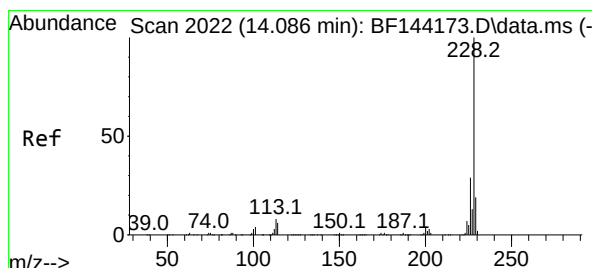
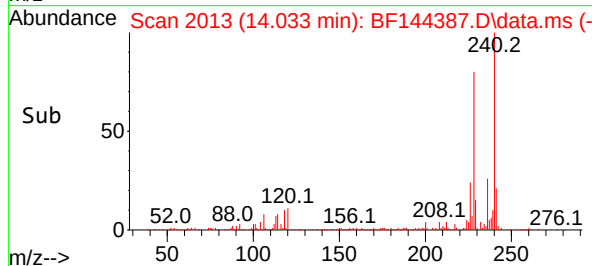
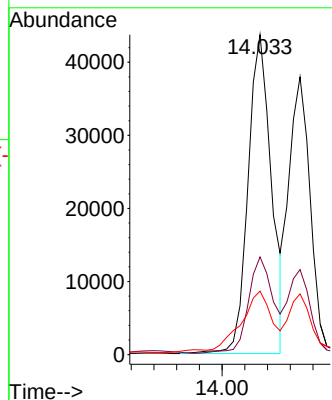
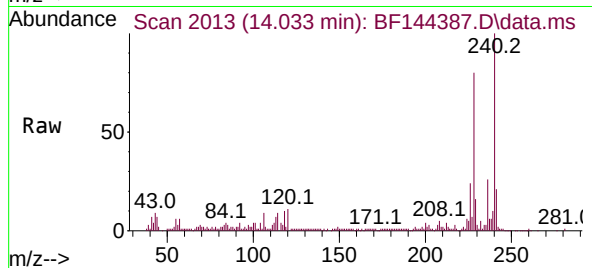
WC1

Tgt Ion:228	Resp: 62373
Ion Ratio	Lower Upper
228	100
226	30.5 21.8 32.8
229	19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#83

Chrysene

Concen: 5.727 ng

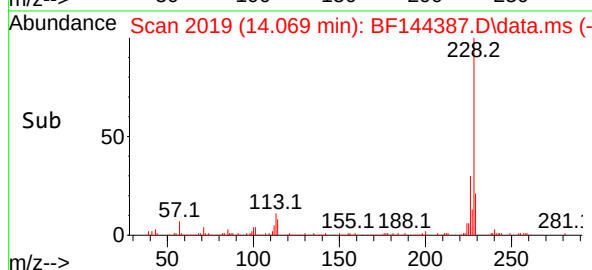
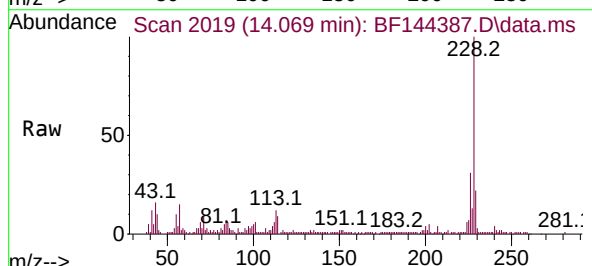
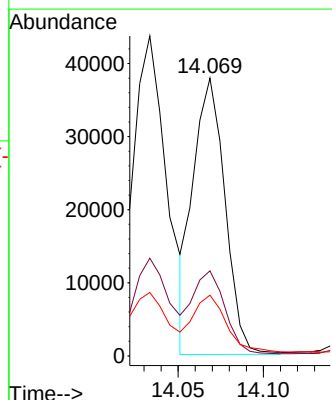
RT: 14.069 min Scan# 2019

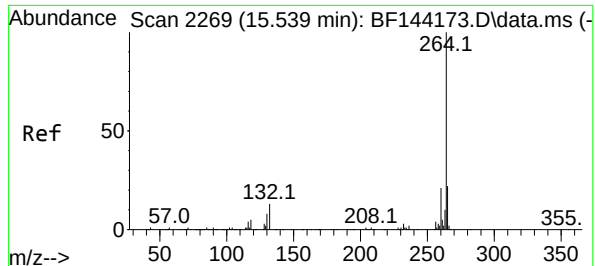
Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Tgt Ion:228	Resp: 49032
Ion Ratio	Lower Upper
228	100
226	30.6 22.9 34.3
229	21.9 15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Instrument :

BNA_F

ClientSampleId :

WC1

Tgt Ion:264 Resp: 166729

Ion Ratio Lower Upper

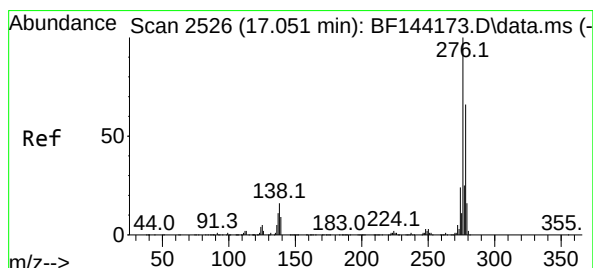
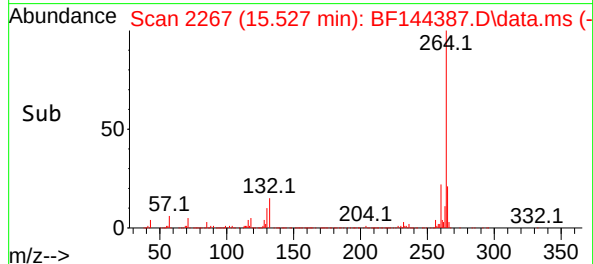
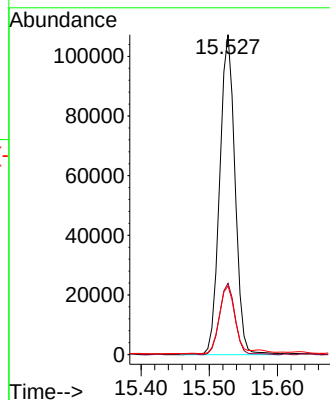
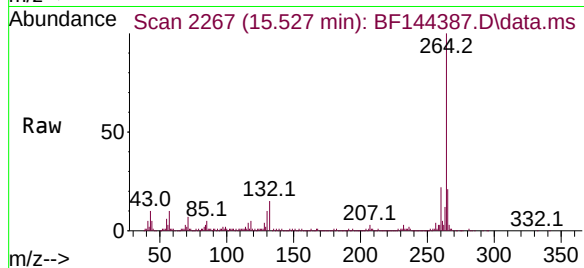
264 100

260 22.3 17.1 25.7

265 21.4 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#87

Indeno(1,2,3-cd)pyrene

Concen: 2.058 ng

RT: 17.021 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

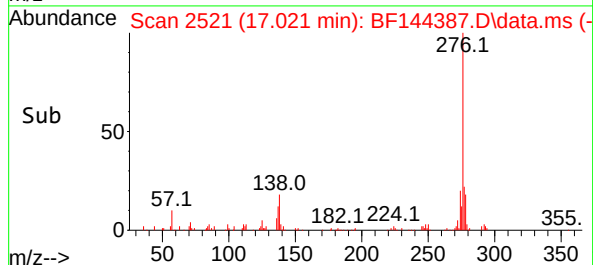
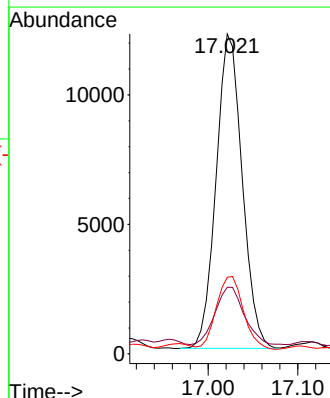
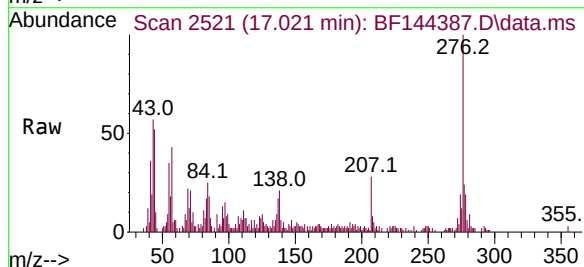
Tgt Ion:276 Resp: 24629

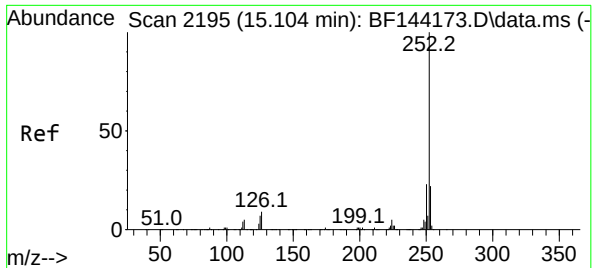
Ion Ratio Lower Upper

276 100

138 20.2 13.9 20.9

277 24.0 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 7.474 ng m

RT: 15.092 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Instrument :

BNA_F

ClientSampleId :

WC1

Tgt Ion:252 Resp: 70848

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

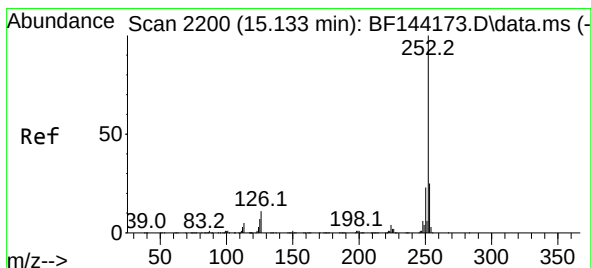
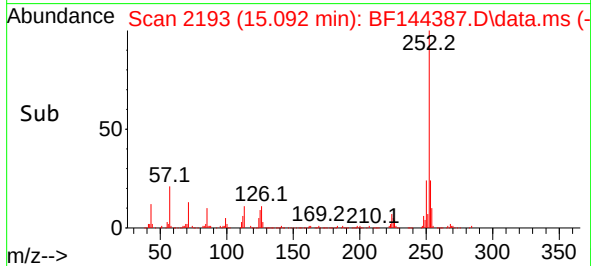
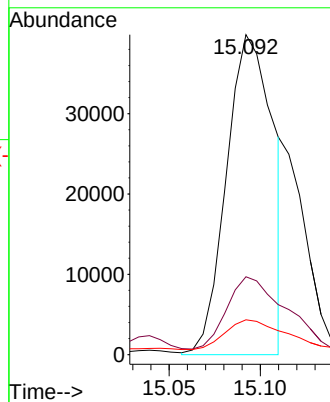
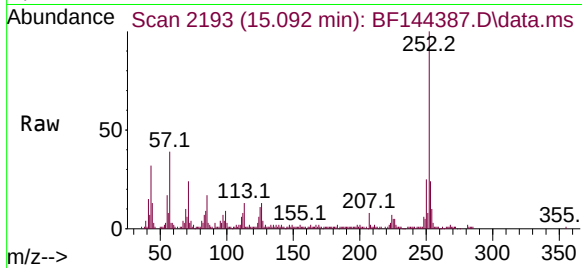
125 10.9 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#89

Benzo(k)fluoranthene

Concen: 2.574 ng m

RT: 15.110 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

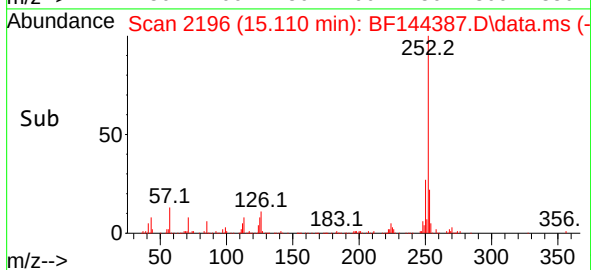
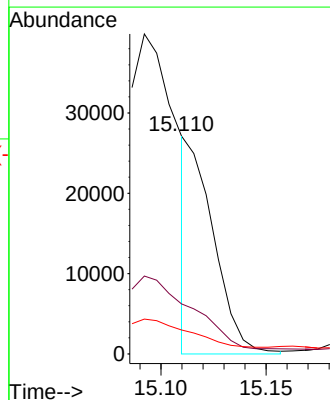
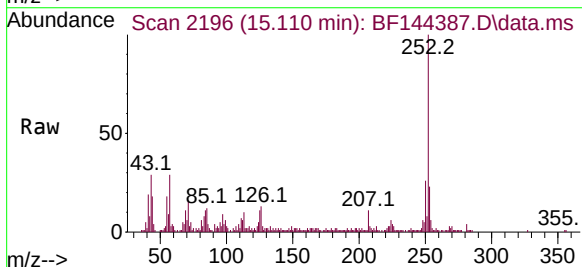
Tgt Ion:252 Resp: 22837

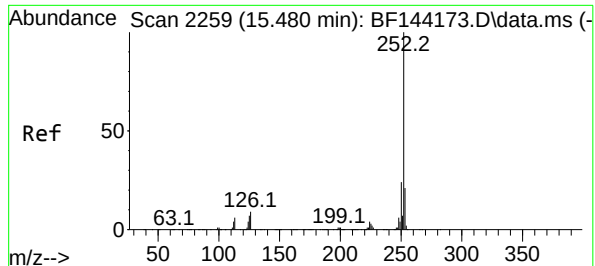
Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 11.0 5.4 8.2





#90

Benzo(a)pyrene

Concen: 5.559 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

Instrument :

BNA_F

ClientSampleId :

WC1

Tgt Ion:252 Resp: 48613

Ion Ratio Lower Upper

252 100

253 23.6 16.7 25.1

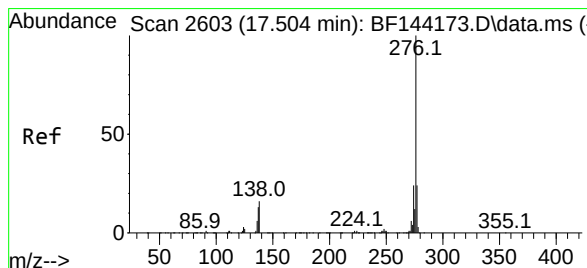
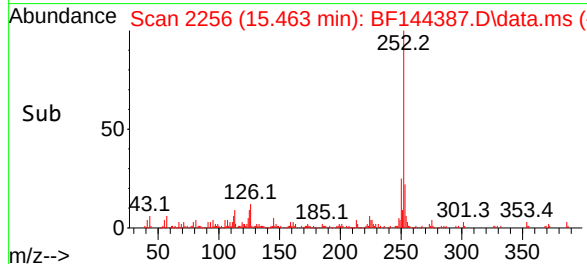
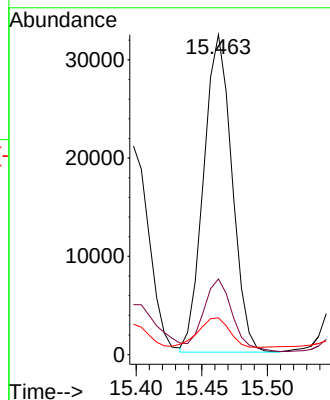
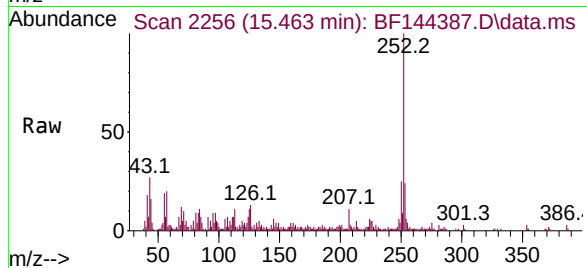
125 11.5 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#92

Benzo(g,h,i)perylene

Concen: 2.055 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144387.D

Acq: 01 Dec 2025 15:15

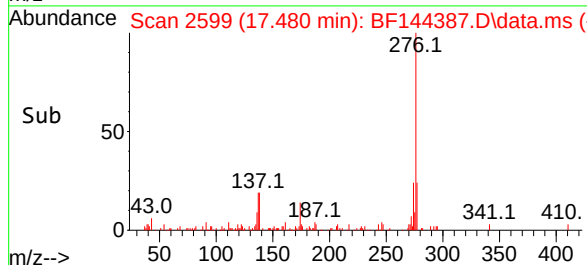
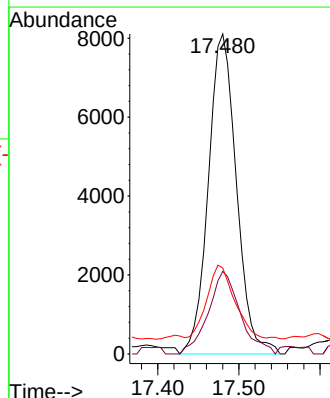
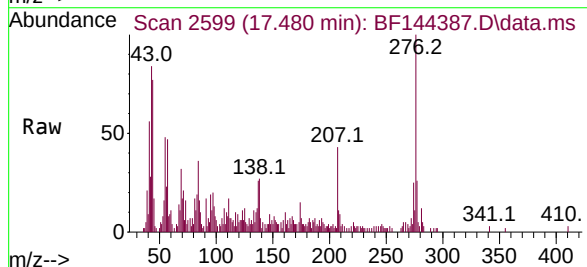
Tgt Ion:276 Resp: 19505

Ion Ratio Lower Upper

276 100

277 25.8 19.0 28.4

138 26.8 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.928	290	295	301	rVB	13395	21401	1.96%	0.184%
2	5.075	484	490	504	rVB	198800	292659	26.83%	2.510%
3	5.493	555	561	578	rBV	676134	932447	85.47%	7.998%
4	6.499	727	732	753	rBV	645881	949350	87.02%	8.143%
5	6.857	789	793	799	rBV	232349	299471	27.45%	2.569%
6	7.422	883	889	894	rBV	462423	584523	53.58%	5.014%
7	7.675	927	932	938	rBV	9835	13164	1.21%	0.113%
8	8.140	1006	1011	1025	rVB	292134	394852	36.19%	3.387%
9	8.357	1044	1048	1056	rVB4	9167	14911	1.37%	0.128%
10	9.216	1189	1194	1200	rBV	855025	1090923	100.00%	9.357%
11	9.898	1305	1310	1315	rBV	320715	409028	37.49%	3.508%
12	10.104	1342	1345	1349	rBV3	12806	19527	1.79%	0.167%
13	10.616	1427	1432	1436	rBV	102295	147860	13.55%	1.268%
14	10.692	1440	1445	1462	rVB2	466663	713310	65.39%	6.118%
15	11.392	1559	1564	1573	rBV2	294352	489687	44.89%	4.200%
16	11.469	1574	1577	1579	rBV	14019	18168	1.67%	0.156%
17	11.916	1647	1653	1660	rBV2	210140	330151	30.26%	2.832%
18	12.369	1727	1730	1734	rVB2	23803	29603	2.71%	0.254%
19	12.610	1767	1771	1776	rBV	170845	227887	20.89%	1.955%
20	12.704	1782	1787	1798	rVB4	80977	206597	18.94%	1.772%
21	12.839	1806	1810	1815	rVB	133045	176318	16.16%	1.512%
22	12.980	1829	1834	1843	rBV	730888	964491	88.41%	8.273%
23	13.133	1852	1860	1874	rBV	436709	1052679	96.49%	9.029%
24	13.492	1917	1921	1925	rBV	56764	109166	10.01%	0.936%
25	13.616	1937	1942	1950	rVB2	110937	207304	19.00%	1.778%
26	13.880	1983	1987	1993	rVB2	61296	106224	9.74%	0.911%
27	14.039	2009	2014	2018	rBV2	310887	500647	45.89%	4.294%
28	14.592	2104	2108	2113	rVB	67477	108974	9.99%	0.935%
29	15.092	2188	2193	2200	rBV	154838	322717	29.58%	2.768%
30	15.398	2242	2245	2248	rBV	41227	61187	5.61%	0.525%
31	15.457	2249	2255	2261	rVV	148187	354226	32.47%	3.038%
32	15.527	2262	2267	2280	rVB	289726	509411	46.70%	4.369%

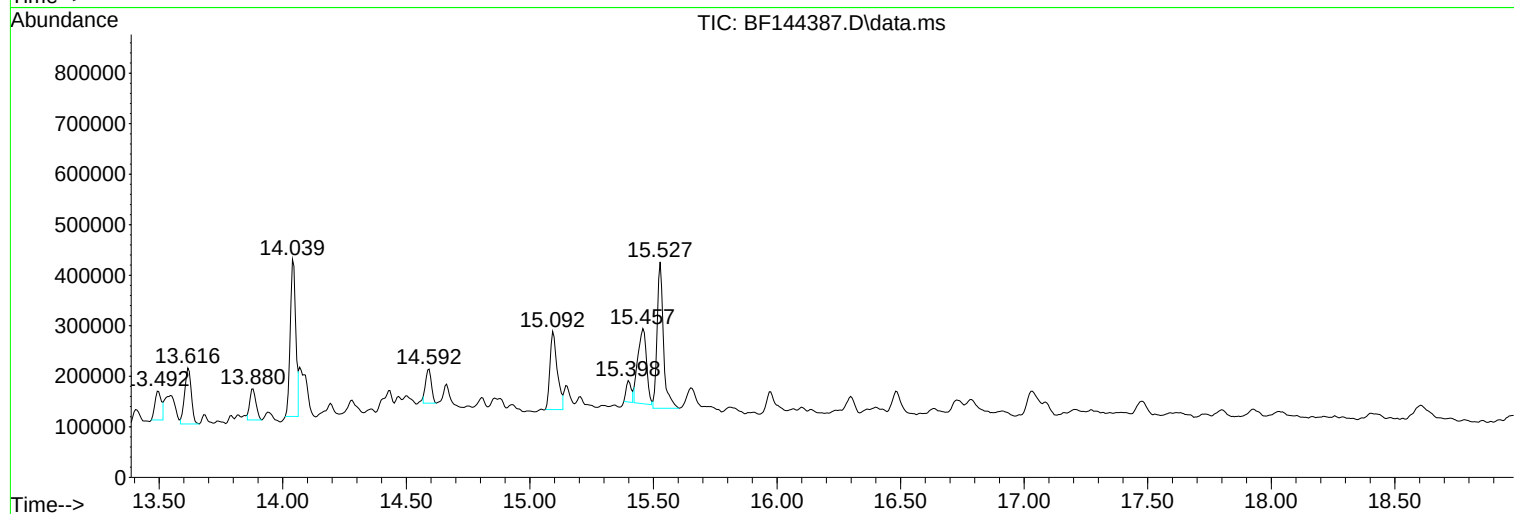
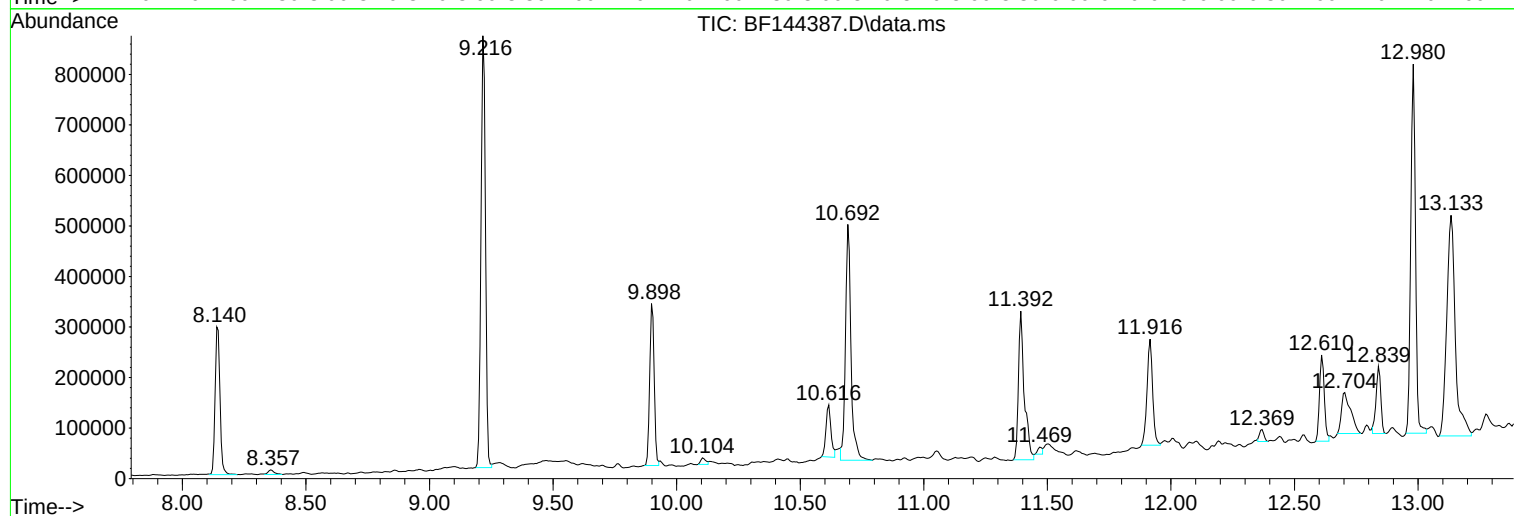
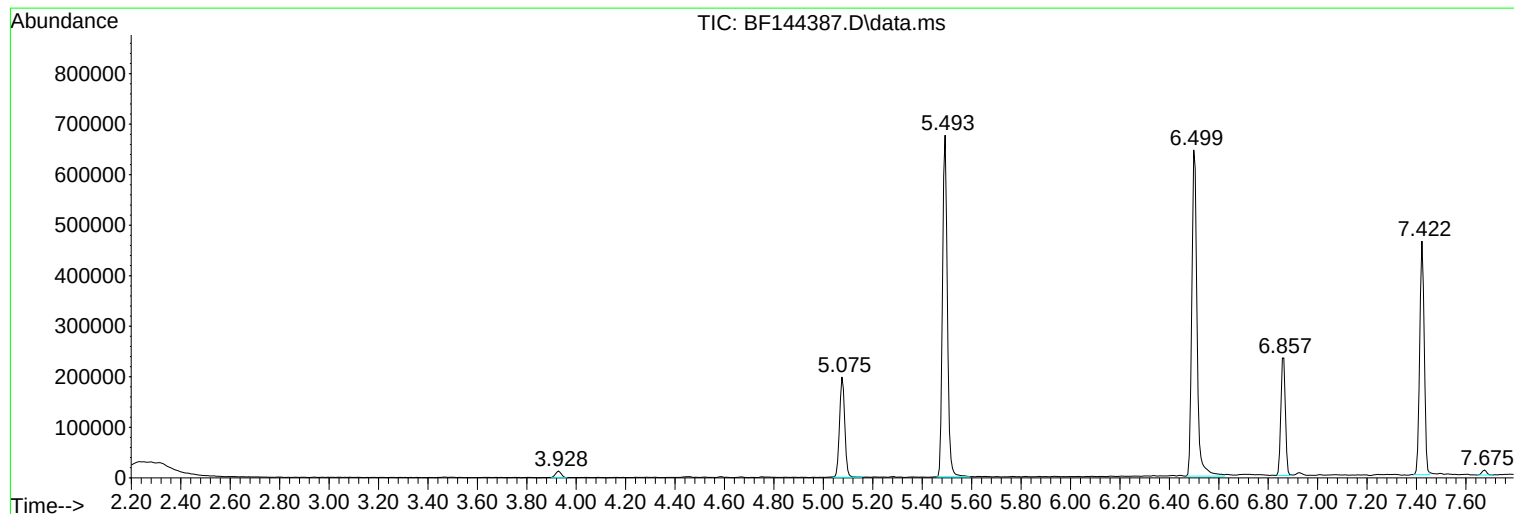
Sum of corrected areas: 11658863

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

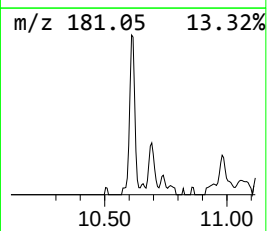
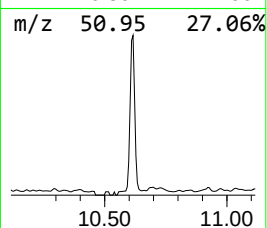
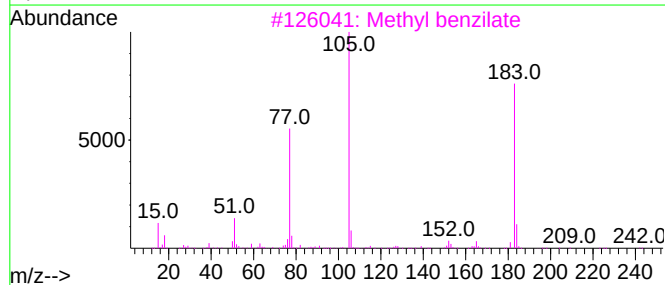
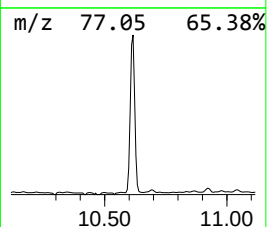
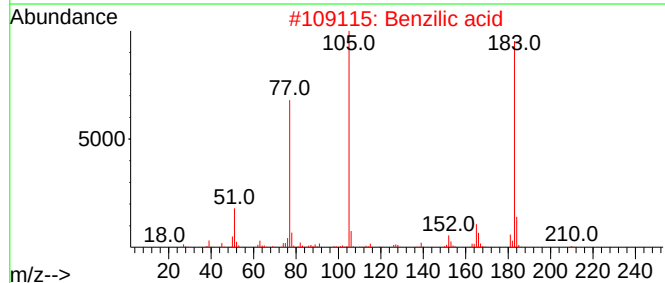
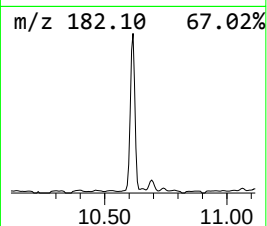
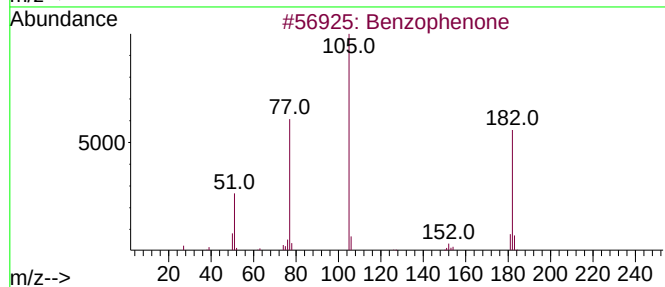
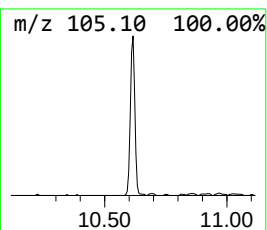
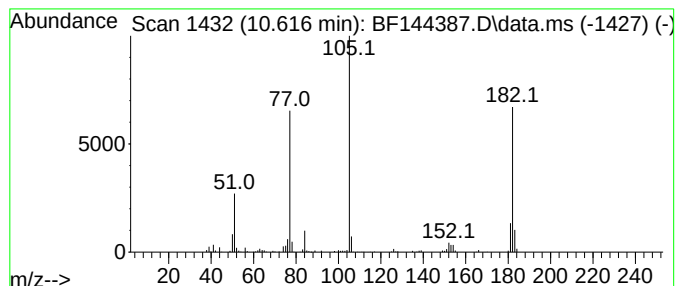
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	7.23 ng	147860	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzilic acid	228	C14H12O3	000076-93-7	43
3			Methyl benzilate	242	C15H14O3	000076-89-1	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

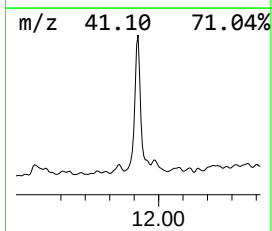
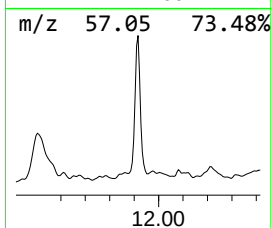
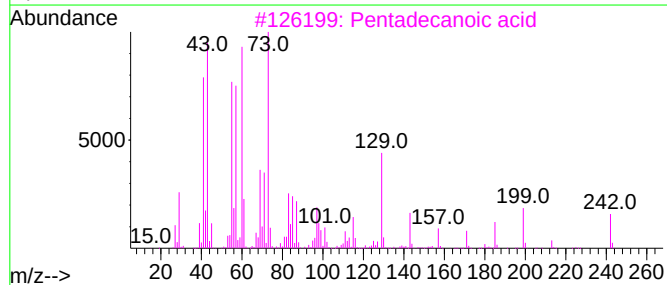
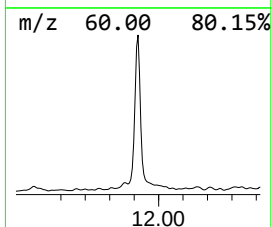
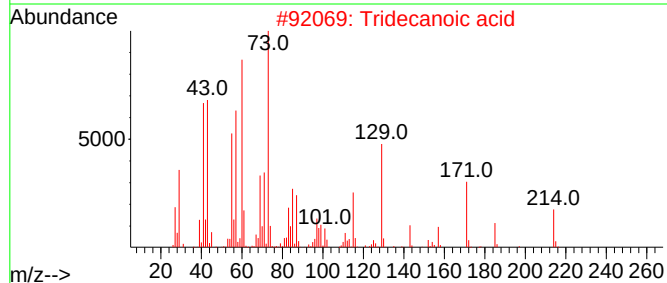
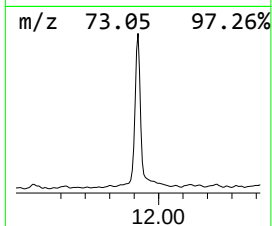
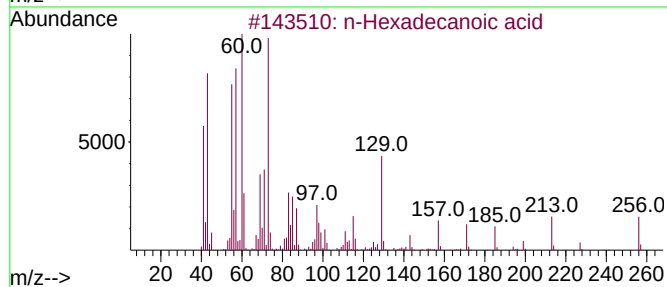
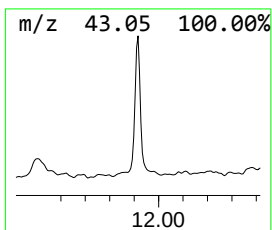
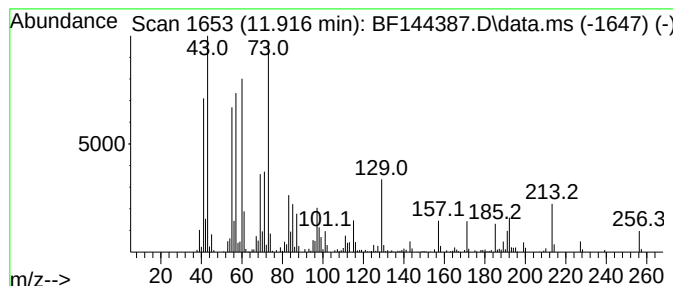
Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	13.48 ng	330151	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	62
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	60
5	Undecanoic acid		186	C11H22O2	000112-37-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

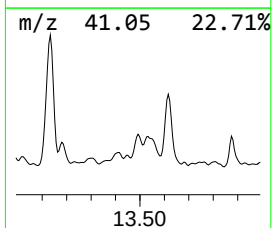
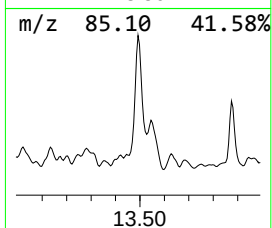
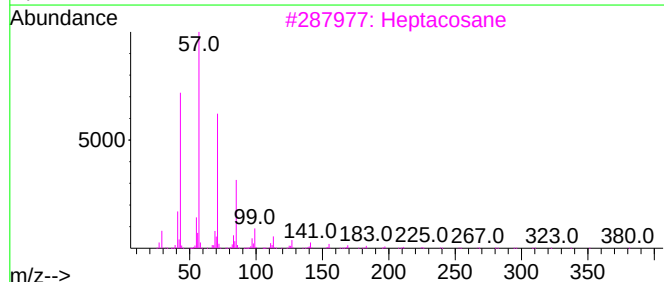
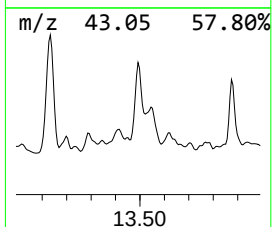
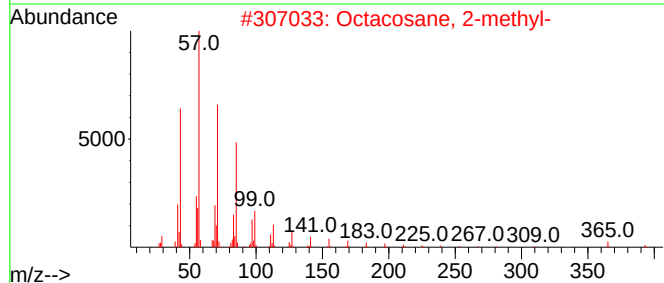
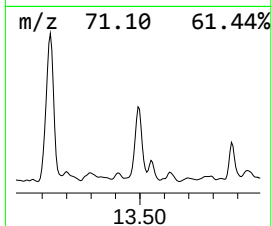
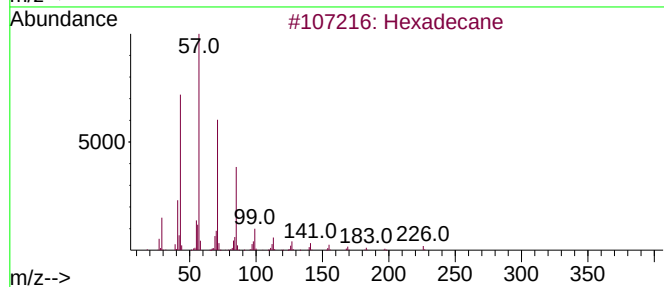
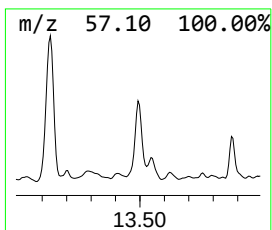
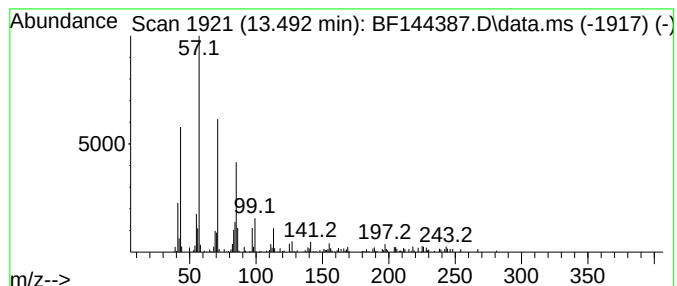
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.492	4.36 ng	109166	Chrysene-d12	14.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	68
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

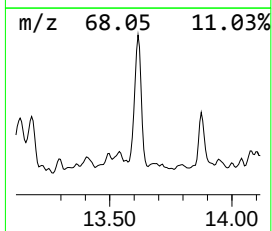
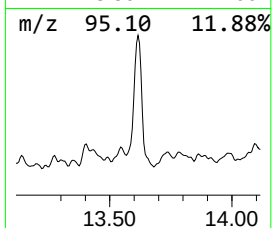
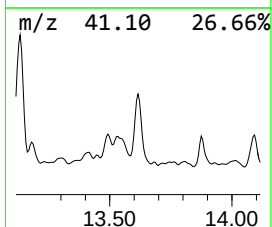
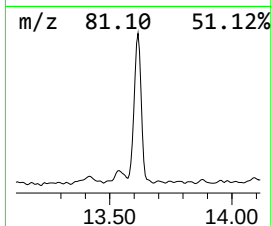
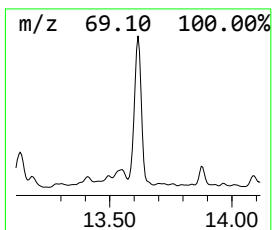
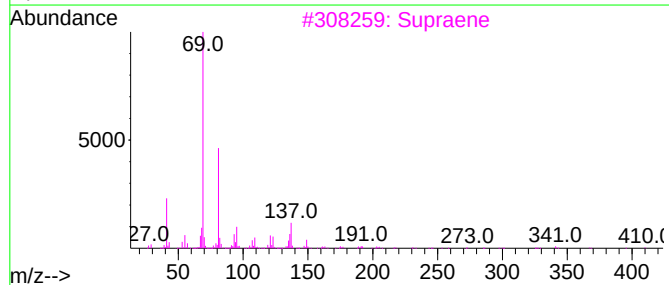
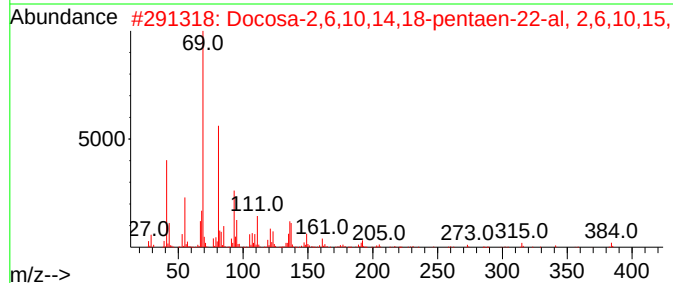
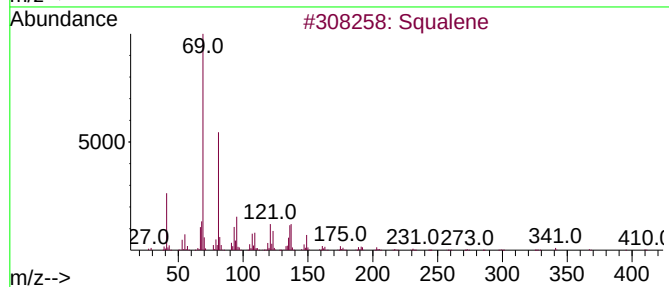
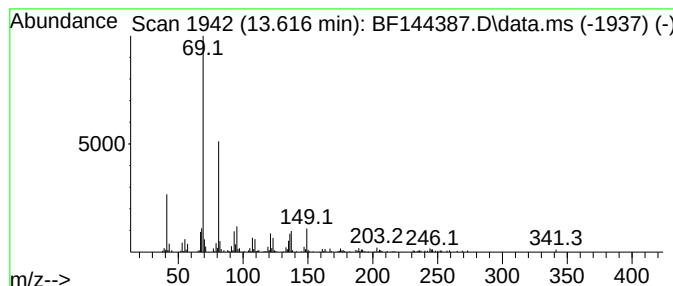
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	8.28 ng	207304	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	91
2			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
3			Supraene	410	C30H50	007683-64-9	68
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5			3,7-Dimethyl-1-phenylsulfonyl-2,...	278	C16H22O2S	1000432-27-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

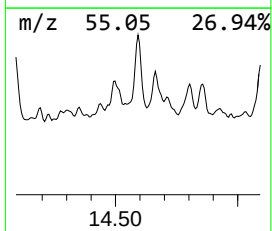
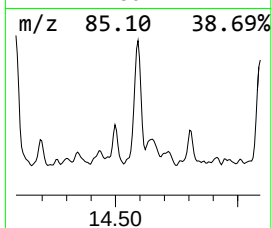
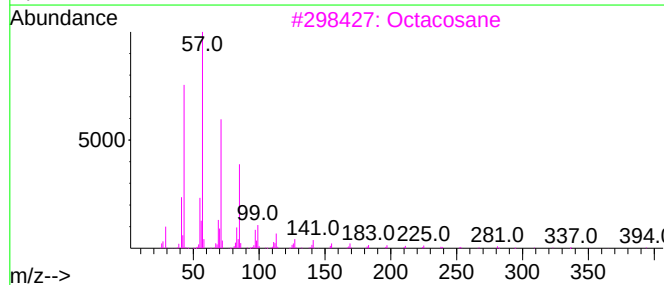
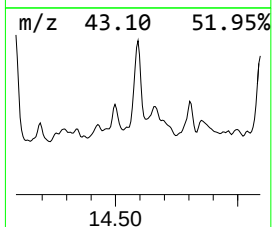
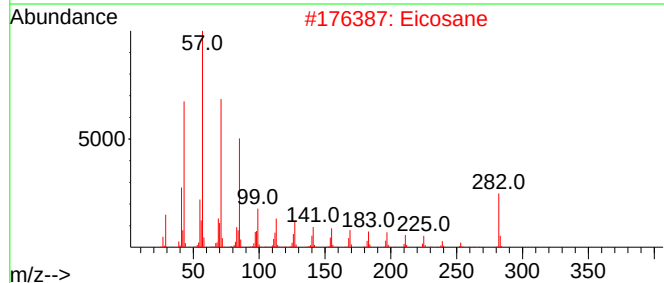
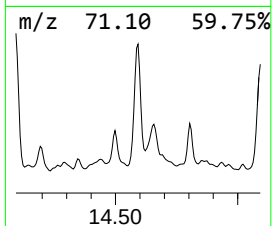
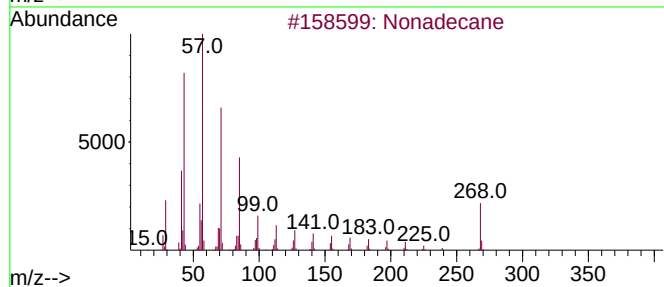
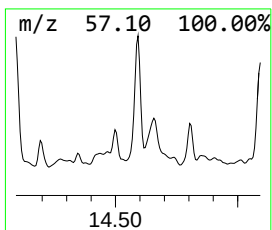
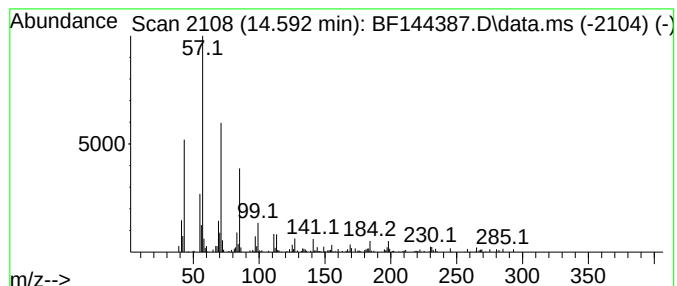
Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.592	4.35 ng	108974	Chrysene-d12		14.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Eicosane		282	C20H42	000112-95-8	87
3	Octacosane		394	C28H58	000630-02-4	87
4	Tetradecane		198	C14H30	000629-59-4	83
5	Heptacosane		380	C27H56	000593-49-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

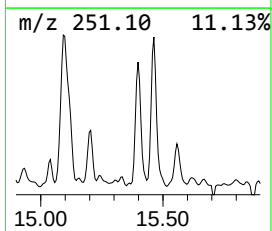
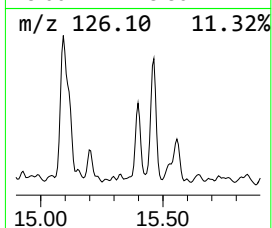
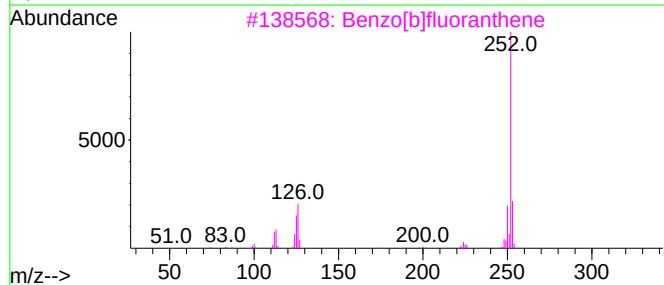
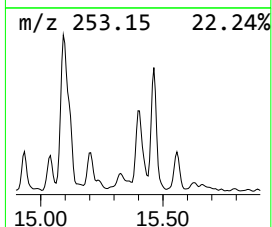
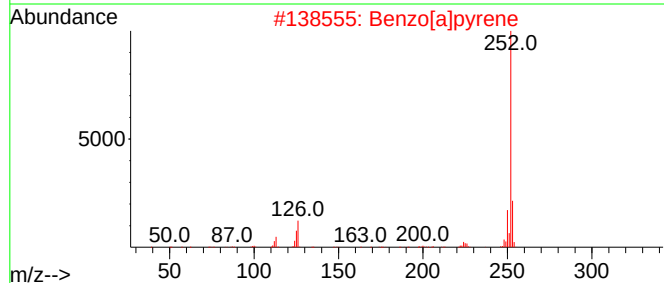
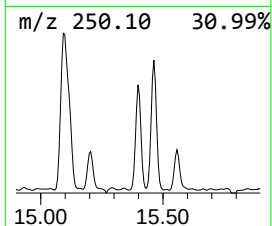
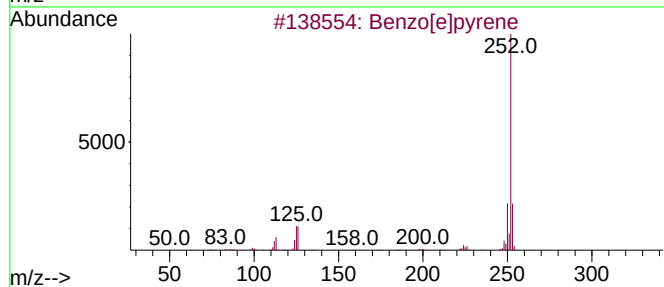
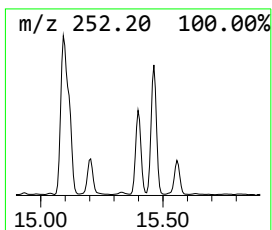
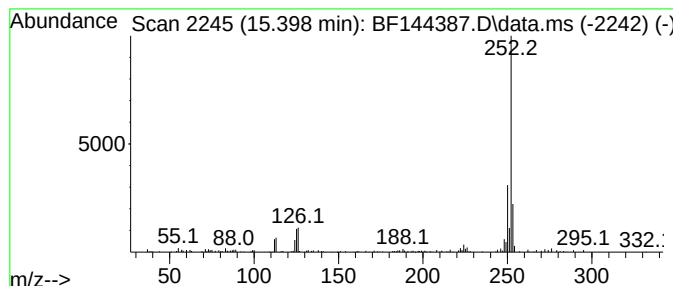
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	2.40 ng	61187	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144387.D
Acq On : 01 Dec 2025 15:15
Operator : RC/JU
Sample : Q3740-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.616	7.2	ng	147860	3	9.898	409028	20.0
n-Hexadecanoic ...	11.916	13.5	ng	330151	4	11.392	489687	20.0
Hexadecane	13.492	4.4	ng	109166	5	14.045	500647	20.0
Squalene	13.616	8.3	ng	207304	5	14.045	500647	20.0
Nonadecane	14.592	4.3	ng	108974	5	14.045	500647	20.0
Benzo[e]pyrene	15.398	2.4	ng	61187	6	15.527	509411	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144385.D
Acq On : 01 Dec 2025 14:11
Operator : RC/JU
Sample : PB170763BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 01 14:46:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58345	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	230427	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	129664	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	226587	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	143527	20.000	ng	0.00
86) Perylene-d12	15.527	264	171385	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	420221	112.708	ng	0.00
7) Phenol-d6	6.498	99	473970	112.193	ng	0.00
23) Nitrobenzene-d5	7.422	82	299644	75.104	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	173047	106.351	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	654860	74.592	ng	0.00
79) Terphenyl-d14	12.980	244	665212	73.619	ng	-0.01

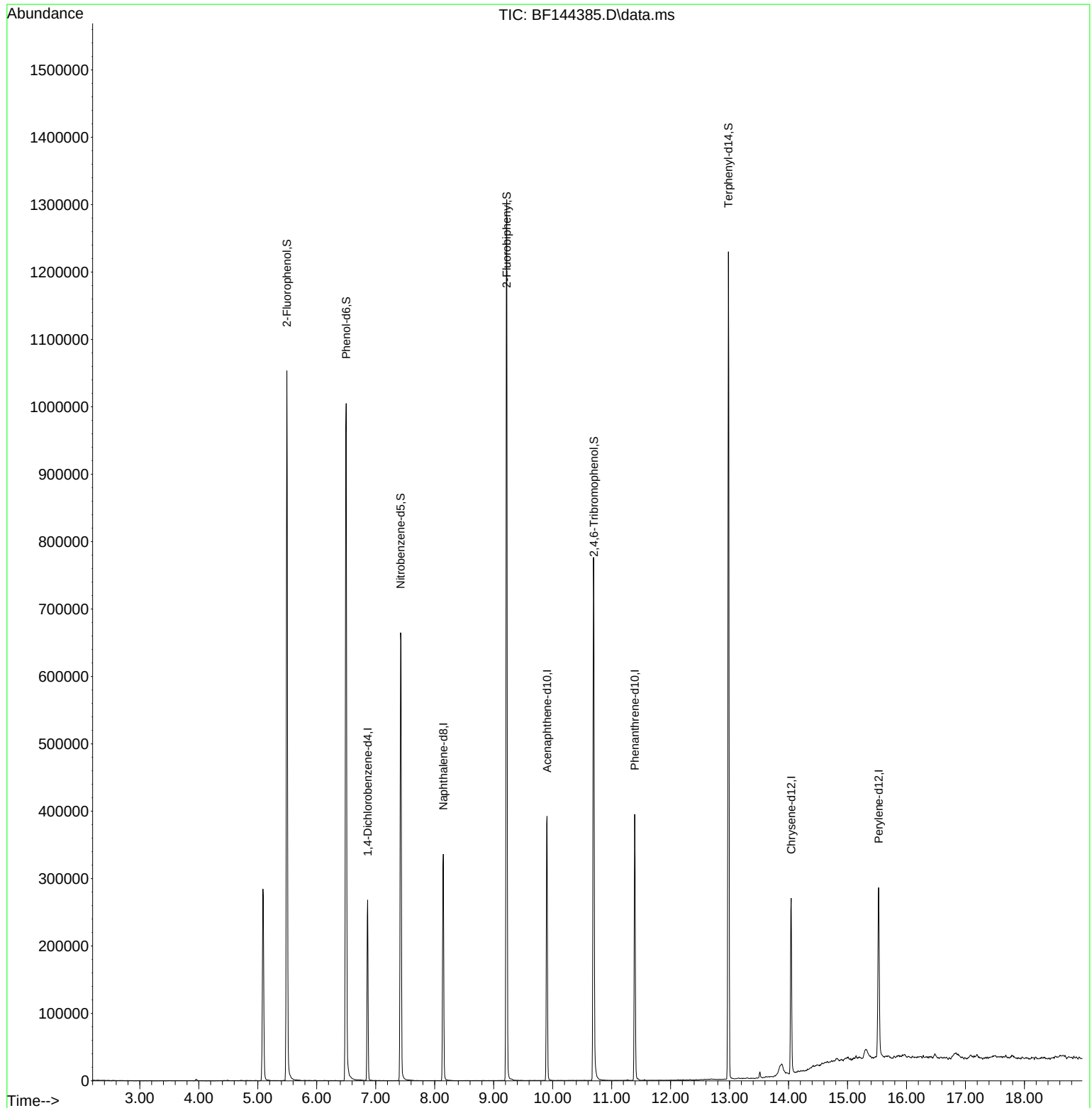
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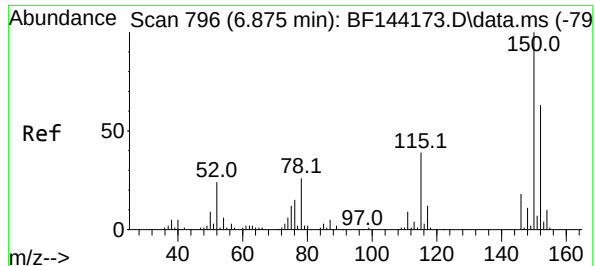
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144385.D
Acq On : 01 Dec 2025 14:11
Operator : RC/JU
Sample : PB170763BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Quant Time: Dec 01 14:46:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

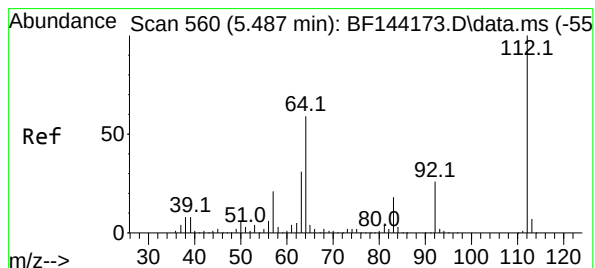
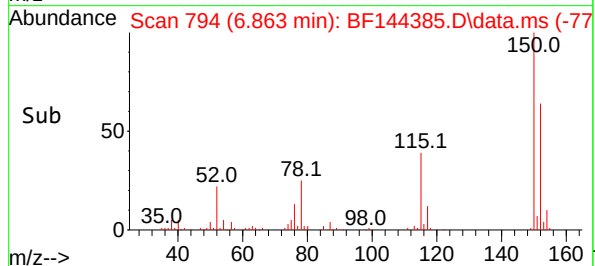
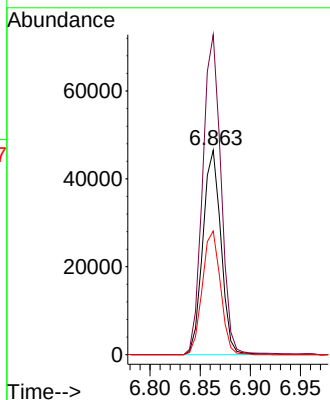
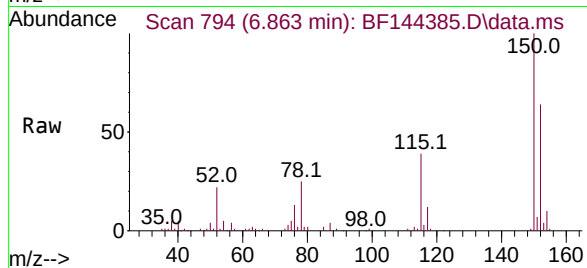




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

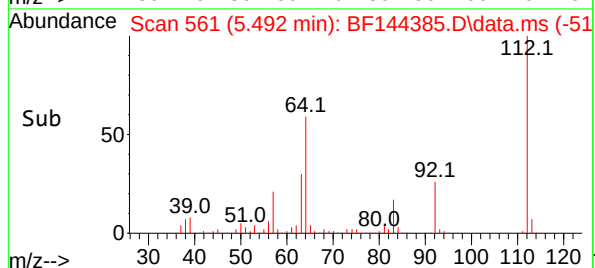
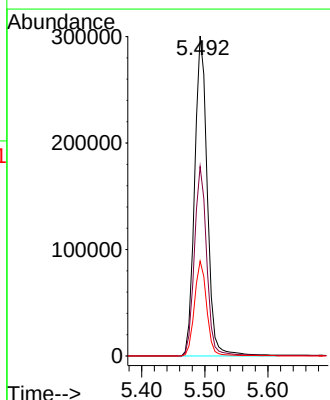
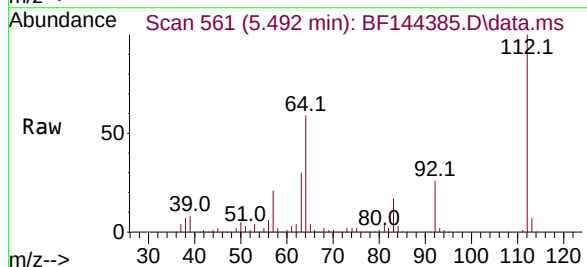
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ClientSampleId :
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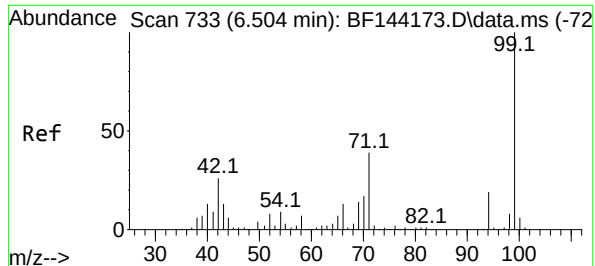
Tgt Ion:152 Resp: 58345
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 60.5 49.5 74.3



#5
2-Fluorophenol
Concen: 112.708 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

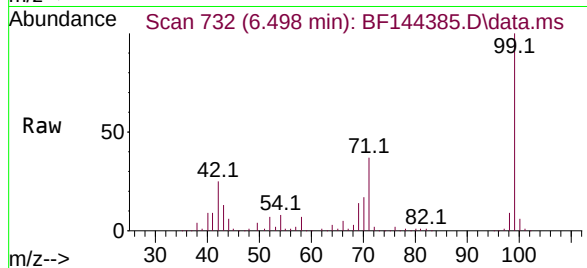
Tgt Ion:112 Resp: 420221
Ion Ratio Lower Upper
112 100
64 59.2 47.2 70.8
63 29.6 24.4 36.6



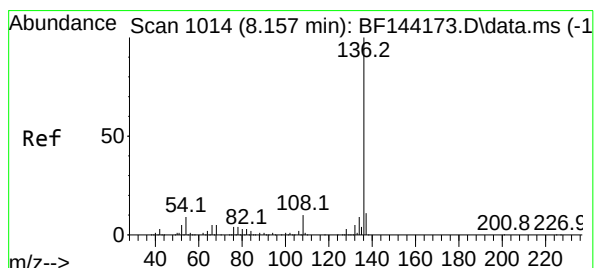
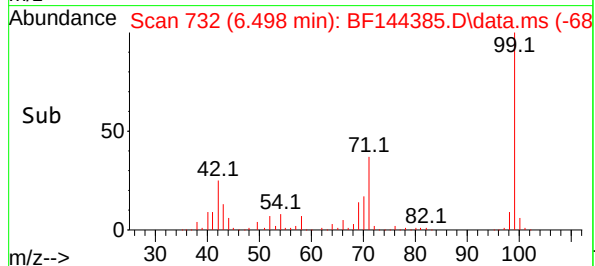
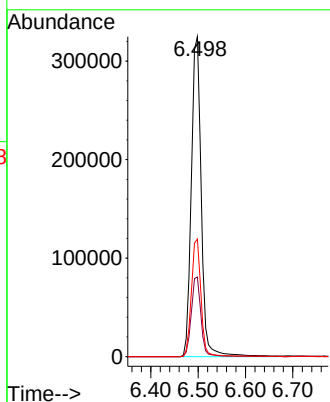


#7
Phenol-d6
Concen: 112.193 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Instrument :
BNA_F
ClientSampleId :
PB170763BL

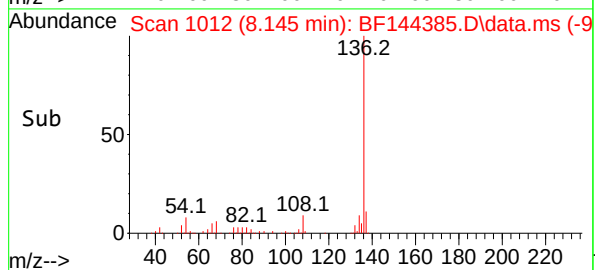
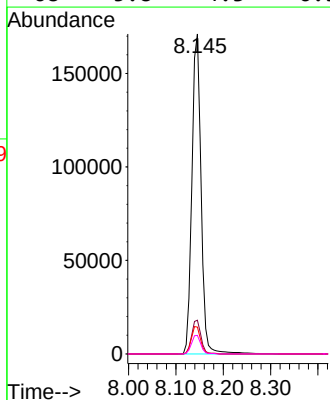
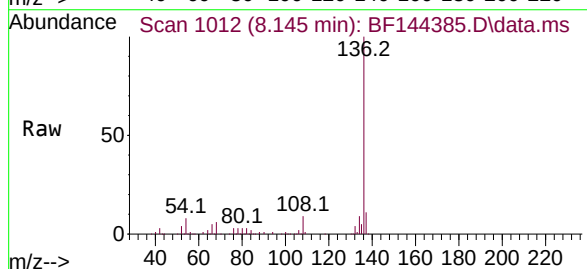


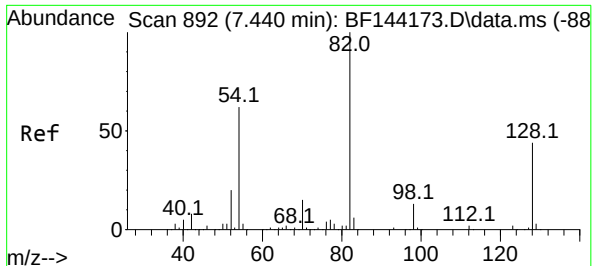
Tgt Ion: 99 Resp: 473970
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 36.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion: 136 Resp: 230427
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 7.0 10.6
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 75.104 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144385.D

Acq: 01 Dec 2025 14:11

Instrument :

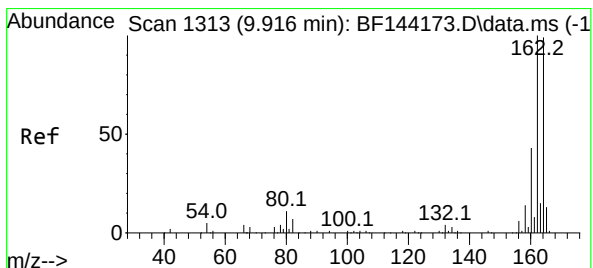
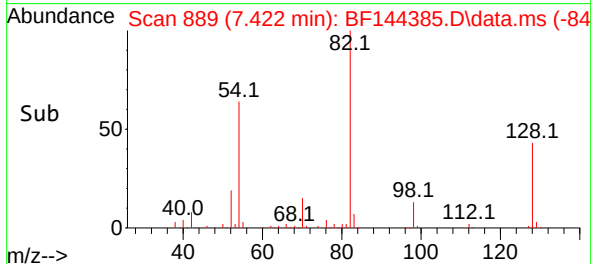
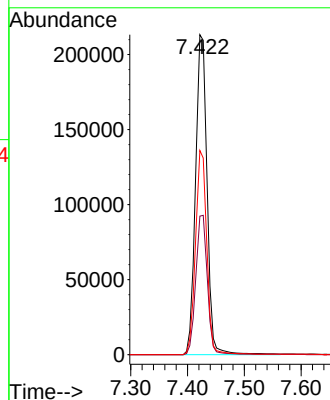
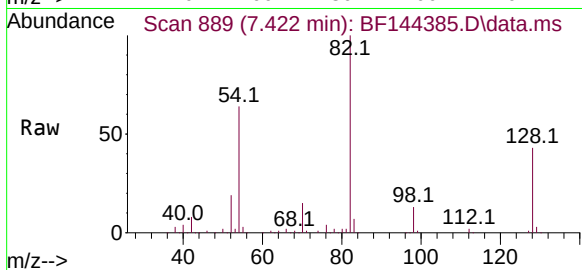
BNA_F

ClientSampleId :

PB170763BL

Tgt Ion: 82 Resp: 299644

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.7	52.1
54	63.8	49.5	74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

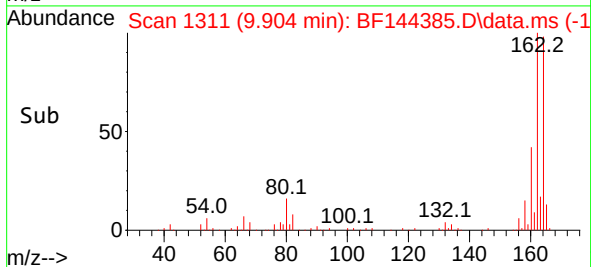
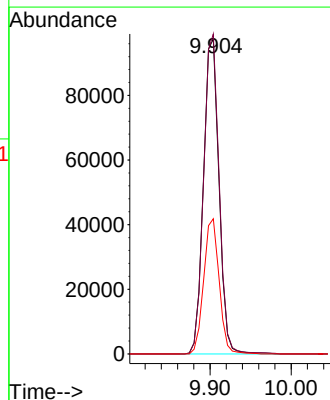
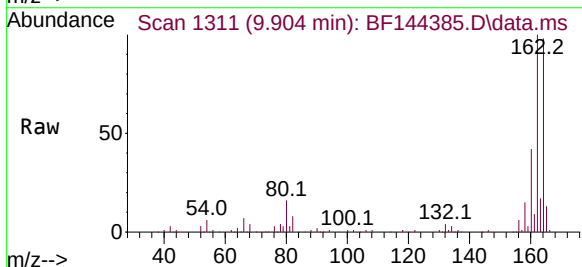
Delta R.T. -0.012 min

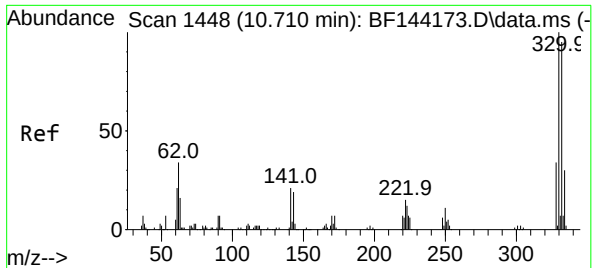
Lab File: BF144385.D

Acq: 01 Dec 2025 14:11

Tgt Ion: 164 Resp: 129664

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.1	121.7
160	42.9	34.5	51.7

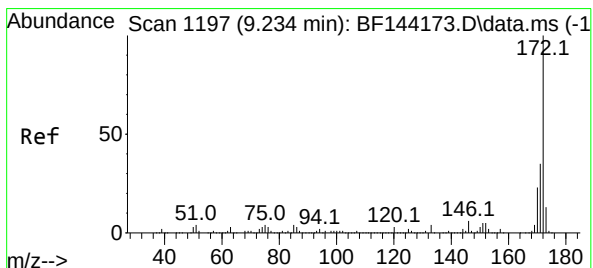
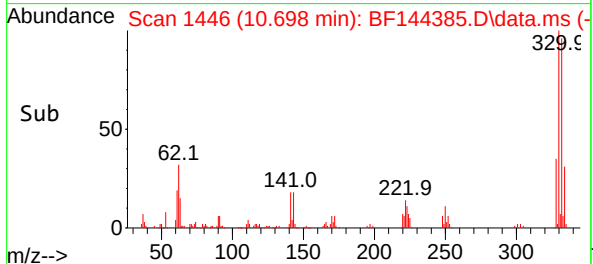
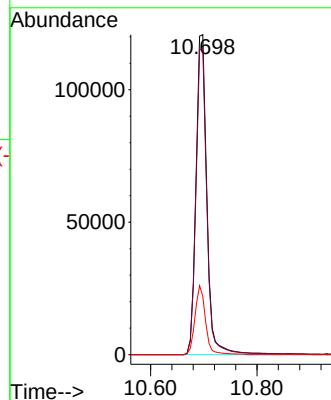
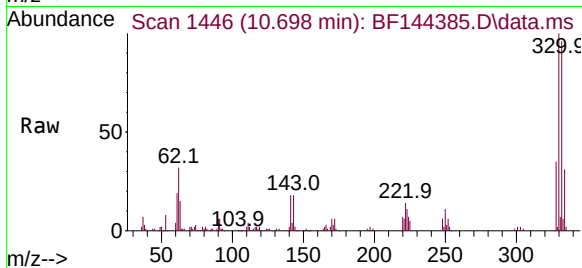




#42
 2,4,6-Tribromophenol
 Concen: 106.351 ng
 RT: 10.698 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF144385.D
 Acq: 01 Dec 2025 14:11

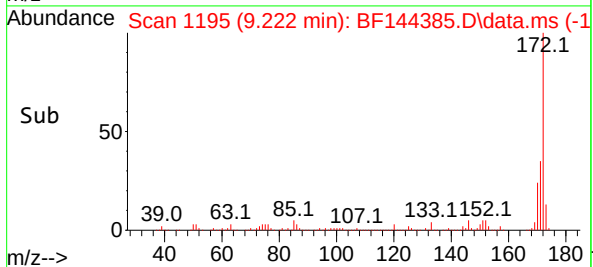
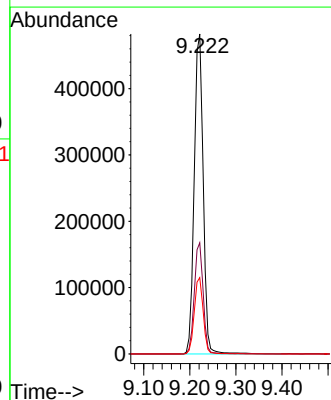
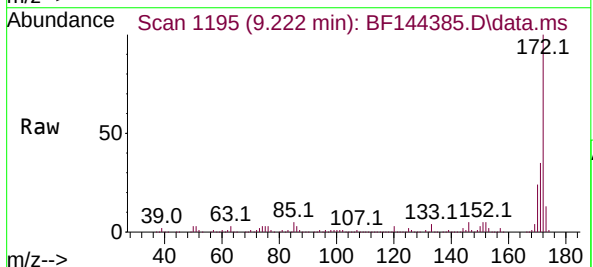
Instrument :
 BNA_F
 ClientSampleId :
 PB170763BL

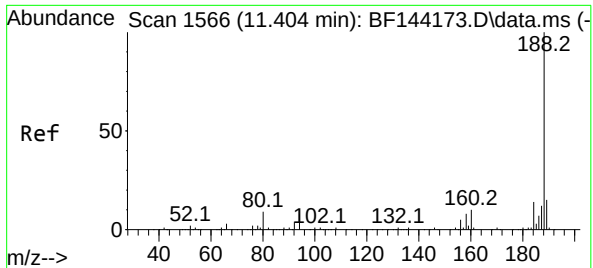
Tgt Ion:330 Resp: 173047
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 20.6 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 74.592 ng
 RT: 9.222 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BF144385.D
 Acq: 01 Dec 2025 14:11

Tgt Ion:172 Resp: 654860
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.1 42.1
 170 23.8 18.6 28.0

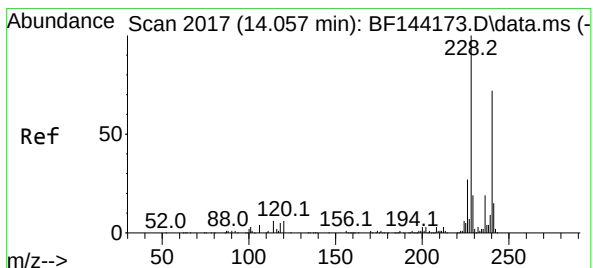
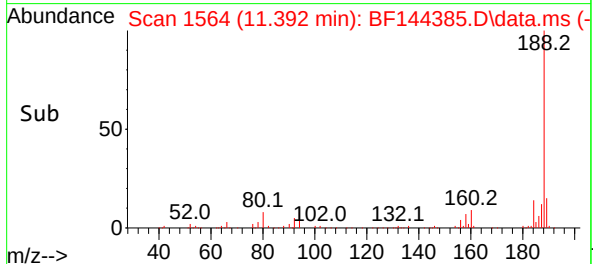
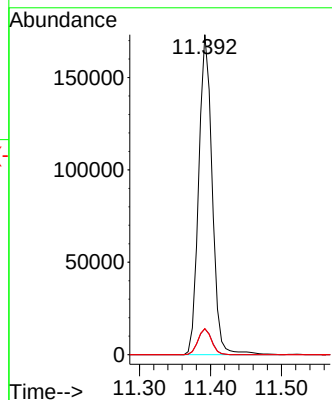
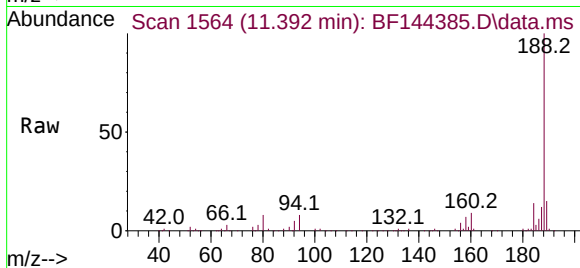




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

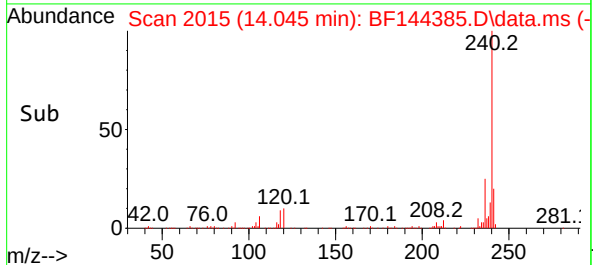
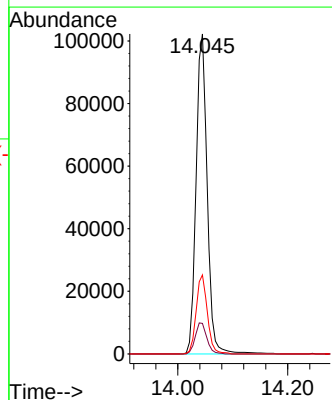
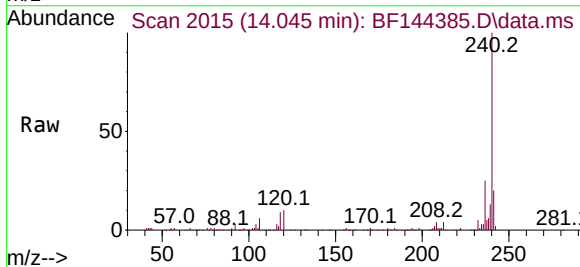
Instrument :
BNA_F
ClientSampleId :
PB170763BL

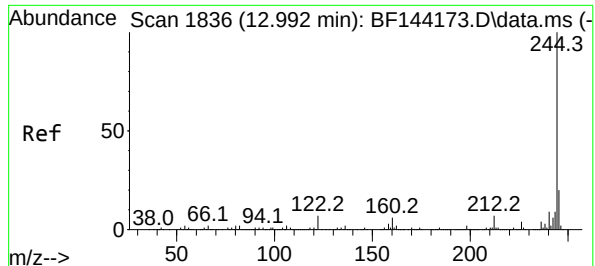
Tgt Ion:188 Resp: 226587
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144385.D
Acq: 01 Dec 2025 14:11

Tgt Ion:240 Resp: 143527
Ion Ratio Lower Upper
240 100
120 9.5 6.6 10.0
236 24.7 21.4 32.2





#79

Terphenyl-d14

Concen: 73.619 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144385.D

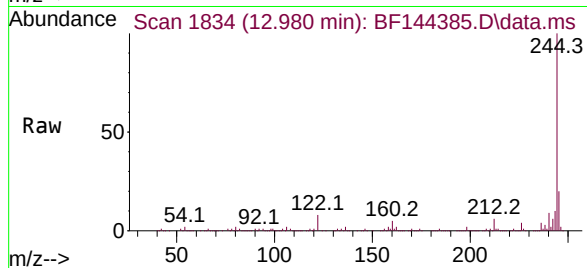
Acq: 01 Dec 2025 14:11

Instrument :

BNA_F

ClientSampleId :

PB170763BL



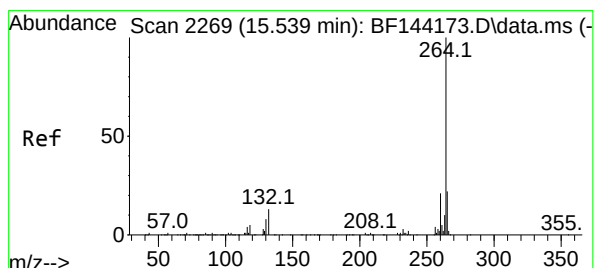
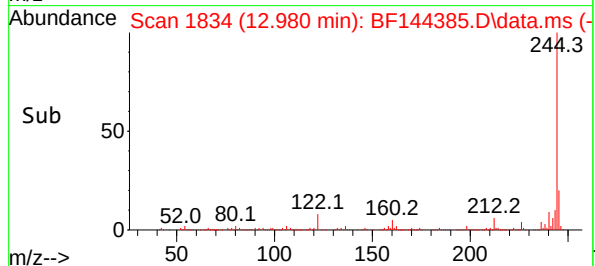
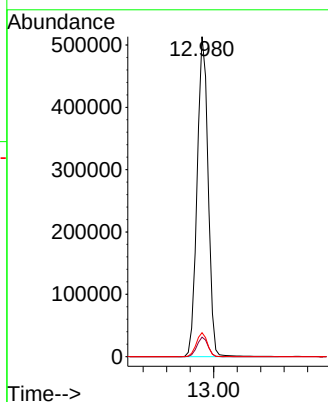
Tgt Ion:244 Resp: 665212

Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 7.5 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF144385.D

Acq: 01 Dec 2025 14:11

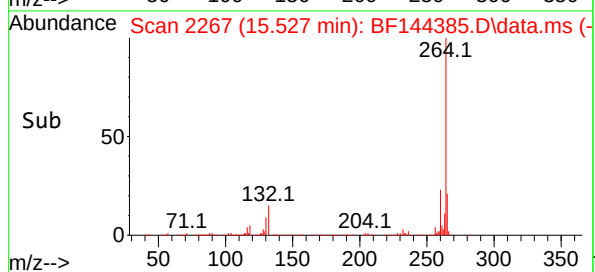
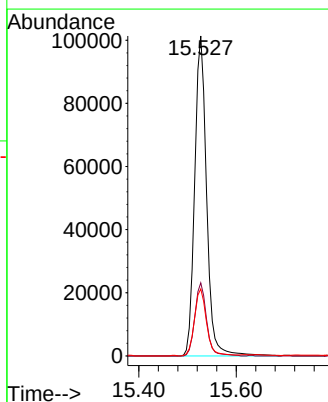
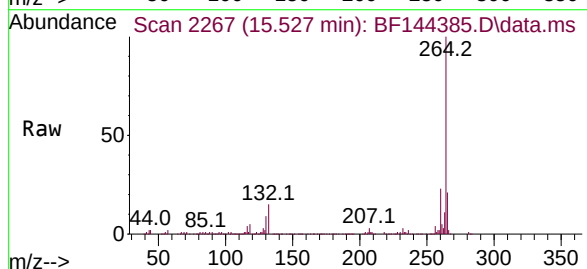
Tgt Ion:264 Resp: 171385

Ion Ratio Lower Upper

264 100

260 22.8 17.1 25.7

265 20.9 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144385.D
 Acq On : 01 Dec 2025 14:11
 Operator : RC/JU
 Sample : PB170763BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170763BL

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	486	492	506	rBV	284344	459173	26.18%	4.041%
2	5.492	556	561	588	rBV	1053203	1440291	82.12%	12.676%
3	6.498	726	732	758	rBV	1005016	1441100	82.17%	12.683%
4	6.863	789	794	801	rBV	267957	337243	19.23%	2.968%
5	7.422	884	889	909	rBV	664638	924090	52.69%	8.133%
6	8.145	1006	1012	1020	rBV	336025	444566	25.35%	3.913%
7	9.222	1189	1195	1207	rBV	1307133	1753853	100.00%	15.436%
8	9.904	1305	1311	1321	rBV	392111	519235	29.61%	4.570%
9	10.692	1440	1445	1463	rBV	776196	1070362	61.03%	9.421%
10	11.392	1559	1564	1572	rBV	395088	509314	29.04%	4.483%
11	12.980	1828	1834	1839	rBV	1227800	1576201	89.87%	13.873%
12	13.886	1969	1988	1999	rBV5	17907	98915	5.64%	0.871%
13	14.045	2009	2015	2024	rBV	260770	367703	20.97%	3.236%
14	15.527	2261	2267	2281	rBV	250974	419968	23.95%	3.696%

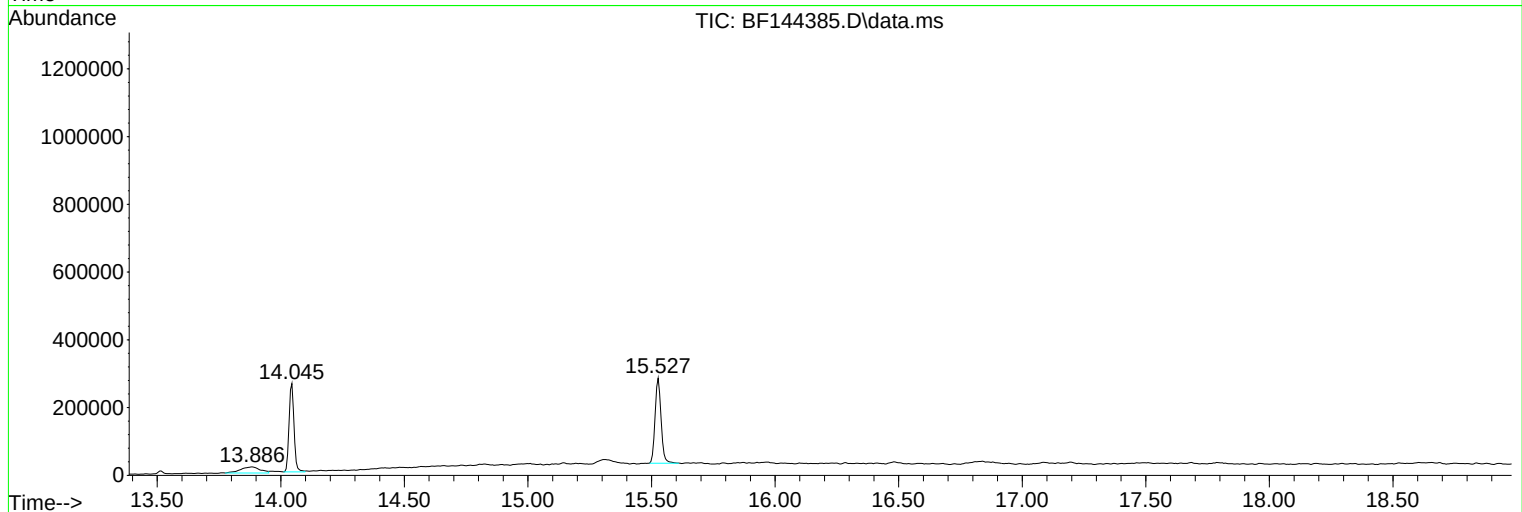
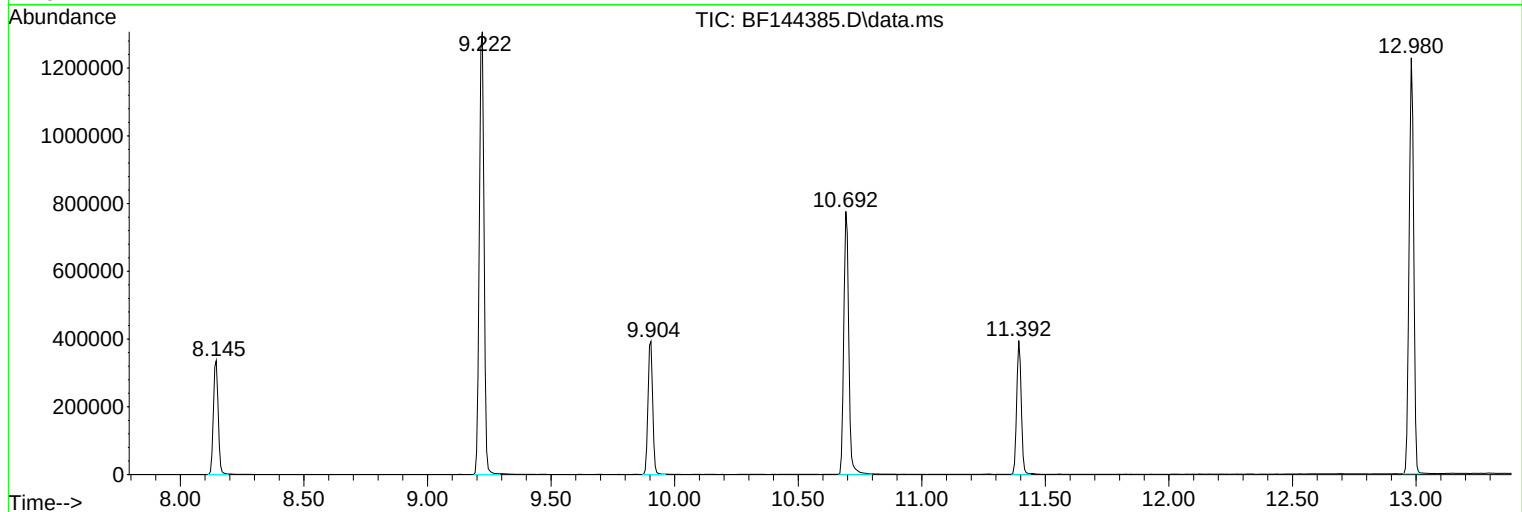
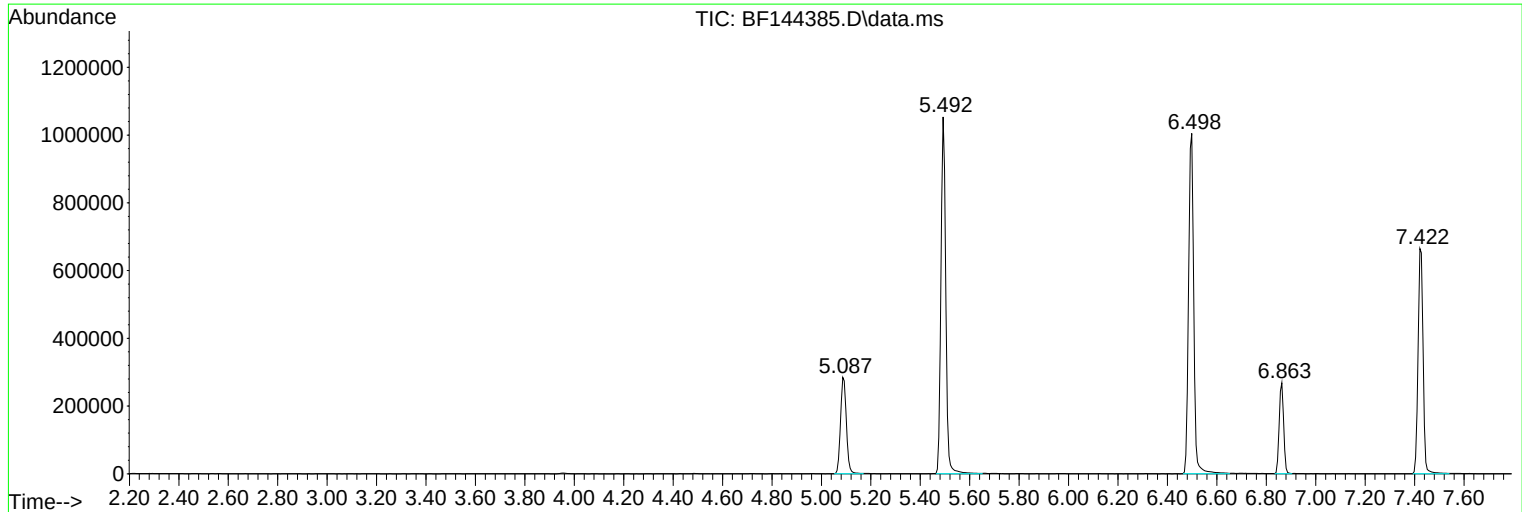
Sum of corrected areas: 11362014

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144385.D
Acq On : 01 Dec 2025 14:11
Operator : RC/JU
Sample : PB170763BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144385.D
Acq On : 01 Dec 2025 14:11
Operator : RC/JU
Sample : PB170763BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BL

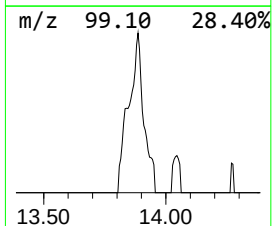
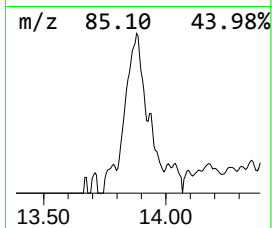
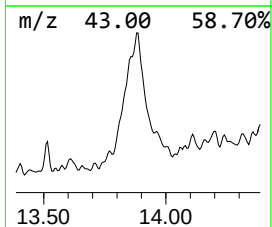
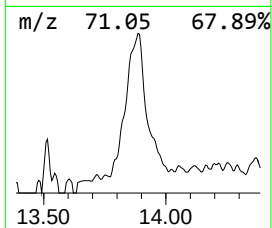
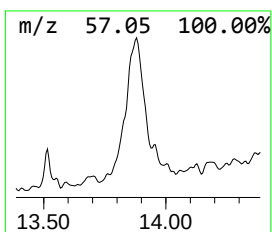
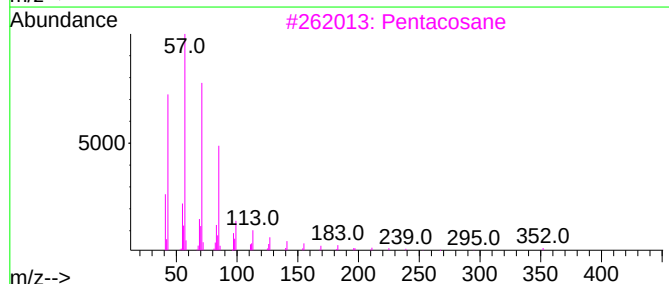
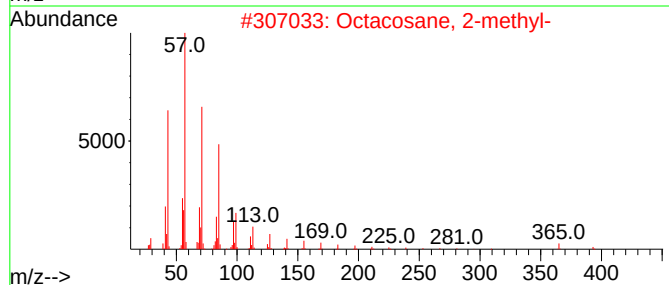
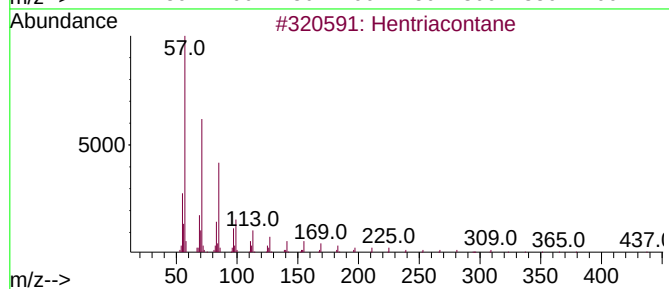
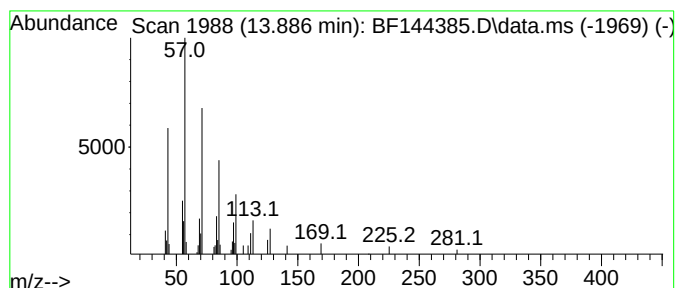
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hentriacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	5.38 ng	98915	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
3			Pentacosane	352	C25H52	000629-99-2	80
4			Tetratetracontane	619	C44H90	007098-22-8	80
5			Tritetracontane	605	C43H88	007098-21-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144385.D
Acq On : 01 Dec 2025 14:11
Operator : RC/JU
Sample : PB170763BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hentriacontane	13.886	5.4	ng	98915	5	14.045	367703	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144386.D
 Acq On : 01 Dec 2025 14:40
 Operator : RC/JU
 Sample : PB170763BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170763BS

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Quant Time: Dec 01 15:19:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	56637	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	215029	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	112964	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	172015	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	126792	20.000	ng	0.00
86) Perylene-d12	15.527	264	157195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	407223	112.515	ng	0.00
7) Phenol-d6	6.498	99	459827	112.128	ng	0.00
23) Nitrobenzene-d5	7.428	82	290982	78.155	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	147933	104.357	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	608225	79.522	ng	0.00
79) Terphenyl-d14	12.980	244	554561	69.473	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	58166	38.873	ng	97
3) Pyridine	3.446	79	146839	35.175	ng	99
4) n-Nitrosodimethylamine	3.387	42	88674	40.666	ng	88
6) Aniline	6.528	93	174476	29.862	ng	# 88
8) 2-Chlorophenol	6.651	128	149533	42.129	ng	98
9) Benzaldehyde	6.416	77	92494	39.942	ng	98
10) Phenol	6.516	94	204930	40.900	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	154676	42.366	ng	98
12) 1,3-Dichlorobenzene	6.804	146	183216	41.832	ng	97
13) 1,4-Dichlorobenzene	6.881	146	186437	42.489	ng	98
14) 1,2-Dichlorobenzene	7.034	146	176013	41.851	ng	98
15) Benzyl Alcohol	7.004	79	137467	42.333	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	297869	44.304	ng	91
17) 2-Methylphenol	7.122	107	118328	41.906	ng	97
18) Hexachloroethane	7.375	117	59928	41.109	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	107903	39.969	ng	97
20) 3+4-Methylphenols	7.275	107	137636	41.350	ng	# 90
22) Acetophenone	7.275	105	212623	46.094	ng	99
24) Nitrobenzene	7.445	77	170386	42.149	ng	99
25) Isophorone	7.687	82	298440	42.378	ng	98
26) 2-Nitrophenol	7.763	139	86378	43.166	ng	95
27) 2,4-Dimethylphenol	7.798	122	138962	46.332	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	190516	43.322	ng	97
29) 2,4-Dichlorophenol	8.004	162	140533	40.653	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	152920	43.080	ng	95
31) Naphthalene	8.169	128	425410	41.590	ng	99
32) Benzoic acid	7.928	122	96806	44.032	ng	93
33) 4-Chloroaniline	8.216	127	91460	24.516	ng	97
34) Hexachlorobutadiene	8.281	225	102044	38.144	ng	97
35) Caprolactam	8.586	113	38486	40.637	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	123985	40.020	ng	97
37) 2-Methylnaphthalene	8.857	142	259698	37.974	ng	100
38) 1-Methylnaphthalene	8.957	142	260730	39.512	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	173766	46.936	ng	99
41) Hexachlorocyclopentadiene	9.010	237	104969	74.614	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	104210	41.357	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144386.D
 Acq On : 01 Dec 2025 14:40
 Operator : RC/JU
 Sample : PB170763BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170763BS

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Quant Time: Dec 01 15:19:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	107968	39.756	ng	99
46) 1,1'-Biphenyl	9.322	154	371956	47.171	ng	100
47) 2-Chloronaphthalene	9.351	162	282974	42.070	ng	100
48) 2-Nitroaniline	9.445	65	83017	42.776	ng	99
49) Acenaphthylene	9.763	152	437028	47.679	ng	99
50) Dimethylphthalate	9.622	163	313971	41.954	ng	99
51) 2,6-Dinitrotoluene	9.686	165	65786	43.425	ng	96
52) Acenaphthene	9.939	154	232690	37.963	ng	98
53) 3-Nitroaniline	9.863	138	49130	29.667	ng	95
54) 2,4-Dinitrophenol	9.975	184	65990	72.136	ng	98
55) Dibenzofuran	10.110	168	352656	41.081	ng	98
56) 4-Nitrophenol	10.033	139	73968	61.747	ng	93
57) 2,4-Dinitrotoluene	10.098	165	86358	42.582	ng	98
58) Fluorene	10.451	166	272873	41.808	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79071	41.152	ng	99
60) Diethylphthalate	10.322	149	278032	40.302	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	148145	39.847	ng	99
62) 4-Nitroaniline	10.475	138	58689	37.213	ng	91
63) Azobenzene	10.604	77	272308	42.412	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	48110	41.170	ng	97
66) n-Nitrosodiphenylamine	10.563	169	255574	46.195	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	95671	43.574	ng	99
68) Hexachlorobenzene	11.004	284	112762	43.603	ng	97
69) Atrazine	11.092	200	76387	43.415	ng	99
70) Pentachlorophenol	11.204	266	100446	77.998	ng	99
71) Phenanthrene	11.422	178	370963	43.315	ng	100
72) Anthracene	11.469	178	375519	43.121	ng	99
73) Carbazole	11.627	167	315715	42.634	ng	99
74) Di-n-butylphthalate	11.951	149	379255	42.365	ng	99
75) Fluoranthene	12.610	202	368758	41.682	ng	98
77) Benzidine	12.733	184	70745	18.863	ng	97
78) Pyrene	12.839	202	379480	37.120	ng	99
80) Butylbenzylphthalate	13.457	149	147754	41.701	ng	96
81) Benzo(a)anthracene	14.033	228	379990	43.241	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	109988	36.514	ng	97
83) Chrysene	14.074	228	359650	44.335	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	216042	44.541	ng	100
85) Di-n-octyl phthalate	14.627	149	405801	48.491	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	502518	44.533	ng	97
88) Benzo(b)fluoranthene	15.092	252	454177	50.821	ng	99
89) Benzo(k)fluoranthene	15.121	252	386995	46.264	ng	100
90) Benzo(a)pyrene	15.468	252	407948	49.481	ng	96
91) Dibenzo(a,h)anthracene	17.051	278	415433	45.842	ng	98
92) Benzo(g,h,i)perylene	17.492	276	419604	46.888	ng	99

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

Instrument :
BNA_F
ClientSampleId :
PB170763BS

- A
- B
- C
- D
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- F
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- I
- J
- K



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144392.D
 Acq On : 01 Dec 2025 17:43
 Operator : RC/JU
 Sample : Q3735-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MS

Quant Time: Dec 02 00:08:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	49538	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	162841	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	75668	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	143189	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	136669	20.000	ng	0.00
86) Perylene-d12	15.527	264	107138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	221527	69.979	ng	0.00
7) Phenol-d6	6.498	99	232338	64.774	ng	0.00
23) Nitrobenzene-d5	7.428	82	140640	49.881	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	66521	70.056	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	235489	45.964	ng	-0.01
79) Terphenyl-d14	12.980	244	309101	35.925	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	65145	49.776	ng	98
3) Pyridine	3.440	79	179798	49.242	ng	97
4) n-Nitrosodimethylamine	3.393	42	95198	49.914	ng	87
6) Aniline	6.528	93	98632	19.300	ng	# 81
8) 2-Chlorophenol	6.651	128	135265	43.571	ng	99
9) Benzaldehyde	6.416	77	68530	33.834	ng	99
10) Phenol	6.516	94	185691	42.372	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	149087	46.687	ng	99
12) 1,3-Dichlorobenzene	6.804	146	177252	46.270	ng	98
13) 1,4-Dichlorobenzene	6.881	146	176204	45.912	ng	100
14) 1,2-Dichlorobenzene	7.034	146	170127	46.248	ng	99
15) Benzyl Alcohol	7.004	79	123279	43.405	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	265006	45.065	ng	86
17) 2-Methylphenol	7.122	107	102144	41.358	ng	98
18) Hexachloroethane	7.375	117	55485	43.515	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	101498	42.984	ng	99
20) 3+4-Methylphenols	7.275	107	121164	41.618	ng	# 88
22) Acetophenone	7.269	105	175732	50.305	ng	98
24) Nitrobenzene	7.445	77	146955	48.004	ng	98
25) Isophorone	7.686	82	253476	47.528	ng	99
26) 2-Nitrophenol	7.763	139	73931	48.786	ng	94
27) 2,4-Dimethylphenol	7.798	122	112605	49.576	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	165254	49.621	ng	98
29) 2,4-Dichlorophenol	8.010	162	110926	42.372	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	128116	47.659	ng	97
31) Naphthalene	8.169	128	355869	45.941	ng	99
32) Benzoic acid	7.916	122	59806	35.921	ng	96
33) 4-Chloroaniline	8.222	127	37238	13.181	ng	96
34) Hexachlorobutadiene	8.281	225	93033	45.921	ng	98
35) Caprolactam	8.581	113	30758	42.885	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	93881	40.015	ng	99
37) 2-Methylnaphthalene	8.857	142	206870	39.944	ng	99
38) 1-Methylnaphthalene	8.957	142	206178	41.259	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	124144	50.060	ng	98
41) Hexachlorocyclopentadiene	9.010	237	33420	43.093	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	79754	47.252	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144392.D
 Acq On : 01 Dec 2025 17:43
 Operator : RC/JU
 Sample : Q3735-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MS

Quant Time: Dec 02 00:08:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83020	45.637	ng	99
46) 1,1'-Biphenyl	9.322	154	271117	51.330	ng	99
47) 2-Chloronaphthalene	9.351	162	218598	48.518	ng	99
48) 2-Nitroaniline	9.445	65	62939	48.415	ng	96
49) Acenaphthylene	9.763	152	340422	55.445	ng	98
50) Dimethylphthalate	9.622	163	250400	49.952	ng	100
51) 2,6-Dinitrotoluene	9.686	165	53205	52.431	ng	93
52) Acenaphthene	9.939	154	181069	44.101	ng	99
53) 3-Nitroaniline	9.857	138	37904	34.170	ng	98
54) 2,4-Dinitrophenol	9.975	184	32760	53.462	ng	93
55) Dibenzofuran	10.110	168	274275	47.698	ng	97
56) 4-Nitrophenol	10.033	139	75741	94.390	ng	97
57) 2,4-Dinitrotoluene	10.098	165	71111	52.347	ng	97
58) Fluorene	10.451	166	218481	49.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	61338	47.658	ng	98
60) Diethylphthalate	10.322	149	230244	49.825	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	114834	46.111	ng	99
62) 4-Nitroaniline	10.475	138	51018	48.294	ng	94
63) Azobenzene	10.604	77	224073	52.101	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	26253	26.989	ng	93
66) n-Nitrosodiphenylamine	10.563	169	210592	45.728	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	77131	42.202	ng	98
68) Hexachlorobenzene	11.004	284	95083	44.168	ng	96
69) Atrazine	11.092	200	72787	49.697	ng	99
70) Pentachlorophenol	11.204	266	102820	95.915	ng	98
71) Phenanthrene	11.422	178	343113	48.128	ng	99
72) Anthracene	11.474	178	354751	48.937	ng	100
73) Carbazole	11.627	167	328075	53.223	ng	100
74) Di-n-butylphthalate	11.951	149	404342	54.261	ng	99
75) Fluoranthene	12.616	202	431555	58.600	ng	99
77) Benzidine	12.739	184	171833	42.506	ng	99
78) Pyrene	12.845	202	452018	41.020	ng	100
80) Butylbenzylphthalate	13.457	149	192349	50.363	ng	97
81) Benzo(a)anthracene	14.039	228	465387	49.132	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	105053	32.356	ng	96
83) Chrysene	14.074	228	411235	47.030	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	279667	53.491	ng	99
85) Di-n-octyl phthalate	14.627	149	456273	50.582	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.039	276	287880	37.432	ng	98
88) Benzo(b)fluoranthene	15.098	252	356710	58.563	ng	100
89) Benzo(k)fluoranthene	15.127	252	318534	55.872	ng	100
90) Benzo(a)pyrene	15.468	252	291303	51.841	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	238557	38.623	ng	99
92) Benzo(g,h,i)perylene	17.492	276	233682	38.312	ng	97

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

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144393.D
 Acq On : 01 Dec 2025 18:12
 Operator : RC/JU
 Sample : Q3735-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MSD

Quant Time: Dec 02 00:09:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	47026	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	155006	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	78597	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	150269	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	135484	20.000	ng	0.00
86) Perylene-d12	15.527	264	106852	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	206605	68.751	ng	0.00
7) Phenol-d6	6.498	99	222986	65.488	ng	0.00
23) Nitrobenzene-d5	7.428	82	129312	48.181	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	70776	71.759	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	231935	43.583	ng	-0.01
79) Terphenyl-d14	12.980	244	313031	36.700	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	64600	51.996	ng	98
3) Pyridine	3.434	79	169149	48.800	ng	98
4) n-Nitrosodimethylamine	3.387	42	91838	50.725	ng	90
6) Aniline	6.528	93	89812	18.513	ng	# 82
8) 2-Chlorophenol	6.651	128	126592	42.955	ng	98
9) Benzaldehyde	6.416	77	66196	34.428	ng	98
10) Phenol	6.516	94	172663	41.503	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	141966	46.832	ng	100
12) 1,3-Dichlorobenzene	6.804	146	168669	46.381	ng	98
13) 1,4-Dichlorobenzene	6.881	146	169084	46.410	ng	98
14) 1,2-Dichlorobenzene	7.034	146	158528	45.397	ng	99
15) Benzyl Alcohol	7.004	79	113365	42.046	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	251610	45.072	ng	88
17) 2-Methylphenol	7.122	107	95564	40.761	ng	96
18) Hexachloroethane	7.375	117	50819	41.985	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	95505	42.607	ng	98
20) 3+4-Methylphenols	7.275	107	114340	41.372	ng	# 89
22) Acetophenone	7.269	105	166994	50.220	ng	98
24) Nitrobenzene	7.445	77	139168	47.758	ng	99
25) Isophorone	7.681	82	238193	46.920	ng	98
26) 2-Nitrophenol	7.763	139	71132	49.312	ng	95
27) 2,4-Dimethylphenol	7.798	122	107096	49.534	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	154877	48.855	ng	98
29) 2,4-Dichlorophenol	8.010	162	106069	42.565	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	120802	47.210	ng	98
31) Naphthalene	8.169	128	333805	45.271	ng	100
32) Benzoic acid	7.916	122	63279	39.928	ng	90
33) 4-Chloroaniline	8.222	127	41281	15.351	ng	95
34) Hexachlorobutadiene	8.281	225	84937	44.044	ng	99
35) Caprolactam	8.581	113	30129	44.131	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	90368	40.464	ng	97
37) 2-Methylnaphthalene	8.857	142	195536	39.664	ng	100
38) 1-Methylnaphthalene	8.957	142	199857	42.015	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	120673	46.847	ng	98
41) Hexachlorocyclopentadiene	9.010	237	25574	34.226	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	76059	43.383	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144393.D
 Acq On : 01 Dec 2025 18:12
 Operator : RC/JU
 Sample : Q3735-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MSD

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Quant Time: Dec 02 00:09:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	82271	43.540	ng	99
46) 1,1'-Biphenyl	9.322	154	259567	47.312	ng	100
47) 2-Chloronaphthalene	9.351	162	210702	45.023	ng	99
48) 2-Nitroaniline	9.451	65	63612	47.109	ng	90
49) Acenaphthylene	9.763	152	328511	51.512	ng	100
50) Dimethylphthalate	9.622	163	245841	47.215	ng	100
51) 2,6-Dinitrotoluene	9.686	165	54414	51.624	ng	91
52) Acenaphthene	9.939	154	177941	41.724	ng	98
53) 3-Nitroaniline	9.863	138	38109	33.074	ng	94
54) 2,4-Dinitrophenol	9.975	184	24505	38.500	ng	88
55) Dibenzofuran	10.110	168	274816	46.011	ng	98
56) 4-Nitrophenol	10.033	139	80539	96.629	ng	95
57) 2,4-Dinitrotoluene	10.098	165	72202	51.169	ng	98
58) Fluorene	10.457	166	223358	49.185	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	64446	48.207	ng	100
60) Diethylphthalate	10.322	149	230285	47.976	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	116115	44.888	ng	98
62) 4-Nitroaniline	10.475	138	51688	47.105	ng	92
63) Azobenzene	10.604	77	231848	51.900	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	22591	22.130	ng	93
66) n-Nitrosodiphenylamine	10.563	169	215296	44.547	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	78703	41.033	ng	97
68) Hexachlorobenzene	11.004	284	97923	43.344	ng	97
69) Atrazine	11.092	200	76246	49.606	ng	99
70) Pentachlorophenol	11.204	266	111644	99.239	ng	100
71) Phenanthrene	11.422	178	358342	47.896	ng	99
72) Anthracene	11.475	178	370992	48.766	ng	100
73) Carbazole	11.627	167	342822	52.995	ng	99
74) Di-n-butylphthalate	11.951	149	418032	53.455	ng	99
75) Fluoranthene	12.616	202	453822	58.720	ng	99
77) Benzidine	12.739	184	190139	47.446	ng	98
78) Pyrene	12.845	202	467510	42.797	ng	98
80) Butylbenzylphthalate	13.457	149	196159	51.810	ng	99
81) Benzo(a)anthracene	14.039	228	461954	49.196	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	113093	35.137	ng	95
83) Chrysene	14.074	228	407199	46.976	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	277186	53.480	ng	97
85) Di-n-octyl phthalate	14.627	149	441688	49.393	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	292895	38.186	ng	97
88) Benzo(b)fluoranthene	15.098	252	340496	56.051	ng	99
89) Benzo(k)fluoranthene	15.121	252	304715	53.591	ng	97
90) Benzo(a)pyrene	15.468	252	279785	49.924	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	236474	38.388	ng	97
92) Benzo(g,h,i)perylene	17.492	276	232585	38.234	ng	99

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

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

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Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BF120125	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF144382.D	2,4-Dimethylphenol	Jagrut	12/2/2025 4:19:43 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
SSTDCCC040	BF144382.D	Benzo(b)fluoranthene	Jagrut	12/2/2025 4:19:43 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
SSTDCCC040	BF144382.D	Benzoic acid	Jagrut	12/2/2025 4:19:43 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
Q3740-01	BF144387.D	Benzo(b)fluoranthene	Jagrut	12/2/2025 4:19:45 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software
Q3740-01	BF144387.D	Benzo(k)fluoranthene	Jagrut	12/2/2025 4:19:45 PM	mohammad	12/3/2025 1:12:18 AM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF120125

Review By	Jagrut	Review On	12/2/2025 4:27:26 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:18 AM
SubDirectory	BF120125	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144381.D	01 Dec 2025 12:12	RC/JU	Ok
2	SSTDCCC040	BF144382.D	01 Dec 2025 12:41	RC/JU	Ok,M
3	PB170749BL	BF144383.D	01 Dec 2025 13:13	RC/JU	Ok
4	PB170749BS	BF144384.D	01 Dec 2025 13:42	RC/JU	Ok
5	PB170763BL	BF144385.D	01 Dec 2025 14:11	RC/JU	Ok
6	PB170763BS	BF144386.D	01 Dec 2025 14:40	RC/JU	Ok
7	Q3740-01	BF144387.D	01 Dec 2025 15:15	RC/JU	Ok,M
8	Q3719-11	BF144388.D	01 Dec 2025 15:45	RC/JU	Ok,M
9	Q3725-04	BF144389.D	01 Dec 2025 16:14	RC/JU	Ok,M
10	Q3732-01	BF144390.D	01 Dec 2025 16:44	RC/JU	Ok
11	Q3735-01	BF144391.D	01 Dec 2025 17:13	RC/JU	Ok
12	Q3735-01MS	BF144392.D	01 Dec 2025 17:43	RC/JU	Ok
13	Q3735-01MSD	BF144393.D	01 Dec 2025 18:12	RC/JU	Ok
14	Q3719-13	BF144394.D	01 Dec 2025 18:41	RC/JU	Not Ok
15	Q3719-14	BF144395.D	01 Dec 2025 19:11	RC/JU	Ok,M
16	Q3733-01	BF144396.D	01 Dec 2025 19:40	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13181,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF120125

Review By	Jagrut	Review On	12/2/2025 4:27:26 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:18 AM
SubDirectory	BF120125	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144381.D	01 Dec 2025 12:12		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144382.D	01 Dec 2025 12:41	CCC fail high for compound #9 & #77	RC/JU	Ok,M
3	PB170749BL	PB170749BL	BF144383.D	01 Dec 2025 13:13		RC/JU	Ok
4	PB170749BS	PB170749BS	BF144384.D	01 Dec 2025 13:42		RC/JU	Ok
5	PB170763BL	PB170763BL	BF144385.D	01 Dec 2025 14:11		RC/JU	Ok
6	PB170763BS	PB170763BS	BF144386.D	01 Dec 2025 14:40		RC/JU	Ok
7	Q3740-01	WC1	BF144387.D	01 Dec 2025 15:15		RC/JU	Ok,M
8	Q3719-11	SB-1125-16A	BF144388.D	01 Dec 2025 15:45		RC/JU	Ok,M
9	Q3725-04	STOCKPILE-SAMPLES	BF144389.D	01 Dec 2025 16:14		RC/JU	Ok,M
10	Q3732-01	HD-01-11-26-2025	BF144390.D	01 Dec 2025 16:44		RC/JU	Ok
11	Q3735-01	BU-3-112625	BF144391.D	01 Dec 2025 17:13		RC/JU	Ok
12	Q3735-01MS	BU-3-112625MS	BF144392.D	01 Dec 2025 17:43		RC/JU	Ok
13	Q3735-01MSD	BU-3-112625MSD	BF144393.D	01 Dec 2025 18:12		RC/JU	Ok
14	Q3719-13	SB-1125-17A	BF144394.D	01 Dec 2025 18:41	Need Straight Run	RC/JU	Not Ok
15	Q3719-14	SB-1125-17B	BF144395.D	01 Dec 2025 19:11		RC/JU	Ok,M
16	Q3733-01	SU-04-11-26-2025	BF144396.D	01 Dec 2025 19:40	Double IS added	RC/JU	Ok

M : Manual Integration

SOP ID:	M3541-ASE Extraction-15		
Clean Up SOP #:	N/A	Extraction Start Date :	12/01/2025
Matrix :	Solid	Extraction Start Time :	09:10
Weigh By:	EH	Extraction By:	RJ
Balance check:	EH	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	3,7
Extraction Method:	☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		
Extraction End Date :	12/01/2025		
Extraction End Time :	12:25		
Concentration By:	EH		
Supervisor By :	RUPESH		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6937
Surrogate	1.0ML	100/150 PPM	SP6918
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Methylene Chloride	N/A	E3986
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	Envap ID:	N-EVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/1/25	RS (Ext Lab)	JH/SVOZ
12:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/01/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170763BL	SBLK763	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U4-1
PB170763BS	SLCS763	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3725-04	STOCKPILE-SAMPLES	SVOCMS NJ CleanGroup	30.08	N/A	ritesh	Evelyn	1	E		3
Q3732-01	HD-01-11-26-2025	New SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		4
Q3733-01	SU-04-11-26-2025	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		5
Q3735-01	BU-3-112625	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	F		6
Q3735-01MS	BU-3-112625MS	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	F		U6-1
Q3735-01MS D	BU-3-112625MSD	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	F		2
Q3740-01	WC1	SVOC-TCL BNA	30.03	N/A	ritesh	Evelyn	1	B		3

RS
12/11

10/11/25
10/11/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3735 WorkList ID : 193388 Department : Extraction Date : 12-01-2025 08:43:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3725-04	STOCKPILE-SAMPLES	Solid	SVOCMS NJ CleanGroup I	Cool 4 deg C	ROMA02	D41	11/25/2025	8270E
Q3732-01	HD-01-11-26-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	11/26/2025	8270E
Q3733-01	SU-04-11-26-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	11/26/2025	8270E
Q3735-01	BU-3-112625	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	A11	11/26/2025	8270E
Q3740-01	WC1	Solid	SVOC-TCL BNA	Cool 4 deg C	GENV01	A11	11/26/2025	8270E

Date/Time 12/1/25 9:05
Raw Sample Received by: RJ (Ext 106)
Raw Sample Relinquished by: CP 5m

Date/Time 12/1/25 9:20
Raw Sample Received by: CP 5m
Raw Sample Relinquished by: RJ (Ext 106)





LAB CHRONICLE

OrderID:	Q3740	OrderDate:	11/26/2025 4:30:00 PM
Client:	G Environmental	Project:	Diamond
Contact:	Gary Landis	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	WC1	SOIL	SVOC-TCL BNA	8270E	11/26/25	12/01/25	12/01/25	11/26/25



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.:

Q3740

Order ID:

Q3740

Client:

G Environmental

Project ID:

Diamond

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	WC1	SDG No.:	Q3740
Lab Sample ID:	Q3740-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:		12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.40	U	1	4.40	18.8	ug/kg	12/01/25 14:46	PB170761
11104-28-2	Aroclor-1221	4.50	U	1	4.50	18.8	ug/kg	12/01/25 14:46	PB170761
11141-16-5	Aroclor-1232	4.10	U	1	4.10	18.8	ug/kg	12/01/25 14:46	PB170761
53469-21-9	Aroclor-1242	4.40	U	1	4.40	18.8	ug/kg	12/01/25 14:46	PB170761
12672-29-6	Aroclor-1248	6.60	U	1	6.60	18.8	ug/kg	12/01/25 14:46	PB170761
11097-69-1	Aroclor-1254	3.60	U	1	3.60	18.8	ug/kg	12/01/25 14:46	PB170761
37324-23-5	Aroclor-1262	5.60	U	1	5.60	18.8	ug/kg	12/01/25 14:46	PB170761
11100-14-4	Aroclor-1268	4.00	U	1	4.00	18.8	ug/kg	12/01/25 14:46	PB170761
11096-82-5	Aroclor-1260	3.60	U	1	3.60	18.8	ug/kg	12/01/25 14:46	PB170761
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.1			21 - 165	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.8			10 - 170	104%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q3740**

Client: **G Environmental**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO114870.D	PIBLK-PO114870.D	Tetrachloro-m-xyl	1	20	15.5	77		60	140
		Decachlorobiphen	1	20	16.8	84		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.3	86		60	140
I.BLK-PO115469.D	PIBLK-PO115469.D	Tetrachloro-m-xyl	1	20	26.2	131		60	140
		Decachlorobiphen	1	20	26.6	133		60	140
		Tetrachloro-m-xyl	2	20	25.4	127		60	140
		Decachlorobiphen	2	20	25.2	126		60	140
Q3732-01MS	HD-01-11-26-2025MS	Tetrachloro-m-xyl	1	20	26.5	133		21	165
		Decachlorobiphen	1	20	24.9	124		10	170
		Tetrachloro-m-xyl	2	20	24.5	122		21	165
		Decachlorobiphen	2	20	22.6	113		10	170
Q3732-01MSD	HD-01-11-26-2025MSD	Tetrachloro-m-xyl	1	20	24.4	122		21	165
		Decachlorobiphen	1	20	23.1	115		10	170
		Tetrachloro-m-xyl	2	20	23.1	115		21	165
		Decachlorobiphen	2	20	21.3	107		10	170
Q3740-01	WC1	Tetrachloro-m-xyl	1	20	21.5	108		21	165
		Decachlorobiphen	1	20	20.8	104		10	170
		Tetrachloro-m-xyl	2	20	23.1	116		21	165
		Decachlorobiphen	2	20	17.7	89		10	170
I.BLK-PO115483.D	PIBLK-PO115483.D	Tetrachloro-m-xyl	1	20	26.2	131		60	140
		Decachlorobiphen	1	20	26.8	134		60	140
		Tetrachloro-m-xyl	2	20	25.1	126		60	140
		Decachlorobiphen	2	20	25.1	126		60	140
PB170761BL	PB170761BL	Tetrachloro-m-xyl	1	20	23.5	118		21	165
		Decachlorobiphen	1	20	24.5	123		10	170
		Tetrachloro-m-xyl	2	20	22.8	114		21	165
		Decachlorobiphen	2	20	23.2	116		10	170
PB170761BS	PB170761BS	Tetrachloro-m-xyl	1	20	24.1	121		21	165
		Decachlorobiphen	1	20	25.3	126		10	170
		Tetrachloro-m-xyl	2	20	21.8	109		21	165
		Decachlorobiphen	2	20	23.6	118		10	170
I.BLK-PO115497.D	PIBLK-PO115497.D	Tetrachloro-m-xyl	1	20	27.1	135		60	140
		Decachlorobiphen	1	20	28.9	144	*	60	140
		Tetrachloro-m-xyl	2	20	25.7	128		60	140
		Decachlorobiphen	2	20	26.5	132		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3740</u>	Analytical Method:	<u>8082A</u>
Client:	<u>G Environmental</u>	DataFile :	<u>PO115474.D</u>

			Sample				Rec		RPD		Limits	
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3732-01MS	Client Sample ID:		HD-01-11-26-2025MS								
	(Column 1)											
	AR1016	191.3	0	161	ug/kg	84				39	159	
	AR1260	191.3	0	158	ug/kg	83				19	160	
Lab Sample ID:	Q3732-01MS	Client Sample ID:		HD-01-11-26-2025MS								
	(Column 2)											
	AR1016	191.3	0	149	ug/kg	78				39	159	
	AR1260	191.3	0	122	ug/kg	64				19	160	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3740</u>	Analytical Method:	<u>8082A</u>
Client:	<u>G Environmental</u>	DataFile :	<u>PO115475.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3732-01MSD (Column 1)	Client Sample ID:		HD-01-11-26-2025MSD								
	AR1016	191.6	0	155	ug/kg	81		4		39	159	21
	AR1260	191.6	0	133	ug/kg	69		18	*	19	160	15
Lab Sample ID:	Q3732-01MSD (Column 2)	Client Sample ID:		HD-01-11-26-2025MSD								
	AR1016	191.6	0	143	ug/kg	75		4		39	159	21
	AR1260	191.6	0	117	ug/kg	61		5		19	160	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3740</u>	Analytical Method:	<u>8082A</u>
Client:	<u>G Environmental</u>	Datafile :	<u>PO115485.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170761BS (Column 1)	AR1016	166.5	143	ug/kg	86				71	120		
	AR1260	166.5	136	ug/kg	82				65	130		
PB170761BS (Column 2)	AR1016	166.5	133	ug/kg	80				71	120		
	AR1260	166.5	120	ug/kg	72				65	130		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170761BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab Sample ID: PB170761BL

Lab File ID: PO115484.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 12/01/2025

Date Analyzed (1): 12/01/2025

Date Analyzed (2): 12/01/2025

Time Analyzed (1): 17:49

Time Analyzed (2): 17:49

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
HD-01-11-26-2025MS	Q3732-01MS	PO115474.D	12/01/2025	12/01/2025
HD-01-11-26-2025MSD	Q3732-01MSD	PO115475.D	12/01/2025	12/01/2025
WC1	Q3740-01	PO115478.D	12/01/2025	12/01/2025
PB170761BS	PB170761BS	PO115485.D	12/01/2025	12/01/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170761BL	SDG No.:	Q3740
Lab Sample ID: PB170761BL	Matrix:	SOIL
Analytical Method: 8082A	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	PCB
Prep Method: SW3541B	Final Vol: 10000 uL	
	Prep Date: 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	12/01/25 17:49	PB170761
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	12/01/25 17:49	PB170761
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	12/01/25 17:49	PB170761
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	12/01/25 17:49	PB170761
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	12/01/25 17:49	PB170761
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	12/01/25 17:49	PB170761
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	12/01/25 17:49	PB170761
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	12/01/25 17:49	PB170761
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	12/01/25 17:49	PB170761
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.5			21 - 165	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.5			10 - 170	123%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	G Environmental	Date Collected:	11/04/25
Project:	Diamond	Date Received:	11/04/25
Client Sample ID:	PIBLK-PO114870.D	SDG No.:	Q3740
Lab Sample ID:	I.BLK-PO114870.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/04/25	po110425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/04/25	po110425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/04/25	po110425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/04/25	po110425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/04/25	po110425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/04/25	po110425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/04/25	po110425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/04/25	po110425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/04/25	po110425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.5			60 - 140	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			60 - 140	84%	SPK: 20		

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	G Environmental	Date Collected:	12/01/25
Project:	Diamond	Date Received:	12/01/25
Client Sample ID:	PIBLK-PO115469.D	SDG No.:	Q3740
Lab Sample ID:	I.BLK-PO115469.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/01/25	PO120125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/01/25	PO120125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/01/25	PO120125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/01/25	PO120125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/01/25	PO120125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/01/25	PO120125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/01/25	PO120125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/01/25	PO120125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/01/25	PO120125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.4			60 - 140	127%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.2			60 - 140	126%	SPK: 20		

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	G Environmental	Date Collected:	12/01/25
Project:	Diamond	Date Received:	12/01/25
Client Sample ID:	PIBLK-PO115483.D	SDG No.:	Q3740
Lab Sample ID:	I.BLK-PO115483.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/01/25	PO120125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/01/25	PO120125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/01/25	PO120125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/01/25	PO120125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/01/25	PO120125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/01/25	PO120125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/01/25	PO120125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/01/25	PO120125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/01/25	PO120125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.1			60 - 140	126%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.1			60 - 140	126%	SPK: 20		

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

Report of Analysis

Client:	G Environmental	Date Collected:	12/02/25
Project:	Diamond	Date Received:	12/02/25
Client Sample ID:	PIBLK-PO115497.D	SDG No.:	Q3740
Lab Sample ID:	I.BLK-PO115497.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/02/25	PO120125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/02/25	PO120125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/02/25	PO120125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/02/25	PO120125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/02/25	PO120125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/02/25	PO120125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/02/25	PO120125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/02/25	PO120125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/02/25	PO120125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.7			60 - 140	128%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.5			60 - 140	132%	SPK: 20		

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Diamond		Date Received:	
Client Sample ID:	PB170761BS		SDG No.:	Q3740
Lab Sample ID:	PB170761BS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	143		1	3.90	17.0	ug/kg	12/01/25 18:08	PB170761
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	12/01/25 18:08	PB170761
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	12/01/25 18:08	PB170761
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	12/01/25 18:08	PB170761
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	12/01/25 18:08	PB170761
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	12/01/25 18:08	PB170761
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	12/01/25 18:08	PB170761
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	12/01/25 18:08	PB170761
11096-82-5	Aroclor-1260	136		1	3.20	17.0	ug/kg	12/01/25 18:08	PB170761
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.1			21 - 165	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.3			10 - 170	126%	SPK: 20		

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	HD-01-11-26-2025MS	SDG No.:	Q3740
Lab Sample ID:	Q3732-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.9
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:	12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	161		1	4.50	19.5	ug/kg	12/01/25 13:32	PB170761
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.5	ug/kg	12/01/25 13:32	PB170761
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.5	ug/kg	12/01/25 13:32	PB170761
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.5	ug/kg	12/01/25 13:32	PB170761
12672-29-6	Aroclor-1248	6.80	U	1	6.80	19.5	ug/kg	12/01/25 13:32	PB170761
11097-69-1	Aroclor-1254	3.70	U	1	3.70	19.5	ug/kg	12/01/25 13:32	PB170761
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.5	ug/kg	12/01/25 13:32	PB170761
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.5	ug/kg	12/01/25 13:32	PB170761
11096-82-5	Aroclor-1260	158		1	3.70	19.5	ug/kg	12/01/25 13:32	PB170761
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.5			21 - 165	133%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.9			10 - 170	124%	SPK: 20		

U = Not Detected

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	HD-01-11-26-2025MSD	SDG No.:	Q3740
Lab Sample ID:	Q3732-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.9
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:	12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	155		1	4.50	19.5	ug/kg	12/01/25 13:51	PB170761
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.5	ug/kg	12/01/25 13:51	PB170761
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.5	ug/kg	12/01/25 13:51	PB170761
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.5	ug/kg	12/01/25 13:51	PB170761
12672-29-6	Aroclor-1248	6.80	U	1	6.80	19.5	ug/kg	12/01/25 13:51	PB170761
11097-69-1	Aroclor-1254	3.70	U	1	3.70	19.5	ug/kg	12/01/25 13:51	PB170761
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.5	ug/kg	12/01/25 13:51	PB170761
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.5	ug/kg	12/01/25 13:51	PB170761
11096-82-5	Aroclor-1260	133		1	3.70	19.5	ug/kg	12/01/25 13:51	PB170761
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.4			21 - 165	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.1			10 - 170	115%	SPK: 20		

U = Not Detected

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P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H
I
J
K
L

Contract: GENV01

SDG NO.: Q3740

Calibration Date(s): 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		RT 1000 =	<u>PO114871.D</u>	RT 750 =	<u>PO114872.D</u>
RT 500 =	PO114873.D	RT 250 =	PO114874.D	RT 050 =	PO114875.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45

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L

Contract: GENV01

SDG NO.: Q3740

Calibration Date(s): 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		RT 1000 =	<u>PO114871.D</u>	RT 750 =	<u>PO114872.D</u>
RT 500 =	PO114873.D	RT 250 =	PO114874.D	RT 050 =	PO114875.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: GENV01
SDG NO.: Q3740

Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PO114871.D</u>		CF 750 = <u>PO114872.D</u>			
CF 500 = <u>PO114873.D</u>		CF 250 = <u>PO114874.D</u>		CF 050 = <u>PO114875.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	235183609	242405119	252300612	252330724	247880040	246020021
Aroclor-1016-2	(2)	380671765	391174169	403435360	408228592	401844700	397070917
Aroclor-1016-3	(3)	214892716	220811199	230510330	231508016	217282560	223000964
Aroclor-1016-4	(4)	180735079	184273587	191842228	192742164	194782360	188875084
Aroclor-1016-5	(5)	166479276	173610481	179587174	180772736	190536000	178197133
Aroclor-1260-1	(1)	291080181	301659089	311914366	329562032	293951540	305633442
Aroclor-1260-2	(2)	393658847	402595176	414352186	418536840	350242960	395877202
Aroclor-1260-3	(3)	331096941	340266576	347857958	348147780	291720640	331817979
Aroclor-1260-4	(4)	303823322	310642864	321126472	321507392	268000240	305020058
Aroclor-1260-5	(5)	714393776	724690244	737226162	719415648	670367440	713218654
Decachlorobiphenyl		4451734610	4516548787	4612561720	4524869360	3995527600	4420248415
Tetrachloro-m-xylene		7020403280	7162783533	7307727940	7156075200	6543618600	7038121711
Aroclor-1242-1	(1)	180395803	184480117	189796832	192180524	184350480	186240751
Aroclor-1242-2	(2)	290607708	295647931	305830174	302003732	299791360	298776181
Aroclor-1242-3	(3)	164449629	167684461	173929682	174410736	176369820	171368866
Aroclor-1242-4	(4)	136844790	140633719	146402846	139660276	152376540	143183634
Aroclor-1242-5	(5)	138362947	141839337	145002188	138385972	141196180	140957325
Decachlorobiphenyl		4729850460	4804993427	4858375920	4746069120	4160138600	4659885505
Tetrachloro-m-xylene		7348004600	7445204373	7532777260	7262019280	6694579200	7256516943
Aroclor-1248-1	(1)	130126160	135244476	137909000	141742196	154206600	139845686
Aroclor-1248-2	(2)	182893435	187680161	194064692	196392780	211353600	194476934
Aroclor-1248-3	(3)	203368877	206306241	213983954	212927108	217587500	210834736
Aroclor-1248-4	(4)	240181487	246210361	255848644	255957264	264773260	252594203
Aroclor-1248-5	(5)	225312398	230738423	239469078	240115800	243213880	235769916
Decachlorobiphenyl		4590720290	4647354867	4744288880	4661202760	4211361200	4570985599
Tetrachloro-m-xylene		7316541360	7442934853	7528054520	7402608560	7218400400	7381707939
Aroclor-1254-1	(1)	240591852	247416493	258765478	257075152	263299240	253429643
Aroclor-1254-2	(2)	346021204	353529297	371589652	368897016	412184820	370444398
Aroclor-1254-3	(3)	372893964	380446979	397009938	384293176	389678940	384864599
Aroclor-1254-4	(4)	315539209	321424513	336840998	326904952	342871860	328716306
Aroclor-1254-5	(5)	295373361	300690525	312155076	300474784	300573260	301853401
Decachlorobiphenyl		4791769470	4896862187	5061968640	4831244600	4661831200	4848735219
Tetrachloro-m-xylene		7410585440	7526809333	7802184660	7481754040	7408041400	7525874975
Aroclor-1268-1	(1)	876279188	885717404	893041022	887529864	813508780	871215252

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	748334854	756337347	765525536	759915712	702804360	746583562	3
Aroclor-1268-3	(3)	663299706	672085827	679866912	671661004	617886840	660960058	4
Aroclor-1268-4	(4)	274155738	277531193	282310020	282161716	286808980	280593529	2
Aroclor-1268-5	(5)	1966581606	1979440064	1985729368	1956798376	1807416340	1939193151	4
Decachlorobiphenyl		8288385350	8396434587	8504946880	8419357920	7722111200	8266247187	4
Tetrachloro-m-xylene		7475792880	7636683133	7655291620	7597134240	7121440400	7497268455	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: GENV01
SDG NO.: Q3740

Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = <u>PO114871.D</u> CF 750 = <u>PO114872.D</u> CF 500 = <u>PO114873.D</u> CF 250 = <u>PO114874.D</u> CF 050 = <u>PO114875.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	178795127	185535456	193106802	200932132	192907960	4
Aroclor-1016-2	(2)	260787154	267435697	277593168	286495324	262010880	4
Aroclor-1016-3	(3)	140310175	144533207	150201526	154962192	149858780	4
Aroclor-1016-4	(4)	108607533	112021955	117721682	122827936	125909940	6
Aroclor-1016-5	(5)	142235561	147493437	153611756	157990124	162236540	5
Aroclor-1260-1	(1)	272865489	283696256	302549666	306994580	314431380	5
Aroclor-1260-2	(2)	410849028	420744668	440173148	441650472	436738740	3
Aroclor-1260-3	(3)	328919579	344471297	362206406	366201912	353957800	4
Aroclor-1260-4	(4)	295043629	302500340	313130718	316509244	287959420	4
Aroclor-1260-5	(5)	819932115	830411719	851082708	846532168	760181660	4
Decachlorobiphenyl		3768213910	3862452533	4051635320	3997632280	3839185200	3
Tetrachloro-m-xylene		4444199150	4532189360	4610968540	4573862320	4172678600	4
Aroclor-1242-1	(1)	138347633	144438088	149108388	148877560	150336280	3
Aroclor-1242-2	(2)	199908386	204961789	213926082	211880332	205062860	3
Aroclor-1242-3	(3)	108216818	112229521	116418372	113485296	109537600	3
Aroclor-1242-4	(4)	101919263	105301932	110004430	109236748	109193360	3
Aroclor-1242-5	(5)	135980897	140103160	145653410	150301700	142549620	4
Decachlorobiphenyl		4093300380	4301738307	4403735460	4338775160	4380898600	3
Tetrachloro-m-xylene		4800115840	4683347560	4961464680	4527345840	4437059000	4
Aroclor-1248-1	(1)	101027399	105625799	111262386	113093188	115539800	5
Aroclor-1248-2	(2)	136540550	142594189	148530518	152692968	164144180	7
Aroclor-1248-3	(3)	143887712	149887199	155474250	158349236	169440400	6
Aroclor-1248-4	(4)	171266913	177666692	184171754	187513908	195642380	5
Aroclor-1248-5	(5)	174649655	180220384	187038042	189642400	190092660	3
Decachlorobiphenyl		4076042330	4166088587	4290124020	4403270520	4144788800	3
Tetrachloro-m-xylene		4758509080	4829545453	4892334280	4811209560	4727034000	1
Aroclor-1254-1	(1)	275439068	284238351	300243386	299923620	341055960	8
Aroclor-1254-2	(2)	245333366	253279232	267984098	268318040	313122940	9
Aroclor-1254-3	(3)	398238109	410614839	430545692	426530308	445294740	4
Aroclor-1254-4	(4)	284785979	294895399	305027804	301955520	300306220	3
Aroclor-1254-5	(5)	385708423	392326712	409498118	398089984	402006780	2
Decachlorobiphenyl		4273373360	4367226933	4604811080	4533103920	4272134600	3
Tetrachloro-m-xylene		4791085320	4887004773	5044010700	4876428000	4843036000	2
Aroclor-1268-1	(1)	948830555	965398547	981732904	993582148	991082540	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	784312077	796694211	811227528	817006596	768929160	795633914	2
Aroclor-1268-3	(3)	672635507	681509284	695723330	696225136	632763280	675771307	4
Aroclor-1268-4	(4)	270862616	275402580	280086838	282372280	267609400	275266743	2
Aroclor-1268-5	(5)	1768544208	1786014605	1818457210	1831952004	1717683400	1784530285	2
Decachlorobiphenyl		7349980390	7437822467	7706201340	7861559120	8321979800	7735508623	5
Tetrachloro-m-xylene		4791521570	4902547960	4915920660	4883273320	4724156000	4843483902	2

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **SDG NO.:** Q3740
Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.55	4.45	4.65	84124000
		2	4.63	4.53	4.73	60183600
		3	4.71	4.61	4.81	193335000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	150015000
		2	5.22	5.12	5.32	72567400
		3	5.51	5.41	5.61	158675000
		4	5.67	5.57	5.77	73795600
		5	5.76	5.66	5.86	51580600
Aroclor-1262	500	1	7.70	7.60	7.80	453404000
		2	8.23	8.13	8.33	707198000
		3	8.53	8.43	8.63	451420000
		4	8.62	8.52	8.72	336186000
		5	9.24	9.14	9.34	241816000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3740

Instrument ID: ECD_O Date(s) Analyzed: 11/04/2025 11/04/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.86	3.76	3.96	61799200
		2	3.95	3.85	4.05	45637000
		3	4.02	3.92	4.12	140257000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	111493000
		2	4.75	4.65	4.85	112095000
		3	4.92	4.82	5.02	59654200
		4	5.01	4.91	5.11	50889000
		5	5.18	5.08	5.28	56587600
Aroclor-1262	500	1	6.76	6.66	6.86	494206000
		2	7.26	7.16	7.36	795090000
		3	7.54	7.44	7.64	329028000
		4	7.61	7.51	7.71	538192000
		5	8.10	8.00	8.20	238020000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/04/2025

11/04/2025

Continuing Calib Time: 10:38

Initial Calibration Time(s): 09:39

18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/04/2025 11/04/2025

Continuing Calib Time: 10:38

Initial Calibration Time(s): 09:39 18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.24	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.62	8.64	8.54	8.74	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **SDG NO.:** Q3740
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115465.D **Time Analyzed:** 10:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.479	5.387	5.587	496.310	500.000	-0.7
Aroclor-1016-2	5.500	5.408	5.608	487.540	500.000	-2.5
Aroclor-1016-3	5.562	5.470	5.670	518.240	500.000	3.6
Aroclor-1016-4	5.657	5.566	5.766	496.140	500.000	-0.8
Aroclor-1016-5	5.948	5.858	6.058	488.160	500.000	-2.4
Aroclor-1260-1	7.061	6.971	7.171	460.180	500.000	-8.0
Aroclor-1260-2	7.315	7.225	7.425	499.040	500.000	-0.2
Aroclor-1260-3	7.672	7.582	7.782	483.760	500.000	-3.2
Aroclor-1260-4	7.894	7.803	8.003	471.850	500.000	-5.6
Aroclor-1260-5	8.200	8.110	8.310	466.800	500.000	-6.6
Decachlorobiphenyl	9.915	9.830	10.030	57.190	50.000	14.4
Tetrachloro-m-xylene	4.340	4.248	4.448	56.280	50.000	12.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **SDG NO.:** Q3740
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115465.D **Time Analyzed:** 10:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.717	4.628	4.828	454.430	500.000	-9.1
Aroclor-1016-2	4.737	4.647	4.847	473.050	500.000	-5.4
Aroclor-1016-3	4.911	4.821	5.021	458.020	500.000	-8.4
Aroclor-1016-4	4.953	4.864	5.064	462.250	500.000	-7.6
Aroclor-1016-5	5.165	5.076	5.276	472.970	500.000	-5.4
Aroclor-1260-1	6.193	6.106	6.306	426.140	500.000	-14.8
Aroclor-1260-2	6.381	6.294	6.494	402.960	500.000	-19.4
Aroclor-1260-3	6.533	6.446	6.646	417.810	500.000	-16.4
Aroclor-1260-4	7.004	6.917	7.117	422.800	500.000	-15.4
Aroclor-1260-5	7.244	7.158	7.358	424.970	500.000	-15.0
Decachlorobiphenyl	8.623	8.541	8.741	52.650	50.000	5.3
Tetrachloro-m-xylene	3.642	3.548	3.748	53.050	50.000	6.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/04/2025

11/04/2025

Continuing Calib Time: 16:17

Initial Calibration Time(s): 09:39

18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.47	5.49	5.39	5.59	0.02
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.65	5.67	5.57	5.77	0.02
Aroclor-1016-5	(5)	5.94	5.96	5.86	6.06	0.02
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.31	7.33	7.23	7.43	0.02
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.91	9.93	9.83	10.03	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Continuing Calib Date: 12/01/2025

Initial Calibration Date(s): 11/04/2025 11/04/2025

Continuing Calib Time: 16:17

Initial Calibration Time(s): 09:39 18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.73	4.75	4.65	4.85	0.02
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.24	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.62	8.64	8.54	8.74	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **SDG NO.:** Q3740
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115479.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.473	5.387	5.587	484.180	500.000	-3.2
Aroclor-1016-2	5.496	5.408	5.608	474.620	500.000	-5.1
Aroclor-1016-3	5.557	5.470	5.670	478.340	500.000	-4.3
Aroclor-1016-4	5.653	5.566	5.766	463.340	500.000	-7.3
Aroclor-1016-5	5.944	5.858	6.058	482.710	500.000	-3.5
Aroclor-1260-1	7.057	6.971	7.171	443.840	500.000	-11.2
Aroclor-1260-2	7.311	7.225	7.425	492.280	500.000	-1.5
Aroclor-1260-3	7.669	7.582	7.782	480.450	500.000	-3.9
Aroclor-1260-4	7.890	7.803	8.003	468.020	500.000	-6.4
Aroclor-1260-5	8.197	8.110	8.310	460.700	500.000	-7.9
Decachlorobiphenyl	9.910	9.830	10.030	57.050	50.000	14.1
Tetrachloro-m-xylene	4.336	4.248	4.448	57.490	50.000	15.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **SDG NO.:** Q3740
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115479.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.715	4.628	4.828	470.130	500.000	-6.0
Aroclor-1016-2	4.734	4.647	4.847	480.510	500.000	-3.9
Aroclor-1016-3	4.908	4.821	5.021	479.840	500.000	-4.0
Aroclor-1016-4	4.951	4.864	5.064	478.130	500.000	-4.4
Aroclor-1016-5	5.162	5.076	5.276	485.820	500.000	-2.8
Aroclor-1260-1	6.191	6.106	6.306	422.330	500.000	-15.5
Aroclor-1260-2	6.379	6.294	6.494	392.810	500.000	-21.4
Aroclor-1260-3	6.531	6.446	6.646	402.610	500.000	-19.5
Aroclor-1260-4	7.001	6.917	7.117	401.900	500.000	-19.6
Aroclor-1260-5	7.243	7.158	7.358	402.560	500.000	-19.5
Decachlorobiphenyl	8.622	8.541	8.741	52.890	50.000	5.8
Tetrachloro-m-xylene	3.640	3.548	3.748	54.200	50.000	8.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Continuing Calib Date: 12/02/2025

Initial Calibration Date(s): 11/04/2025

11/04/2025

Continuing Calib Time: 01:00

Initial Calibration Time(s): 09:39

18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.02
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.65	5.67	5.57	5.77	0.02
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.31	7.33	7.23	7.43	0.02
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.91	9.93	9.83	10.03	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Continuing Calib Date: 12/02/2025

Initial Calibration Date(s): 11/04/2025

11/04/2025

Continuing Calib Time: 01:00

Initial Calibration Time(s): 09:39

18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.73	4.75	4.65	4.85	0.02
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.24	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.62	8.64	8.54	8.74	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **SDG NO.:** Q3740
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 12/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115493.D **Time Analyzed:** 01:00

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.475	5.387	5.587	532.930	500.000	6.6
Aroclor-1016-2	5.498	5.408	5.608	469.670	500.000	-6.1
Aroclor-1016-3	5.559	5.470	5.670	495.780	500.000	-0.8
Aroclor-1016-4	5.654	5.566	5.766	496.330	500.000	-0.7
Aroclor-1016-5	5.945	5.858	6.058	493.280	500.000	-1.3
Aroclor-1260-1	7.059	6.971	7.171	473.900	500.000	-5.2
Aroclor-1260-2	7.313	7.225	7.425	519.720	500.000	3.9
Aroclor-1260-3	7.671	7.582	7.782	506.120	500.000	1.2
Aroclor-1260-4	7.893	7.803	8.003	543.380	500.000	8.7
Aroclor-1260-5	8.200	8.110	8.310	487.790	500.000	-2.4
Decachlorobiphenyl	9.914	9.830	10.030	58.990	50.000	18.0
Tetrachloro-m-xylene	4.338	4.248	4.448	58.770	50.000	17.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **SDG NO.:** Q3740
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 12/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115493.D **Time Analyzed:** 01:00

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.715	4.628	4.828	476.460	500.000	-4.7
Aroclor-1016-2	4.734	4.647	4.847	472.020	500.000	-5.6
Aroclor-1016-3	4.908	4.821	5.021	471.220	500.000	-5.8
Aroclor-1016-4	4.948	4.864	5.064	301.800	500.000	-39.6
Aroclor-1016-5	5.162	5.076	5.276	432.630	500.000	-13.5
Aroclor-1260-1	6.190	6.106	6.306	435.440	500.000	-12.9
Aroclor-1260-2	6.379	6.294	6.494	422.980	500.000	-15.4
Aroclor-1260-3	6.531	6.446	6.646	419.420	500.000	-16.1
Aroclor-1260-4	7.003	6.917	7.117	413.070	500.000	-17.4
Aroclor-1260-5	7.244	7.158	7.358	425.130	500.000	-15.0
Decachlorobiphenyl	8.623	8.541	8.741	53.910	50.000	7.8
Tetrachloro-m-xylene	3.640	3.548	3.748	53.870	50.000	7.7

Analytical Sequence

Client: G Environmental

SDG No.: Q3740

Project: Diamond

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/04/2025

11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/04/2025	09:21	PO114870.D	9.93	4.35
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	9.93	4.35
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	9.93	4.35
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	9.93	4.35
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	9.93	4.35
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	9.93	4.35
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	9.93	4.35
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	9.93	4.35
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	9.93	4.35
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	9.93	4.35
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	9.93	4.35
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	9.93	4.35
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	9.93	4.35
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	9.93	4.35
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	9.93	4.35
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	9.93	4.35
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	9.93	4.35
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	9.93	4.35
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	9.93	4.35
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	9.93	4.35
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	9.93	4.35
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	9.93	4.35
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	9.93	4.35
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	9.95	4.37
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	9.93	4.35
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	9.93	4.35
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	9.93	4.35
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	9.93	4.35
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	9.93	4.35
AR1660CCC500	AR1660CCC500	12/01/2025	10:38	PO115465.D	9.92	4.34
IBLK	IBLK	12/01/2025	11:59	PO115469.D	9.91	4.34
HD-01-11-26-2025MS	Q3732-01MS	12/01/2025	13:32	PO115474.D	9.91	4.34
HD-01-11-26-2025MSD	Q3732-01MSD	12/01/2025	13:51	PO115475.D	9.91	4.34
WC1	Q3740-01	12/01/2025	14:46	PO115478.D	9.91	4.34
AR1660CCC500	AR1660CCC500	12/01/2025	16:17	PO115479.D	9.91	4.34
IBLK	IBLK	12/01/2025	17:31	PO115483.D	9.91	4.34
PB170761BL	PB170761BL	12/01/2025	17:49	PO115484.D	9.91	4.34
PB170761BS	PB170761BS	12/01/2025	18:08	PO115485.D	9.91	4.34
AR1660CCC500	AR1660CCC500	12/02/2025	01:00	PO115493.D	9.91	4.34
IBLK	IBLK	12/02/2025	02:46	PO115497.D	9.91	4.34

Analytical Sequence

Client: G Environmental

SDG No.: Q3740

Project: Diamond

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/04/2025

11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/04/2025	09:21	PO114870.D	8.64	3.65
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	8.64	3.65
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	8.64	3.65
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	8.64	3.65
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	8.64	3.65
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	8.64	3.65
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	8.64	3.65
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	8.64	3.65
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	8.64	3.65
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	8.64	3.65
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	8.64	3.65
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	8.64	3.65
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	8.64	3.65
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	8.64	3.65
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	8.64	3.65
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	8.64	3.65
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	8.64	3.65
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	8.64	3.65
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	8.64	3.65
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	8.64	3.65
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	8.64	3.65
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	8.64	3.65
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	8.64	3.65
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	8.64	3.65
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	8.64	3.65
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	8.64	3.65
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	8.64	3.65
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	8.64	3.65
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	8.64	3.65
AR1660CCC500	AR1660CCC500	12/01/2025	10:38	PO115465.D	8.62	3.64
IBLK	IBLK	12/01/2025	11:59	PO115469.D	8.62	3.64
HD-01-11-26-2025MS	Q3732-01MS	12/01/2025	13:32	PO115474.D	8.62	3.64
HD-01-11-26-2025MSD	Q3732-01MSD	12/01/2025	13:51	PO115475.D	8.62	3.64
WC1	Q3740-01	12/01/2025	14:46	PO115478.D	8.62	3.64
AR1660CCC500	AR1660CCC500	12/01/2025	16:17	PO115479.D	8.62	3.64
IBLK	IBLK	12/01/2025	17:31	PO115483.D	8.62	3.64
PB170761BL	PB170761BL	12/01/2025	17:49	PO115484.D	8.62	3.64
PB170761BS	PB170761BS	12/01/2025	18:08	PO115485.D	8.62	3.64
AR1660CCC500	AR1660CCC500	12/02/2025	01:00	PO115493.D	8.62	3.64
IBLK	IBLK	12/02/2025	02:46	PO115497.D	8.62	3.64

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

HD-01-11-26-2025MS

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab Sample ID: Q3732-01MS

Date(s) Analyzed: 12/01/2025 12/01/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO115474.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.476	5.426	5.526	161	161	7.74
COLUMN 1	2	5.498	5.448	5.548	160		
	3	5.559	5.509	5.609	167		
	4	5.655	5.605	5.705	165		
	5	5.946	5.896	5.996	150		
	1	4.717	4.667	4.767	154		
COLUMN 2	2	4.736	4.686	4.786	153	149	
	3	4.91	4.86	4.96	146		
	4	4.952	4.902	5.002	144		
	5	5.163	5.113	5.213	147		
Aroclor-1260	1	7.059	7.009	7.109	156	158	25.71
COLUMN 1	2	7.313	7.263	7.363	188		
	3	7.671	7.621	7.721	157		
	4	7.891	7.841	7.941	160		
	5	8.198	8.148	8.248	126		
	1	6.192	6.142	6.242	137	122	
COLUMN 2	2	6.38	6.33	6.43	123		
	3	6.532	6.482	6.582	130		
	4	7.002	6.952	7.052	111		
	5	7.244	7.194	7.294	110		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

HD-01-11-26-2025MSD

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab Sample ID: Q3732-01MSD

Date(s) Analyzed: 12/01/2025 12/01/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO115475.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.476	5.426	5.526	157	155	8.05
COLUMN 1	2	5.498	5.448	5.548	153		
	3	5.56	5.51	5.61	158		
	4	5.656	5.606	5.706	162		
	5	5.947	5.897	5.997	145		
	1	4.717	4.667	4.767	151		
COLUMN 2	2	4.736	4.686	4.786	148	143	
	3	4.91	4.86	4.96	140		
	4	4.952	4.902	5.002	138		
	5	5.164	5.114	5.214	140		
Aroclor-1260	1	7.06	7.01	7.11	144	133	12.8
COLUMN 1	2	7.313	7.263	7.363	151		
	3	7.671	7.621	7.721	122		
	4	7.892	7.842	7.942	130		
	5	8.199	8.149	8.249	118		
	1	6.192	6.142	6.242	132		
COLUMN 2	2	6.38	6.33	6.43	118	117	
	3	6.532	6.482	6.582	124		
	4	7.002	6.952	7.052	105		
	5	7.244	7.194	7.294	103		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170761BS

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Lab Sample ID: PB170761BS

Date(s) Analyzed: 12/01/2025 12/01/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO115485.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.475	5.425	5.525	142	143	7.25
COLUMN 1	2	5.497	5.447	5.547	141		
	3	5.558	5.508	5.608	147		
	4	5.654	5.604	5.704	147		
	5	5.945	5.895	5.995	137		
COLUMN 2	1	4.716	4.666	4.766	139	133	
	2	4.736	4.686	4.786	136		
	3	4.909	4.859	4.959	130		
	4	4.952	4.902	5.002	129		
	5	5.164	5.114	5.214	133		
Aroclor-1260	1	7.059	7.009	7.109	143	136	12.5
COLUMN 1	2	7.313	7.263	7.363	152		
	3	7.671	7.621	7.721	128		
	4	7.892	7.842	7.942	135		
	5	8.198	8.148	8.248	124		
COLUMN 2	1	6.192	6.142	6.242	131	120	
	2	6.379	6.329	6.429	122		
	3	6.531	6.481	6.581	127		
	4	7.003	6.953	7.053	109		
	5	7.244	7.194	7.294	110		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
 Data File : PO115478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 14:46
 Operator : YP/AJ
 Sample : Q3740-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WC1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 06:19:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 05 06:00:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.336	3.641	151.4E6	103.3E6	21.509	23.127
2) SA Decachlor...	9.910	8.622	92104785	69182128	20.837m	17.722m

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 14:46
Operator : YP/AJ
Sample : Q3740-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

WC1

Manual Integrations

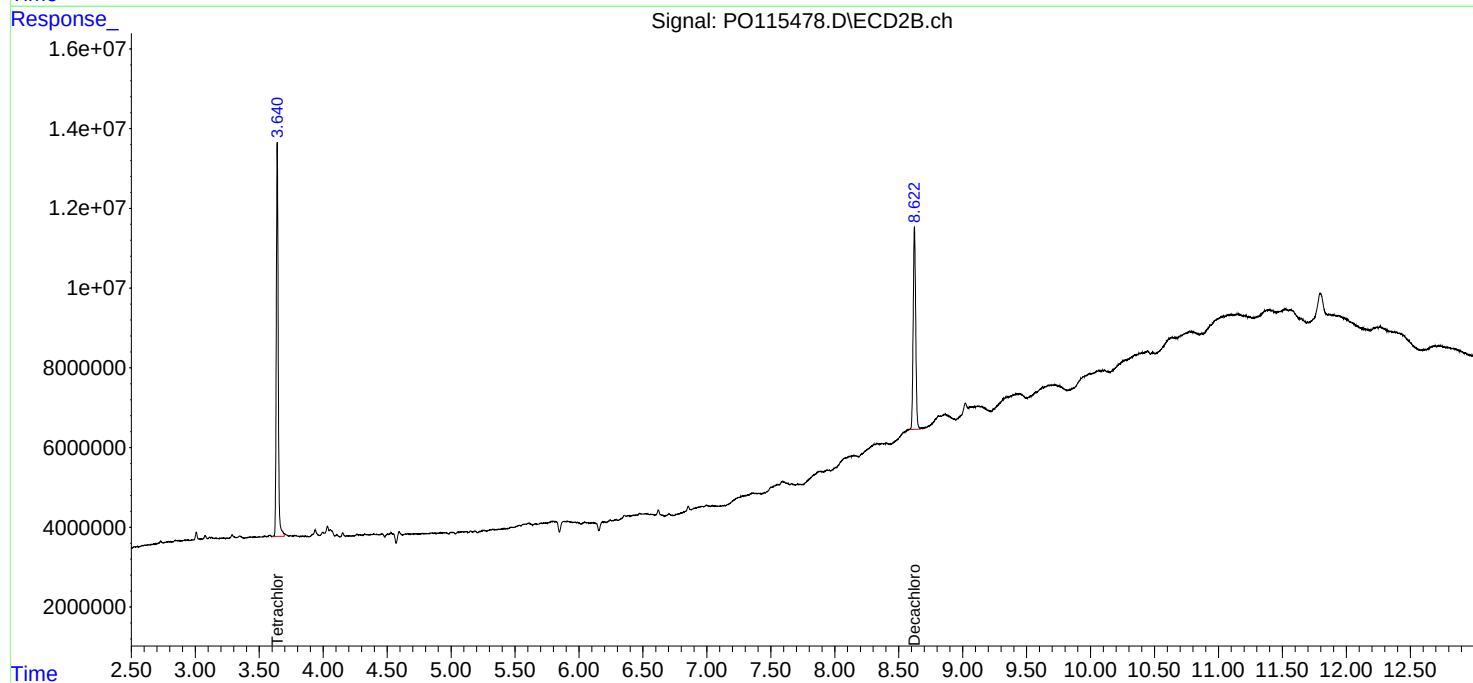
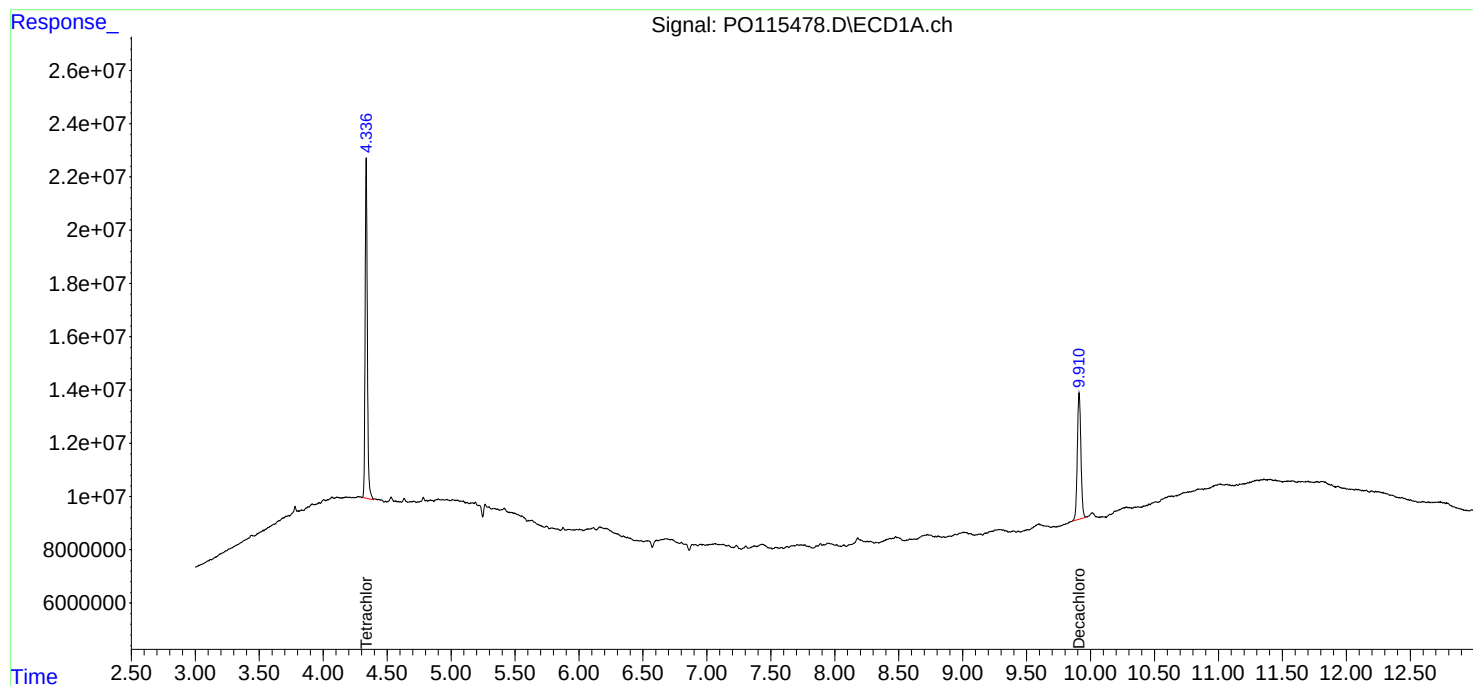
APPROVED

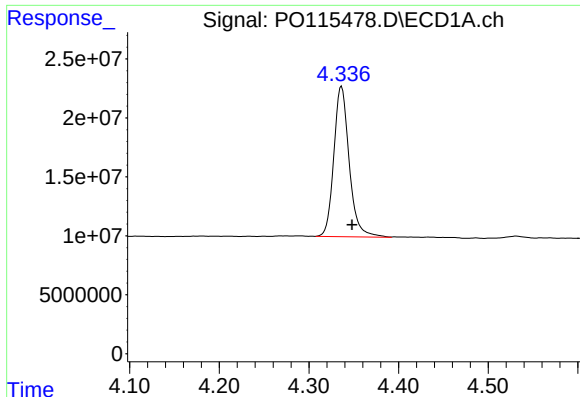
Reviewed By :Rahul Chavli 12/02/2025

Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:19:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





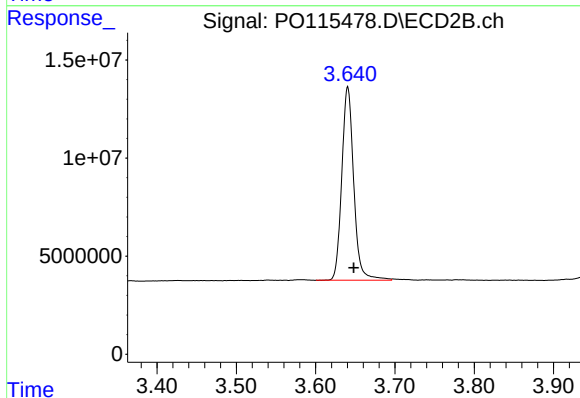
#1 Tetrachloro-m-xylene

R.T.: 4.336 min
Delta R.T.: -0.012 min
Response: 151381158
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC1

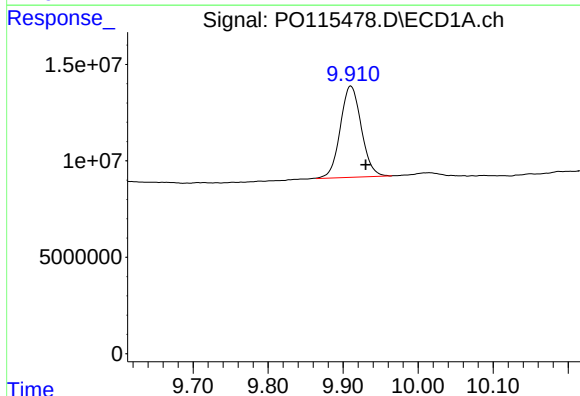
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



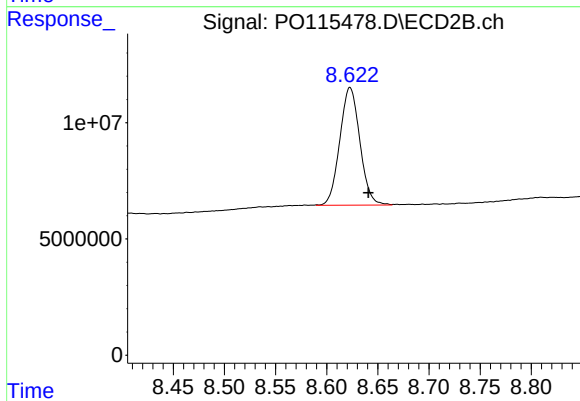
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.008 min
Response: 103301530
Conc: 23.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.910 min
Delta R.T.: -0.021 min
Response: 92104785
Conc: 20.84 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.622 min
Delta R.T.: -0.018 min
Response: 69182128
Conc: 17.72 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 17:49
Operator : YP/AJ
Sample : PB170761BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170761BL

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.338	3.642	165.5E6	101.9E6	23.522	22.815
2) SA Decachlor...	9.911	8.622	108.4E6	90552670	24.525m	23.196

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 17:49
Operator : YP/AJ
Sample : PB170761BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

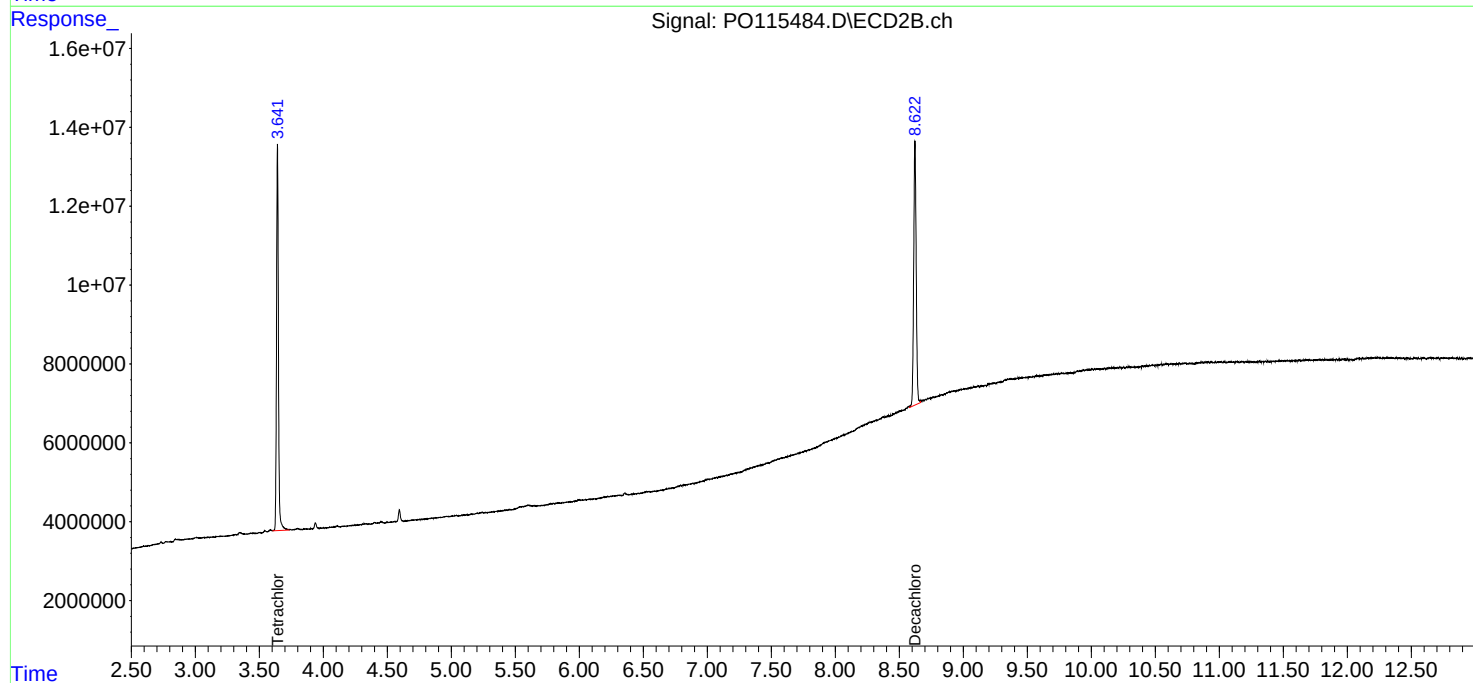
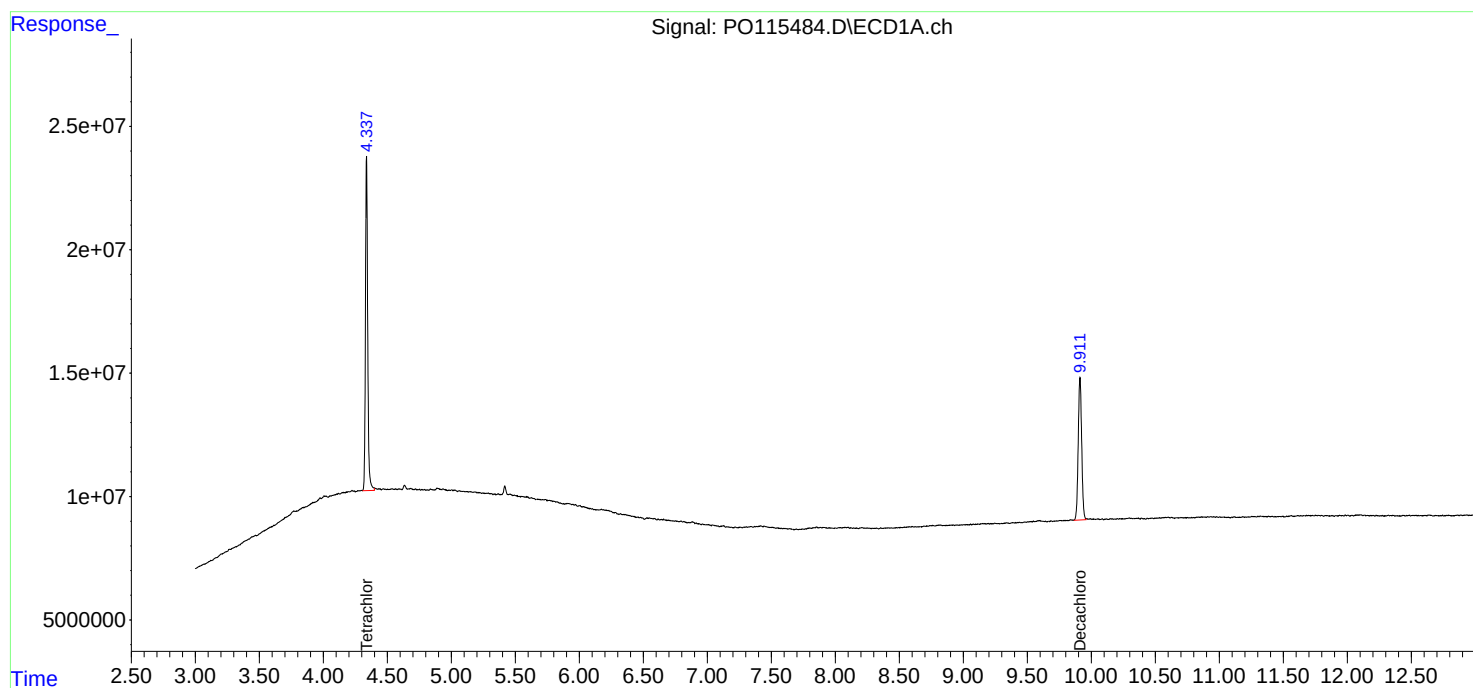
Instrument :
ECD_O
ClientSampleId :
PB170761BL

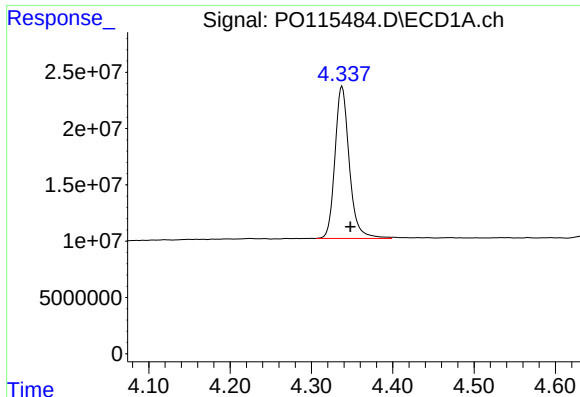
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 4.338 min
Delta R.T.: -0.010 min
Response: 165549211
Conc: 23.52 ng/ml

Instrument :

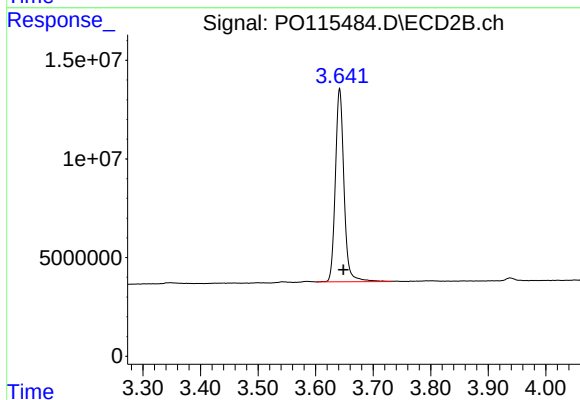
ECD_O

ClientSampleId :

PB170761BL

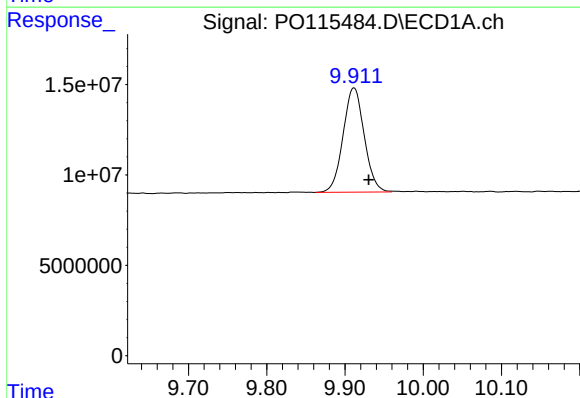
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



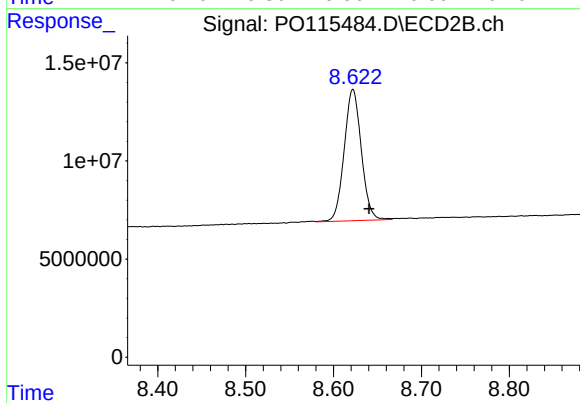
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.007 min
Response: 101910970
Conc: 22.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.911 min
Delta R.T.: -0.019 min
Response: 108407238
Conc: 24.53 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 90552670
Conc: 23.20 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
 Data File : PO115485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 18:08
 Operator : YP/AJ
 Sample : PB170761BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB170761BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/02/2025

Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 06:21:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 05 06:00:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.338	3.641	169.9E6	97256969	24.147	21.773
2) SA Decachlor...	9.910	8.624	111.7E6	91964085	25.267m	23.557
Target Compounds						
3) L1 AR-1016-1	5.475	4.716	104.6E6	79345624	425.044m	417.048m
4) L1 AR-1016-2	5.497	4.736	168.0E6	110.3E6	422.992m	407.079
5) L1 AR-1016-3	5.558	4.909	98381738	57650675	441.172m	389.602
6) L1 AR-1016-4	5.654	4.952	83507566	45416421	442.131m	386.793
7) L1 AR-1016-5	5.945	5.164	73236577	60797906	410.986m	398.117
31) L7 AR-1260-1	7.059	6.192	131.0E6	116.7E6	428.507	394.276
32) L7 AR-1260-2	7.313	6.379	181.1E6	157.4E6	457.494	366.066
33) L7 AR-1260-3	7.671	6.531	127.6E6	133.9E6	384.654	381.290
34) L7 AR-1260-4	7.892	7.003	123.6E6	99377851	405.136	327.949
35) L7 AR-1260-5	8.198	7.244	265.3E6	272.5E6	371.960	331.681

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 18:08
Operator : YP/AJ
Sample : PB170761BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB170761BS

Manual Integrations

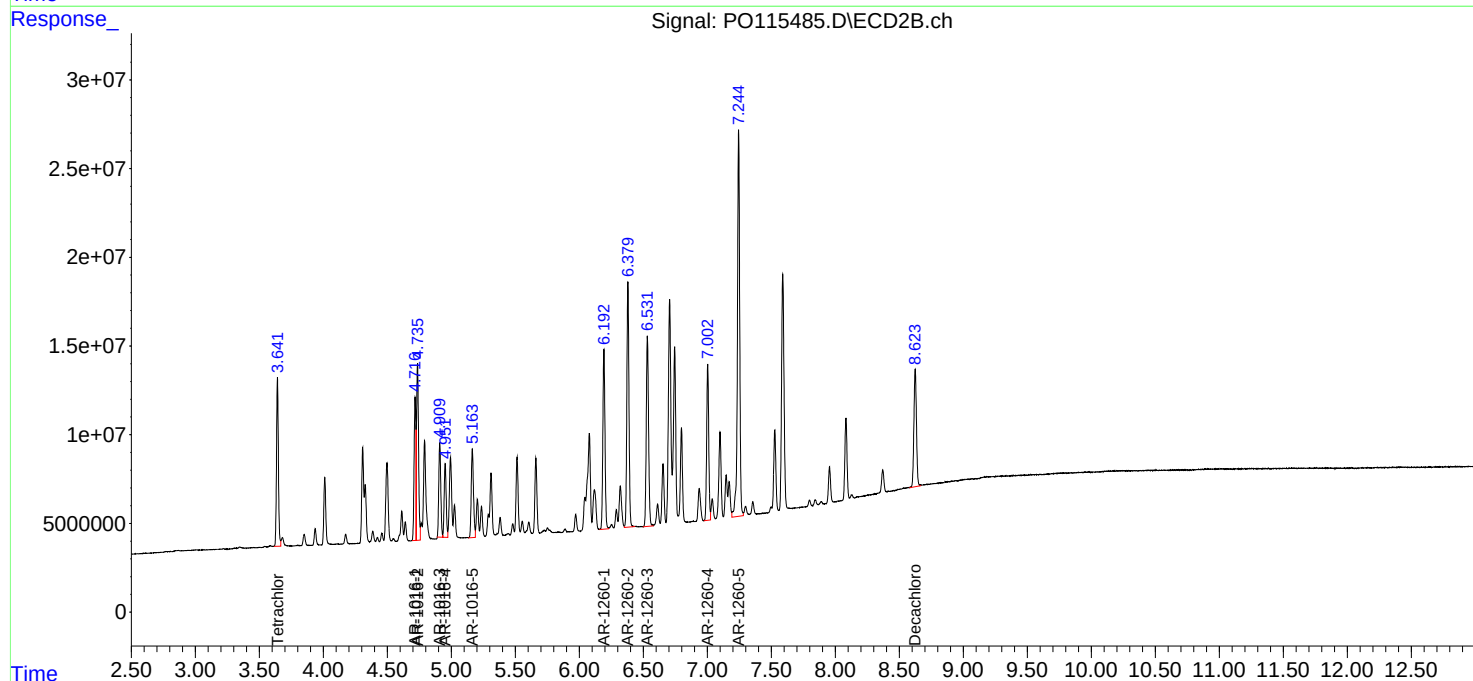
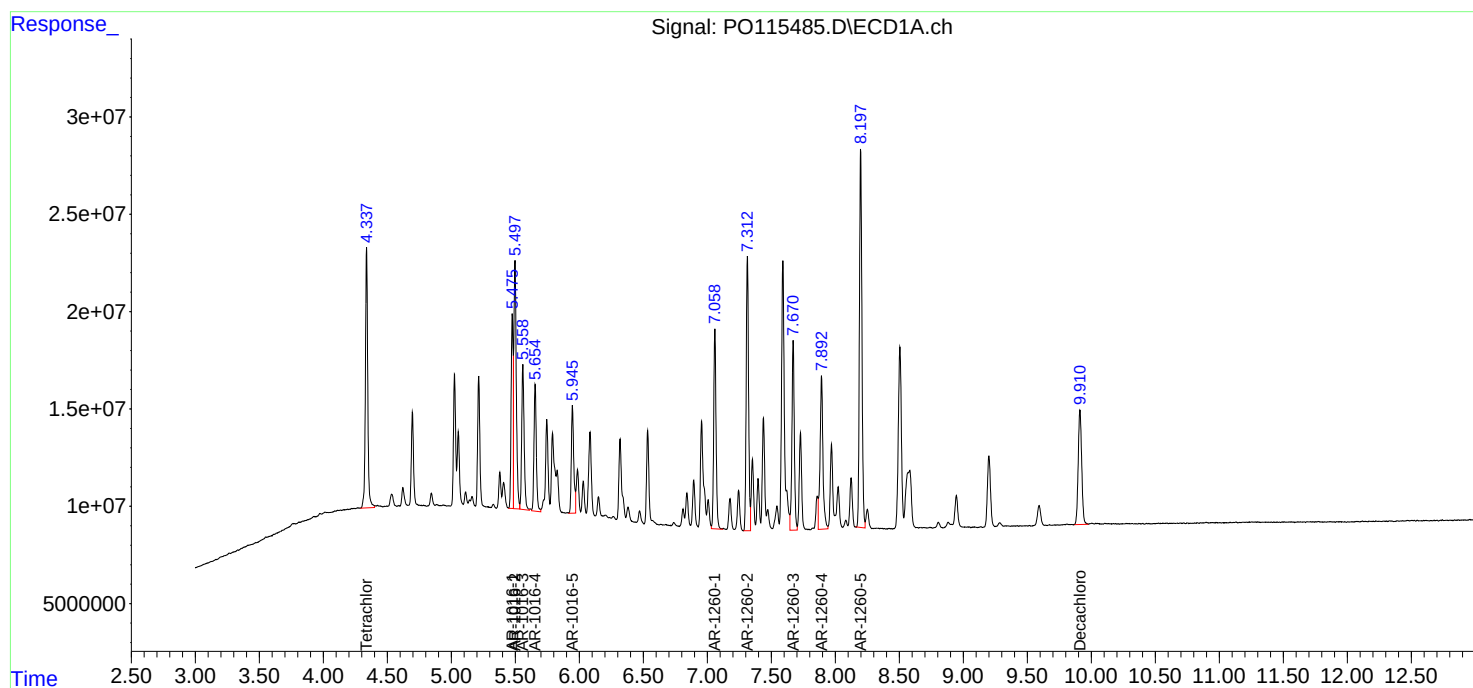
APPROVED

Reviewed By :Rahul Chavli 12/02/2025

Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:21:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
 Data File : PO115474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 13:32
 Operator : YP/AJ
 Sample : Q3732-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HD-01-11-26-2025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 06:17:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 05 06:00:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.338	3.642	186.5E6	109.4E6	26.495	24.487
2) SA Decachlor...	9.911	8.624	109.9E6	88430598	24.858m	22.652
Target Compounds						
3) L1 AR-1016-1	5.476	4.717	103.5E6	76594642	420.734	402.588m
4) L1 AR-1016-2	5.498	4.736	166.5E6	108.6E6	419.364	400.757
5) L1 AR-1016-3	5.559	4.910	97186050	56338366	435.810	380.734
6) L1 AR-1016-4	5.655	4.952	81629008	44058399	432.185	375.228
7) L1 AR-1016-5	5.946	5.163	69960219	58556713	392.600	383.442
31) L7 AR-1260-1	7.059	6.192	124.9E6	106.4E6	408.756	359.270
32) L7 AR-1260-2	7.313	6.380	194.4E6	138.7E6	491.111	322.459 #
33) L7 AR-1260-3	7.671	6.532	136.5E6	119.0E6	411.433	338.929
34) L7 AR-1260-4	7.891	7.002	127.9E6	87728978	419.326	289.507 #
35) L7 AR-1260-5	8.198	7.244	234.9E6	236.2E6	329.389	287.433

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 13:32
Operator : YP/AJ
Sample : Q3732-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

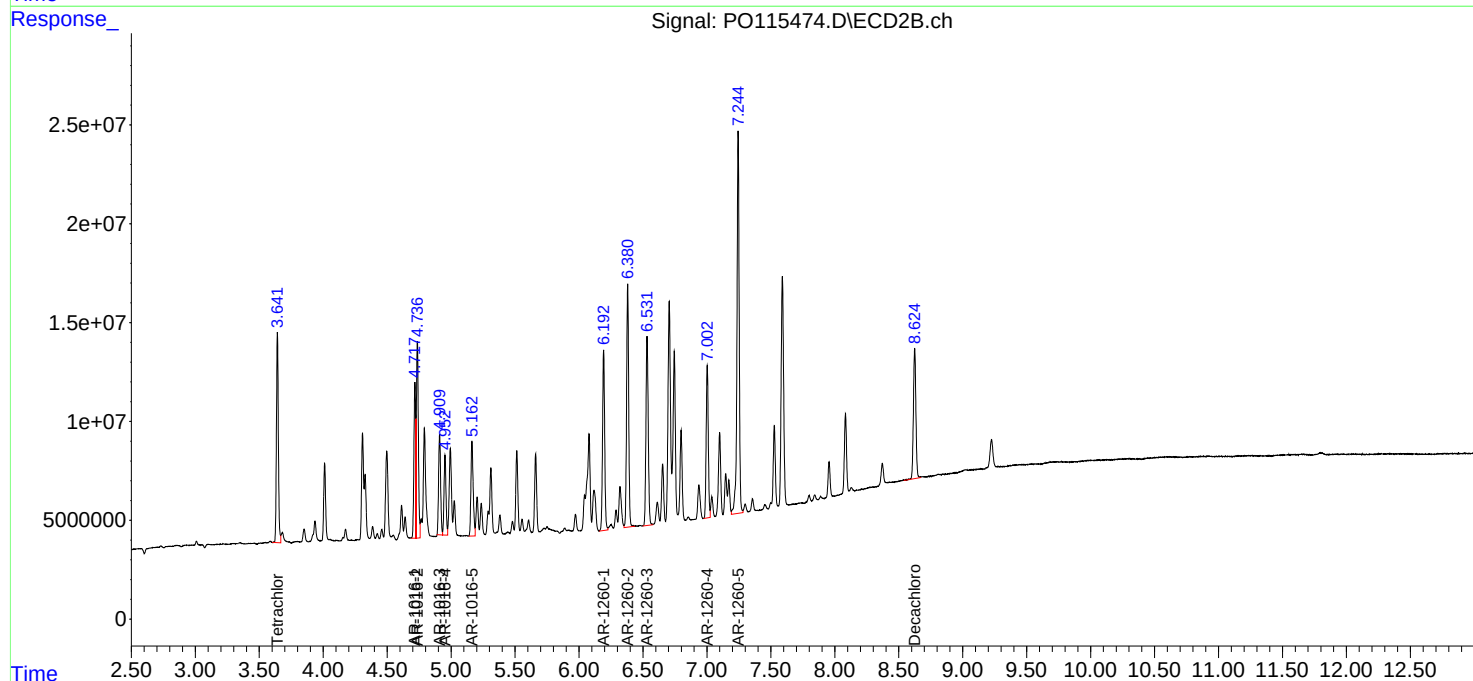
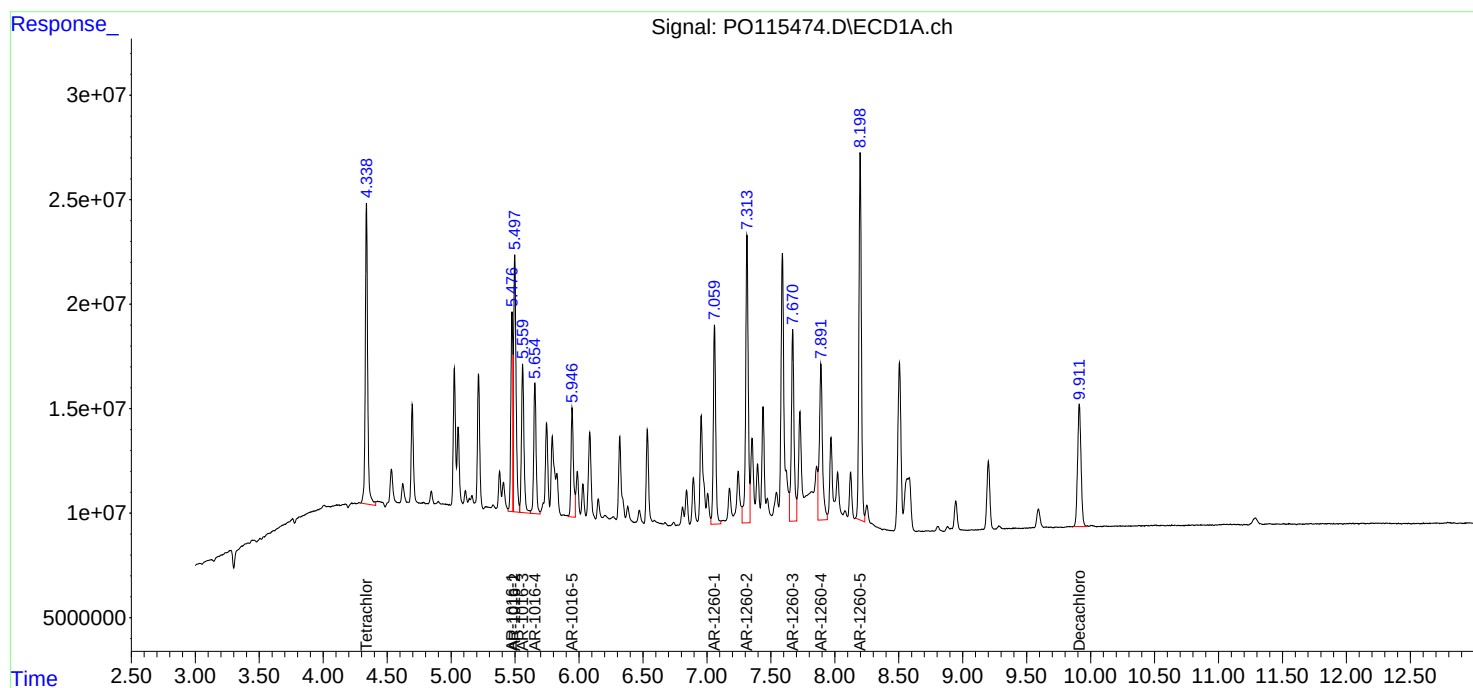
Instrument :
ECD_O
ClientSampleId :
HD-01-11-26-2025MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:17:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
 Data File : PO115475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 13:51
 Operator : YP/AJ
 Sample : Q3732-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HD-01-11-26-2025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 06:18:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 05 06:00:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.339	3.642	171.6E6	103.0E6	24.381	23.062
2) SA Decachlor...	9.911	8.623	101.9E6	83195166	23.046m	21.311
Target Compounds						
3) L1 AR-1016-1	5.476	4.717	100.9E6	75049490	409.986	394.467m
4) L1 AR-1016-2	5.498	4.736	158.4E6	104.3E6	398.839	385.050
5) L1 AR-1016-3	5.560	4.910	92066706	54208862	412.853	366.342
6) L1 AR-1016-4	5.656	4.952	79937617	42203048	423.230	359.426
7) L1 AR-1016-5	5.947	5.164	67546046	55869155	379.052	365.843
31) L7 AR-1260-1	7.060	6.192	115.0E6	102.2E6	376.319	344.982
32) L7 AR-1260-2	7.313	6.380	156.1E6	132.9E6	394.378	309.013
33) L7 AR-1260-3	7.671	6.532	105.8E6	113.3E6	318.751	322.760
34) L7 AR-1260-4	7.892	7.002	103.4E6	83406146	338.919	275.242
35) L7 AR-1260-5	8.199	7.244	220.2E6	220.9E6	308.746	268.849

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 13:51
Operator : YP/AJ
Sample : Q3732-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

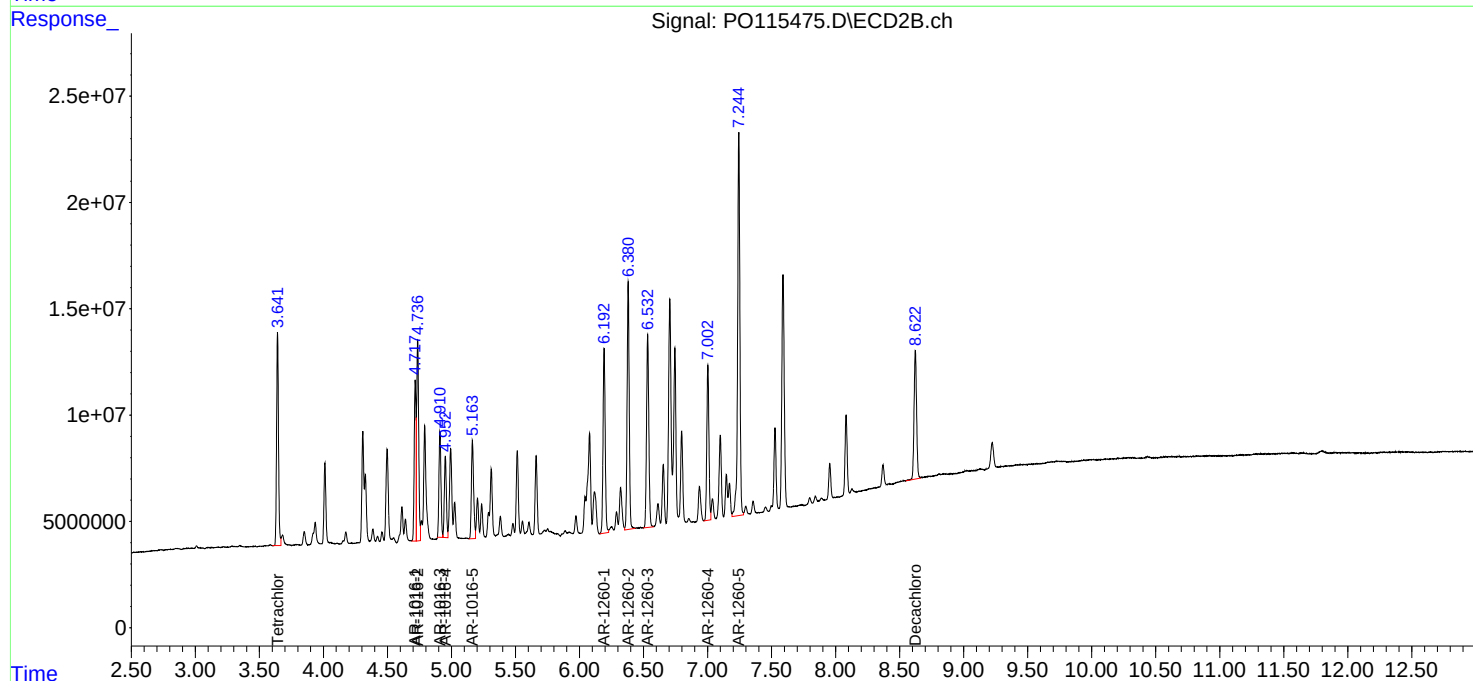
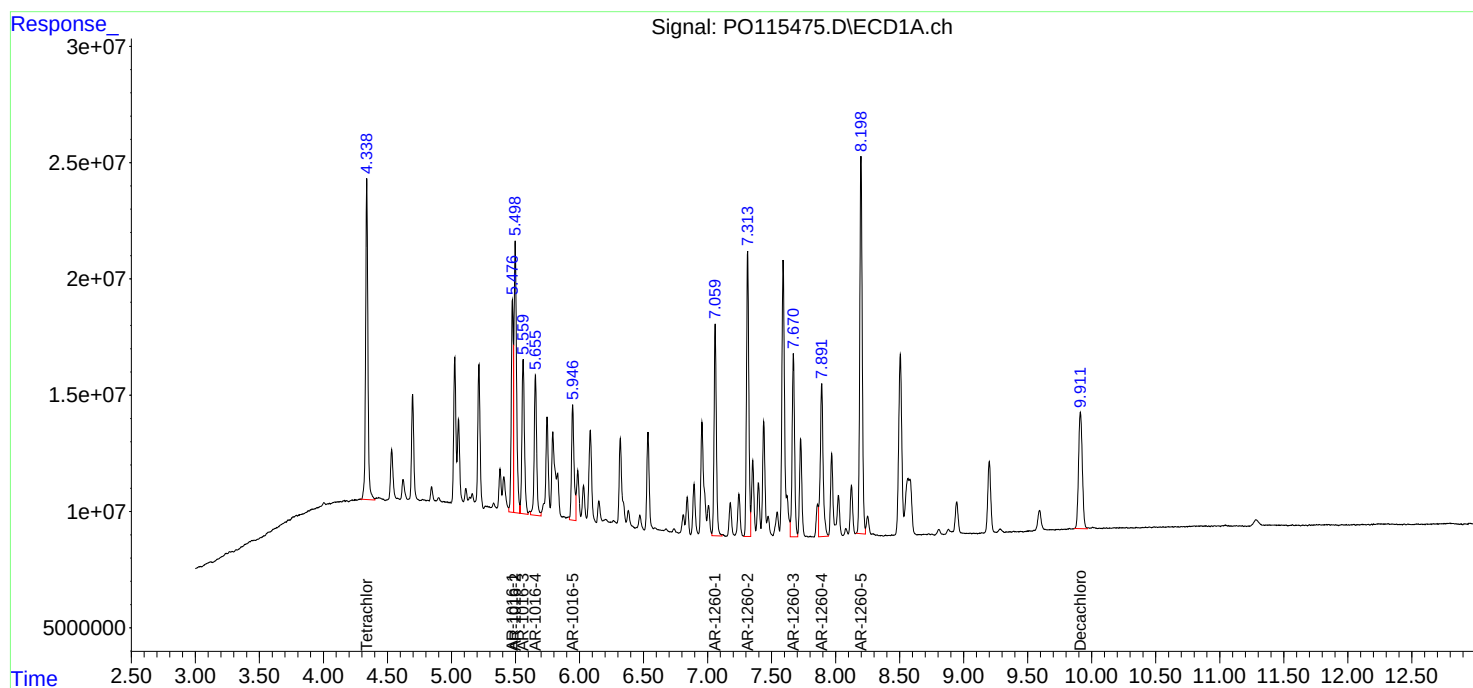
Instrument :
ECD_O
ClientSampleId :
HD-01-11-26-2025MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:18:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	po110425	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO114874.D	AR-1260-1 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC250	PO114874.D	AR-1260-2 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-3 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-5 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-3	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-4	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1242ICC050	PO114882.D	AR-1242-5 #2	rahul	11/5/2025 8:39:51 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-1	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-2	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software

Manual Integration Report

Sequence:	po110425	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO114892.D	AR-1254-4	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	Decachlorobiphenyl	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1268ICC250	PO114897.D	AR-1268-1 #2	rahul	11/5/2025 8:40:09 AM	yogesh	11/5/2025 10:22:13	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-1	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-2	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-3	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-4	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software

Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO115465.D	AR-1016-1 #2	rahul	12/2/2025 10:05:31 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115465.D	Decachlorobiphenyl	rahul	12/2/2025 10:05:31 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115466.D	AR-1242-1 #2	rahul	12/2/2025 10:05:44 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115467.D	AR-1248-1 #2	rahul	12/2/2025 10:05:47 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115467.D	Decachlorobiphenyl	rahul	12/2/2025 10:05:47 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC500	PO115468.D	AR-1254-1	rahul	12/2/2025 10:05:50 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
I.BLK	PO115469.D	Decachlorobiphenyl	rahul	12/2/2025 10:05:55 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3732-01MS	PO115474.D	AR-1016-1 #2	rahul	12/2/2025 10:06:12 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3732-01MS	PO115474.D	Decachlorobiphenyl	rahul	12/2/2025 10:06:12 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3732-01MSD	PO115475.D	AR-1016-1 #2	rahul	12/2/2025 10:06:14 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3732-01MSD	PO115475.D	Decachlorobiphenyl	rahul	12/2/2025 10:06:14 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3740-01	PO115478.D	Decachlorobiphenyl	rahul	12/2/2025 10:06:23 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3740-01	PO115478.D	Decachlorobiphenyl #2	rahul	12/2/2025 10:06:23 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO115479.D	AR-1016-1	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115479.D	AR-1016-1 #2	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115479.D	AR-1016-3 #2	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115479.D	AR-1016-4 #2	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115480.D	AR-1242-1	rahul	12/2/2025 10:06:28 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115480.D	AR-1242-1 #2	rahul	12/2/2025 10:06:28 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115481.D	AR-1248-1	rahul	12/2/2025 10:06:30 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115481.D	AR-1248-1 #2	rahul	12/2/2025 10:06:30 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC500	PO115482.D	AR-1254-1	rahul	12/2/2025 10:06:34 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
I.BLK	PO115483.D	Decachlorobiphenyl	rahul	12/2/2025 10:06:37 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
PB170761BL	PO115484.D	Decachlorobiphenyl	rahul	12/2/2025 10:06:43 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
PB170761BS	PO115485.D	AR-1016-1	rahul	12/2/2025 10:07:05 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
PB170761BS	PO115485.D	AR-1016-1 #2	rahul	12/2/2025 10:07:05 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170761BS	PO115485.D	AR-1016-2	rahul	12/2/2025 10:07:05 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
PB170761BS	PO115485.D	AR-1016-3	rahul	12/2/2025 10:07:05 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
PB170761BS	PO115485.D	AR-1016-4	rahul	12/2/2025 10:07:05 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
PB170761BS	PO115485.D	AR-1016-5	rahul	12/2/2025 10:07:05 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
PB170761BS	PO115485.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:05 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-1	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-1 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-3	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-3 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-4	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-4 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-5	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO115493.D	AR-1016-5 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1260-1	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1260-1 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1260-2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1260-3	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115494.D	AR-1242-1 #2	rahul	12/2/2025 10:07:33 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115494.D	AR-1242-3 #2	rahul	12/2/2025 10:07:33 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115494.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:33 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115495.D	AR-1248-1 #2	rahul	12/2/2025 10:07:35 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115495.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:35 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC500	PO115496.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:39 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
I.BLK	PO115497.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:43 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO115500.D	AR-1016-1	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-1 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-3	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-3 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-4	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-4 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-5	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1016-5 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1260-1	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1260-1 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1260-2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1260-2 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO115500.D	AR-1260-3	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1260-3 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	AR-1260-4	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115500.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115501.D	AR-1242-1	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115501.D	AR-1242-1 #2	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115501.D	AR-1242-2	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115501.D	AR-1242-3	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115502.D	AR-1248-1 #2	rahul	12/2/2025 10:07:57 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115502.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:57 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC500	PO115503.D	AR-1254-1	rahul	12/2/2025 10:08:00 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC500	PO115503.D	Decachlorobiphenyl #2	rahul	12/2/2025 10:08:00 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
I.BLK	PO115504.D	Decachlorobiphenyl	rahul	12/2/2025 10:08:02 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

PO120125

Instrument

ECD_o

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PO110425	HP Acquire Method	HP Processing Method PO110425
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114869.D	04 Nov 2025 09:03	YP/AJ	Ok
2	I.BLK	PO114870.D	04 Nov 2025 09:21	YP/AJ	Ok
3	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39	YP/AJ	Ok
4	AR1660ICC750	PO114872.D	04 Nov 2025 09:58	YP/AJ	Ok
5	AR1660ICC500	PO114873.D	04 Nov 2025 10:16	YP/AJ	Ok
6	AR1660ICC250	PO114874.D	04 Nov 2025 10:34	YP/AJ	Ok,M
7	AR1660ICC050	PO114875.D	04 Nov 2025 10:53	YP/AJ	Ok,M
8	AR1221ICC500	PO114876.D	04 Nov 2025 11:11	YP/AJ	Ok
9	AR1232ICC500	PO114877.D	04 Nov 2025 11:30	YP/AJ	Ok
10	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48	YP/AJ	Ok
11	AR1242ICC750	PO114879.D	04 Nov 2025 12:06	YP/AJ	Ok
12	AR1242ICC500	PO114880.D	04 Nov 2025 12:25	YP/AJ	Ok
13	AR1242ICC250	PO114881.D	04 Nov 2025 12:42	YP/AJ	Ok
14	AR1242ICC050	PO114882.D	04 Nov 2025 13:00	YP/AJ	Ok,M
15	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19	YP/AJ	Ok
16	AR1248ICC750	PO114884.D	04 Nov 2025 13:37	YP/AJ	Ok
17	AR1248ICC500	PO114885.D	04 Nov 2025 13:56	YP/AJ	Ok
18	AR1248ICC250	PO114886.D	04 Nov 2025 14:14	YP/AJ	Ok
19	AR1248ICC050	PO114887.D	04 Nov 2025 14:33	YP/AJ	Ok
20	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51	YP/AJ	Ok
21	AR1254ICC750	PO114889.D	04 Nov 2025 15:09	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PO110425	HP Acquire Method	HP Processing Method PO110425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PO114890.D	04 Nov 2025 15:28	YP/AJ	Ok
23	AR1254ICC250	PO114891.D	04 Nov 2025 16:04	YP/AJ	Ok
24	AR1254ICC050	PO114892.D	04 Nov 2025 16:23	YP/AJ	Ok,M
25	AR1262ICC500	PO114893.D	04 Nov 2025 17:00	YP/AJ	Ok
26	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18	YP/AJ	Ok
27	AR1268ICC750	PO114895.D	04 Nov 2025 17:36	YP/AJ	Ok
28	AR1268ICC500	PO114896.D	04 Nov 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO114897.D	04 Nov 2025 18:13	YP/AJ	Ok,M
30	AR1268ICC050	PO114898.D	04 Nov 2025 18:31	YP/AJ	Ok
31	PO110425ICV500	PO114899.D	04 Nov 2025 19:08	YP/AJ	Ok
32	AR1242ICV500	PO114900.D	04 Nov 2025 20:21	YP/AJ	Ok,M
33	AR1248ICV500	PO114901.D	04 Nov 2025 20:58	YP/AJ	Ok
34	AR1254ICV500	PO114902.D	04 Nov 2025 21:35	YP/AJ	Ok
35	AR1268ICV500	PO114903.D	04 Nov 2025 22:12	YP/AJ	Ok
36	DDT ANALOG	PO114904.D	04 Nov 2025 22:48	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM
SubDirectory	PO120125	HP Acquire Method	HP Processing Method PO110425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO115464.D	01 Dec 2025 09:59	YP/AJ	Ok
2	AR1660CCC500	PO115465.D	01 Dec 2025 10:38	YP/AJ	Ok,M
3	AR1242CCC500	PO115466.D	01 Dec 2025 11:04	YP/AJ	Ok,M
4	AR1248CCC500	PO115467.D	01 Dec 2025 11:22	YP/AJ	Ok,M
5	AR1254CCC500	PO115468.D	01 Dec 2025 11:40	YP/AJ	Ok,M
6	I.BLK	PO115469.D	01 Dec 2025 11:59	YP/AJ	Ok,M
7	Q3694-01MS	PO115470.D	01 Dec 2025 12:19	YP/AJ	Ok,M
8	Q3694-01MSD	PO115471.D	01 Dec 2025 12:37	YP/AJ	Ok,M
9	Q3725-04	PO115472.D	01 Dec 2025 12:56	YP/AJ	Ok,M
10	Q3732-01	PO115473.D	01 Dec 2025 13:14	YP/AJ	Ok,M
11	Q3732-01MS	PO115474.D	01 Dec 2025 13:32	YP/AJ	Ok,M
12	Q3732-01MSD	PO115475.D	01 Dec 2025 13:51	YP/AJ	Ok,M
13	Q3733-01	PO115476.D	01 Dec 2025 14:09	YP/AJ	Ok,M
14	Q3735-01	PO115477.D	01 Dec 2025 14:27	YP/AJ	Ok,M
15	Q3740-01	PO115478.D	01 Dec 2025 14:46	YP/AJ	Ok,M
16	AR1660CCC500	PO115479.D	01 Dec 2025 16:17	YP/AJ	Ok,M
17	AR1242CCC500	PO115480.D	01 Dec 2025 16:36	YP/AJ	Ok,M
18	AR1248CCC500	PO115481.D	01 Dec 2025 16:54	YP/AJ	Ok,M
19	AR1254CCC500	PO115482.D	01 Dec 2025 17:13	YP/AJ	Ok,M
20	I.BLK	PO115483.D	01 Dec 2025 17:31	YP/AJ	Ok,M
21	PB170761BL	PO115484.D	01 Dec 2025 17:49	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM
SubDirectory	PO120125	HP Acquire Method	HP Processing Method PO110425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB170761BS	PO115485.D	01 Dec 2025 18:08	YP/AJ	Ok,M
23	PB170759BL	PO115486.D	01 Dec 2025 18:26	YP/AJ	Ok,M
24	PB170759BS	PO115487.D	01 Dec 2025 18:44	YP/AJ	Ok,M
25	Q3726-01	PO115488.D	01 Dec 2025 19:03	YP/AJ	Ok,M
26	Q3726-02	PO115489.D	01 Dec 2025 19:21	YP/AJ	Ok,M
27	Q3747-01	PO115490.D	01 Dec 2025 19:39	YP/AJ	Ok,M
28	Q3747-02	PO115491.D	01 Dec 2025 19:58	YP/AJ	Ok,M
29	Q3747-03	PO115492.D	01 Dec 2025 20:16	YP/AJ	Ok,M
30	AR1660CCC500	PO115493.D	02 Dec 2025 01:00	YP/AJ	Ok,M
31	AR1242CCC500	PO115494.D	02 Dec 2025 01:51	YP/AJ	Ok,M
32	AR1248CCC500	PO115495.D	02 Dec 2025 02:10	YP/AJ	Ok,M
33	AR1254CCC500	PO115496.D	02 Dec 2025 02:28	YP/AJ	Ok,M
34	I.BLK	PO115497.D	02 Dec 2025 02:46	YP/AJ	Ok,M
35	PB170774BL	PO115498.D	02 Dec 2025 03:05	YP/AJ	Ok,M
36	PB170774BS	PO115499.D	02 Dec 2025 03:23	YP/AJ	Ok,M
37	AR1660CCC500	PO115500.D	02 Dec 2025 05:07	YP/AJ	Ok,M
38	AR1242CCC500	PO115501.D	02 Dec 2025 05:44	YP/AJ	Ok,M
39	AR1248CCC500	PO115502.D	02 Dec 2025 06:02	YP/AJ	Ok,M
40	AR1254CCC500	PO115503.D	02 Dec 2025 06:20	YP/AJ	Ok,M
41	I.BLK	PO115504.D	02 Dec 2025 06:39	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PO110425	HP Acquire Method	HP Processing Method PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114869.D	04 Nov 2025 09:03		YP/AJ	Ok
2	I.BLK	I.BLK	PO114870.D	04 Nov 2025 09:21		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO114872.D	04 Nov 2025 09:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO114873.D	04 Nov 2025 10:16		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO114874.D	04 Nov 2025 10:34		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO114875.D	04 Nov 2025 10:53		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO114876.D	04 Nov 2025 11:11		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO114877.D	04 Nov 2025 11:30		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO114879.D	04 Nov 2025 12:06		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO114880.D	04 Nov 2025 12:25		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO114881.D	04 Nov 2025 12:42		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO114882.D	04 Nov 2025 13:00		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO114884.D	04 Nov 2025 13:37		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO114885.D	04 Nov 2025 13:56		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO114886.D	04 Nov 2025 14:14		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PO110425	HP Acquire Method	HP Processing Method PO110425
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

19	AR1248ICC050	AR1248ICC050	PO114887.D	04 Nov 2025 14:33		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO114889.D	04 Nov 2025 15:09		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO114890.D	04 Nov 2025 15:28		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO114891.D	04 Nov 2025 16:04		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO114892.D	04 Nov 2025 16:23		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO114893.D	04 Nov 2025 17:00		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO114895.D	04 Nov 2025 17:36		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO114896.D	04 Nov 2025 17:55		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO114897.D	04 Nov 2025 18:13		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO114898.D	04 Nov 2025 18:31		YP/AJ	Ok
31	PO110425ICV500	ICVPO110425	PO114899.D	04 Nov 2025 19:08		YP/AJ	Ok
32	AR1242ICV500	ICVPO110425AR1242	PO114900.D	04 Nov 2025 20:21		YP/AJ	Ok,M
33	AR1248ICV500	ICVPO110425AR1248	PO114901.D	04 Nov 2025 20:58		YP/AJ	Ok
34	AR1254ICV500	ICVPO110425AR1254	PO114902.D	04 Nov 2025 21:35		YP/AJ	Ok
35	AR1268ICV500	ICVPO110425AR1268	PO114903.D	04 Nov 2025 22:12		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO114904.D	04 Nov 2025 22:48		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM
SubDirectory	PO120125	HP Acquire Method	HP Processing Method PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO115464.D	01 Dec 2025 09:59		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO115465.D	01 Dec 2025 10:38		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO115466.D	01 Dec 2025 11:04		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO115467.D	01 Dec 2025 11:22		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO115468.D	01 Dec 2025 11:40		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO115469.D	01 Dec 2025 11:59		YP/AJ	Ok,M
7	Q3694-01MS	C0AD8MS	PO115470.D	01 Dec 2025 12:19	recovery fail for AR1260	YP/AJ	Ok,M
8	Q3694-01MSD	C0AD8MSD	PO115471.D	01 Dec 2025 12:37	recovery fail for AR1260	YP/AJ	Ok,M
9	Q3725-04	STOCKPILE-SAMPLES	PO115472.D	01 Dec 2025 12:56		YP/AJ	Ok,M
10	Q3732-01	HD-01-11-26-2025	PO115473.D	01 Dec 2025 13:14		YP/AJ	Ok,M
11	Q3732-01MS	HD-01-11-26-2025MS	PO115474.D	01 Dec 2025 13:32		YP/AJ	Ok,M
12	Q3732-01MSD	HD-01-11-26-2025MSD	PO115475.D	01 Dec 2025 13:51	RPD fail for AR1260	YP/AJ	Ok,M
13	Q3733-01	SU-04-11-26-2025	PO115476.D	01 Dec 2025 14:09		YP/AJ	Ok,M
14	Q3735-01	BU-3-112625	PO115477.D	01 Dec 2025 14:27		YP/AJ	Ok,M
15	Q3740-01	WC1	PO115478.D	01 Dec 2025 14:46		YP/AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PO115479.D	01 Dec 2025 16:17		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO115480.D	01 Dec 2025 16:36		YP/AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PO115481.D	01 Dec 2025 16:54		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM
SubDirectory	PO120125	HP Acquire Method	HP Processing Method PO110425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1254CCC500	AR1254CCC500	PO115482.D	01 Dec 2025 17:13		YP/AJ	Ok,M
20	I.BLK	I.BLK	PO115483.D	01 Dec 2025 17:31		YP/AJ	Ok,M
21	PB170761BL	PB170761BL	PO115484.D	01 Dec 2025 17:49		YP/AJ	Ok,M
22	PB170761BS	PB170761BS	PO115485.D	01 Dec 2025 18:08		YP/AJ	Ok,M
23	PB170759BL	PB170759BL	PO115486.D	01 Dec 2025 18:26		YP/AJ	Ok,M
24	PB170759BS	PB170759BS	PO115487.D	01 Dec 2025 18:44		YP/AJ	Ok,M
25	Q3726-01	112125-A	PO115488.D	01 Dec 2025 19:03	AR1248 hits	YP/AJ	Ok,M
26	Q3726-02	112125-B	PO115489.D	01 Dec 2025 19:21	AR1248 hits	YP/AJ	Ok,M
27	Q3747-01	1	PO115490.D	01 Dec 2025 19:39		YP/AJ	Ok,M
28	Q3747-02	2	PO115491.D	01 Dec 2025 19:58		YP/AJ	Ok,M
29	Q3747-03	3	PO115492.D	01 Dec 2025 20:16	AR1254 hits	YP/AJ	Ok,M
30	AR1660CCC500	AR1660CCC500	PO115493.D	02 Dec 2025 01:00		YP/AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PO115494.D	02 Dec 2025 01:51		YP/AJ	Ok,M
32	AR1248CCC500	AR1248CCC500	PO115495.D	02 Dec 2025 02:10		YP/AJ	Ok,M
33	AR1254CCC500	AR1254CCC500	PO115496.D	02 Dec 2025 02:28		YP/AJ	Ok,M
34	I.BLK	I.BLK	PO115497.D	02 Dec 2025 02:46		YP/AJ	Ok,M
35	PB170774BL	PB170774BL	PO115498.D	02 Dec 2025 03:05		YP/AJ	Ok,M
36	PB170774BS	PB170774BS	PO115499.D	02 Dec 2025 03:23		YP/AJ	Ok,M
37	AR1660CCC500	AR1660CCC500	PO115500.D	02 Dec 2025 05:07		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM
SubDirectory	PO120125	HP Acquire Method	HP Processing Method PO110425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	AR1242CCC500	AR1242CCC500	PO115501.D	02 Dec 2025 05:44		YP/AJ	Ok,M
39	AR1248CCC500	AR1248CCC500	PO115502.D	02 Dec 2025 06:02		YP/AJ	Ok,M
40	AR1254CCC500	AR1254CCC500	PO115503.D	02 Dec 2025 06:20		YP/AJ	Ok,M
41	I.BLK	I.BLK	PO115504.D	02 Dec 2025 06:39		YP/AJ	Ok,M

M : Manual Integration

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup **Extraction Start Date :** 12/01/2025

Matrix : Solid **Extraction Start Time :** 08:55

Weight By: EH **Extraction By:** RJ **Extraction End Date :** 12/01/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 12:00

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP25072
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2660
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3988
H2SO4 1:1	N/A	EP2657
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A **Envap ID:** N-EVAP-02

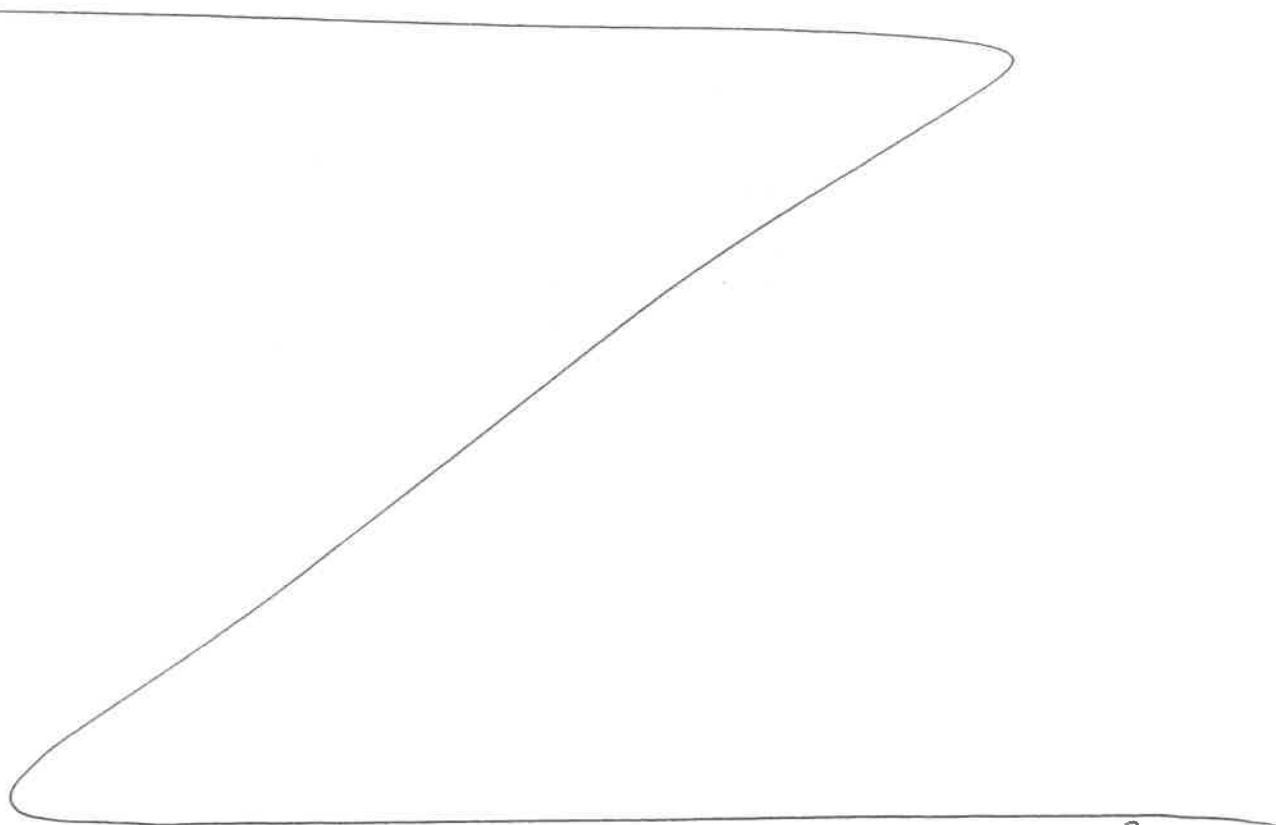
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/ Location
12/1/25	RS (Ext Lab)	R. Foster/PCBL ab
12:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/01/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170761BL	ABLK761	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB170761BS	ALCS761	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3725-04	STOCKPILE-SAMPLES	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q3732-01	HD-01-11-26-2025	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
Q3732-01MS	HD-01-11-26-2025MS	PCB	30.07	N/A	ritesh	Evelyn	10	E		5
Q3732-01MS D	HD-01-11-26-2025MSD	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q3733-01	SU-04-11-26-2025	PCB	30.05	N/A	ritesh	Evelyn	10	E		U3-1
Q3735-01	BU-3-112625	PCB	30.02	N/A	ritesh	Evelyn	10	F		2
Q3740-01	WC1	PCB	30.07	N/A	ritesh	Evelyn	10	B		3



RS
12/1

19076
8:53

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3732 WorkList ID : 193381 Department : Extraction Date : 12-01-2025 08:41:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3725-04	STOCKPILE-SAMPLES	Solid	PCB	Cool 4 deg C	ROMA02	D41	11/25/2025	8082A
Q3732-01	HD-01-11-26-2025	Solid	PCB	Cool 4 deg C	PSEG05	A11	11/26/2025	8082A
Q3733-01	SU-04-11-26-2025	Solid	PCB	Cool 4 deg C	PSEG05	A11	11/26/2025	8082A
Q3735-01	BU-3-112625	Solid	PCB	Cool 4 deg C	PSEG05	A11	11/26/2025	8082A
Q3740-01	WC1	Solid	PCB	Cool 4 deg C	GENV01	A11	11/26/2025	8082A

Date/Time 12/1/25 8:50
Raw Sample Received by: RJ (BAHAB)
Raw Sample Relinquished by: CP

Date/Time 12/1/25 9:10
Raw Sample Received by: SP
Raw Sample Relinquished by: RJ (BAHAB)



LAB CHRONICLE

OrderID:	Q3740	OrderDate:	11/26/2025 4:30:00 PM
Client:	G Environmental	Project:	Diamond
Contact:	Gary Landis	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	WC1	SOIL	PCB	8082A	11/26/25	12/01/25	12/01/25	11/26/25



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	WC1	SDG No.:	Q3740
Lab Sample ID:	Q3740-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.05 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	30.9		1	1.31	2.22	mg/kg	FE057113.D	12/01/25 23:09	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	12.5		1	1.01	4.44	mg/kg	FE057113.D	12/01/25 23:09	PB170764
Total AliphaticEPH	Total AliphaticEPH	43.4			2.32	6.66	mg/kg			
Total EPH	Total EPH	43.4			2.32	6.66	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client: G Environmental	Date Collected: 11/26/25	
Project: Diamond	Date Received: 11/26/25	
Client Sample ID: WC1	SDG No.: Q3740	
Lab Sample ID: Q3740-01	Matrix: Solid	
Analytical Method: NJEPH	% Solid: 90	
Sample Wt/Vol: 30.05 g	Test: EPH_NF	Final Vol: 2000 uL
Prep Method :		Prep Date 12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	12.5	1		1.01	4.44	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	30.9	1		1.31	2.22	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.0			40 - 140	48%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.0			40 - 140	52%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3740-01	Acq On:	01 Dec 2025 23:09
Client Sample ID:	WC1	Operator:	YP\AJ
Data file:	FE057113.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	524039	2.612	300	ug/ml
Aliphatic C12-C16	6.826	10.270	1481838	7.293	200	ug/ml
Aliphatic C16-C21	10.271	13.644	16305161	82.218	300	ug/ml
Aliphatic C21-C28	13.645	17.313	15203089	76.495	400	ug/ml
Aliphatic C28-C40	17.314	22.242	83403139	417.225	600	ug/ml
Aliphatic EPH	3.201	22.242	116917266	585.842		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	5702659	25.99		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	4000845	24.04		ug/ml
Aliphatic C9-C28	3.201	17.313	33514127	168.618	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3740
Run Number: FE120125AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB170764BL	51	61		0
PB170764BS	55	61		0
PB170764BSD	54	60		0
HD-01-11-26-2025MS	50	56		0
HD-01-11-26-2025MSD	50	55		0
WC1	48	52		0

QC LIMITS

1-chlorooctadecane (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3740</u>
Sample No :	<u>Q3732-01MS</u>	Datafile:	<u>FE057108.D</u>
		Client ID :	<u>HD-01-11-26-2025MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	34.5	15.1	40.0	72		(40-140)
Aliphatic C9-C28	114.8	2.07	76.0	64		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.8	0.0080	1.6330	43		(40-140)
n-Decane (C10)	3.8	0.0057	3.9661	104		(40-140)
Naphthalene (C11.7)	3.8	0.0057	2.4107	63		(40-140)
n-Dodecane (C12)	3.8	0.0040	2.1542	57		(40-140)
2-methylnaphthalene (C12.89)	3.8	0.0057	2.4908	65		(40-140)
n-Tetradecane (C14)	3.8	0.0288	2.5401	66		(40-140)
n-Hexadecane (C16)	3.8	0.0519	2.7419	71		(40-140)
n-Octadecane (C18)	3.8	0.0263	2.7433	72		(40-140)
n-Eicosane (C20)	3.8	0.0253	2.8467	74		(40-140)
n-Heneicosane (C21)	3.8	0.0227	2.8652	75		(40-140)
n-Docosane (C22)	3.8	0.0287	2.8223	74		(40-140)
n-Tetracosane (C24)	7.7	0.0631	8.7509	113		(40-140)
n-Hexacosane (C26)	3.8	0.0574	2.6862	69		(40-140)
n-Octacosane (C28)	3.8	0.0737	2.7512	70		(40-140)
n-Tricontane (C30)	3.8	0.0992	2.3108	58		(40-140)
n-Dotriacontane (C32)	3.8	0.1849	2.3028	56		(40-140)
n-Tetratriacontane (C34)	3.8	0.3291	2.6174	60		(40-140)
n-Hexatriacontane (C36)	3.8	0.9840	3.3170	61		(40-140)
n-Octatriacontane (C38)	3.8	0.7415	3.5386	74		(40-140)
n-Tetracontane (C40)	3.8	0.0674	3.2854	85		(40-140)

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3740</u>
Sample No :	<u>Q3732-01MSD</u>	Datafile:	<u>FE057109.D</u>
		Client ID :	<u>HD-01-11-26-2025MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	34.5	15.1	41.3	76		4.99 (40-140)	50
Aliphatic C9-C28	115.1	2.07	75.4	64		1.1 (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.8	0.0080	1.6250	43		0 (40-140)	50
n-Decane (C10)	3.8	0.0057	3.9542	104		0 (40-140)	50
Naphthalene (C11.7)	3.8	0.0057	2.3974	63		0 (40-140)	50
n-Dodecane (C12)	3.8	0.0040	2.1487	56		1.77 (40-140)	50
2-methylnaphthalene (C12.89)	3.8	0.0057	2.4700	65		0 (40-140)	50
n-Tetradecane (C14)	3.8	0.0288	2.5235	66		0 (40-140)	50
n-Hexadecane (C16)	3.8	0.0519	2.7194	70		1.42 (40-140)	50
n-Octadecane (C18)	3.8	0.0263	2.7198	71		1.4 (40-140)	50
n-Eicosane (C20)	3.8	0.0253	2.8238	74		0 (40-140)	50
n-Heneicosane (C21)	3.8	0.0227	2.8453	74		1.34 (40-140)	50
n-Docosane (C22)	3.8	0.0287	2.8032	73		1.36 (40-140)	50
n-Tetracosane (C24)	7.7	0.0631	8.7218	112		0.89 (40-140)	50
n-Hexacosane (C26)	3.8	0.0574	2.6596	68		1.46 (40-140)	50
n-Octacosane (C28)	3.8	0.0737	2.7382	70		0 (40-140)	50
n-Tricontane (C30)	3.8	0.0992	2.2838	57		1.74 (40-140)	50
n-Dotriacontane (C32)	3.8	0.1849	2.2784	55		1.8 (40-140)	50
n-Tetratriacontane (C34)	3.8	0.3291	2.5792	59		1.68 (40-140)	50
n-Hexatriacontane (C36)	3.8	0.9840	3.3515	62		1.63 (40-140)	50
n-Octatriacontane (C38)	3.8	0.7415	3.4826	72		2.74 (40-140)	50
n-Tetracontane (C40)	3.8	0.0674	3.3827	87		2.33 (40-140)	50

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3740</u>
Sample No :	<u>PB170764BS</u>	Datafile:	<u>FE057099.D</u>
		Client ID :	<u>PB170764BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	21.0	70		(40-140)
Aliphatic C9-C28	99.9	65.3	65		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.96343	59		(40-140)
n-Decane (C10)	3.3	2.04088	62		(40-140)
Naphthalene (C11.7)	3.3	2.54234	77		(40-140)
n-Dodecane (C12)	3.3	2.23625	68		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.43256	74		(40-140)
n-Tetradecane (C14)	3.3	2.37666	72		(40-140)
n-Hexadecane (C16)	3.3	2.31687	70		(40-140)
n-Octadecane (C18)	3.3	2.29292	69		(40-140)
n-Eicosane (C20)	3.3	2.38114	72		(40-140)
n-Heneicosane (C21)	3.3	2.39337	73		(40-140)
n-Docosane (C22)	3.3	2.35613	71		(40-140)
n-Tetracosane (C24)	6.7	4.97737	74		(40-140)
n-Hexacosane (C26)	3.3	2.22728	67		(40-140)
n-Octacosane (C28)	3.3	2.19593	67		(40-140)
n-Tricontane (C30)	3.3	1.89370	57		(40-140)
n-Dotriacontane (C32)	3.3	1.76054	53		(40-140)
n-Tetratriacontane (C34)	3.3	1.95903	59		(40-140)
n-Hexatriacontane (C36)	3.3	2.23542	68		(40-140)
n-Octatriacontane (C38)	3.3	2.47751	75		(40-140)
n-Tetracontane (C40)	3.3	2.63600	80		(40-140)

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental
Lab Code: ACE **SDG No:** Q3740
Sample No : PB170764BSD **Datafile:** FE057100.D **Client ID :** PB170764BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	21.1	70		0.39 (40-140) 25
Aliphatic C9-C28	99.9	65.6	66		0.273 (40-140) 25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%) QC Limit Of RPD
n-Eicosane (C20)	3.3	2.38949	72		0 (40-140) 25
n-Heneicosane (C21)	3.3	2.40190	73		0 (40-140) 25
n-Docosane (C22)	3.3	2.36298	72		1.4 (40-140) 25
n-Tetracosane (C24)	6.7	5.00275	75		1.34 (40-140) 25
n-Hexacosane (C26)	3.3	2.23165	68		1.48 (40-140) 25
n-Octacosane (C28)	3.3	2.27533	69		2.94 (40-140) 25
n-Tricontane (C30)	3.3	1.89240	57		0 (40-140) 25
n-Dotriacontane (C32)	3.3	1.75885	53		0 (40-140) 25
n-Tetratriacontane (C34)	3.3	1.95522	59		0 (40-140) 25
n-Hexatriacontane (C36)	3.3	2.26074	69		1.46 (40-140) 25
n-Octatriacontane (C38)	3.3	2.47593	75		0 (40-140) 25
n-Tetracontane (C40)	3.3	2.63053	80		0 (40-140) 25
n-Nonane (C9)	3.3	1.95190	59		0 (40-140) 25
n-Decane (C10)	3.3	2.03243	62		0 (40-140) 25
Naphthalene (C11.7)	3.3	2.53876	77		0 (40-140) 25
n-Dodecane (C12)	3.3	2.23126	68		0 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	2.44051	74		0 (40-140) 25
n-Tetradecane (C14)	3.3	2.38021	72		0 (40-140) 25
n-Hexadecane (C16)	3.3	2.32278	70		0 (40-140) 25
n-Octadecane (C18)	3.3	2.30031	70		1.44 (40-140) 25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170764BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3740

Instrument ID: FID_E

Lab Sample ID: PB170764BL

Matrix: (soil/water) Solid

Date Extracted: 12/1/2025 9:20:00 A

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170764BS	PB170764BS
PB170764BSD	PB170764BSD
HD-01-11-26-2025MS	Q3732-01MS
HD-01-11-26-2025MSD	Q3732-01MSD
WC1	Q3740-01

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Diamond	Date Received:	
Client Sample ID:	PB170764BL	SDG No.:	Q3740
Lab Sample ID:	PB170764BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE057098.D	12/01/25 15:38	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FE057098.D	12/01/25 15:38	PB170764
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170764BL	SDG No.:	Q3740
Lab Sample ID: PB170764BL	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.6			40 - 140	51%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.6			40 - 140	61%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BL	Acq On:	01 Dec 2025 15:38
Client Sample ID:	PB170764BL	Operator:	YP\AJ
Data file:	FE057098.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	0	0	300	ug/ml
Aliphatic C12-C16	6.826	10.270	0	0	200	ug/ml
Aliphatic C16-C21	10.271	13.644	0	0	300	ug/ml
Aliphatic C21-C28	13.645	17.313	0	0	400	ug/ml
Aliphatic C28-C40	17.314	22.242	0	0	600	ug/ml
Aliphatic EPH	3.201	22.242	0	0		ug/ml
ortho-Terphenyl (SURR)	11.940	11.940	6722927	30.64		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4254082	25.56		ug/ml
Aliphatic C9-C28	3.201	17.313	0	0	1200	ug/ml

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170764BS	SDG No.:	Q3740
Lab Sample ID: PB170764BS	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FE057099.D	12/01/25 16:08	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	65.3		1	0.91	3.99	mg/kg	FE057099.D	12/01/25 16:08	PB170764
Total AliphaticEPH	Total AliphaticEPH	86.3			2.09	5.99	mg/kg			
Total EPH	Total EPH	86.3			2.09	5.99	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170764BS	SDG No.:	Q3740
Lab Sample ID: PB170764BS	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	65.3	1		0.91	3.99	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	21.0	1		1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.3			40 - 140	55%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.4			40 - 140	61%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BS	Acq On:	01 Dec 2025 16:08
Client Sample ID:	PB170764BS	Operator:	YP\AJ
Data file:	FE057099.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	33915509	169.023	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45808536	225.461	200	ug/ml
Aliphatic C16-C21	10.271	13.644	51305267	258.705	300	ug/ml
Aliphatic C21-C28	13.645	17.313	65174163	327.925	400	ug/ml
Aliphatic C28-C40	17.314	22.242	63029390	315.305	600	ug/ml
Aliphatic EPH	3.201	22.242	259232865	1300		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	6667052	30.38		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4542216	27.29		ug/ml
Aliphatic C9-C28	3.201	17.313	196203475	981.114	1200	ug/ml

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: PB170764BSD	SDG No.:	Q3740
Lab Sample ID: PB170764BSD	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.02 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	21.1		1	1.18	2.00	mg/kg	FE057100.D	12/01/25 16:39	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	65.6		1	0.91	3.99	mg/kg	FE057100.D	12/01/25 16:39	PB170764
Total AliphaticEPH	Total AliphaticEPH	86.7			2.09	5.99	mg/kg			
Total EPH	Total EPH	86.7			2.09	5.99	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Diamond	Date Received:	
Client Sample ID:	PB170764BSD	SDG No.:	Q3740
Lab Sample ID:	PB170764BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
		Prep Date	12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	65.6	1		0.91	3.99	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	21.1	1		1.18	2.00	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.1			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.2			40 - 140	60%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170764BSD	Acq On:	01 Dec 2025 16:39
Client Sample ID:	PB170764BSD	Operator:	YP\AJ
Data file:	FE057100.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	33807182	168.484	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45928620	226.052	200	ug/ml
Aliphatic C16-C21	10.271	13.644	51485081	259.612	300	ug/ml
Aliphatic C21-C28	13.645	17.313	65653140	330.335	400	ug/ml
Aliphatic C28-C40	17.314	22.242	63252450	316.421	600	ug/ml
Aliphatic EPH	3.201	22.242	260126473	1300		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	6631833	30.22		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4512680	27.12		ug/ml
Aliphatic C9-C28	3.201	17.313	196874023	984.483	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Diamond	Date Received:	
Client Sample ID:	HD-01-11-26-2025MS	SDG No.:	Q3740
Lab Sample ID:	Q3732-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.05 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	40.0		1	1.36	2.30	mg/kg	FE057108.D	12/01/25 20:39	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	76.0		1	1.04	4.60	mg/kg	FE057108.D	12/01/25 20:39	PB170764
Total AliphaticEPH	Total AliphaticEPH	116			2.40	6.90	mg/kg			
Total EPH	Total EPH	116			2.40	6.90	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client: G Environmental	Date Collected:	
Project: Diamond	Date Received:	
Client Sample ID: HD-01-11-26-2025MS	SDG No.:	Q3740
Lab Sample ID: Q3732-01MS	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	86.9
Sample Wt/Vol: 30.05 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL	
	Prep Date 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	76.0	1		1.04	4.60	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	40.0	1		1.36	2.30	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.1			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.0			40 - 140	56%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3732-01MS	Acq On:	01 Dec 2025 20:39
Client Sample ID:	HD-01-11-26-2025MS	Operator:	YP\AJ
Data file:	FE057108.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	27704251	138.069	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45802662	225.432	200	ug/ml
Aliphatic C16-C21	10.271	13.644	54967390	277.171	300	ug/ml
Aliphatic C21-C28	13.645	17.313	69762308	351.011	400	ug/ml
Aliphatic C28-C40	17.314	22.242	104391119	522.217	600	ug/ml
Aliphatic EPH	3.201	22.242	302627730	1510		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	6143608	28		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4173903	25.08		ug/ml
Aliphatic C9-C28	3.201	17.313	198236611	991.683	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Diamond	Date Received:	
Client Sample ID:	HD-01-11-26-2025MSD	SDG No.:	Q3740
Lab Sample ID:	Q3732-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.02 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/01/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	41.3		1	1.36	2.30	mg/kg	FE057109.D	12/01/25 21:09	PB170764
Aliphatic C9-C28	Aliphatic C9-C28	75.4		1	1.04	4.60	mg/kg	FE057109.D	12/01/25 21:09	PB170764
Total AliphaticEPH	Total AliphaticEPH	117			2.40	6.90	mg/kg			
Total EPH	Total EPH	117			2.40	6.90	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Diamond	Date Received:	
Client Sample ID:	HD-01-11-26-2025MSD	SDG No.:	Q3740
Lab Sample ID:	Q3732-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Prep Date	12/01/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	75.4	1		1.04	4.60	mg/kg	12/01/25	PB170764
Aliphatic C28-C40	Aliphatic C28-C40	41.3	1		1.36	2.30	mg/kg	12/01/25	PB170764
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.9			40 - 140	50%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.7			40 - 140	55%	SPK: 50		



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3732-01MSD	Acq On:	01 Dec 2025 21:09
Client Sample ID:	HD-01-11-26-2025MSD	Operator:	YP\AJ
Data file:	FE057109.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.201	6.825	27562574	137.363	300	ug/ml
Aliphatic C12-C16	6.826	10.270	45390687	223.404	200	ug/ml
Aliphatic C16-C21	10.271	13.644	54586826	275.252	300	ug/ml
Aliphatic C21-C28	13.645	17.313	69335696	348.864	400	ug/ml
Aliphatic C28-C40	17.314	22.242	107683290	538.686	600	ug/ml
Aliphatic EPH	3.201	22.242	304559073	1520		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	6077307	27.69		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	4140090	24.88		ug/ml
Aliphatic C9-C28	3.201	17.313	196875783	984.883	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FE112725AL

AreaCount

Parameter Range	FE057079.D	FE057080.D	FE057081.D	FE057082.D	FE057083.D	
Aliphatic C9-C12	61605037.000	31277615.000	12078695.000	6106296.000	2768341.000	
Aliphatic C12-C16	41258739.000	21226436.000	8163447.000	4125032.000	1869909.000	
Aliphatic C16-C21	59019889.000	30708814.000	11879495.000	6090368.000	2836749.000	
Aliphatic C21-C28	73624885.000	39419560.000	15065933.000	8282818.000	4343612.000	
Aliphatic C28-C40	101281520.000	54740735.000	22794814.000	12906501.000	7294880.000	
Aliphatic EPH	336790070.000	177373160.000	69982384.000	37511015.000	19113491.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	200655.681333	4.674				
Aliphatic C12-C16	203177.346	4.699				
Aliphatic C16-C21	198315.7679996	3.092				
Aliphatic C21-C28	198747.045	6.825				
Aliphatic C28-C40	199899.8899996	14.74				
Aliphatic EPH	199869.8088884	5.185				

Concentration

Parameter Range	FE057079.D	FE057080.D	FE057081.D	FE057082.D	FE057083.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE057079.D	FE057080.D	FE057081.D	FE057082.D	FE057083.D	
Aliphatic C9-C12	205350.123333	208517.433333	201311.583333	203543.200000	184556.066666	
Aliphatic C12-C16	206293.695000	212264.360000	204086.175000	206251.600000	186990.900000	
Aliphatic C16-C21	196732.963333	204725.426666	197991.583333	203012.266666	189116.600000	

Initial Calibration Report for SequenceID : FE112725AL

Aliphatic C21-C28	184062.212500	197097.800000	188324.162500	207070.450000	217180.600000	
Aliphatic C28-C40	168802.533333	182469.116666	189956.783333	215108.350000	243162.666666	
Aliphatic EPH	187105.594444	197081.288888	194395.511111	208394.527777	212372.122222	

Continuing Calibration Report for SequenceID : FE120125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE057097.D

Aliphatic C9-C12	11763898.000	60.000	3.201	6.825	196064.967	200655.681	2.288
Aliphatic C12-C16	7880968.000	40.000	6.826	10.270	197024.200	203177.346	3.028
Aliphatic C16-C21	11472211.000	60.000	10.271	13.644	191203.517	198315.768	3.586
Aliphatic C21-C28	14290009.000	80.000	13.645	17.313	178625.113	198747.045	10.124
Aliphatic C28-C40	18814402.000	120.000	17.314	22.242	156786.683	199899.890	21.567
Aliphatic EPH	64221488.000	360.000	3.201	22.242	178393.022	199869.809	10.745

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	01 Dec 2025 15:08
Client Sample ID:		Operator:	YPAJ
Data file:	FE057097.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.201	6.825	11763898.000	60.000	ug/ml
Aliphatic C12-C16	6.826	10.270	7880968.000	40.000	ug/ml
Aliphatic C16-C21	10.271	13.644	11472211.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.313	14290009.000	80.000	ug/ml
Aliphatic C28-C40	17.314	22.242	18814402.000	120.000	ug/ml
Aliphatic EPH	3.201	22.242	64221488.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE120125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE057115.D

Aliphatic C9-C12	13599714.000	60.000	3.201	6.825	226661.900	200655.681	-12.961
Aliphatic C12-C16	9082136.000	40.000	6.826	10.270	227053.400	203177.346	-11.751
Aliphatic C16-C21	13143542.000	60.000	10.271	13.644	219059.033	198315.768	-10.460
Aliphatic C21-C28	16552280.000	80.000	13.645	17.313	206903.500	198747.045	-4.104
Aliphatic C28-C40	27010035.000	120.000	17.314	22.242	225083.625	199899.890	-12.598
Aliphatic EPH	79387707.000	360.000	3.201	22.242	220521.408	199869.809	-10.333

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 Dec 2025 00:40
Client Sample ID:		Operator:	YP\AJ
Data file:	FE057115.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.201	6.825	13599714.000	60.000	ug/ml
Aliphatic C12-C16	6.826	10.270	9082136.000	40.000	ug/ml
Aliphatic C16-C21	10.271	13.644	13143542.000	60.000	ug/ml
Aliphatic C21-C28	13.645	17.313	16552280.000	80.000	ug/ml
Aliphatic C28-C40	17.314	22.242	27010035.000	120.000	ug/ml
Aliphatic EPH	3.201	22.242	79387707.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057113.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 23:09
Operator : YP\AJ
Sample : Q3740-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
WC1

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Dec 02 01:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	5702659	25.987 ug/ml
Spiked Amount	50.000	Recovery	= 51.97%
12) S 1-chlorooctadecane (S...	13.380	4000845	24.040 ug/ml
Spiked Amount	50.000	Recovery	= 48.08%

Target Compounds

(f)=RT Delta > 1/2 Window

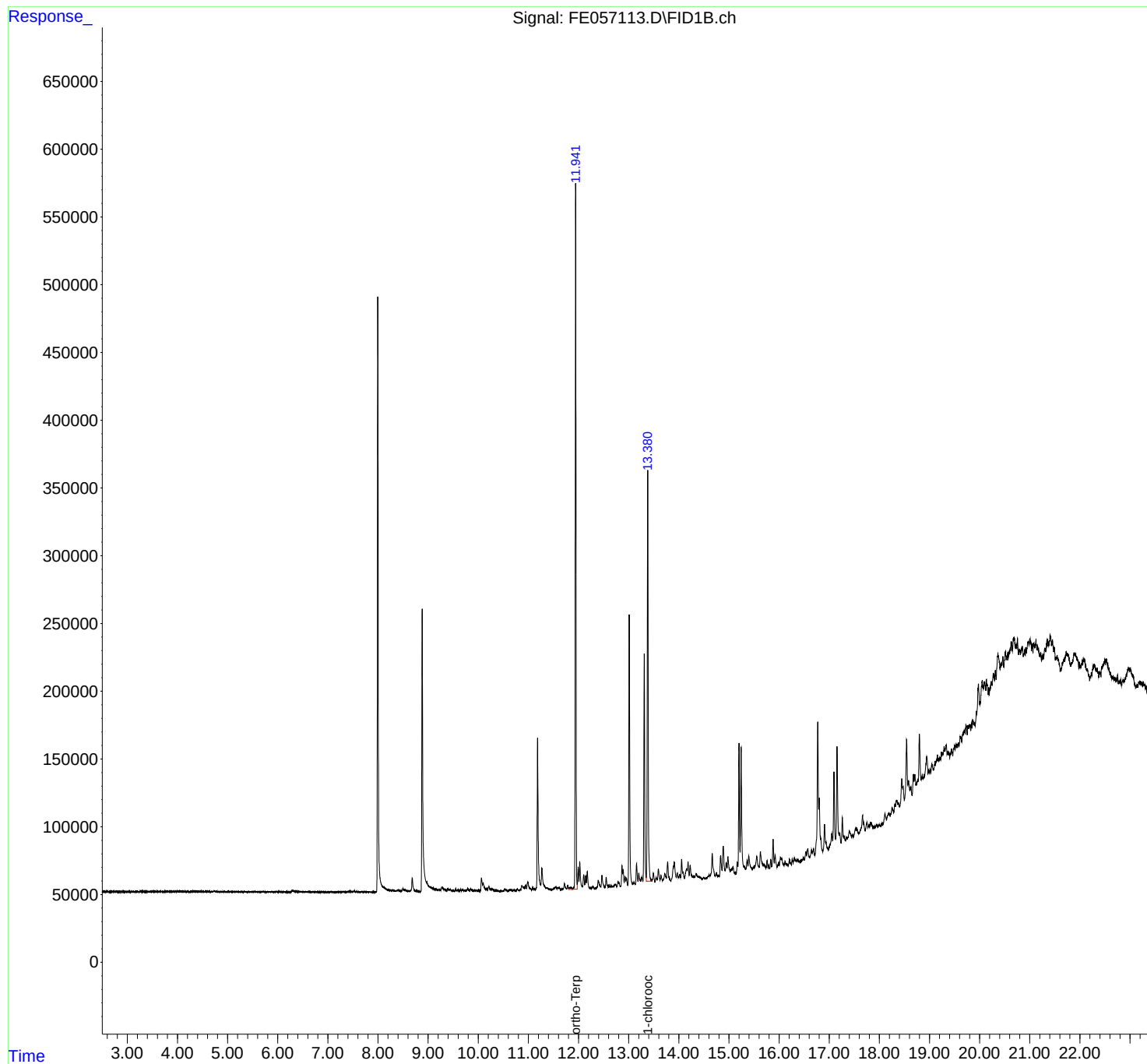
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057113.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 23:09
Operator : YP\AJ
Sample : Q3740-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
WC1

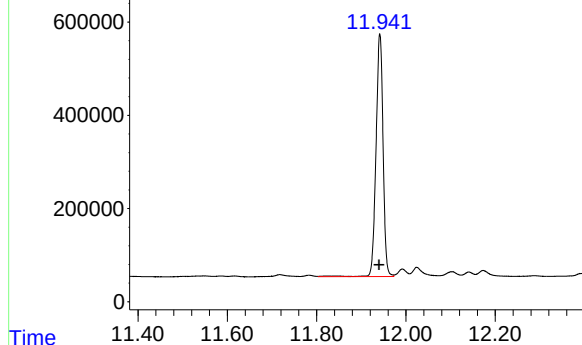
Integration File: autoint1.e
Quant Time: Dec 02 01:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Signal: FE057113.D\FID1B.ch

#9 ortho-Terphenyl (SURR)

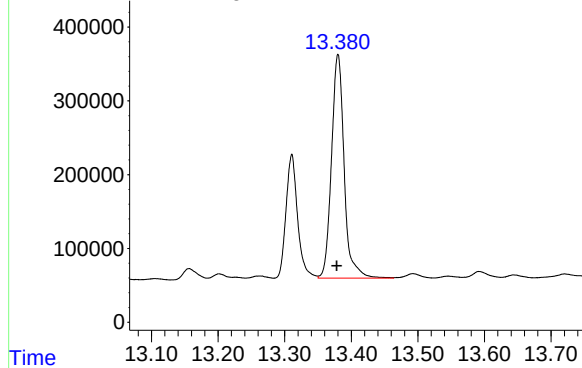


R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 5702659
Conc: 25.99 ug/ml

Instrument :
FID_E
ClientSampleId :
WC1

Signal: FE057113.D\FID1B.ch

#12 1-chlorooctadecane (SURR)



R.T.: 13.380 min
Delta R.T.: 0.002 min
Response: 4000845
Conc: 24.04 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057113.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 23:09
 Sample : Q3740-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.560	2.524	2.638	BV	66	1571	0.03%	0.001%
2	2.644	2.638	2.654	PV	43	364	0.01%	0.000%
3	2.668	2.654	2.711	VV	100	2141	0.04%	0.002%
4	2.732	2.711	2.855	PV	224	8314	0.15%	0.007%
5	2.866	2.855	2.898	VV	111	1893	0.03%	0.002%
6	2.909	2.898	2.939	VV	140	1990	0.04%	0.002%
7	2.952	2.939	2.960	VV	123	972	0.02%	0.001%
8	2.977	2.960	3.013	VV	139	3138	0.06%	0.003%
9	3.028	3.013	3.054	VV	125	1736	0.03%	0.001%
10	3.100	3.054	3.111	VV	145	3104	0.05%	0.003%
11	3.134	3.111	3.174	VV	163	3930	0.07%	0.003%
12	3.211	3.174	3.274	VV	247	7279	0.13%	0.006%
13	3.292	3.274	3.340	VV	256	7439	0.13%	0.006%
14	3.351	3.340	3.373	VV	190	2943	0.05%	0.002%
15	3.382	3.373	3.392	VV	220	2032	0.04%	0.002%
16	3.434	3.392	3.445	VV	284	6367	0.11%	0.005%
17	3.506	3.445	3.584	VV	299	18960	0.34%	0.016%
18	3.619	3.584	3.682	VV	306	14506	0.26%	0.012%
19	3.698	3.682	3.768	VV	311	13011	0.23%	0.011%
20	3.790	3.768	3.859	VV	351	15912	0.28%	0.013%
21	3.924	3.859	3.957	VV	344	15783	0.28%	0.013%
22	4.000	3.957	4.033	VV	420	13496	0.24%	0.011%
23	4.087	4.033	4.228	VV	443	35964	0.64%	0.030%
24	4.287	4.228	4.418	VV	404	36431	0.64%	0.030%
25	4.460	4.418	4.508	VV	347	16995	0.30%	0.014%
26	4.553	4.508	4.601	VV	420	18124	0.32%	0.015%
27	4.627	4.601	4.676	VV	338	12145	0.21%	0.010%
28	4.730	4.676	4.785	VV	701	25757	0.46%	0.021%
29	4.836	4.785	4.894	VV	409	19609	0.35%	0.016%
30	4.916	4.894	4.931	VV	281	6097	0.11%	0.005%
31	4.945	4.931	4.959	VV	313	4778	0.08%	0.004%
32	5.001	4.959	5.051	VV	345	15529	0.27%	0.013%
33	5.063	5.051	5.101	VV	318	7299	0.13%	0.006%
34	5.134	5.101	5.193	VV	292	13305	0.24%	0.011%
35	5.218	5.193	5.285	VV	260	12080	0.21%	0.010%
36	5.302	5.285	5.427	VV	232	13363	0.24%	0.011%

					rteres			
37	5.476	5.427	5.501	VV	191	5991	0.11%	0.005%
38	5.542	5.501	5.674	VV	253	17742	0.31%	0.015%
39	5.694	5.674	5.758	VV	297	8014	0.14%	0.007%
40	5.813	5.758	5.871	VV	189	9251	0.16%	0.008%
41	5.885	5.871	5.968	VV	159	6525	0.12%	0.005%
42	5.991	5.968	6.078	VV	268	9722	0.17%	0.008%
43	6.093	6.078	6.148	VV	166	4001	0.07%	0.003%
44	6.165	6.148	6.214	VV	95	2525	0.04%	0.002%
45	6.228	6.214	6.247	PV	123	1636	0.03%	0.001%
46	6.296	6.247	6.418	VV	1107	54804	0.97%	0.045%
47	6.433	6.418	6.578	VV	534	23458	0.41%	0.019%
48	6.623	6.578	6.693	VV	390	14222	0.25%	0.012%
49	6.728	6.693	6.841	VV	229	10944	0.19%	0.009%
50	6.877	6.841	6.928	VV	138	4341	0.08%	0.004%
51	6.937	6.928	6.968	VV	86	1498	0.03%	0.001%
52	7.017	6.968	7.104	VV	95	5423	0.10%	0.004%
53	7.156	7.104	7.191	PV	131	3911	0.07%	0.003%
54	7.204	7.191	7.223	VV	137	1640	0.03%	0.001%
55	7.303	7.223	7.332	VV	164	8227	0.15%	0.007%
56	7.404	7.332	7.428	VV	590	18318	0.32%	0.015%
57	7.445	7.428	7.494	VV	591	15613	0.28%	0.013%
58	7.521	7.494	7.645	VV	886	34057	0.60%	0.028%
59	7.675	7.645	7.784	VV	351	13545	0.24%	0.011%
60	7.796	7.784	7.901	VV	109	5640	0.10%	0.005%
61	8.399	8.360	8.471	VV	1290	63047	1.11%	0.052%
62	8.497	8.471	8.624	VV	2516	106263	1.88%	0.087%
63	8.683	8.624	8.758	VV	10089	209679	3.71%	0.172%
64	8.772	8.758	8.851	VV	933	23260	0.41%	0.019%
65	9.221	9.198	9.244	VV	1395	36216	0.64%	0.030%
66	9.279	9.244	9.371	VV	3078	138927	2.46%	0.114%
67	9.392	9.371	9.416	VV	2183	41649	0.74%	0.034%
68	9.437	9.416	9.511	VV	1796	52913	0.94%	0.043%
69	9.549	9.511	9.571	VV	1748	33476	0.59%	0.027%
70	9.589	9.571	9.625	VV	1118	24616	0.44%	0.020%
71	9.688	9.625	9.717	VV	1437	47630	0.84%	0.039%
72	9.737	9.717	9.761	VV	882	17141	0.30%	0.014%
73	9.791	9.761	9.827	VV	1825	42657	0.75%	0.035%
74	9.851	9.827	9.911	VV	1770	42869	0.76%	0.035%
75	9.930	9.911	9.994	VV	807	27625	0.49%	0.023%
76	10.003	9.994	10.034	VV	554	8900	0.16%	0.007%
77	10.065	10.034	10.186	VV	9542	327204	5.78%	0.269%
78	10.210	10.186	10.334	VV	3043	125553	2.22%	0.103%
79	10.348	10.334	10.434	VV	610	16857	0.30%	0.014%
80	10.526	10.434	10.600	PV	1291	30787	0.54%	0.025%
81	10.628	10.600	10.688	VV	811	28771	0.51%	0.024%
82	10.709	10.688	10.748	VV	729	11126	0.20%	0.009%
83	10.778	10.748	10.817	PV	1377	25684	0.45%	0.021%
84	10.871	10.817	10.928	VV	3918	126737	2.24%	0.104%
85	10.945	10.928	10.962	VV	4246	57040	1.01%	0.047%
86	10.987	10.962	11.063	VV	5908	164766	2.91%	0.135%
87	11.085	11.063	11.134	VV	2375	49801	0.88%	0.041%
88	11.183	11.134	11.244	VV	108759	1545987	27.32%	1.269%
89	11.269	11.244	11.468	VV	16235	458918	8.11%	0.377%

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90	11.546	11.468	11.568	VV	1974	68150	1.20%	0.056%
91	11.586	11.568	11.601	VV	1784	27394	0.48%	0.022%
92	11.616	11.601	11.652	VV	1757	24543	0.43%	0.020%
93	11.719	11.652	11.764	PV	4569	95600	1.69%	0.078%
94	11.783	11.764	11.804	VV	3274	43306	0.77%	0.036%
95	11.844	11.804	11.880	VV	1455	49986	0.88%	0.041%
96	11.941	11.880	11.973	VV	523515	5658278	100.00%	4.644%
97	11.992	11.973	12.008	VV	16236	209934	3.71%	0.172%
98	12.025	12.008	12.071	VV	19737	320073	5.66%	0.263%
99	12.103	12.071	12.123	VV	10256	180091	3.18%	0.148%
100	12.141	12.123	12.155	VV	9593	122744	2.17%	0.101%
101	12.173	12.155	12.242	VV	12805	218459	3.86%	0.179%
102	12.287	12.242	12.321	VV	1553	27669	0.49%	0.023%
103	12.394	12.321	12.441	PV	5866	136887	2.42%	0.112%
104	12.467	12.441	12.528	VV	9101	173990	3.07%	0.143%
105	12.552	12.528	12.629	VV	7652	136736	2.42%	0.112%
106	12.648	12.629	12.677	VV	1098	19778	0.35%	0.016%
107	12.738	12.677	12.764	VV	1932	53357	0.94%	0.044%
108	12.788	12.764	12.838	VV	3894	78590	1.39%	0.065%
109	12.868	12.838	12.911	PV	15115	352961	6.24%	0.290%
110	12.929	12.911	12.981	VV	6865	182333	3.22%	0.150%
111	13.011	12.981	13.084	VV	197951	2507707	44.32%	2.058%
112	13.106	13.084	13.128	VV	2423	41081	0.73%	0.034%
113	13.158	13.128	13.184	VV	15533	241413	4.27%	0.198%
114	13.202	13.184	13.240	VV	8552	165134	2.92%	0.136%
115	13.262	13.240	13.284	VV	5378	103901	1.84%	0.085%
116	13.311	13.284	13.351	VV	170092	2115035	37.38%	1.736%
117	13.380	13.351	13.462	VV	306511	4134393	73.07%	3.394%
118	13.493	13.462	13.523	VV	7713	156109	2.76%	0.128%
119	13.547	13.523	13.566	VV	4136	79731	1.41%	0.065%
120	13.593	13.566	13.625	VV	10203	197717	3.49%	0.162%
121	13.645	13.625	13.676	VV	5491	105424	1.86%	0.087%
122	13.722	13.676	13.754	VV	6582	185322	3.28%	0.152%
123	13.777	13.754	13.841	VV	15082	303517	5.36%	0.249%
124	13.909	13.841	13.948	VV	13661	449002	7.94%	0.369%
125	13.968	13.948	13.991	VV	5897	109089	1.93%	0.090%
126	14.016	13.991	14.034	VV	5031	97626	1.73%	0.080%
127	14.057	14.034	14.110	VV	15714	315880	5.58%	0.259%
128	14.184	14.110	14.207	VV	13578	418660	7.40%	0.344%
129	14.227	14.207	14.319	VV	10700	283550	5.01%	0.233%
130	14.346	14.319	14.464	VV	4351	172733	3.05%	0.142%
131	14.496	14.464	14.522	PV	1247	16137	0.29%	0.013%
132	14.606	14.522	14.621	PV	2115	55599	0.98%	0.046%
133	14.667	14.621	14.724	VV	17570	368773	6.52%	0.303%
134	14.748	14.724	14.794	VV	2908	54117	0.96%	0.044%
135	14.834	14.794	14.861	VV	14960	254634	4.50%	0.209%
136	14.885	14.861	14.924	VV	21842	430595	7.61%	0.353%
137	14.946	14.924	14.960	VV	9209	144308	2.55%	0.118%
138	14.980	14.960	15.028	VV	13417	290523	5.13%	0.238%
139	15.080	15.028	15.144	VV	5790	180956	3.20%	0.149%
140	15.201	15.144	15.221	VV	95447	1259985	22.27%	1.034%
141	15.242	15.221	15.331	VV	91816	1520001	26.86%	1.248%

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142	15.361	15.331	15.377	VV	8993	153985	2.72%	0.126%
143	15.396	15.377	15.466	VV	11477	287194	5.08%	0.236%
144	15.554	15.466	15.601	VV	10397	360121	6.36%	0.296%
145	15.628	15.601	15.735	VV	13481	420120	7.42%	0.345%
146	15.759	15.735	15.811	VV	6304	113247	2.00%	0.093%
147	15.834	15.811	15.853	PV	6489	80184	1.42%	0.066%
148	15.880	15.853	15.903	VV	21130	299247	5.29%	0.246%
149	15.920	15.903	15.960	VV	9383	156253	2.76%	0.128%
150	16.030	15.960	16.091	VV	6464	252988	4.47%	0.208%
151	16.119	16.091	16.184	VV	2978	74278	1.31%	0.061%
152	16.208	16.184	16.241	PV	3398	55929	0.99%	0.046%
153	16.262	16.241	16.280	VV	3557	45439	0.80%	0.037%
154	16.304	16.280	16.338	VV	3833	89269	1.58%	0.073%
155	16.359	16.338	16.404	VV	2296	51295	0.91%	0.042%
156	16.483	16.404	16.503	VV	2036	39162	0.69%	0.032%
157	16.570	16.503	16.608	PV	7174	231298	4.09%	0.190%
158	16.647	16.608	16.664	VV	5194	93340	1.65%	0.077%
159	16.686	16.664	16.714	VV	5198	90088	1.59%	0.074%
160	16.771	16.714	16.870	VV	97175	2211536	39.08%	1.815%
161	16.907	16.870	16.981	VV	19616	394803	6.98%	0.324%
162	17.050	16.981	17.066	VV	10301	225989	3.99%	0.185%
163	17.095	17.066	17.124	VV	55464	807546	14.27%	0.663%
164	17.157	17.124	17.235	VV	71039	1316598	23.27%	1.081%
165	17.262	17.235	17.321	VV	18915	336749	5.95%	0.276%
166	17.403	17.321	17.445	VV	6422	251873	4.45%	0.207%
167	17.462	17.445	17.480	VV	2764	45310	0.80%	0.037%
168	17.544	17.480	17.584	VV	6203	265057	4.68%	0.218%
169	17.664	17.584	17.714	VV	13445	448695	7.93%	0.368%
170	17.750	17.714	17.774	VV	7432	165794	2.93%	0.136%
171	17.829	17.774	17.901	VV	6182	274023	4.84%	0.225%
172	17.949	17.901	17.974	VV	2093	65946	1.17%	0.054%
173	17.993	17.974	18.020	VV	1877	28138	0.50%	0.023%
174	18.111	18.020	18.142	PV	7114	171292	3.03%	0.141%
175	18.187	18.142	18.214	VV	5914	178373	3.15%	0.146%
176	18.254	18.214	18.284	VV	7143	218380	3.86%	0.179%
177	18.345	18.284	18.411	VV	10719	586746	10.37%	0.482%
178	18.447	18.411	18.498	VV	24381	764305	13.51%	0.627%
179	18.543	18.498	18.611	VV	51031	1454432	25.70%	1.194%
180	18.625	18.611	18.654	VV	13423	286506	5.06%	0.235%
181	18.707	18.654	18.734	VV	21042	789690	13.96%	0.648%
182	18.798	18.734	18.834	VV	47988	1331601	23.53%	1.093%
183	18.853	18.834	18.871	VV	16633	337019	5.96%	0.277%
184	18.945	18.871	18.996	VV	28065	1408642	24.90%	1.156%
185	19.011	18.996	19.024	VV	16964	263518	4.66%	0.216%
186	19.049	19.024	19.077	VV	19053	553036	9.77%	0.454%
187	19.158	19.077	19.206	VV	23968	1506732	26.63%	1.237%
188	19.331	19.206	19.404	VV	26821	2600330	45.96%	2.134%
189	19.440	19.404	19.464	VV	20918	673119	11.90%	0.553%
190	19.531	19.464	19.550	VV	22548	1056715	18.68%	0.867%
191	19.616	19.550	19.640	VV	24897	1206604	21.32%	0.990%
192	19.729	19.640	19.751	VV	30687	1793579	31.70%	1.472%
193	19.795	19.751	19.822	VV	30228	1208486	21.36%	0.992%
194	19.862	19.822	19.911	VV	32002	1549625	27.39%	1.272%

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195	19.974	19.911	20.014	VV	55672	2535038	44.80%	2.081%
196	20.050	20.014	20.076	VV	55104	1871002	33.07%	1.536%
197	20.097	20.076	20.124	VV	52817	1484207	26.23%	1.218%
198	20.138	20.124	20.192	VV	53225	1947313	34.42%	1.598%
199	20.274	20.192	20.295	VV	53935	3097529	54.74%	2.543%
200	20.312	20.295	20.327	VV	56936	1003452	17.73%	0.824%
201	20.365	20.327	20.427	VV	67409	3643141	64.39%	2.990%
202	20.462	20.427	20.481	VV	63170	1912919	33.81%	1.570%
203	20.512	20.481	20.534	VV	64794	1964126	34.71%	1.612%
204	20.631	20.534	20.651	VV	69308	4458698	78.80%	3.660%
205	20.683	20.651	20.727	VV	72371	3096894	54.73%	2.542%
206	20.754	20.727	20.778	VV	69555	1927471	34.06%	1.582%
207	20.797	20.778	20.813	VV	60204	1252622	22.14%	1.028%
208	20.850	20.813	20.881	VV	61399	2350429	41.54%	1.929%
209	20.969	20.881	20.983	VV	61657	3533023	62.44%	2.900%
210	21.003	20.983	21.064	VV	62756	2811309	49.68%	2.308%
211	21.080	21.064	21.098	VV	57359	1142650	20.19%	0.938%
212	21.122	21.098	21.234	VV	58802	4124542	72.89%	3.386%
213	21.342	21.234	21.381	VV	53132	4141897	73.20%	3.400%
214	21.408	21.381	21.444	VV	53953	1957397	34.59%	1.607%
215	21.451	21.444	21.518	VV	50484	1898982	33.56%	1.559%
216	21.543	21.518	21.623	VV	36621	1970463	34.82%	1.617%
217	21.727	21.623	21.814	VV	34097	3374655	59.64%	2.770%
218	21.885	21.814	22.016	VV	29504	2895742	51.18%	2.377%
219	22.078	22.016	22.194	VV	20777	1524072	26.94%	1.251%
220	22.282	22.194	22.377	VV	11802	747888	13.22%	0.614%

Sum of corrected areas: 121828692

Aliphatic EPH 112725.M Tue Dec 02 04:06:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057098.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:38
Operator : YP\AJ
Sample : PB170764BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BL

A

B

C

D

E

F

G

H

I

J

Integration File: autoint1.e
Quant Time: Dec 02 01:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.940	6722927	30.636 ug/ml
Spiked Amount	50.000	Recovery	= 61.27%
12) S 1-chlorooctadecane (S...	13.378	4254082	25.561 ug/ml
Spiked Amount	50.000	Recovery	= 51.12%

Target Compounds

(f)=RT Delta > 1/2 Window

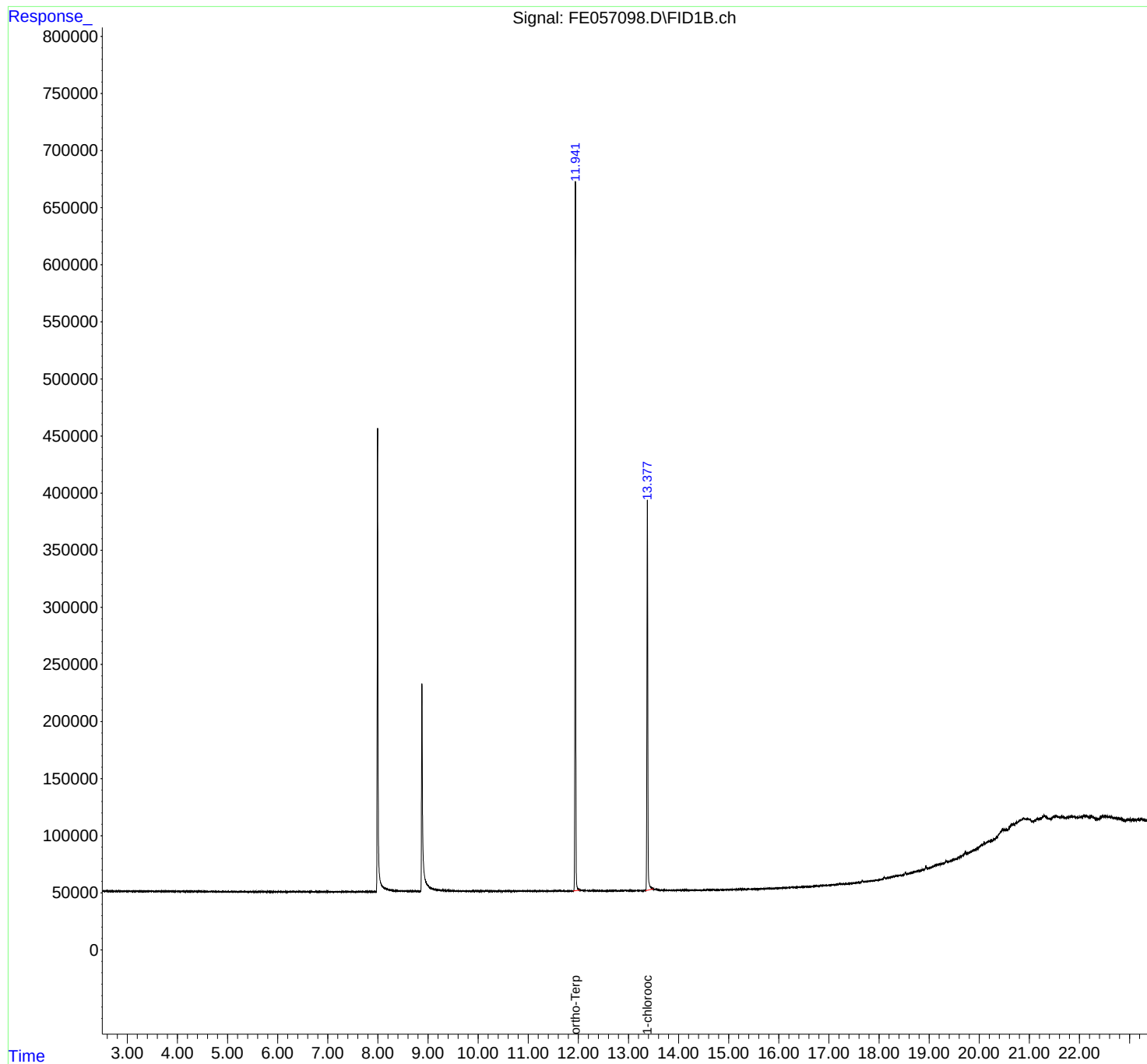
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057098.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 15:38
Operator : YP\AJ
Sample : PB170764BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BL

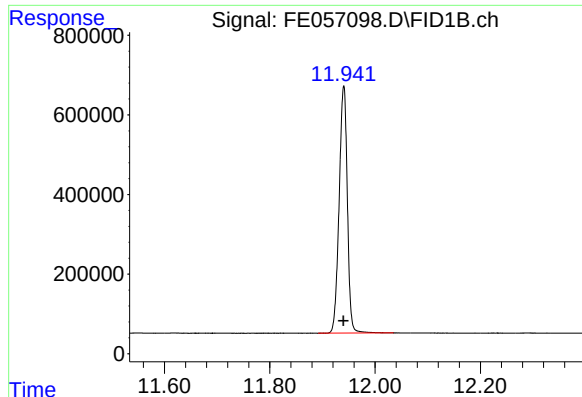
Integration File: autoint1.e
Quant Time: Dec 02 01:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Signal: FE057098.D\FID1B.ch

#9 ortho-Terphenyl (SURR)

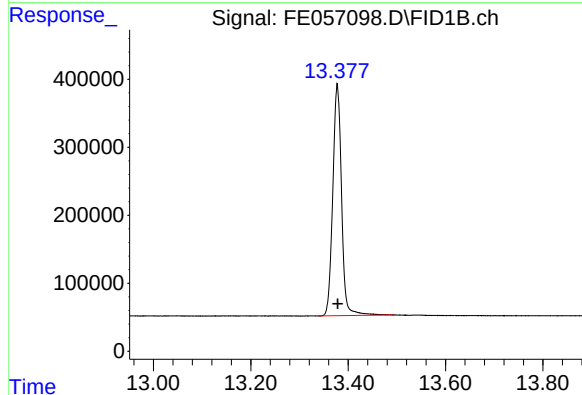


R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 6722927
Conc: 30.64 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170764BL

Signal: FE057098.D\FID1B.ch

#12 1-chlorooctadecane (SURR)



R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 4254082
Conc: 25.56 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057098.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 15:38
 Sample : PB170764BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.940	11.892	12.035	BB	621544	6722927	100.00%	61.246%
2	13.378	13.338	13.493	BB	339385	4254082	63.28%	38.754%
Sum of corrected areas:							10977008	

Aliphatic EPH 112725.M Tue Dec 02 03:36:34 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057099.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 16:08
 Operator : YP\AJ
 Sample : PB170764BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170764BS

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Integration File: autoint1.e
 Quant Time: Dec 02 01:24:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.941	6667052	30.382 ug/ml
Spiked Amount 50.000		Recovery =	60.76%
12) S 1-chlorooctadecane (S...	13.378	4542216	27.293 ug/ml
Spiked Amount 50.000		Recovery =	54.59%
Target Compounds			
1) T n-Nonane (C9)	3.309	5766813	29.481 ug/ml
2) T n-Decane (C10)	4.558	6198007	30.644 ug/ml
3) T A~Naphthalene (C11.7)	6.270	7685398	38.173 ug/ml
4) T n-Dodecane (C12)	6.726	6853003	33.577 ug/ml
5) T A~2-methylnaphthalene...	7.369	7018311	36.525 ug/ml
6) T n-Tetradecane (C14)	8.560	7182751	35.685 ug/ml
7) T n-Hexadecane (C16)	10.171	7134112	34.788 ug/ml
8) T n-Octadecane (C18)	11.618	7096103	34.428 ug/ml
10) T n-Eicosane (C20)	12.932	7032956	35.753 ug/ml
11) T n-Heneicosane (C21)	13.545	6904253	35.936 ug/ml
13) T n-Docosane (C22)	14.133	6829267	35.377 ug/ml
14) T n-Tetracosane (C24)	15.241	14801822	74.735 ug/ml
15) T n-Hexacosane (C26)	16.264	6634679	33.443 ug/ml
16) T n-Octacosane (C28)	17.214	6775735	32.972 ug/ml
17) T n-Tricontane (C30)	18.107	6381317	28.434 ug/ml
18) T n-Dotriacontane (C32)	18.939	6170736	26.434 ug/ml
19) T n-Tetratriacontane (C34)	19.725	6282595	29.415 ug/ml
20) T n-Hexatriacontane (C36)	20.466	6247444	33.565 ug/ml
21) T n-Octatriacontane (C38)	21.214	6446989	37.200 ug/ml
22) T n-Tetracontane (C40)	22.147	6669723	39.579 ug/ml

(f)=RT Delta > 1/2 Window

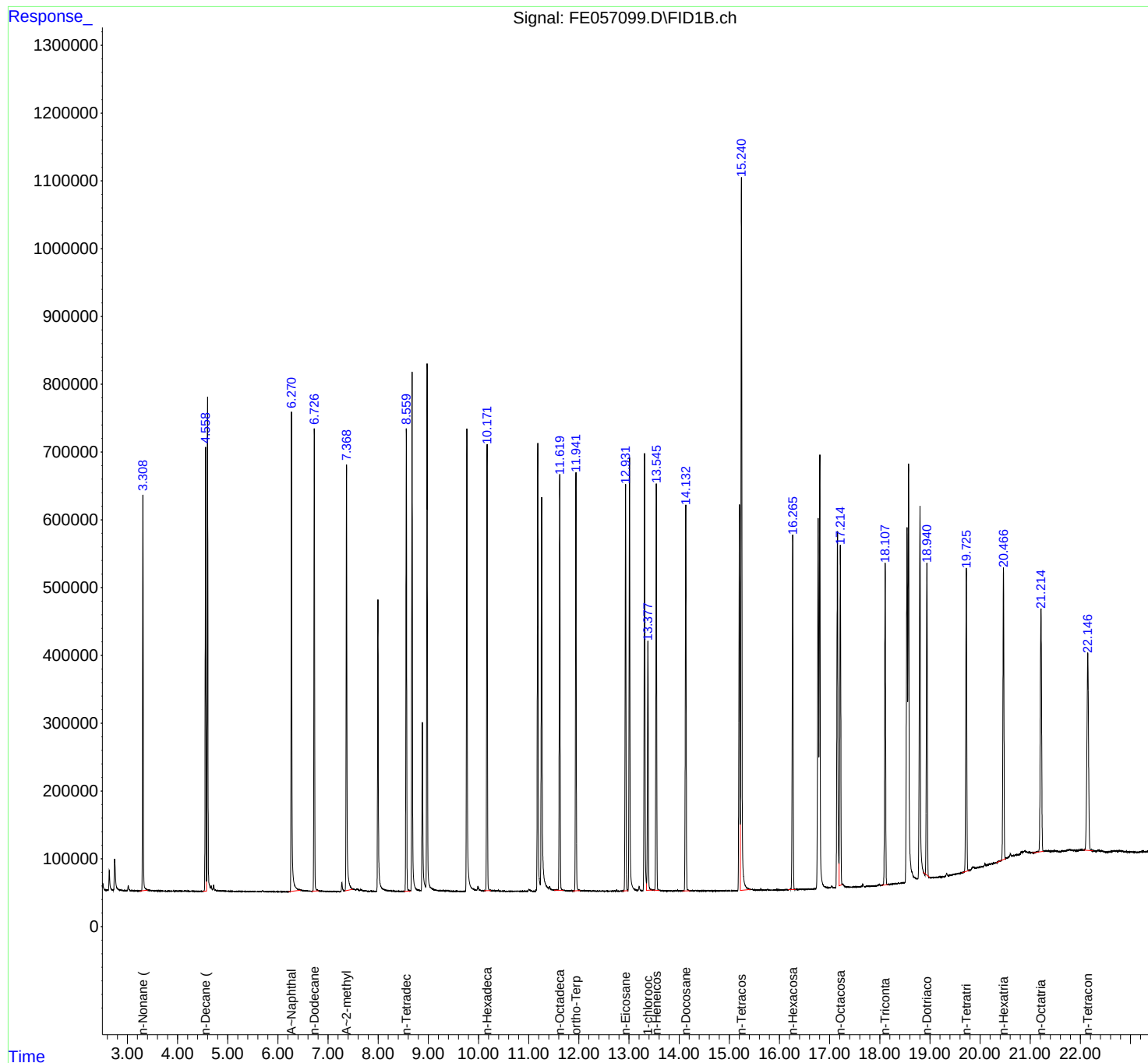
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057099.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:08
Operator : YP\AJ
Sample : PB170764BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BS

Integration File: autoint1.e
Quant Time: Dec 02 01:24:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057099.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 16:08
 Sample : PB170764BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.309	3.249	3.409	BB	583733	5766813	38.96%	2.132%
2	4.558	4.502	4.577	BV	652920	6198007	41.87%	2.292%
3	4.598	4.577	4.655	VV	728924	7412288	50.08%	2.741%
4	6.270	6.212	6.452	BB	708178	7685398	51.92%	2.842%
5	6.726	6.669	6.817	BB	681735	6853003	46.30%	2.534%
6	7.369	7.334	7.495	BV	628562	7018311	47.42%	2.595%
7	8.560	8.505	8.645	BB	682364	7182751	48.53%	2.656%
8	8.675	8.647	8.810	BB	764349	8162701	55.15%	3.018%
9	8.975	8.945	9.137	VB	781355	8316863	56.19%	3.075%
10	9.768	9.704	9.944	BB	685816	7993798	54.01%	2.956%
11	10.171	10.112	10.250	BB	659878	7134112	48.20%	2.638%
12	11.181	11.112	11.230	BV	661585	7498835	50.66%	2.773%
13	11.258	11.230	11.400	VV	578668	7668658	51.81%	2.836%
14	11.618	11.509	11.692	BB	614002	7096103	47.94%	2.624%
15	11.941	11.875	12.025	BB	618618	6667052	45.04%	2.465%
16	12.932	12.870	12.979	BV	597204	7032956	47.51%	2.601%
17	13.011	12.979	13.150	VB	634219	7607095	51.39%	2.813%
18	13.311	13.242	13.349	BV	646530	7497367	50.65%	2.772%
19	13.378	13.349	13.470	VB	366032	4542216	30.69%	1.680%
20	13.545	13.485	13.607	BB	602037	6904253	46.64%	2.553%
21	14.133	14.064	14.219	BB	568865	6829267	46.14%	2.525%
22	15.201	15.134	15.218	BV	567417	7067102	47.74%	2.613%
23	15.241	15.218	15.419	VB	1042151	14801822	100.00%	5.473%
24	16.264	16.175	16.324	BB	515590	6634679	44.82%	2.453%
25	16.772	16.697	16.787	BV	545235	7525945	50.84%	2.783%
26	16.805	16.787	16.940	VB	640850	8139937	54.99%	3.010%
27	17.157	17.100	17.187	BV	513056	7399676	49.99%	2.736%
28	17.214	17.187	17.250	VV	500325	6775735	45.78%	2.505%
29	18.107	18.035	18.165	BB	474316	6381317	43.11%	2.360%
30	18.543	18.487	18.557	BV	522294	7818812	52.82%	2.891%
31	18.574	18.557	18.755	VV	617508	9005059	60.84%	3.330%
32	18.801	18.755	18.870	PBA	536893	8006715	54.09%	2.961%
33	18.939	18.870	19.000	BB	460163	6170736	41.69%	2.282%
34	19.725	19.640	19.787	BB	446751	6282595	42.44%	2.323%
35	20.466	20.320	20.510	BB	430646	6247444	42.21%	2.310%
36	21.214	21.040	21.265	BB	358418	6446989	43.56%	2.384%

37 22.147 22.062 22.254 BB 291611 6669723 45.06% 2.466%
rteres
Sum of corrected areas: 270442132

Aliphatic EPH 112725.M Tue Dec 02 03:37:36 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057100.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 16:39
 Operator : YP\AJ
 Sample : PB170764BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170764BSD

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Integration File: autoint1.e
 Quant Time: Dec 02 01:25:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.941	6631833	30.221 ug/ml
Spiked Amount 50.000		Recovery =	60.44%
12) S 1-chlorooctadecane (S...	13.378	4512680	27.115 ug/ml
Spiked Amount 50.000		Recovery =	54.23%
Target Compounds			
1) T n-Nonane (C9)	3.309	5731030	29.298 ug/ml
2) T n-Decane (C10)	4.558	6170285	30.507 ug/ml
3) T A~Naphthalene (C11.7)	6.270	7672032	38.107 ug/ml
4) T n-Dodecane (C12)	6.726	6835421	33.491 ug/ml
5) T A~2-methylnaphthalene...	7.369	7038900	36.632 ug/ml
6) T n-Tetradecane (C14)	8.560	7191095	35.727 ug/ml
7) T n-Hexadecane (C16)	10.170	7149926	34.865 ug/ml
8) T n-Octadecane (C18)	11.618	7116616	34.528 ug/ml
10) T n-Eicosane (C20)	12.932	7055263	35.866 ug/ml
11) T n-Heneicosane (C21)	13.545	6926532	36.052 ug/ml
13) T n-Docosane (C22)	14.132	6846846	35.468 ug/ml
14) T n-Tetracosane (C24)	15.241	14872343	75.091 ug/ml
15) T n-Hexacosane (C26)	16.264	6645494	33.497 ug/ml
16) T n-Octacosane (C28)	17.214	7018383	34.153 ug/ml
17) T n-Tricontane (C30)	18.106	6374814	28.405 ug/ml
18) T n-Dotriacontane (C32)	18.939	6162757	26.400 ug/ml
19) T n-Tetratriacontane (C34)	19.724	6268294	29.348 ug/ml
20) T n-Hexatriacontane (C36)	20.465	6316079	33.934 ug/ml
21) T n-Octatriacontane (C38)	21.213	6440721	37.164 ug/ml
22) T n-Tetracontane (C40)	22.148	6653670	39.484 ug/ml

(f)=RT Delta > 1/2 Window

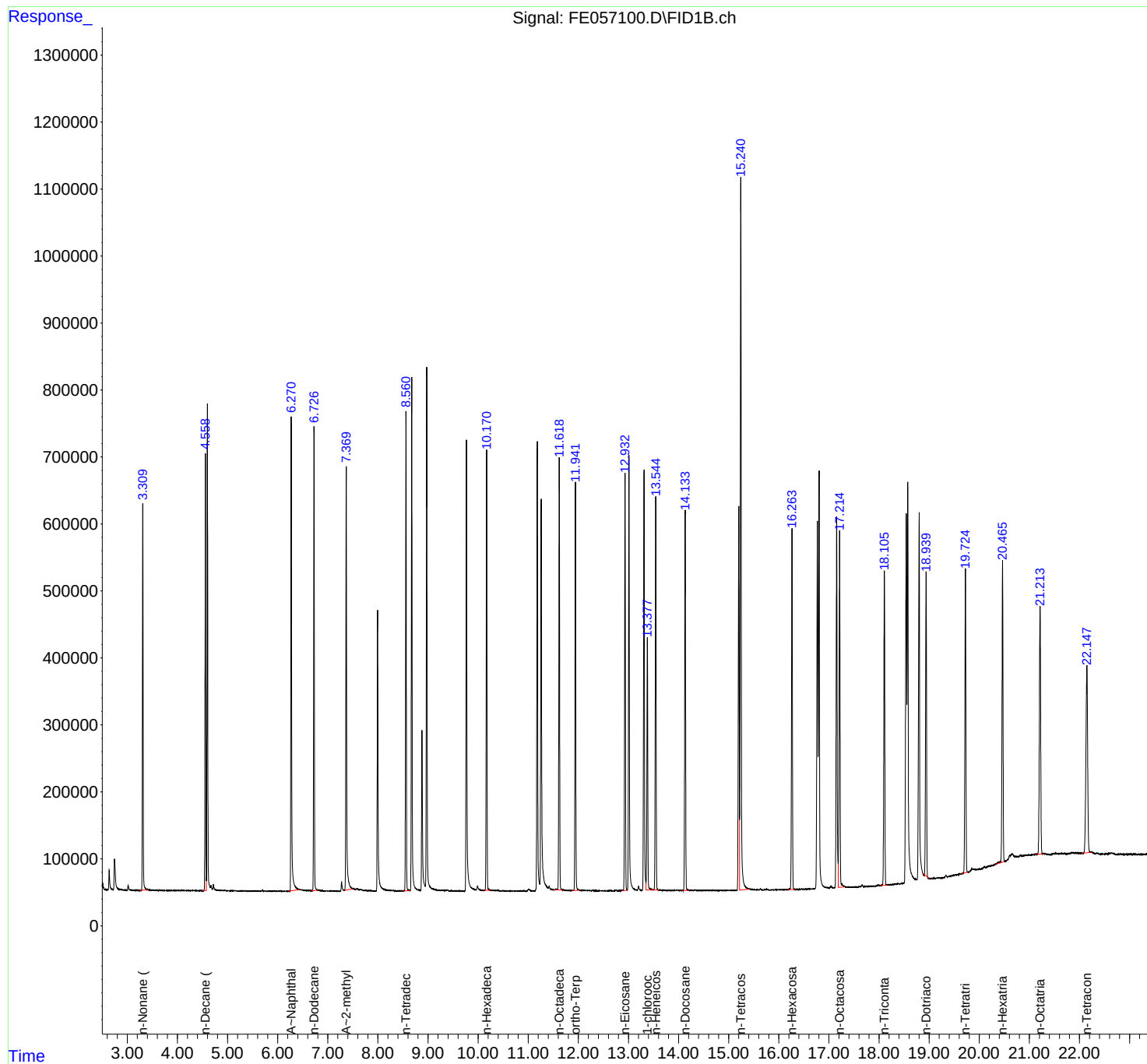
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057100.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 16:39
Operator : YP\AJ
Sample : PB170764BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170764BSD

Integration File: autoint1.e
Quant Time: Dec 02 01:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057100.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 16:39
 Sample : PB170764BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.309	3.248	3.407	BB	576745	5731030	38.53%	2.113%
2	4.558	4.500	4.577	BV	653243	6170285	41.49%	2.275%
3	4.598	4.577	4.655	VV	724563	7398414	49.75%	2.727%
4	6.270	6.210	6.442	BB	707502	7672032	51.59%	2.828%
5	6.726	6.668	6.810	BB	694603	6835421	45.96%	2.520%
6	7.369	7.333	7.497	BV	630473	7038900	47.33%	2.595%
7	8.560	8.505	8.643	BV	717097	7191095	48.35%	2.651%
8	8.675	8.643	8.822	PB	765213	8202479	55.15%	3.024%
9	8.975	8.945	9.128	VB	782973	8320591	55.95%	3.067%
10	9.768	9.703	9.948	BB	670638	8025629	53.96%	2.959%
11	10.170	10.112	10.248	BB	656685	7149926	48.08%	2.636%
12	11.181	11.108	11.230	BV	670706	7528650	50.62%	2.775%
13	11.258	11.230	11.398	VV	583125	7702914	51.79%	2.840%
14	11.618	11.508	11.697	BB	645160	7116616	47.85%	2.623%
15	11.941	11.873	12.025	BB	607769	6631833	44.59%	2.445%
16	12.932	12.872	12.977	BV	622410	7055263	47.44%	2.601%
17	13.010	12.977	13.160	VB	649768	7634927	51.34%	2.815%
18	13.311	13.242	13.350	BV	630614	7520179	50.56%	2.772%
19	13.378	13.350	13.477	VB	377593	4512680	30.34%	1.664%
20	13.545	13.477	13.613	BB	586733	6926532	46.57%	2.553%
21	14.132	14.062	14.210	BB	568498	6846846	46.04%	2.524%
22	15.201	15.138	15.217	BV	574430	7092019	47.69%	2.614%
23	15.241	15.217	15.422	VB	1065026	14872343	100.00%	5.482%
24	16.264	16.175	16.322	BB	538717	6645494	44.68%	2.450%
25	16.771	16.697	16.786	BV	547151	7522226	50.58%	2.773%
26	16.805	16.786	16.945	VB	625047	8204558	55.17%	3.024%
27	17.155	17.100	17.185	BV	549511	7451271	50.10%	2.747%
28	17.214	17.185	17.325	VB	527984	7018383	47.19%	2.587%
29	18.106	18.020	18.167	BB	468596	6374814	42.86%	2.350%
30	18.543	18.477	18.555	BV	549532	7748112	52.10%	2.856%
31	18.573	18.555	18.755	VV	596238	9231436	62.07%	3.403%
32	18.801	18.755	18.870	PBA	535644	8056567	54.17%	2.970%
33	18.939	18.870	19.000	BB	455036	6162757	41.44%	2.272%
34	19.724	19.648	19.783	BB	451674	6268294	42.15%	2.311%
35	20.465	20.320	20.515	BV	446168	6316079	42.47%	2.328%
36	21.213	21.128	21.288	BB	369806	6440721	43.31%	2.374%

37 22.148 22.050 22.238 BB 277481 6653670 44.74% 2.453%
rteres
Sum of corrected areas: 271270985

Aliphatic EPH 112725.M Tue Dec 02 03:38:11 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057108.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 20:39
 Operator : YP\AJ
 Sample : Q3732-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-11-26-2025MS

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Integration File: autoint1.e
 Quant Time: Dec 02 01:28:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	6143608	27.997 ug/ml
Spiked Amount 50.000		Recovery =	55.99%
12) S 1-chlorooctadecane (S...	13.378	4173903	25.079 ug/ml
Spiked Amount 50.000		Recovery =	50.16%
Target Compounds			
1) T n-Nonane (C9)	3.297	4112502	21.024 ug/ml
2) T n-Decane (C10)	4.552	4764689	23.557 ug/ml
3) T A~Naphthalene (C11.7)	6.268	6173075	30.662 ug/ml
4) T n-Dodecane (C12)	6.725	5660118	27.733 ug/ml
5) T A~2-methylnaphthalene...	7.368	6148156	31.996 ug/ml
6) T n-Tetradecane (C14)	8.560	6637154	32.975 ug/ml
7) T n-Hexadecane (C16)	10.171	7191502	35.068 ug/ml
8) T n-Octadecane (C18)	11.619	7301327	35.424 ug/ml
10) T n-Eicosane (C20)	12.932	7280632	37.012 ug/ml
11) T n-Heneicosane (C21)	13.545	7135766	37.142 ug/ml
13) T n-Docosane (C22)	14.133	7083861	36.696 ug/ml
14) T n-Tetracosane (C24)	15.242	15187395	76.682 ug/ml
15) T n-Hexacosane (C26)	16.266	6881571	34.687 ug/ml
16) T n-Octacosane (C28)	17.216	6992248	34.026 ug/ml
17) T n-Tricontane (C30)	18.108	6739382	30.029 ug/ml
18) T n-Dotriacontane (C32)	18.941	6673194	28.587 ug/ml
19) T n-Tetratriacontane (C34)	19.727	6556735	30.698 ug/ml
20) T n-Hexatriacontane (C36)	20.468	6446662	34.635 ug/ml
21) T n-Octatriacontane (C38)	21.217	6385117	36.843 ug/ml
22) T n-Tetracontane (C40)	22.152	6503875	38.595 ug/ml

(f)=RT Delta > 1/2 Window

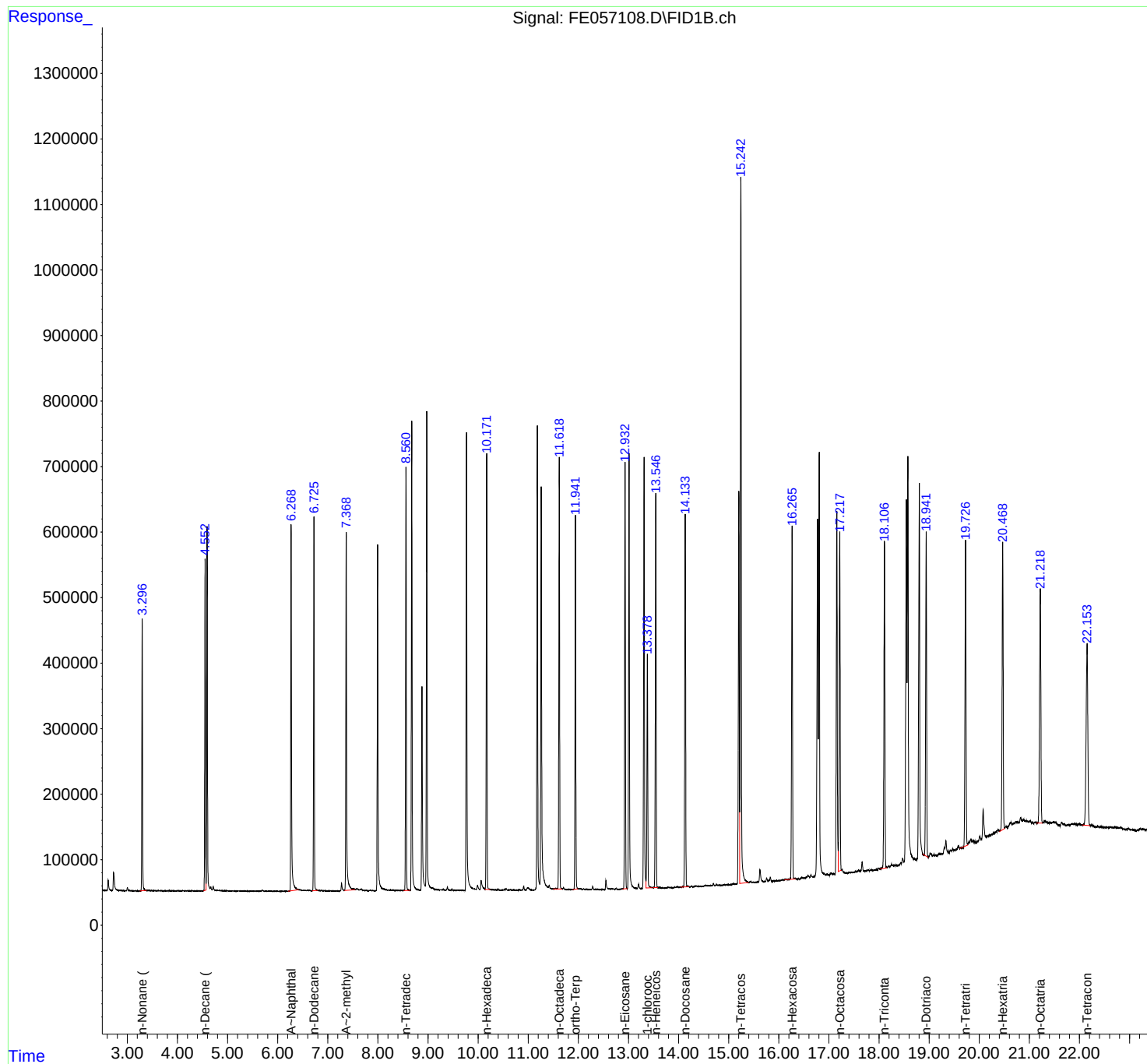
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057108.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 20:39
Operator : YP\AJ
Sample : Q3732-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
HD-01-11-26-2025MS

Integration File: autoint1.e
Quant Time: Dec 02 01:28:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057108.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 20:39
 Sample : Q3732-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.618	2.558	2.700	BV	16016	214460	1.40%	0.068%
2	2.727	2.700	2.928	VV	27014	528460	3.45%	0.168%
3	2.936	2.928	2.962	VV	250	3214	0.02%	0.001%
4	3.001	2.962	3.058	VV	5060	69409	0.45%	0.022%
5	3.078	3.058	3.136	VV	394	9790	0.06%	0.003%
6	3.163	3.136	3.199	VV	284	4987	0.03%	0.002%
7	3.297	3.199	3.424	PV	415463	4170706	27.23%	1.328%
8	3.440	3.424	3.495	VV	929	27300	0.18%	0.009%
9	3.507	3.495	3.522	VV	564	8590	0.06%	0.003%
10	3.538	3.522	3.568	VV	587	12701	0.08%	0.004%
11	3.579	3.568	3.601	VV	417	7533	0.05%	0.002%
12	3.613	3.601	3.622	VV	555	6112	0.04%	0.002%
13	3.632	3.622	3.654	VV	575	8349	0.05%	0.003%
14	3.669	3.654	3.728	VV	566	16159	0.11%	0.005%
15	3.746	3.728	3.769	VV	445	8431	0.06%	0.003%
16	3.798	3.769	3.881	VV	525	23229	0.15%	0.007%
17	3.884	3.881	3.949	VV	382	14038	0.09%	0.004%
18	3.990	3.949	4.049	VV	489	20060	0.13%	0.006%
19	4.092	4.049	4.106	VV	581	12539	0.08%	0.004%
20	4.124	4.106	4.148	VV	512	9855	0.06%	0.003%
21	4.160	4.148	4.176	VV	366	5761	0.04%	0.002%
22	4.198	4.176	4.221	VV	609	10706	0.07%	0.003%
23	4.245	4.221	4.263	VV	324	7205	0.05%	0.002%
24	4.293	4.263	4.313	VV	530	11926	0.08%	0.004%
25	4.324	4.313	4.379	VV	487	13800	0.09%	0.004%
26	4.443	4.403	4.481	VV	457	13668	0.09%	0.004%
27	4.493	4.481	4.517	VV	331	6321	0.04%	0.002%
28	4.552	4.517	4.572	VV	501487	4794897	31.30%	1.527%
29	4.592	4.572	4.649	VV	553472	5678897	37.07%	1.808%
30	4.665	4.649	4.693	VV	6540	109427	0.71%	0.035%
31	4.713	4.693	4.819	VV	7240	172807	1.13%	0.055%
32	4.833	4.819	4.877	VV	1044	30203	0.20%	0.010%
33	4.891	4.877	5.043	VV	789	56968	0.37%	0.018%
34	5.060	5.043	5.101	VV	544	14163	0.09%	0.005%
35	5.138	5.101	5.146	VV	421	9788	0.06%	0.003%
36	5.152	5.146	5.185	VV	404	8132	0.05%	0.003%

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37	5.219	5.185	5.240	VV	407	10557	0.07%	0.003%
38	5.261	5.240	5.313	VV	380	12445	0.08%	0.004%
39	5.328	5.313	5.341	VV	279	4098	0.03%	0.001%
40	5.373	5.341	5.401	VV	307	7905	0.05%	0.003%
41	5.408	5.401	5.451	VV	193	4924	0.03%	0.002%
42	5.473	5.451	5.519	VV	297	8131	0.05%	0.003%
43	5.530	5.519	5.553	VV	303	4762	0.03%	0.002%
44	5.569	5.553	5.584	VV	281	4313	0.03%	0.001%
45	5.599	5.584	5.667	VV	207	8963	0.06%	0.003%
46	5.692	5.667	5.791	VV	1777	31897	0.21%	0.010%
47	5.811	5.791	5.854	VV	158	4473	0.03%	0.001%
48	5.874	5.854	5.944	VV	316	7114	0.05%	0.002%
49	5.957	5.944	5.970	VV	173	1637	0.01%	0.001%
50	6.000	5.970	6.034	PV	308	6003	0.04%	0.002%
51	6.057	6.034	6.072	VV	132	2180	0.01%	0.001%
52	6.104	6.072	6.148	VV	172	4174	0.03%	0.001%
53	6.174	6.148	6.192	VV	187	2440	0.02%	0.001%
54	6.202	6.192	6.207	PV	144	772	0.01%	0.000%
55	6.219	6.207	6.237	VV	208	2301	0.02%	0.001%
56	6.268	6.237	6.420	PV	558388	6334747	41.35%	2.017%
57	6.430	6.420	6.538	VV	2727	120602	0.79%	0.038%
58	6.544	6.538	6.572	VV	1182	21959	0.14%	0.007%
59	6.615	6.572	6.691	VV	1418	66906	0.44%	0.021%
60	6.725	6.691	6.834	VV	566755	5740677	37.47%	1.828%
61	6.844	6.834	6.861	VV	802	11746	0.08%	0.004%
62	6.876	6.861	6.942	VV	1170	30791	0.20%	0.010%
63	6.951	6.942	6.965	VV	430	5100	0.03%	0.002%
64	7.013	6.965	7.037	VV	444	15232	0.10%	0.005%
65	7.053	7.037	7.077	VV	399	7568	0.05%	0.002%
66	7.087	7.077	7.105	VV	281	3180	0.02%	0.001%
67	7.138	7.105	7.163	VV	297	6332	0.04%	0.002%
68	7.181	7.163	7.202	VV	196	2858	0.02%	0.001%
69	7.276	7.202	7.329	VV	11693	179758	1.17%	0.057%
70	7.368	7.329	7.497	VV	545436	6249090	40.79%	1.990%
71	7.513	7.497	7.545	VV	3481	81983	0.54%	0.026%
72	7.575	7.545	7.629	VV	3414	126295	0.82%	0.040%
73	7.673	7.629	7.699	VV	3491	85474	0.56%	0.027%
74	7.732	7.699	7.748	VV	1031	27107	0.18%	0.009%
75	7.760	7.748	7.821	VV	955	25755	0.17%	0.008%
76	7.852	7.821	7.941	VV	1463	33958	0.22%	0.011%
77	8.201	8.190	8.227	VV	1429	26296	0.17%	0.008%
78	8.248	8.227	8.269	VV	1586	27811	0.18%	0.009%
79	8.305	8.269	8.338	VV	1391	38953	0.25%	0.012%
80	8.346	8.338	8.355	VV	490	4267	0.03%	0.001%
81	8.375	8.355	8.419	VV	1145	21360	0.14%	0.007%
82	8.428	8.419	8.446	VV	397	5120	0.03%	0.002%
83	8.467	8.446	8.491	VV	754	12393	0.08%	0.004%
84	8.560	8.491	8.642	VV	651453	6675638	43.58%	2.125%
85	8.676	8.642	8.848	VV	713704	7709075	50.32%	2.454%
86	8.975	8.948	9.079	VV	731873	7981451	52.10%	2.541%
87	9.095	9.079	9.138	VV	4501	113467	0.74%	0.036%
88	9.148	9.138	9.194	VV	2204	58288	0.38%	0.019%
89	9.208	9.194	9.235	VV	1320	30602	0.20%	0.010%

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90	9.247	9.235	9.265	VV	1209	19696	0.13%	0.006%
91	9.306	9.265	9.358	VV	1658	63435	0.41%	0.020%
92	9.387	9.358	9.431	VV	5334	86887	0.57%	0.028%
93	9.437	9.431	9.454	VV	722	8806	0.06%	0.003%
94	9.478	9.454	9.504	VV	1484	24336	0.16%	0.008%
95	9.519	9.504	9.571	VV	632	15758	0.10%	0.005%
96	9.594	9.571	9.611	VV	500	8531	0.06%	0.003%
97	9.622	9.611	9.658	VV	409	6841	0.04%	0.002%
98	9.684	9.658	9.711	VV	439	8115	0.05%	0.003%
99	9.768	9.711	9.964	PV	693548	8087468	52.79%	2.575%
100	9.988	9.964	10.035	VV	7965	160363	1.05%	0.051%
101	10.061	10.035	10.137	VV	15054	373707	2.44%	0.119%
102	10.171	10.137	10.321	VV	665563	7341771	47.93%	2.337%
103	10.340	10.321	10.370	VV	845	20561	0.13%	0.007%
104	10.396	10.370	10.454	VV	1829	35670	0.23%	0.011%
105	10.472	10.454	10.489	VV	378	6178	0.04%	0.002%
106	10.523	10.489	10.537	VV	1215	22777	0.15%	0.007%
107	10.558	10.537	10.588	VV	2596	42520	0.28%	0.014%
108	10.608	10.588	10.623	VV	612	9910	0.06%	0.003%
109	10.647	10.623	10.678	VV	872	17795	0.12%	0.006%
110	10.705	10.678	10.752	VV	913	15863	0.10%	0.005%
111	10.782	10.752	10.789	PV	136	2507	0.02%	0.001%
112	10.834	10.789	10.861	VV	567	14210	0.09%	0.005%
113	10.910	10.861	10.953	VV	6135	82276	0.54%	0.026%
114	10.996	10.953	11.101	VV	3701	121708	0.79%	0.039%
115	11.182	11.101	11.230	PV	700743	7735653	50.50%	2.463%
116	11.259	11.230	11.399	VV	615351	8146150	53.18%	2.594%
117	11.418	11.399	11.520	VV	7197	213238	1.39%	0.068%
118	11.549	11.520	11.580	VV	2601	70448	0.46%	0.022%
119	11.619	11.580	11.684	VV	655056	7382563	48.19%	2.350%
120	11.706	11.684	11.757	VV	3250	72547	0.47%	0.023%
121	11.777	11.757	11.800	VV	834	17173	0.11%	0.005%
122	11.814	11.800	11.841	VV	637	11370	0.07%	0.004%
123	11.861	11.841	11.884	VV	774	14325	0.09%	0.005%
124	11.942	11.884	11.995	VV	568906	6210887	40.54%	1.977%
125	12.006	11.995	12.030	VV	1820	32148	0.21%	0.010%
126	12.047	12.030	12.086	VV	1840	42643	0.28%	0.014%
127	12.109	12.086	12.134	VV	1316	27247	0.18%	0.009%
128	12.142	12.134	12.161	VV	837	11262	0.07%	0.004%
129	12.179	12.161	12.211	VV	679	14112	0.09%	0.004%
130	12.223	12.211	12.246	VV	439	6340	0.04%	0.002%
131	12.287	12.246	12.319	VV	4926	68211	0.45%	0.022%
132	12.348	12.319	12.371	VV	711	15288	0.10%	0.005%
133	12.388	12.371	12.418	VV	758	12127	0.08%	0.004%
134	12.427	12.418	12.468	VV	252	4172	0.03%	0.001%
135	12.488	12.468	12.526	PV	282	4663	0.03%	0.001%
136	12.550	12.526	12.635	PV	13621	212886	1.39%	0.068%
137	12.660	12.635	12.688	VV	1564	32120	0.21%	0.010%
138	12.698	12.688	12.728	VV	678	11479	0.07%	0.004%
139	12.753	12.728	12.775	VV	1798	22929	0.15%	0.007%
140	12.787	12.775	12.811	VV	246	2400	0.02%	0.001%
141	12.869	12.811	12.880	PV	591	13375	0.09%	0.004%

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142	12.932	12.880	12.975	VV	640517	7311426	47.73%	2.328%
143	13.012	12.975	13.162	VV	654195	7926181	51.74%	2.524%
144	13.202	13.162	13.244	VV	7040	114010	0.74%	0.036%
145	13.250	13.244	13.272	VV	533	5498	0.04%	0.002%
146	13.312	13.272	13.349	VV	650097	7768542	50.71%	2.473%
147	13.378	13.349	13.468	VV	357734	4242145	27.69%	1.351%
148	13.480	13.468	13.508	VV	1316	26336	0.17%	0.008%
149	13.545	13.508	13.590	VV	603897	7187347	46.92%	2.288%
150	13.606	13.590	13.628	VV	1045	20090	0.13%	0.006%
151	13.640	13.628	13.691	VV	742	19116	0.12%	0.006%
152	13.708	13.691	13.728	VV	225	2053	0.01%	0.001%
153	13.777	13.728	13.835	PV	695	24582	0.16%	0.008%
154	13.854	13.835	13.874	VV	250	3286	0.02%	0.001%
155	13.891	13.874	13.900	PV	254	2544	0.02%	0.001%
156	13.924	13.900	13.940	VV	894	12134	0.08%	0.004%
157	13.971	13.940	14.004	VV	1845	30946	0.20%	0.010%
158	14.037	14.004	14.052	VV	642	11890	0.08%	0.004%
159	14.084	14.052	14.096	VV	1717	25815	0.17%	0.008%
160	14.133	14.096	14.175	VV	568845	7087758	46.27%	2.257%
161	14.188	14.175	14.232	VV	1615	34690	0.23%	0.011%
162	14.257	14.232	14.295	VV	1086	19791	0.13%	0.006%
163	14.332	14.295	14.387	PV	1653	48254	0.32%	0.015%
164	14.397	14.387	14.411	VV	507	6042	0.04%	0.002%
165	14.433	14.411	14.480	VV	493	10550	0.07%	0.003%
166	14.546	14.480	14.556	PV	1368	37047	0.24%	0.012%
167	14.571	14.556	14.590	VV	1453	21255	0.14%	0.007%
168	14.641	14.590	14.659	VV	1029	30508	0.20%	0.010%
169	14.696	14.659	14.718	VV	3918	54493	0.36%	0.017%
170	14.758	14.718	14.783	VV	1871	39658	0.26%	0.013%
171	14.804	14.783	14.818	VV	918	15045	0.10%	0.005%
172	14.823	14.818	14.873	VV	748	14813	0.10%	0.005%
173	14.900	14.873	14.921	PV	1012	19522	0.13%	0.006%
174	14.949	14.921	15.004	VV	919	32399	0.21%	0.010%
175	15.016	15.004	15.040	VV	538	6225	0.04%	0.002%
176	15.091	15.040	15.119	VV	1306	33376	0.22%	0.011%
177	15.203	15.119	15.219	VV	591823	7310770	47.72%	2.328%
178	15.242	15.219	15.401	VV	1074084	15318737	100.00%	4.877%
179	15.437	15.401	15.470	VV	2456	74803	0.49%	0.024%
180	15.481	15.470	15.527	VV	1511	34391	0.22%	0.011%
181	15.567	15.527	15.588	VV	1026	26090	0.17%	0.008%
182	15.624	15.588	15.724	VV	19385	399229	2.61%	0.127%
183	15.757	15.724	15.793	VV	6027	106881	0.70%	0.034%
184	15.830	15.793	15.867	VV	7074	119855	0.78%	0.038%
185	15.896	15.867	15.914	PV	1026	11789	0.08%	0.004%
186	15.955	15.914	15.971	VV	833	19542	0.13%	0.006%
187	15.978	15.971	16.004	VV	695	11902	0.08%	0.004%
188	16.018	16.004	16.036	VV	752	11237	0.07%	0.004%
189	16.076	16.036	16.103	VV	1556	38719	0.25%	0.012%
190	16.146	16.103	16.178	VV	1770	52789	0.34%	0.017%
191	16.187	16.178	16.201	VV	959	11953	0.08%	0.004%
192	16.266	16.201	16.374	VV	535681	6958042	45.42%	2.215%
193	16.393	16.374	16.411	VV	646	7295	0.05%	0.002%
194	16.465	16.411	16.503	PV	2034	62705	0.41%	0.020%

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195	16.519	16.503	16.538	VV	827	14914	0.10%	0.005%
196	16.587	16.538	16.621	VV	4001	114157	0.75%	0.036%
197	16.642	16.621	16.687	VV	4178	87597	0.57%	0.028%
198	16.702	16.687	16.718	VV	1515	20841	0.14%	0.007%
199	16.774	16.718	16.789	VV	546713	7756266	50.63%	2.469%
200	16.807	16.789	16.944	VV	654782	8407514	54.88%	2.677%
201	16.963	16.944	17.001	VV	2639	65733	0.43%	0.021%
202	17.041	17.001	17.083	VV	4301	108259	0.71%	0.034%
203	17.098	17.083	17.118	VV	2772	39081	0.26%	0.012%
204	17.158	17.118	17.186	VV	549562	7564763	49.38%	2.408%
205	17.216	17.186	17.250	VV	528264	7200268	47.00%	2.292%
206	17.263	17.250	17.331	VV	7515	181510	1.18%	0.058%
207	17.342	17.331	17.354	VV	1207	13141	0.09%	0.004%
208	17.365	17.354	17.374	VV	1003	9373	0.06%	0.003%
209	17.462	17.374	17.486	VV	1163	56820	0.37%	0.018%
210	17.533	17.486	17.563	VV	2002	51730	0.34%	0.016%
211	17.590	17.563	17.621	VV	3491	68829	0.45%	0.022%
212	17.663	17.621	17.718	VV	15103	257025	1.68%	0.082%
213	17.780	17.718	17.811	VV	1960	56539	0.37%	0.018%
214	17.832	17.811	17.864	VV	1194	24866	0.16%	0.008%
215	17.879	17.864	17.916	VV	754	11124	0.07%	0.004%
216	17.994	17.916	18.027	PV	1944	50484	0.33%	0.016%
217	18.108	18.027	18.163	VV	500973	6771286	44.20%	2.156%
218	18.200	18.163	18.215	VV	2779	48773	0.32%	0.016%
219	18.249	18.215	18.321	VV	4371	143484	0.94%	0.046%
220	18.335	18.321	18.348	VV	1630	22194	0.14%	0.007%
221	18.353	18.348	18.367	VV	1759	14117	0.09%	0.004%
222	18.435	18.367	18.444	VV	3930	84413	0.55%	0.027%
223	18.471	18.444	18.500	VV	10019	218338	1.43%	0.070%
224	18.545	18.500	18.559	VV	555464	8404147	54.86%	2.676%
225	18.575	18.559	18.698	VV	617763	9199500	60.05%	2.929%
226	18.707	18.698	18.727	VV	6527	101707	0.66%	0.032%
227	18.745	18.727	18.754	VV	5186	79912	0.52%	0.025%
228	18.803	18.754	18.900	VV	581966	8950636	58.43%	2.850%
229	18.941	18.900	18.981	VV	501962	7018620	45.82%	2.235%
230	19.022	18.981	19.064	VV	10220	371691	2.43%	0.118%
231	19.094	19.064	19.121	VV	6682	203846	1.33%	0.065%
232	19.127	19.121	19.143	VV	5474	66415	0.43%	0.021%
233	19.221	19.143	19.248	VV	6775	355579	2.32%	0.113%
234	19.303	19.248	19.313	VV	14209	351106	2.29%	0.112%
235	19.335	19.313	19.388	VV	24901	595224	3.89%	0.190%
236	19.437	19.388	19.453	VV	8756	300800	1.96%	0.096%
237	19.472	19.453	19.512	VV	10509	314541	2.05%	0.100%
238	19.536	19.512	19.547	VV	8532	172797	1.13%	0.055%
239	19.582	19.547	19.611	VV	13027	407873	2.66%	0.130%
240	19.639	19.611	19.662	VV	9989	296778	1.94%	0.094%
241	19.727	19.662	19.774	VV	475232	7299220	47.65%	2.324%
242	19.796	19.774	19.808	VV	17225	312349	2.04%	0.099%
243	19.834	19.808	19.861	VV	20006	556189	3.63%	0.177%
244	19.877	19.861	19.901	VV	17954	388719	2.54%	0.124%
245	19.912	19.901	19.936	VV	15040	302434	1.97%	0.096%
246	19.961	19.936	19.976	VV	15542	348691	2.28%	0.111%

rteres								
247	20.009	19.976	20.034	VV	21538	638148	4.17%	0.203%
248	20.078	20.034	20.131	VV	62220	1799077	11.74%	0.573%
249	20.192	20.131	20.204	VV	20583	881736	5.76%	0.281%
250	20.249	20.204	20.260	VV	21743	699499	4.57%	0.223%
251	20.288	20.260	20.304	VV	23379	592780	3.87%	0.189%
252	20.378	20.304	20.404	VV	26840	1466957	9.58%	0.467%
253	20.468	20.404	20.511	VV	461082	8061239	52.62%	2.567%
254	20.532	20.511	20.563	VV	29514	884505	5.77%	0.282%
255	20.629	20.563	20.661	VV	34689	1840944	12.02%	0.586%
256	20.727	20.661	20.759	VV	33835	1893571	12.36%	0.603%
257	20.773	20.759	20.787	VV	33319	551987	3.60%	0.176%
258	20.826	20.787	20.864	VV	39210	1606748	10.49%	0.512%
259	20.887	20.864	20.968	VV	34747	2032151	13.27%	0.647%
260	20.980	20.968	20.991	VV	30849	422990	2.76%	0.135%
261	21.017	20.991	21.084	VV	31594	1603478	10.47%	0.511%
262	21.122	21.084	21.156	VV	27628	1158447	7.56%	0.369%
263	21.217	21.156	21.264	VV	381048	8007198	52.27%	2.549%
264	21.313	21.264	21.348	VV	26739	1279476	8.35%	0.407%
265	21.356	21.348	21.411	VV	24165	870526	5.68%	0.277%
266	21.421	21.411	21.438	VV	22192	352328	2.30%	0.112%
267	21.489	21.438	21.578	VV	23032	1747328	11.41%	0.556%
268	21.584	21.578	21.607	VV	16917	285154	1.86%	0.091%
269	21.646	21.607	21.734	VV	19476	1261799	8.24%	0.402%
270	21.762	21.734	21.807	VV	14380	607761	3.97%	0.193%
271	21.861	21.807	21.881	VV	14268	618001	4.03%	0.197%
272	21.898	21.881	21.968	VV	14362	676884	4.42%	0.216%
273	21.986	21.968	21.998	VV	12632	216472	1.41%	0.069%
274	22.000	21.998	22.066	VV	12155	439106	2.87%	0.140%
275	22.152	22.066	22.214	VV	284419	7228655	47.19%	2.301%
276	22.238	22.214	22.324	VV	7213	364864	2.38%	0.116%
277	22.334	22.324	22.345	VV	3288	37788	0.25%	0.012%
278	22.373	22.345	22.394	VV	2938	75042	0.49%	0.024%
279	22.427	22.394	22.479	VV	2161	69770	0.46%	0.022%
Sum of corrected areas:					314093679			

Aliphatic EPH 112725.M Tue Dec 02 03:57:29 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057109.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 21:09
 Operator : YP\AJ
 Sample : Q3732-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-11-26-2025MSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Dec 02 01:28:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.941	6077307	27.694 ug/ml
Spiked Amount 50.000		Recovery =	55.39%
12) S 1-chlorooctadecane (S...	13.378	4140090	24.876 ug/ml
Spiked Amount 50.000		Recovery =	49.75%
Target Compounds			
1) T n-Nonane (C9)	3.297	4091845	20.918 ug/ml
2) T n-Decane (C10)	4.552	4744822	23.459 ug/ml
3) T A~Naphthalene (C11.7)	6.268	6132970	30.462 ug/ml
4) T n-Dodecane (C12)	6.724	5636219	27.616 ug/ml
5) T A~2-methylnaphthalene...	7.368	6009525	31.275 ug/ml
6) T n-Tetradecane (C14)	8.560	6590576	32.743 ug/ml
7) T n-Hexadecane (C16)	10.171	7122333	34.730 ug/ml
8) T n-Octadecane (C18)	11.619	7213852	34.999 ug/ml
10) T n-Eicosane (C20)	12.933	7214281	36.675 ug/ml
11) T n-Heneicosane (C21)	13.546	7074379	36.822 ug/ml
13) T n-Docosane (C22)	14.133	7031734	36.426 ug/ml
14) T n-Tetracosane (C24)	15.242	15119078	76.337 ug/ml
15) T n-Hexacosane (C26)	16.266	6841301	34.484 ug/ml
16) T n-Octacosane (C28)	17.216	6946471	33.803 ug/ml
17) T n-Tricontane (C30)	18.108	6635092	29.565 ug/ml
18) T n-Dotriacontane (C32)	18.940	6511112	27.893 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6469535	30.290 ug/ml
20) T n-Hexatriacontane (C36)	20.468	6361534	34.178 ug/ml
21) T n-Octatriacontane (C38)	21.215	6297878	36.339 ug/ml
22) T n-Tetracontane (C40)	22.150	6506937	38.613 ug/ml

(f)=RT Delta > 1/2 Window

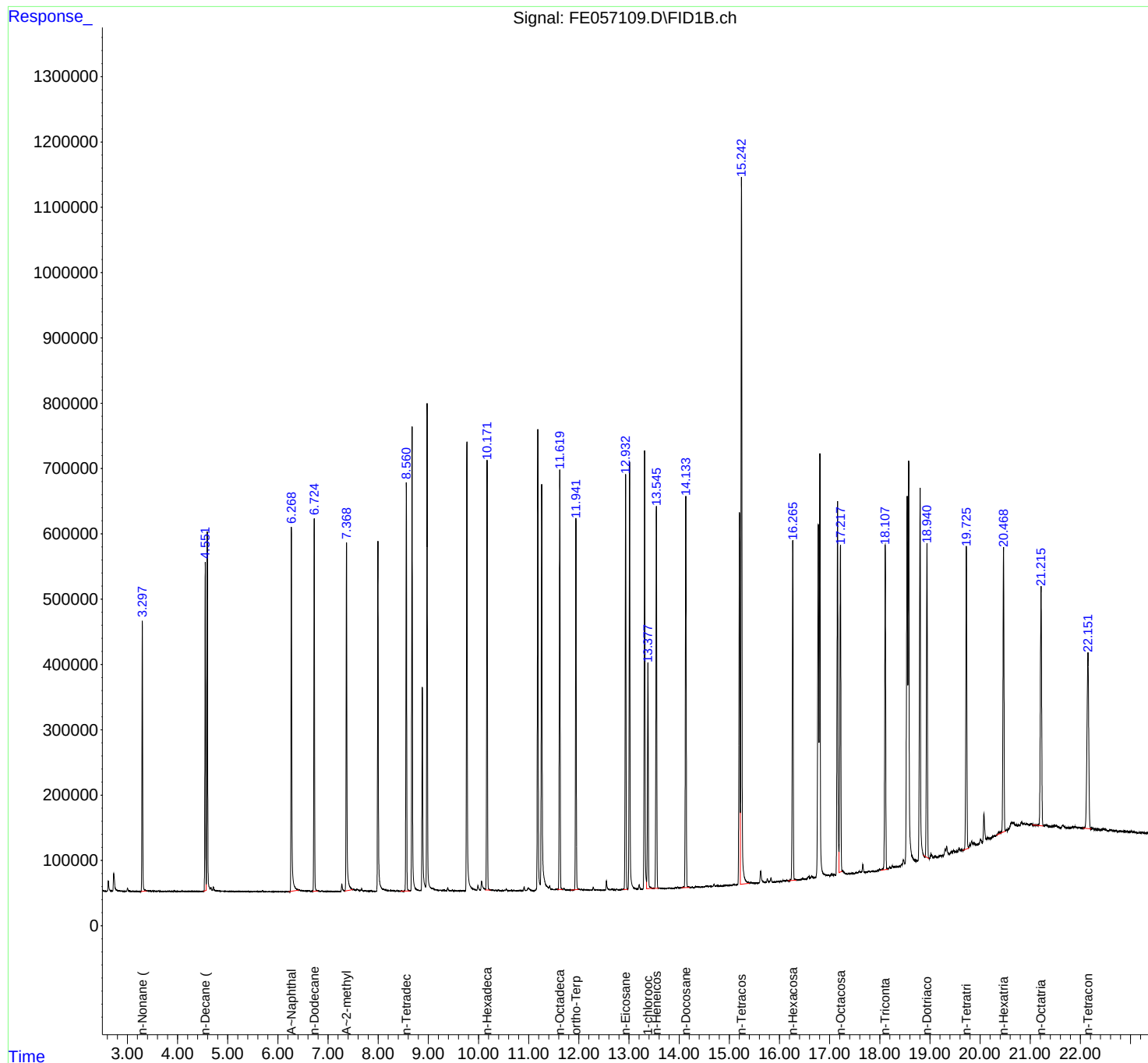
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
Data File : FE057109.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2025 21:09
Operator : YP\AJ
Sample : Q3732-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
HD-01-11-26-2025MSD

Integration File: autoint1.e
Quant Time: Dec 02 01:28:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057109.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 21:09
 Sample : Q3732-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.619	2.541	2.700	BV	15692	204538	1.34%	0.065%
2	2.727	2.700	2.826	VV	26553	498955	3.27%	0.158%
3	2.839	2.826	2.922	VV	600	17923	0.12%	0.006%
4	2.936	2.922	2.978	VV	182	3009	0.02%	0.001%
5	3.002	2.978	3.054	PV	4976	65230	0.43%	0.021%
6	3.081	3.054	3.148	VV	337	8961	0.06%	0.003%
7	3.165	3.148	3.207	VV	278	3347	0.02%	0.001%
8	3.218	3.207	3.246	PV	81	1155	0.01%	0.000%
9	3.297	3.246	3.427	PV	414377	4146286	27.20%	1.311%
10	3.440	3.427	3.490	VV	794	23381	0.15%	0.007%
11	3.506	3.490	3.528	VV	596	11305	0.07%	0.004%
12	3.539	3.528	3.561	VV	574	9249	0.06%	0.003%
13	3.580	3.561	3.591	VV	434	7075	0.05%	0.002%
14	3.611	3.591	3.620	VV	595	7891	0.05%	0.002%
15	3.630	3.620	3.650	VV	518	7751	0.05%	0.002%
16	3.668	3.650	3.723	VV	495	14503	0.10%	0.005%
17	3.744	3.723	3.771	VV	352	8259	0.05%	0.003%
18	3.814	3.771	3.831	VV	432	11810	0.08%	0.004%
19	3.833	3.831	3.871	VV	419	7581	0.05%	0.002%
20	3.885	3.871	3.908	VV	465	8076	0.05%	0.003%
21	3.914	3.908	3.928	VV	395	4356	0.03%	0.001%
22	3.934	3.928	3.961	VV	391	6541	0.04%	0.002%
23	3.987	3.961	4.063	VV	451	21082	0.14%	0.007%
24	4.092	4.063	4.108	VV	616	10901	0.07%	0.003%
25	4.124	4.108	4.154	VV	470	10789	0.07%	0.003%
26	4.161	4.154	4.182	VV	420	6035	0.04%	0.002%
27	4.199	4.182	4.224	VV	569	10073	0.07%	0.003%
28	4.233	4.224	4.255	VV	368	5355	0.04%	0.002%
29	4.266	4.255	4.270	VV	329	2681	0.02%	0.001%
30	4.291	4.270	4.307	VV	603	9384	0.06%	0.003%
31	4.322	4.307	4.344	VV	463	8286	0.05%	0.003%
32	4.351	4.344	4.358	VV	300	2432	0.02%	0.001%
33	4.367	4.358	4.410	VV	344	8954	0.06%	0.003%
34	4.442	4.410	4.471	VV	402	10904	0.07%	0.003%
35	4.501	4.471	4.514	VV	348	7555	0.05%	0.002%
36	4.552	4.514	4.572	VV	500874	4781574	31.37%	1.512%

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37	4.592	4.572	4.650	VV	548838	5650349	37.06%	1.786%
38	4.665	4.650	4.693	VV	6582	108451	0.71%	0.034%
39	4.713	4.693	4.820	VV	7229	173240	1.14%	0.055%
40	4.835	4.820	4.849	VV	1033	16240	0.11%	0.005%
41	4.857	4.849	4.875	VV	837	12535	0.08%	0.004%
42	4.893	4.875	4.937	VV	713	24696	0.16%	0.008%
43	4.959	4.937	5.005	VV	666	22319	0.15%	0.007%
44	5.014	5.005	5.036	VV	522	8630	0.06%	0.003%
45	5.057	5.036	5.197	VV	537	36445	0.24%	0.012%
46	5.209	5.197	5.244	VV	382	8171	0.05%	0.003%
47	5.263	5.244	5.285	VV	355	6449	0.04%	0.002%
48	5.304	5.285	5.315	VV	310	4473	0.03%	0.001%
49	5.322	5.315	5.343	VV	278	3865	0.03%	0.001%
50	5.363	5.343	5.408	VV	227	7905	0.05%	0.002%
51	5.418	5.408	5.451	VV	187	4042	0.03%	0.001%
52	5.470	5.451	5.504	VV	251	5713	0.04%	0.002%
53	5.532	5.504	5.611	VV	329	14762	0.10%	0.005%
54	5.617	5.611	5.666	VV	277	5551	0.04%	0.002%
55	5.692	5.666	5.791	VV	1862	30475	0.20%	0.010%
56	5.814	5.791	5.861	VV	121	4144	0.03%	0.001%
57	5.872	5.861	5.931	VV	241	4851	0.03%	0.002%
58	5.955	5.931	5.974	VV	162	2593	0.02%	0.001%
59	5.997	5.974	6.037	VV	315	6605	0.04%	0.002%
60	6.054	6.037	6.077	VV	148	2564	0.02%	0.001%
61	6.095	6.077	6.145	VV	192	4794	0.03%	0.002%
62	6.174	6.145	6.186	VV	166	2502	0.02%	0.001%
63	6.224	6.186	6.241	PV	194	3441	0.02%	0.001%
64	6.268	6.241	6.420	VV	557940	6292289	41.28%	1.989%
65	6.430	6.420	6.531	VV	2688	114839	0.75%	0.036%
66	6.544	6.531	6.571	VV	1151	25443	0.17%	0.008%
67	6.615	6.571	6.689	VV	1273	62692	0.41%	0.020%
68	6.724	6.689	6.858	VV	571946	5720282	37.52%	1.809%
69	6.877	6.858	6.906	VV	1100	20412	0.13%	0.006%
70	6.915	6.906	6.944	VV	514	9230	0.06%	0.003%
71	6.951	6.944	6.970	VV	397	4934	0.03%	0.002%
72	6.979	6.970	7.000	VV	352	5523	0.04%	0.002%
73	7.016	7.000	7.038	VV	395	7391	0.05%	0.002%
74	7.055	7.038	7.075	VV	418	6722	0.04%	0.002%
75	7.086	7.075	7.111	VV	204	2853	0.02%	0.001%
76	7.138	7.111	7.164	VV	291	4799	0.03%	0.002%
77	7.184	7.164	7.223	VV	183	3458	0.02%	0.001%
78	7.276	7.223	7.331	PV	11473	175793	1.15%	0.056%
79	7.368	7.331	7.496	VV	531684	6190687	40.61%	1.957%
80	7.512	7.496	7.551	VV	3489	89670	0.59%	0.028%
81	7.574	7.551	7.629	VV	3320	115661	0.76%	0.037%
82	7.672	7.629	7.698	VV	3525	83706	0.55%	0.026%
83	7.734	7.698	7.751	VV	984	29121	0.19%	0.009%
84	7.763	7.751	7.828	VV	1021	25575	0.17%	0.008%
85	7.851	7.828	7.944	VV	1470	32904	0.22%	0.010%
86	8.200	8.190	8.228	VV	1492	26797	0.18%	0.008%
87	8.248	8.228	8.270	VV	1676	28439	0.19%	0.009%
88	8.305	8.270	8.339	VV	1436	39705	0.26%	0.013%
89	8.374	8.339	8.403	VV	1101	22220	0.15%	0.007%

					rt	Area	Area%	Height%
90	8.414	8.403	8.446	VV	417	8878	0.06%	0.003%
91	8.466	8.446	8.486	VV	737	11424	0.07%	0.004%
92	8.499	8.486	8.506	VV	429	4264	0.03%	0.001%
93	8.560	8.506	8.643	VV	626672	6625180	43.46%	2.095%
94	8.675	8.643	8.847	VV	709017	7637573	50.10%	2.415%
95	8.975	8.948	9.078	VV	742706	7911291	51.90%	2.501%
96	9.094	9.078	9.201	VV	4446	178902	1.17%	0.057%
97	9.215	9.201	9.268	VV	1329	46405	0.30%	0.015%
98	9.306	9.268	9.356	VV	1685	60777	0.40%	0.019%
99	9.386	9.356	9.424	VV	5355	86625	0.57%	0.027%
100	9.439	9.424	9.458	VV	865	14197	0.09%	0.004%
101	9.477	9.458	9.501	VV	1493	23043	0.15%	0.007%
102	9.520	9.501	9.571	VV	698	18088	0.12%	0.006%
103	9.593	9.571	9.614	VV	508	10117	0.07%	0.003%
104	9.620	9.614	9.643	VV	421	4941	0.03%	0.002%
105	9.679	9.643	9.709	VV	498	10375	0.07%	0.003%
106	9.768	9.709	9.965	VV	686789	8014593	52.57%	2.534%
107	9.988	9.965	10.036	VV	7921	157723	1.03%	0.050%
108	10.062	10.036	10.137	VV	15090	366412	2.40%	0.116%
109	10.171	10.137	10.320	VV	658912	7274279	47.72%	2.300%
110	10.339	10.320	10.374	VV	896	23808	0.16%	0.008%
111	10.396	10.374	10.459	VV	1780	37125	0.24%	0.012%
112	10.484	10.459	10.493	VV	418	7224	0.05%	0.002%
113	10.525	10.493	10.537	VV	1221	21195	0.14%	0.007%
114	10.557	10.537	10.588	VV	2460	42129	0.28%	0.013%
115	10.609	10.588	10.619	VV	635	8750	0.06%	0.003%
116	10.648	10.619	10.684	VV	896	18913	0.12%	0.006%
117	10.705	10.684	10.760	VV	884	14495	0.10%	0.005%
118	10.837	10.760	10.860	PV	634	17376	0.11%	0.005%
119	10.910	10.860	10.950	VV	6086	83979	0.55%	0.027%
120	10.997	10.950	11.092	VV	3826	126205	0.83%	0.040%
121	11.182	11.092	11.231	PV	694278	7688112	50.43%	2.431%
122	11.259	11.231	11.399	VV	612413	8088462	53.06%	2.557%
123	11.418	11.399	11.518	VV	7327	213408	1.40%	0.067%
124	11.548	11.518	11.580	VV	2617	73175	0.48%	0.023%
125	11.619	11.580	11.678	VV	631562	7312186	47.97%	2.312%
126	11.706	11.678	11.757	VV	3221	79232	0.52%	0.025%
127	11.778	11.757	11.801	VV	847	17740	0.12%	0.006%
128	11.813	11.801	11.844	VV	703	12780	0.08%	0.004%
129	11.861	11.844	11.891	VV	813	15594	0.10%	0.005%
130	11.941	11.891	11.998	VV	572234	6156421	40.38%	1.946%
131	12.007	11.998	12.029	VV	1897	28732	0.19%	0.009%
132	12.047	12.029	12.087	VV	1876	42079	0.28%	0.013%
133	12.108	12.087	12.131	VV	1191	24345	0.16%	0.008%
134	12.142	12.131	12.163	VV	916	14050	0.09%	0.004%
135	12.176	12.163	12.204	VV	744	13690	0.09%	0.004%
136	12.225	12.204	12.244	VV	395	7388	0.05%	0.002%
137	12.287	12.244	12.321	VV	4805	67538	0.44%	0.021%
138	12.350	12.321	12.369	VV	670	14038	0.09%	0.004%
139	12.388	12.369	12.464	VV	688	16692	0.11%	0.005%
140	12.488	12.464	12.527	PV	254	5413	0.04%	0.002%
141	12.550	12.527	12.612	PV	13643	201196	1.32%	0.064%

					rteres			
142	12.624	12.612	12.638	VV	960	12241	0.08%	0.004%
143	12.658	12.638	12.689	VV	1612	32014	0.21%	0.010%
144	12.701	12.689	12.734	VV	656	11829	0.08%	0.004%
145	12.754	12.734	12.778	VV	1781	22620	0.15%	0.007%
146	12.789	12.778	12.804	VV	249	2199	0.01%	0.001%
147	12.865	12.804	12.881	PV	605	14486	0.10%	0.005%
148	12.933	12.881	12.976	VV	631384	7245367	47.53%	2.291%
149	13.012	12.976	13.161	VV	649047	7872674	51.64%	2.489%
150	13.202	13.161	13.244	VV	7334	116157	0.76%	0.037%
151	13.254	13.244	13.273	VV	519	6244	0.04%	0.002%
152	13.312	13.273	13.350	VV	671596	7719999	50.64%	2.441%
153	13.378	13.350	13.468	VV	346073	4205201	27.58%	1.330%
154	13.481	13.468	13.501	VV	1335	23290	0.15%	0.007%
155	13.546	13.501	13.594	VV	585164	7130407	46.77%	2.254%
156	13.606	13.594	13.694	VV	1028	40250	0.26%	0.013%
157	13.712	13.694	13.741	VV	265	3868	0.03%	0.001%
158	13.780	13.741	13.801	PV	782	18941	0.12%	0.006%
159	13.817	13.801	13.842	VV	617	11919	0.08%	0.004%
160	13.853	13.842	13.871	VV	439	4490	0.03%	0.001%
161	13.894	13.871	13.903	PV	377	4695	0.03%	0.001%
162	13.925	13.903	13.943	VV	963	14393	0.09%	0.005%
163	13.971	13.943	14.005	VV	1809	32403	0.21%	0.010%
164	14.041	14.005	14.054	VV	661	14614	0.10%	0.005%
165	14.085	14.054	14.097	VV	1709	27618	0.18%	0.009%
166	14.133	14.097	14.178	VV	596112	7030808	46.12%	2.223%
167	14.191	14.178	14.234	VV	1693	32326	0.21%	0.010%
168	14.256	14.234	14.294	VV	1069	19220	0.13%	0.006%
169	14.333	14.294	14.390	PV	1768	48560	0.32%	0.015%
170	14.400	14.390	14.414	VV	562	6057	0.04%	0.002%
171	14.428	14.414	14.480	VV	530	10998	0.07%	0.003%
172	14.543	14.480	14.554	PV	1380	36460	0.24%	0.012%
173	14.570	14.554	14.594	VV	1378	24080	0.16%	0.008%
174	14.609	14.594	14.621	VV	820	11197	0.07%	0.004%
175	14.644	14.621	14.664	VV	921	16184	0.11%	0.005%
176	14.695	14.664	14.724	VV	3707	52572	0.34%	0.017%
177	14.758	14.724	14.781	VV	1773	32654	0.21%	0.010%
178	14.827	14.781	14.851	VV	612	19661	0.13%	0.006%
179	14.898	14.851	14.914	PV	891	14484	0.10%	0.005%
180	14.950	14.914	15.000	VV	840	29744	0.20%	0.009%
181	15.014	15.000	15.038	VV	507	5980	0.04%	0.002%
182	15.092	15.038	15.111	PV	1402	31003	0.20%	0.010%
183	15.124	15.111	15.135	VV	582	7235	0.05%	0.002%
184	15.203	15.135	15.219	VV	575489	7287293	47.80%	2.304%
185	15.242	15.219	15.405	VV	1081918	15244645	100.00%	4.820%
186	15.434	15.405	15.473	VV	2284	72900	0.48%	0.023%
187	15.487	15.473	15.521	VV	1420	31088	0.20%	0.010%
188	15.566	15.521	15.581	VV	918	28403	0.19%	0.009%
189	15.624	15.581	15.714	VV	18797	402845	2.64%	0.127%
190	15.758	15.714	15.788	VV	6541	110728	0.73%	0.035%
191	15.830	15.788	15.871	VV	7432	132195	0.87%	0.042%
192	15.895	15.871	15.921	PV	876	13352	0.09%	0.004%
193	15.942	15.921	15.959	VV	889	13453	0.09%	0.004%
194	15.973	15.959	15.989	VV	668	9981	0.07%	0.003%

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195	16.024	15.989	16.041	VV	713	11808	0.08%	0.004%
196	16.077	16.041	16.108	VV	1356	32351	0.21%	0.010%
197	16.150	16.108	16.171	VV	1641	34681	0.23%	0.011%
198	16.186	16.171	16.199	VV	732	9345	0.06%	0.003%
199	16.266	16.199	16.369	VV	525834	6882407	45.15%	2.176%
200	16.459	16.369	16.491	PV	2117	49502	0.32%	0.016%
201	16.503	16.491	16.518	VV	776	10262	0.07%	0.003%
202	16.586	16.518	16.608	VV	3825	96039	0.63%	0.030%
203	16.644	16.608	16.691	VV	3632	90963	0.60%	0.029%
204	16.774	16.691	16.788	VV	543728	7696052	50.48%	2.433%
205	16.806	16.788	16.930	VV	656048	8387722	55.02%	2.652%
206	16.942	16.930	16.964	VV	2936	52559	0.34%	0.017%
207	16.973	16.964	17.002	VV	2292	43832	0.29%	0.014%
208	17.040	17.002	17.080	VV	4309	109700	0.72%	0.035%
209	17.097	17.080	17.121	VV	2656	46385	0.30%	0.015%
210	17.158	17.121	17.186	VV	566522	7533312	49.42%	2.382%
211	17.216	17.186	17.249	VV	505692	7151417	46.91%	2.261%
212	17.263	17.249	17.325	VV	7841	188312	1.24%	0.060%
213	17.334	17.325	17.368	VV	1409	27983	0.18%	0.009%
214	17.401	17.368	17.409	VV	1266	26730	0.18%	0.008%
215	17.463	17.409	17.481	VV	1402	44047	0.29%	0.014%
216	17.543	17.481	17.561	VV	1602	46745	0.31%	0.015%
217	17.591	17.561	17.619	VV	2949	68509	0.45%	0.022%
218	17.663	17.619	17.688	VV	13153	203143	1.33%	0.064%
219	17.700	17.688	17.720	VV	1342	18366	0.12%	0.006%
220	17.778	17.720	17.814	VV	1511	51652	0.34%	0.016%
221	17.842	17.814	17.858	VV	1400	24535	0.16%	0.008%
222	17.867	17.858	17.891	VV	759	10892	0.07%	0.003%
223	17.901	17.891	17.923	VV	411	3283	0.02%	0.001%
224	17.998	17.923	18.019	PV	2154	57745	0.38%	0.018%
225	18.108	18.019	18.168	VV	497368	6685582	43.86%	2.114%
226	18.196	18.168	18.218	VV	2658	53232	0.35%	0.017%
227	18.249	18.218	18.268	VV	4615	82108	0.54%	0.026%
228	18.276	18.268	18.324	VV	2479	65438	0.43%	0.021%
229	18.338	18.324	18.366	VV	2106	38280	0.25%	0.012%
230	18.389	18.366	18.406	VV	1685	33443	0.22%	0.011%
231	18.432	18.406	18.443	VV	3945	63107	0.41%	0.020%
232	18.472	18.443	18.500	VV	10758	243861	1.60%	0.077%
233	18.546	18.500	18.559	VV	559805	8356171	54.81%	2.642%
234	18.576	18.559	18.722	VV	615631	9335229	61.24%	2.951%
235	18.744	18.722	18.754	VV	6188	114481	0.75%	0.036%
236	18.803	18.754	18.899	VV	580340	8938781	58.64%	2.826%
237	18.940	18.899	18.984	VV	488050	6937303	45.51%	2.193%
238	19.020	18.984	19.031	VV	11964	245257	1.61%	0.078%
239	19.037	19.031	19.061	VV	10323	158838	1.04%	0.050%
240	19.096	19.061	19.145	VV	8562	358564	2.35%	0.113%
241	19.217	19.145	19.234	VV	7970	365043	2.39%	0.115%
242	19.302	19.234	19.316	VV	16248	482328	3.16%	0.152%
243	19.334	19.316	19.389	VV	20090	560024	3.67%	0.177%
244	19.437	19.389	19.448	VV	10654	338909	2.22%	0.107%
245	19.470	19.448	19.518	VV	12782	435956	2.86%	0.138%
246	19.581	19.518	19.617	VV	13885	650410	4.27%	0.206%

rteres								
247	19.631	19.617	19.660	VV	10830	261750	1.72%	0.083%
248	19.726	19.660	19.770	VV	473984	7185527	47.13%	2.272%
249	19.797	19.770	19.810	VV	16610	353256	2.32%	0.112%
250	19.833	19.810	19.866	VV	21676	624434	4.10%	0.197%
251	19.880	19.866	19.929	VV	18562	618801	4.06%	0.196%
252	20.010	19.929	20.040	VV	21903	1148088	7.53%	0.363%
253	20.077	20.040	20.124	VV	60325	1636347	10.73%	0.517%
254	20.159	20.124	20.194	VV	21883	901268	5.91%	0.285%
255	20.280	20.194	20.309	VV	24446	1558710	10.22%	0.493%
256	20.376	20.309	20.391	VV	28439	1276184	8.37%	0.403%
257	20.467	20.391	20.504	VV	462135	8136748	53.37%	2.573%
258	20.537	20.504	20.547	VV	29517	735562	4.83%	0.233%
259	20.637	20.547	20.649	VV	39350	2130478	13.98%	0.674%
260	20.668	20.649	20.718	VV	38748	1523007	9.99%	0.482%
261	20.731	20.718	20.746	VV	34393	579268	3.80%	0.183%
262	20.768	20.746	20.794	VV	34749	964176	6.32%	0.305%
263	20.827	20.794	20.856	VV	38465	1334925	8.76%	0.422%
264	20.877	20.856	20.900	VV	35647	908989	5.96%	0.287%
265	20.912	20.900	20.927	VV	33599	540101	3.54%	0.171%
266	20.936	20.927	20.975	VV	33368	943090	6.19%	0.298%
267	21.018	20.975	21.051	VV	32820	1446648	9.49%	0.457%
268	21.061	21.051	21.111	VV	30562	1082998	7.10%	0.342%
269	21.117	21.111	21.130	VV	29875	329402	2.16%	0.104%
270	21.142	21.130	21.165	VV	29311	607876	3.99%	0.192%
271	21.215	21.165	21.261	VV	393408	7872689	51.64%	2.489%
272	21.276	21.261	21.284	VV	27050	368250	2.42%	0.116%
273	21.319	21.284	21.381	VV	27445	1507810	9.89%	0.477%
274	21.394	21.381	21.406	VV	23782	351826	2.31%	0.111%
275	21.464	21.406	21.474	VV	23999	968978	6.36%	0.306%
276	21.487	21.474	21.501	VV	24043	382217	2.51%	0.121%
277	21.521	21.501	21.600	VV	23942	1280866	8.40%	0.405%
278	21.650	21.600	21.739	VV	23239	1637480	10.74%	0.518%
279	21.754	21.739	21.768	VV	17306	285866	1.88%	0.090%
280	21.771	21.768	21.783	VV	16613	146751	0.96%	0.046%
281	21.793	21.783	21.804	VV	16469	209107	1.37%	0.066%
282	21.898	21.804	21.949	VV	16930	1412962	9.27%	0.447%
283	21.985	21.949	22.031	VV	14775	699402	4.59%	0.221%
284	22.042	22.031	22.072	VV	13237	320461	2.10%	0.101%
285	22.150	22.072	22.215	VV	279878	7435431	48.77%	2.351%
286	22.233	22.215	22.397	VV	10034	849586	5.57%	0.269%
287	22.448	22.397	22.458	VV	6072	197835	1.30%	0.063%
288	22.489	22.458	22.561	VV	5619	248653	1.63%	0.079%
289	22.591	22.561	22.681	VV	2853	122298	0.80%	0.039%
Sum of corrected areas:					316291443			

Aliphatic EPH 112725.M Tue Dec 02 04:03:18 2025

Manual Integration Report

Sequence:

FE112725AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
10 PPM ALIPHATIC HC	FE057082.D	n-Tetracosane (C24)	rahul	12/1/2025 9:08:11 AM	mohammad	12/2/2025 12:49:44	Peak Integrated by Software
5 PPM ALIPHATIC HC	FE057083.D	A~2-methylnaphthalene (C12.89)	rahul	12/1/2025 9:08:15 AM	mohammad	12/2/2025 12:49:44	Peak Integrated by Software
5 PPM ALIPHATIC HC	FE057083.D	n-Tetracosane (C24)	rahul	12/1/2025 9:08:15 AM	mohammad	12/2/2025 12:49:44	Peak Integrated by Software

Manual Integration Report

Sequence:	FE120125AL	Instrument	FID_e
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE057115.D	n-Tetracontane (C40)	rahul	12/2/2025 8:27:00 AM	mohammad	12/3/2025 12:24:27	Peak Integrated by Software

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE112725AL

Review By	rahul	Review On	11/26/2025 3:46:33 PM
Supervise By	mohammad	Supervise On	12/2/2025 12:49:44 AM
SubDirectory	FE112725AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE057077.D	27 Nov 2025 11:16	YP\AJ	Ok
2	I.BLK	FE057078.D	27 Nov 2025 11:47	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE057079.D	27 Nov 2025 12:17	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE057080.D	27 Nov 2025 12:47	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE057081.D	27 Nov 2025 13:17	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE057082.D	27 Nov 2025 13:47	YP\AJ	Ok,M
7	5 PPM ALIPHATIC HC STD5	FE057083.D	27 Nov 2025 14:17	YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC STD ICV	FE057084.D	27 Nov 2025 14:47	YP\AJ	Ok
9	I.BLK	FE057085.D	27 Nov 2025 15:48	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE057086.D	27 Nov 2025 16:18	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM
SubDirectory	FE120125AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE057088.D	01 Dec 2025 10:06	YP\AJ	Ok
2	I.BLK	FE057089.D	01 Dec 2025 10:36	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE057090.D	01 Dec 2025 11:38	YP\AJ	Ok
4	Q3714-02DL	FE057091.D	01 Dec 2025 12:08	YP\AJ	Ok
5	Q3723-01DL	FE057092.D	01 Dec 2025 12:38	YP\AJ	Ok
6	Q3723-02DL	FE057093.D	01 Dec 2025 13:08	YP\AJ	Ok
7	Q3719-01DL	FE057094.D	01 Dec 2025 13:38	YP\AJ	Ok
8	Q3714-01DL	FE057095.D	01 Dec 2025 14:08	YP\AJ	Ok
9	I.BLK	FE057096.D	01 Dec 2025 14:38	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE057097.D	01 Dec 2025 15:08	YP\AJ	Ok
11	PB170764BL	FE057098.D	01 Dec 2025 15:38	YP\AJ	Ok
12	PB170764BS	FE057099.D	01 Dec 2025 16:08	YP\AJ	Ok
13	PB170764BSD	FE057100.D	01 Dec 2025 16:39	YP\AJ	Ok
14	Q3719-06RE	FE057101.D	01 Dec 2025 17:09	YP\AJ	Confirms
15	Q3719-12RE	FE057102.D	01 Dec 2025 17:39	YP\AJ	Confirms
16	Q3719-13RE	FE057103.D	01 Dec 2025 18:09	YP\AJ	Confirms
17	Q3719-14RE	FE057104.D	01 Dec 2025 18:39	YP\AJ	Confirms
18	Q3725-04	FE057105.D	01 Dec 2025 19:09	YP\AJ	Ok
19	Q3732-01	FE057106.D	01 Dec 2025 19:39	YP\AJ	Ok
20	Q3732-01D	FE057107.D	01 Dec 2025 20:09	YP\AJ	Ok
21	Q3732-01MS	FE057108.D	01 Dec 2025 20:39	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM
SubDirectory	FE120125AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

22	Q3732-01MSD	FE057109.D	01 Dec 2025 21:09	YP\AJ	Ok
23	Q3732-02	FE057110.D	01 Dec 2025 21:39	YP\AJ	Ok
24	Q3733-01	FE057111.D	01 Dec 2025 22:09	YP\AJ	Dilution
25	Q3733-02	FE057112.D	01 Dec 2025 22:39	YP\AJ	Dilution
26	Q3740-01	FE057113.D	01 Dec 2025 23:09	YP\AJ	Ok
27	I.BLK	FE057114.D	02 Dec 2025 00:10	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE057115.D	02 Dec 2025 00:40	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE112725AL

Review By	rahul	Review On	11/26/2025 3:46:33 PM
Supervise By	mohammad	Supervise On	12/2/2025 12:49:44 AM
SubDirectory	FE112725AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE057077.D	27 Nov 2025 11:16		YP\AJ	Ok
2	I.BLK	I.BLK	FE057078.D	27 Nov 2025 11:47		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE057079.D	27 Nov 2025 12:17		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE057080.D	27 Nov 2025 12:47		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057081.D	27 Nov 2025 13:17		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE057082.D	27 Nov 2025 13:47		YP\AJ	Ok,M
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE057083.D	27 Nov 2025 14:17		YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057084.D	27 Nov 2025 14:47		YP\AJ	Ok
9	I.BLK	I.BLK	FE057085.D	27 Nov 2025 15:48		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057086.D	27 Nov 2025 16:18		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM
SubDirectory	FE120125AL	HP Acquire Method	HP Processing Method FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE057088.D	01 Dec 2025 10:06		YPIAJ	Ok
2	I.BLK	I.BLK	FE057089.D	01 Dec 2025 10:36		YPIAJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057090.D	01 Dec 2025 11:38		YPIAJ	Ok
4	Q3714-02DL	OR-03-11-24-2025DL	FE057091.D	01 Dec 2025 12:08		YPIAJ	Ok
5	Q3723-01DL	CC-1-112525DL	FE057092.D	01 Dec 2025 12:38		YPIAJ	Ok
6	Q3723-02DL	CC-1-112525-E2DL	FE057093.D	01 Dec 2025 13:08		YPIAJ	Ok
7	Q3719-01DL	SB-1125-10ADL	FE057094.D	01 Dec 2025 13:38		YPIAJ	Ok
8	Q3714-01DL	OR-03-11-24-2025DL	FE057095.D	01 Dec 2025 14:08		YPIAJ	Ok
9	I.BLK	I.BLK	FE057096.D	01 Dec 2025 14:38		YPIAJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057097.D	01 Dec 2025 15:08		YPIAJ	Ok
11	PB170764BL	PB170764BL	FE057098.D	01 Dec 2025 15:38		YPIAJ	Ok
12	PB170764BS	PB170764BS	FE057099.D	01 Dec 2025 16:08		YPIAJ	Ok
13	PB170764BSD	PB170764BSD	FE057100.D	01 Dec 2025 16:39		YPIAJ	Ok
14	Q3719-06RE	SB-1125-12BRE	FE057101.D	01 Dec 2025 17:09	Surrogate Fail	YPIAJ	Confirms
15	Q3719-12RE	SB-1125-16BRE	FE057102.D	01 Dec 2025 17:39	Surrogate Fail	YPIAJ	Confirms
16	Q3719-13RE	SB-1125-17ARE	FE057103.D	01 Dec 2025 18:09	Surrogate Fail	YPIAJ	Confirms
17	Q3719-14RE	SB-1125-17BRE	FE057104.D	01 Dec 2025 18:39	Surrogate Fail	YPIAJ	Confirms
18	Q3725-04	STOCKPILE-SAMPLES	FE057105.D	01 Dec 2025 19:09		YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE120125AL

Review By	rahul	Review On	12/1/2025 1:26:12 PM
Supervise By	mohammad	Supervise On	12/3/2025 12:24:27 AM
SubDirectory	FE120125AL	HP Acquire Method	HP Processing Method
			FE112725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM			
ICV/I.BLK	PP24769,PP24774		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3732-01	HD-01-11-26-2025	FE057106.D	01 Dec 2025 19:39		YP\AJ	Ok
20	Q3732-01D	Q3732-01D	FE057107.D	01 Dec 2025 20:09		YP\AJ	Ok
21	Q3732-01MS	HD-01-11-26-2025MS	FE057108.D	01 Dec 2025 20:39	FE057106.D	YP\AJ	Ok
22	Q3732-01MSD	HD-01-11-26-2025MSD	FE057109.D	01 Dec 2025 21:09	FE057106.D!FE057108.D	YP\AJ	Ok
23	Q3732-02	HD-01-11-26-2025-E2	FE057110.D	01 Dec 2025 21:39		YP\AJ	Ok
24	Q3733-01	SU-04-11-26-2025	FE057111.D	01 Dec 2025 22:09	Need 2X	YP\AJ	Dilution
25	Q3733-02	SU-04-11-26-2025-E2	FE057112.D	01 Dec 2025 22:39	Need 5X	YP\AJ	Dilution
26	Q3740-01	WC1	FE057113.D	01 Dec 2025 23:09		YP\AJ	Ok
27	I.BLK	I.BLK	FE057114.D	02 Dec 2025 00:10		YP\AJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE057115.D	02 Dec 2025 00:40		YP\AJ	Ok,M

M : Manual Integration

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A **Extraction Start Date :** 12/01/2025

Matrix : Solid **Extraction Start Time :** 09:20

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 12/01/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 13:20

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3988
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A **Envap ID:** N-EVAP-02

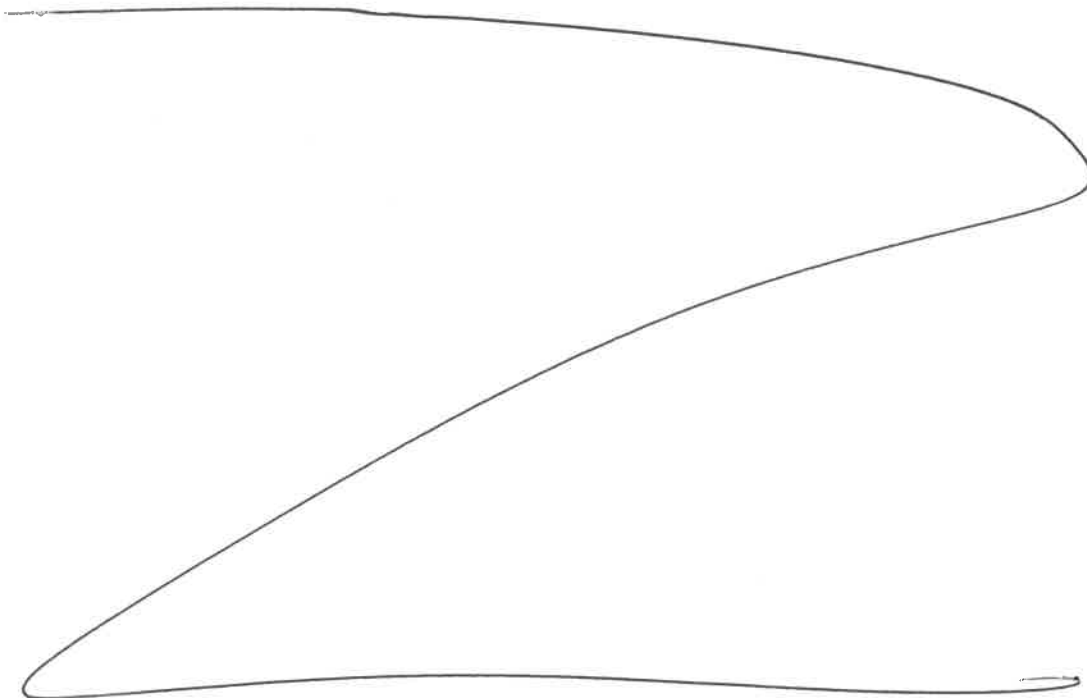
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/1/25	RS (Ext Lab)	DR. Pesh PCB Lab
13:25	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/01/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170764BL	PB170764BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U1-1
PB170764BS	PB170764BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB170764BSD	PB170764BSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q3725-04	STOCKPILE-SAMPLES	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		4
Q3732-01	HD-01-11-26-2025	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q3732-01DUP	HD-01-11-26-2025DUP	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		6
Q3732-01MS	HD-01-11-26-2025MS	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		U2-1
Q3732-01MSD	HD-01-11-26-2025MSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		2
Q3732-02	HD-01-11-26-2025-E2	EPH_NF	30.07	N/A	ritesh	Evelyn	2			3
Q3733-01	SU-04-11-26-2025	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q3733-02	SU-04-11-26-2025-E2	EPH_NF	30.01	N/A	ritesh	Evelyn	2			5
Q3740-01	WC1	EPH_NF	30.05	N/A	ritesh	Evelyn	2	B		6



Rs
12/1

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3735NF WorkList ID : 193390 Department : Extraction Date : 12-01-2025 08:45:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3725-04	STOCKPILE-SAMPLES	Solid	EPH_NF	Cool 4 deg C	ROMA02	D41	11/25/2025	NJEPH
Q3732-01	HD-01-11-26-2025	Solid	EPH_NF	Cool 4 deg C	PSEG05	A11	11/26/2025	NJEPH
Q3732-02	HD-01-11-26-2025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	A12	11/26/2025	NJEPH
Q3733-01	SU-04-11-26-2025	Solid	EPH_NF	Cool 4 deg C	PSEG05	A11	11/26/2025	NJEPH
Q3733-02	SU-04-11-26-2025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	A11	11/26/2025	NJEPH
Q3740-01	WC1	Solid	EPH_NF	Cool 4 deg C	GENV01	A11	11/26/2025	NJEPH

Date/Time 12/1/25 9:15
 Raw Sample Received by: RJ (Extra)
 Raw Sample Relinquished by: Cal SM

Date/Time 12/1/25 9:35
 Raw Sample Received by: Cal SM
 Raw Sample Relinquished by: RJ (Extra)



LAB CHRONICLE

OrderID:	Q3740	OrderDate:	11/26/2025 4:30:00 PM
Client:	G Environmental	Project:	Diamond
Contact:	Gary Landis	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	WC1	SOIL	PCB	8082A	11/26/25	12/01/25	12/01/25	11/26/25
			EPH_NF	NJEPH		12/01/25	12/01/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3740
Client: G Environmental

Order ID: Q3740
Project ID: Diamond

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q3740-02	WC1	TCLP	Arsenic	660		25.6	100	ug/L
Q3740-02	WC1	TCLP	Barium	514		72.8	500	ug/L
Q3740-02	WC1	TCLP	Cadmium	32.1		2.50	30.0	ug/L
Q3740-02	WC1	TCLP	Chromium	173000		10.6	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: WC1
Lab Sample ID: Q3740-02
Level (low/med): low

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3740
Matrix: TCLP
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	660		1	25.6	100	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-39-3	Barium	514	N	1	72.8	500	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-43-9	Cadmium	32.1		1	2.50	30.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-47-3	Chromium	173000		1	10.6	50.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	12/01/25 12:30	12/01/25 15:39	7470A	M7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB132	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	14:56	lb138068

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB44	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	15:04	lb138068
CCB45	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	15:37	lb138068
CCB46	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	16:08	lb138068
CCB47	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	16:26	lb138068

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	13:46	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	13:46	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	13:46	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	13:46	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	13:46	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	13:46	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	13:46	LB138072

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	14:34	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	14:34	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	14:34	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	14:34	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	14:34	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	14:34	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	14:34	LB138072
CCB02	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	15:31	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	15:31	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	15:31	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	15:31	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	15:31	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	15:31	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	15:31	LB138072
CCB03	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	16:38	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	16:38	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	16:38	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	16:38	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	16:38	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	16:38	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	16:38	LB138072
CCB04	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	17:29	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	17:29	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	17:29	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	17:29	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	17:29	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	17:29	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	17:29	LB138072
CCB05	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	18:20	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	18:20	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	18:20	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	18:20	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	18:20	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	18:20	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	18:20	LB138072
CCB06	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	19:11	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	19:11	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	19:11	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	19:11	LB138072



- 3a -

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	12/01/2025	19:11	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	19:11	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	19:11	LB138072
CCB07	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	19:28	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	19:28	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	19:28	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	19:28	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	19:28	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	19:28	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	19:28	LB138072

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	11:38	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	11:38	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	11:38	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	11:38	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	11:38	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	11:38	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	11:38	LB138085

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	12:14	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	12:14	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	12:14	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	12:14	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	12:14	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	12:14	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	12:14	LB138085
CCB02	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	13:17	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	13:17	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	13:17	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	13:17	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	13:17	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	13:17	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	13:17	LB138085
CCB03	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	14:15	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	14:15	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	14:15	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	14:15	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	14:15	LB138085
CCB04	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	15:20	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	15:20	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	15:20	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	15:20	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	15:20	LB138085
CCB05	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	16:09	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	16:09	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	16:09	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	16:09	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	16:09	LB138085
CCB06	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	16:59	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	16:59	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	16:59	LB138085

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	12/02/2025	16:59	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	16:59	LB138085

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170754TB		WATER		Batch Number:	PB170770		Prep Date:	12/01/2025	
	Mercury	0.76	<2	U	2.00	CV	12/01/2025	16:13	lb138068
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170770BL		WATER		Batch Number:	PB170770		Prep Date:	12/01/2025	
	Mercury	0.076	<0.2	U	0.20	CV	12/01/2025	15:19	lb138068

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3740

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170754TB		WATER		Batch Number:	PB170766		Prep Date:	12/01/2025	
	Arsenic	25.6	<50	U	100	P	12/02/2025	16:46	LB138085
	Barium	72.8	<250	U	500	P	12/02/2025	16:46	LB138085
	Cadmium	2.50	<15	U	30.0	P	12/02/2025	16:46	LB138085
	Chromium	24.4	<25	J	50.0	P	12/02/2025	16:46	LB138085
	Lead	11.5	<30	U	60.0	P	12/02/2025	16:46	LB138085
	Selenium	48.2	<50	U	100	P	12/02/2025	16:46	LB138085
	Silver	8.10	<25	U	50.0	P	12/02/2025	16:46	LB138085
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170766BL		WATER		Batch Number:	PB170766		Prep Date:	12/01/2025	
	Arsenic	25.6	<50	U	100	P	12/01/2025	16:52	LB138072
	Barium	72.8	<250	U	500	P	12/01/2025	16:52	LB138072
	Cadmium	2.50	<15	U	30.0	P	12/01/2025	16:52	LB138072
	Chromium	10.6	<25	U	50.0	P	12/01/2025	16:52	LB138072
	Lead	11.5	<30	U	60.0	P	12/01/2025	16:52	LB138072
	Selenium	48.2	<50	U	100	P	12/01/2025	16:52	LB138072
	Silver	8.10	<25	U	50.0	P	12/01/2025	16:52	LB138072



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV132	Mercury	3.68	4.0	92	90 - 110	CV	12/01/2025	14:54	1b138068

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV44	Mercury	4.92	5.0	98	90 - 110	CV	12/01/2025	15:02	1b138068
CCV45	Mercury	4.99	5.0	100	90 - 110	CV	12/01/2025	15:34	1b138068
CCV46	Mercury	4.99	5.0	100	90 - 110	CV	12/01/2025	16:06	1b138068
CCV47	Mercury	4.92	5.0	98	90 - 110	CV	12/01/2025	16:24	1b138068

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	4020	4000	101	90- 110	P	12/01/2025	13:16	LB138072
	Barium	7850	8000	98	90- 110	P	12/01/2025	13:16	LB138072
	Cadmium	1940	2000	97	90- 110	P	12/01/2025	13:16	LB138072
	Chromium	791	800	99	90- 110	P	12/01/2025	13:16	LB138072
	Lead	3830	4000	96	90- 110	P	12/01/2025	13:16	LB138072
	Selenium	4190	4000	105	90- 110	P	12/01/2025	13:16	LB138072
	Silver	1000	1000	100	90- 110	P	12/01/2025	13:16	LB138072

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	23.8	20.0	119	80 - 120	P	12/01/2025	13:42	LB138072
	Barium	105	100	105	80 - 120	P	12/01/2025	13:42	LB138072
	Cadmium	6.23	6.0	104	80 - 120	P	12/01/2025	13:42	LB138072
	Chromium	9.35	10.0	94	80 - 120	P	12/01/2025	13:42	LB138072
	Lead	11.5	12.0	96	80 - 120	P	12/01/2025	13:42	LB138072
	Selenium	20.6	20.0	103	80 - 120	P	12/01/2025	13:42	LB138072
	Silver	9.97	10.0	100	80 - 120	P	12/01/2025	13:42	LB138072

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3740

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5040	5000	101	90 - 110	P	12/01/2025	14:30	LB138072
	Barium	9960	10000	100	90 - 110	P	12/01/2025	14:30	LB138072
	Cadmium	2470	2500	99	90 - 110	P	12/01/2025	14:30	LB138072
	Chromium	994	1000	99	90 - 110	P	12/01/2025	14:30	LB138072
	Lead	4970	5000	100	90 - 110	P	12/01/2025	14:30	LB138072
	Selenium	5140	5000	103	90 - 110	P	12/01/2025	14:30	LB138072
	Silver	1270	1250	102	90 - 110	P	12/01/2025	14:30	LB138072
CCV02	Arsenic	4990	5000	100	90 - 110	P	12/01/2025	15:26	LB138072
	Barium	10200	10000	102	90 - 110	P	12/01/2025	15:26	LB138072
	Cadmium	2410	2500	97	90 - 110	P	12/01/2025	15:26	LB138072
	Chromium	958	1000	96	90 - 110	P	12/01/2025	15:26	LB138072
	Lead	4870	5000	98	90 - 110	P	12/01/2025	15:26	LB138072
	Selenium	5090	5000	102	90 - 110	P	12/01/2025	15:26	LB138072
	Silver	1250	1250	100	90 - 110	P	12/01/2025	15:26	LB138072
CCV03	Arsenic	5100	5000	102	90 - 110	P	12/01/2025	16:33	LB138072
	Barium	10000	10000	100	90 - 110	P	12/01/2025	16:33	LB138072
	Cadmium	2450	2500	98	90 - 110	P	12/01/2025	16:33	LB138072
	Chromium	995	1000	100	90 - 110	P	12/01/2025	16:33	LB138072
	Lead	4940	5000	99	90 - 110	P	12/01/2025	16:33	LB138072
	Selenium	5180	5000	104	90 - 110	P	12/01/2025	16:33	LB138072
	Silver	1270	1250	102	90 - 110	P	12/01/2025	16:33	LB138072
CCV04	Arsenic	5140	5000	103	90 - 110	P	12/01/2025	17:25	LB138072
	Barium	10500	10000	104	90 - 110	P	12/01/2025	17:25	LB138072
	Cadmium	2500	2500	100	90 - 110	P	12/01/2025	17:25	LB138072
	Chromium	1010	1000	100	90 - 110	P	12/01/2025	17:25	LB138072
	Lead	5050	5000	101	90 - 110	P	12/01/2025	17:25	LB138072
	Selenium	5140	5000	103	90 - 110	P	12/01/2025	17:25	LB138072
	Silver	1310	1250	105	90 - 110	P	12/01/2025	17:25	LB138072
CCV05	Arsenic	5110	5000	102	90 - 110	P	12/01/2025	18:16	LB138072
	Barium	9960	10000	100	90 - 110	P	12/01/2025	18:16	LB138072
	Cadmium	2500	2500	100	90 - 110	P	12/01/2025	18:16	LB138072
	Chromium	1030	1000	103	90 - 110	P	12/01/2025	18:16	LB138072
	Lead	5020	5000	100	90 - 110	P	12/01/2025	18:16	LB138072
	Selenium	5160	5000	103	90 - 110	P	12/01/2025	18:16	LB138072

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3740

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1300	1250	104	90 - 110	P	12/01/2025	18:16	LB138072
CCV06	Arsenic	5230	5000	105	90 - 110	P	12/01/2025	19:07	LB138072
	Barium	10300	10000	102	90 - 110	P	12/01/2025	19:07	LB138072
	Cadmium	2540	2500	102	90 - 110	P	12/01/2025	19:07	LB138072
	Chromium	1020	1000	102	90 - 110	P	12/01/2025	19:07	LB138072
	Lead	5110	5000	102	90 - 110	P	12/01/2025	19:07	LB138072
	Selenium	5320	5000	106	90 - 110	P	12/01/2025	19:07	LB138072
	Silver	1310	1250	105	90 - 110	P	12/01/2025	19:07	LB138072
CCV07	Arsenic	5410	5000	108	90 - 110	P	12/01/2025	19:24	LB138072
	Barium	10300	10000	103	90 - 110	P	12/01/2025	19:24	LB138072
	Cadmium	2630	2500	105	90 - 110	P	12/01/2025	19:24	LB138072
	Chromium	1040	1000	104	90 - 110	P	12/01/2025	19:24	LB138072
	Lead	5280	5000	106	90 - 110	P	12/01/2025	19:24	LB138072
	Selenium	5530	5000	110	90 - 110	P	12/01/2025	19:24	LB138072
	Silver	1340	1250	107	90 - 110	P	12/01/2025	19:24	LB138072

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3880	4000	97	90 - 110	P	12/02/2025	11:29	LB138085
	Barium	8280	8000	104	90 - 110	P	12/02/2025	11:29	LB138085
	Cadmium	1920	2000	96	90 - 110	P	12/02/2025	11:29	LB138085
	Chromium	781	800	98	90 - 110	P	12/02/2025	11:29	LB138085
	Lead	3790	4000	95	90 - 110	P	12/02/2025	11:29	LB138085
	Selenium	3970	4000	99	90 - 110	P	12/02/2025	11:29	LB138085
	Silver	1080	1000	108	90 - 110	P	12/02/2025	11:29	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	22.6	20.0	113	80 - 120	P	12/02/2025	11:34	LB138085
	Barium	104	100	104	80 - 120	P	12/02/2025	11:34	LB138085
	Cadmium	6.22	6.0	104	80 - 120	P	12/02/2025	11:34	LB138085
	Chromium	9.91	10.0	99	80 - 120	P	12/02/2025	11:34	LB138085
	Lead	11.3	12.0	94	80 - 120	P	12/02/2025	11:34	LB138085
	Selenium	18.8	20.0	94	80 - 120	P	12/02/2025	11:34	LB138085
	Silver	10.3	10.0	103	80 - 120	P	12/02/2025	11:34	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3740

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4950	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Barium	10200	10000	102	90 - 110	P	12/02/2025	12:10	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	12:10	LB138085
	Chromium	1000	1000	100	90 - 110	P	12/02/2025	12:10	LB138085
	Lead	4950	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Selenium	4980	5000	100	90 - 110	P	12/02/2025	12:10	LB138085
	Silver	1250	1250	100	90 - 110	P	12/02/2025	12:10	LB138085
CCV02	Arsenic	5050	5000	101	90 - 110	P	12/02/2025	13:13	LB138085
	Barium	9890	10000	99	90 - 110	P	12/02/2025	13:13	LB138085
	Cadmium	2500	2500	100	90 - 110	P	12/02/2025	13:13	LB138085
	Chromium	1020	1000	102	90 - 110	P	12/02/2025	13:13	LB138085
	Lead	5020	5000	100	90 - 110	P	12/02/2025	13:13	LB138085
	Selenium	5180	5000	104	90 - 110	P	12/02/2025	13:13	LB138085
	Silver	1280	1250	103	90 - 110	P	12/02/2025	13:13	LB138085
CCV03	Arsenic	5040	5000	101	90 - 110	P	12/02/2025	14:11	LB138085
	Barium	10100	10000	102	90 - 110	P	12/02/2025	14:11	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	14:11	LB138085
	Chromium	987	1000	99	90 - 110	P	12/02/2025	14:11	LB138085
	Lead	4970	5000	100	90 - 110	P	12/02/2025	14:11	LB138085
	Selenium	5230	5000	105	90 - 110	P	12/02/2025	14:11	LB138085
	Silver	1260	1250	100	90 - 110	P	12/02/2025	14:11	LB138085
CCV04	Arsenic	5140	5000	103	90 - 110	P	12/02/2025	15:15	LB138085
	Barium	10500	10000	105	90 - 110	P	12/02/2025	15:15	LB138085
	Cadmium	2500	2500	100	90 - 110	P	12/02/2025	15:15	LB138085
	Chromium	990	1000	99	90 - 110	P	12/02/2025	15:15	LB138085
	Lead	5050	5000	101	90 - 110	P	12/02/2025	15:15	LB138085
	Selenium	5330	5000	107	90 - 110	P	12/02/2025	15:15	LB138085
	Silver	1280	1250	102	90 - 110	P	12/02/2025	15:15	LB138085
CCV05	Arsenic	5040	5000	101	90 - 110	P	12/02/2025	16:05	LB138085
	Barium	10600	10000	106	90 - 110	P	12/02/2025	16:05	LB138085
	Cadmium	2460	2500	98	90 - 110	P	12/02/2025	16:05	LB138085
	Chromium	968	1000	97	90 - 110	P	12/02/2025	16:05	LB138085
	Lead	4950	5000	99	90 - 110	P	12/02/2025	16:05	LB138085
	Selenium	5220	5000	104	90 - 110	P	12/02/2025	16:05	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3740

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1250	1250	100	90 - 110	P	12/02/2025	16:05	LB138085
CCV06	Arsenic	5050	5000	101	90 - 110	P	12/02/2025	16:55	LB138085
	Barium	10400	10000	104	90 - 110	P	12/02/2025	16:55	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	16:55	LB138085
	Chromium	983	1000	98	90 - 110	P	12/02/2025	16:55	LB138085
	Lead	5000	5000	100	90 - 110	P	12/02/2025	16:55	LB138085
	Selenium	5220	5000	104	90 - 110	P	12/02/2025	16:55	LB138085
	Silver	1260	1250	101	90 - 110	P	12/02/2025	16:55	LB138085



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	22.7	20.0	114	65 - 135	P	12/01/2025	13:50	LB138072
	Barium	102	100	102	65 - 135	P	12/01/2025	13:50	LB138072
	Cadmium	6.21	6.0	104	65 - 135	P	12/01/2025	13:50	LB138072
	Chromium	9.87	10.0	99	65 - 135	P	12/01/2025	13:50	LB138072
	Lead	13.2	12.0	110	65 - 135	P	12/01/2025	13:50	LB138072
	Selenium	22.4	20.0	112	65 - 135	P	12/01/2025	13:50	LB138072
	Silver	10.2	10.0	102	65 - 135	P	12/01/2025	13:50	LB138072
CRA	Mercury	0.15	0.2	73	70 - 130	CV	12/01/2025	15:09	lb138068
CRI01	Arsenic	20.2	20.0	101	65 - 135	P	12/02/2025	11:42	LB138085
	Barium	102	100	102	65 - 135	P	12/02/2025	11:42	LB138085
	Cadmium	6.34	6.0	106	65 - 135	P	12/02/2025	11:42	LB138085
	Chromium	10.6	10.0	106	65 - 135	P	12/02/2025	11:42	LB138085
	Lead	10.2	12.0	85	65 - 135	P	12/02/2025	11:42	LB138085
	Selenium	19.3	20.0	96	65 - 135	P	12/02/2025	11:42	LB138085
	Silver	10.1	10.0	101	65 - 135	P	12/02/2025	11:42	LB138085

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q3740</u>
Contract: <u>GENV01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	4.50			-20	20	12/01/2025	13:55	LB138072
	Barium	4.98	6.0	83	-94	106	12/01/2025	13:55	LB138072
	Cadmium	4.78	1.0	478	-5	7	12/01/2025	13:55	LB138072
	Chromium	59.8	52.0	115	42	62	12/01/2025	13:55	LB138072
	Lead	2.07			-12	12	12/01/2025	13:55	LB138072
	Selenium	-14.4			-20	20	12/01/2025	13:55	LB138072
	Silver	-8.77			-10	10	12/01/2025	13:55	LB138072
ICSAB01	Arsenic	106	104	102	88.4	120	12/01/2025	14:09	LB138072
	Barium	515	537	96	437	637	12/01/2025	14:09	LB138072
	Cadmium	979	972	101	826	1120	12/01/2025	14:09	LB138072
	Chromium	528	542	97	460	624	12/01/2025	14:09	LB138072
	Lead	53.1	49.0	108	37	61	12/01/2025	14:09	LB138072
	Selenium	41.4	46.0	90	26	66	12/01/2025	14:09	LB138072
	Silver	174	201	87	170	232	12/01/2025	14:09	LB138072
ICSA01	Arsenic	2.54			-20	20	12/02/2025	11:52	LB138085
	Barium	4.18	6.0	70	-94	106	12/02/2025	11:52	LB138085
	Cadmium	4.20	1.0	420	-5	7	12/02/2025	11:52	LB138085
	Chromium	46.6	52.0	90	42	62	12/02/2025	11:52	LB138085
	Lead	5.64			-12	12	12/02/2025	11:52	LB138085
	Selenium	-2.16			-20	20	12/02/2025	11:52	LB138085
	Silver	8.41			-10	10	12/02/2025	11:52	LB138085
ICSAB01	Arsenic	108	104	104	88.4	120	12/02/2025	11:57	LB138085
	Barium	500	537	93	437	637	12/02/2025	11:57	LB138085
	Cadmium	1000	972	103	826	1120	12/02/2025	11:57	LB138085
	Chromium	538	542	99	460	624	12/02/2025	11:57	LB138085
	Lead	52.6	49.0	107	37	61	12/02/2025	11:57	LB138085
	Selenium	41.4	46.0	90	26	66	12/02/2025	11:57	LB138085
	Silver	185	201	92	170	232	12/02/2025	11:57	LB138085



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3740</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3736-02</u>	client id: <u>D1MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3736-02MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4000		100	U	4000	100		P
Barium	ug/L	75 - 125	3240		3230		1000	1	N	P
Cadmium	ug/L	75 - 125	938		9.28	J	1000	93		P
Chromium	ug/L	75 - 125	2010		165		2000	92		P
Lead	ug/L	75 - 125	4760		267		5000	90		P
Mercury	ug/L	75 - 125	35.1		2.00	U	40.0	88		CV
Selenium	ug/L	75 - 125	10100		100	U	10000	101		P
Silver	ug/L	75 - 125	358		50.0	U	380	94		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3740</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3736-02</u>	client id: <u>D1MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3736-02MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3930		100	U	4000	98		P
Barium	ug/L	75 - 125	3640		3230		1000	40	N	P
Cadmium	ug/L	75 - 125	932		9.28	J	1000	92		P
Chromium	ug/L	75 - 125	1920		165		2000	88		P
Lead	ug/L	75 - 125	4740		267		5000	90		P
Mercury	ug/L	75 - 125	38.5		2.00	U	40.0	96		CV
Selenium	ug/L	75 - 125	10000		100	U	10000	100		P
Silver	ug/L	75 - 125	351		50.0	U	380	92		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Matrix: Water

Level: LOW

Client ID: D1A

Sample ID: Q3736-02

Spiked ID: Q3736-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	4290		3230		1000	105		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3740</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3736-02</u>	Client ID:	<u>D1DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3736-02DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	3230		3310		2		P
Cadmium	ug/L	20	9.28	J	9.57	J	3		P
Chromium	ug/L	20	165		162		2		P
Lead	ug/L	20	267		265		1		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3740</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3736-02MS</u>	Client ID:	<u>D1MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3736-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4000		3930		2		P
Barium	ug/L	20	3240		3640		12		P
Cadmium	ug/L	20	938		932		1		P
Chromium	ug/L	20	2010		1920		5		P
Lead	ug/L	20	4760		4740		0		P
Mercury	ug/L	20	35.1		38.5		9		CV
Selenium	ug/L	20	10100		10000		1		P
Silver	ug/L	20	358		351		2		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170766BS							
Arsenic	ug/L	4000	4120		103	80 - 120	P
Barium	ug/L	1000	1080		108	80 - 120	P
Cadmium	ug/L	1000	1010		101	80 - 120	P
Chromium	ug/L	2000	2060		103	80 - 120	P
Lead	ug/L	5000	5010		100	80 - 120	P
Selenium	ug/L	10000	10400		104	80 - 120	P
Silver	ug/L	380	401		106	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170770BS Mercury	ug/L	4.0	3.77		94	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

DIL

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb138072 **Lab Sample ID :** Q3736-02L **SDG No.:** Q3740
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence		Q	M
Arsenic	100	U	500	U				P
Barium	3230		3230		0			P
Cadmium	9.28	J	150	U	100.0			P
Chromium	165		167	J	1			P
Lead	267		279	J	4			P
Mercury	2.00	U	10.0	U				CV
Selenium	100	U	500	U				P
Silver	50.0	U	250	U				P

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3740

Instrument id number: _____

Method: _____

Run number: lb138068

Start date: 12/01/2025

End date: 12/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1438	HG
S0.2	S0.2	1	1441	HG
S2.5	S2.5	1	1443	HG
S5	S5	1	1445	HG
S7.5	S7.5	1	1447	HG
S10	S10	1	1450	HG
ICV132	ICV132	1	1454	HG
ICB132	ICB132	1	1456	HG
CCV44	CCV44	1	1502	HG
CCB44	CCB44	1	1504	HG
CRA	CRA	1	1509	HG
PB170770BL	PB170770BL	1	1519	HG
PB170770BS	PB170770BS	1	1521	HG
Q3736-02DUP	D1DUP	1	1528	HG
Q3736-02MS	D1MS	1	1530	HG
Q3736-02MSD	D1MSD	1	1532	HG
CCV45	CCV45	1	1534	HG
CCB45	CCB45	1	1537	HG
Q3740-02	WC1	1	1539	HG
CCV46	CCV46	1	1606	HG
CCB46	CCB46	1	1608	HG
PB170754TB	PB170754TB	1	1613	HG
Q3736-02L	D1L	5	1615	HG
CCV47	CCV47	1	1624	HG
CCB47	CCB47	1	1626	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3740

Instrument id number: _____

Method: _____

Run number: LB138072

Start date: 12/01/2025

End date: 12/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1235	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1239	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1243	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1247	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1251	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1256	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1316	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1342	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1346	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1350	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1355	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1409	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1430	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1434	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1526	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1531	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02DUP	D1DUP	1	1558	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02L	D1L	5	1611	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02MS	D1MS	1	1616	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02MSD	D1MSD	1	1620	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02A	D1A	1	1624	Ba
Q3740-02	WC1	1	1628	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1633	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1638	Ag,As,Ba,Cd,Cr,Pb,Se
PB170766BL	PB170766BL	1	1652	Ag,As,Ba,Cd,Cr,Pb,Se
PB170766BS	PB170766BS	1	1656	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1725	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1729	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1816	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1820	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1907	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1911	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1924	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1928	Ag,As,Ba,Cd,Cr,Pb,Se

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3740

Instrument id number: _____

Method: _____

Run number: LB138085

Start date: 12/02/2025

End date: 12/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1104	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1108	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1112	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1116	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1121	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1125	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1129	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1134	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1138	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1142	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1152	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1157	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1210	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1214	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1313	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1317	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1411	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1415	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1515	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1520	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1605	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1609	Ag,As,Ba,Cd,Cr,Pb,Se
PB170754TB	PB170754TB	1	1646	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1659	Ag,As,Ba,Cd,Cr,Pb,Se



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q3740	OrderDate:	11/26/2025 4:30:00 PM
Client:	G Environmental	Project:	Diamond
Contact:	Gary Landis	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	WC1	SOIL			11/26/25			11/26/25
			Mercury	7471B		12/01/25	12/02/25	
			Metals ICP-TAL	6010D		12/01/25	12/01/25	
			Metals ICP-TAL	6010D		12/01/25	12/02/25	
Q3740-02	WC1	TCLP			11/26/25			11/26/25
			TCLP ICP Metals	6010D		12/01/25	12/01/25	
			TCLP Mercury	7470A		12/01/25	12/01/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170766							
PB170754TB	PB170754TB	MB	WATER	12/01/2025	5.0	25.0	
PB170766BL	PB170766BL	MB	WATER	12/01/2025	5.0	25.0	
PB170766BS	PB170766BS	LCS	WATER	12/01/2025	5.0	25.0	
Q3736-02DUP	D1DUP	DUP	WATER	12/01/2025	5.0	25.0	
Q3736-02MS	D1MS	MS	WATER	12/01/2025	5.0	25.0	
Q3736-02MSD	D1MSD	MSD	WATER	12/01/2025	5.0	25.0	
Q3740-02	WC1	SAM	WATER	12/01/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q3740

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170770							
PB170754TB	PB170754TB	MB	WATER	12/01/2025	3.0	30.0	
PB170770BL	PB170770BL	MB	WATER	12/01/2025	30.0	30.0	
PB170770BS	PB170770BS	LCS	WATER	12/01/2025	30.0	30.0	
Q3736-02DUP	D1DUP	DUP	WATER	12/01/2025	3.0	30.0	
Q3736-02MS	D1MS	MS	WATER	12/01/2025	3.0	30.0	
Q3736-02MSD	D1MSD	MSD	WATER	12/01/2025	3.0	30.0	
Q3740-02	WC1	SAM	WATER	12/01/2025	3.0	30.0	

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138068

Review By	mohan	Review On	12/3/2025 8:01:09 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:48 PM
STD. NAME	STD REF.#		
ICAL Standard	mp88136,mp88138,mp88139,mp88140,mp88141,mp88142		
ICV Standard	mp88143		
CCV Standard	mp88145		
ICSA Standard			
CRI Standard	mp88147		
LCS Standard			
Chk Standard	mp88144,mp88146,mp88148,mp88150		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/01/25 14:38		Sagar	OK
2	S0.2	S0.2	CAL2	12/01/25 14:41		Sagar	OK
3	S2.5	S2.5	CAL3	12/01/25 14:43		Sagar	OK
4	S5	S5	CAL4	12/01/25 14:45		Sagar	OK
5	S7.5	S7.5	CAL5	12/01/25 14:47		Sagar	OK
6	S10	S10	CAL6	12/01/25 14:50		Sagar	OK
7	ICV132	ICV132	ICV	12/01/25 14:54		Sagar	OK
8	ICB132	ICB132	ICB	12/01/25 14:56		Sagar	OK
9	CCV44	CCV44	CCV	12/01/25 15:02		Sagar	OK
10	CCB44	CCB44	CCB	12/01/25 15:04		Sagar	OK
11	CRA	CRA	CRDL	12/01/25 15:09		Sagar	OK
12	HighStd	HighStd	HIGH STD	12/01/25 15:11		Sagar	OK
13	ChkStd	ChkStd	SAM	12/01/25 15:14		Sagar	OK
14	PB170770BL	PB170770BL	MB	12/01/25 15:19		Sagar	OK
15	PB170770BS	PB170770BS	LCS	12/01/25 15:21		Sagar	OK
16	Q3731-02	W1	SAM	12/01/25 15:23		Sagar	OK
17	Q3736-02	D1	SAM	12/01/25 15:25		Sagar	OK
18	Q3736-02DUP	D1DUP	DUP	12/01/25 15:28		Sagar	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138068

Review By	mohan	Review On	12/3/2025 8:01:09 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:48 PM
STD. NAME	STD REF.#		
ICAL Standard	mp88136,mp88138,mp88139,mp88140,mp88141,mp88142		
ICV Standard	mp88143		
CCV Standard	mp88145		
ICSA Standard			
CRI Standard	mp88147		
LCS Standard			
Chk Standard	mp88144,mp88146,mp88148,mp88150		

19	Q3736-02MS	D1MS	MS	12/01/25 15:30		Sagar	OK
20	Q3736-02MSD	D1MSD	MSD	12/01/25 15:32		Sagar	OK
21	CCV45	CCV45	CCV	12/01/25 15:34		Sagar	OK
22	CCB45	CCB45	CCB	12/01/25 15:37		Sagar	OK
23	Q3740-02	WC1	SAM	12/01/25 15:39		Sagar	OK
24	PB170772BL	PB170772BL	MB	12/01/25 15:41		Sagar	OK
25	PB170772BS	PB170772BS	LCS	12/01/25 15:44		Sagar	OK
26	Q3731-01	W1	SAM	12/01/25 15:51		Sagar	OK
27	Q3731-01DUP	W1DUP	DUP	12/01/25 15:56		Sagar	OK
28	Q3731-01MS	W1MS	MS	12/01/25 16:01		Sagar	OK
29	Q3731-01MSD	W1MSD	MSD	12/01/25 16:04		Sagar	OK
30	CCV46	CCV46	CCV	12/01/25 16:06		Sagar	OK
31	CCB46	CCB46	CCB	12/01/25 16:08		Sagar	OK
32	PB170754TB	PB170754TB	MB	12/01/25 16:13		Sagar	OK
33	Q3736-02L	D1L	SD	12/01/25 16:15		Sagar	OK
34	Q3736-02A	D1A	PS	12/01/25 16:17		Sagar	OK
35	Q3731-01L	W1L	SD	12/01/25 16:19		Sagar	OK
36	Q3731-01A	W1A	PS	12/01/25 16:22		Sagar	OK
37	CCV47	CCV47	CCV	12/01/25 16:24		Sagar	OK
38	CCB47	CCB47	CCB	12/01/25 16:26		Sagar	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/01/25 12:35		Jaswal	OK
2	S1	S1	CAL2	12/01/25 12:39		Jaswal	OK
3	S2	S2	CAL3	12/01/25 12:43		Jaswal	OK
4	S3	S3	CAL4	12/01/25 12:47		Jaswal	OK
5	S4	S4	CAL5	12/01/25 12:51		Jaswal	OK
6	S5	S5	CAL6	12/01/25 12:56		Jaswal	OK
7	ICV01	ICV01	ICV	12/01/25 13:16		Jaswal	OK
8	LLICV01	LLICV01	LLICV	12/01/25 13:42		Jaswal	OK
9	ICB01	ICB01	ICB	12/01/25 13:46		Jaswal	OK
10	CRI01	CRI01	CRDL	12/01/25 13:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	12/01/25 13:55		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	12/01/25 14:09		Jaswal	OK
13	ICSADL	ICSADL	ICSA	12/01/25 14:13		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	12/01/25 14:17		Jaswal	OK
15	CCV01	CCV01	CCV	12/01/25 14:30		Jaswal	OK
16	CCB01	CCB01	CCB	12/01/25 14:34		Jaswal	OK
17	Q3731-01	W1	SAM	12/01/25 14:38		Jaswal	OK
18	Q3731-02	W1	SAM	12/01/25 14:43		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

19	PB170769BL	PB170769BL	MB	12/01/25 14:47		Jaswal	OK
20	PB170769BS	PB170769BS	LCS	12/01/25 14:51		Jaswal	OK
21	Q3642-01	EFFLUENT-DAY-1-M	SAM	12/01/25 14:55		Jaswal	OK
22	Q3642-01L	EFFLUENT-DAY-1-M	SD	12/01/25 15:04		Jaswal	OK
23	Q3642-01MS	EFFLUENT-DAY-1-M	MS	12/01/25 15:08		Jaswal	OK
24	Q3642-01MSD	EFFLUENT-DAY-1-M	MSD	12/01/25 15:13		Jaswal	OK
25	Q3642-01A	EFFLUENT-DAY-1-M	PS	12/01/25 15:17	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
26	Q3642-01DUP	EFFLUENT-DAY-1-M	DUP	12/01/25 15:21		Jaswal	OK
27	CCV02	CCV02	CCV	12/01/25 15:26		Jaswal	OK
28	CCB02	CCB02	CCB	12/01/25 15:31		Jaswal	OK
29	LR-2	LR-2	HIGH STD	12/01/25 15:40		Jaswal	OK
30	LR-1	LR-1	HIGH STD	12/01/25 15:49		Jaswal	OK
31	Q3736-02	D1	SAM	12/01/25 15:53		Jaswal	OK
32	Q3736-02DUP	D1DUP	DUP	12/01/25 15:58		Jaswal	OK
33	LR-3	LR-3	HIGH STD	12/01/25 16:07		Jaswal	OK
34	Q3736-02L	D1L	SD	12/01/25 16:11		Jaswal	OK
35	Q3736-02MS	D1MS	MS	12/01/25 16:16		Jaswal	OK
36	Q3736-02MSD	D1MSD	MSD	12/01/25 16:20		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

37	Q3736-02A	D1A	PS	12/01/25 16:24	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
38	Q3740-02	WC1	SAM	12/01/25 16:28		Jaswal	OK
39	CCV03	CCV03	CCV	12/01/25 16:33		Jaswal	OK
40	CCB03	CCB03	CCB	12/01/25 16:38		Jaswal	OK
41	PB170766BL	PB170766BL	MB	12/01/25 16:52		Jaswal	OK
42	PB170766BS	PB170766BS	LCS	12/01/25 16:56		Jaswal	OK
43	PB170767BL	PB170767BL	MB	12/01/25 17:00		Jaswal	OK
44	PB170767BS	PB170767BS	LCS	12/01/25 17:04		Jaswal	OK
45	PB170768BL	PB170768BL	MB	12/01/25 17:08		Jaswal	OK
46	PB170768BS	PB170768BS	LCS	12/01/25 17:13		Jaswal	OK
47	Q3725-04DL	STOCKPILE-SAMPLE	SAM	12/01/25 17:17		Jaswal	OK
48	Q3732-01DL	HD-01-11-26-2025DL	SAM	12/01/25 17:21		Jaswal	OK
49	CCV04	CCV04	CCV	12/01/25 17:25		Jaswal	OK
50	CCB04	CCB04	CCB	12/01/25 17:29		Jaswal	OK
51	Q3733-01DL	SU-04-11-26-2025DL	SAM	12/01/25 17:34		Jaswal	OK
52	Q3735-01DL	BU-3-112625DL	SAM	12/01/25 17:38		Jaswal	OK
53	Q3736-01DL	D1DL	SAM	12/01/25 17:42		Jaswal	OK
54	Q3736-02DL	D1DL	SAM	12/01/25 17:46	NOT USE	Jaswal	Not Ok
55	Q3739-01DL	GSB1ADL	SAM	12/01/25 17:50		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

56	Q3739-02DL	GSB1BDL	SAM	12/01/25 17:55	Cr High	Jaswal	Dilution
57	Q3739-03DL	GSB2ADL	SAM	12/01/25 17:59		Jaswal	OK
58	Q3739-04DL	GSB2BDL	SAM	12/01/25 18:03		Jaswal	OK
59	Q3740-01DL	WC1DL	SAM	12/01/25 18:07	Cr High	Jaswal	Dilution
60	Q3740-01DUPDL	WC1DUPDL	DUP	12/01/25 18:12	Cr High	Jaswal	Dilution
61	CCV05	CCV05	CCV	12/01/25 18:16		Jaswal	OK
62	CCB05	CCB05	CCB	12/01/25 18:20		Jaswal	OK
63	Q3740-01LDL	WC1LDL	SD	12/01/25 18:25		Jaswal	OK
64	Q3740-01MSDL	WC1MSDL	MS	12/01/25 18:29	Cr High	Jaswal	Dilution
65	Q3740-01MSDDL	WC1MSDDL	MSD	12/01/25 18:33	Cr High	Jaswal	Dilution
66	Q3740-01ADL	WC1ADL	PS	12/01/25 18:37	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
67	Q3737-01	MW3	SAM	12/01/25 18:42		Jaswal	OK
68	Q3737-02	MW4	SAM	12/01/25 18:46		Jaswal	OK
69	Q3737-02DUP	MW4DUP	DUP	12/01/25 18:50		Jaswal	OK
70	Q3737-02L	MW4L	SD	12/01/25 18:55		Jaswal	OK
71	Q3737-02MS	MW4MS	MS	12/01/25 18:59		Jaswal	OK
72	Q3737-02MSD	MW4MSD	MSD	12/01/25 19:03		Jaswal	OK
73	CCV06	CCV06	CCV	12/01/25 19:07		Jaswal	OK
74	CCB06	CCB06	CCB	12/01/25 19:11		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

75	Q3737-02A	MW4A	PS	12/01/25 19:16	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
76	Q3740-02DL	WC1DL	SAM	12/01/25 19:20	Not Use	Jaswal	Not Ok
77	CCV07	CCV07	CCV	12/01/25 19:24		Jaswal	OK
78	CCB07	CCB07	CCB	12/01/25 19:28		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/02/25 11:04		Jaswal	OK
2	S1	S1	CAL2	12/02/25 11:08		Jaswal	OK
3	S2	S2	CAL3	12/02/25 11:12		Jaswal	OK
4	S3	S3	CAL4	12/02/25 11:16		Jaswal	OK
5	S4	S4	CAL5	12/02/25 11:21		Jaswal	OK
6	S5	S5	CAL6	12/02/25 11:25		Jaswal	OK
7	ICV01	ICV01	ICV	12/02/25 11:29		Jaswal	OK
8	LLICV01	LLICV01	LLICV	12/02/25 11:34		Jaswal	OK
9	ICB01	ICB01	ICB	12/02/25 11:38		Jaswal	OK
10	CRI01	CRI01	CRDL	12/02/25 11:42		Jaswal	OK
11	ICSA01	ICSA01	ICSA	12/02/25 11:52		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	12/02/25 11:57		Jaswal	OK
13	ICSADL	ICSADL	ICSA	12/02/25 12:01		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	12/02/25 12:05		Jaswal	OK
15	CCV01	CCV01	CCV	12/02/25 12:10		Jaswal	OK
16	CCB01	CCB01	CCB	12/02/25 12:14		Jaswal	OK
17	Q3739-01DL2	GSB1ADL2	SAM	12/02/25 12:19	NOT USE	Jaswal	Not Ok
18	Q3739-02DL2	GSB1BDL2	SAM	12/02/25 12:23	25x for Cr	Jaswal	Confirms

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

19	Q3740-01DL2	WC1DL2	SAM	12/02/25 12:27	25x for Cr	Jaswal	Confirms
20	Q3740-01DUPDL2	WC1DUPDL2	DUP	12/02/25 12:31	25x for Cr	Jaswal	Confirms
21	Q3740-01LDL2	WC1LDL2	SD	12/02/25 12:36	Not Required	Jaswal	Not Ok
22	Q3740-01MSDL2	WC1MSDL2	MS	12/02/25 12:40	25x for Cr	Jaswal	Confirms
23	Q3740-01MSDDL2	WC1MSDDL2	MSD	12/02/25 12:44	25x for Cr	Jaswal	Confirms
24	Q3740-01ADL2	WC1ADL2	PS	12/02/25 12:48	Not Required (0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE BEFORE DILUTION)	Jaswal	Not Ok
25	LR-2	LR-2	HIGH STD	12/02/25 12:57		Jaswal	OK
26	LR-1	LR-1	HIGH STD	12/02/25 13:08		Jaswal	OK
27	CCV02	CCV02	CCV	12/02/25 13:13		Jaswal	OK
28	CCB02	CCB02	CCB	12/02/25 13:17		Jaswal	OK
29	LR-3	LR-3	HIGH STD	12/02/25 13:21		Jaswal	OK
30	PB170777BL	PB170777BL	MB	12/02/25 13:26		Jaswal	OK
31	PB170777BS	PB170777BS	LCS	12/02/25 13:30		Jaswal	OK
32	PB170778BL	PB170778BL	MB	12/02/25 13:34		Jaswal	OK
33	PB170778BS	PB170778BS	LCS	12/02/25 13:39		Jaswal	OK
34	Q3746-01	ROW	SAM	12/02/25 13:51		Jaswal	OK
35	Q3748-01	AU-05-12-1-2025	SAM	12/02/25 13:55		Jaswal	OK
36	Q3750-04	FENCE WC-2	SAM	12/02/25 13:59		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

37	Q3741-01	B50-SP3-111925	SAM	12/02/25 14:03		Jaswal	OK
38	Q3741-02	B50-SP13-112025	SAM	12/02/25 14:07		Jaswal	OK
39	CCV03	CCV03	CCV	12/02/25 14:11		Jaswal	OK
40	CCB03	CCB03	CCB	12/02/25 14:15		Jaswal	OK
41	Q3741-03	B50-SP14-112025	SAM	12/02/25 14:24		Jaswal	OK
42	Q3741-04	B50-SP9-112425	SAM	12/02/25 14:28		Jaswal	OK
43	Q3741-05	B50-SP11-112525	SAM	12/02/25 14:33		Jaswal	OK
44	Q3741-06	B50-SP4-112525	SAM	12/02/25 14:47		Jaswal	OK
45	Q3750-01	FENCE WC-1	SAM	12/02/25 14:51		Jaswal	OK
46	Q3750-01DUP	FENCE WC-1DUP	DUP	12/02/25 14:55		Jaswal	OK
47	Q3750-01L	FENCE WC-1L	SD	12/02/25 14:59		Jaswal	OK
48	Q3750-01MS	FENCE WC-1MS	MS	12/02/25 15:03		Jaswal	OK
49	Q3750-01MSD	FENCE WC-1MSD	MSD	12/02/25 15:07		Jaswal	OK
50	Q3750-01A	FENCE WC-1A	PS	12/02/25 15:11	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
51	CCV04	CCV04	CCV	12/02/25 15:15		Jaswal	OK
52	CCB04	CCB04	CCB	12/02/25 15:20		Jaswal	OK
53	Q3742-01	SB-1125-23	SAM	12/02/25 15:24		Jaswal	OK
54	Q3742-02	SB-1125-19	SAM	12/02/25 15:28		Jaswal	OK
55	Q3742-03	SB-1125-8	SAM	12/02/25 15:33		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

56	Q3742-04	SB-1125-9	SAM	12/02/25 15:37		Jaswal	OK
57	Q3742-05	SB-1125-21	SAM	12/02/25 15:41		Jaswal	OK
58	Q3742-06	SB-1125-13	SAM	12/02/25 15:45		Jaswal	OK
59	Q3742-07	SB-1125-18	SAM	12/02/25 15:49		Jaswal	OK
60	Q3742-08	SB-1125-20	SAM	12/02/25 15:53		Jaswal	OK
61	Q3742-09	SB-1125-22	SAM	12/02/25 15:57		Jaswal	OK
62	Q3742-10	SB-1125-2	SAM	12/02/25 16:01		Jaswal	OK
63	CCV05	CCV05	CCV	12/02/25 16:05		Jaswal	OK
64	CCB05	CCB05	CCB	12/02/25 16:09		Jaswal	OK
65	Q3742-16	SB-1125-1	SAM	12/02/25 16:14		Jaswal	OK
66	Q3742-17	SB-1125-25	SAM	12/02/25 16:18		Jaswal	OK
67	Q3742-18	SB-1125-24	SAM	12/02/25 16:22		Jaswal	OK
68	Q3742-18DUP	SB-1125-24DUP	DUP	12/02/25 16:26		Jaswal	OK
69	Q3742-18L	SB-1125-24L	SD	12/02/25 16:30		Jaswal	OK
70	Q3742-18MS	SB-1125-24MS	MS	12/02/25 16:34		Jaswal	OK
71	Q3742-18MSD	SB-1125-24MSD	MSD	12/02/25 16:38		Jaswal	OK
72	Q3742-18A	SB-1125-24A	PS	12/02/25 16:42	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
73	PB170754TB	PB170754TB	MB	12/02/25 16:46		Jaswal	OK
74	PB170755TB	PB170755TB	MB	12/02/25 16:51		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88120		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

75	CCV06	CCV06	CCV	12/02/25 16:55		Jaswal	OK
76	CCB06	CCB06	CCB	12/02/25 16:59		Jaswal	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 12/01/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 12/01/2025 Time : ~~15:32~~ 13:32 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *Slas*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/01/25 14:02 14:05	<i>Slas met dig</i> Preparation Group	<i>[Signature]</i> Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170754TB	PB170754TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17
PB170755TB	PB170755TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	18
PB170766BL	PBW766	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	19
PB170766BS	LCS766	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	20
Q3731-02	W1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	21
Q3736-02	D1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	22
Q3736-02MS	D1MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	24
Q3736-02MSD	D1MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	25
Q3736-02DUP	D1DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	23
Q3740-02	WC1	<2	5	25	Yellow	Light Yellow	Clear	Clear	N/A	26

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 12/01/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 12/01/2025 Time : 14:32 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP88143
CCV	30mL	MP88145
CRA	30mL	MP88147
Blank Spike	0.48mL	MP88135
Matrix Spike	0.48mL	MP88135

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP88136
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP88138
2.5 ppb	S2.5	30mL	MP88139
5.0 ppb	S5.0	30mL	MP88140
7.5 ppb	S7.5	30mL	MP88141
10.0 ppb	S10.0	30mL	MP88142
ICV	ICV	30mL	MP88143
ICB	ICB	30mL	MP88144
CCV	CCV	30mL	MP88145
CCB	CCB	30mL	MP88146
CRI	CRI	30mL	MP88147
CHK STD	CHK STD	30mL	MP88148

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/01/25 14:35	<i>[Signature]</i> met/dt	<i>[Signature]</i> met/4h
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170754TB	PB170754TB	3	30	<2	N/A	3-1
PB170770BL	PBW770	30	30	<2	N/A	2
PB170770BS	LCS770	30	30	<2	MP88135	3
Q3731-02	W1	3	30	<2	N/A	4
Q3736-02	D1	3	30	<2	N/A	5
Q3736-02DUP	D1DUP	3	30	<2	N/A	6
Q3736-02MS	D1MS	3	30	<2	MP88135	7
Q3736-02MSD	D1MSD	3	30	<2	MP88135	8
Q3740-02	WC1	3	30	<2	N/A	9

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 40819719

Start Prep Date : 11/26/2025 **Time :** 17:40
End Prep Date : 11/27/2025 **Time :** 11:45
Combination Ratio : 20
ZHE Cleaning Batch : N/A 18
Initial Room Temperature: 24 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : 18
Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114526
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
N/A	N/A	N/A
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. q3736-02 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/01/25 10:00	18 12th Room	SKS. 124 D14
	Preparation Group	Analysis Group

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170754TB	LEB754	03	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q3736-02	D1	01	100.02	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q3740-02	WC1	02	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170754TB	LEB754	N/A	N/A	N/A	N/A	N/A	N/A
Q3736-02	D1	N/A	N/A	N/A	N/A	100	N/A
Q3740-02	WC1	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170754TB	LEB754	N/A	N/A	N/A	N/A	#1	4.94
Q3736-02	D1	5.02	96.5	8.0	3.0	#1	4.94
Q3740-02	WC1	5.03	96.5	6.0	2.5	#1	4.94



SAMPLE DATA

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: WC1
Lab Sample ID: Q3740-01

Date Collected: 11/26/25 13:15
Date Received: 11/26/25
SDG No.: Q3740
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.06	H	1	0	0	pH		12/01/25 08:47	9045D
Hexavalent Chromium	209	OR	1	0.076	0.44	mg/Kg	12/01/25 09:00	12/01/25 13:13	7196A
Ignitability	NO		1	0	0	oC		12/03/25 15:00	1030
pH	6.06	H	1	0	0	pH		12/01/25 08:47	9045D
Reactive Cyanide	0.016	J	1	0.0083	0.050	mg/Kg	12/02/25 15:30	12/03/25 11:32	9012B
Reactive Sulfide	1.57	J	1	0.20	10.0	mg/Kg	12/01/25 09:10	12/01/25 11:33	9034

Comments: pH result reported at temperature 23.2 °C, pH result reported at temperature 23.2 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: WC1DL
Lab Sample ID: Q3740-01DL

Date Collected: 11/26/25 13:15
Date Received: 11/26/25
SDG No.: Q3740
Matrix: SOIL
% Solid: 90

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	4400	D	200	15.3	87.1	mg/Kg	12/01/25 09:00	12/01/25 13:15	7196A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q3740

Project: Diamond

RunNo.: LB138062

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.00	7	100	90-110	12/01/2025
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	12/01/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	12/01/2025

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q3740

Project: Diamond

RunNo.: LB138063

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.00	7	100	90-110	12/01/2025
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	12/01/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	12/01/2025

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q3740

Project: Diamond

RunNo.: LB138067

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.472	0.5	94	90-110	12/01/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.476	0.5	95	90-110	12/01/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.474	0.5	95	90-110	12/01/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.471	0.5	94	90-110	12/01/2025

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q3740

Project: Diamond

RunNo.: LB138094

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.094	0.099	95	85-115	12/03/2025
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	12/03/2025
Sample ID: CCV2 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	12/03/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q3740

Project: Diamond

RunNo.: LB138067

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q3740

Project: Diamond

RunNo.: LB138094

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	0.0017	0.0025	J	0.00096	0.005	12/03/2025
Sample ID: CCB1 Reactive Cyanide	mg/L	0.0017	0.0025	J	0.00096	0.005	12/03/2025
Sample ID: CCB2 Reactive Cyanide	mg/L	0.0018	0.0025	J	0.00096	0.005	12/03/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q3740

Project: Diamond

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170756BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	12/01/2025
Sample ID: PB170758BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	12/01/2025
Sample ID: PB170802BL							
Reactive Cyanide	mg/Kg	0.014	0.0250	J	0.0084	0.05	12/03/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3740
Project:	Diamond	Sample ID:	Q3733-01
Client ID:	SU-04-11-26-2025MS	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1340		0.075	U	1400	40	96		12/01/2025

Matrix Spike Summary

Client:

G Environmental

SDG No.:

Q3740

Project:

Diamond

Sample ID:

Q3733-01

Client ID:

SU-04-11-26-2025MS

Percent Solids for Spike Sample:

91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	39.2		0.075	U	43.7	2	90		12/01/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3740
Project:	Diamond	Sample ID:	Q3733-01
Client ID:	SU-04-11-26-2025MS	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	36.0		0.075	U	43.7	2	82		12/01/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q3740
Project:	Diamond	Sample ID:	Q3733-01
Client ID:	SU-04-11-26-2025DUP	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.075	U	0.075	U	1	0		12/01/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q3740
Project:	Diamond	Sample ID:	Q3740-01
Client ID:	WC1DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	6.06		6.08		1	0.33		12/01/2025
Corrosivity	pH	+/-20	6.06		6.08		1	0.33		12/01/2025
Reactive Sulfide	mg/Kg	+/-20	1.57	J	1.57	J	1	0		12/01/2025
Ignitability	oC	+/-20	NO		NO		1	0		12/03/2025
Reactive Cyanide	mg/Kg	+/-20	0.016	J	0.016	J	1	0		12/03/2025

Laboratory Control Sample Summary

Client: G Environmental

SDG No.: Q3740

Project: Diamond

Run No.: LB138067

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170756BS							
Hexavalent Chromium	mg/Kg	20	18.9		94	1	84-110	12/01/2025

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138062

Review By	jignesh	Review On	12/2/2025 7:41:39 AM
Supervise By	Iwona	Supervise On	12/1/2025 2:08:29 PM
SubDirectory	LB138062	Test	pH
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	12/01/25 08:10			OK
2	CAL2	CAL2	CAL	12/01/25 08:11			OK
3	CAL3	CAL3	CAL	12/01/25 08:14			OK
4	ICV	ICV	ICV	12/01/25 08:15			OK
5	CCV1	CCV1	CCV	12/01/25 08:19			OK
6	Q3720-01	BUR-25-0059	SAM	12/01/25 08:35			OK
7	Q3735-01	BU-3-112625	SAM	12/01/25 08:37			OK
8	Q3740-01	WC1	SAM	12/01/25 08:47			OK
9	Q3740-01DUP	WC1DUP	DUP	12/01/25 08:50			OK
10	CCV2	CCV2	CCV	12/01/25 08:52			OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138063

Review By	jignesh	Review On	12/2/2025 7:42:43 AM
Supervise By	Iwona	Supervise On	12/1/2025 2:08:21 PM
SubDirectory	LB138063	Test	Corrosivity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	12/01/25 08:10			OK
2	CAL2	CAL2	CAL	12/01/25 08:11			OK
3	CAL3	CAL3	CAL	12/01/25 08:14			OK
4	ICV	ICV	ICV	12/01/25 08:15			OK
5	CCV1	CCV1	CCV	12/01/25 08:19			OK
6	Q3740-01	WC1	SAM	12/01/25 08:47			OK
7	Q3740-01DUP	WC1DUP	DUP	12/01/25 08:50			OK
8	CCV2	CCV2	CCV	12/01/25 08:52			OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138067

Review By	rubina	Review On	12/1/2025 3:04:36 PM
Supervise By	Iwona	Supervise On	12/1/2025 3:05:26 PM
SubDirectory	LB138067	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115855,WP115340,WP115339,WP115854		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	12/01/25 13:00			OK
2	CAL2	CAL2	CAL	12/01/25 13:00			OK
3	CAL3	CAL3	CAL	12/01/25 13:01			OK
4	CAL4	CAL4	CAL	12/01/25 13:01			OK
5	CAL5	CAL5	CAL	12/01/25 13:02			OK
6	CAL6	CAL6	CAL	12/01/25 13:02			OK
7	CAL7	CAL7	CAL	12/01/25 13:03			OK
8	ICV	ICV	ICV	12/01/25 13:03			OK
9	ICB	ICB	ICB	12/01/25 13:04			OK
10	CCV1	CCV1	CCV	12/01/25 13:04			OK
11	CCB1	CCB1	CCB	12/01/25 13:05			OK
12	RL Check	RL Check	RL	12/01/25 13:05			OK
13	PB170756BL	PB170756BL	MB	12/01/25 13:06			OK
14	PB170756BS	PB170756BS	LCS	12/01/25 13:06			OK
15	Q3732-01	HD-01-11-26-2025	SAM	12/01/25 13:07			OK
16	Q3733-01	SU-04-11-26-2025	SAM	12/01/25 13:07			OK
17	Q3733-01DUP	SU-04-11-26-2025DU	DUP	12/01/25 13:08			OK
18	Q3733-01MSPre	SU-04-11-26-2025MS	MS	12/01/25 13:08			OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138067

Review By	rubina	Review On	12/1/2025 3:04:36 PM
Supervise By	Iwona	Supervise On	12/1/2025 3:05:26 PM
SubDirectory	LB138067	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115855,WP115340,WP115339,WP115854		

19	Q3733-01MS2Ins	SU-04-11-26-2025MS	MS	12/01/25 13:09		OK
20	Q3733-01MS3Post	SU-04-11-26-2025MS	MS	12/01/25 13:09		OK
21	Q3739-01	GSB1A	SAM	12/01/25 13:10		OK
22	Q3739-02	GSB1B	SAM	12/01/25 13:10		OK
23	CCV2	CCV2	CCV	12/01/25 13:11		OK
24	CCB2	CCB2	CCB	12/01/25 13:12		OK
25	Q3739-03	GSB2A	SAM	12/01/25 13:12		OK
26	Q3739-04	GSB2B	SAM	12/01/25 13:13		OK
27	Q3740-01	WC1	SAM	12/01/25 13:13		OK
28	Q3739-01DL	GSB1ADL	SAM	12/01/25 13:14		OK
29	Q3739-02DL	GSB1BDL	SAM	12/01/25 13:14		OK
30	Q3740-01DL	WC1DL	SAM	12/01/25 13:15		OK
31	CCV3	CCV3	CCV	12/01/25 13:15		OK
32	CCB3	CCB3	CCB	12/01/25 13:16		OK



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB138071

Review By	rubina	Review On	12/1/2025 2:28:36 PM
Supervise By	Iwona	Supervise On	12/1/2025 2:30:36 PM
SubDirectory	LB138071	Test	Reactive Sulfide
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3248,W3213,W3149		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	PB170758BL	PB170758BL	MB	12/01/25 11:30		rubina	OK
2	Q3740-01	WC1	SAM	12/01/25 11:33		rubina	OK
3	Q3740-01DUP	WC1DUP	DUP	12/01/25 11:36		rubina	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB138093

Review By	rubina	Review On	12/3/2025 4:32:25 PM
Supervise By	Iwona	Supervise On	12/3/2025 4:55:51 PM
SubDirectory	LB138093	Test	Ignitability
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q3740-01	WC1	SAM	12/03/25 15:00		rubina	OK
2	Q3740-01DUP	WC1DUP	DUP	12/03/25 15:07		rubina	OK
3	Q3750-01	FENCE WC-1	SAM	12/03/25 15:15		rubina	OK
4	Q3750-04	FENCE WC-2	SAM	12/03/25 15:22		rubina	OK
5	Q3750-07	FENCE WC-1	SAM	12/03/25 15:30		rubina	OK
6	Q3750-08	FENCE WC-2	SAM	12/03/25 15:38		rubina	OK
7	Q3753-03	MOO-25-334-337	SAM	12/03/25 15:46		rubina	OK
8	Q3753-05	AR520-0002	SAM	12/03/25 15:54		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138094

Review By	rubina	Review On	12/3/2025 4:52:22 PM
Supervise By	Iwona	Supervise On	12/3/2025 4:56:20 PM
SubDirectory	LB138094	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115896,WP115897,WP115898,WP115899,WP115900,WP115901,WP115902		
ICV Standard	WP115903		
CCV Standard	WP115897		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115905,WP114324,WP115904		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/03/25 10:23		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/03/25 10:23		rubina	OK
3	10PPBCN	10PPBCN	CAL3	12/03/25 10:23		rubina	OK
4	50PPBCN	50PPBCN	CAL4	12/03/25 10:23		rubina	OK
5	100PPBCN	100PPBCN	CAL5	12/03/25 10:23		rubina	OK
6	250PPBCN	250PPBCN	CAL6	12/03/25 10:23		rubina	OK
7	500PPBCN	500PPBCN	CAL7	12/03/25 10:23		rubina	OK
8	ICV1	ICV1	ICV	12/03/25 11:24		rubina	OK
9	ICB1	ICB1	ICB	12/03/25 11:24		rubina	OK
10	CCV1	CCV1	CCV	12/03/25 11:24		rubina	OK
11	CCB1	CCB1	CCB	12/03/25 11:24		rubina	OK
12	PB170802BL	PB170802BL	MB	12/03/25 11:25		rubina	OK
13	Q3740-01	WC1	SAM	12/03/25 11:32		rubina	OK
14	Q3740-01DUP	WC1DUP	DUP	12/03/25 11:32		rubina	OK
15	Q3750-07	FENCE WC-1	SAM	12/03/25 11:32		rubina	OK
16	Q3750-08	FENCE WC-2	SAM	12/03/25 11:32		rubina	OK
17	Q3753-05	AR520-0002	SAM	12/03/25 11:32		rubina	OK
18	Q3753-03	MOO-25-334-337	SAM	12/03/25 11:32		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138094

Review By	rubina	Review On	12/3/2025 4:52:22 PM
Supervise By	Iwona	Supervise On	12/3/2025 4:56:20 PM
SubDirectory	LB138094	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115896,WP115897,WP115898,WP115899,WP115900,WP115901,WP115902		
ICV Standard	WP115903		
CCV Standard	WP115897		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115905,WP114324,WP115904		

19	CCV2	CCV2	CCV	12/03/25 11:37		rubina	OK
20	CCB2	CCB2	CCB	12/03/25 11:37		rubina	OK

LAB CHRONICLE

OrderID:	Q3740	OrderDate:	11/26/2025 4:30:00 PM
Client:	G Environmental	Project:	Diamond
Contact:	Gary Landis	Location:	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	WC1	SOIL			11/26/25 13:15			11/26/25
			Corrosivity	9045D			12/01/25 08:47	
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:13	
			Ignitability	1030			12/03/25 15:00	
			pH	9045D			12/01/25 08:47	
			Reactive Cyanide	9012B		12/02/25	12/03/25 11:32	
			Reactive Sulfide	9034		12/01/25	12/01/25 11:33	
Q3740-01DL	WC1DL	SOIL			11/26/25 13:15			11/26/25
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:15	

SOP ID : M3060A,7196A-Hex.Chromium-27

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#3

Block ID : WC S-2, WC S-1

Weigh By : RM

Start Digest Date: 12/01/2025 Time : 09:00 Temp : 90 °C

End Digest Date: 12/01/2025 Time : 10:00 Temp : 92 °C

15 batch 12/01/2025 10:25 12/01/2025 11:25 90°C RM 95°C

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Filter paper ID : 400213

Prep Technician Signature: RM

pH Meter ID : WC pH meter-1

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP113880
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP113880
LCSS	1.0ML	WP113881
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP115410
HEX. DIGESTION SOLN.	50.0ML	WP115853
5M HNO3	5-7ML	WP115339
5N H2SO4	1-3ML	WP115340
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP115852
CAL3	CAL3	0.5ML	WP115852
CAL4	CAL4	1ML	WP115852
CAL5	CAL5	0.2ML	WP113880
CAL6	CAL6	1ML	WP113880
CAL7	CAL7	2.0ML	WP113880
ICV	ICV	1ML	WP113881
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP113880
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

N/A

12/01/2025 RM

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB170756BL	PBS756	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB170756BS	LCS756	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3732-01	HD-01-11-26-2025	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01	SU-04-11-26-2025	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01DUP	SU-04-11-26-2025DUP	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01MSPre	SU-04-11-26-2025MSPRE	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01MS2Ins	SU-04-11-26-2025MS2INS	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01MS3Post	SU-04-11-26-2025MS3POST	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-01	GSB1A	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-02	GSB1B	2.58	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-03	GSB2A	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-04	GSB2B	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3740-01	WC1	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9030B-Sulfide-13

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#2

Block ID : WC-DIST-BLOCK-1

Weigh By : RM

Start Digest Date: 12/01/2025 Time : 09:10 Temp : N/A

End Digest Date: 12/01/2025 Time : 10:40 Temp : N/A

Digestion tube ID : M5595

Block Thermometer ID : N/A

Filter paper ID : N/A

Prep Technician Signature: RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.5M ZINC ACETATE	5.0ML	WP114311
FORMALDEHYDE	2.0ML	W3220
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

12/01/2025
RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170758BL	PBS758	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3740-01DUP	WC1DUP	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3740-01	WC1	5.08	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 12/02/2025 Time : 15:30 Temp : N/A

Matrix : SOIL

End Digest Date: 12/02/2025 Time : 17:00 Temp : N/A

Pipette ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : N/A

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: SO

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/2/2025 17:15	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170802BL	PBS802	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3740-01DUP	WC1DUP	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3740-01	WC1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3750-07	FENCE WC-1	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3750-08	FENCE WC-2	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3753-03	MOO-25-334-337	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3753-05	AR520-0002	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A