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

Hit Summary Sheet
SW-846

SDG No.: Q2481

Client: Environmental Restoration, LLC

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

0

Total Voc :

Total Concentration:

SAMPLE DATA

Raw Data: **VX047117.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-12	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047117.D	10	07/24/25 14:08	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	56.5		86 - 113	113%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	405000	5.562			
540-36-3	1,4-Difluorobenzene	744000	6.769			
3114-55-4	Chlorobenzene-d5	710000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	364000	12.018			

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

Raw Data: **VX047115.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-13	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047115.D	10	07/24/25 13:26	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	39.2		75 - 124	78%	SPK: 50
2037-26-5	Toluene-d8	56.1		86 - 113	112%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	306000	5.617			
540-36-3	1,4-Difluorobenzene	578000	6.812			
3114-55-4	Chlorobenzene-d5	435000	10.079			
3855-82-1	1,4-Dichlorobenzene-d4	264000	12.03			

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

Raw Data: **VX047114.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-14	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047114.D	10	07/24/25 13:06	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.8		74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	29.5	*	75 - 124	59%	SPK: 50
2037-26-5	Toluene-d8	56.1		86 - 113	112%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	452000	5.562			
540-36-3	1,4-Difluorobenzene	827000	6.769			
3114-55-4	Chlorobenzene-d5	796000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	406000	12.018			

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

Raw Data: **VX047118.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-15	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047118.D	10	07/24/25 14:29	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.5		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	57.9	*	86 - 113	116%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	401000	5.562			
540-36-3	1,4-Difluorobenzene	750000	6.769			
3114-55-4	Chlorobenzene-d5	708000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	355000	12.018			

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-16	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047119.D	10	07/24/25 14:50	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.0		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	42.6		75 - 124	85%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	396000	5.562			
540-36-3	1,4-Difluorobenzene	749000	6.769			
3114-55-4	Chlorobenzene-d5	690000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	372000	12.018			

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-17	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047123.D	10	07/24/25 16:15	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.8		74 - 125	90%	SPK: 50
1868-53-7	Dibromofluoromethane	37.6		75 - 124	75%	SPK: 50
2037-26-5	Toluene-d8	48.8		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.6		77 - 121	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	355000	5.58			
540-36-3	1,4-Difluorobenzene	677000	6.781			
3114-55-4	Chlorobenzene-d5	522000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	320000	12.018			

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

Raw Data: **VX047102.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-18	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047102.D	1000	07/23/25 19:00	VX072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	260	U	260	5000	ug/L
75-35-4	1,1-Dichloroethene	230	U	230	5000	ug/L
78-93-3	2-Butanone	980	U	980	25000	ug/L
56-23-5	Carbon Tetrachloride	250	U	250	5000	ug/L
67-66-3	Chloroform	250	U	250	5000	ug/L
71-43-2	Benzene	150	U	150	5000	ug/L
107-06-2	1,2-Dichloroethane	220	U	220	5000	ug/L
79-01-6	Trichloroethene	93.0	U	93.0	5000	ug/L
127-18-4	Tetrachloroethene	230	U	230	5000	ug/L
108-90-7	Chlorobenzene	120	U	120	5000	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	55.4		86 - 113	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2		77 - 121	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	417000	5.562			
540-36-3	1,4-Difluorobenzene	773000	6.769			
3114-55-4	Chlorobenzene-d5	519000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	323000	12.018			

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

Raw Data: **VX047121.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-19	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047121.D	10	07/24/25 15:33	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.3		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	43.1		75 - 124	86%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	415000	5.562			
540-36-3	1,4-Difluorobenzene	745000	6.769			
3114-55-4	Chlorobenzene-d5	702000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	363000	12.018			

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-20	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047122.D	10	07/24/25 15:54	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.6		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	27.6	*	75 - 124	55%	SPK: 50
2037-26-5	Toluene-d8	46.6		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	503000	5.562			
540-36-3	1,4-Difluorobenzene	913000	6.769			
3114-55-4	Chlorobenzene-d5	857000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	441000	12.018			

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-21	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047120.D	10	07/24/25 15:12	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	2.60	U	2.60	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	50.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	50.0	ug/L
71-43-2	Benzene	1.50	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	18.3	*	75 - 124	37%	SPK: 50
2037-26-5	Toluene-d8	48.0		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	489000	5.562			
540-36-3	1,4-Difluorobenzene	893000	6.769			
3114-55-4	Chlorobenzene-d5	845000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	419000	12.018			

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

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2481-12	CC0627-AL	1,2-Dichloroethane-d4	50	56.6	113		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	56.5	113		86	113
		4-Bromofluorobenzene	50	55.1	110		77	121
Q2481-13	CC0627-CLOXPL	1,2-Dichloroethane-d4	50	50.7	101		74	125
		Dibromofluoromethane	50	39.2	78		75	124
		Toluene-d8	50	56.1	112		86	113
		4-Bromofluorobenzene	50	47.3	95		77	121
Q2481-14	CC0625-OXBL	1,2-Dichloroethane-d4	50	55.8	112		74	125
		Dibromofluoromethane	50	29.5	59	*	75	124
		Toluene-d8	50	56.1	112		86	113
		4-Bromofluorobenzene	50	53.7	107		77	121
Q2481-15	CC0627-AOXL	1,2-Dichloroethane-d4	50	59.5	119		74	125
		Dibromofluoromethane	50	51.5	103		75	124
		Toluene-d8	50	57.9	116	*	86	113
		4-Bromofluorobenzene	50	55.7	111		77	121
Q2481-16	CC0625-NL	1,2-Dichloroethane-d4	50	50.0	100		74	125
		Dibromofluoromethane	50	42.6	85		75	124
		Toluene-d8	50	51.2	102		86	113
		4-Bromofluorobenzene	50	49.5	99		77	121
Q2481-17	CC0267-OXPL	1,2-Dichloroethane-d4	50	44.8	90		74	125
		Dibromofluoromethane	50	37.6	75		75	124
		Toluene-d8	50	48.8	98		86	113
		4-Bromofluorobenzene	50	40.6	81		77	121
Q2481-18	CC0627-OXL	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	47.5	95		75	124
		Toluene-d8	50	55.5	111		86	113
		4-Bromofluorobenzene	50	42.2	84		77	121
Q2481-19	CC0627-CLOXAL	1,2-Dichloroethane-d4	50	46.3	93		74	125
		Dibromofluoromethane	50	43.1	86		75	124
		Toluene-d8	50	48.2	96		86	113
		4-Bromofluorobenzene	50	47.0	94		77	121
Q2481-20	CC0627-BL	1,2-Dichloroethane-d4	50	46.6	93		74	125
		Dibromofluoromethane	50	27.6	55	*	75	124
		Toluene-d8	50	46.6	93		86	113
		4-Bromofluorobenzene	50	44.8	90		77	121
Q2481-21	CC0627-SFBL	1,2-Dichloroethane-d4	50	49.7	99		74	125
		Dibromofluoromethane	50	18.3	37	*	75	124
		Toluene-d8	50	48.0	96		86	113
		4-Bromofluorobenzene	50	47.1	94		77	121
VX0723WBL01	VX0723WBL01	1,2-Dichloroethane-d4	50	49.7	99		74	125
		Dibromofluoromethane	50	47.3	94		75	124
		Toluene-d8	50	52.1	104		86	113
		4-Bromofluorobenzene	50	48.4	97		77	121
VX0723WBS01	VX0723WBS01	1,2-Dichloroethane-d4	50	49.0	98		74	125
		Dibromofluoromethane	50	49.3	99		75	124
		Toluene-d8	50	46.9	94		86	113
		4-Bromofluorobenzene	50	47.3	95		77	121
VX0723WBSD0	VX0723WBSD01	1,2-Dichloroethane-d4	50	47.7	95		74	125
		Dibromofluoromethane	50	48.5	97		75	124

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX0723WBSD0	VX0723WBSD01	Toluene-d8	50	46.3	93		86	113
		4-Bromofluorobenzene	50	49.7	99		77	121

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX0724WBL01	VX0724WBL01	1,2-Dichloroethane-d4	50	52.5	105		74	125
		Dibromofluoromethane	50	48.5	97		75	124
		Toluene-d8	50	53.9	108		86	113
		4-Bromofluorobenzene	50	51.5	103		77	121
VX0724WBS01	VX0724WBS01	1,2-Dichloroethane-d4	50	50.4	101		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	50.6	101		77	121

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** SW8260D

Client: Environmental Restoration, LLC **Datafile :** VX047080.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0723WBS01	Vinyl chloride	20	19.1	ug/L	96			65	117	
	1,1-Dichloroethene	20	18.7	ug/L	94			74	110	
	2-Butanone	100	88.9	ug/L	89			65	122	
	Carbon Tetrachloride	20	18.1	ug/L	91			77	113	
	Chloroform	20	18.9	ug/L	95			79	113	
	Benzene	20	18.7	ug/L	94			82	109	
	1,2-Dichloroethane	20	19.2	ug/L	96			80	115	
	Trichloroethene	20	18.0	ug/L	90			77	113	
	Tetrachloroethene	20	18.1	ug/L	91			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** SW8260D

Client: Environmental Restoration, LLC **Datafile :** VX047088.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0723WBSD01	Vinyl chloride	20	18.5	ug/L	93	3		65	117	19
	1,1-Dichloroethene	20	18.2	ug/L	91	3		74	110	20
	2-Butanone	100	95.1	ug/L	95	7		65	122	26
	Carbon Tetrachloride	20	17.9	ug/L	90	1		77	113	15
	Chloroform	20	18.4	ug/L	92	3		79	113	20
	Benzene	20	18.5	ug/L	93	1		82	109	15
	1,2-Dichloroethane	20	18.8	ug/L	94	2		80	115	20
	Trichloroethene	20	17.9	ug/L	90	0		77	113	15
	Tetrachloroethene	20	18.1	ug/L	91	0		67	123	15
	Chlorobenzene	20	18.4	ug/L	92	2		82	109	15

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** SW8260-Low

Client: Environmental Restoration, LLC **Datafile :** VX047108.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0724WBS01	Vinyl chloride	20	19.3	ug/L	97			65	117	
	1,1-Dichloroethene	20	18.8	ug/L	94			74	110	
	2-Butanone	100	89.5	ug/L	90			65	122	
	Carbon Tetrachloride	20	18.7	ug/L	94			77	113	
	Chloroform	20	19.2	ug/L	96			79	113	
	Benzene	20	19.0	ug/L	95			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	18.6	ug/L	93			77	113	
	Tetrachloroethene	20	18.2	ug/L	91			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VX0723WBL01

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: VX047079.D Lab Sample ID: VX0723WBL01

Date Analyzed: 07/23/2025 Time Analyzed: 10:45

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0723WBS01	VX0723WBS01	VX047080.D	07/23/2025
VX0723WBSD01	VX0723WBSD01	VX047088.D	07/23/2025
CC0627-OXL	Q2481-18	VX047102.D	07/23/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VX0724WBL01

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: VX047107.D Lab Sample ID: VX0724WBL01

Date Analyzed: 07/24/2025 Time Analyzed: 10:34

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0724WBS01	VX0724WBS01	VX047108.D	07/24/2025
CC0625-OXBL	Q2481-14	VX047114.D	07/24/2025
CC0627-CLOXPL	Q2481-13	VX047115.D	07/24/2025
CC0627-AL	Q2481-12	VX047117.D	07/24/2025
CC0627-AOXL	Q2481-15	VX047118.D	07/24/2025
CC0625-NL	Q2481-16	VX047119.D	07/24/2025
CC0627-SFBL	Q2481-21	VX047120.D	07/24/2025
CC0627-CLOXAL	Q2481-19	VX047121.D	07/24/2025
CC0627-BL	Q2481-20	VX047122.D	07/24/2025
CC0267-OXPL	Q2481-17	VX047123.D	07/24/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2481

Lab File ID: VX047054.D | BFB Injection Date: 07/21/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:53

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.5
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	69.5 (95.9) 1
177	5.0 - 9.0% of mass 176	5 (7.2) 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
VSTDICC001	VSTDICC001	VX047055.D	07/21/2025	09:47
VSTDICC005	VSTDICC005	VX047056.D	07/21/2025	10:08
VSTDICC020	VSTDICC020	VX047057.D	07/21/2025	10:29
VSTDICCC050	VSTDICCC050	VX047058.D	07/21/2025	10:50
VSTDICC100	VSTDICC100	VX047059.D	07/21/2025	11:11
VSTDICC150	VSTDICC150	VX047060.D	07/21/2025	11:32

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2481

Lab File ID: VX047076.D | BFB Injection Date: 07/23/2025

Instrument ID: MSVOA_X | BFB Injection Time: 09:00

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.1
75	30.0 - 60.0% of mass 95	52.6
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	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	5.7 (7.7) 1
176	95.0 - 101.0% of mass 174	71.6 (96.4) 1
177	5.0 - 9.0% of mass 176	4.6 (6.4) 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	VX047077.D	07/23/2025	09:30
VX0723WBL01	VX0723WBL01	VX047079.D	07/23/2025	10:45
VX0723WBS01	VX0723WBS01	VX047080.D	07/23/2025	11:13
VX0723WBSD01	VX0723WBSD01	VX047088.D	07/23/2025	14:07
CC0627-OXL	Q2481-18	VX047102.D	07/23/2025	19:00

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2481

Lab File ID: VX047104.D | BFB Injection Date: 07/24/2025

Instrument ID: MSVOA_X | BFB Injection Time: 09:12

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	53.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	72.2
175	5.0 - 9.0% of mass 174	5.1 (7) 1
176	95.0 - 101.0% of mass 174	70.5 (97.6) 1
177	5.0 - 9.0% of mass 176	4.9 (6.9) 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	VX047105.D	07/24/2025	09:44
VX0724WBL01	VX0724WBL01	VX047107.D	07/24/2025	10:34
VX0724WBS01	VX0724WBS01	VX047108.D	07/24/2025	10:55
CC0625-OXBL	Q2481-14	VX047114.D	07/24/2025	13:06
CC0627-CLOXPL	Q2481-13	VX047115.D	07/24/2025	13:26
CC0627-AL	Q2481-12	VX047117.D	07/24/2025	14:08
CC0627-AOXL	Q2481-15	VX047118.D	07/24/2025	14:29
CC0625-NL	Q2481-16	VX047119.D	07/24/2025	14:50
CC0627-SFBL	Q2481-21	VX047120.D	07/24/2025	15:12
CC0627-CLOXAL	Q2481-19	VX047121.D	07/24/2025	15:33
CC0627-BL	Q2481-20	VX047122.D	07/24/2025	15:54
CC0267-OXPL	Q2481-17	VX047123.D	07/24/2025	16:15

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: VX047077.D Date Analyzed: 07/23/2025

Instrument ID: MSVOA_X Time Analyzed: 09:30

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	346372	5.56	582956	6.76	499261	10.05
UPPER LIMIT	692744	6.056	1165910	7.263	998522	10.549
LOWER LIMIT	173186	5.056	291478	6.263	249631	9.549
EPA SAMPLE NO.						
CC0627-OXL	416777	5.56	772965	6.77	519074	10.06
VX0723WBL01	495715	5.56	888951	6.76	838806	10.06
VX0723WBS01	361496	5.56	612680	6.76	542704	10.06
VX0723WBSD01	310959	5.56	528421	6.77	477316	10.06

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: VX047077.D Date Analyzed: 07/23/2025

Instrument ID: MSVOA_X Time Analyzed: 09:30

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	238699	12.018				
UPPER LIMIT	477398	12.518				
LOWER LIMIT	119350	11.518				
EPA SAMPLE NO.						
CC0627-OXL	323235	12.02				
VX0723WBL01	406646	12.02				
VX0723WBS01	268316	12.02				
VX0723WBSD01	242466	12.02				

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: VX047105.D Date Analyzed: 07/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:44

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	299639	5.56	500897	6.76	440622	10.06
UPPER LIMIT	599278	6.056	1001790	7.263	881244	10.555
LOWER LIMIT	149820	5.056	250449	6.263	220311	9.555
EPA SAMPLE NO.						
CC0627-AL	405182	5.56	744375	6.77	710158	10.06
CC0627-CLOXPL	306378	5.62	578026	6.81	434831	10.08
CC0625-OXBL	452175	5.56	826688	6.77	795791	10.06
CC0627-AOXL	401016	5.56	749846	6.77	708181	10.06
CC0625-NL	396009	5.56	749209	6.77	689935	10.06
CC0267-OXPL	354820	5.58	677494	6.78	521532	10.06
CC0627-CLOXAL	414773	5.56	745400	6.77	702427	10.06
CC0627-BL	503250	5.56	912608	6.77	857469	10.06
CC0627-SFBL	488832	5.56	892867	6.77	845132	10.06
VX0724WBL01	463916	5.56	839242	6.77	802389	10.06
VX0724WBS01	305867	5.57	519601	6.77	466090	10.06

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: VX047105.D Date Analyzed: 07/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:44

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #		RT #				
12 HOUR STD	207085		12.018				
UPPER LIMIT	414170		12.518				
LOWER LIMIT	103543		11.518				
EPA SAMPLE NO.							
CC0627-AL	363979		12.02				
CC0627-CLOXPL	264294		12.03				
CC0625-OXBL	405857		12.02				
CC0627-AOXL	355368		12.02				
CC0625-NL	372334		12.02				
CC0267-OXPL	319546		12.02				
CC0627-CLOXAL	362645		12.02				
CC0627-BL	440518	*	12.02				
CC0627-SFBL	418999	*	12.02				
VX0724WBL01	396966		12.02				
VX0724WBS01	230557		12.02				

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

Raw Data: **VX047079.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	VX0723WBL01	SDG No.:	Q2481
Lab Sample ID:	VX0723WBL01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047079.D	1	07/23/25 10:45	VX072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	52.1		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	496000	5.556			
540-36-3	1,4-Difluorobenzene	889000	6.763			
3114-55-4	Chlorobenzene-d5	839000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	407000	12.018			

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	VX0724WBL01	SDG No.:	Q2481
Lab Sample ID:	VX0724WBL01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047107.D	1	07/24/25 10:34	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	53.8		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	464000	5.562			
540-36-3	1,4-Difluorobenzene	839000	6.769			
3114-55-4	Chlorobenzene-d5	802000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	397000	12.018			

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

Raw Data: **VX047080.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	VX0723WBS01	SDG No.:	Q2481
Lab Sample ID:	VX0723WBS01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047080.D	1	07/23/25 11:13	VX072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	19.1		0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	5.00	ug/L
78-93-3	2-Butanone	88.9		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.1		0.25	5.00	ug/L
67-66-3	Chloroform	18.9		0.25	5.00	ug/L
71-43-2	Benzene	18.7		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	19.2		0.22	5.00	ug/L
79-01-6	Trichloroethene	18.0		0.090	5.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.23	5.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.0		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	46.9		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	361000	5.556			
540-36-3	1,4-Difluorobenzene	613000	6.763			
3114-55-4	Chlorobenzene-d5	543000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	268000	12.018			

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	VX0724WBS01	SDG No.:	Q2481
Lab Sample ID:	VX0724WBS01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047108.D	1	07/24/25 10:55	VX072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	19.3		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
78-93-3	2-Butanone	89.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.25	1.00	ug/L
67-66-3	Chloroform	19.2		0.25	1.00	ug/L
71-43-2	Benzene	19.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	18.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.0		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	306000	5.568			
540-36-3	1,4-Difluorobenzene	520000	6.769			
3114-55-4	Chlorobenzene-d5	466000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	231000	12.018			

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	VX0723WBSD01	SDG No.:	Q2481
Lab Sample ID:	VX0723WBSD01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047088.D	1	07/23/25 14:07	VX072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	18.5		0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	5.00	ug/L
78-93-3	2-Butanone	95.1		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	17.9		0.25	5.00	ug/L
67-66-3	Chloroform	18.4		0.25	5.00	ug/L
71-43-2	Benzene	18.5		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.22	5.00	ug/L
79-01-6	Trichloroethene	17.9		0.090	5.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.23	5.00	ug/L
108-90-7	Chlorobenzene	18.4		0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		74 - 125	95%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	46.3		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311000	5.562			
540-36-3	1,4-Difluorobenzene	528000	6.769			
3114-55-4	Chlorobenzene-d5	477000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	242000	12.018			

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2481

Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX047055.D RRF005 = VX047056.D RRF020 = VX047057.D
RRF050 = VX047058.D RRF100 = VX047059.D RRF150 = VX047060.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.7
1,1-Dichloroethene	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.7
2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.8
Carbon Tetrachloride	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.4
Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.2
Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.4
1,2-Dichloroethane	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.5
Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.5
Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.6
Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.2
1,2-Dichloroethane-d4		0.768	0.511	0.575	0.611	0.649	0.623	15.4
Dibromofluoromethane		0.355	0.262	0.296	0.302	0.328	0.309	11.3
Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.8
4-Bromofluorobenzene		0.514	0.369	0.409	0.417	0.445	0.431	12.5

* 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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2481

Instrument ID: MSVOA_X Calibration Date/Time: 07/23/2025 09:30

Lab File ID: VX047077.D Init. Calib. Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 11:32

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.706	0.725		2.69	20
1,1-Dichloroethene	0.628	0.610		-2.87	20
2-Butanone	0.363	0.329		-9.37	20
Carbon Tetrachloride	0.562	0.508		-9.61	20
Chloroform	1.236	1.136		-8.09	20
Benzene	1.523	1.384		-9.13	20
1,2-Dichloroethane	0.536	0.496		-7.46	20
Trichloroethene	0.391	0.348		-11	20
Tetrachloroethene	0.360	0.323		-10.28	20
Chlorobenzene	1.171	1.072	0.3	-8.45	20
1,2-Dichloroethane-d4	0.623	0.586		-5.94	20
Dibromofluoromethane	0.309	0.304		-1.62	20
Toluene-d8	1.000	0.902		-9.8	20
4-Bromofluorobenzene	0.431	0.393		-8.82	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2481

Instrument ID: MSVOA_X Calibration Date/Time: 07/24/2025 09:44

Lab File ID: VX047105.D Init. Calib. Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 11:32

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.706	0.789		11.76	20
1,1-Dichloroethene	0.628	0.640		1.91	20
2-Butanone	0.363	0.345		-4.96	20
Carbon Tetrachloride	0.562	0.551		-1.96	20
Chloroform	1.236	1.218		-1.46	20
Benzene	1.523	1.505		-1.18	20
1,2-Dichloroethane	0.536	0.537		0.19	20
Trichloroethene	0.391	0.374		-4.35	20
Tetrachloroethene	0.360	0.338		-6.11	20
Chlorobenzene	1.171	1.122	0.3	-4.18	20
1,2-Dichloroethane-d4	0.623	0.644		3.37	20
Dibromofluoromethane	0.309	0.335		8.41	20
Toluene-d8	1.000	1.006		0.6	20
4-Bromofluorobenzene	0.431	0.444		3.02	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_X\Data\VX072425\
Data File : VX047117.D
Acq On : 24 Jul 2025 14:08
Operator : JC/MD
Sample : Q2481-12 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Quant Time: Jul 25 01:23:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

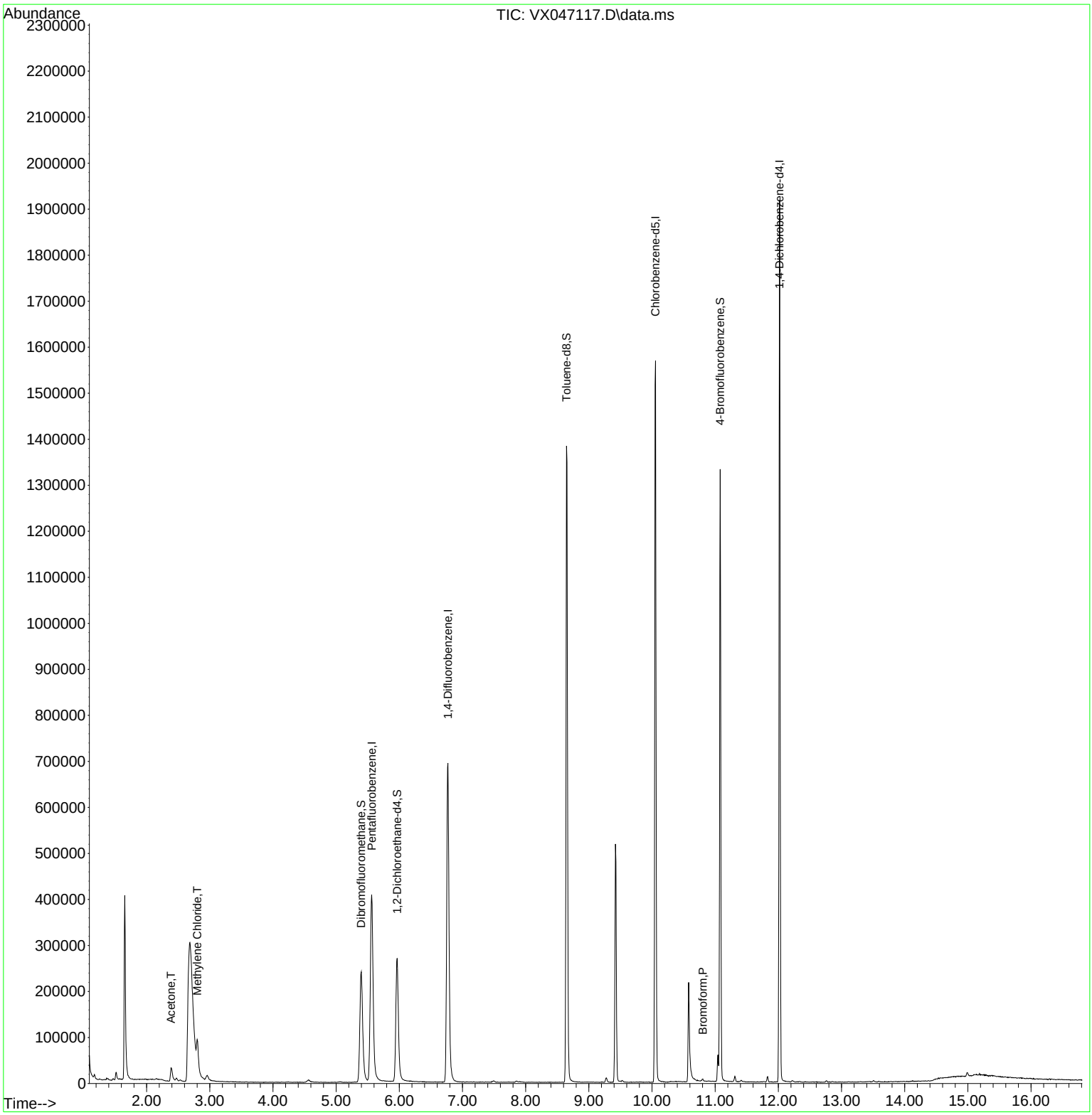
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	405182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	744375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	710158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	363979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	285791	56.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.240%			
35) Dibromofluoromethane	5.398	113	231882	50.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	8.647	98	841647	56.547	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.100%#			
62) 4-Bromofluorobenzene	11.079	95	353285	55.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.160%			
Target Compounds						Qvalue
16) Acetone	2.386	43	46893	23.192	ug/l	98
20) Methylene Chloride	2.800	84	27228	4.895	ug/l	97
71) Bromoform	10.805	173	1682	0.395	ug/l #	96

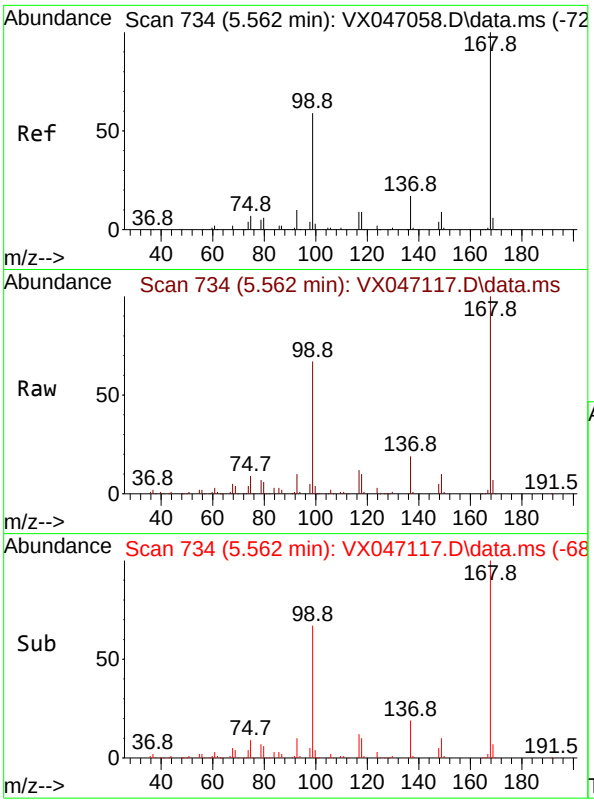
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047117.D
Acq On : 24 Jul 2025 14:08
Operator : JC/MD
Sample : Q2481-12 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Quant Time: Jul 25 01:23:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



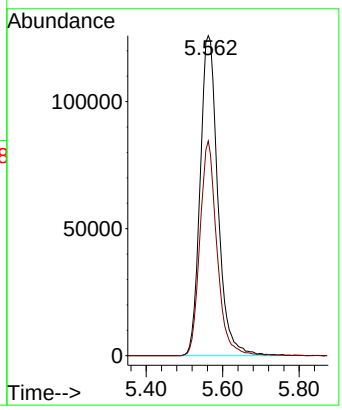


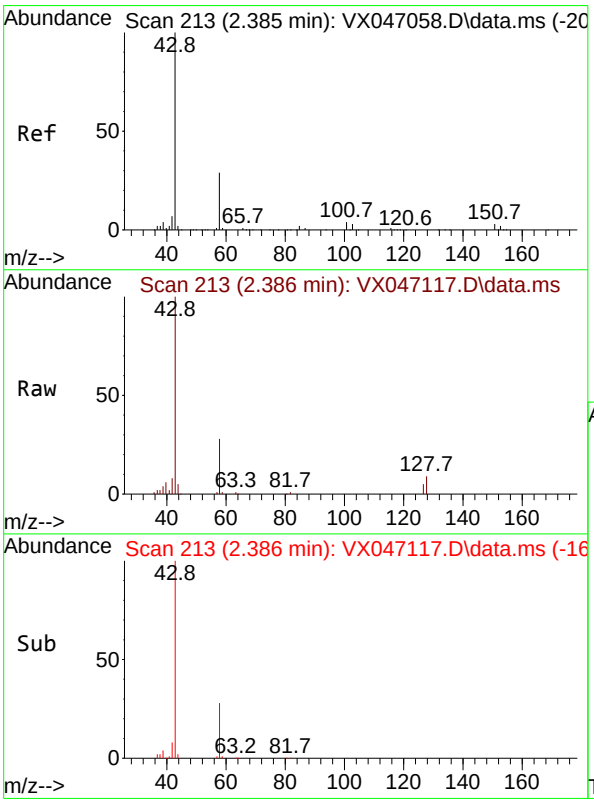
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Tgt Ion:168 Resp: 405182

Ion	Ratio	Lower	Upper
168	100		
99	67.1	48.0	72.0

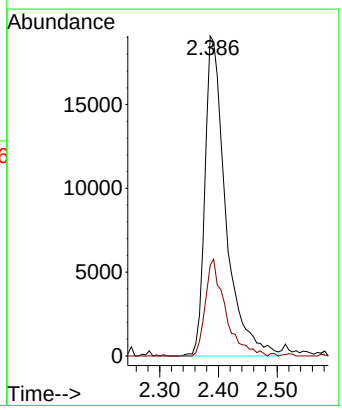


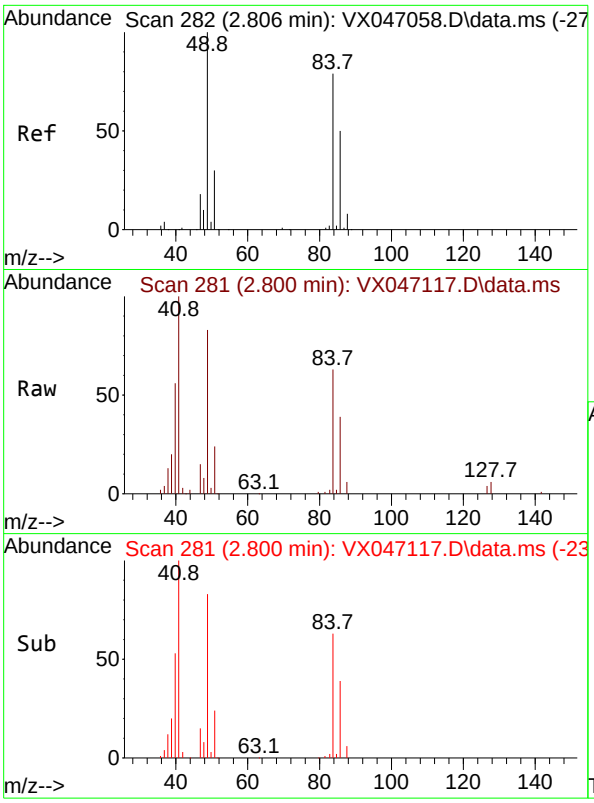


#16
Acetone
Concen: 23.192 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion: 43 Resp: 46893

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.0	36.0



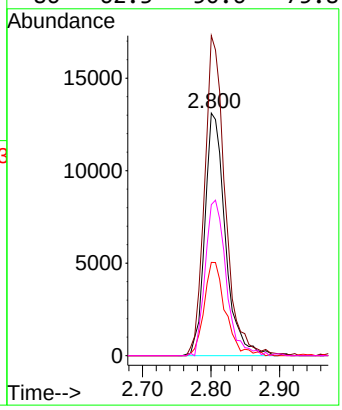


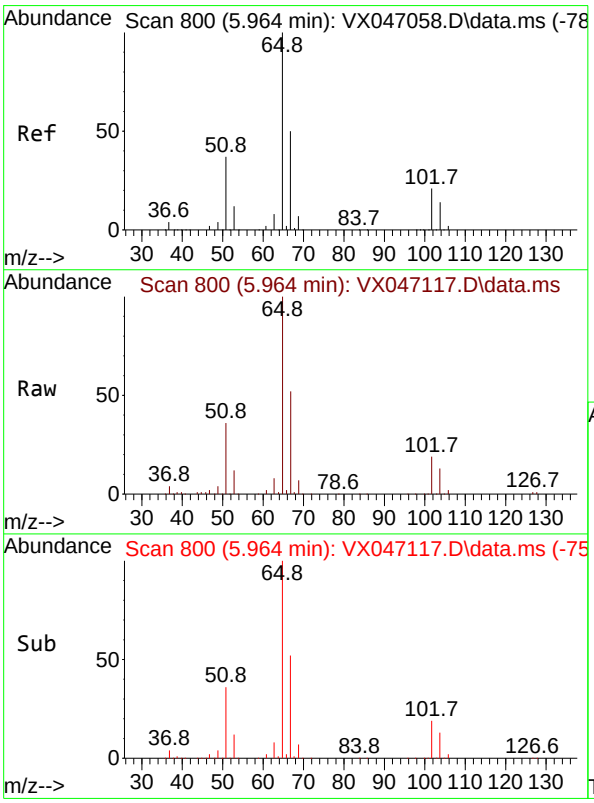
#20
Methylene Chloride
Concen: 4.895 ug/l
RT: 2.800 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Tgt Ion: 84 Resp: 27228

Ion	Ratio	Lower	Upper
84	100		
49	131.9	101.6	152.4
51	39.0	30.3	45.5
86	62.3	50.6	75.8

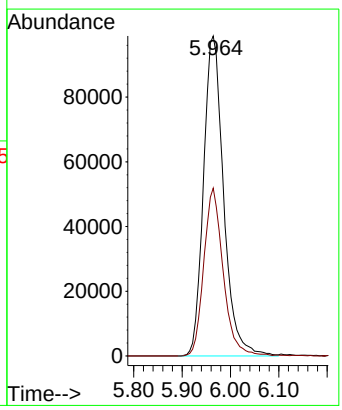


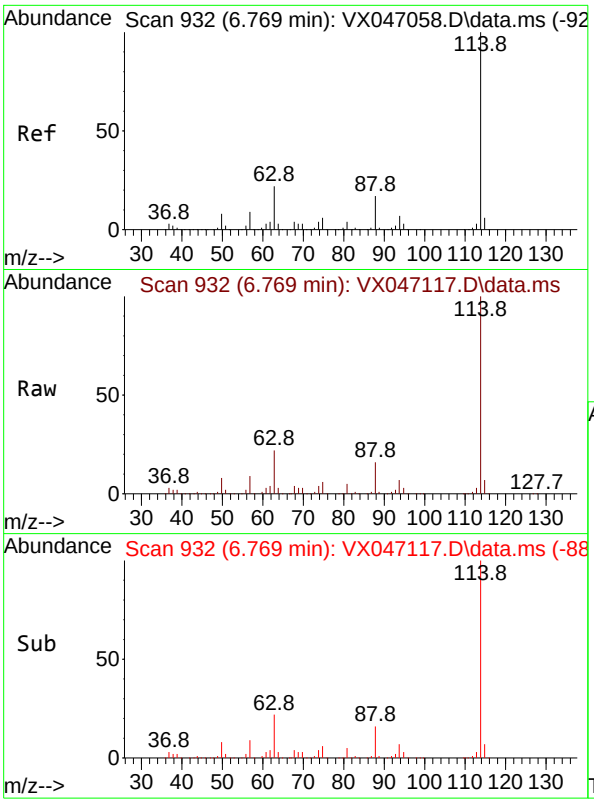


#33
1,2-Dichloroethane-d4
Concen: 56.623 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion: 65 Resp: 285791

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	104.8



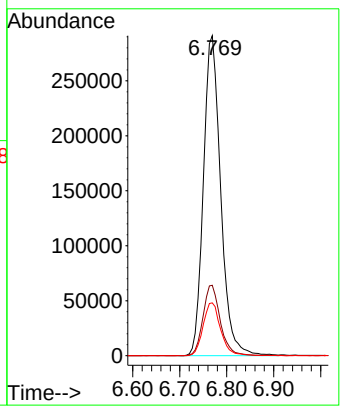


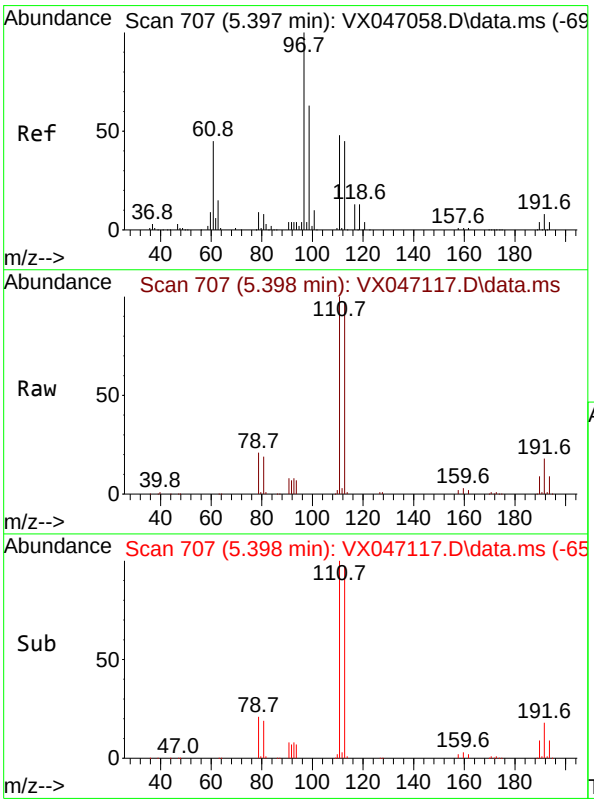
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Tgt Ion:114 Resp: 744375

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.5	0.0	33.8

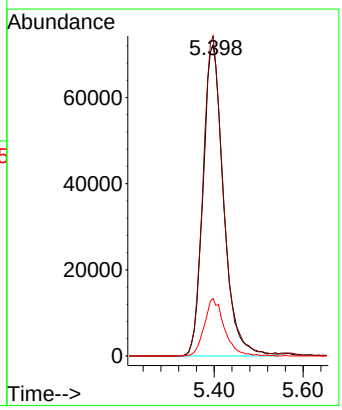


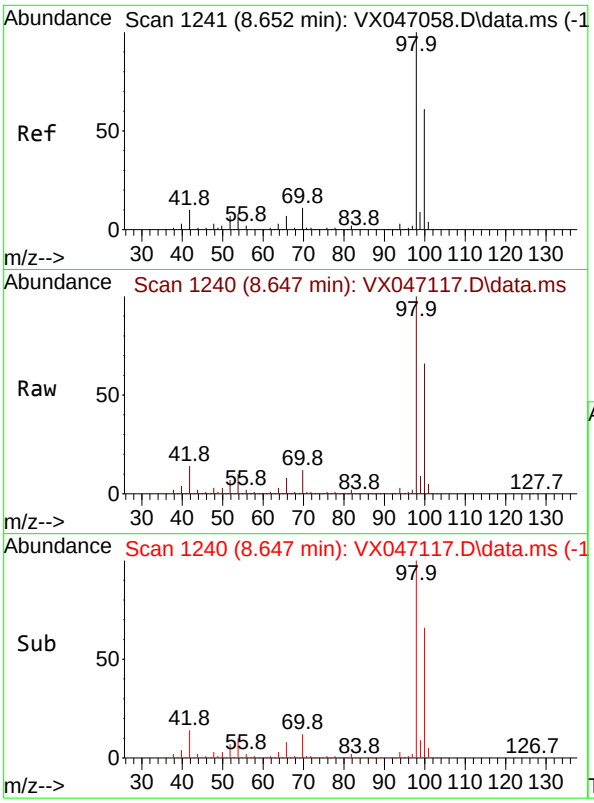


#35
Dibromofluoromethane
Concen: 50.453 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion:113 Resp: 231882

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	18.0	14.9	22.3



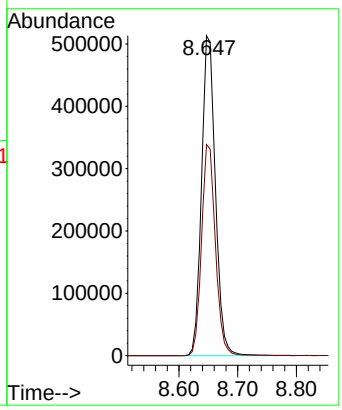


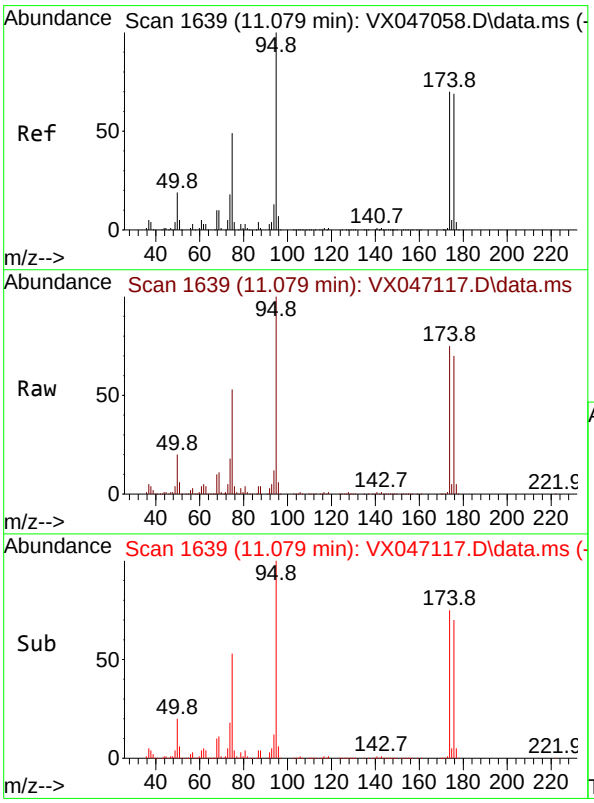
#50
Toluene-d8
Concen: 56.547 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Tgt Ion: 98 Resp: 841647

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9

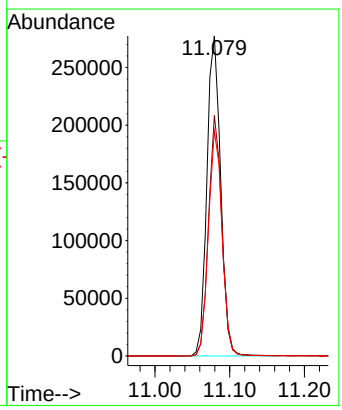


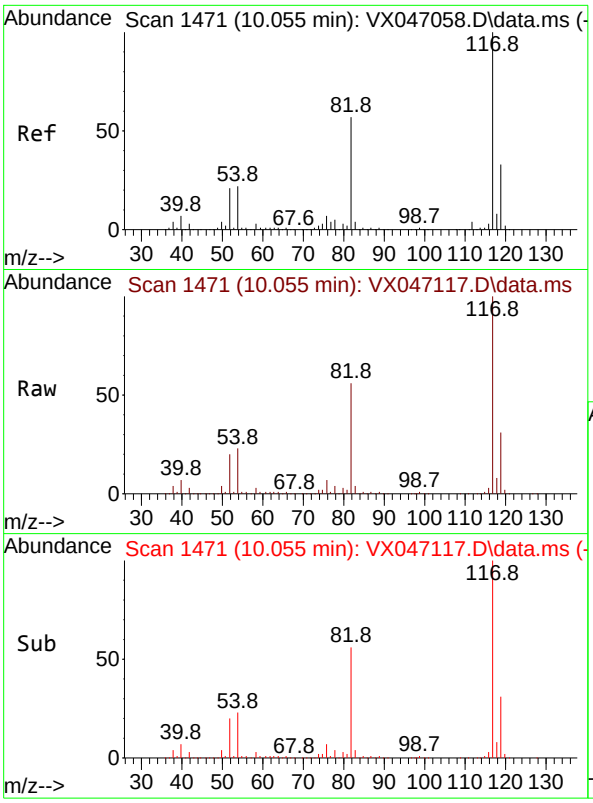


#62
4-Bromofluorobenzene
Concen: 55.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion: 95 Resp: 353285

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	144.6
176	70.1	0.0	139.6



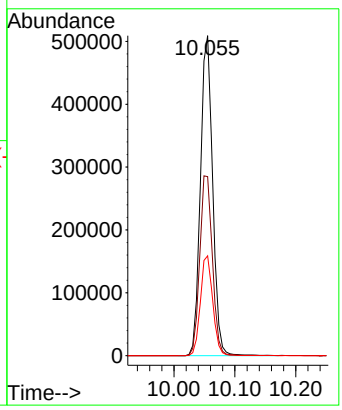


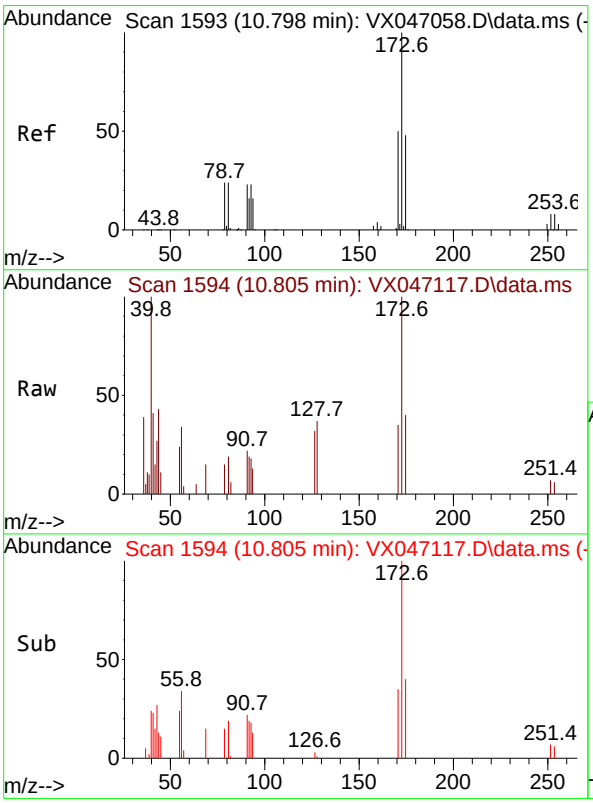
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Tgt Ion:117 Resp: 710158

Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.4	68.2
119	31.2	26.1	39.1

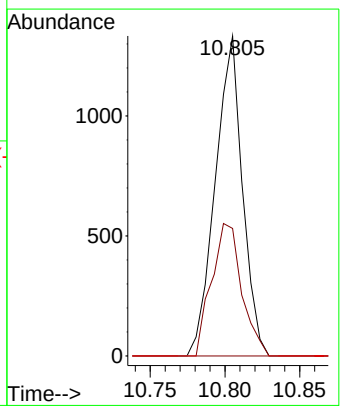


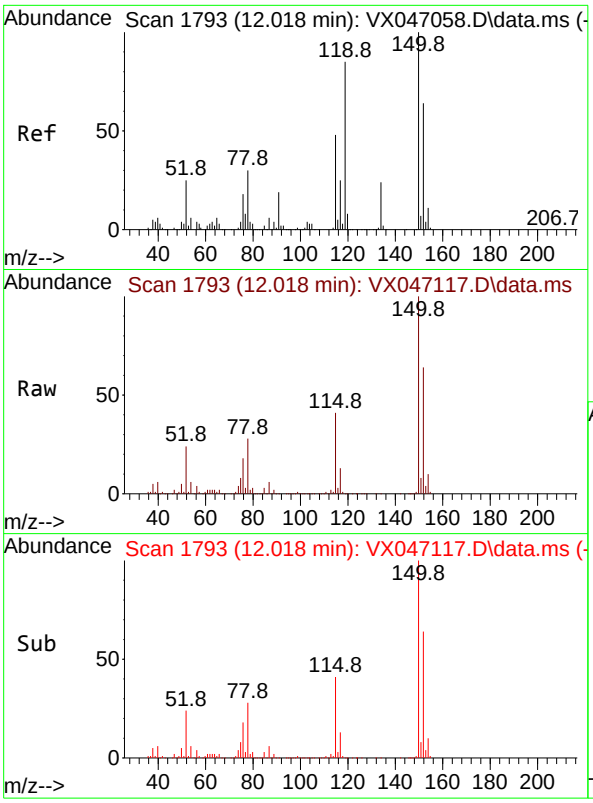


#71
Bromoform
Concen: 0.395 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.007 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Tgt Ion:173 Resp: 1682

Ion	Ratio	Lower	Upper
173	100		
175	46.0	24.2	72.6
254	0.0	0.1	0.1#



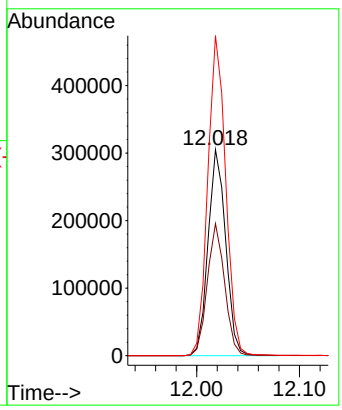


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX047117.D
Acq: 24 Jul 2025 14:08

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Tgt Ion:152 Resp: 363979

Ion	Ratio	Lower	Upper
152	100		
115	63.3	45.6	136.7
150	157.2	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047115.D
Acq On : 24 Jul 2025 13:26
Operator : JC/MD
Sample : Q2481-13 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 25 01:22:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.617	168	306378	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	6.812	114	578026	50.000	ug/l	0.04
63) Chlorobenzene-d5	10.079	117	434831	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.030	152	264294	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	193518	50.706	ug/l	0.07
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.420%			
35) Dibromofluoromethane	5.470	113	139773	39.164	ug/l	0.07
Spiked Amount 50.000	Range 75 - 124		Recovery = 78.320%			
50) Toluene-d8	8.671	98	648898	56.143	ug/l	0.02
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.280%#			
62) 4-Bromofluorobenzene	11.091	95	235736	47.329	ug/l	0.01
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.660%			
Target Compounds						Qvalue
16) Acetone	2.398	43	631670m	413.153	ug/l	
41) Methacrylonitrile	5.062	41	840264m	286.679	ug/l	
52) Toluene	8.738	92	820403	75.785	ug/l	100

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

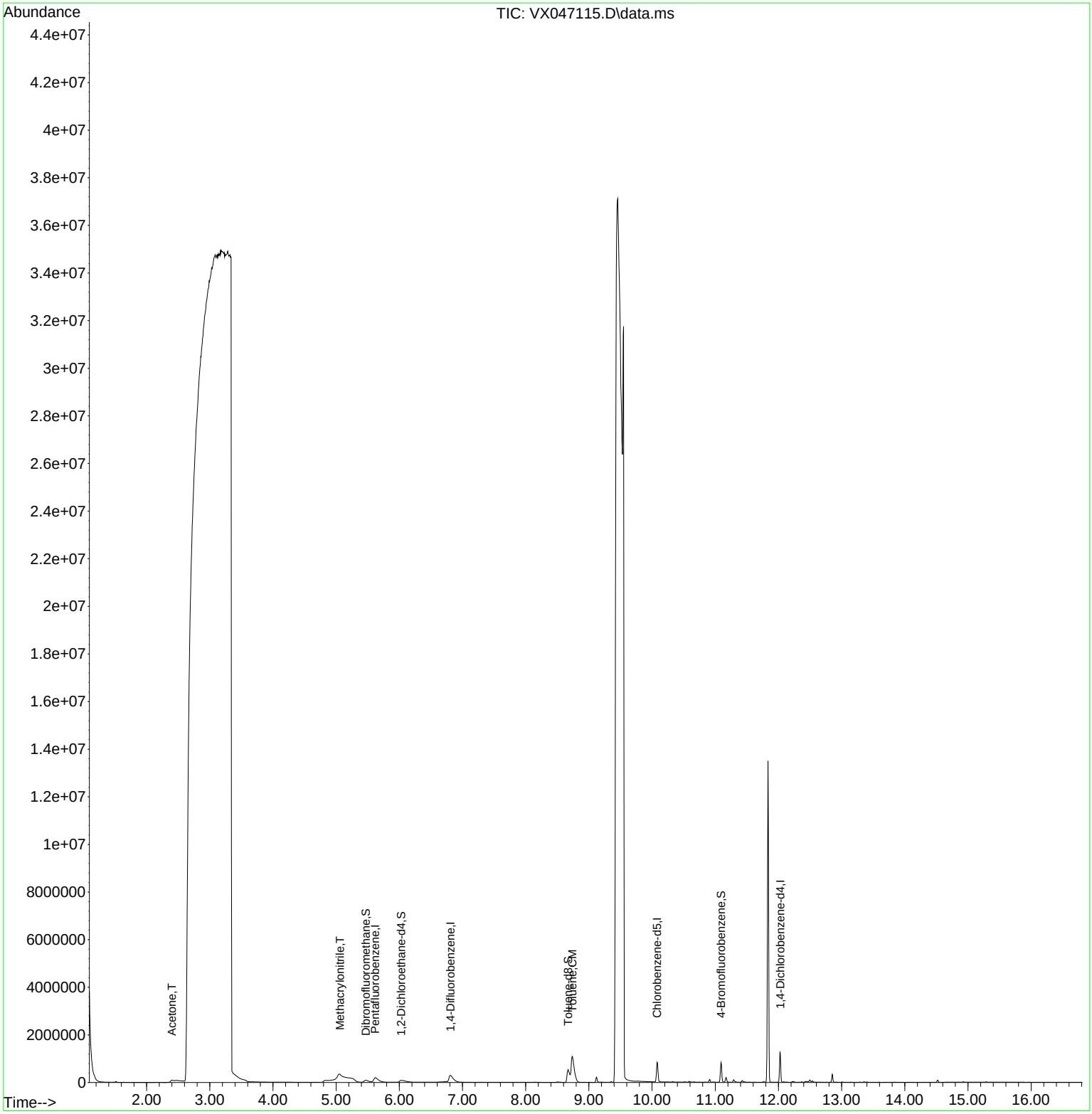
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047115.D
Acq On : 24 Jul 2025 13:26
Operator : JC/MD
Sample : Q2481-13 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

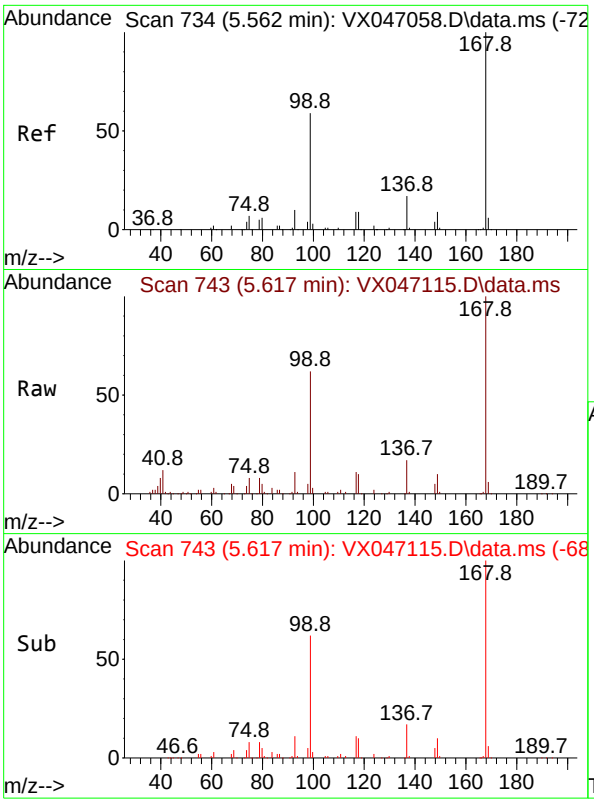
Quant Time: Jul 25 01:22:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

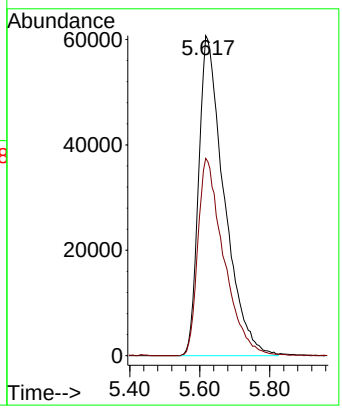




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.617 min Scan# 7
Delta R.T. 0.055 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion:168 Resp: 30637

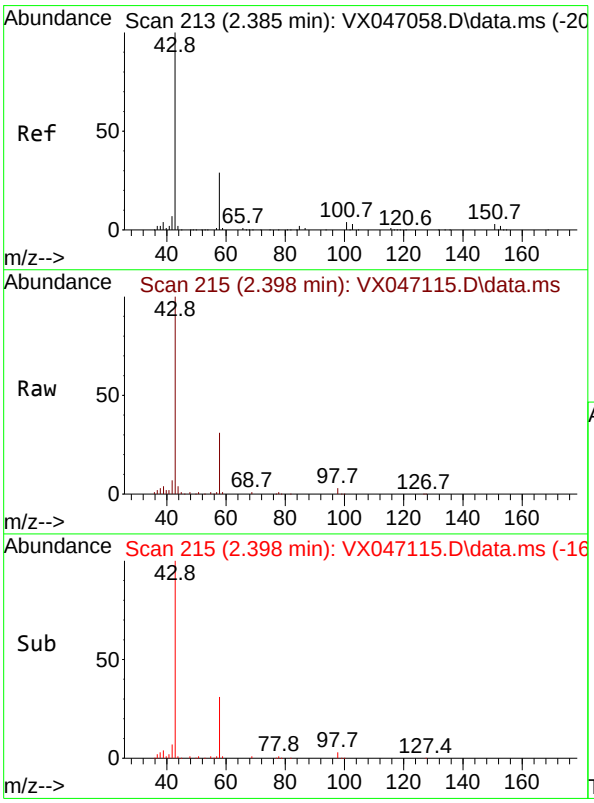
Ion	Ratio	Lower	Upper
168	100		
99	61.6	48.0	72.0



Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations
APPROVED

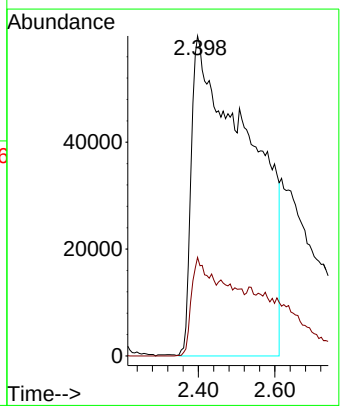
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

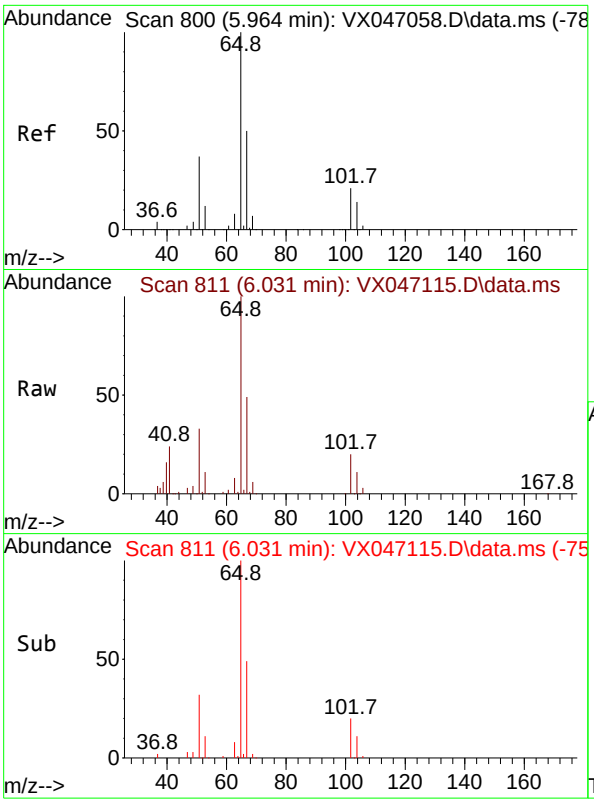


#16
Acetone
Concen: 413.153 ug/l m
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion: 43 Resp: 631670

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0

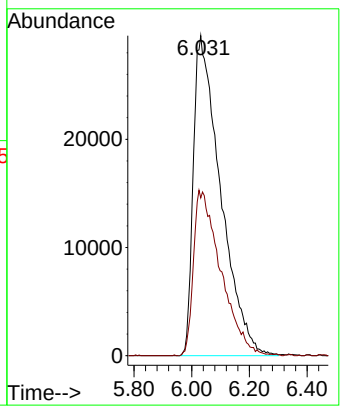




#33
1,2-Dichloroethane-d4
Concen: 50.706 ug/l
RT: 6.031 min Scan# 8
Delta R.T. 0.067 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion: 65 Resp: 19351

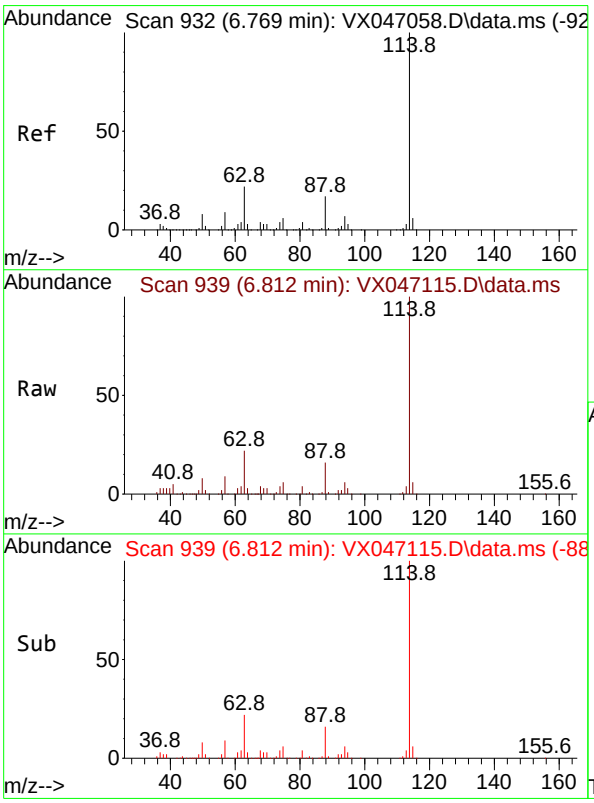
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.8



Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

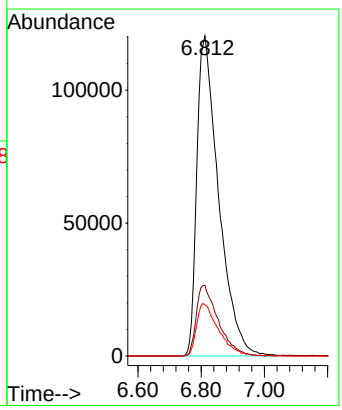
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

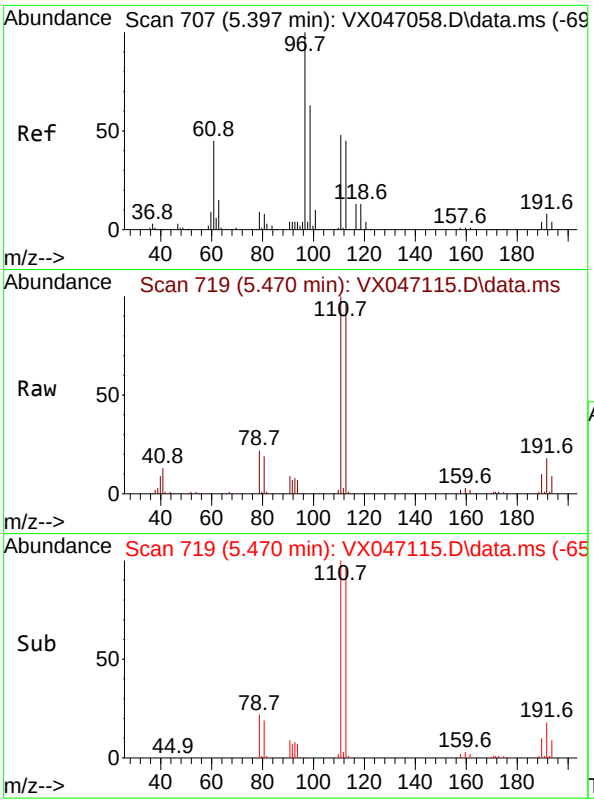


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.812 min Scan# 939
Delta R.T. 0.043 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion:114 Resp: 578026

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	16.1	0.0	33.8

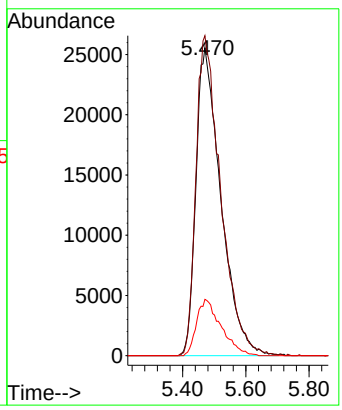




#35
Dibromofluoromethane
Concen: 39.164 ug/l
RT: 5.470 min Scan# 7
Delta R.T. 0.073 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion:113 Resp: 13977

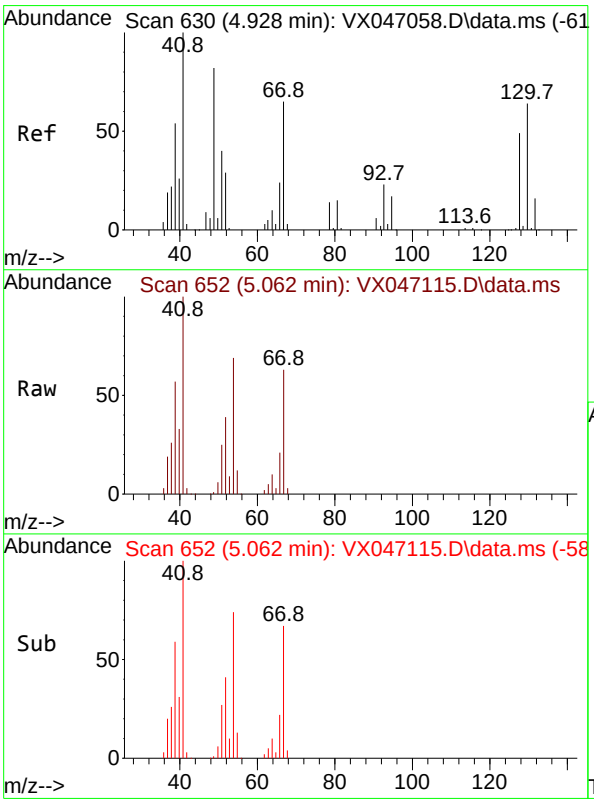
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	18.1	14.9	22.3



Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

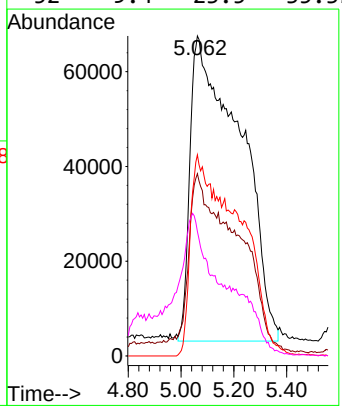
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

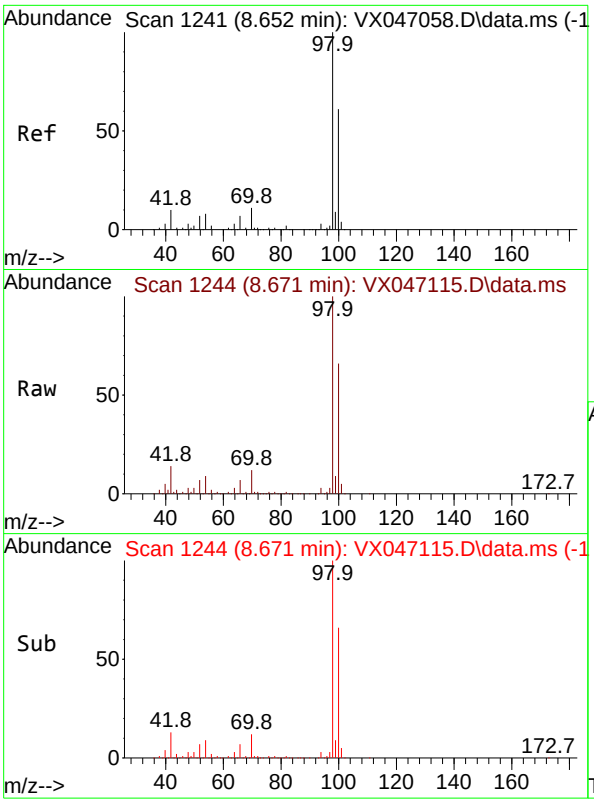


#41
Methacrylonitrile
Concen: 286.679 ug/l m
RT: 5.062 min Scan# 652
Delta R.T. 0.134 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion: 41 Resp: 840264

Ion	Ratio	Lower	Upper
41	100		
39	28.6	44.2	66.2#
67	43.3	56.4	84.6#
52	9.4	23.5	35.3#

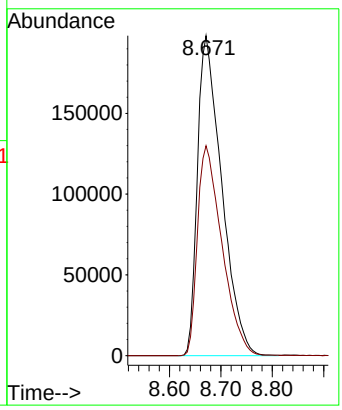




#50
Toluene-d8
Concen: 56.143 ug/l
RT: 8.671 min Scan# 1
Delta R.T. 0.019 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion: 98 Resp: 64889

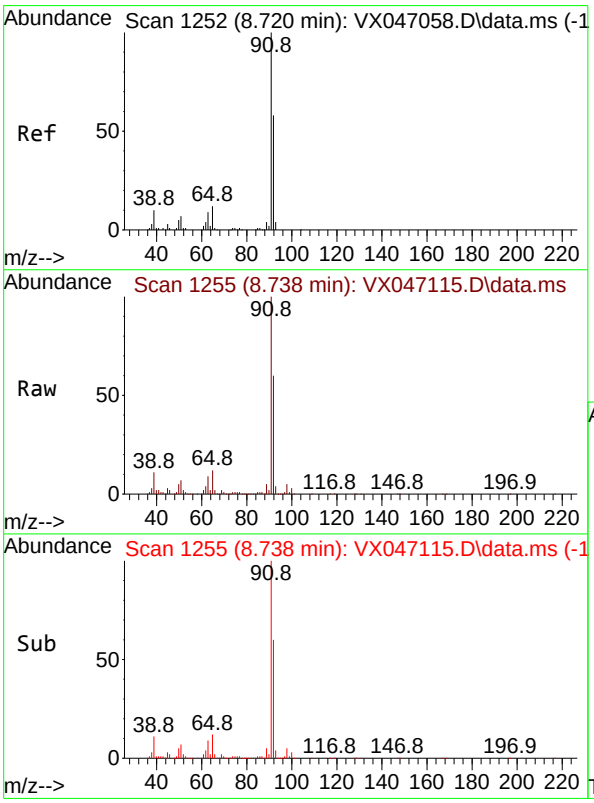
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9



Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations
APPROVED

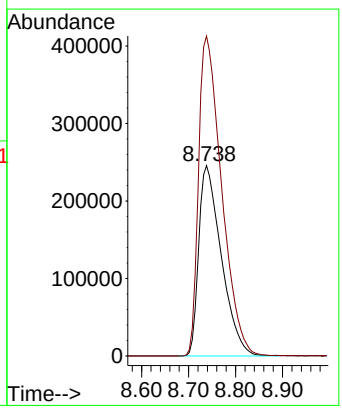
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

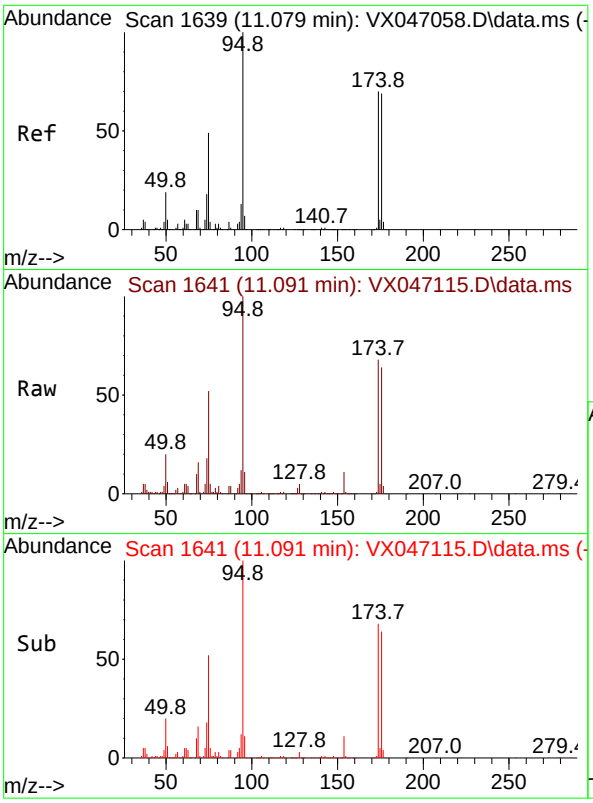


#52
Toluene
Concen: 75.785 ug/l
RT: 8.738 min Scan# 1255
Delta R.T. 0.019 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion: 92 Resp: 820403

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.9	206.9

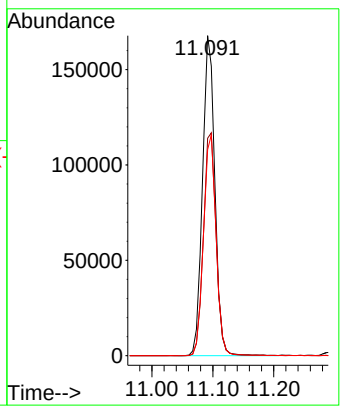




#62
4-Bromofluorobenzene
Concen: 47.329 ug/l
RT: 11.091 min Scan# 1
Delta R.T. 0.013 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion: 95 Resp: 23573

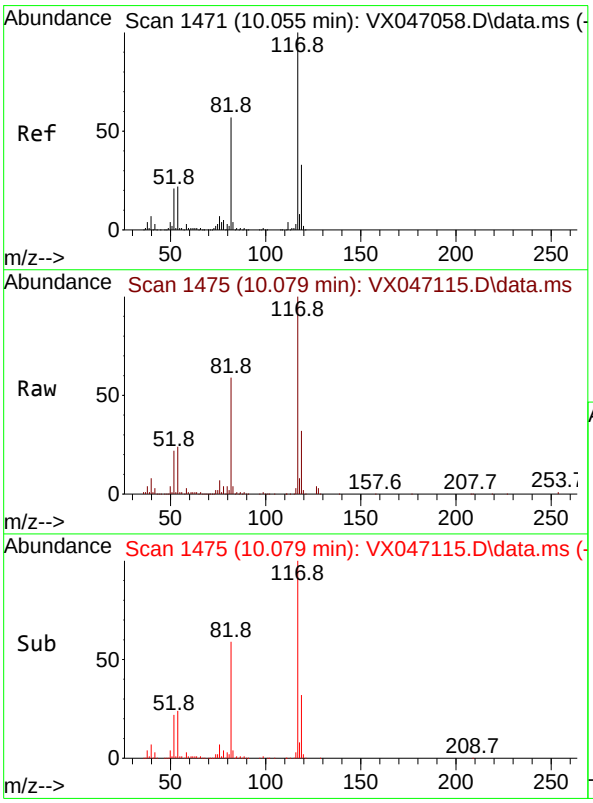
Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	144.6
176	70.7	0.0	139.6



Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations
APPROVED

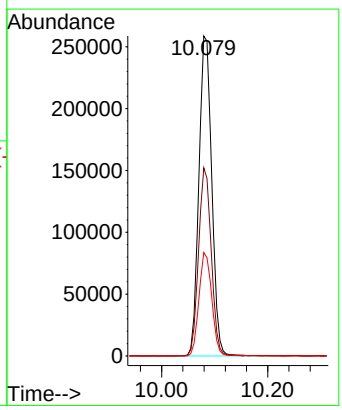
Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

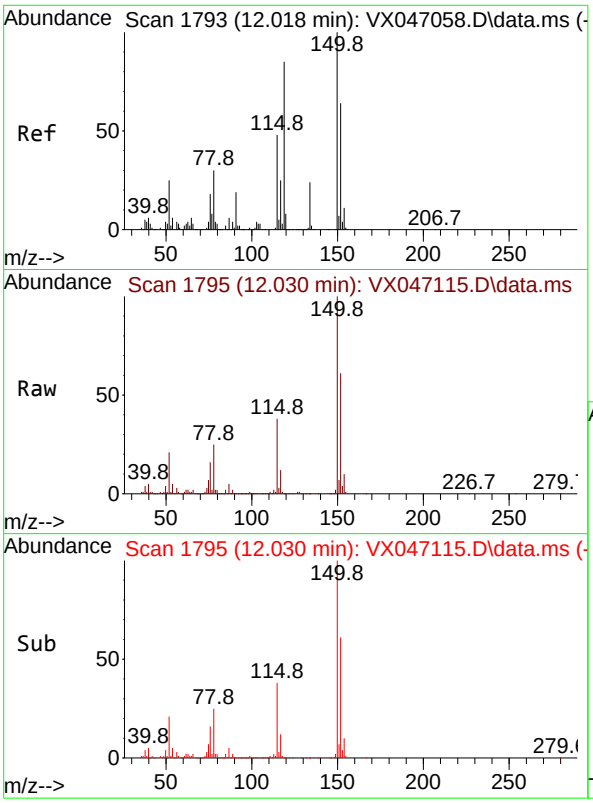


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.025 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion:117 Resp: 434831

Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.4	68.2
119	32.3	26.1	39.1

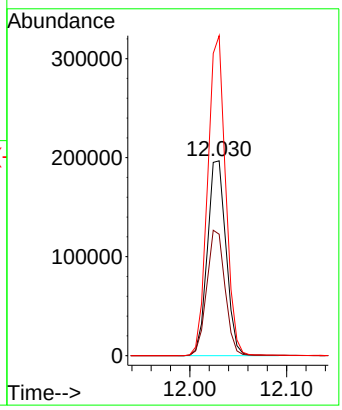




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1
Delta R.T. 0.013 min
Lab File: VX047115.D
Acq: 24 Jul 2025 13:26

Tgt Ion:152 Resp: 26429

Ion	Ratio	Lower	Upper
152	100		
115	63.1	45.6	136.7
150	158.1	0.0	354.6



Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047114.D
Acq On : 24 Jul 2025 13:06
Operator : JC/MD
Sample : Q2481-14 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

Quant Time: Jul 25 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

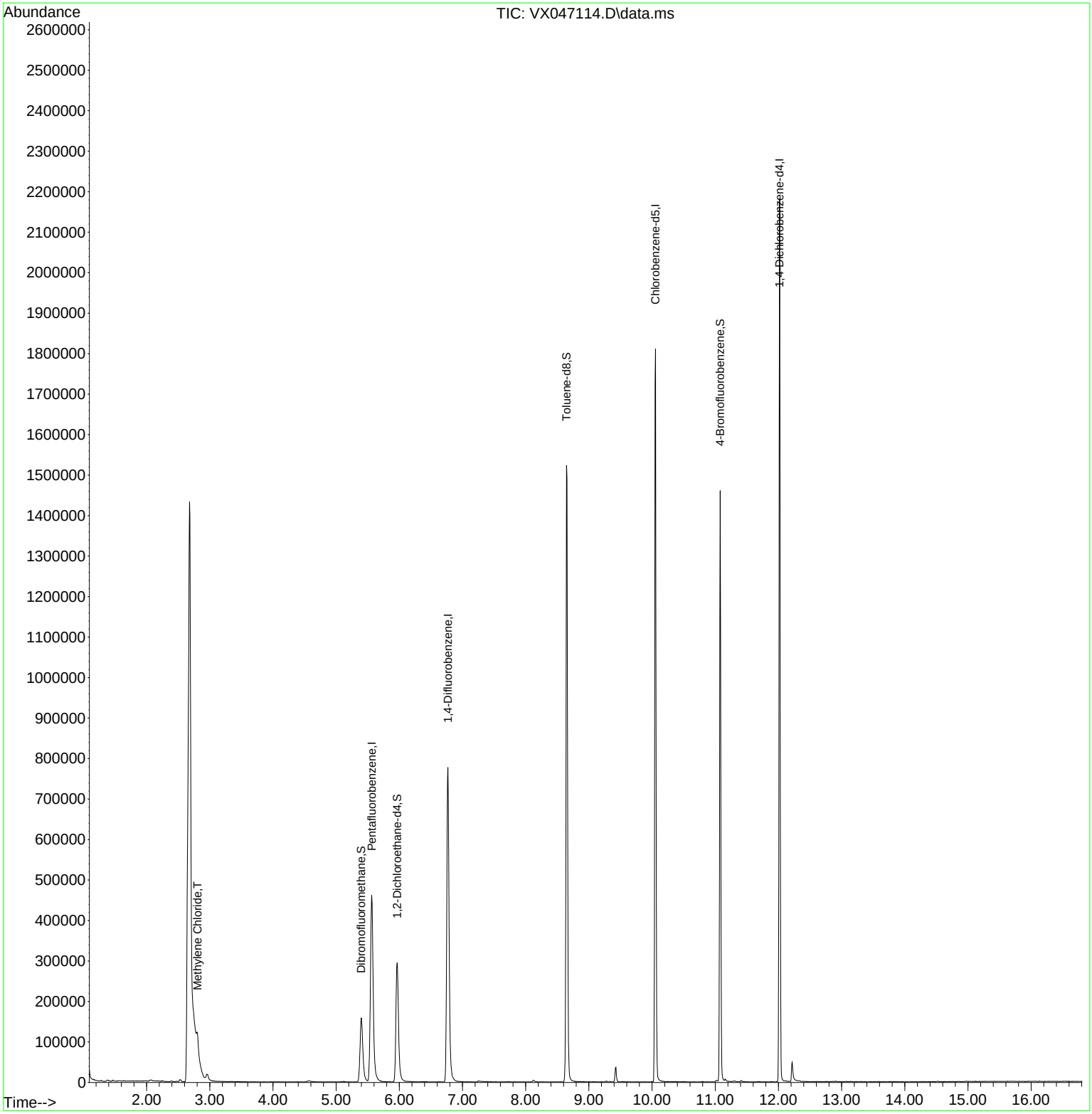
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	452175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	826688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	795791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	405857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	314379	55.813	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.620%			
35) Dibromofluoromethane	5.397	113	150580	29.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 59.000%#			
50) Toluene-d8	8.647	98	928052	56.144	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.280%#			
62) 4-Bromofluorobenzene	11.079	95	382770	53.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.460%			
Target Compounds						Qvalue
20) Methylene Chloride	2.806	84	16950	2.730	ug/l	95

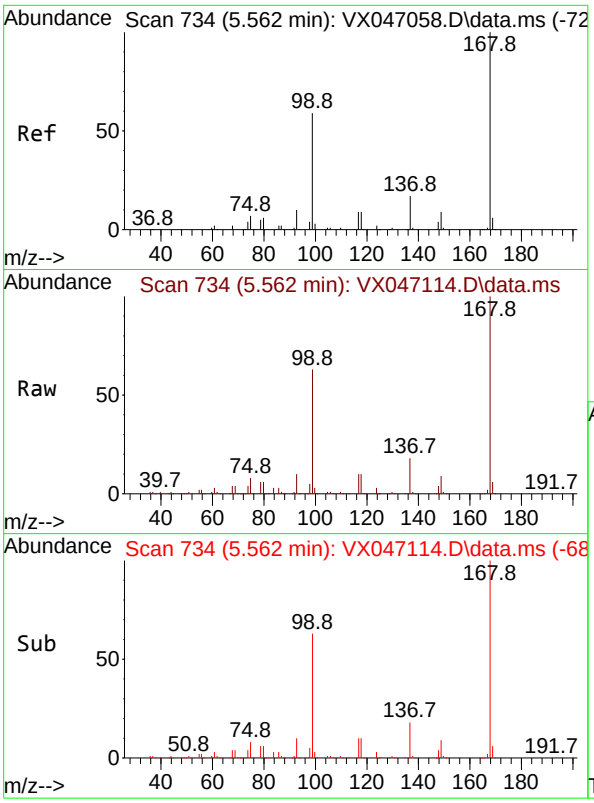
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047114.D
Acq On : 24 Jul 2025 13:06
Operator : JC/MD
Sample : Q2481-14 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

Quant Time: Jul 25 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



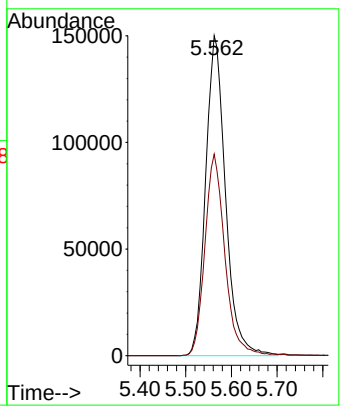


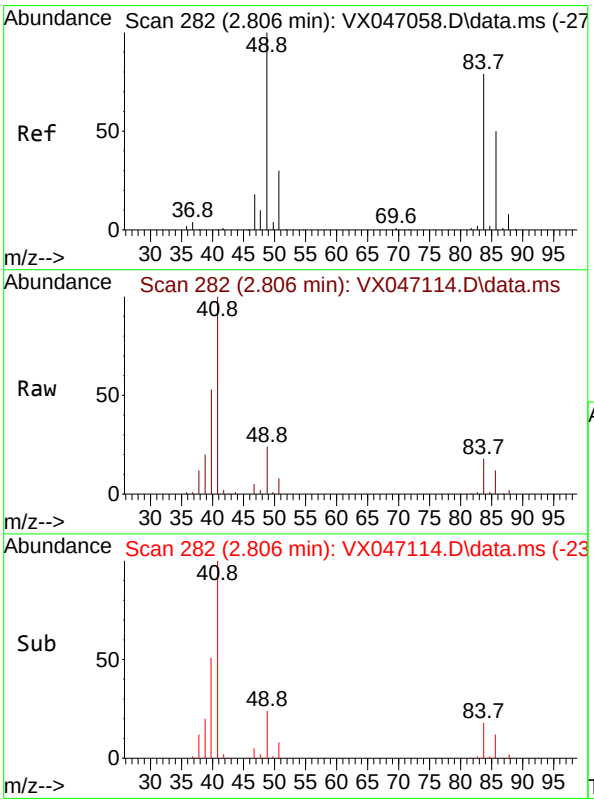
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

Tgt Ion:168 Resp: 452175

Ion	Ratio	Lower	Upper
168	100		
99	63.0	48.0	72.0

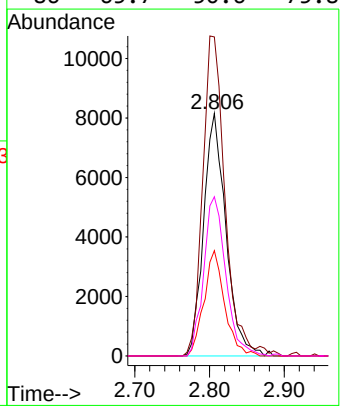


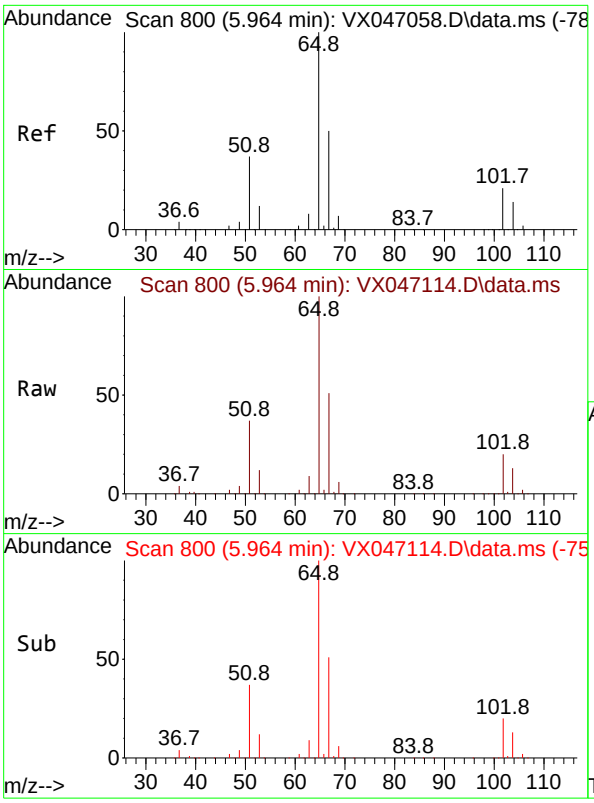


#20
Methylene Chloride
Concen: 2.730 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Tgt Ion: 84 Resp: 16950

Ion	Ratio	Lower	Upper
84	100		
49	131.6	101.6	152.4
51	43.4	30.3	45.5
86	65.7	50.6	75.8



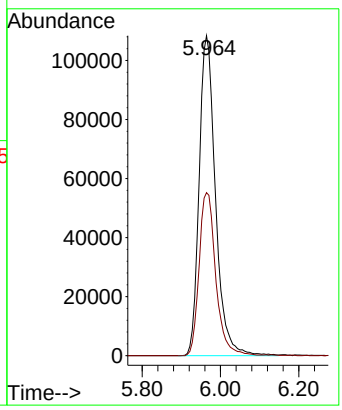


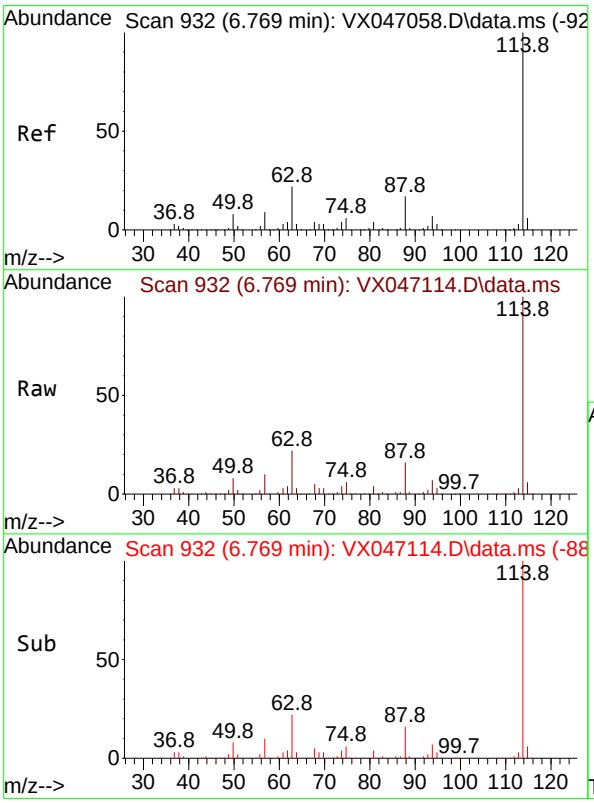
#33
1,2-Dichloroethane-d4
Concen: 55.813 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

Tgt Ion: 65 Resp: 314379

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.8

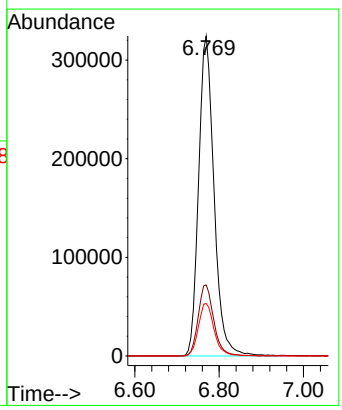


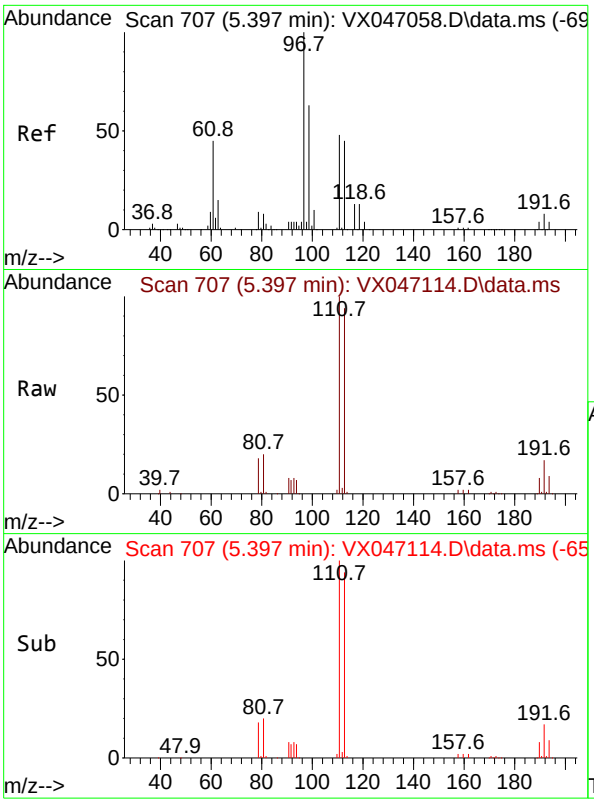


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Tgt Ion:114 Resp: 826688

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	16.4	0.0	33.8



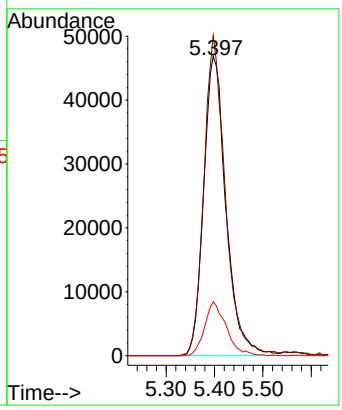


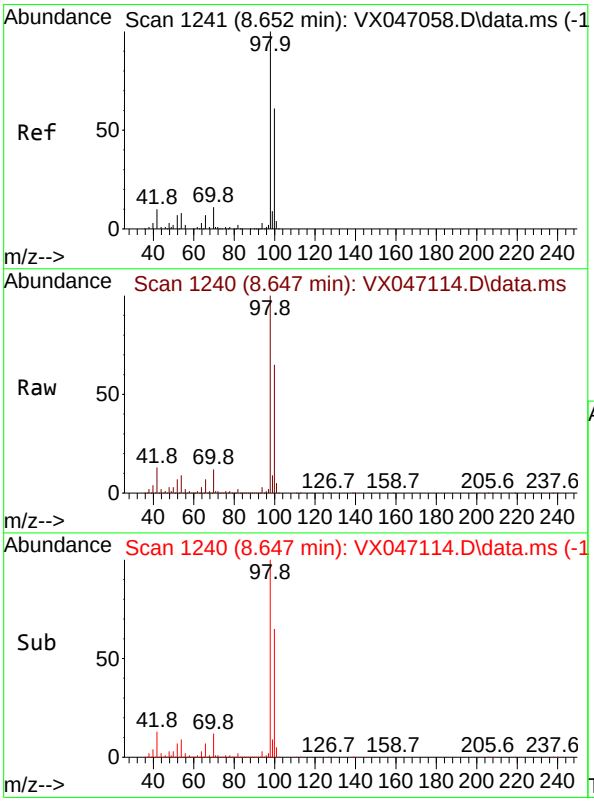
#35
Dibromofluoromethane
Concen: 29.501 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

Tgt Ion:113 Resp: 150580

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	17.4	14.9	22.3

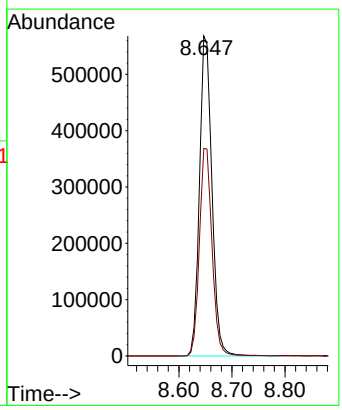


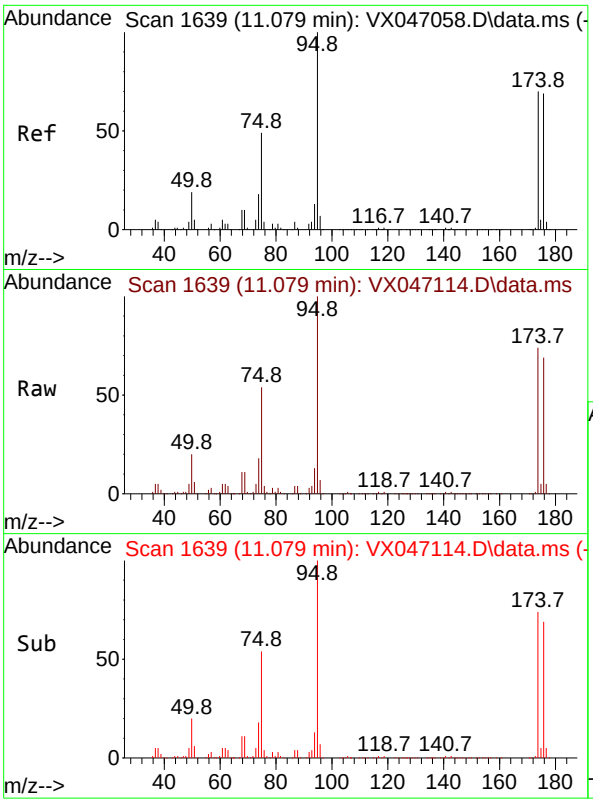


#50
Toluene-d8
Concen: 56.144 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Tgt Ion: 98 Resp: 928052

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.3	79.9



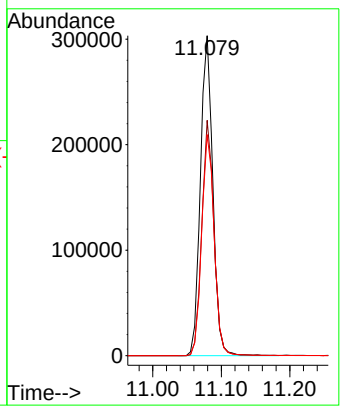


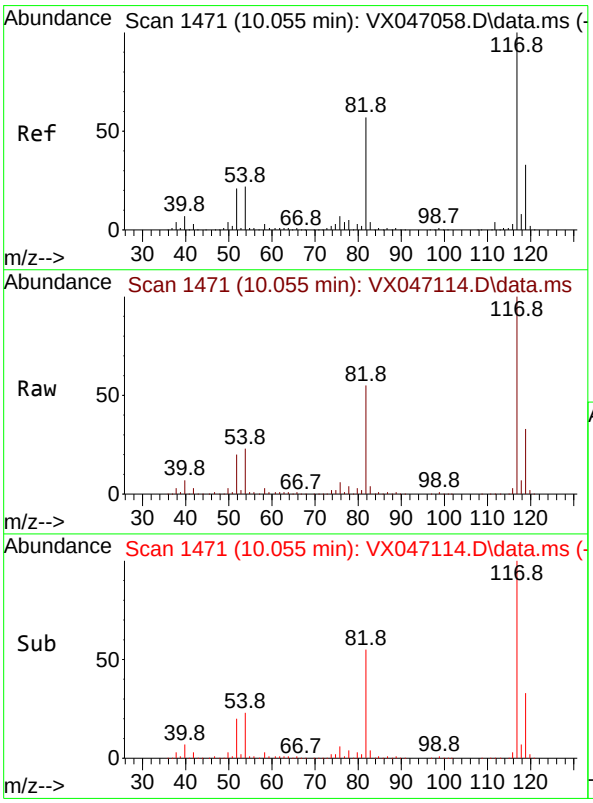
#62
4-Bromofluorobenzene
Concen: 53.733 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

Tgt Ion: 95 Resp: 382770

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	144.6
176	69.7	0.0	139.6

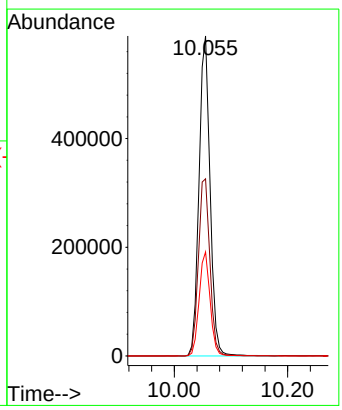


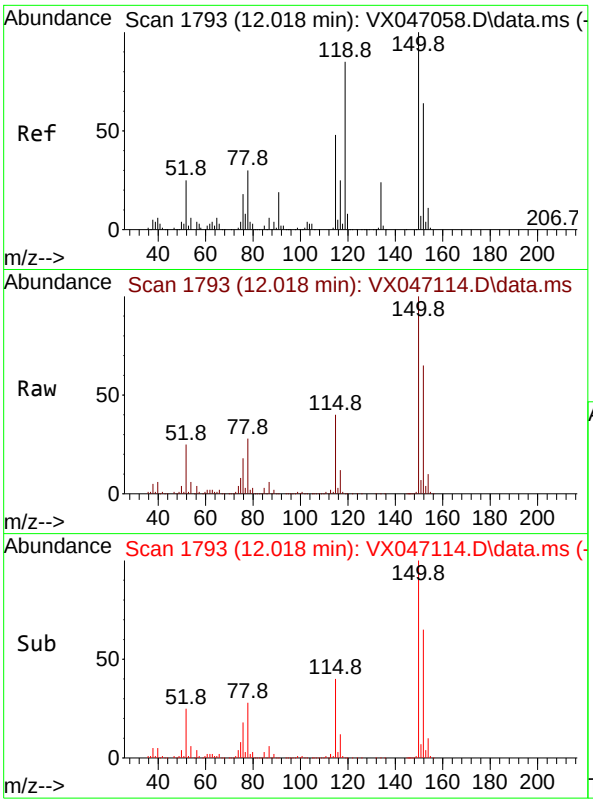


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Tgt Ion:117 Resp: 795791

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.4	68.2
119	32.5	26.1	39.1



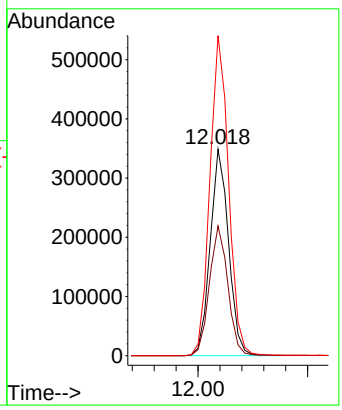


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

Tgt Ion:152 Resp: 405857

Ion	Ratio	Lower	Upper
152	100		
115	63.1	45.6	136.7
150	158.2	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047118.D
Acq On : 24 Jul 2025 14:29
Operator : JC/MD
Sample : Q2481-15 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Quant Time: Jul 25 01:58:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

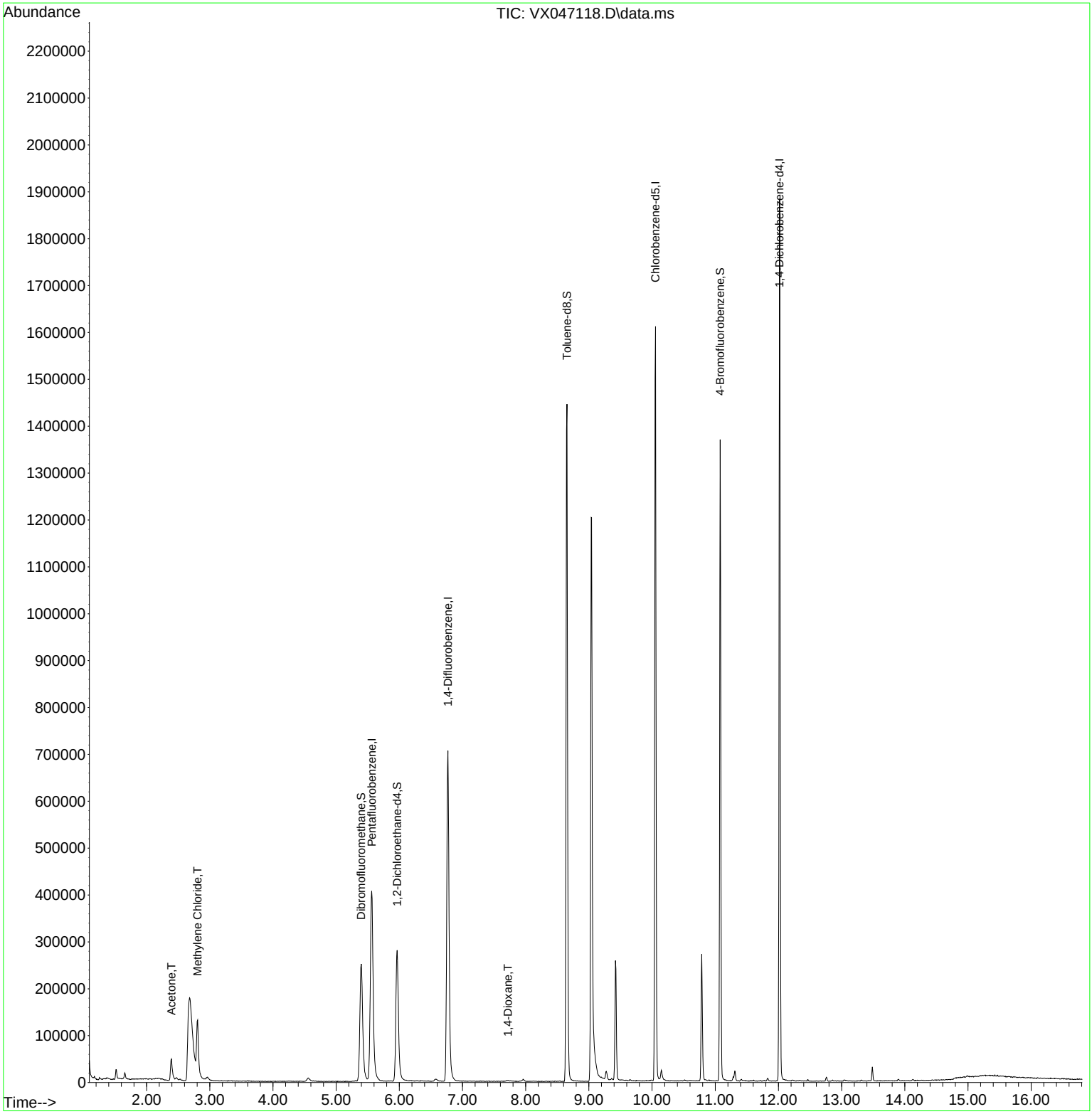
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	401016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	749846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	708181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	355368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	297329	59.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.040%#			
35) Dibromofluoromethane	5.397	113	238248	51.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.653	98	867547	57.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 115.720%#			
62) 4-Bromofluorobenzene	11.079	95	359727	55.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.340%			
Target Compounds						Qvalue
16) Acetone	2.392	43	67495	33.728	ug/l	96
20) Methylene Chloride	2.806	84	55826	10.140	ug/l	99
49) 1,4-Dioxane	7.720	88	2646	37.669	ug/l #	69

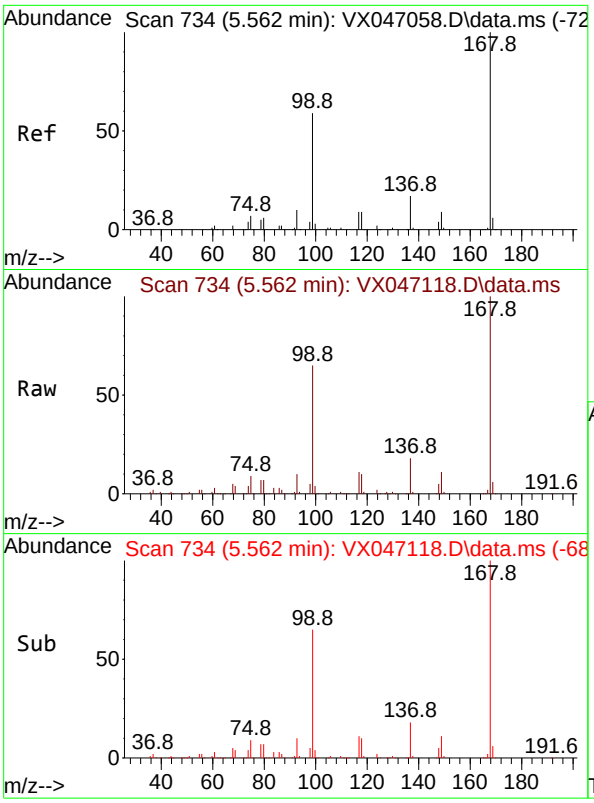
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047118.D
Acq On : 24 Jul 2025 14:29
Operator : JC/MD
Sample : Q2481-15 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Quant Time: Jul 25 01:58:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



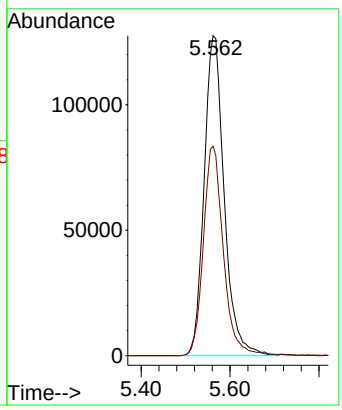


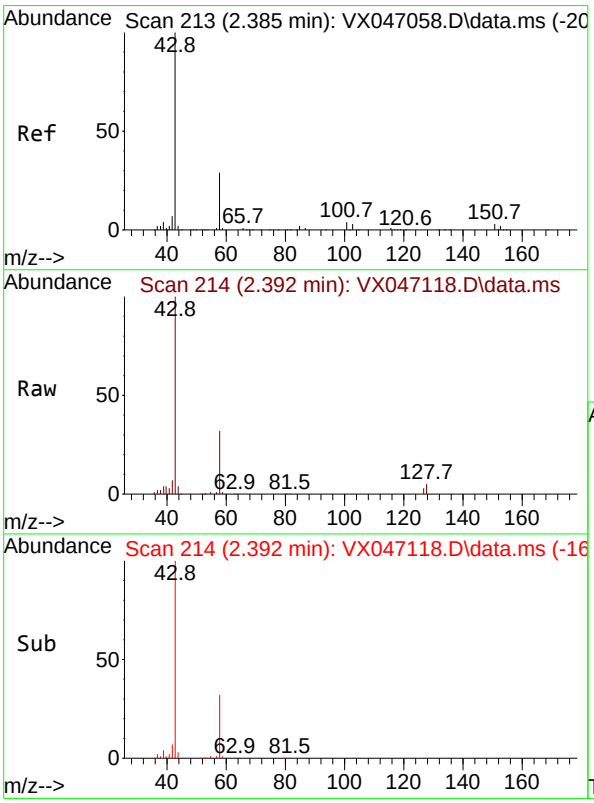
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Tgt Ion:168 Resp: 401016

Ion	Ratio	Lower	Upper
168	100		
99	65.5	48.0	72.0

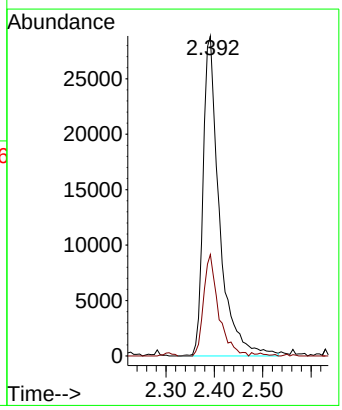


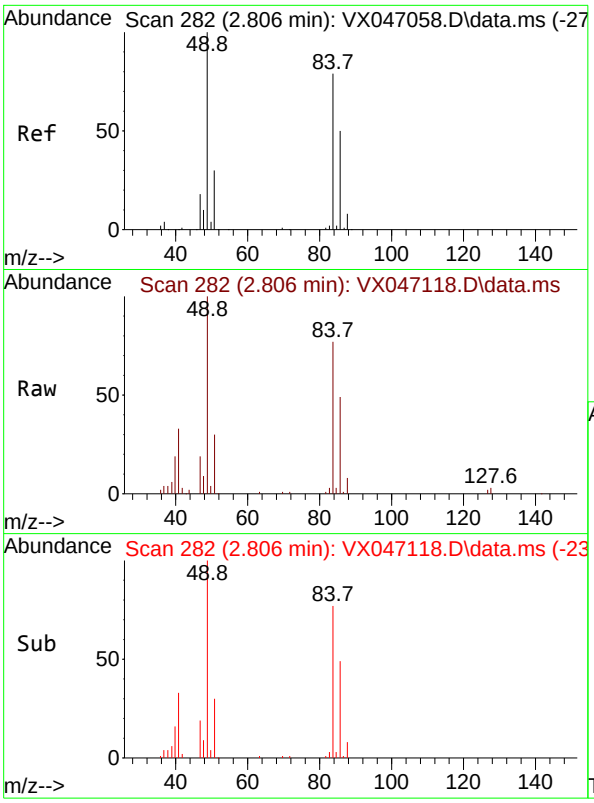


#16
Acetone
Concen: 33.728 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Tgt Ion: 43 Resp: 67495

Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.0	36.0



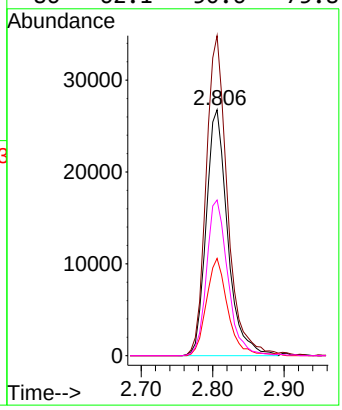


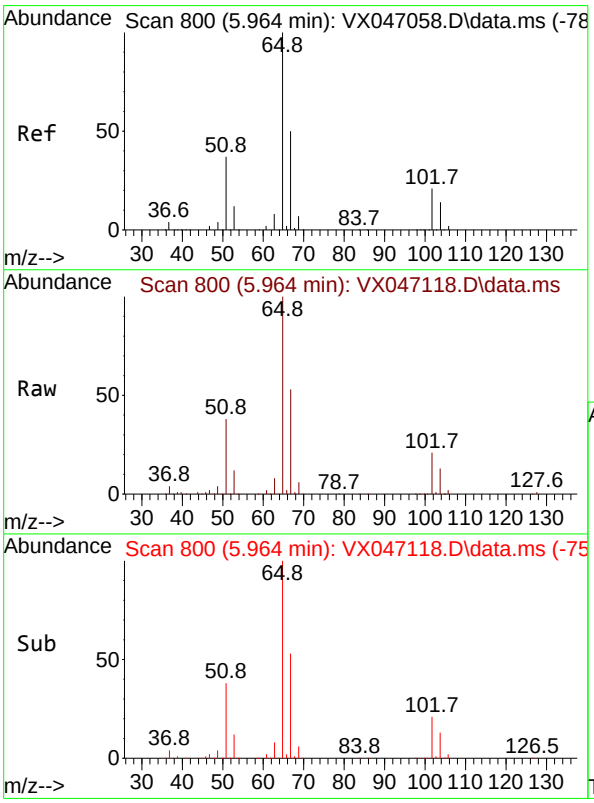
#20
Methylene Chloride
Concen: 10.140 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Tgt Ion: 84 Resp: 55826

Ion	Ratio	Lower	Upper
84	100		
49	125.6	101.6	152.4
51	38.2	30.3	45.5
86	62.1	50.6	75.8

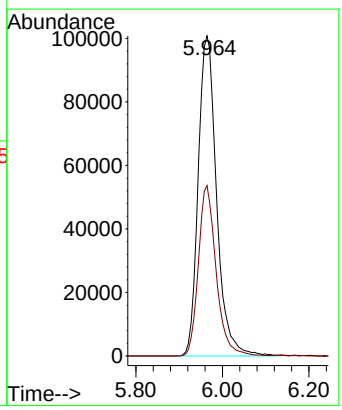


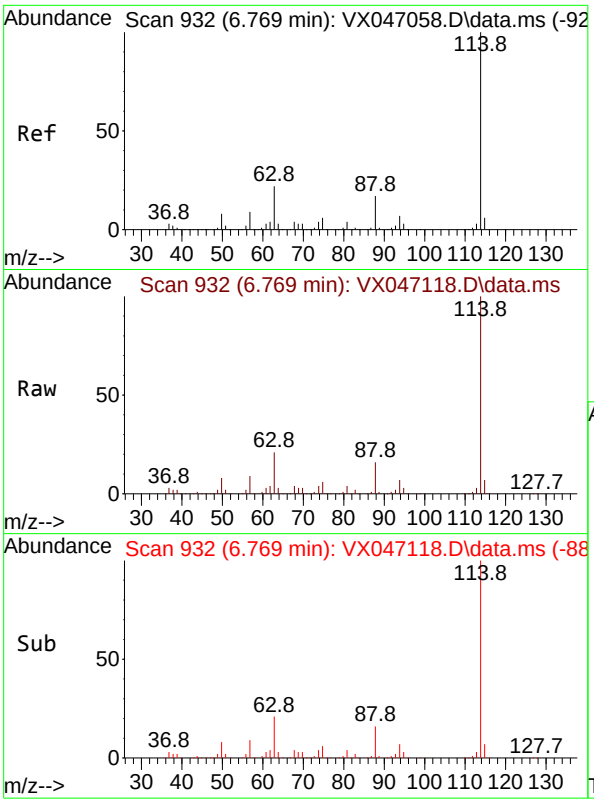


#33
1,2-Dichloroethane-d4
Concen: 59.521 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Tgt Ion: 65 Resp: 297329

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.8



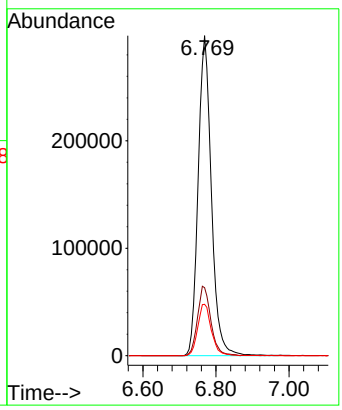


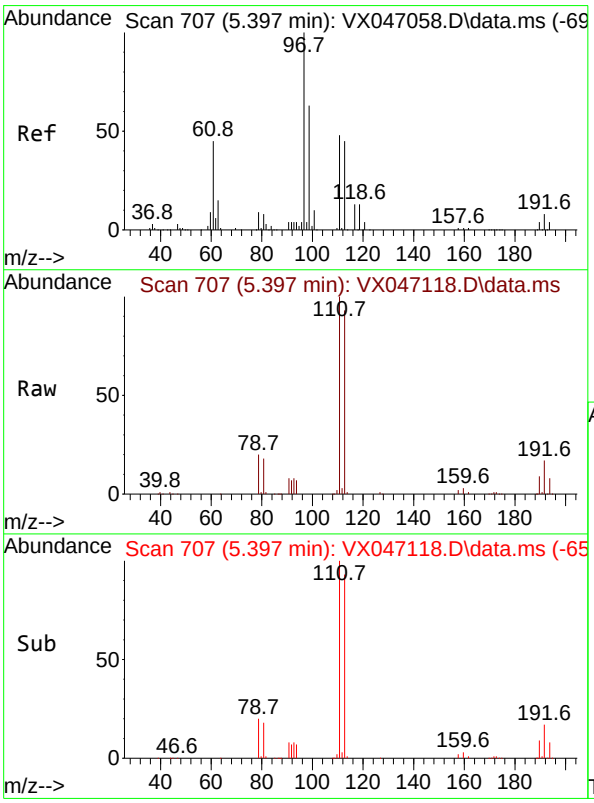
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Tgt Ion:114 Resp: 749846

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	16.0	0.0	33.8

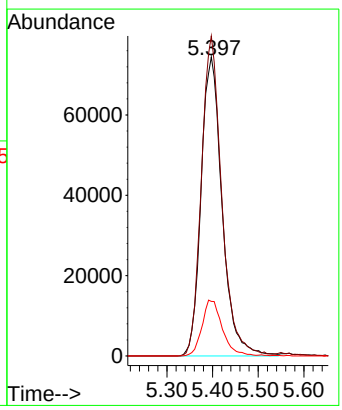


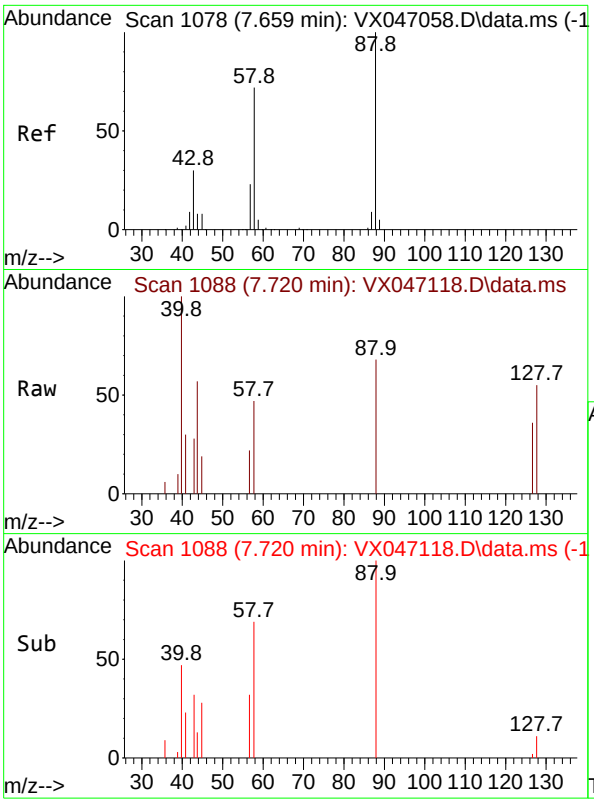


#35
Dibromofluoromethane
Concen: 51.460 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Tgt Ion:113 Resp: 238248

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	18.0	14.9	22.3



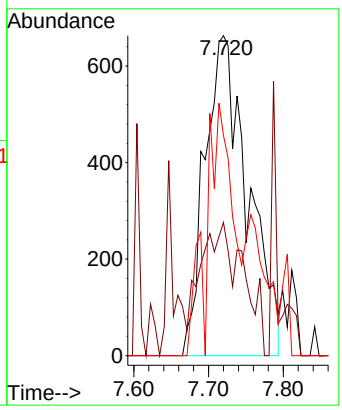


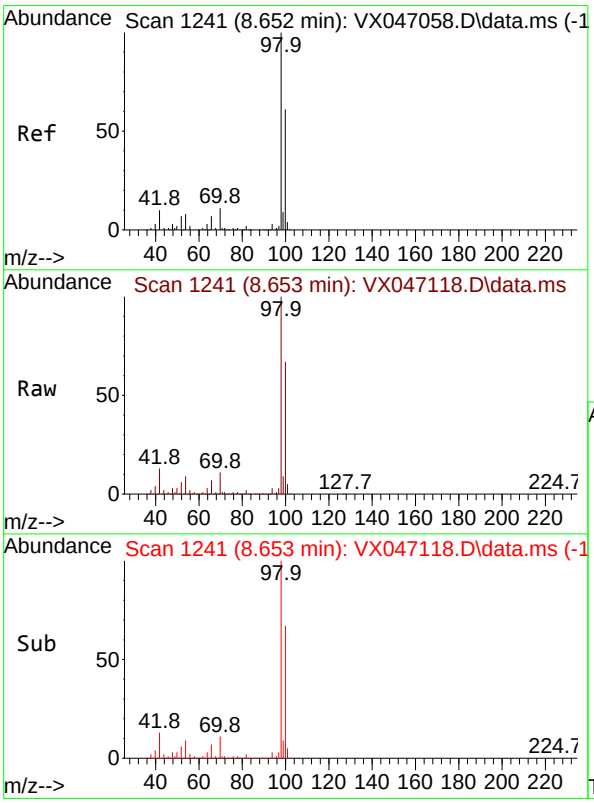
#49
1,4-Dioxane
Concen: 37.669 ug/l
RT: 7.720 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Tgt Ion: 88 Resp: 2646

Ion	Ratio	Lower	Upper
88	100		
43	21.2	33.6	50.4#
58	48.9	58.8	88.2#

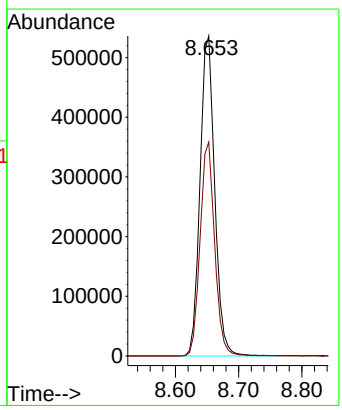


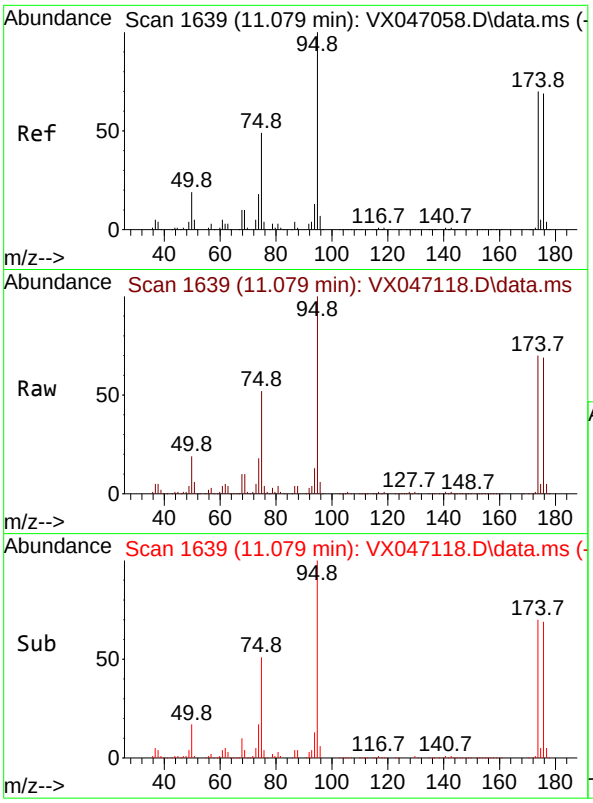


#50
Toluene-d8
Concen: 57.862 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Tgt Ion: 98 Resp: 867547

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9



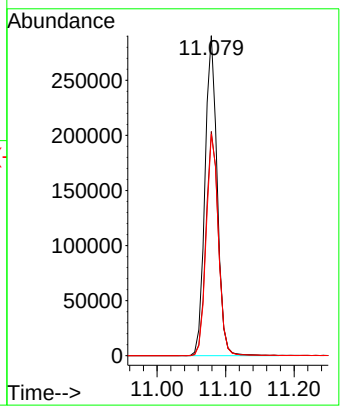


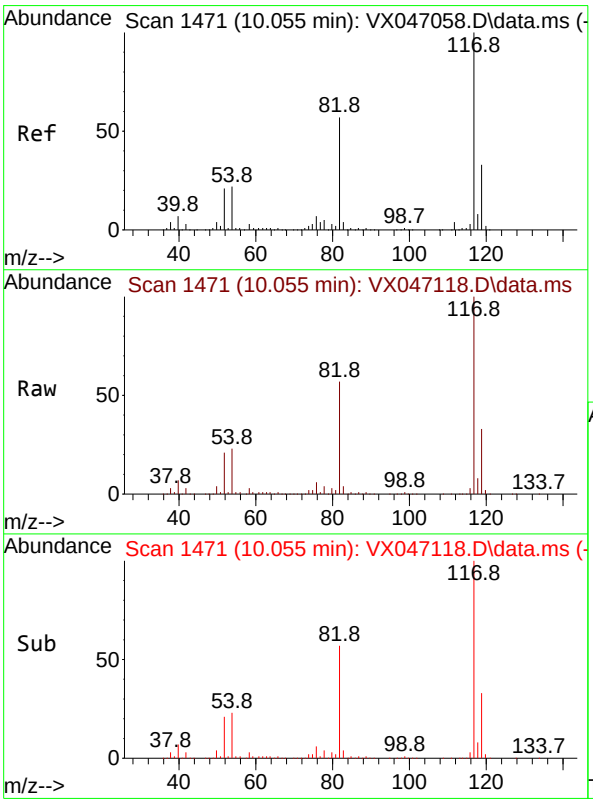
#62
4-Bromofluorobenzene
Concen: 55.674 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Tgt Ion: 95 Resp: 359727

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	144.6
176	69.5	0.0	139.6

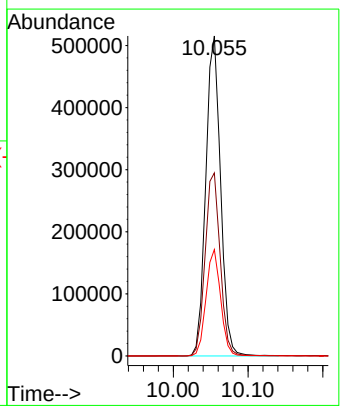


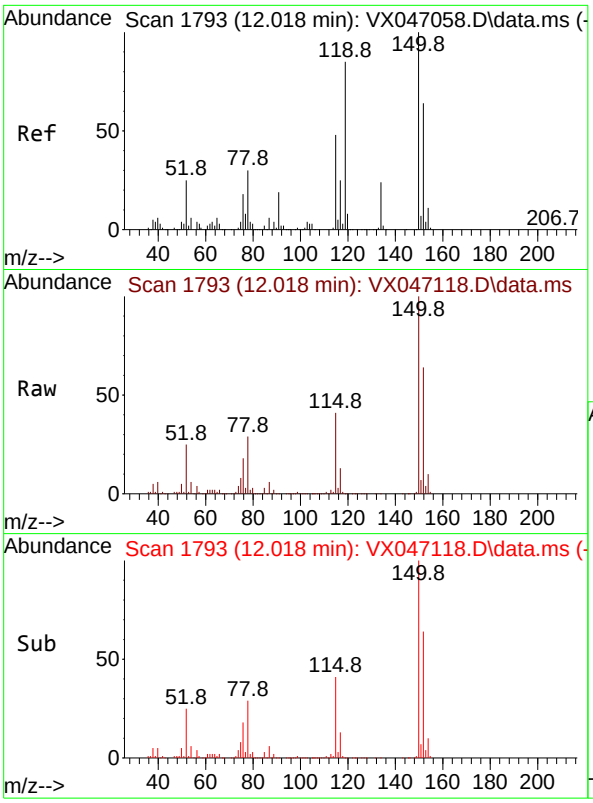


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Tgt Ion:117 Resp: 708181

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.4	68.2
119	33.2	26.1	39.1



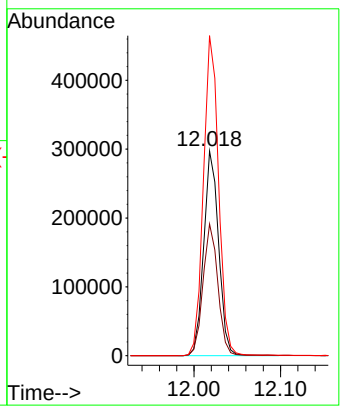


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047118.D
Acq: 24 Jul 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

Tgt Ion:152 Resp: 355368

Ion	Ratio	Lower	Upper
152	100		
115	64.3	45.6	136.7
150	159.4	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047119.D
Acq On : 24 Jul 2025 14:50
Operator : JC/MD
Sample : Q2481-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Quant Time: Jul 25 01:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

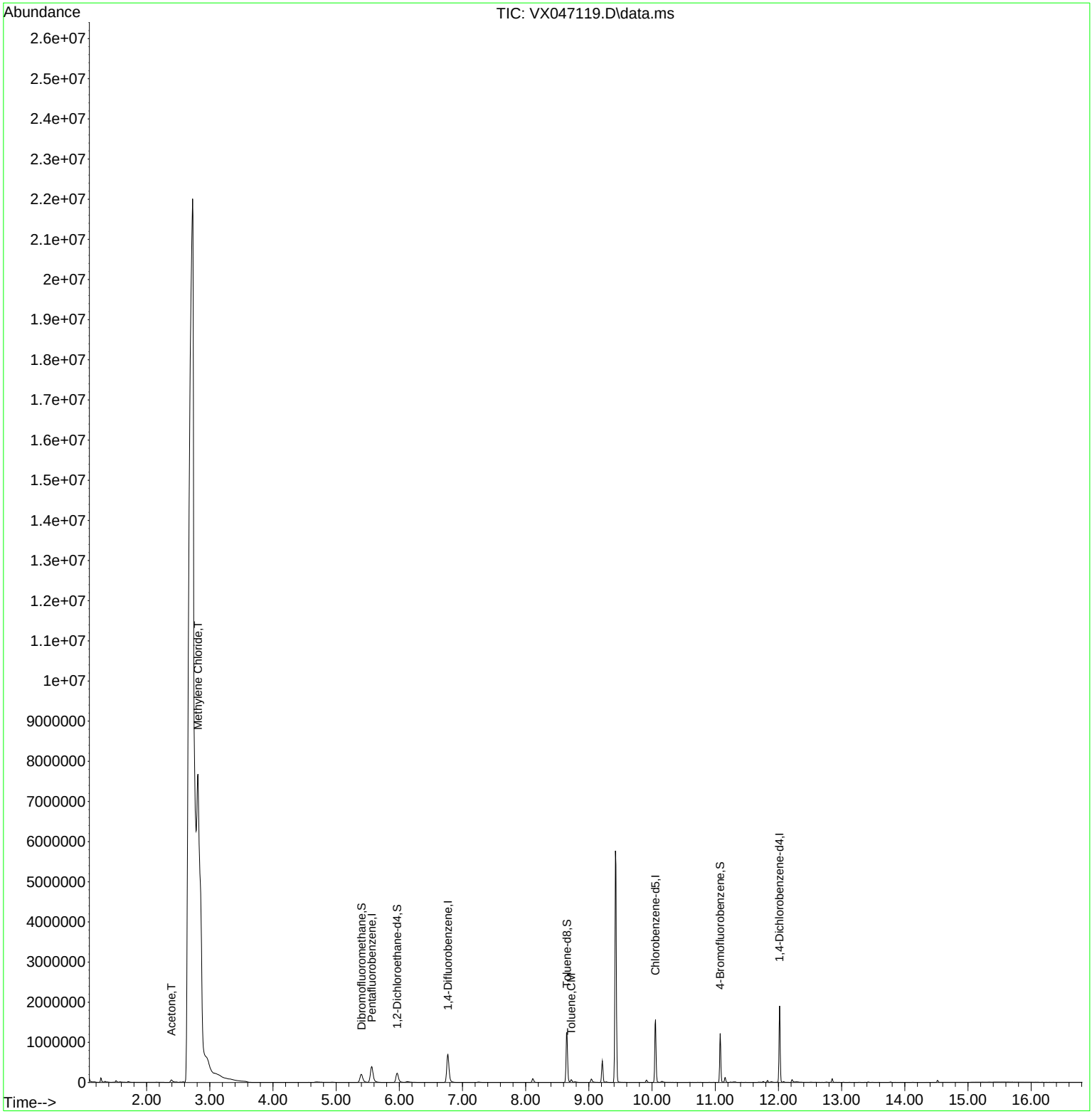
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	396009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	749209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	689935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	372334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	246707	50.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.020%			
35) Dibromofluoromethane	5.403	113	196961	42.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 85.160%			
50) Toluene-d8	8.653	98	767237	51.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	319376	49.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.940%			
Target Compounds						Qvalue
16) Acetone	2.392	43	108888	55.100	ug/l	98
20) Methylene Chloride	2.812	84	1182210	217.451	ug/l	96
52) Toluene	8.720	92	26302	1.875	ug/l	98

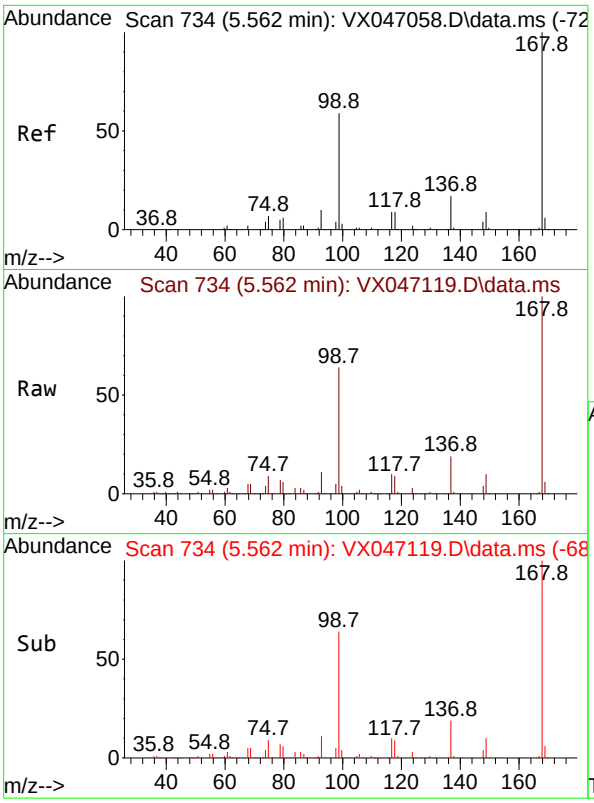
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047119.D
Acq On : 24 Jul 2025 14:50
Operator : JC/MD
Sample : Q2481-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Quant Time: Jul 25 01:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



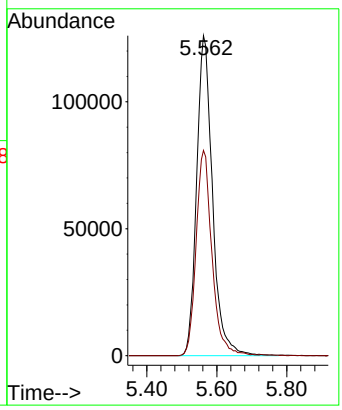


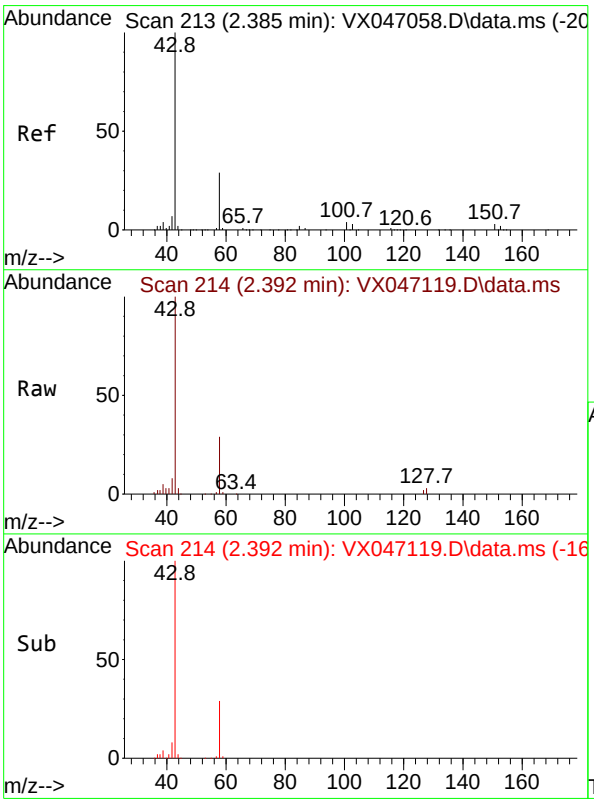
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Tgt Ion:168 Resp: 396009

Ion	Ratio	Lower	Upper
168	100		
99	64.2	48.0	72.0

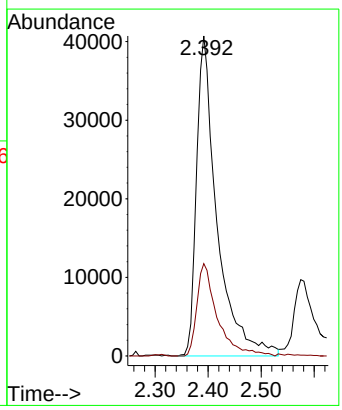


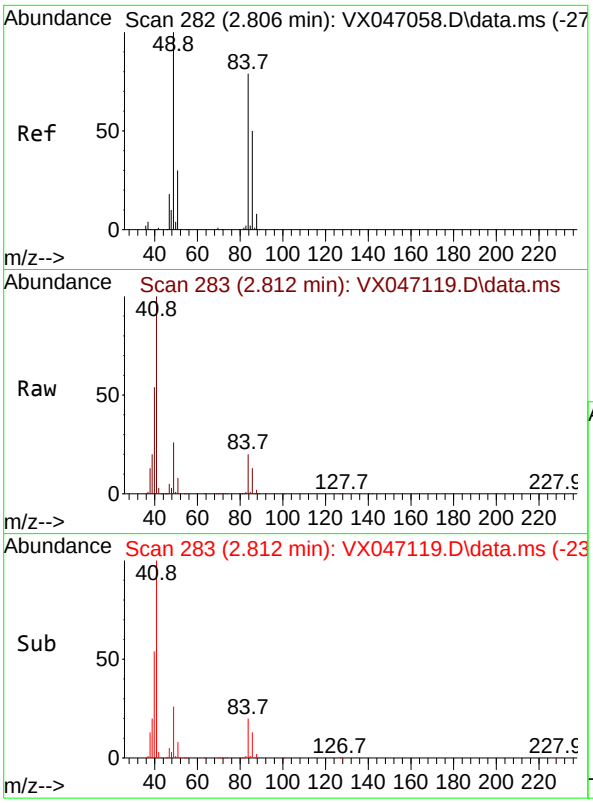


#16
Acetone
Concen: 55.100 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Tgt Ion: 43 Resp: 108888

Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.0	36.0



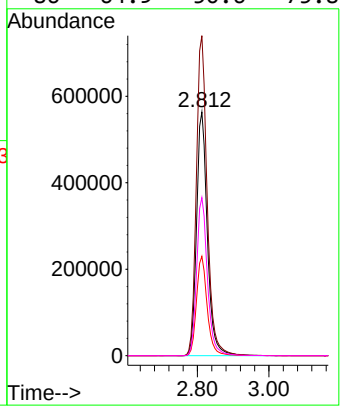


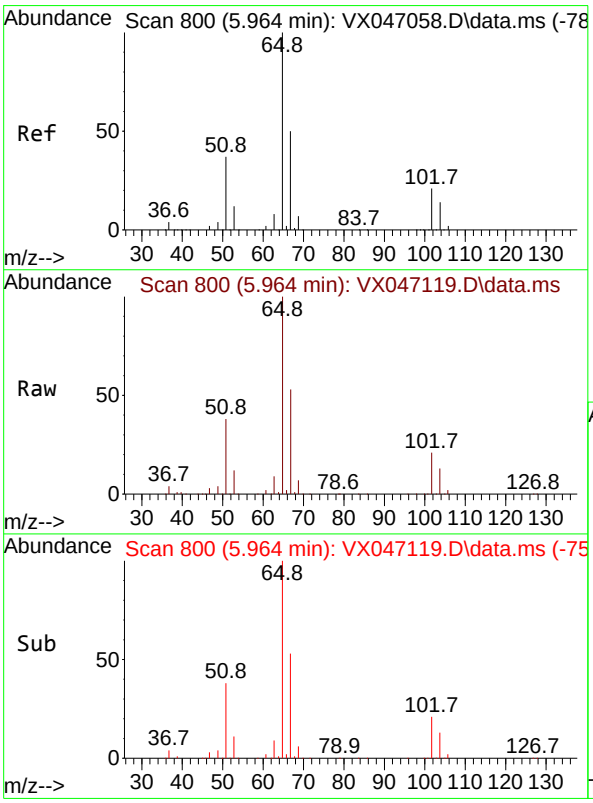
#20
Methylene Chloride
Concen: 217.451 ug/l
RT: 2.812 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Tgt Ion: 84 Resp: 1182210

Ion	Ratio	Lower	Upper
84	100		
49	131.4	101.6	152.4
51	40.8	30.3	45.5
86	64.9	50.6	75.8

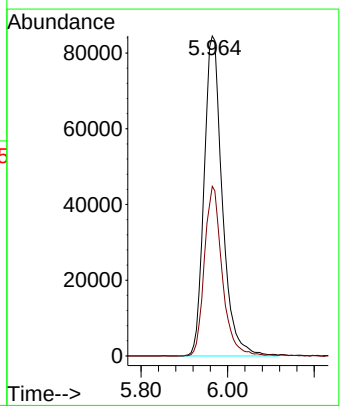


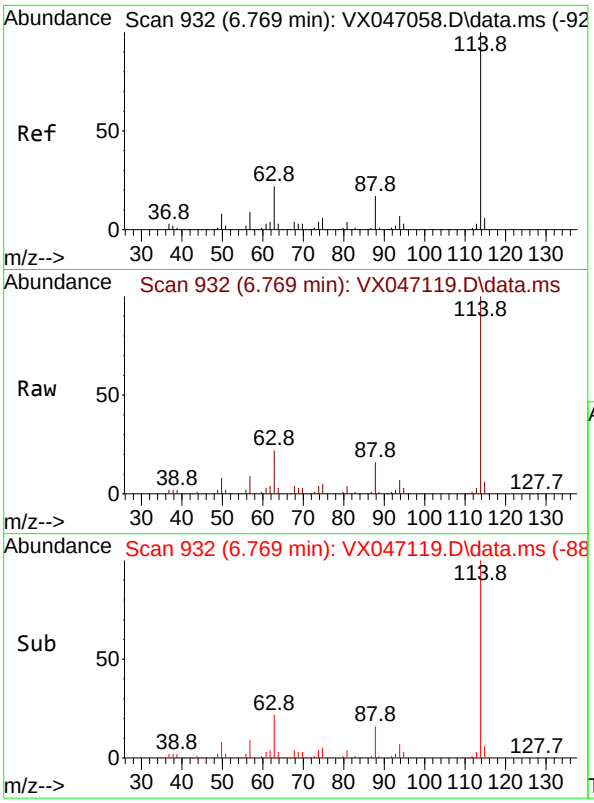


#33
1,2-Dichloroethane-d4
Concen: 50.011 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Tgt Ion: 65 Resp: 246707

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.8



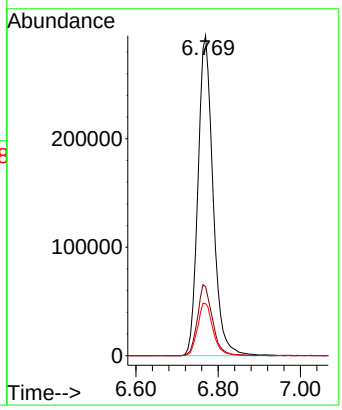


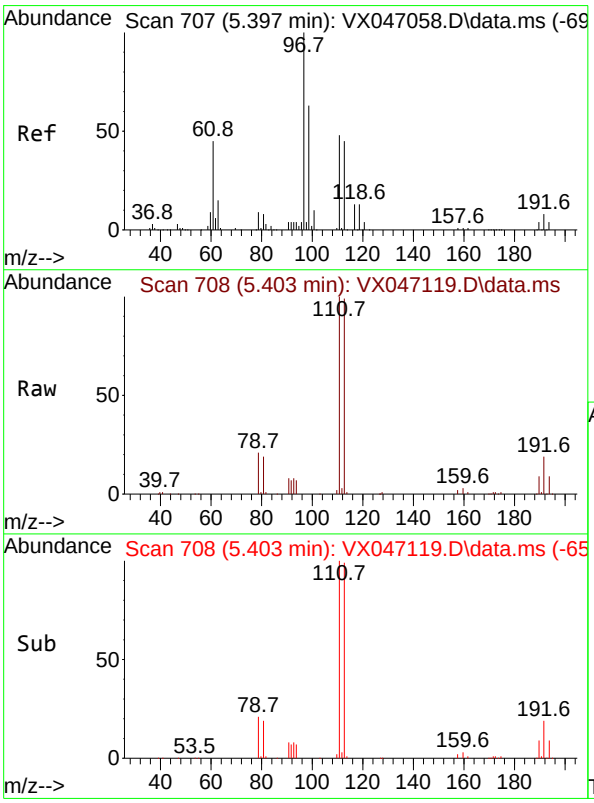
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Tgt Ion:114 Resp: 749209

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.3	0.0	33.8

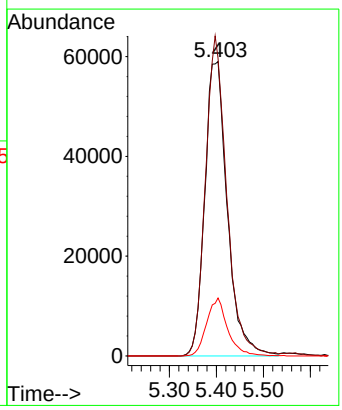


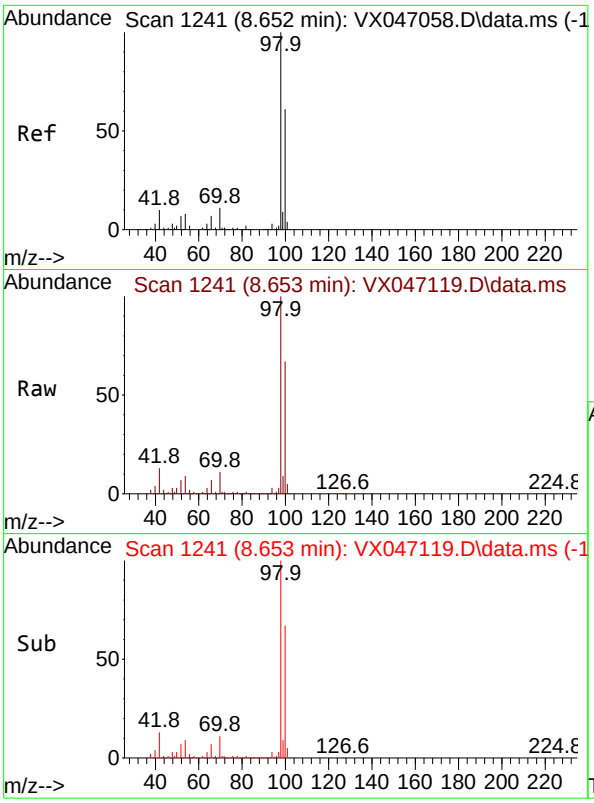


#35
Dibromofluoromethane
Concen: 42.578 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Tgt Ion:113 Resp: 196961

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	18.3	14.9	22.3



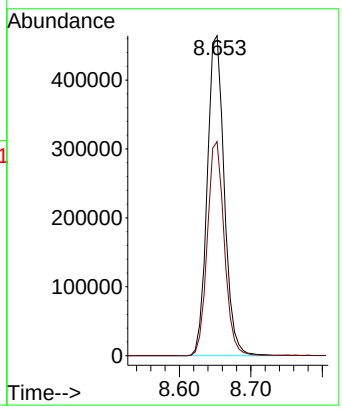


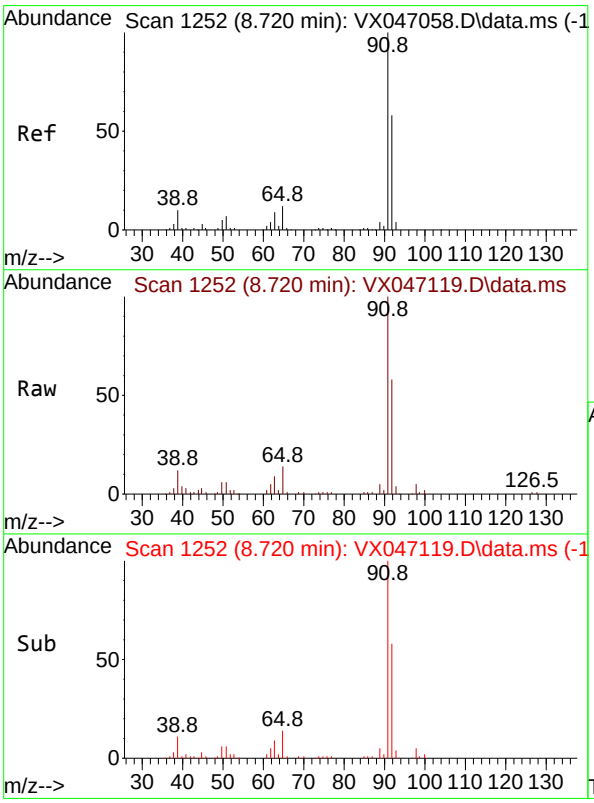
#50
Toluene-d8
Concen: 51.215 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Tgt Ion: 98 Resp: 767237

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9

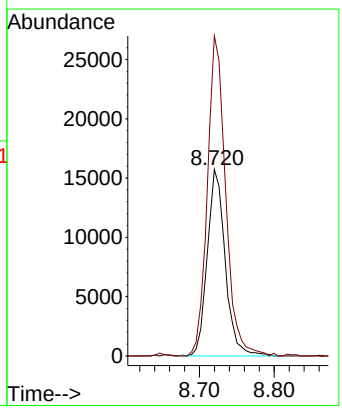


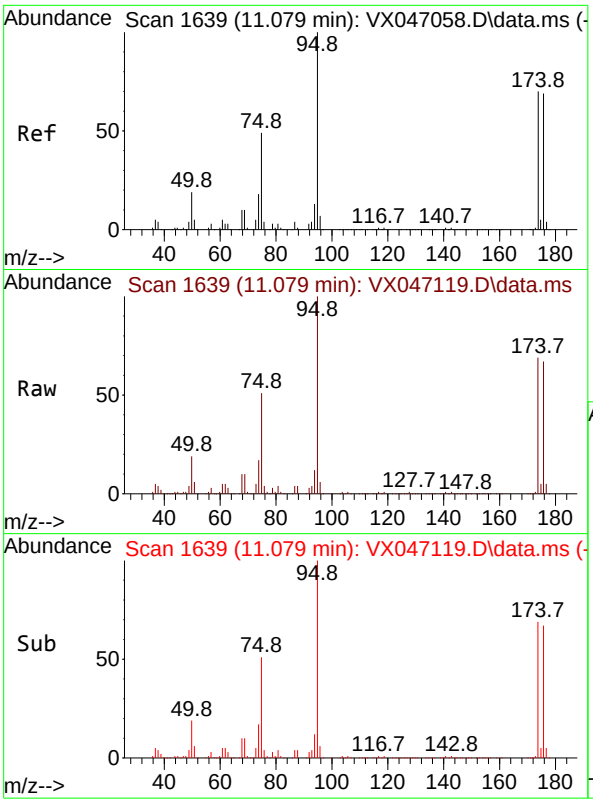


#52
Toluene
Concen: 1.875 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Tgt Ion: 92 Resp: 26302

Ion	Ratio	Lower	Upper
92	100		
91	174.7	137.9	206.9



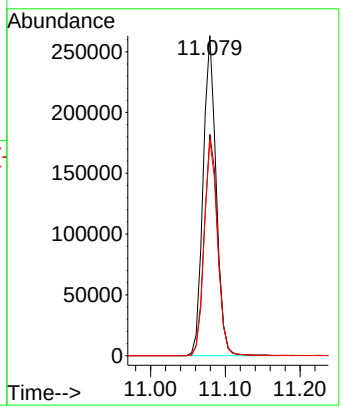


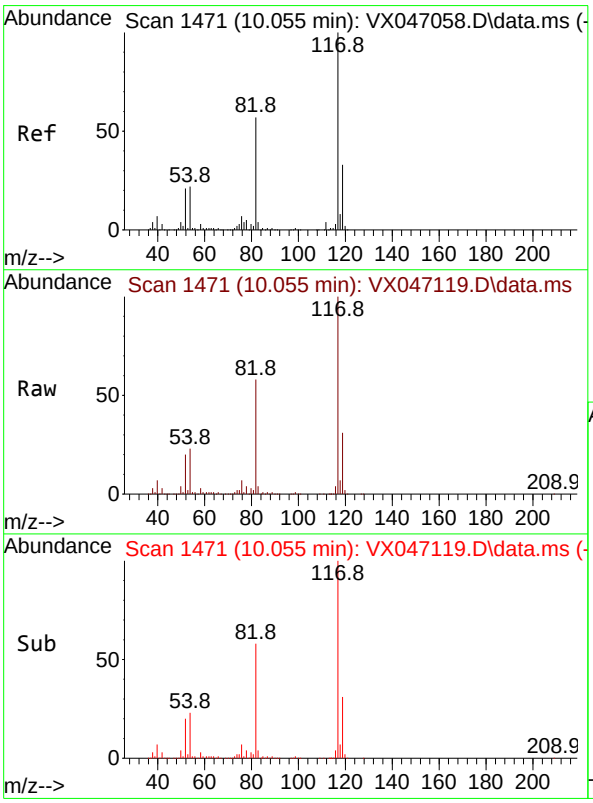
#62
4-Bromofluorobenzene
Concen: 49.471 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Tgt Ion: 95 Resp: 319376

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	144.6
176	68.7	0.0	139.6

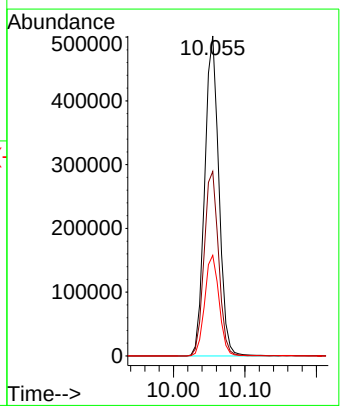


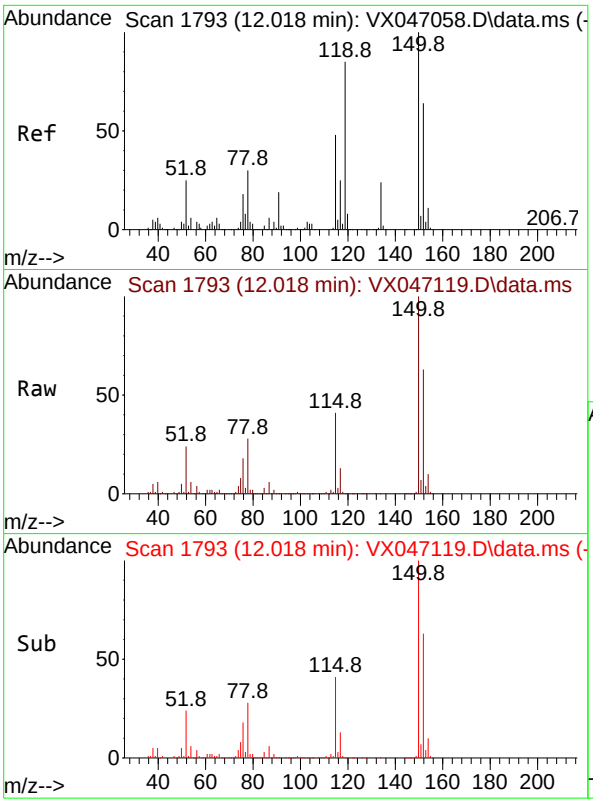


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Tgt Ion:117 Resp: 689935

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.4	68.2
119	31.5	26.1	39.1



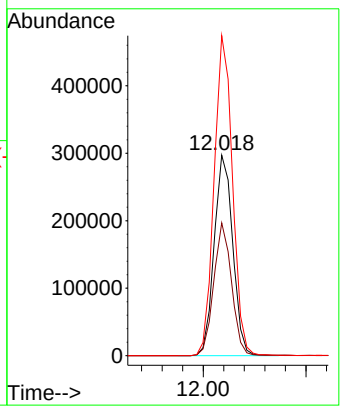


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047119.D
Acq: 24 Jul 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Tgt Ion:152 Resp: 372334

Ion	Ratio	Lower	Upper
152	100		
115	63.5	45.6	136.7
150	157.7	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047123.D
Acq On : 24 Jul 2025 16:15
Operator : JC/MD
Sample : Q2481-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Quant Time: Jul 25 01:25:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

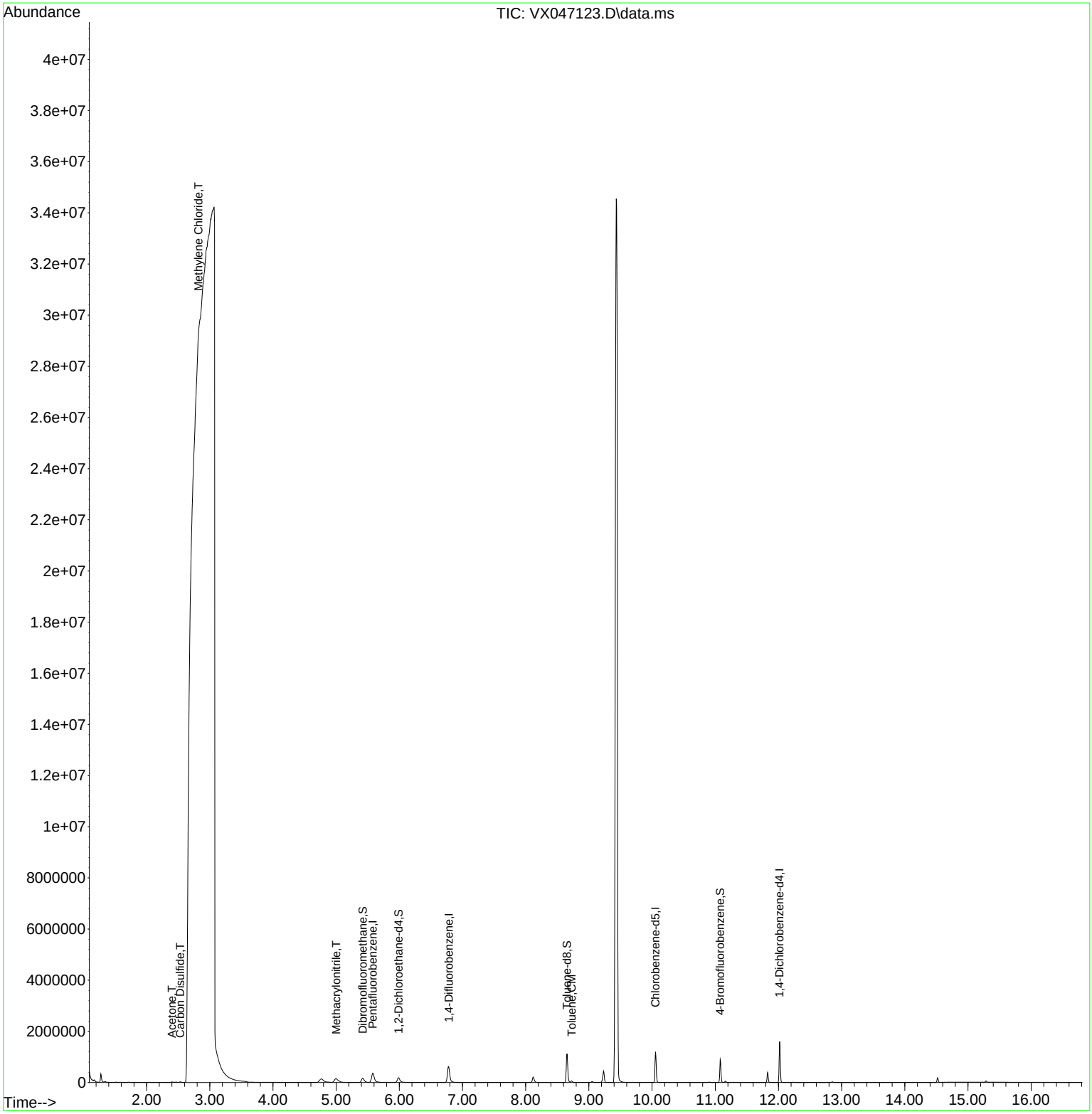
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.580	168	354820	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	6.781	114	677494	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.055	117	521532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	319546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.988	65	197936	44.783	ug/l	0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.560%			
35) Dibromofluoromethane	5.421	113	157137	37.565	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 75.140%			
50) Toluene-d8	8.652	98	660641	48.767	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.540%			
62) 4-Bromofluorobenzene	11.079	95	237060	40.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 81.220%#			
Target Compounds						Qvalue
16) Acetone	2.397	43	50396	28.462	ug/l	93
17) Carbon Disulfide	2.532	76	34985	2.712	ug/l	100
20) Methylene Chloride	2.818	84	442818	90.905	ug/l	88
41) Methacrylonitrile	5.001	41	157014	45.705	ug/l	97
52) Toluene	8.726	92	23199	1.828	ug/l	96

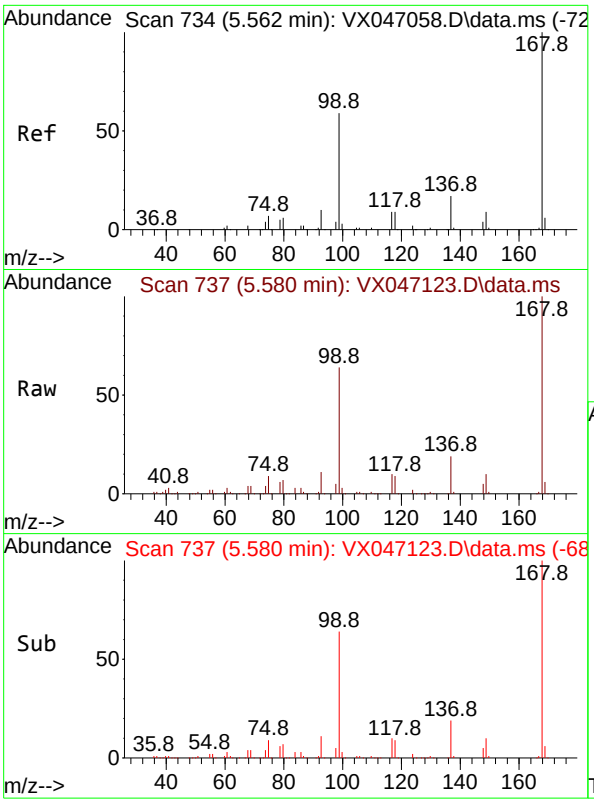
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047123.D
Acq On : 24 Jul 2025 16:15
Operator : JC/MD
Sample : Q2481-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Quant Time: Jul 25 01:25:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



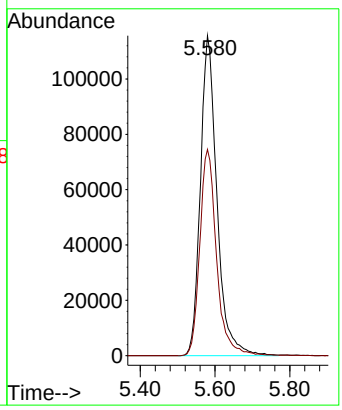


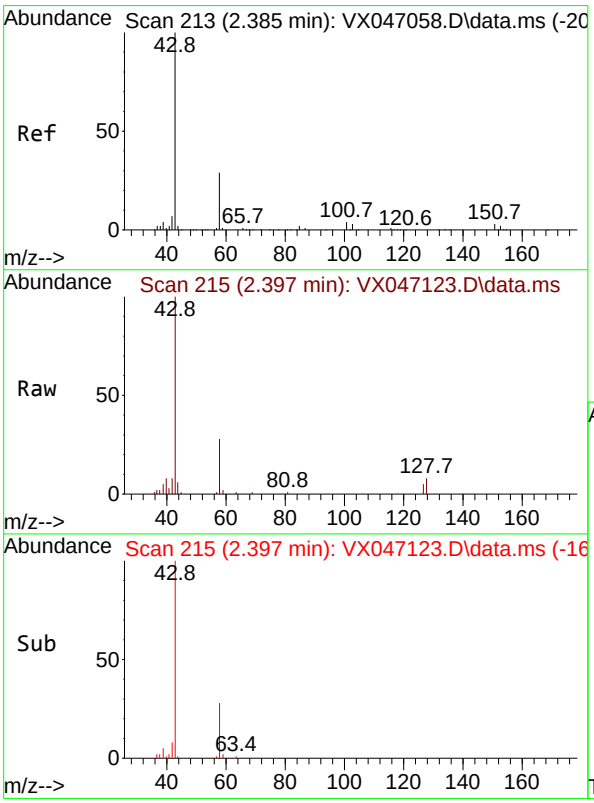
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.580 min Scan# 7
Delta R.T. 0.018 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Tgt Ion:168 Resp: 354820

Ion	Ratio	Lower	Upper
168	100		
99	64.4	48.0	72.0

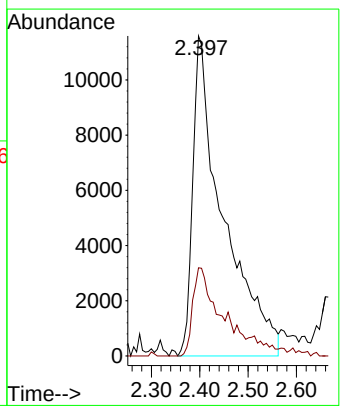


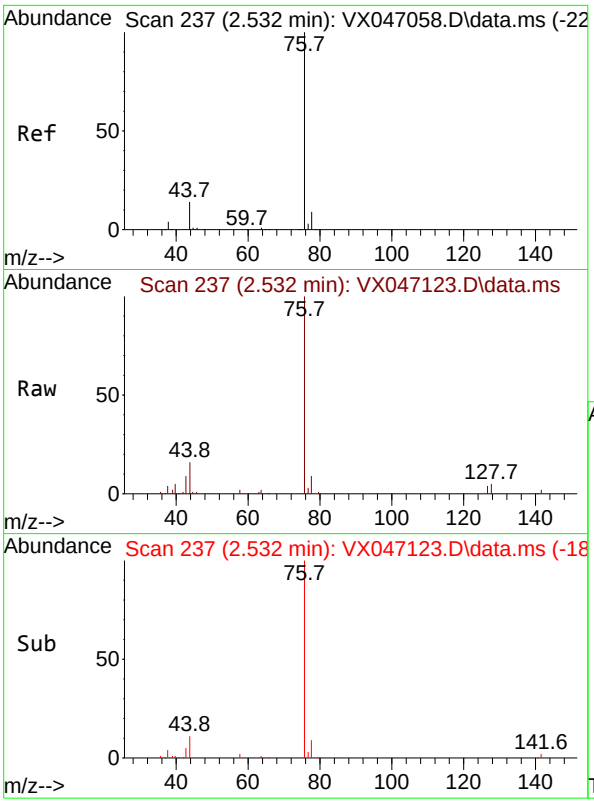


#16
Acetone
Concen: 28.462 ug/l
RT: 2.397 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 43 Resp: 50396

Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.0	36.0



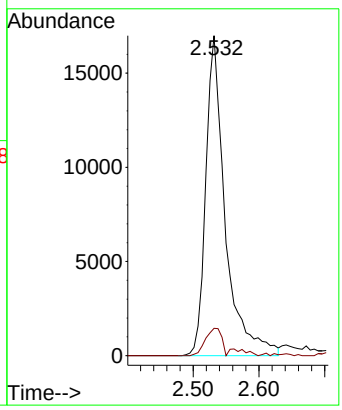


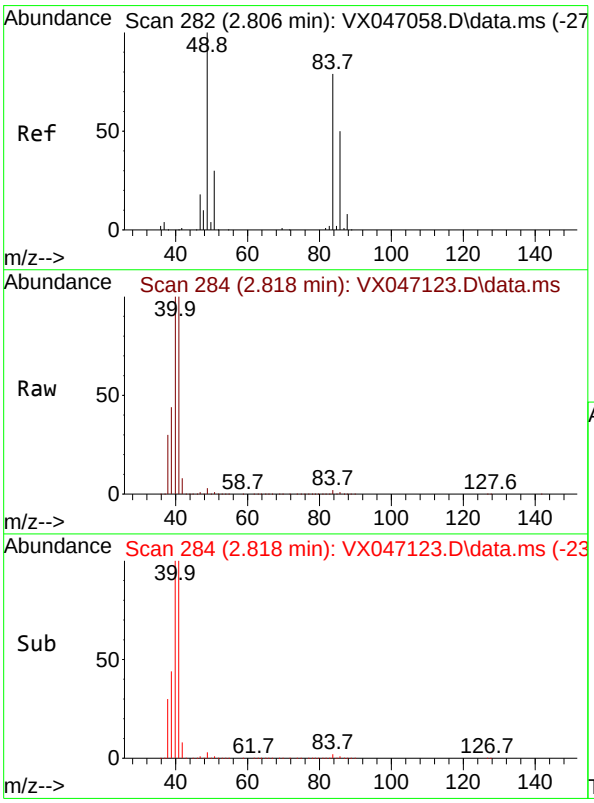
#17
Carbon Disulfide
Concen: 2.712 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Tgt Ion: 76 Resp: 34985

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.4

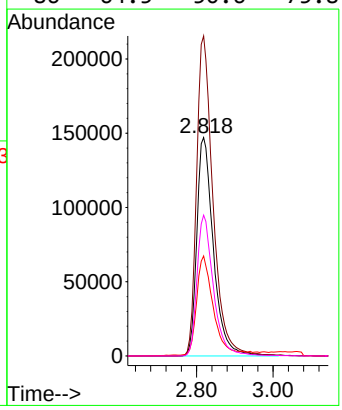


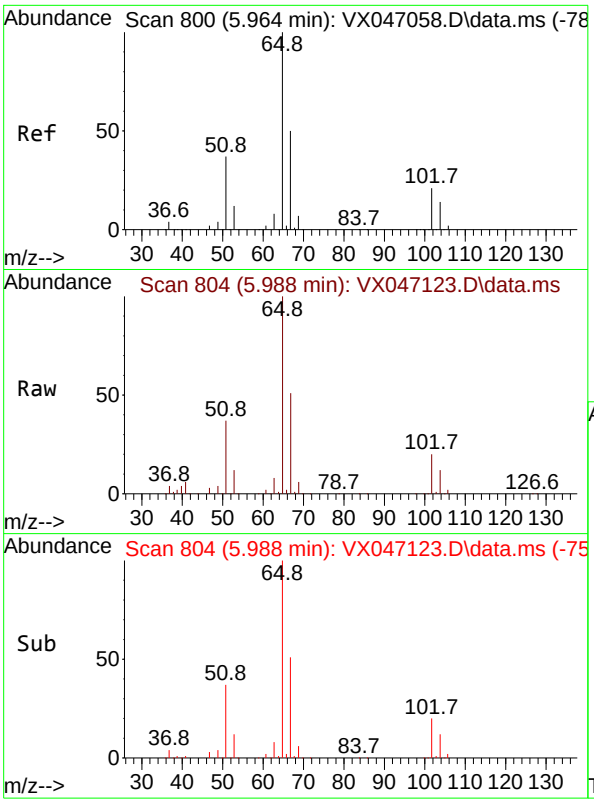


#20
Methylene Chloride
Concen: 90.905 ug/l
RT: 2.818 min Scan# 284
Delta R.T. 0.012 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 84 Resp: 442818

Ion	Ratio	Lower	Upper
84	100		
49	146.5	101.6	152.4
51	45.4	30.3	45.5
86	64.5	50.6	75.8



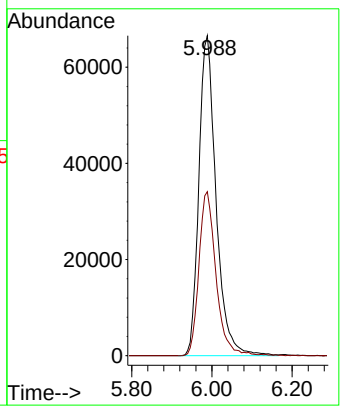


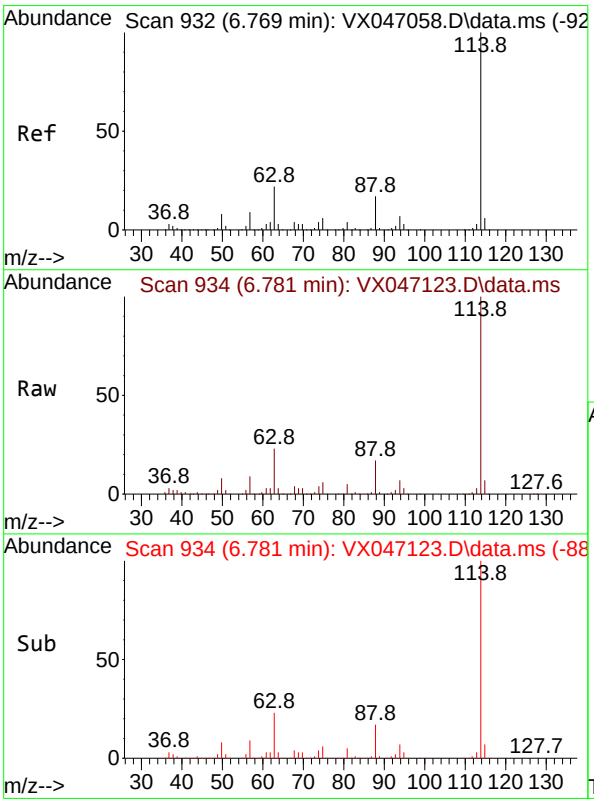
#33
1,2-Dichloroethane-d4
Concen: 44.783 ug/l
RT: 5.988 min Scan# 8
Delta R.T. 0.024 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Tgt Ion: 65 Resp: 197936

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.8

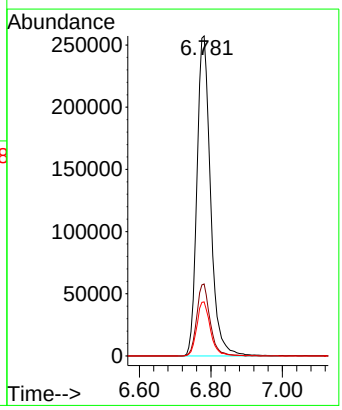


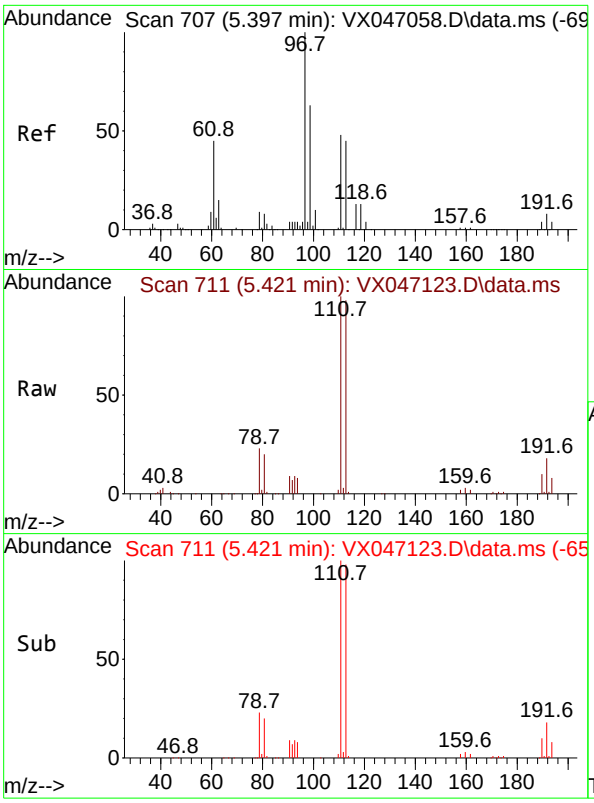


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.781 min Scan# 934
Delta R.T. 0.012 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion:114 Resp: 677494

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	16.9	0.0	33.8



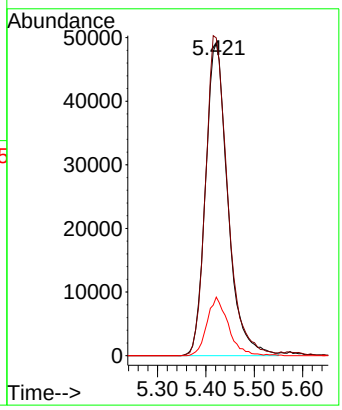


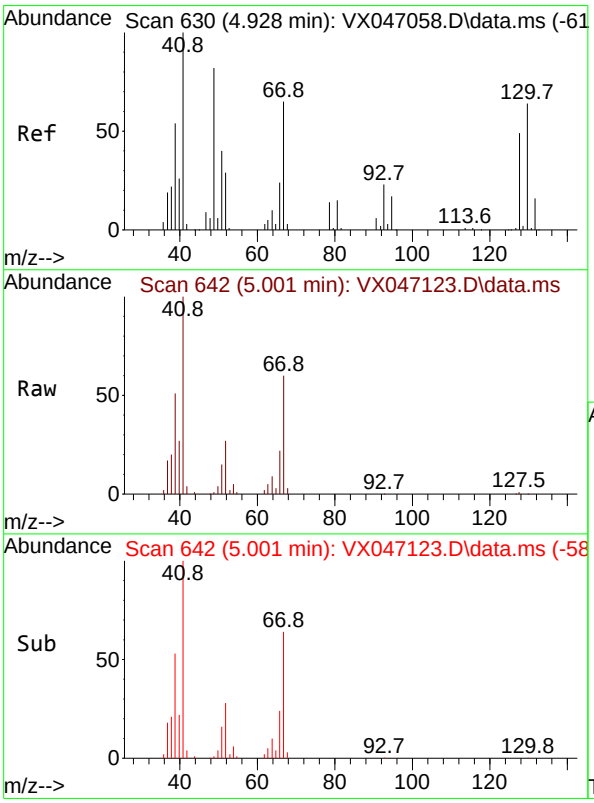
#35
Dibromofluoromethane
Concen: 37.565 ug/l
RT: 5.421 min Scan# 7
Delta R.T. 0.024 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Tgt Ion:113 Resp: 157137

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	17.9	14.9	22.3

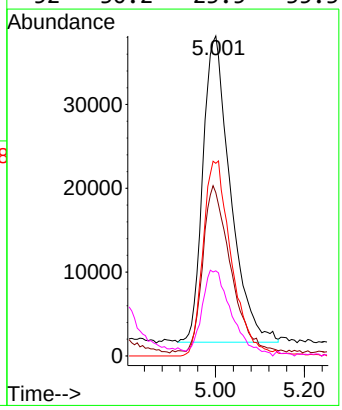


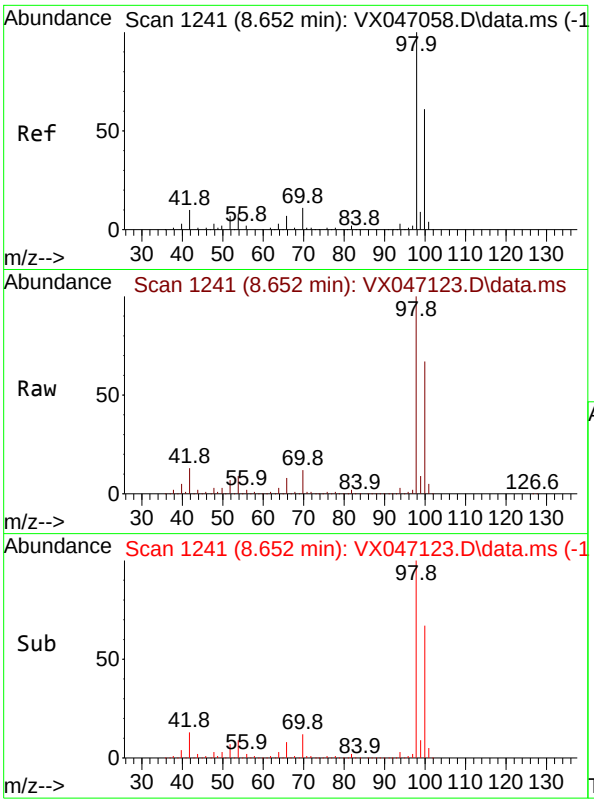


#41
Methacrylonitrile
Concen: 45.705 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.073 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 41 Resp: 157014

Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.2	66.2
67	65.7	56.4	84.6
52	30.2	23.5	35.3



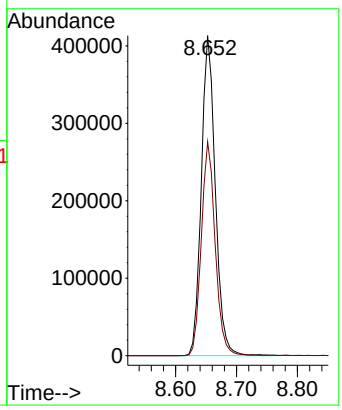


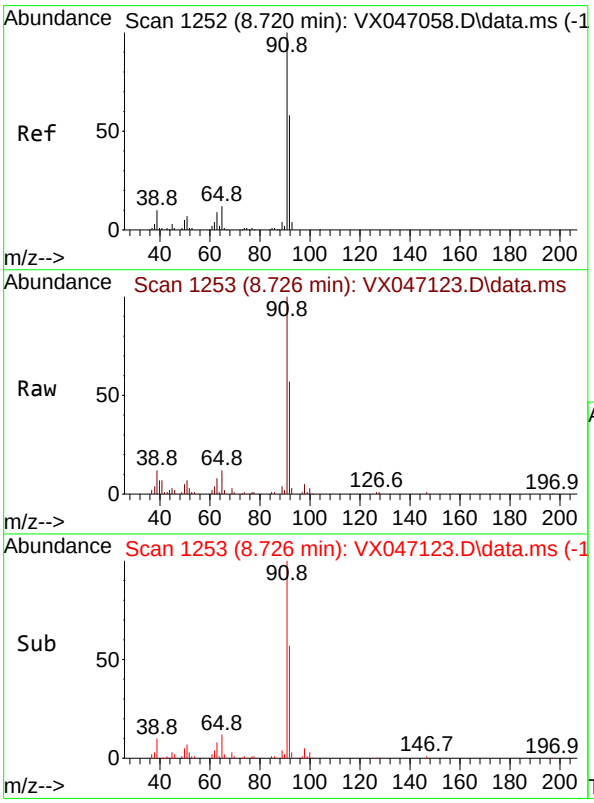
#50
Toluene-d8
Concen: 48.767 ug/l
RT: 8.652 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Tgt Ion: 98 Resp: 660641

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

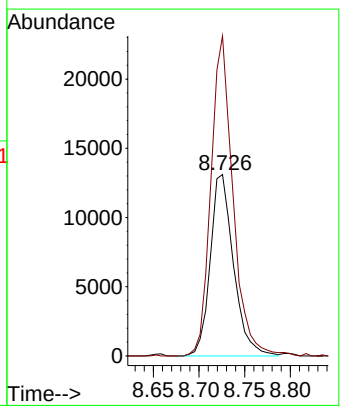


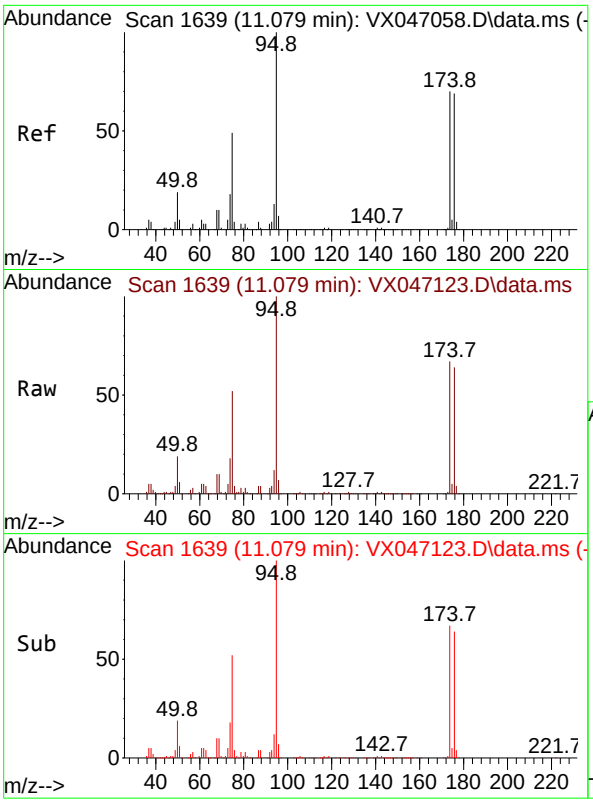


#52
Toluene
Concen: 1.828 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 92 Resp: 23199

Ion	Ratio	Lower	Upper
92	100		
91	167.2	137.9	206.9



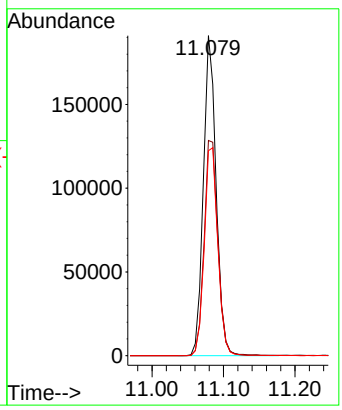


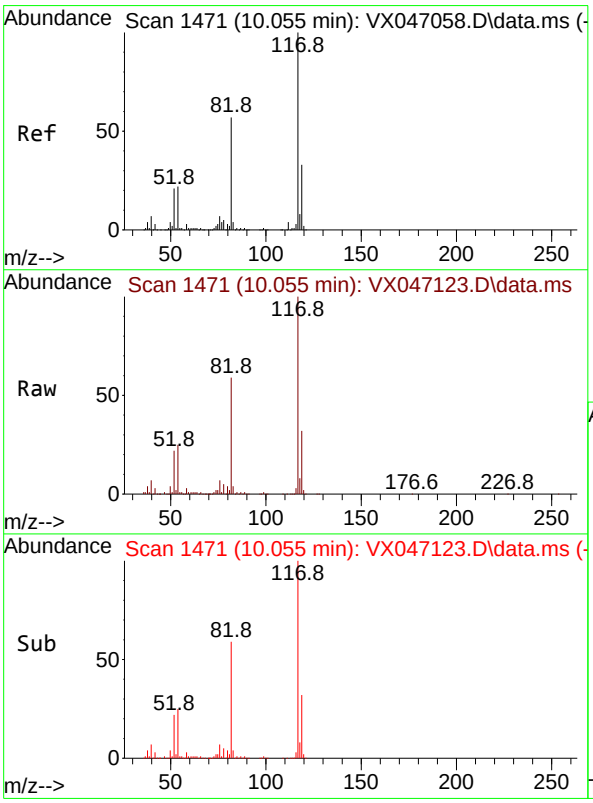
#62
4-Bromofluorobenzene
Concen: 40.607 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Tgt Ion: 95 Resp: 237060

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	144.6
176	69.2	0.0	139.6

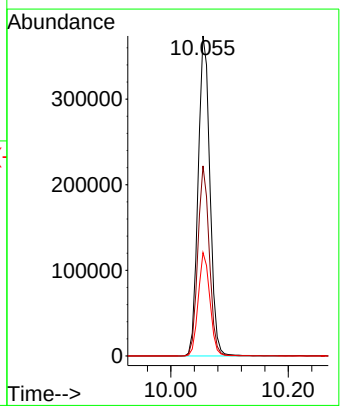


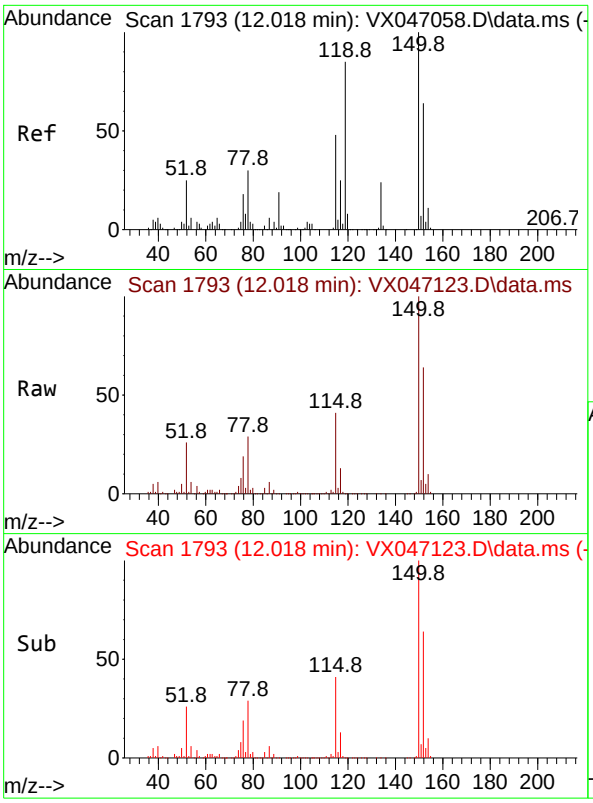


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion:117 Resp: 521532

Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.4	68.2
119	32.3	26.1	39.1



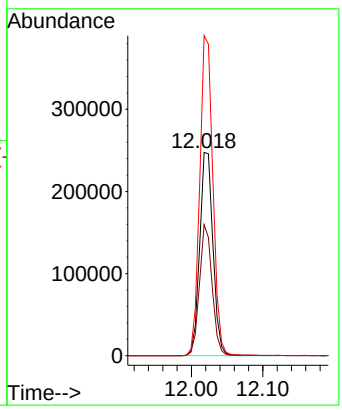


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

Tgt Ion:152 Resp: 319546

Ion	Ratio	Lower	Upper
152	100		
115	61.3	45.6	136.7
150	156.0	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047102.D
Acq On : 23 Jul 2025 19:00
Operator : JC/MD
Sample : Q2481-18 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 24 05:57:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	416777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	772965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	519074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	323235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	278050	53.556	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.120%			
35) Dibromofluoromethane	5.397	113	226535	47.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.940%			
50) Toluene-d8	8.659	98	856992	55.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.900%			
62) 4-Bromofluorobenzene	11.079	95	280864	42.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.340%			
Target Compounds						Qvalue
10) Methyl Iodide	2.471	142	24099	4.471	ug/l	98
37) Ethyl Acetate	4.733	43	170522	22.748	ug/l	99
41) Methacrylonitrile	4.952	41	16069	4.100	ug/l	96
51) 4-Methyl-2-Pentanone	8.610	43	143285m	20.628	ug/l	
52) Toluene	8.726	92	494369	34.150	ug/l	98

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

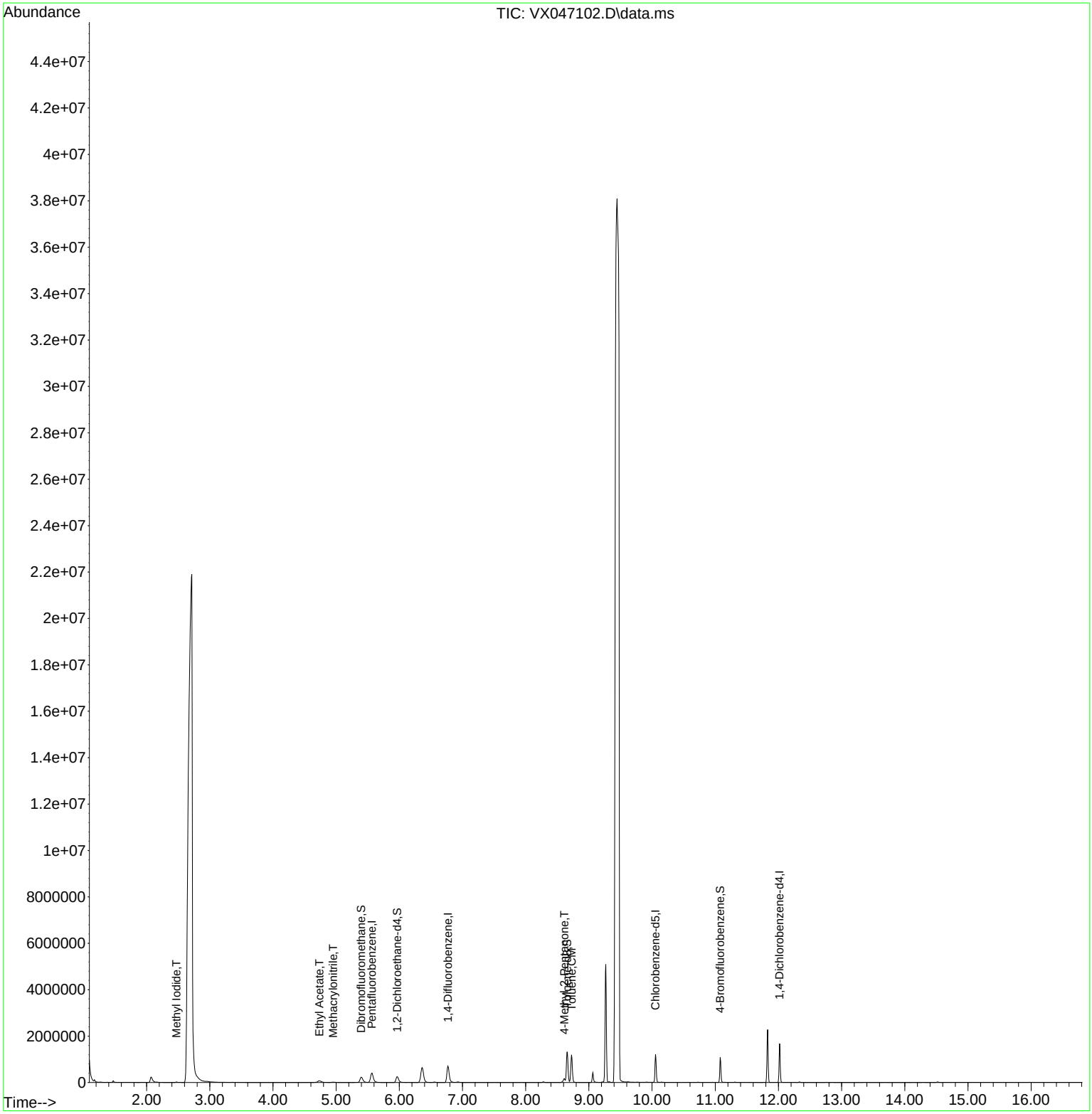
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047102.D
Acq On : 23 Jul 2025 19:00
Operator : JC/MD
Sample : Q2481-18 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

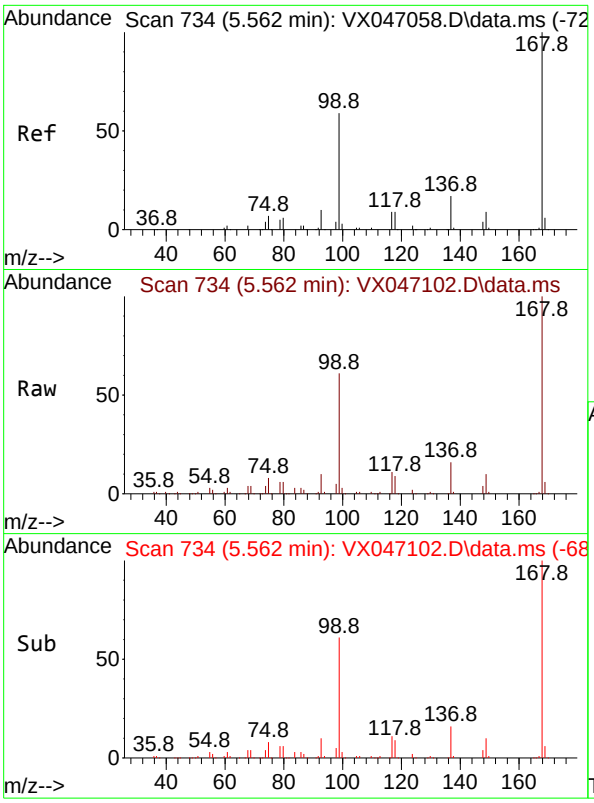
Quant Time: Jul 24 05:57:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

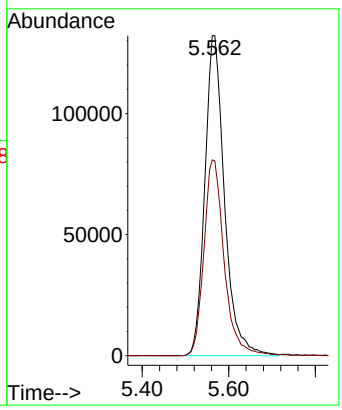




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:168 Resp: 41677

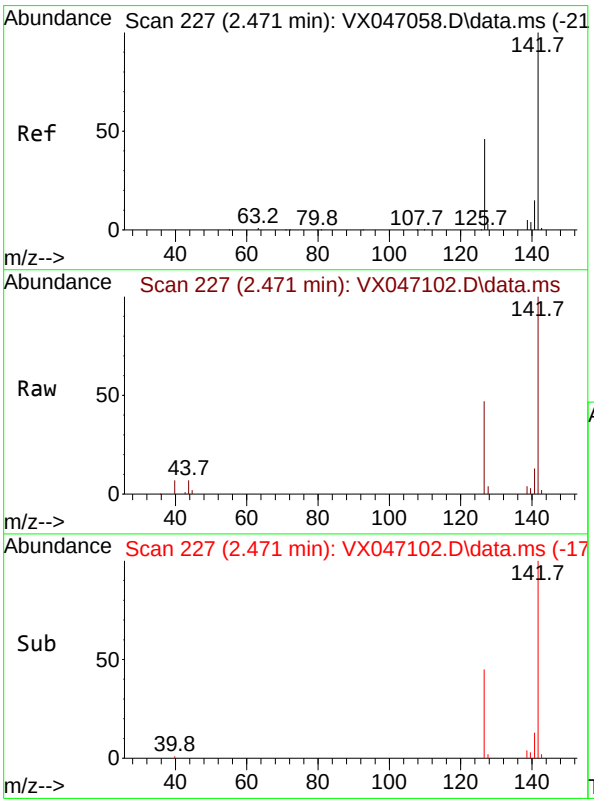
Ion	Ratio	Lower	Upper
168	100		
99	61.2	48.0	72.0



Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

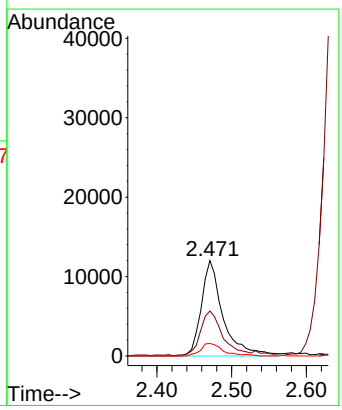
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

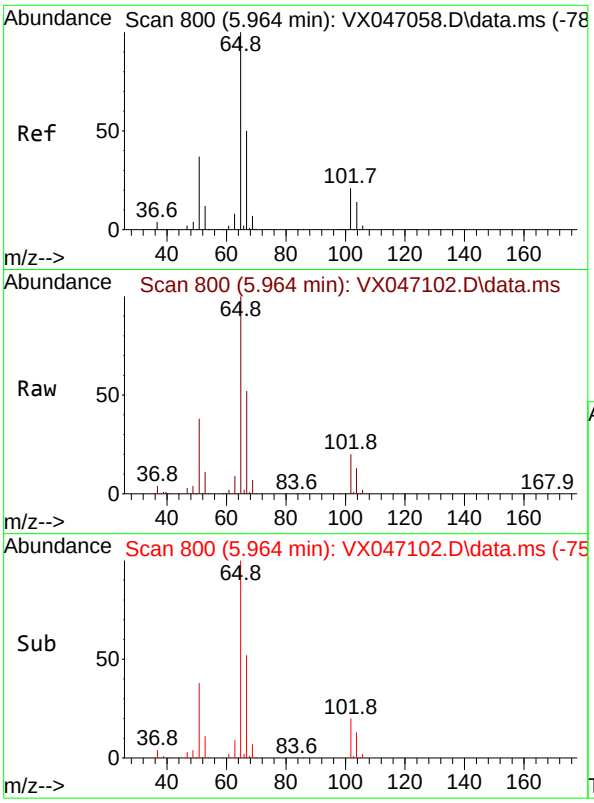


#10
Methyl Iodide
Concen: 4.471 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:142 Resp: 24099

Ion	Ratio	Lower	Upper
142	100		
127	47.4	36.6	54.8
141	13.6	10.9	16.3

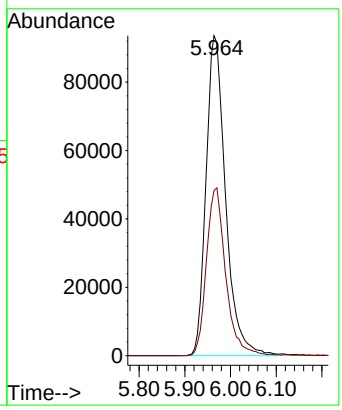




#33
1,2-Dichloroethane-d4
Concen: 53.556 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 65 Resp: 27805

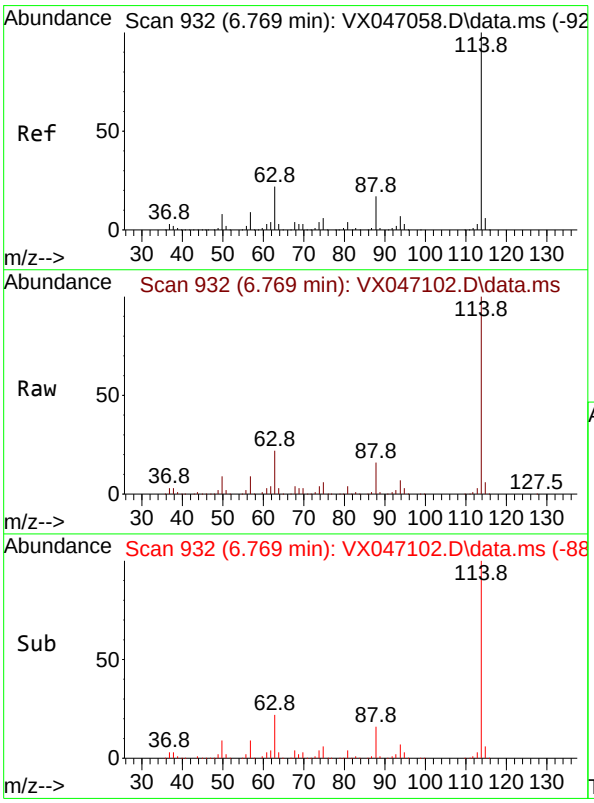
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.8



Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

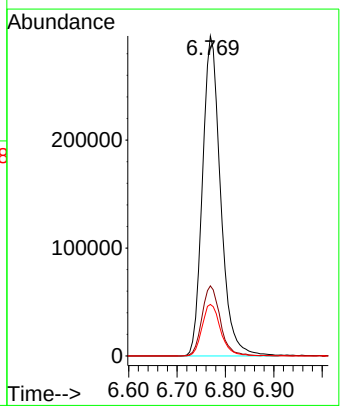
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

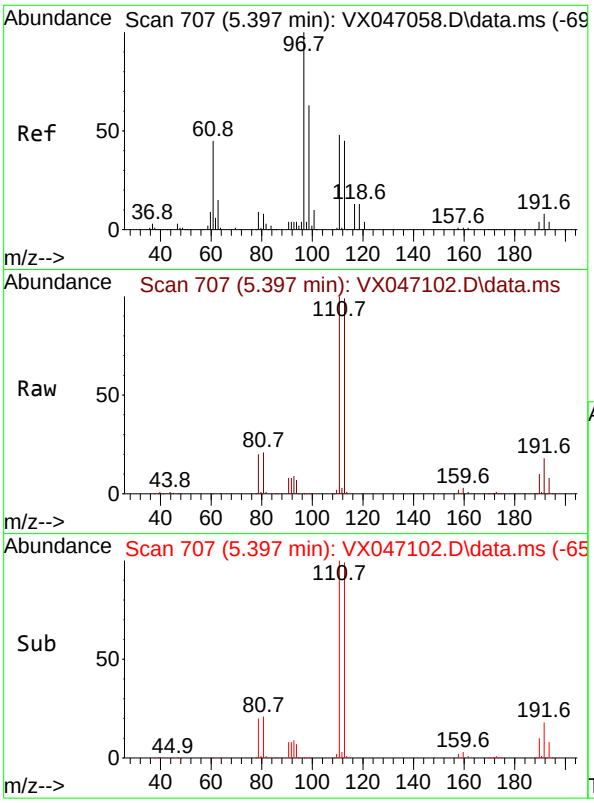


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:114 Resp: 772965

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.1	0.0	33.8

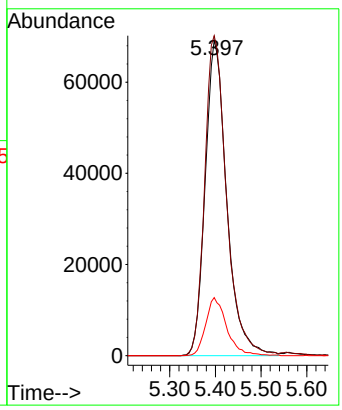




#35
Dibromofluoromethane
Concen: 47.466 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:113 Resp: 22653

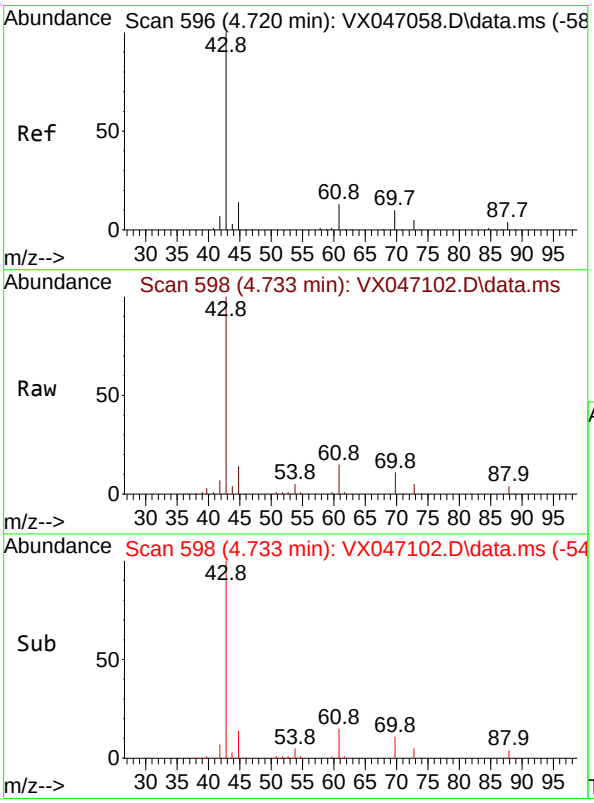
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	17.9	14.9	22.3



Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

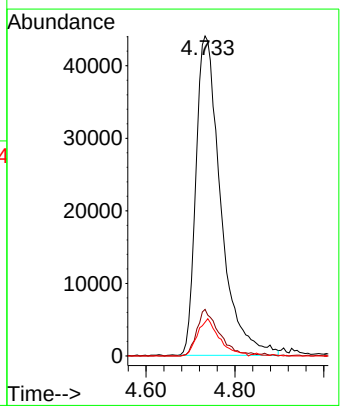
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

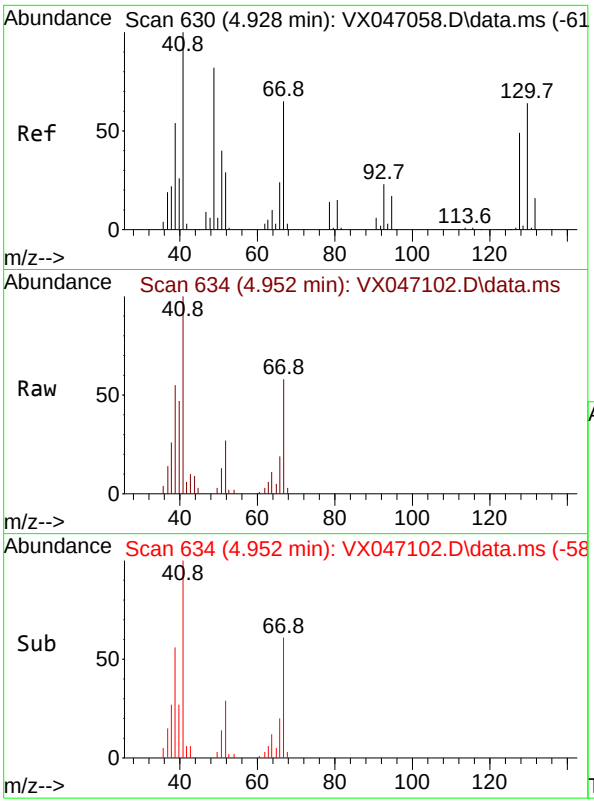


#37
Ethyl Acetate
Concen: 22.748 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 43 Resp: 170522

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.2
70	10.3	8.1	12.1

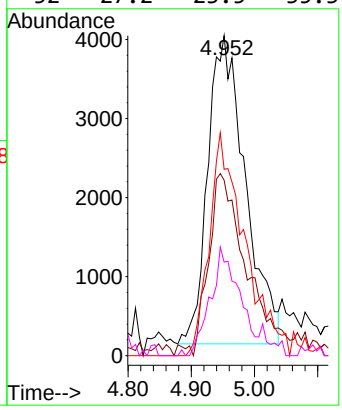




#41
Methacrylonitrile
Concen: 4.100 ug/l
RT: 4.952 min Scan# 6
Delta R.T. 0.024 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 41 Resp: 1606

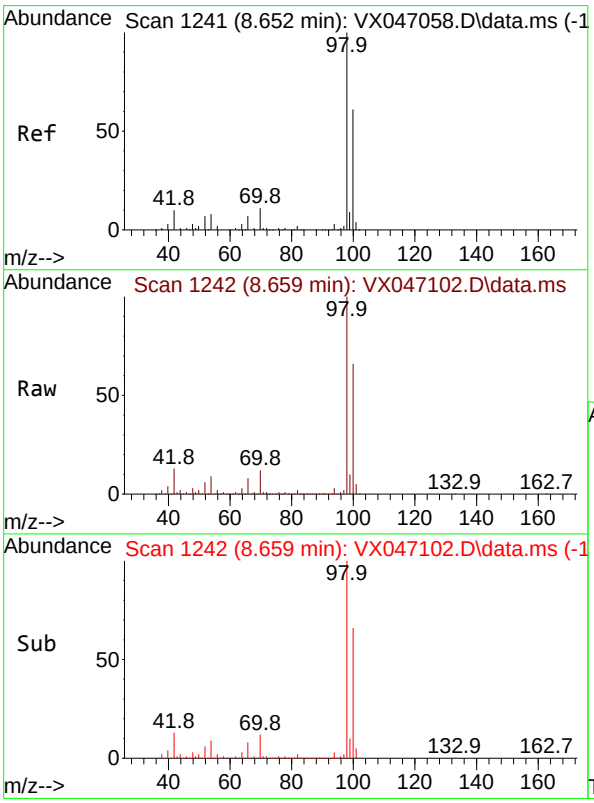
Ion	Ratio	Lower	Upper
41	100		
39	59.6	44.2	66.2
67	68.0	56.4	84.6
52	27.2	23.5	35.3



Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

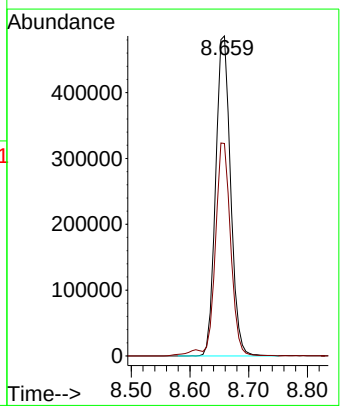
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

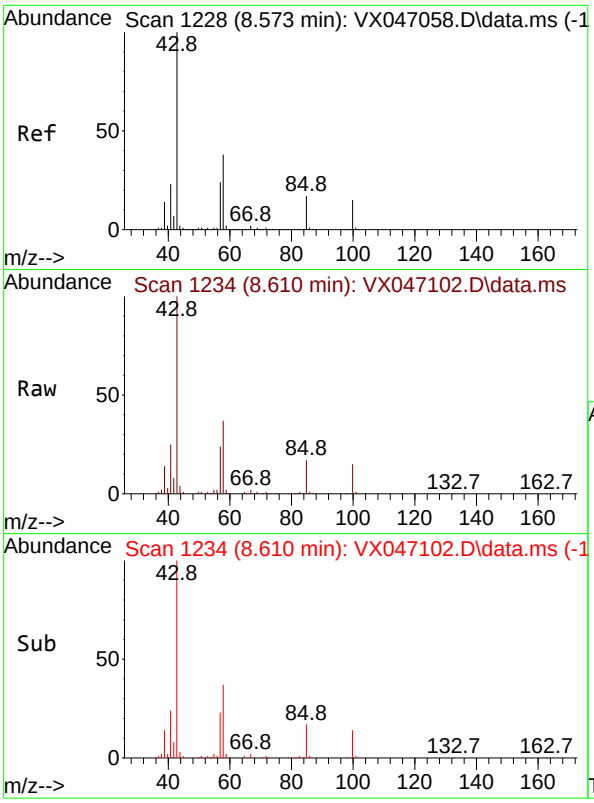


#50
Toluene-d8
Concen: 55.448 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 98 Resp: 856992

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9

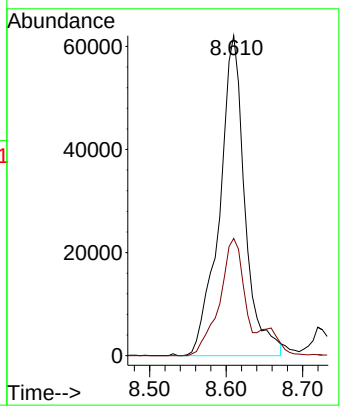




#51
4-Methyl-2-Pentanone
Concen: 20.628 ug/l m
RT: 8.610 min Scan# 1
Delta R.T. 0.037 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 43 Resp: 14328

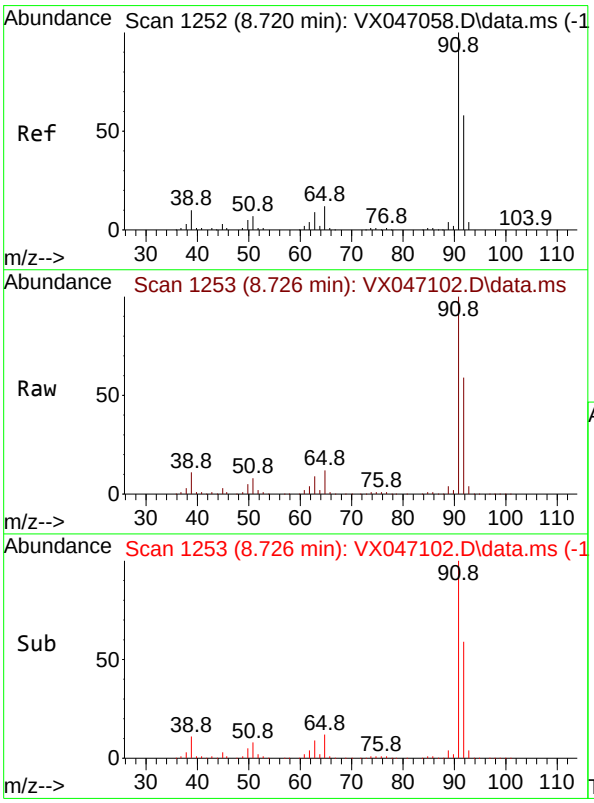
Ion	Ratio	Lower	Upper
43	100		
58	36.2	30.6	45.8



Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

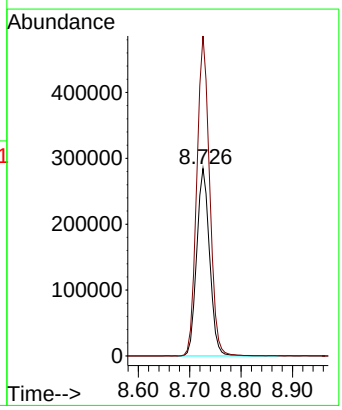
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

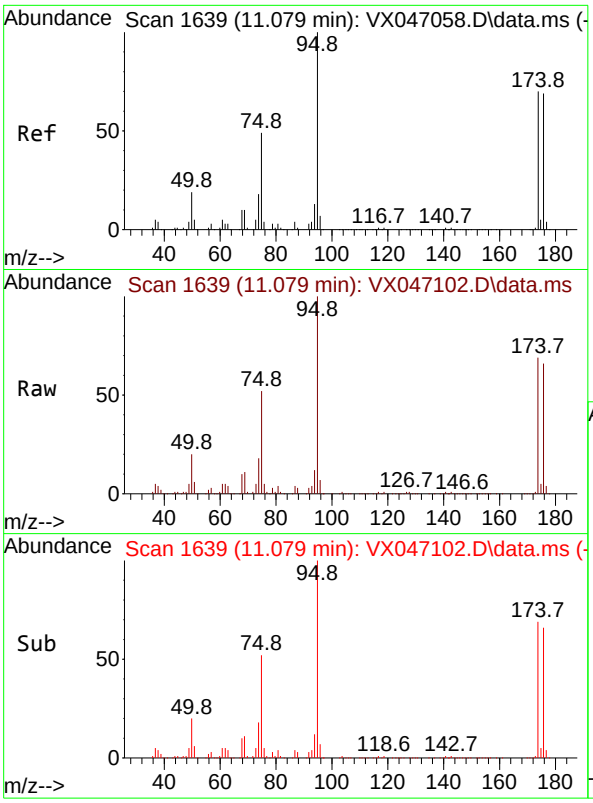


#52
Toluene
Concen: 34.150 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 92 Resp: 494369

Ion	Ratio	Lower	Upper
92	100		
91	170.3	137.9	206.9

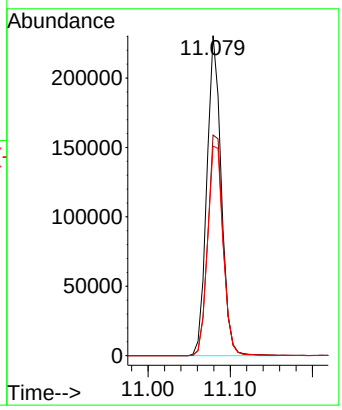




#62
4-Bromofluorobenzene
Concen: 42.168 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 95 Resp: 28086

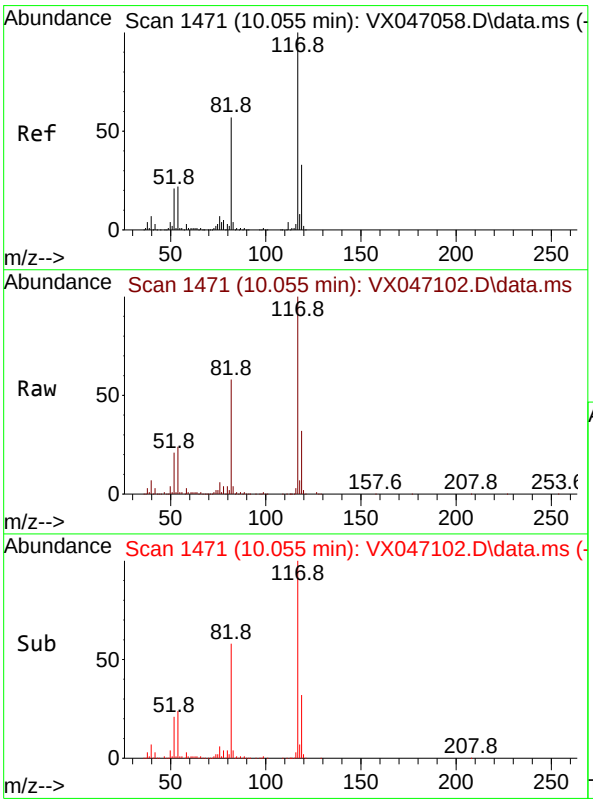
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	144.6
176	70.8	0.0	139.6



Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

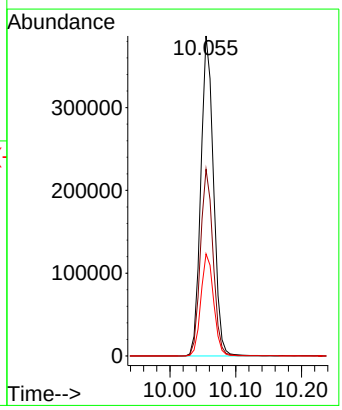
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

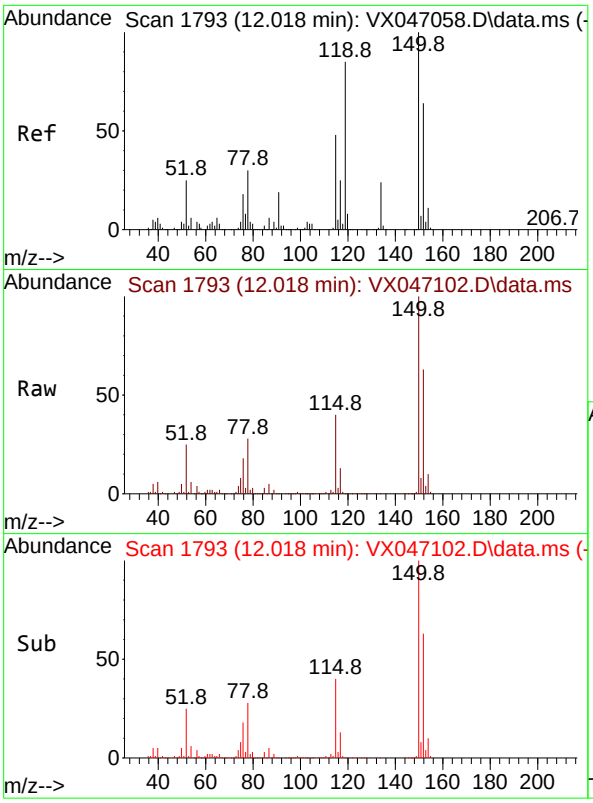


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:117 Resp: 519074

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.4	68.2
119	31.9	26.1	39.1

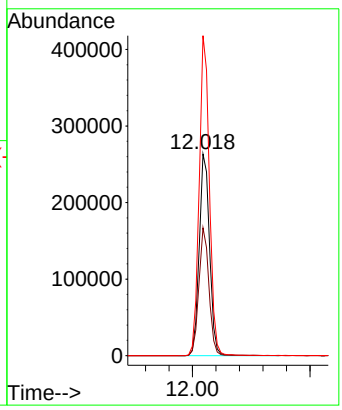




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:152 Resp: 32323

Ion	Ratio	Lower	Upper
152	100		
115	62.1	45.6	136.7
150	156.4	0.0	354.6



Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047121.D
Acq On : 24 Jul 2025 15:33
Operator : JC/MD
Sample : Q2481-19 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Quant Time: Jul 25 01:25:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

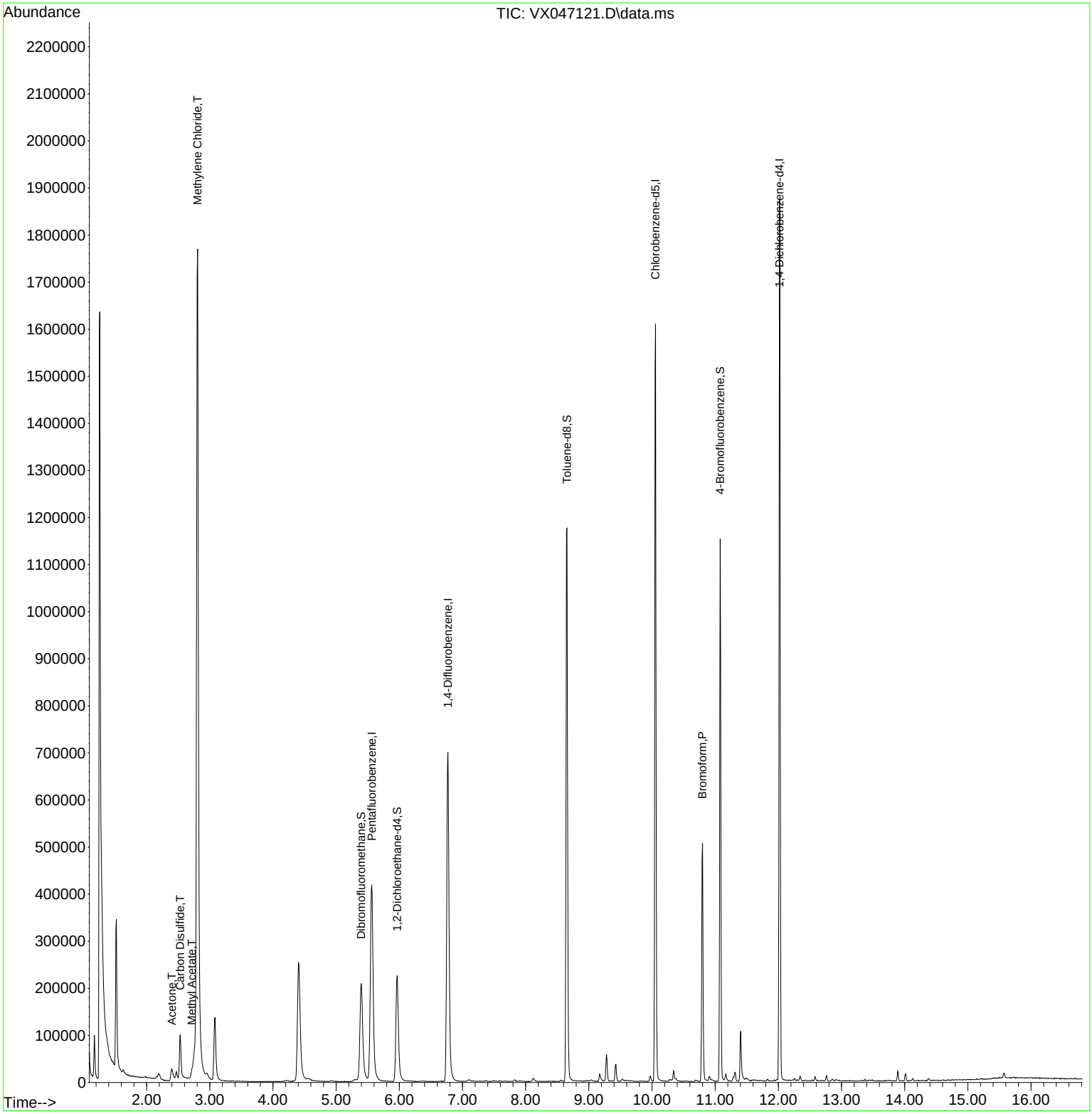
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	414773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	745400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	702427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	362645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	239435	46.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.680%		
35) Dibromofluoromethane	5.397	113	198177	43.060	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.120%		
50) Toluene-d8	8.653	98	718564	48.211	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.420%		
62) 4-Bromofluorobenzene	11.079	95	301699	46.971	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.940%		
Target Compounds						Qvalue
16) Acetone	2.398	43	49665	23.995	ug/l	91
17) Carbon Disulfide	2.532	76	141496	9.383	ug/l	98
18) Methyl Acetate	2.715	43	14901	2.709	ug/l	98
20) Methylene Chloride	2.806	84	856836	150.473	ug/l	99
71) Bromoform	10.799	173	167778	39.867	ug/l #	100

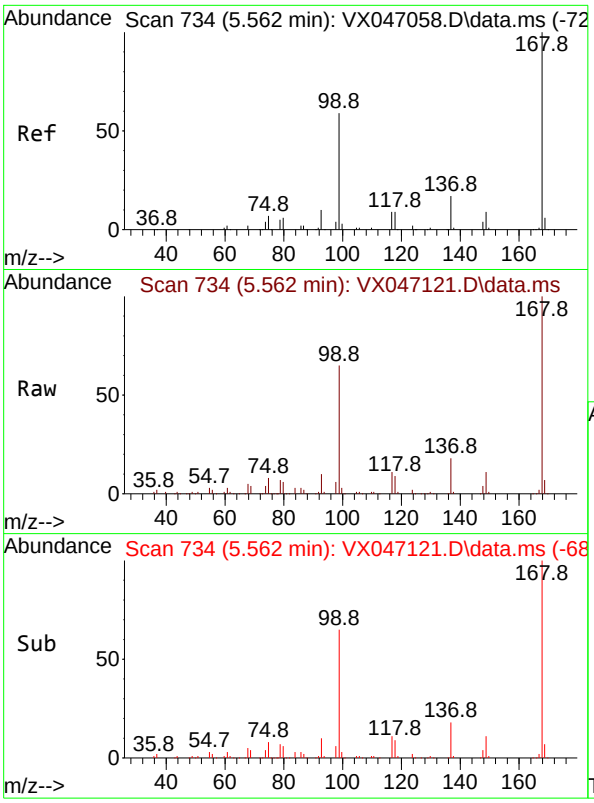
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047121.D
Acq On : 24 Jul 2025 15:33
Operator : JC/MD
Sample : Q2481-19 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Quant Time: Jul 25 01:25:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



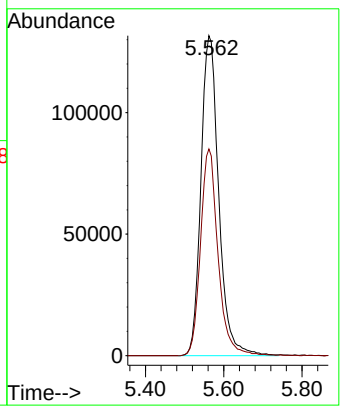


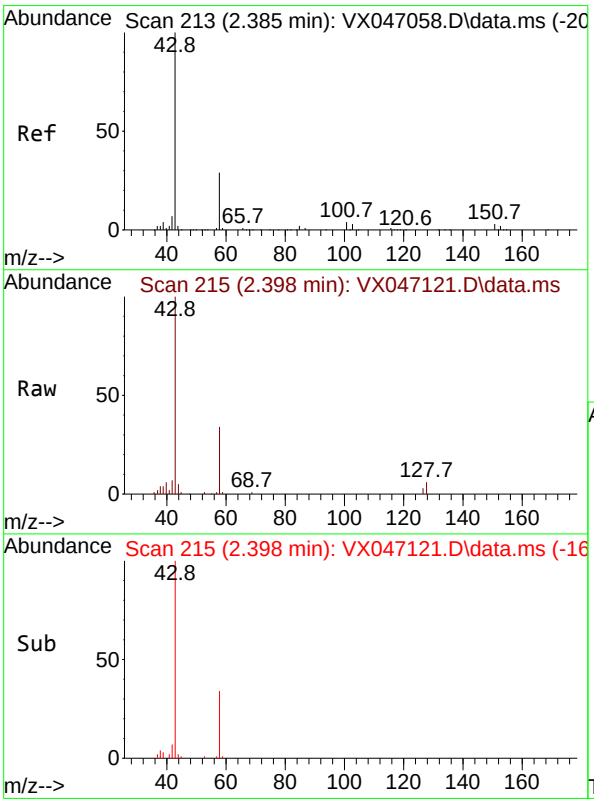
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:168 Resp: 414773

Ion	Ratio	Lower	Upper
168	100		
99	64.6	48.0	72.0

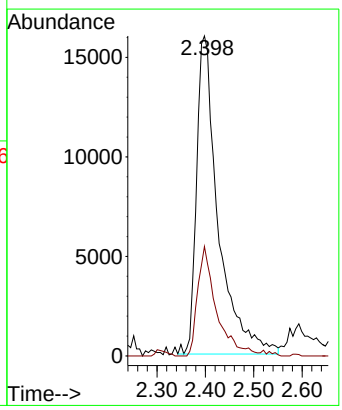


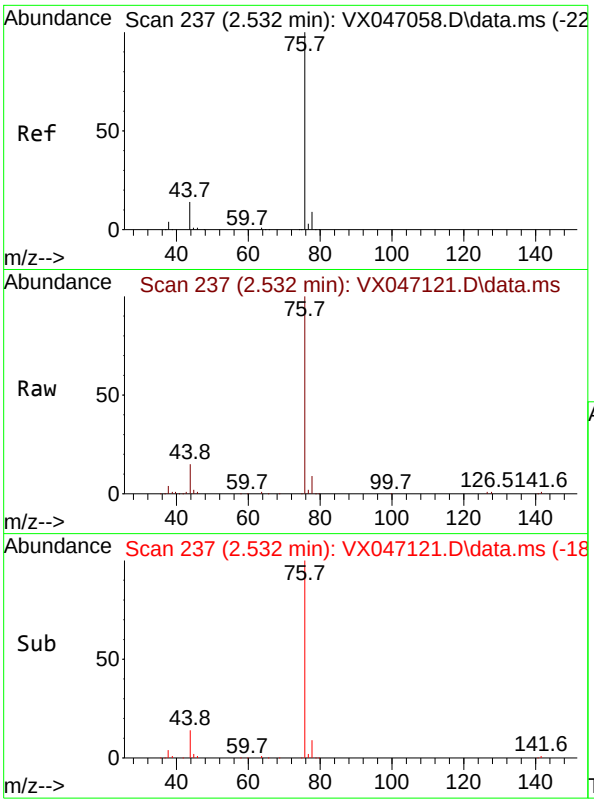


#16
Acetone
Concen: 23.995 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Tgt Ion: 43 Resp: 49665

Ion	Ratio	Lower	Upper
43	100		
58	35.1	24.0	36.0



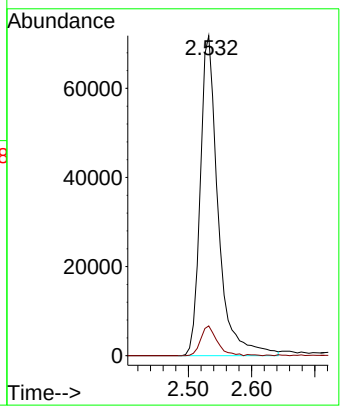


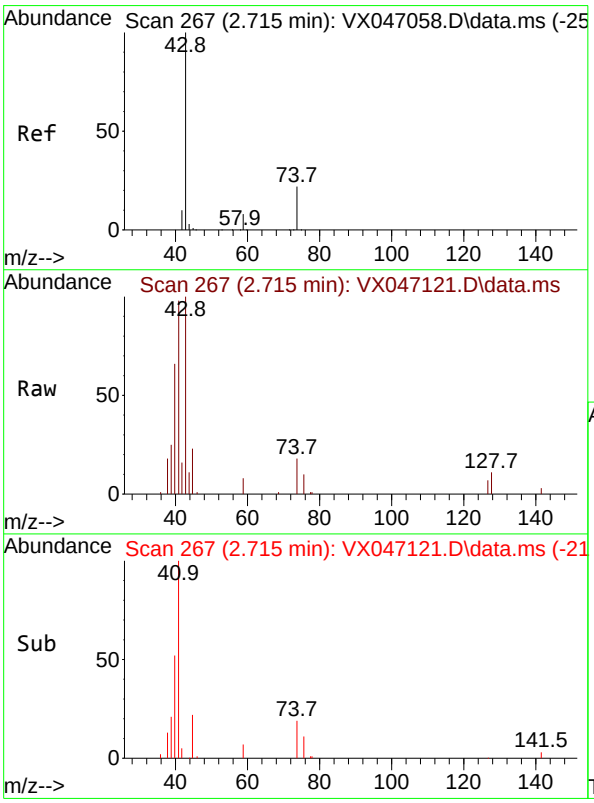
#17
Carbon Disulfide
Concen: 9.383 ug/l
RT: 2.532 min Scan# 2
Delta R.T. 0.001 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion: 76 Resp: 141496

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

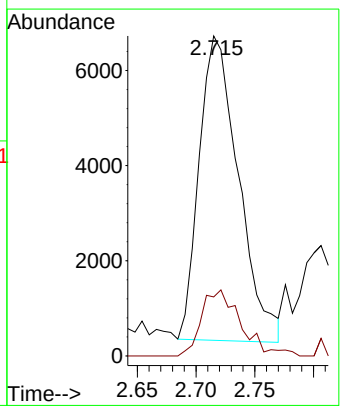


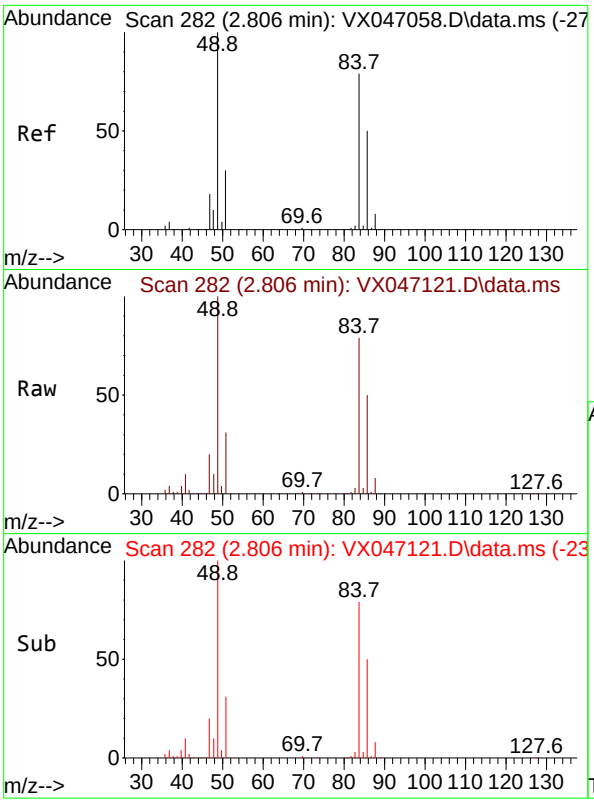


#18
Methyl Acetate
Concen: 2.709 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Tgt Ion: 43 Resp: 14901

Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.7	26.5



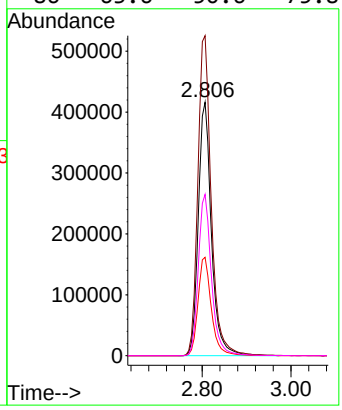


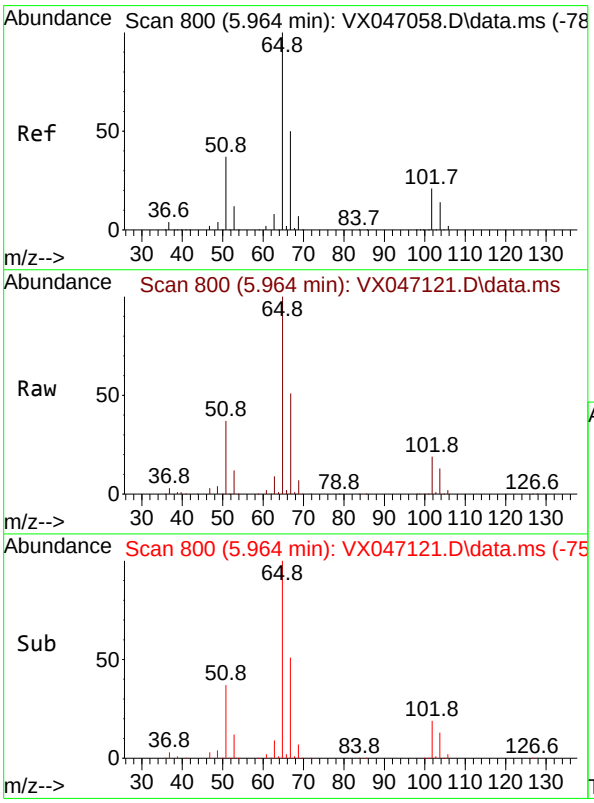
#20
Methylene Chloride
Concen: 150.473 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion: 84 Resp: 856836

Ion	Ratio	Lower	Upper
84	100		
49	126.2	101.6	152.4
51	38.8	30.3	45.5
86	63.6	50.6	75.8

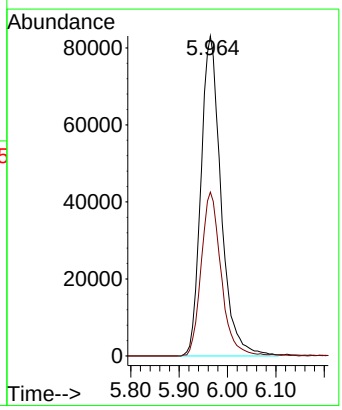


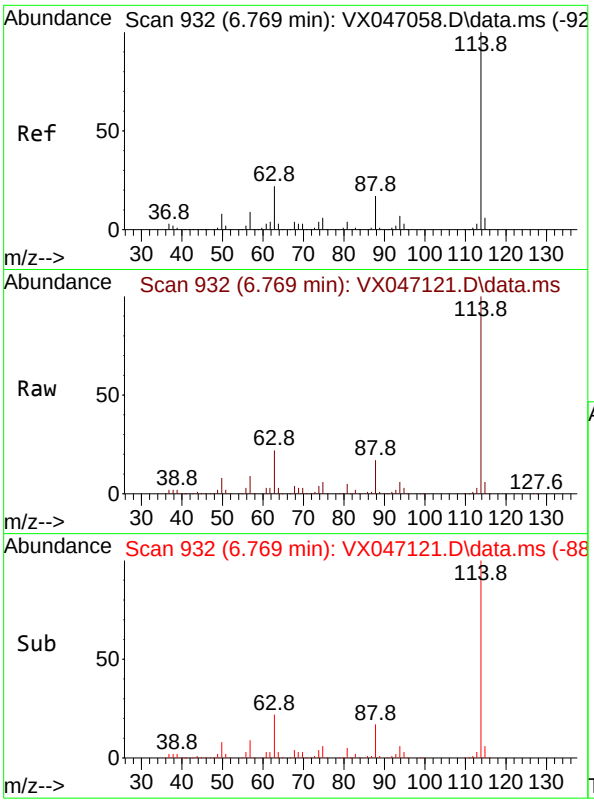


#33
1,2-Dichloroethane-d4
Concen: 46.341 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Tgt Ion: 65 Resp: 239435

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.8



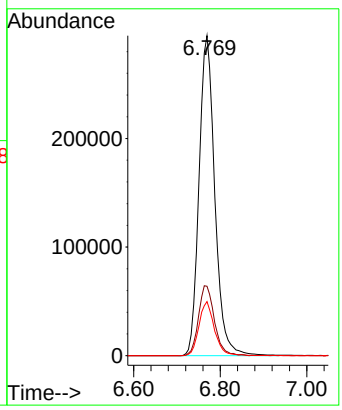


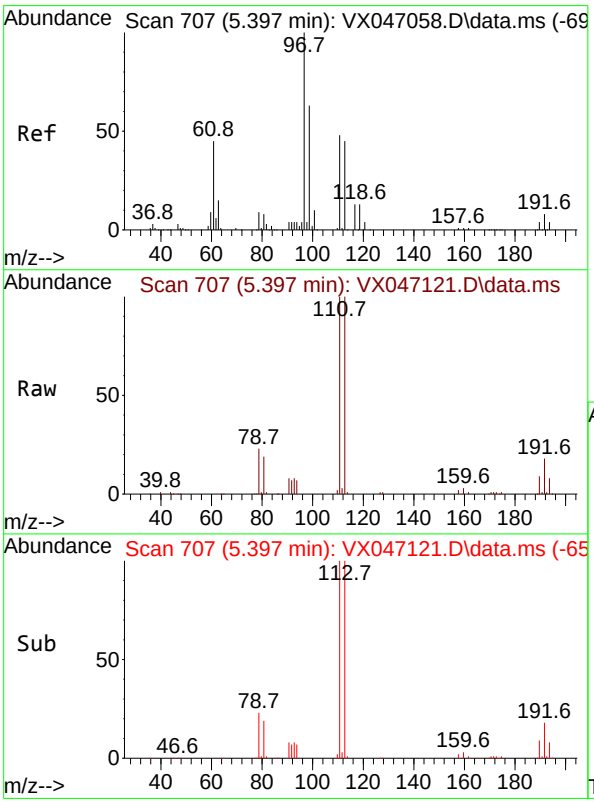
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:114 Resp: 745400

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.9	0.0	33.8

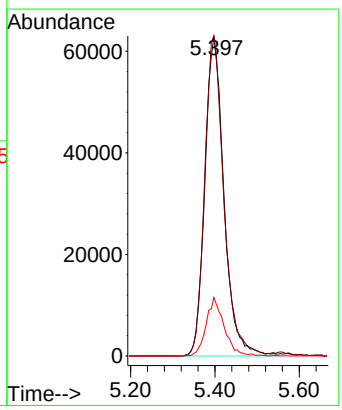


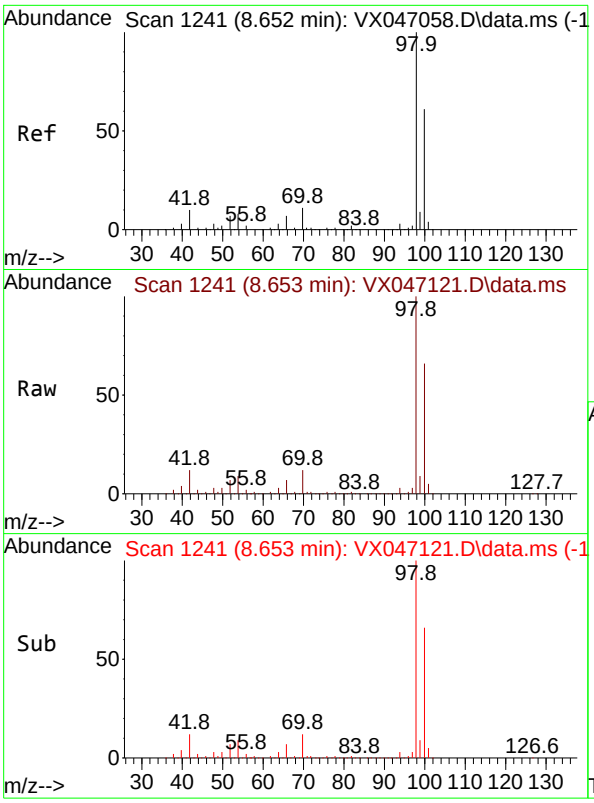


#35
Dibromofluoromethane
Concen: 43.060 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Tgt Ion:113 Resp: 198177

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	124.0
192	17.2	14.9	22.3



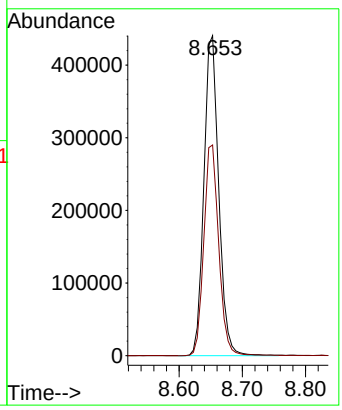


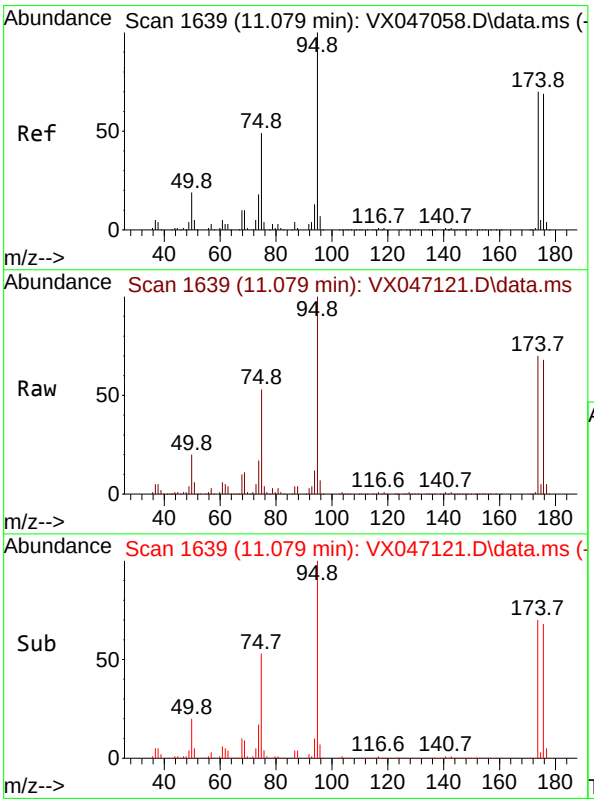
#50
Toluene-d8
Concen: 48.211 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion: 98 Resp: 718564

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

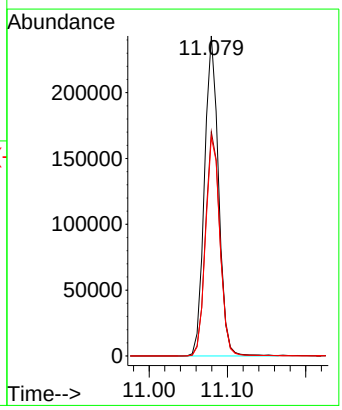


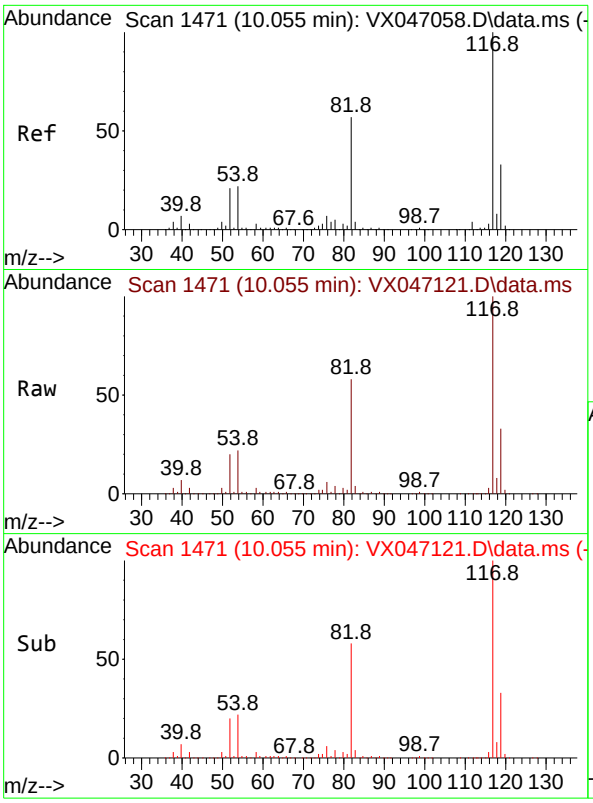


#62
4-Bromofluorobenzene
Concen: 46.971 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Tgt Ion: 95 Resp: 301699

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	144.6
176	69.8	0.0	139.6



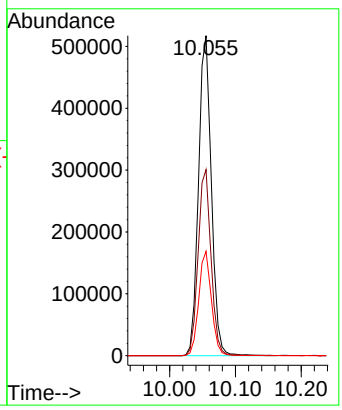


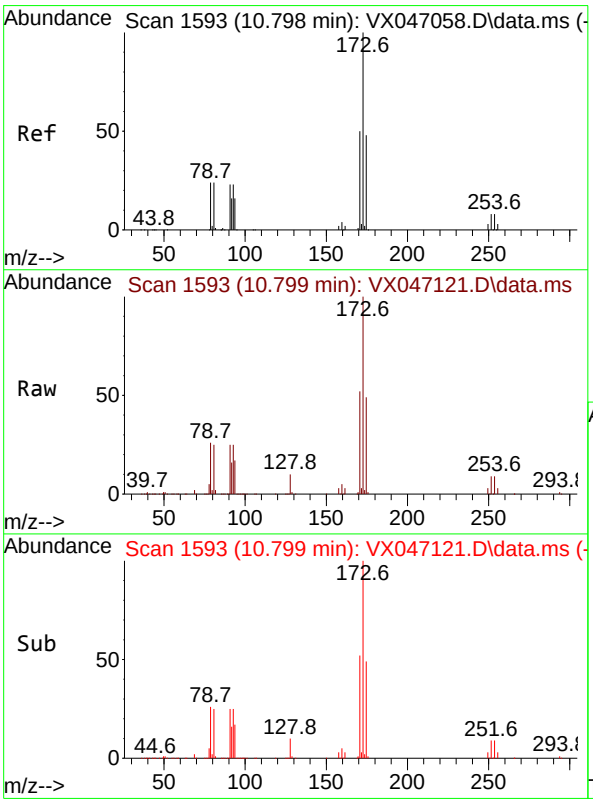
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:117 Resp: 702427

Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.4	68.2
119	32.6	26.1	39.1

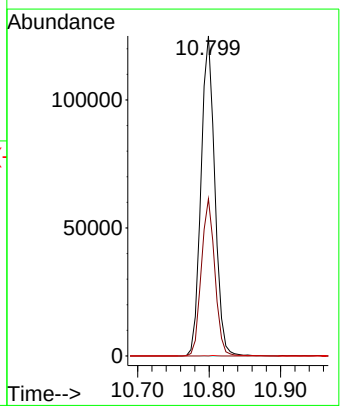


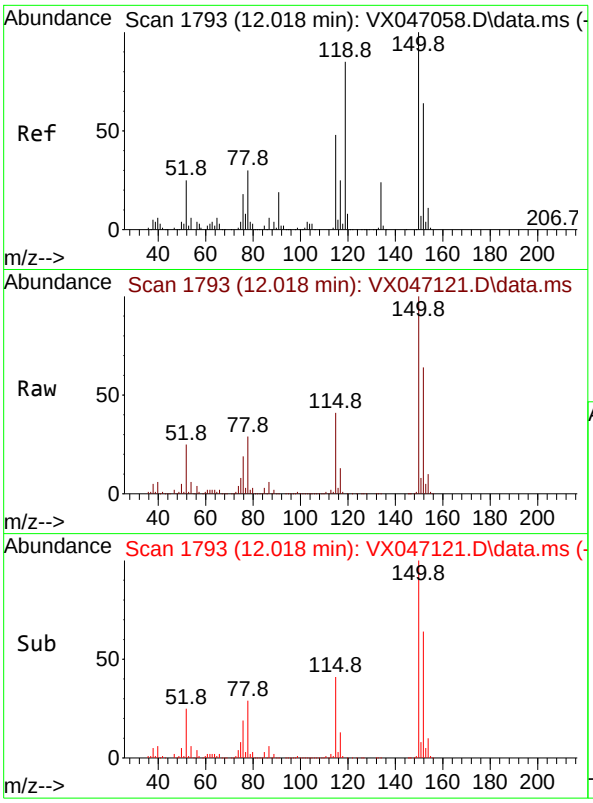


#71
Bromoform
Concen: 39.867 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Tgt Ion:173 Resp: 167778

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.2	72.6
254	0.1	0.1	0.1#



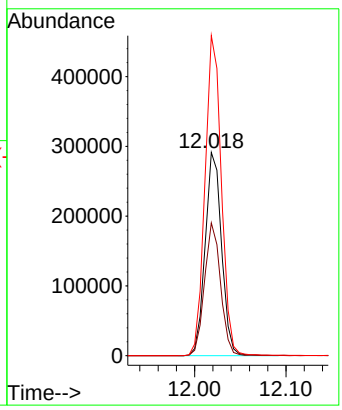


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX047121.D
Acq: 24 Jul 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:152 Resp: 362645

Ion	Ratio	Lower	Upper
152	100		
115	63.8	45.6	136.7
150	157.2	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047122.D
Acq On : 24 Jul 2025 15:54
Operator : JC/MD
Sample : Q2481-20 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Quant Time: Jul 25 01:25:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

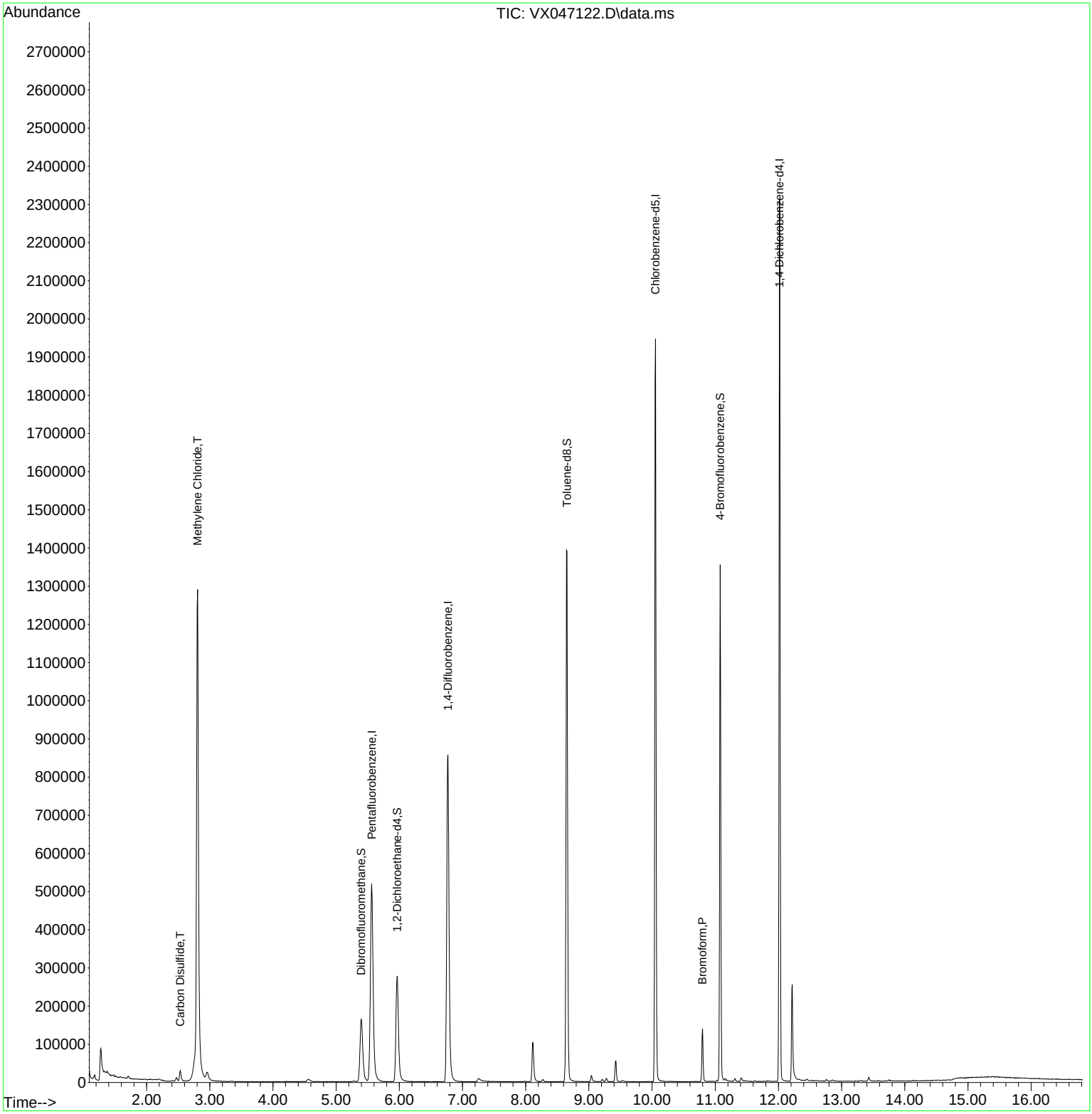
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	503250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	912608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	857469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	440518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	292044	46.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.180%		
35) Dibromofluoromethane	5.397	113	155554	27.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	55.220%#		
50) Toluene-d8	8.653	98	850076	46.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.160%		
62) 4-Bromofluorobenzene	11.079	95	351914	44.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.500%		
Target Compounds						Qvalue
17) Carbon Disulfide	2.532	76	36282	1.983	ug/l	98
20) Methylene Chloride	2.806	84	624555	90.398	ug/l	99
71) Bromoform	10.799	173	49616	9.658	ug/l #	98

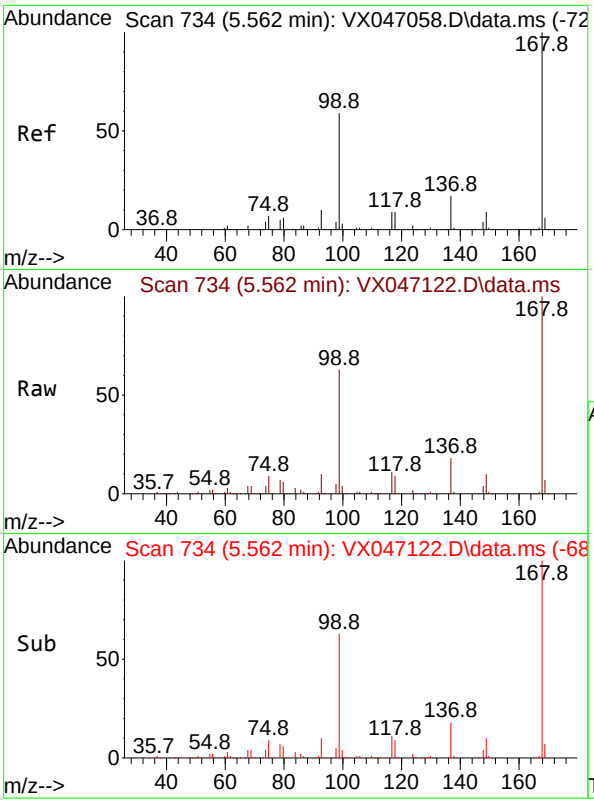
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047122.D
Acq On : 24 Jul 2025 15:54
Operator : JC/MD
Sample : Q2481-20 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Quant Time: Jul 25 01:25:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



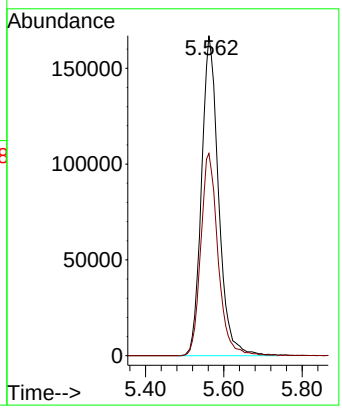


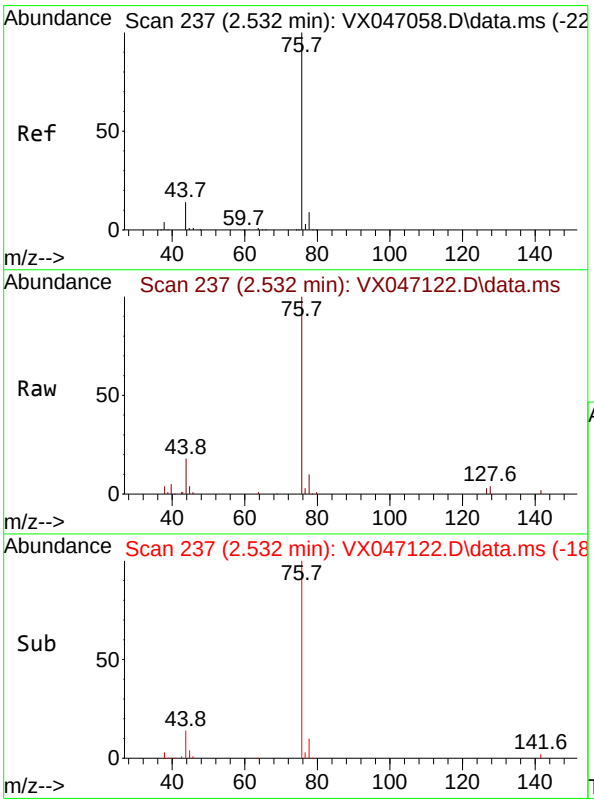
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Tgt Ion:168 Resp: 503250

Ion	Ratio	Lower	Upper
168	100		
99	63.2	48.0	72.0

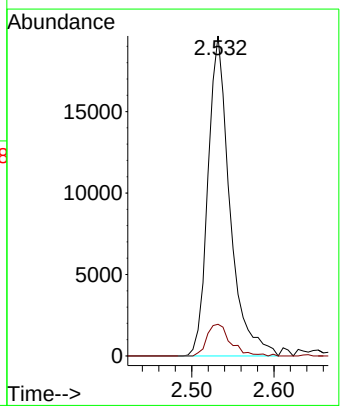


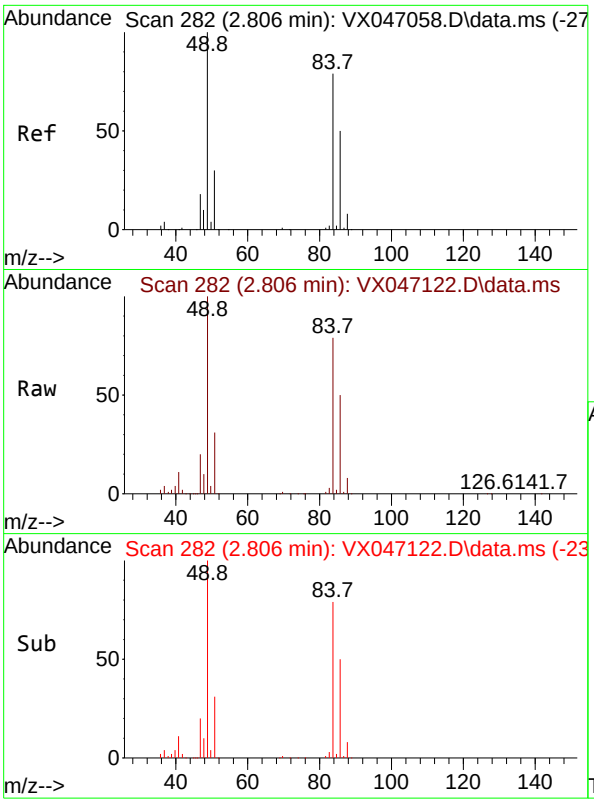


#17
Carbon Disulfide
Concen: 1.983 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion: 76 Resp: 36282

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.4



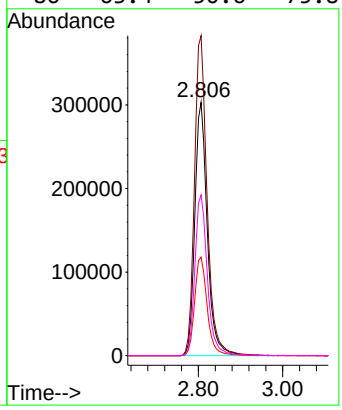


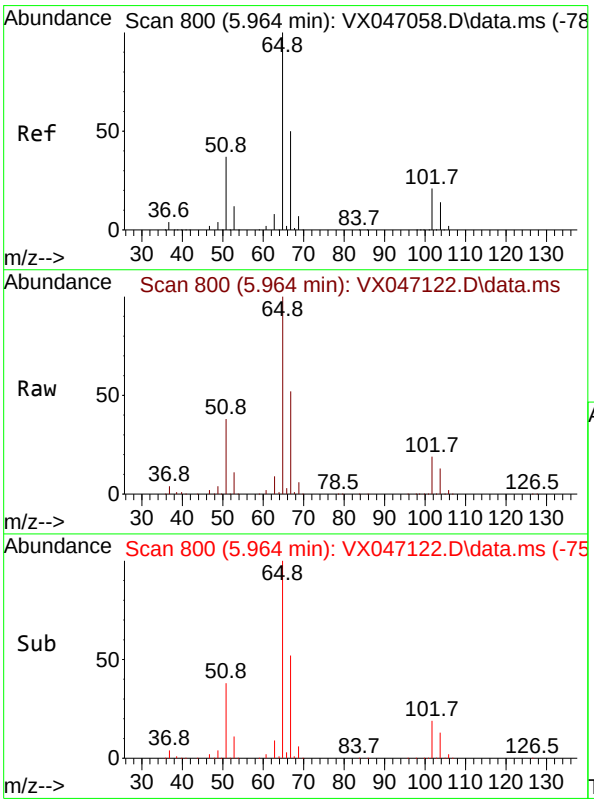
#20
Methylene Chloride
Concen: 90.398 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Tgt Ion: 84 Resp: 624555

Ion	Ratio	Lower	Upper
84	100		
49	126.3	101.6	152.4
51	38.9	30.3	45.5
86	63.4	50.6	75.8

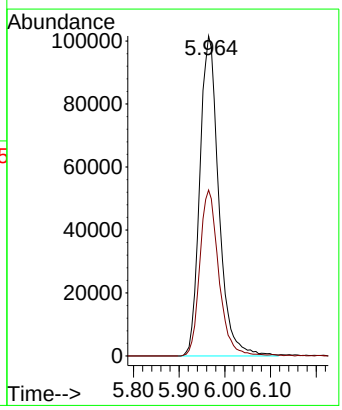


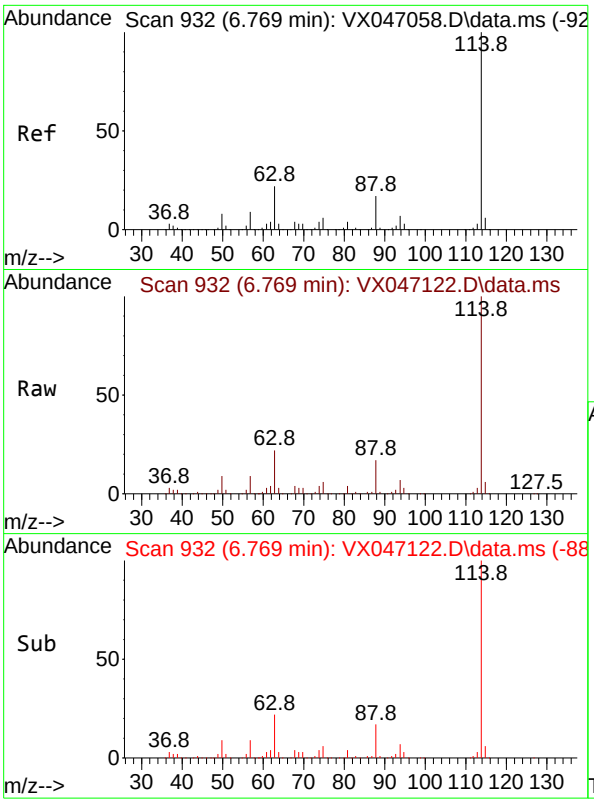


#33
1,2-Dichloroethane-d4
Concen: 46.586 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion: 65 Resp: 292044

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8



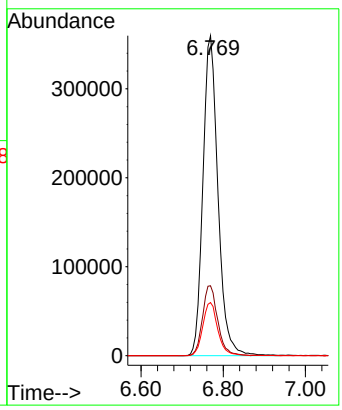


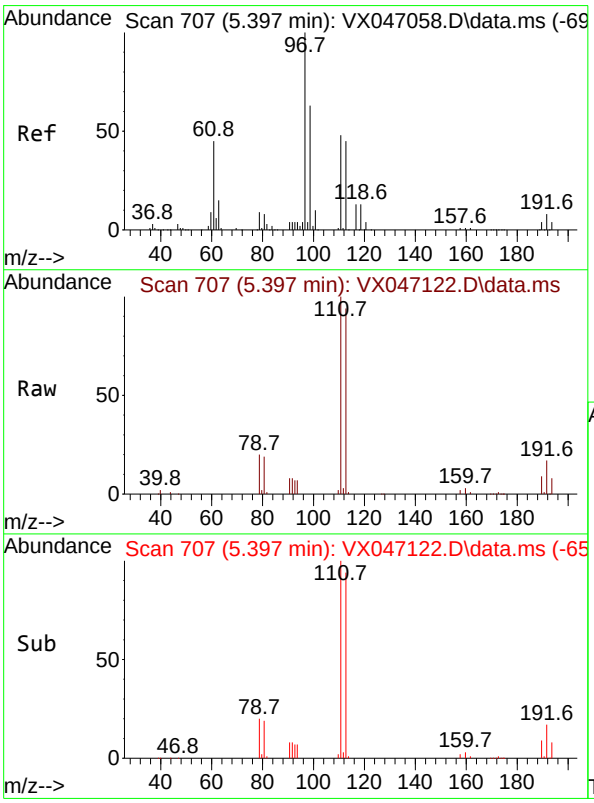
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Tgt Ion:114 Resp: 912608

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	16.6	0.0	33.8

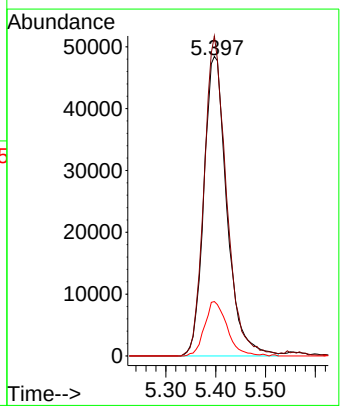


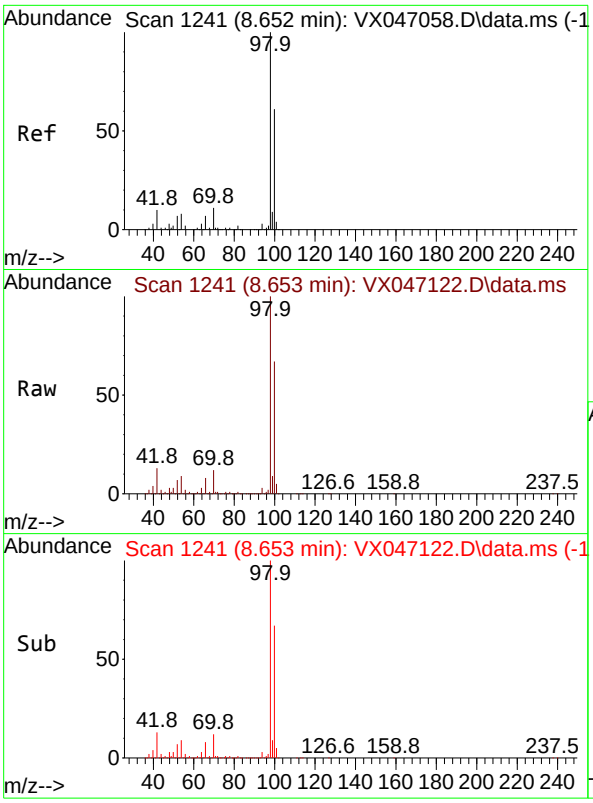


#35
Dibromofluoromethane
Concen: 27.606 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion:113 Resp: 155554

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	17.9	14.9	22.3



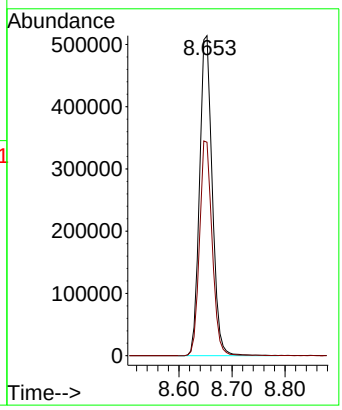


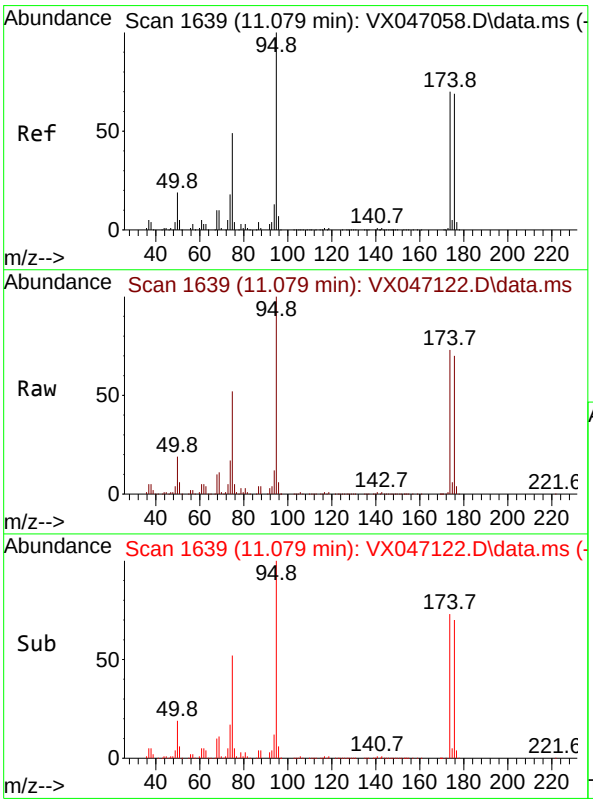
#50
Toluene-d8
Concen: 46.585 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Tgt Ion: 98 Resp: 850076

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9

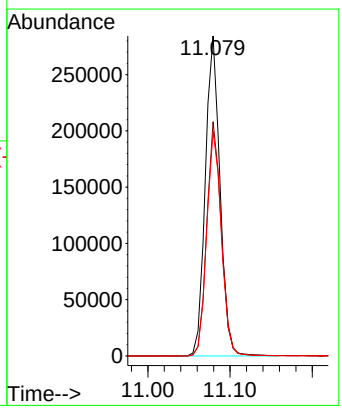


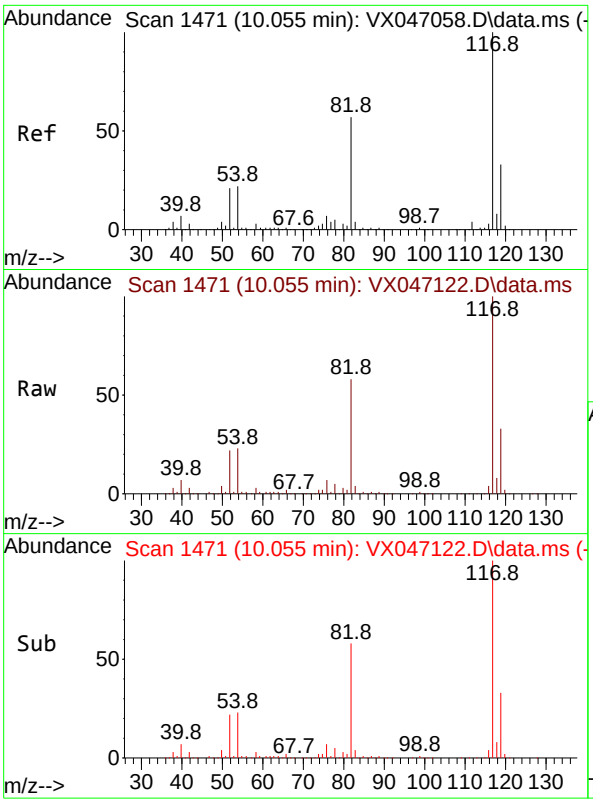


#62
4-Bromofluorobenzene
Concen: 44.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion: 95 Resp: 351914

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	144.6
176	70.2	0.0	139.6



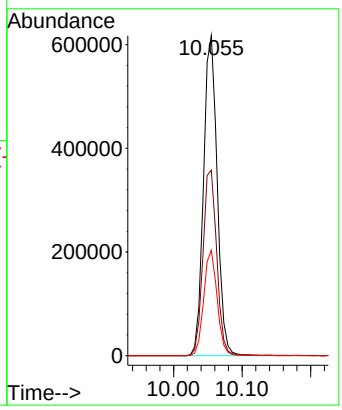


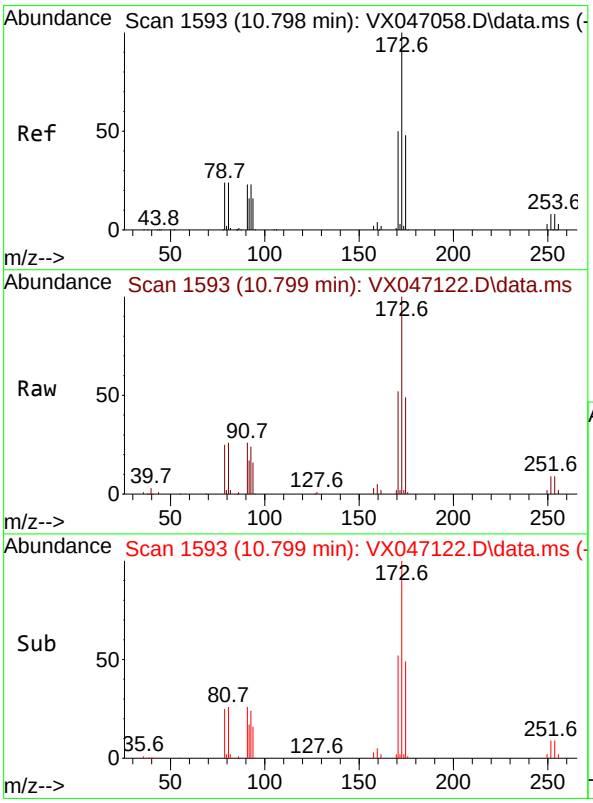
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Tgt Ion:117 Resp: 857469

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.4	68.2
119	33.0	26.1	39.1

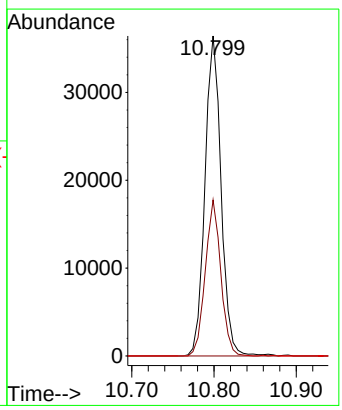


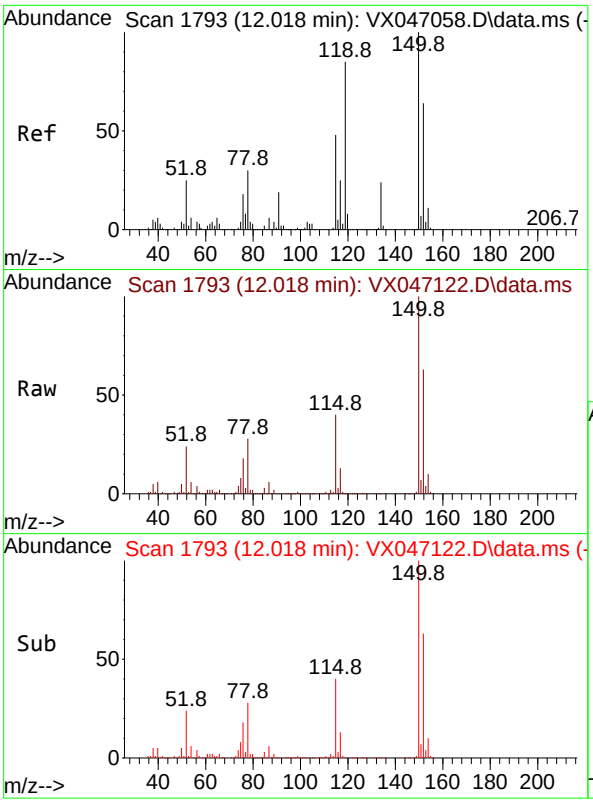


#71
Bromoform
Concen: 9.658 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Tgt Ion:173 Resp: 49616

Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.2	72.6
254	0.0	0.1	0.1#



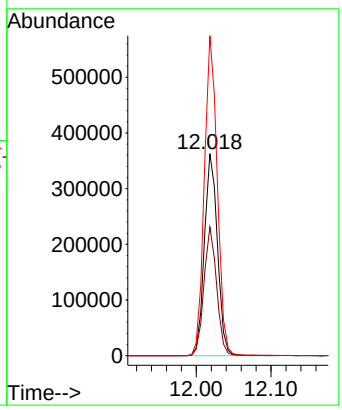


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047122.D
Acq: 24 Jul 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
CC0627-BL

Tgt Ion:152 Resp: 440518

Ion	Ratio	Lower	Upper
152	100		
115	61.8	45.6	136.7
150	156.8	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047120.D
Acq On : 24 Jul 2025 15:12
Operator : JC/MD
Sample : Q2481-21 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Quant Time: Jul 25 01:24:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

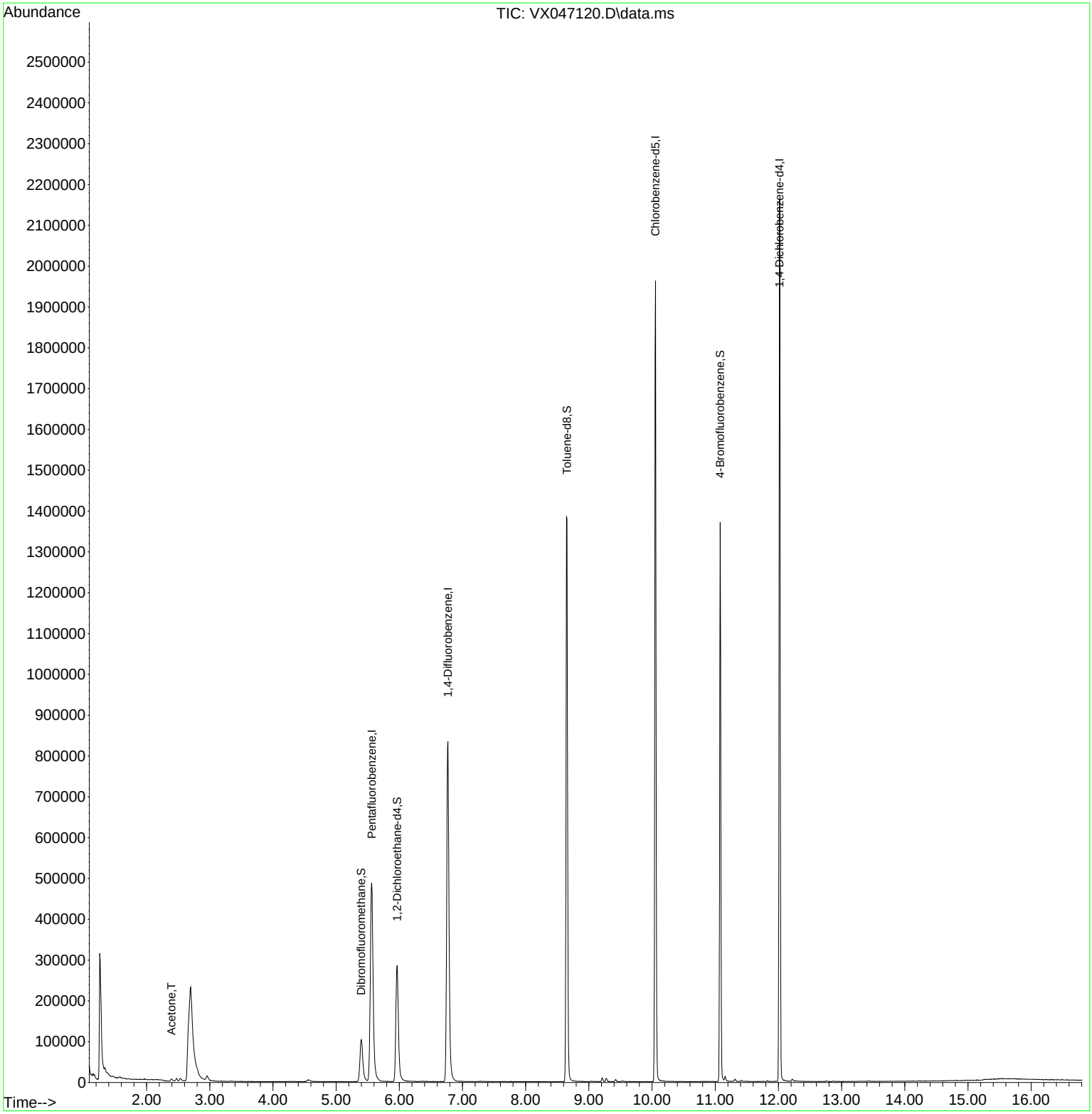
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	488832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	892867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	845132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	418999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	302516	49.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.360%		
35) Dibromofluoromethane	5.397	113	100894	18.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.600%#		
50) Toluene-d8	8.653	98	856632	47.982	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.079	95	362137	47.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.140%		
Target Compounds						Qvalue
16) Acetone	2.392	43	7716	3.163	ug/l #	80

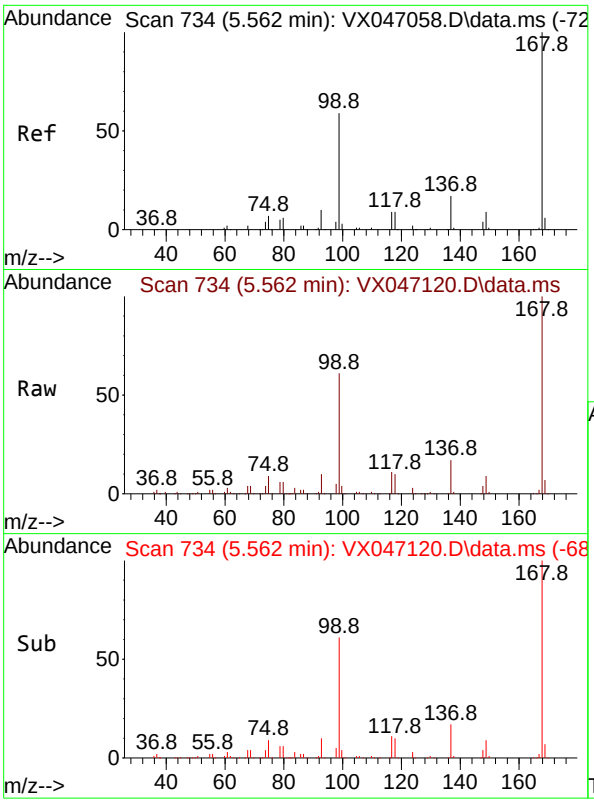
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047120.D
Acq On : 24 Jul 2025 15:12
Operator : JC/MD
Sample : Q2481-21 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Quant Time: Jul 25 01:24:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



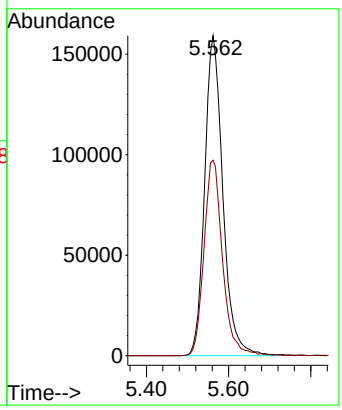


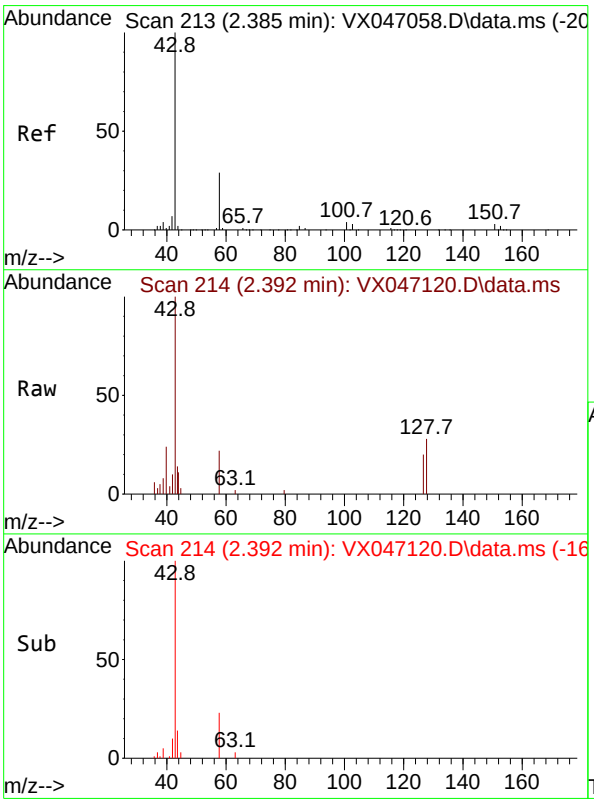
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Tgt Ion:168 Resp: 488832

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.0	72.0

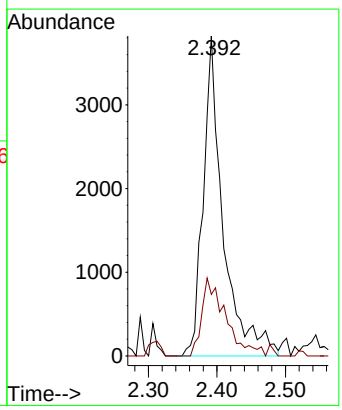


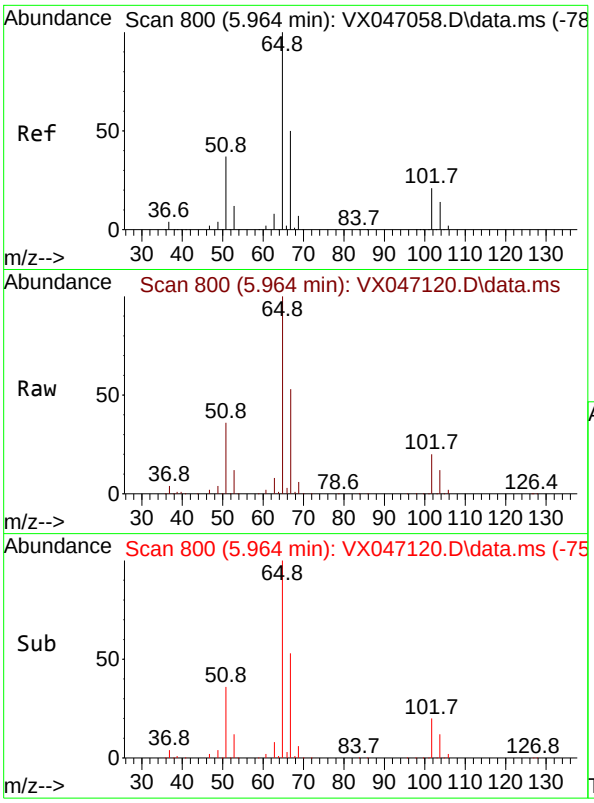


#16
Acetone
Concen: 3.163 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Tgt Ion: 43 Resp: 7716

Ion	Ratio	Lower	Upper
43	100		
58	19.2	24.0	36.0#



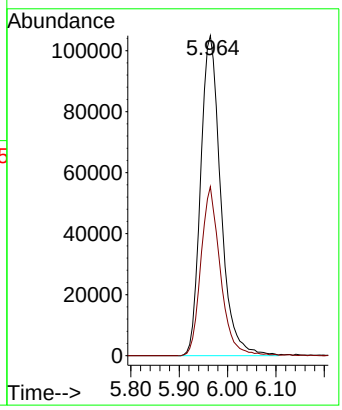


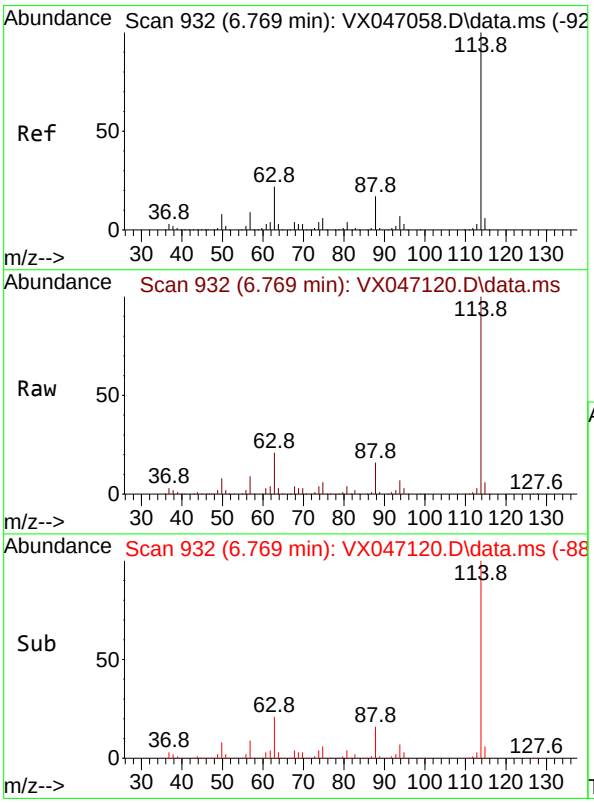
#33
1,2-Dichloroethane-d4
Concen: 49.680 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Tgt Ion: 65 Resp: 302516

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.8

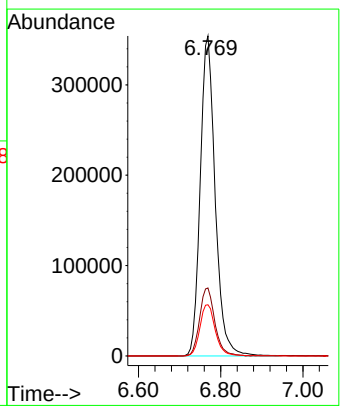


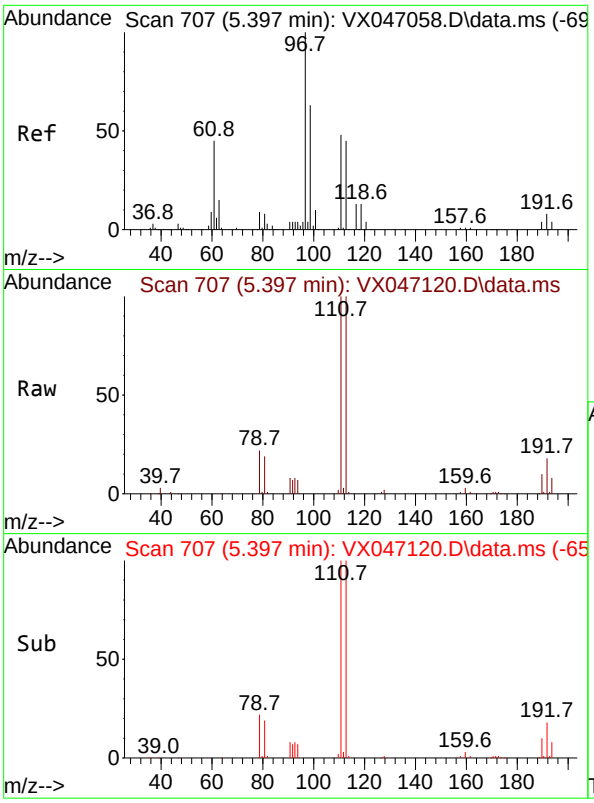


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Tgt Ion:114 Resp: 892867

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	16.0	0.0	33.8



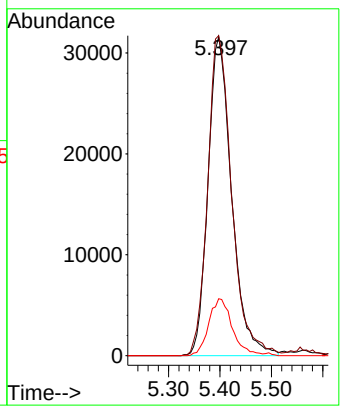


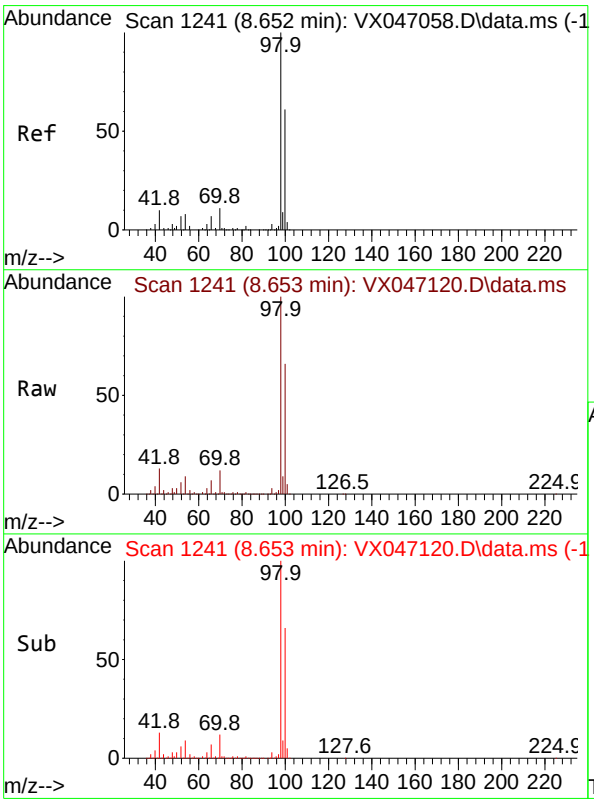
#35
Dibromofluoromethane
Concen: 18.302 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Tgt Ion:113 Resp: 100894

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	17.8	14.9	22.3

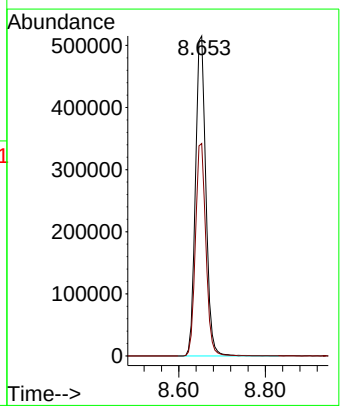


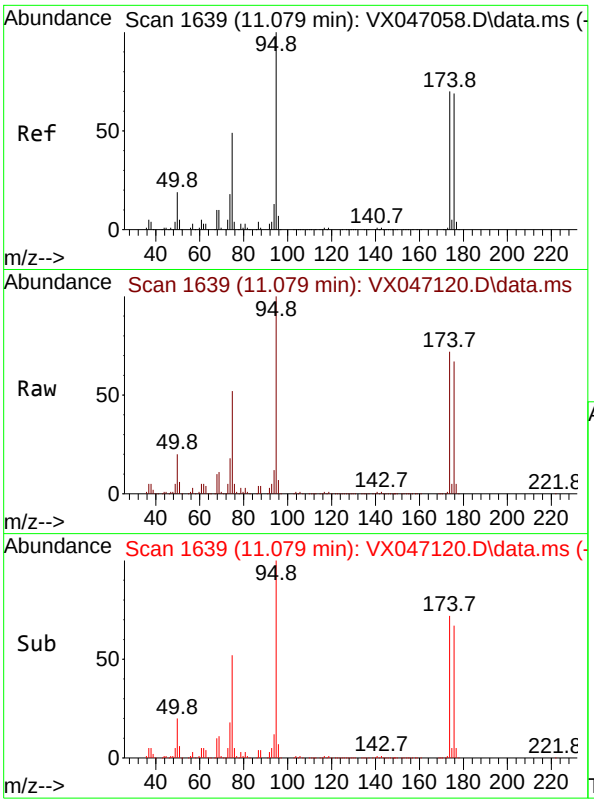


#50
Toluene-d8
Concen: 47.982 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Tgt Ion: 98 Resp: 856632

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9



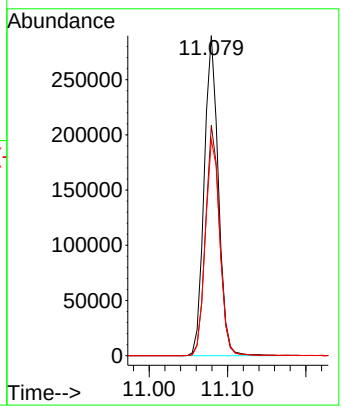


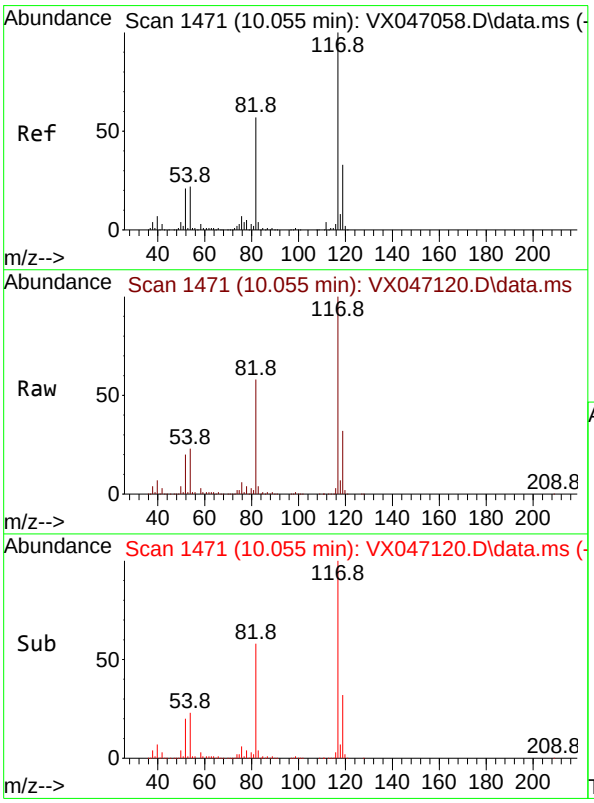
#62
4-Bromofluorobenzene
Concen: 47.069 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Tgt Ion: 95 Resp: 362137

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	144.6
176	69.5	0.0	139.6

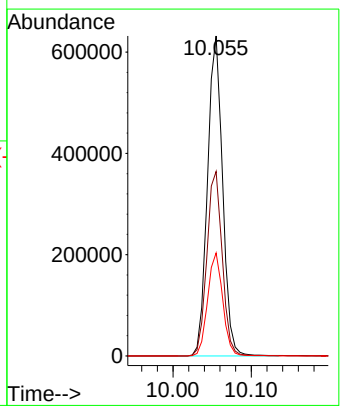


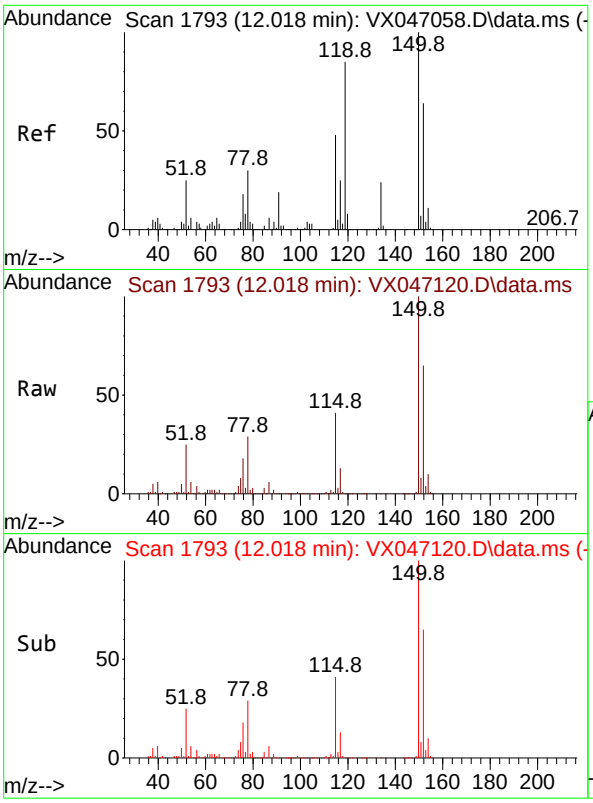


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Tgt Ion:117 Resp: 845132

Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.4	68.2
119	32.2	26.1	39.1



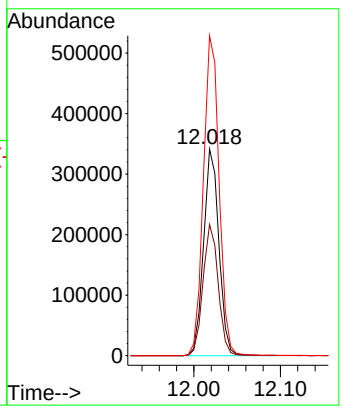


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047120.D
Acq: 24 Jul 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
CC0627-SFBL

Tgt Ion:152 Resp: 418999

Ion	Ratio	Lower	Upper
152	100		
115	63.5	45.6	136.7
150	159.0	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047079.D
Acq On : 23 Jul 2025 10:45
Operator : JC/MD
Sample : VX0723WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Quant Time: Jul 24 05:44:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	495715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	888951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	838806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	406646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	306719	49.671	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.340%			
35) Dibromofluoromethane	5.391	113	259326	47.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.500%			
50) Toluene-d8	8.647	98	926506	52.124	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.240%			
62) 4-Bromofluorobenzene	11.079	95	370567	48.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.760%			

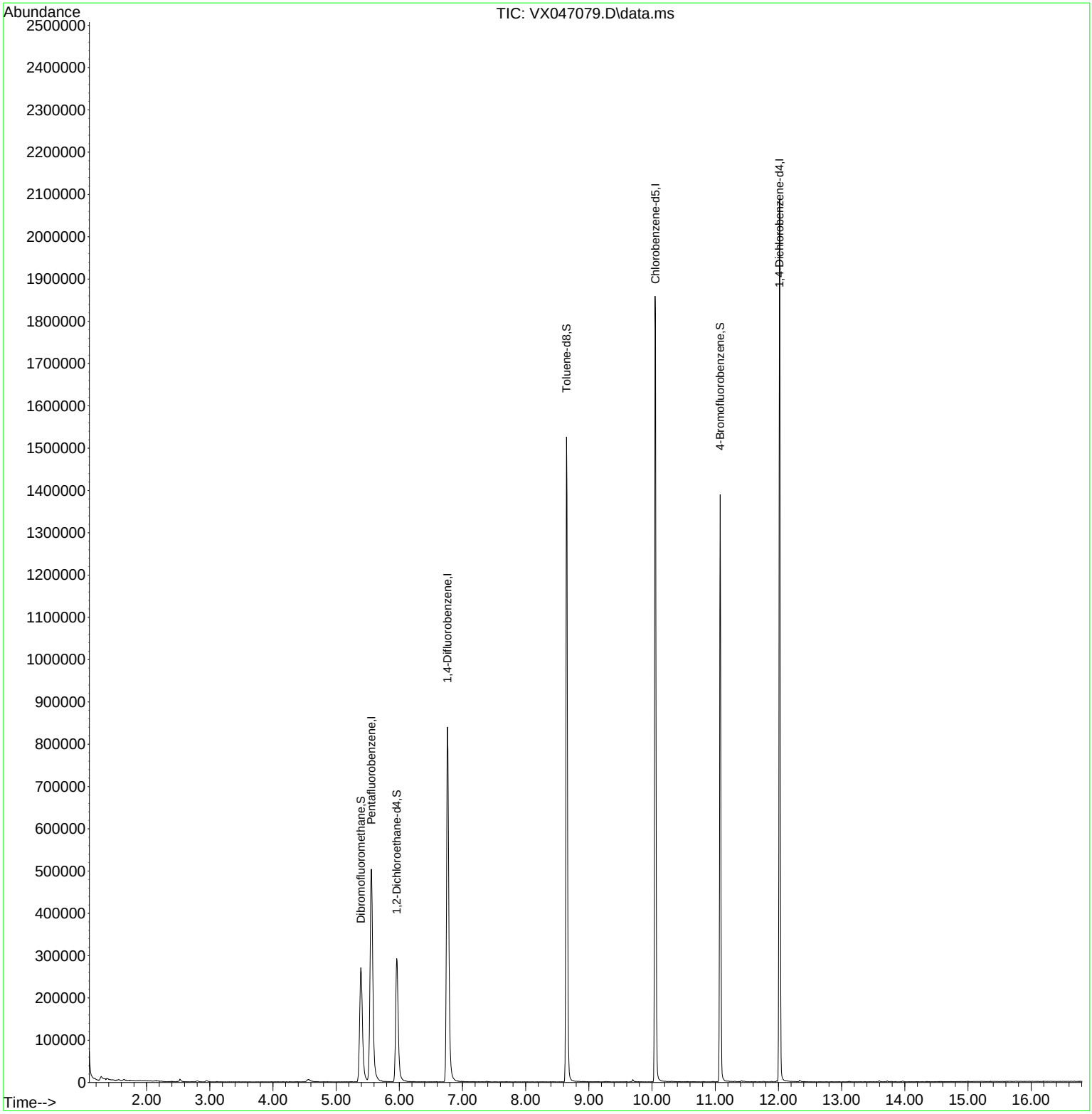
Target Compounds	Qvalue

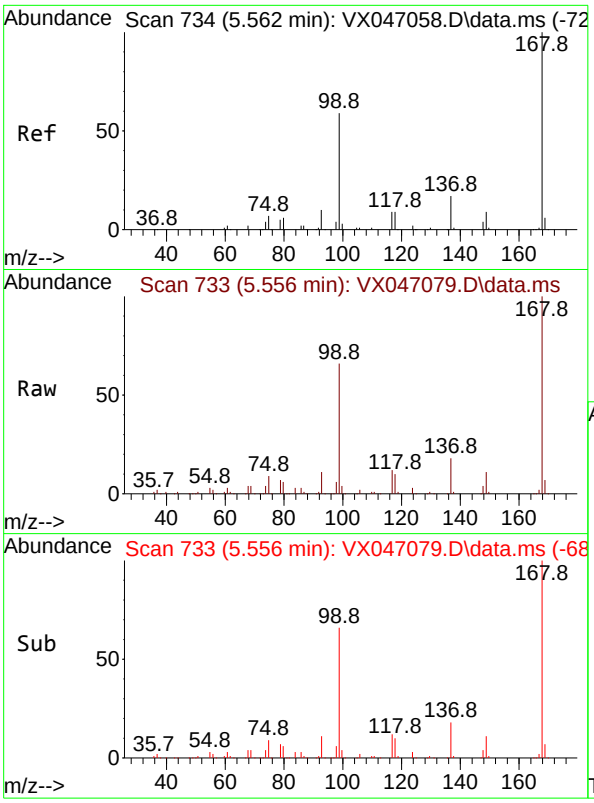
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047079.D
Acq On : 23 Jul 2025 10:45
Operator : JC/MD
Sample : VX0723WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Quant Time: Jul 24 05:44:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



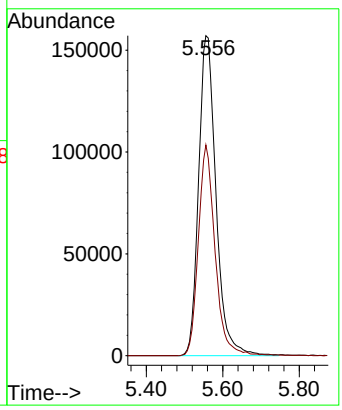


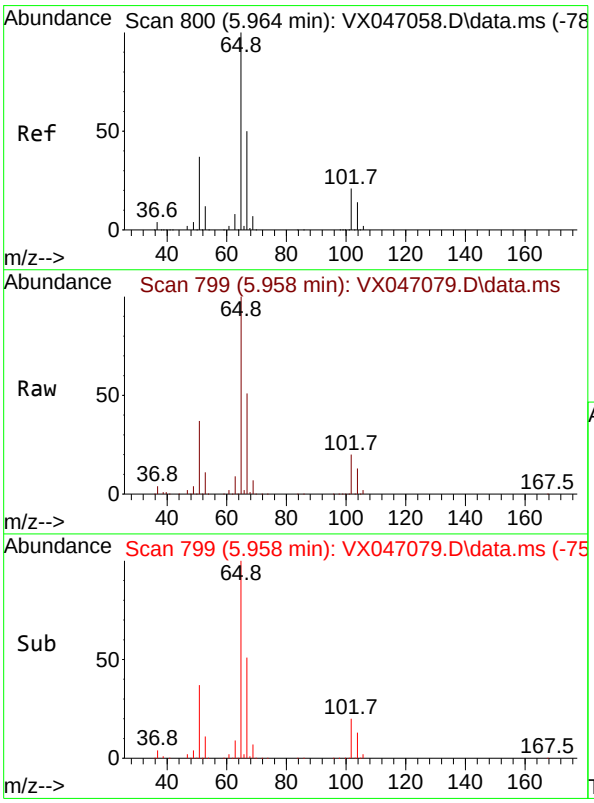
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:168 Resp: 495715

Ion	Ratio	Lower	Upper
168	100		
99	65.8	48.0	72.0

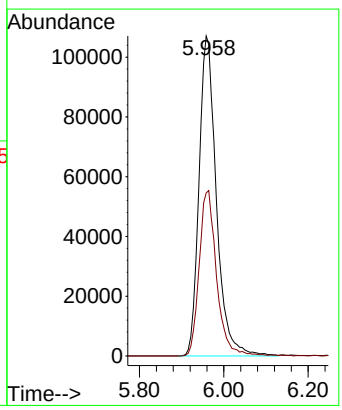


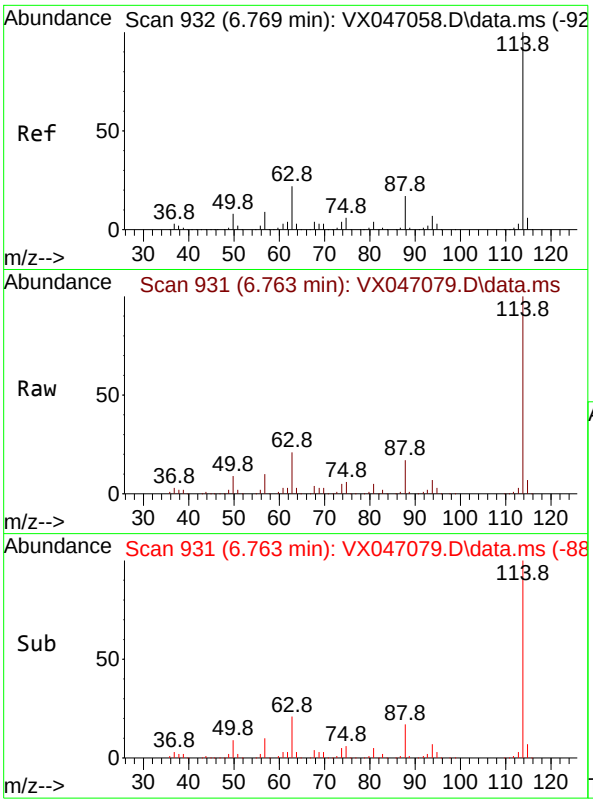


#33
1,2-Dichloroethane-d4
Concen: 49.671 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 65 Resp: 306719

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8



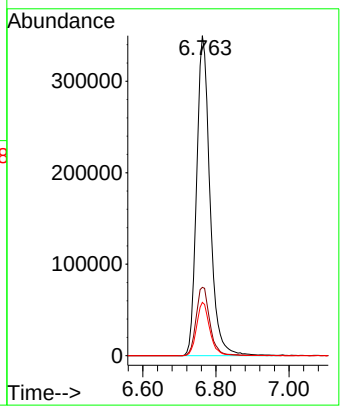


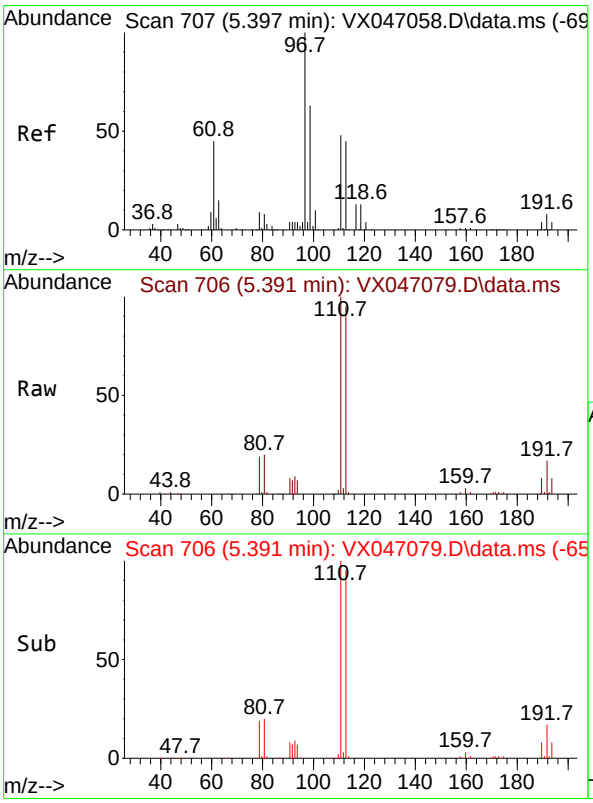
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:114 Resp: 888951

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	16.7	0.0	33.8

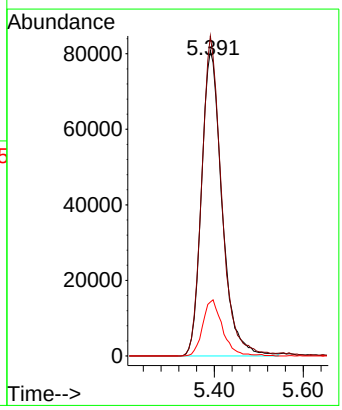


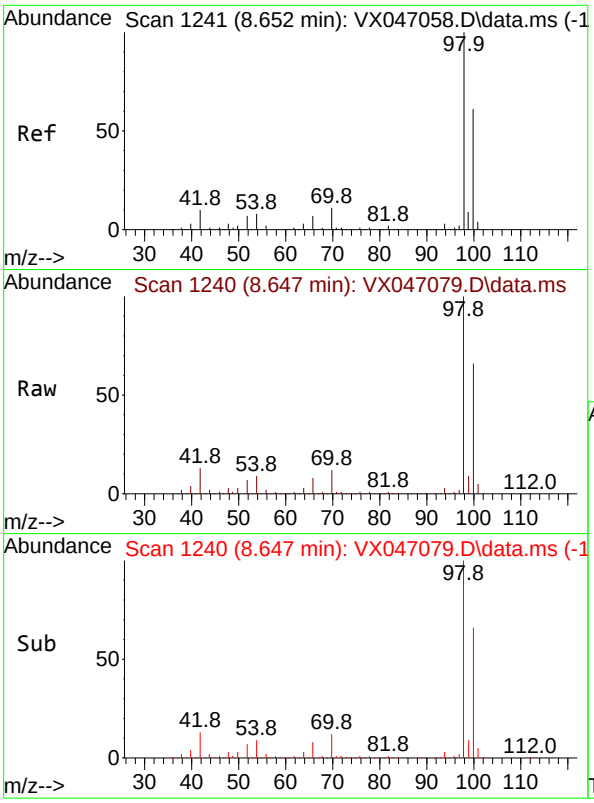


#35
Dibromofluoromethane
Concen: 47.247 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion:113 Resp: 259326

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	17.6	14.9	22.3



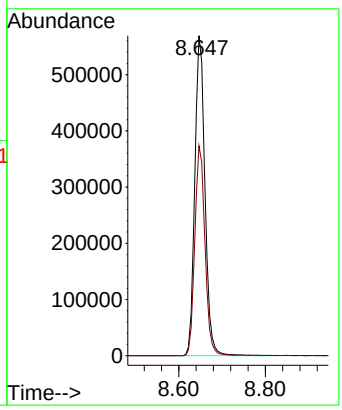


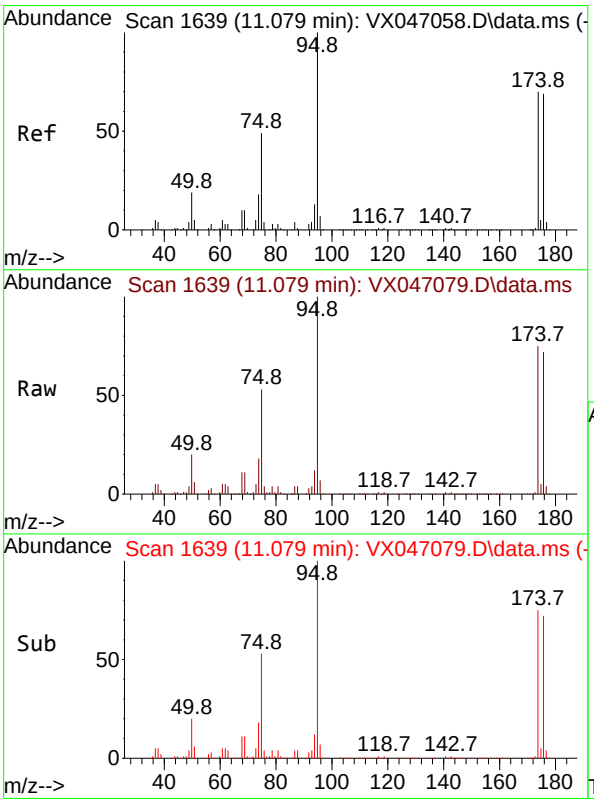
#50
Toluene-d8
Concen: 52.124 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion: 98 Resp: 926506

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.3	79.9

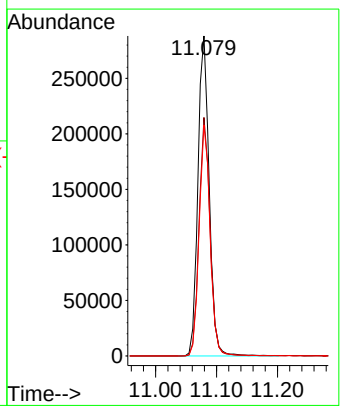


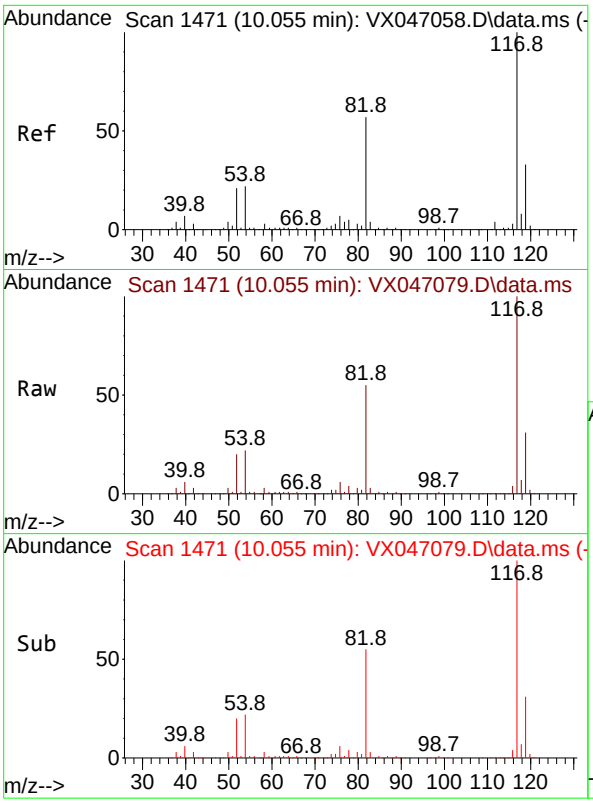


#62
4-Bromofluorobenzene
Concen: 48.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 95 Resp: 370567

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	144.6
176	70.4	0.0	139.6



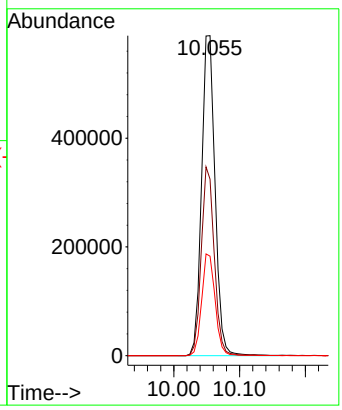


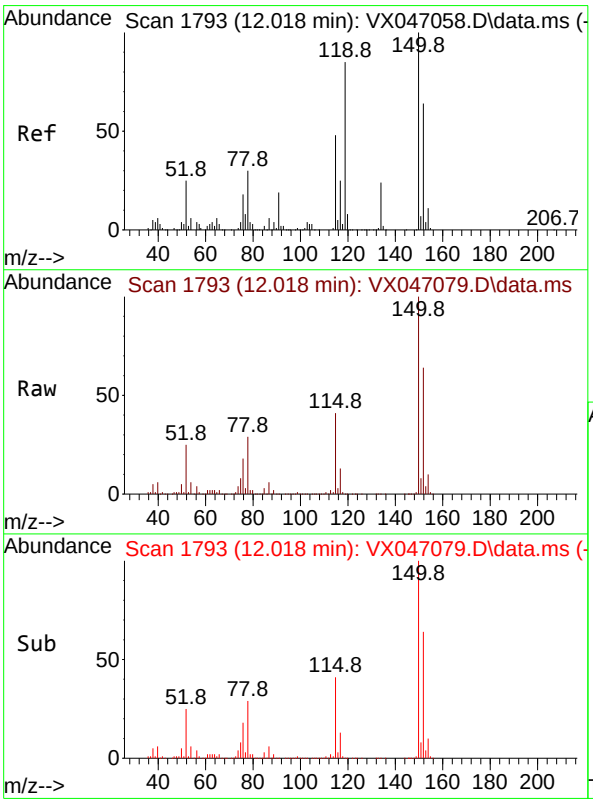
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:117 Resp: 838806

Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.4	68.2
119	31.1	26.1	39.1

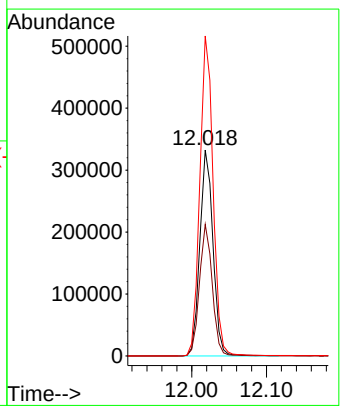




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion:152 Resp: 406646

Ion	Ratio	Lower	Upper
152	100		
115	62.1	45.6	136.7
150	156.4	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047107.D
Acq On : 24 Jul 2025 10:34
Operator : JC/MD
Sample : VX0724WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBL01

Quant Time: Jul 25 01:19:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	463916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	839242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	802389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	396966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	303642	52.543	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.080%			
35) Dibromofluoromethane	5.397	113	251590	48.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.100%			
50) Toluene-d8	8.653	98	903609	53.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.700%			
62) 4-Bromofluorobenzene	11.079	95	372094	51.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.900%			

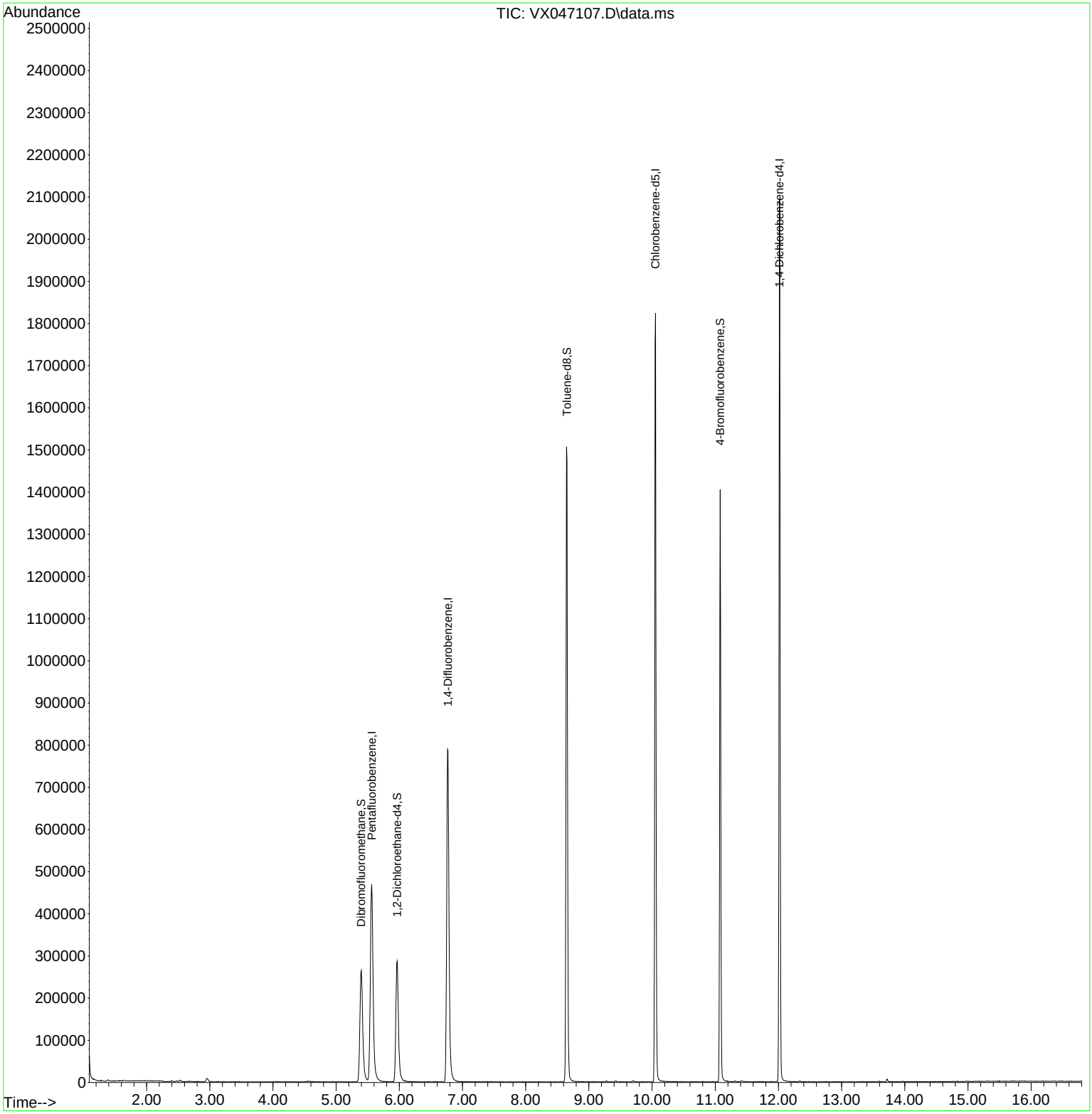
Target Compounds Qvalue

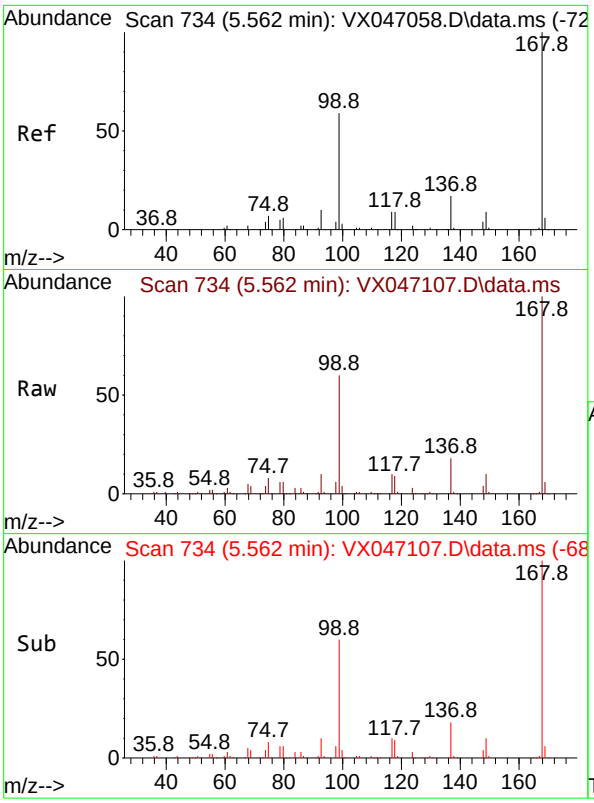
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047107.D
Acq On : 24 Jul 2025 10:34
Operator : JC/MD
Sample : VX0724WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBL01

Quant Time: Jul 25 01:19:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



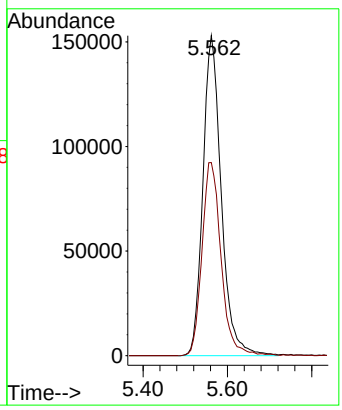


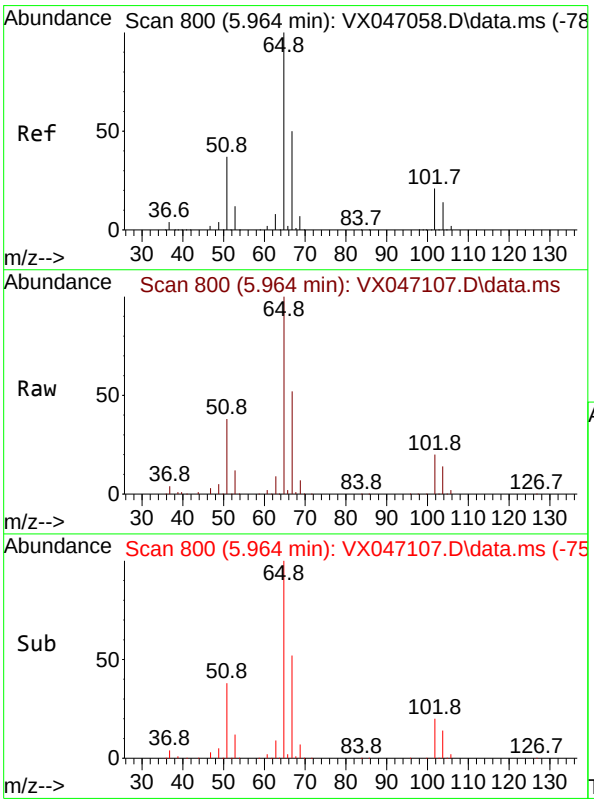
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBL01

Tgt Ion:168 Resp: 463916

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.0	72.0

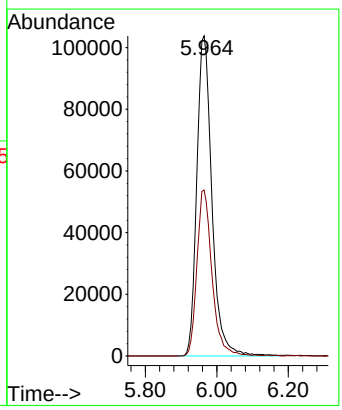


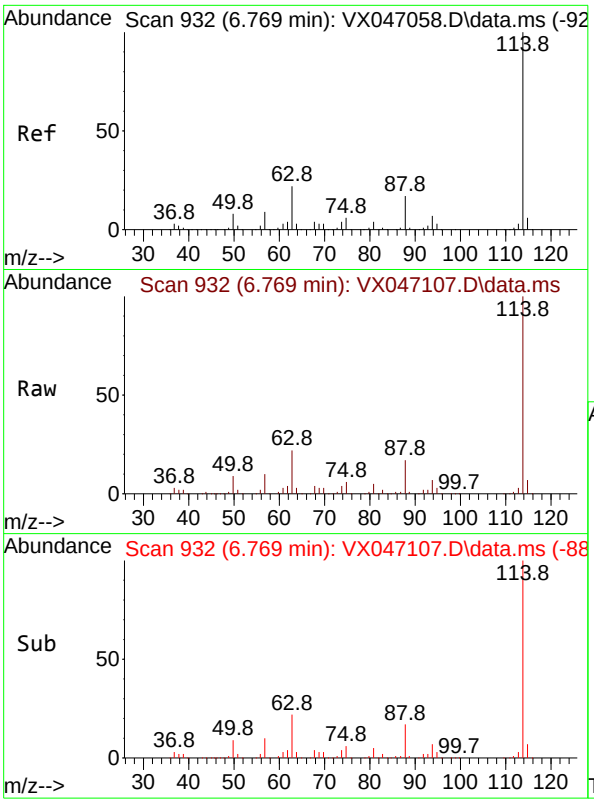


#33
1,2-Dichloroethane-d4
Concen: 52.543 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion: 65 Resp: 303642

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.8



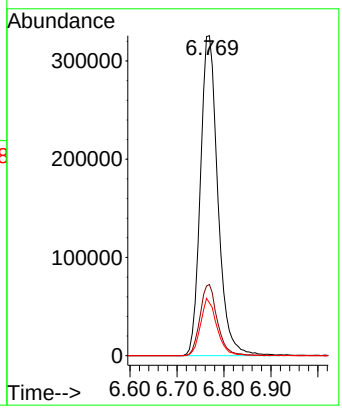


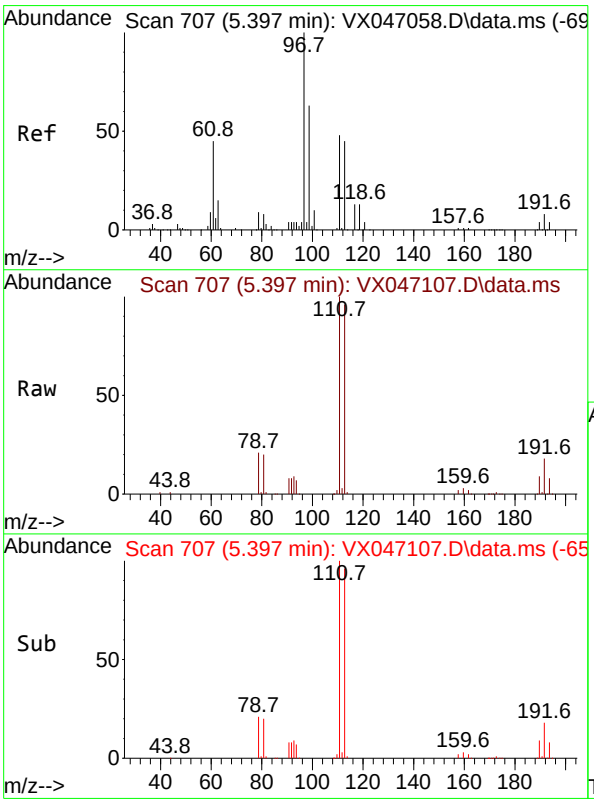
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBL01

Tgt Ion:114 Resp: 839242

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	16.6	0.0	33.8

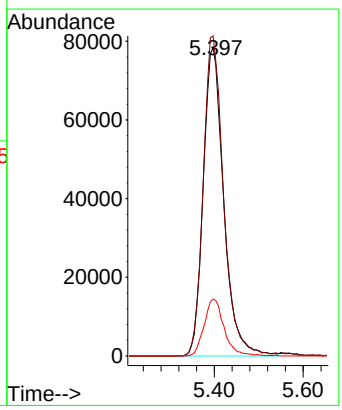


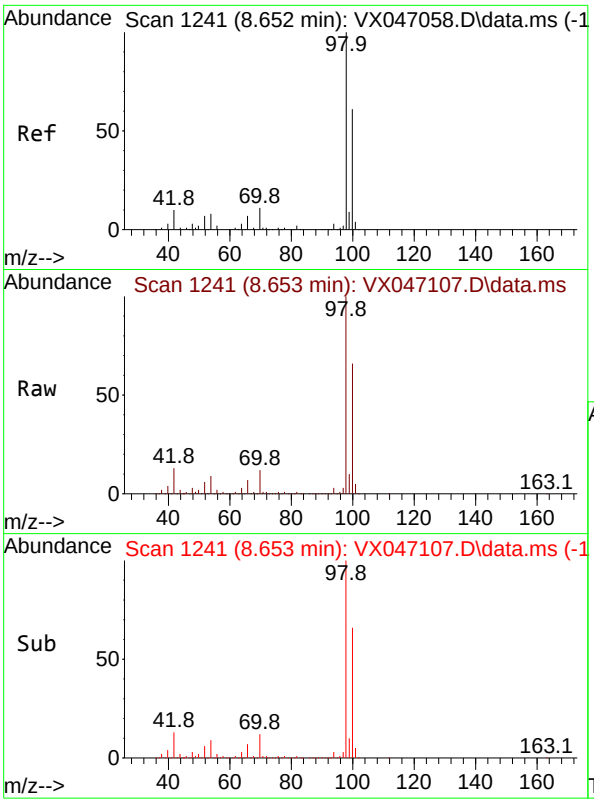


#35
Dibromofluoromethane
Concen: 48.553 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion:113 Resp: 251590

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.0	14.9	22.3



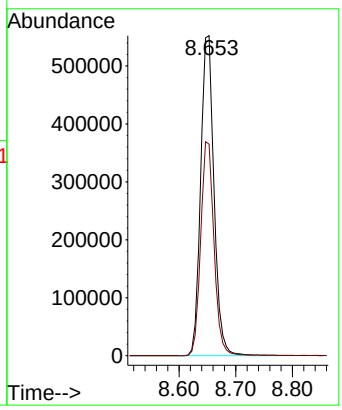


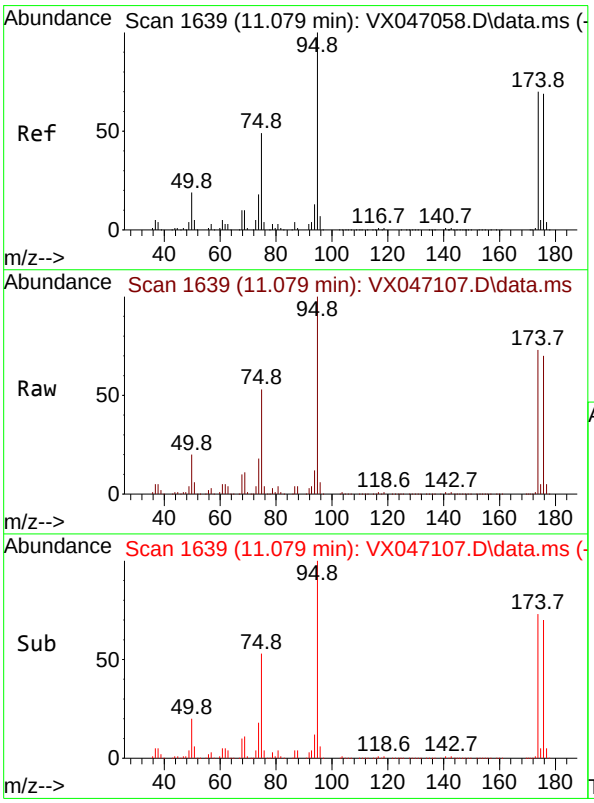
#50
Toluene-d8
Concen: 53.847 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBL01

Tgt Ion: 98 Resp: 903609

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

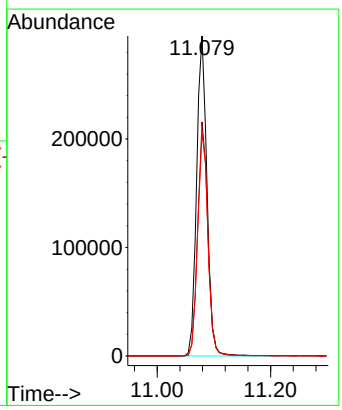


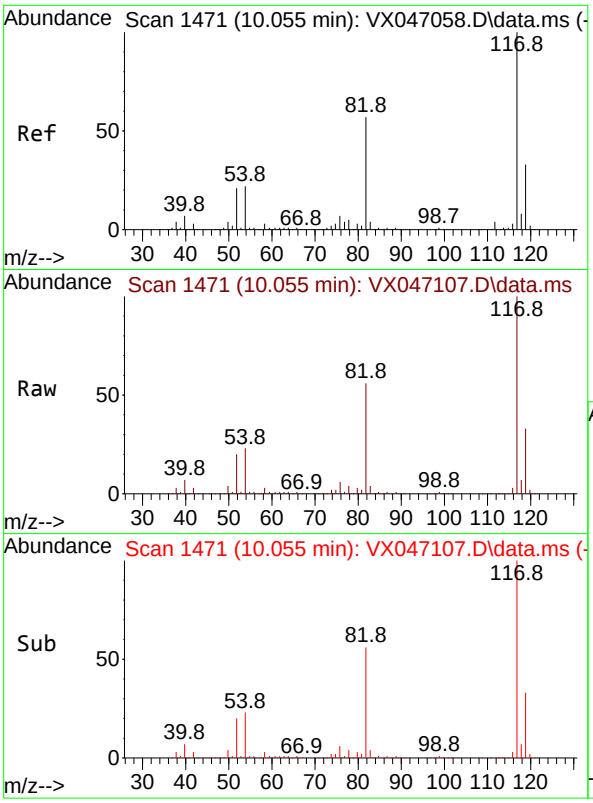


#62
4-Bromofluorobenzene
Concen: 51.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion: 95 Resp: 372094

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	144.6
176	69.7	0.0	139.6



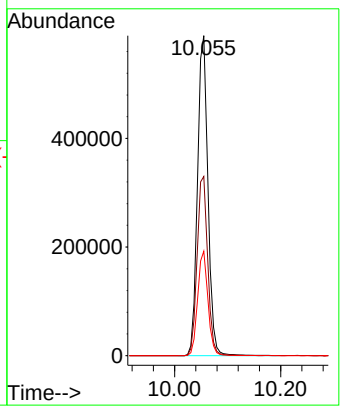


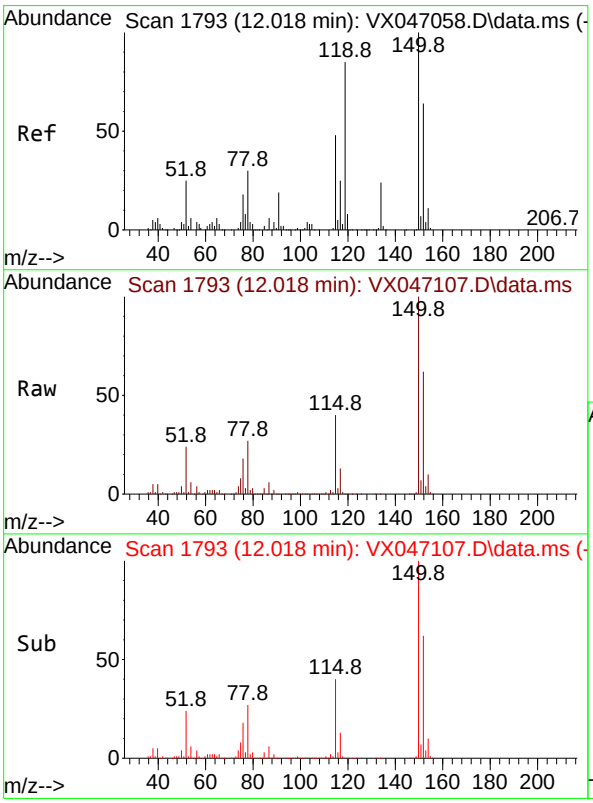
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBL01

Tgt Ion:117 Resp: 802389

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.4	68.2
119	32.6	26.1	39.1

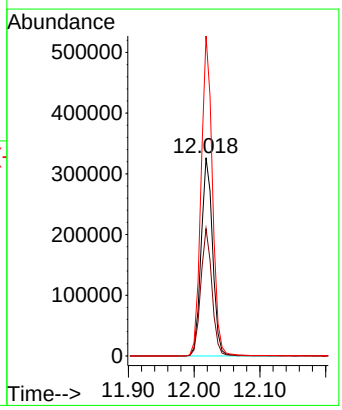




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047107.D
Acq: 24 Jul 2025 10:34

Tgt Ion:152 Resp: 396966

Ion	Ratio	Lower	Upper
152	100		
115	62.5	45.6	136.7
150	158.5	0.0	354.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047080.D
Acq On : 23 Jul 2025 11:13
Operator : JC/MD
Sample : VX0723WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 05:44:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	361496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	612680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	542704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	268316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	220854	49.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.080%			
35) Dibromofluoromethane	5.391	113	186492	49.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.647	98	574447	46.891	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.780%			
62) 4-Bromofluorobenzene	11.079	95	249887	47.332	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	94947	19.774	ug/l	99
3) Chloromethane	1.307	50	91576	19.281	ug/l	98
4) Vinyl Chloride	1.386	62	97520	19.100	ug/l	97
5) Bromomethane	1.624	94	68168	24.579	ug/l	99
6) Chloroethane	1.703	64	59366	17.704	ug/l	97
7) Trichlorofluoromethane	1.904	101	144644	18.999	ug/l	95
8) Diethyl Ether	2.148	74	50393	18.773	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	85292	18.595	ug/l	99
10) Methyl Iodide	2.465	142	69430	14.852	ug/l	98
11) Tert butyl alcohol	2.959	59	43656	75.763	ug/l	98
12) 1,1-Dichloroethene	2.337	96	84756	18.656	ug/l	98
13) Acrolein	2.245	56	121795	125.614	ug/l	99
14) Allyl chloride	2.678	41	154616	18.828	ug/l	99
15) Acrylonitrile	3.068	53	200778	93.487	ug/l	100
16) Acetone	2.386	43	155438	86.165	ug/l	99
17) Carbon Disulfide	2.526	76	241882	18.404	ug/l	98
18) Methyl Acetate	2.709	43	85906	17.920	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	252371	18.253	ug/l	99
20) Methylene Chloride	2.800	84	92754	18.690	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	87280	18.774	ug/l	99
22) Diisopropyl ether	3.770	45	301292	19.083	ug/l	90
23) Vinyl Acetate	3.727	43	1195327	94.392	ug/l	100
24) 1,1-Dichloroethane	3.623	63	164981	18.791	ug/l	99
25) 2-Butanone	4.562	43	233644	88.949	ug/l	99
26) 2,2-Dichloropropane	4.483	77	122724	18.058	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	102624	18.642	ug/l	99
28) Bromochloromethane	4.903	49	75175	18.612	ug/l	99
29) Tetrahydrofuran	5.007	42	153658	90.665	ug/l	99
30) Chloroform	5.099	83	168849	18.893	ug/l	98
31) Cyclohexane	5.483	56	155147	18.430	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	142655	18.377	ug/l	99
36) 1,1-Dichloropropene	5.696	75	118974	18.451	ug/l	98
37) Ethyl Acetate	4.721	43	98742	16.618	ug/l	100
38) Carbon Tetrachloride	5.684	117	124370	18.071	ug/l	97
39) Methylcyclohexane	7.385	83	144529	17.952	ug/l	96
40) Benzene	6.043	78	349201	18.713	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047080.D
Acq On : 23 Jul 2025 11:13
Operator : JC/MD
Sample : VX0723WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 05:44:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	57055	18.365	ug/l		95
42) 1,2-Dichloroethane	6.092	62	126004	19.168	ug/l		97
43) Isopropyl Acetate	6.342	43	168417	18.182	ug/l		99
44) Trichloroethene	7.129	130	86185	18.010	ug/l		98
45) 1,2-Dichloropropane	7.433	63	87148	18.646	ug/l		95
46) Dibromomethane	7.586	93	62619	19.105	ug/l		98
47) Bromodichloromethane	7.824	83	130318	18.680	ug/l		98
48) Methyl methacrylate	7.696	41	86555	17.152	ug/l		100
49) 1,4-Dioxane	7.659	88	20462	356.518	ug/l		99
51) 4-Methyl-2-Pentanone	8.567	43	509611	92.558	ug/l		98
52) Toluene	8.720	92	214294	18.676	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	119927	18.204	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	137184	19.026	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	79236	18.413	ug/l		98
56) Ethyl methacrylate	9.116	69	117380	18.425	ug/l		98
57) 1,3-Dichloropropane	9.305	76	141099	18.867	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	313215	88.354	ug/l		100
59) 2-Hexanone	9.427	43	341522	93.886	ug/l		99
60) Dibromochloromethane	9.518	129	94020	18.629	ug/l		100
61) 1,2-Dibromoethane	9.610	107	83100	18.468	ug/l		99
64) Tetrachloroethene	9.275	164	70954	18.136	ug/l		96
65) Chlorobenzene	10.079	112	238955	18.795	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79720	18.624	ug/l		98
67) Ethyl Benzene	10.189	91	417004	18.759	ug/l		98
68) m/p-Xylenes	10.299	106	313480	37.684	ug/l		99
69) o-Xylene	10.640	106	148377	18.749	ug/l		98
70) Styrene	10.652	104	262938	19.376	ug/l		98
71) Bromoform	10.799	173	58337	17.941	ug/l	#	98
73) Isopropylbenzene	10.957	105	400473	18.918	ug/l		100
74) N-amyl acetate	10.841	43	152907	17.902	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	110786	18.322	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	91613m	18.447	ug/l		
77) Bromobenzene	11.195	156	93470	18.409	ug/l		99
78) n-propylbenzene	11.305	91	477633	18.882	ug/l		100
79) 2-Chlorotoluene	11.360	91	278245	18.401	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	326386	18.663	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	33172	17.208	ug/l		96
82) 4-Chlorotoluene	11.451	91	329898	18.691	ug/l		99
83) tert-Butylbenzene	11.713	119	327705	18.670	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	327517	18.776	ug/l		99
85) sec-Butylbenzene	11.890	105	416843	19.006	ug/l		99
86) p-Isopropyltoluene	12.006	119	344038	18.916	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	180013	18.659	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	181380	18.557	ug/l		98
89) n-Butylbenzene	12.329	91	327775	19.218	ug/l		98
90) Hexachloroethane	12.536	117	59083	18.159	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	171561	18.607	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20920	18.024	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	113441	18.621	ug/l		99
94) Hexachlorobutadiene	13.719	225	41014	19.796	ug/l		98
95) Naphthalene	13.774	128	328980	18.421	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	105785	18.025	ug/l		98

Sample Results: **VX047080.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047080.D
Acq On : 23 Jul 2025 11:13
Operator : JC/MD
Sample : VX0723WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 05:44:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

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

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

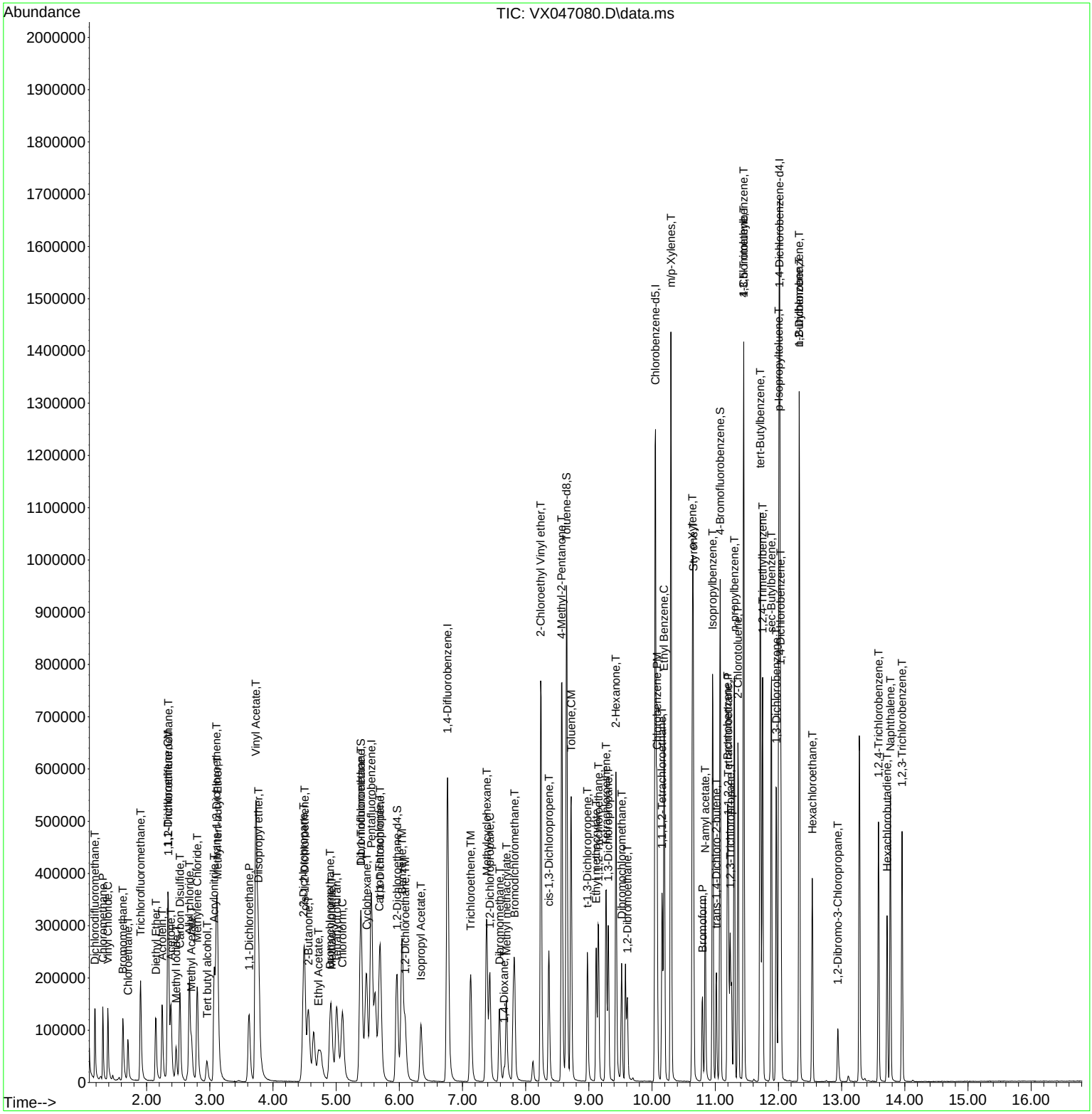
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047080.D
Acq On : 23 Jul 2025 11:13
Operator : JC/MD
Sample : VX0723WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 05:44:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047108.D
Acq On : 24 Jul 2025 10:55
Operator : JC/MD
Sample : VX0724WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 01:19:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	305867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	519601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	230557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192133	50.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.860%			
35) Dibromofluoromethane	5.397	113	163756	51.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	8.647	98	508826	48.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	226596	50.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	80454	19.803	ug/l	99
3) Chloromethane	1.313	50	74329	18.496	ug/l	98
4) Vinyl Chloride	1.392	62	83578	19.347	ug/l	95
5) Bromomethane	1.630	94	46950	20.007	ug/l	94
6) Chloroethane	1.709	64	49970	17.612	ug/l	96
7) Trichlorofluoromethane	1.904	101	124311	19.298	ug/l	96
8) Diethyl Ether	2.148	74	42310	18.629	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	74425	19.177	ug/l	98
10) Methyl Iodide	2.471	142	95840	24.231	ug/l	95
11) Tert butyl alcohol	2.959	59	44632	93.779	ug/l #	94
12) 1,1-Dichloroethene	2.337	96	72256	18.798	ug/l	97
13) Acrolein	2.251	56	87354	106.478	ug/l	100
14) Allyl chloride	2.678	41	129635	18.657	ug/l	98
15) Acrylonitrile	3.081	53	168457	92.704	ug/l	99
16) Acetone	2.392	43	143828	94.230	ug/l	99
17) Carbon Disulfide	2.532	76	204121	18.356	ug/l	100
18) Methyl Acetate	2.715	43	74674	18.410	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	219380	18.753	ug/l	99
20) Methylene Chloride	2.806	84	78639	18.727	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	74571	18.958	ug/l	92
22) Diisopropyl ether	3.769	45	263031	19.690	ug/l	98
23) Vinyl Acetate	3.733	43	1043992	97.436	ug/l	99
24) 1,1-Dichloroethane	3.623	63	141222	19.011	ug/l	98
25) 2-Butanone	4.568	43	199019	89.548	ug/l	99
26) 2,2-Dichloropropane	4.489	77	107467	18.689	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	86538	18.579	ug/l	97
28) Bromochloromethane	4.910	49	77320	22.624	ug/l	98
29) Tetrahydrofuran	5.025	42	130016	90.668	ug/l	99
30) Chloroform	5.105	83	145330	19.219	ug/l	98
31) Cyclohexane	5.483	56	136429	19.154	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	124875	19.013	ug/l	99
36) 1,1-Dichloropropene	5.702	75	103830	18.986	ug/l	98
37) Ethyl Acetate	4.721	43	91669	18.192	ug/l	97
38) Carbon Tetrachloride	5.690	117	108902	18.658	ug/l	97
39) Methylcyclohexane	7.385	83	128574	18.831	ug/l	99
40) Benzene	6.050	78	300323	18.976	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047108.D
Acq On : 24 Jul 2025 10:55
Operator : JC/MD
Sample : VX0724WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 01:19:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.928	41	47401	17.991 ug/l		96
42) 1,2-Dichloroethane	6.098	62	109317	19.609 ug/l		99
43) Isopropyl Acetate	6.348	43	147716	18.803 ug/l		100
44) Trichloroethene	7.129	130	75415	18.583 ug/l		98
45) 1,2-Dichloropropane	7.433	63	75626	19.079 ug/l		98
46) Dibromomethane	7.586	93	53156	19.123 ug/l		99
47) Bromodichloromethane	7.824	83	114063	19.279 ug/l		99
48) Methyl methacrylate	7.696	41	76293	17.827 ug/l		99
49) 1,4-Dioxane	7.683	88	17148	352.298 ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	443017	94.877 ug/l		99
52) Toluene	8.720	92	188234	19.343 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	105314	18.850 ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	116557	19.061 ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	68674	18.818 ug/l		98
56) Ethyl methacrylate	9.116	69	103289	19.118 ug/l		99
57) 1,3-Dichloropropane	9.311	76	121377	19.137 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	256012	85.155 ug/l		100
59) 2-Hexanone	9.433	43	299956	97.231 ug/l		100
60) Dibromochloromethane	9.518	129	82408	19.253 ug/l		99
61) 1,2-Dibromoethane	9.610	107	69828	18.299 ug/l		97
64) Tetrachloroethene	9.275	164	60989	18.152 ug/l		96
65) Chlorobenzene	10.079	112	205071	18.781 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	70137	19.079 ug/l		98
67) Ethyl Benzene	10.195	91	362428	18.984 ug/l		100
68) m/p-Xylenes	10.299	106	268945	37.644 ug/l		98
69) o-Xylene	10.640	106	130072	19.138 ug/l		100
70) Styrene	10.652	104	224215	19.239 ug/l		99
71) Bromoform	10.799	173	53141	19.030 ug/l	#	96
73) Isopropylbenzene	10.963	105	346531	19.051 ug/l		100
74) N-amyl acetate	10.841	43	132216	18.015 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99342	19.120 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	77830m	18.238 ug/l		
77) Bromobenzene	11.195	156	82142	18.828 ug/l		99
78) n-propylbenzene	11.305	91	420847	19.362 ug/l		100
79) 2-Chlorotoluene	11.360	91	247908	19.080 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	287487	19.131 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	21060	12.714 ug/l		96
82) 4-Chlorotoluene	11.451	91	293054	19.323 ug/l		99
83) tert-Butylbenzene	11.713	119	288095	19.101 ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	289908	19.342 ug/l		99
85) sec-Butylbenzene	11.890	105	359478	19.075 ug/l		99
86) p-Isopropyltoluene	12.006	119	302313	19.344 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	155793	18.794 ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	158647	18.890 ug/l		98
89) n-Butylbenzene	12.329	91	286664	19.560 ug/l		98
90) Hexachloroethane	12.536	117	52011	18.603 ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	145384	18.350 ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18082	18.130 ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	99259	18.962 ug/l		98
94) Hexachlorobutadiene	13.725	225	35400	19.885 ug/l		97
95) Naphthalene	13.774	128	286781	18.688 ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	95531	18.943 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047108.D
Acq On : 24 Jul 2025 10:55
Operator : JC/MD
Sample : VX0724WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 01:19:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025

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

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

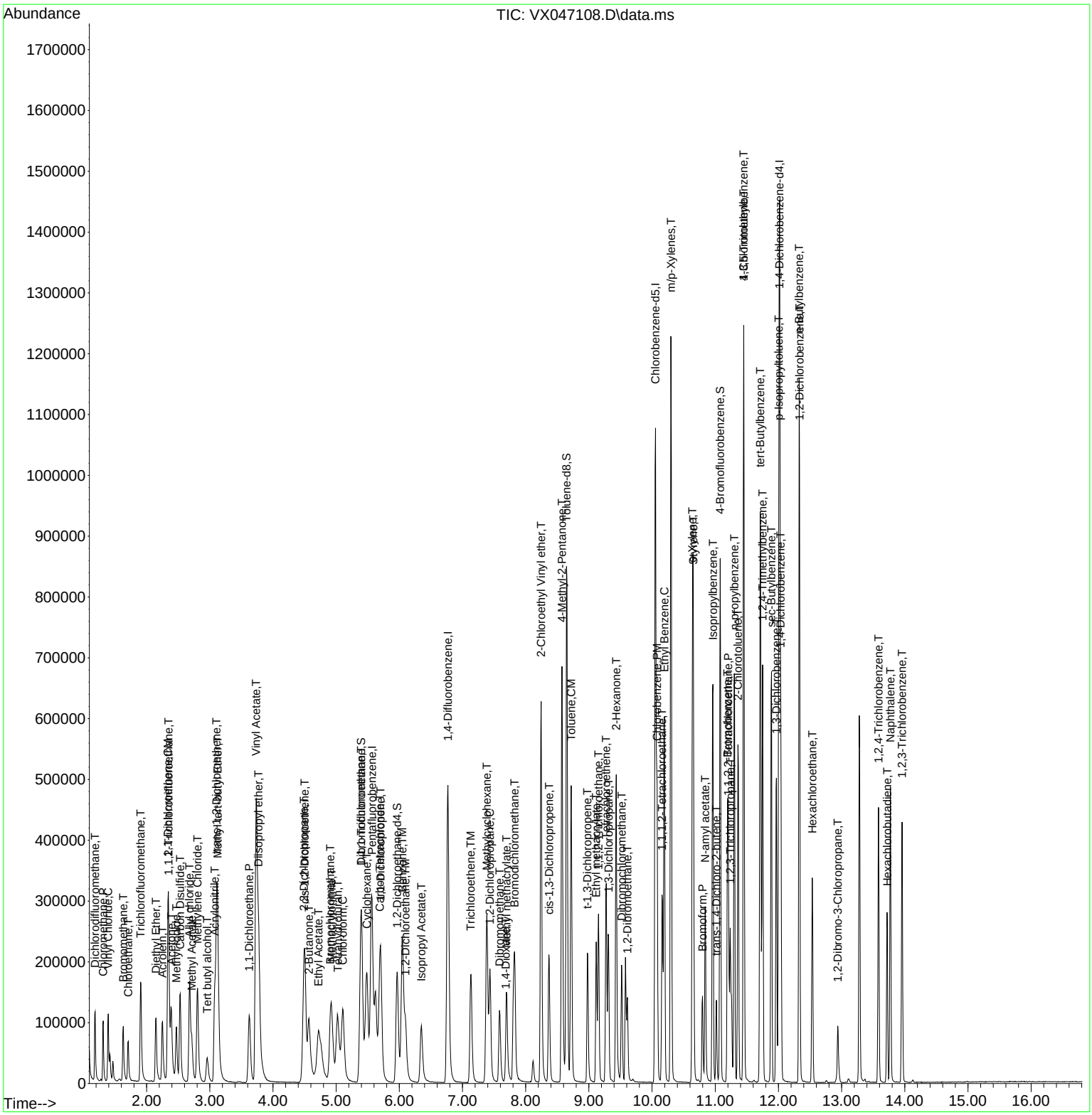
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
Data File : VX047108.D
Acq On : 24 Jul 2025 10:55
Operator : JC/MD
Sample : VX0724WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 01:19:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/25/2025
Supervised By :Mahesh Dadoda 07/25/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047088.D
Acq On : 23 Jul 2025 14:07
Operator : JC/MD
Sample : VX0723WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 05:50:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	310959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	528421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	242466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	184722	47.688	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.380%			
35) Dibromofluoromethane	5.397	113	158281	48.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.020%			
50) Toluene-d8	8.653	98	489612	46.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.680%			
62) 4-Bromofluorobenzene	11.079	95	226475	49.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	79075	19.145	ug/l	98
3) Chloromethane	1.306	50	74395	18.209	ug/l	98
4) Vinyl Chloride	1.386	62	81467	18.549	ug/l	99
5) Bromomethane	1.623	94	50847	21.313	ug/l	95
6) Chloroethane	1.703	64	49608	17.198	ug/l	100
7) Trichlorofluoromethane	1.904	101	120221	18.357	ug/l	97
8) Diethyl Ether	2.148	74	41985	18.183	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	72749	18.438	ug/l	99
10) Methyl Iodide	2.471	142	59787	14.868	ug/l	97
11) Tert butyl alcohol	2.958	59	39731	80.779	ug/l	99
12) 1,1-Dichloroethene	2.337	96	71271	18.238	ug/l	99
13) Acrolein	2.251	56	91416	109.605	ug/l	98
14) Allyl chloride	2.678	41	127084	17.990	ug/l	99
15) Acrylonitrile	3.074	53	178809	96.789	ug/l	98
16) Acetone	2.385	43	141628	91.269	ug/l	98
17) Carbon Disulfide	2.526	76	198337	17.544	ug/l	98
18) Methyl Acetate	2.715	43	80702	19.570	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	219572	18.462	ug/l	98
20) Methylene Chloride	2.806	84	77441	18.140	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	72646	18.166	ug/l	94
22) Diisopropyl ether	3.769	45	257385	18.951	ug/l	94
23) Vinyl Acetate	3.733	43	1039866	95.461	ug/l	99
24) 1,1-Dichloroethane	3.623	63	137126	18.157	ug/l	98
25) 2-Butanone	4.568	43	214937	95.126	ug/l	100
26) 2,2-Dichloropropane	4.489	77	99800	17.071	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	85243	18.001	ug/l	98
28) Bromochloromethane	4.915	49	61022	17.563	ug/l	100
29) Tetrahydrofuran	5.013	42	141584	97.118	ug/l	98
30) Chloroform	5.110	83	141717	18.434	ug/l	93
31) Cyclohexane	5.482	56	130935	18.082	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	122918	18.408	ug/l	100
36) 1,1-Dichloropropene	5.708	75	98516	17.714	ug/l	100
37) Ethyl Acetate	4.726	43	90681	17.695	ug/l	99
38) Carbon Tetrachloride	5.690	117	106286	17.906	ug/l	100
39) Methylcyclohexane	7.384	83	125129	18.020	ug/l	98
40) Benzene	6.049	78	298325	18.535	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047088.D
Acq On : 23 Jul 2025 14:07
Operator : JC/MD
Sample : VX0723WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 05:50:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	53436	19.943	ug/l		96
42) 1,2-Dichloroethane	6.098	62	106541	18.792	ug/l		98
43) Isopropyl Acetate	6.348	43	152735	19.118	ug/l		99
44) Trichloroethene	7.135	130	74000	17.930	ug/l		100
45) 1,2-Dichloropropane	7.433	63	73572	18.251	ug/l		93
46) Dibromomethane	7.586	93	52778	18.670	ug/l		98
47) Bromodichloromethane	7.823	83	110468	18.360	ug/l		98
48) Methyl methacrylate	7.695	41	78142	17.954	ug/l		100
49) 1,4-Dioxane	7.665	88	19354	390.983	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	463297	97.564	ug/l		99
52) Toluene	8.720	92	190604	19.260	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	101553	17.873	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	114225	18.368	ug/l		98
55) 1,1,2-Trichloroethane	9.152	97	70374	18.962	ug/l		98
56) Ethyl methacrylate	9.116	69	106391	19.363	ug/l		98
57) 1,3-Dichloropropane	9.311	76	120987	18.757	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	273140	89.335	ug/l		99
59) 2-Hexanone	9.433	43	319474	101.829	ug/l		99
60) Dibromochloromethane	9.518	129	80178	18.420	ug/l		99
61) 1,2-Dibromoethane	9.610	107	70731	18.226	ug/l		98
64) Tetrachloroethene	9.274	164	62241	18.088	ug/l		95
65) Chlorobenzene	10.079	112	205725	18.398	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.164	131	67878	18.030	ug/l		99
67) Ethyl Benzene	10.195	91	363476	18.591	ug/l		99
68) m/p-Xylenes	10.299	106	272149	37.197	ug/l		99
69) o-Xylene	10.640	106	131522	18.896	ug/l		98
70) Styrene	10.652	104	223553	18.731	ug/l		99
71) Bromoform	10.798	173	51340	17.952	ug/l	#	99
73) Isopropylbenzene	10.963	105	345570	18.065	ug/l		99
74) N-amyl acetate	10.841	43	140993	18.267	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	100787	18.445	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	80518m	17.941	ug/l		
77) Bromobenzene	11.195	156	81431	17.748	ug/l		100
78) n-propylbenzene	11.304	91	412892	18.063	ug/l		100
79) 2-Chlorotoluene	11.359	91	246110	18.011	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	283760	17.956	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28787	16.526	ug/l		94
82) 4-Chlorotoluene	11.451	91	291226	18.259	ug/l		99
83) tert-Butylbenzene	11.713	119	283192	17.854	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	291328	18.482	ug/l		100
85) sec-Butylbenzene	11.890	105	358758	18.102	ug/l		100
86) p-Isopropyltoluene	12.006	119	297676	18.112	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	156420	17.942	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	158970	17.998	ug/l		99
89) n-Butylbenzene	12.329	91	282987	18.360	ug/l		98
90) Hexachloroethane	12.536	117	50490	17.172	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	148759	17.854	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19193	18.299	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	97662	17.740	ug/l		98
94) Hexachlorobutadiene	13.725	225	35054	18.723	ug/l		97
95) Naphthalene	13.774	128	300747	18.635	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	95863	18.076	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047088.D
Acq On : 23 Jul 2025 14:07
Operator : JC/MD
Sample : VX0723WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 05:50:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

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

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

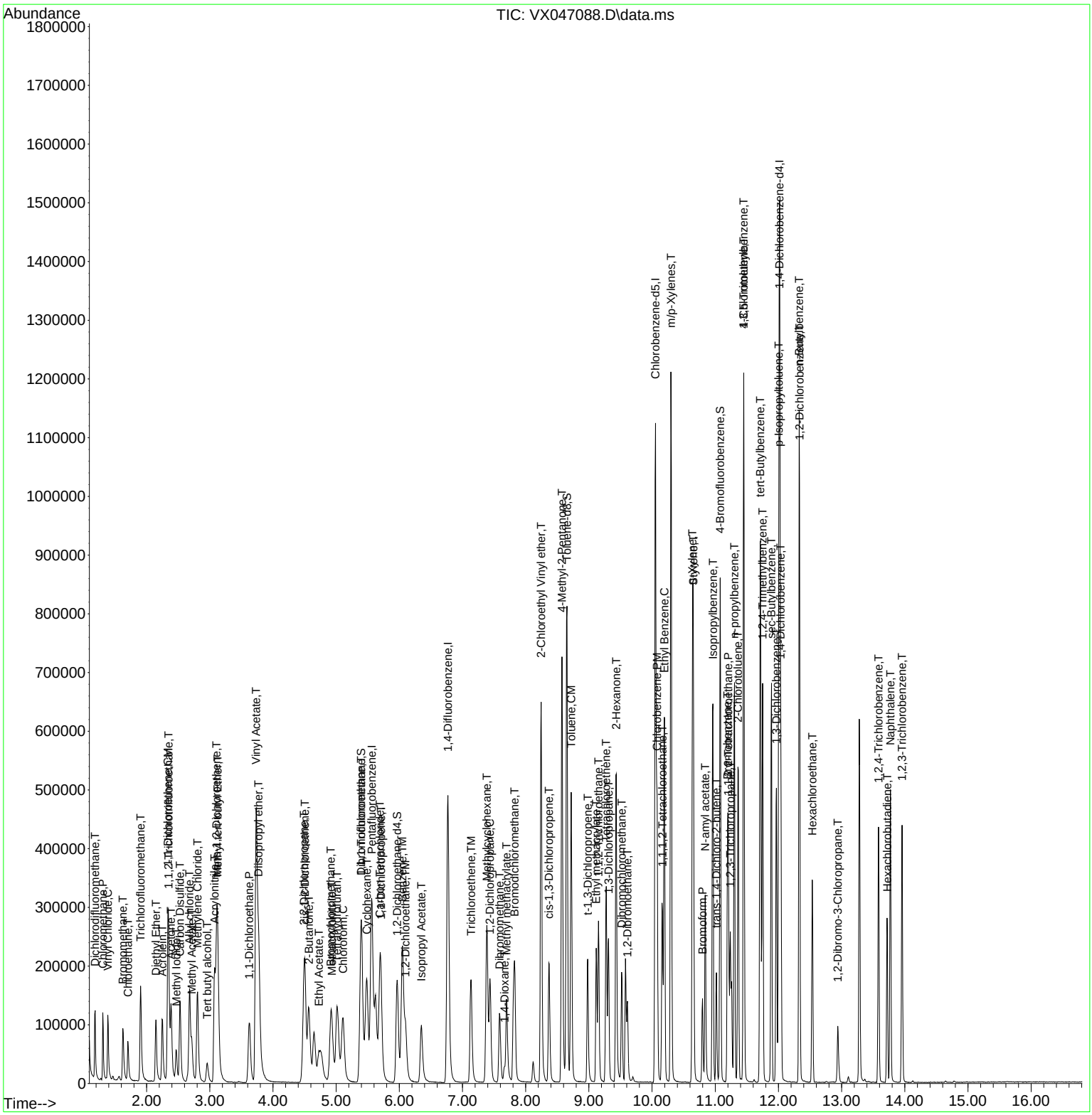
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047088.D
Acq On : 23 Jul 2025 14:07
Operator : JC/MD
Sample : VX0723WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 05:50:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



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

Manual Integration Report

Sequence:	VX072125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047055.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dichlorobenzene	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	1,4-Dioxane	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Ethyl Acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	Methyl methacrylate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC001	VX047055.D	N-amyl acetate	JOHN	7/22/2025 8:50:05 AM	MMDadoda	7/22/2025 1:41:01 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC005	VX047056.D	Ethyl Acetate	JOHN	7/22/2025 8:50:10 AM	MMDadoda	7/22/2025 1:41:02 PM	Peak Integrated by Software
VSTDICC020	VX047057.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:18 AM	MMDadoda	7/22/2025 1:41:03 PM	Peak Integrated by Software
VSTDICCC050	VX047058.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:23 AM	MMDadoda	7/22/2025 1:41:05 PM	Peak Integrated by Software
VSTDICC100	VX047059.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:28 AM	MMDadoda	7/22/2025 1:41:08 PM	Peak Integrated by Software
VSTDICC150	VX047060.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:32 AM	MMDadoda	7/22/2025 1:41:09 PM	Peak Integrated by Software
VSTDICV050	VX047062.D	1,2,3-Trichloropropane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX072125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX047062.D	1,4-Dioxane	JOHN	7/22/2025 8:50:40 AM	MMDadoda	7/22/2025 1:41:11 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX072325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047077.D	1,2,3-Trichloropropane	JOHN	7/24/2025 8:45:14 AM	MMDadoda	7/24/2025 2:22:56 PM	Peak Integrated by Software
VX0723WBS01	VX047080.D	1,2,3-Trichloropropane	JOHN	7/24/2025 8:45:21 AM	MMDadoda	7/24/2025 2:22:58 PM	Peak Integrated by Software
VX0723WBSD01	VX047088.D	1,2,3-Trichloropropane	JOHN	7/24/2025 8:45:52 AM	MMDadoda	7/24/2025 2:23:11 PM	Peak Integrated by Software
Q2481-18	VX047102.D	4-Methyl-2-Pentanone	JOHN	7/24/2025 8:46:24 AM	MMDadoda	7/24/2025 2:23:18 PM	Peak Integrated by Software
VSTDCCC050	VX047103.D	1,2,3-Trichloropropane	JOHN	7/24/2025 8:46:29 AM	MMDadoda	7/24/2025 2:23:21 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX072425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047105.D	1,2,3-Trichloropropane	JOHN	7/25/2025 8:49:59 AM	MMDadoda	7/25/2025 4:37:50 PM	Peak Integrated by Software
VX0724WBS01	VX047108.D	1,2,3-Trichloropropane	JOHN	7/25/2025 8:50:04 AM	MMDadoda	7/25/2025 4:37:52 PM	Peak Integrated by Software
Q2481-13	VX047115.D	Acetone	JOHN	7/25/2025 8:50:13 AM	MMDadoda	7/25/2025 4:37:55 PM	Peak Integrated by Software
Q2481-13	VX047115.D	Methacrylonitrile	JOHN	7/25/2025 8:50:13 AM	MMDadoda	7/25/2025 4:37:55 PM	Peak Integrated by Software
VSTDCCC050	VX047126.D	1,2,3-Trichloropropane	JOHN	7/25/2025 8:50:26 AM	MMDadoda	7/25/2025 4:37:57 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:41:20 PM		
SubDirectory	VX072125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134843
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134850
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047054.D	21 Jul 2025 08:53	JC/MD	Ok
2	VSTDICC001	VX047055.D	21 Jul 2025 09:47	JC/MD	Ok,M
3	VSTDICC005	VX047056.D	21 Jul 2025 10:08	JC/MD	Ok,M
4	VSTDICC020	VX047057.D	21 Jul 2025 10:29	JC/MD	Ok,M
5	VSTDICCC050	VX047058.D	21 Jul 2025 10:50	JC/MD	Ok,M
6	VSTDICC100	VX047059.D	21 Jul 2025 11:11	JC/MD	Ok,M
7	VSTDICC150	VX047060.D	21 Jul 2025 11:32	JC/MD	Ok,M
8	IBLK	VX047061.D	21 Jul 2025 11:52	JC/MD	Ok
9	VSTDICV050	VX047062.D	21 Jul 2025 13:17	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072325

Review By	John Carlone	Review On	7/24/2025 8:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/24/2025 3:06:37 PM		
SubDirectory	VX072325	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134888
Initial Calibration Stds	
CCC	VP134889,VP134890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047076.D	23 Jul 2025 09:00	JC/MD	Ok
2	VSTDCCC050	VX047077.D	23 Jul 2025 09:30	JC/MD	Ok,M
3	VX0723MBL01	VX047078.D	23 Jul 2025 09:58	JC/MD	Ok
4	VX0723WBL01	VX047079.D	23 Jul 2025 10:45	JC/MD	Ok
5	VX0723WBS01	VX047080.D	23 Jul 2025 11:13	JC/MD	Ok,M
6	VX0723MBS01	VX047081.D	23 Jul 2025 11:41	JC/MD	Ok,M
7	PB168956TB	VX047082.D	23 Jul 2025 12:02	JC/MD	Ok,M
8	Q2668-04	VX047083.D	23 Jul 2025 12:22	JC/MD	Ok,M
9	Q2668-08	VX047084.D	23 Jul 2025 12:43	JC/MD	Ok
10	Q2668-12	VX047085.D	23 Jul 2025 13:04	JC/MD	Ok
11	Q2672-01	VX047086.D	23 Jul 2025 13:25	JC/MD	Ok,M
12	Q2672-03	VX047087.D	23 Jul 2025 13:46	JC/MD	Ok
13	VX0723WBSD01	VX047088.D	23 Jul 2025 14:07	JC/MD	Ok,M
14	Q2660-03	VX047089.D	23 Jul 2025 14:28	JC/MD	Not Ok
15	IBLK	VX047090.D	23 Jul 2025 14:49	JC/MD	Ok
16	Q2660-03	VX047091.D	23 Jul 2025 15:10	JC/MD	Ok,M
17	Q2481-15	VX047092.D	23 Jul 2025 15:31	JC/MD	Not Ok
18	Q2481-21	VX047093.D	23 Jul 2025 15:52	JC/MD	Not Ok
19	Q2481-16	VX047094.D	23 Jul 2025 16:13	JC/MD	Not Ok
20	Q2481-20	VX047095.D	23 Jul 2025 16:34	JC/MD	Not Ok
21	Q2481-14	VX047096.D	23 Jul 2025 16:54	JC/MD	Not Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072325

Review By	John Carlone	Review On	7/24/2025 8:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/24/2025 3:06:37 PM		
SubDirectory	VX072325	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134888
Initial Calibration Stds	
CCC	VP134889,VP134890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2481-12	VX047097.D	23 Jul 2025 17:15	JC/MD	Not Ok
23	PB168966TB	VX047098.D	23 Jul 2025 17:36	JC/MD	Ok,M
24	Q2481-19	VX047099.D	23 Jul 2025 17:57	JC/MD	Not Ok
25	Q2481-13	VX047100.D	23 Jul 2025 18:18	JC/MD	Not Ok
26	Q2481-17	VX047101.D	23 Jul 2025 18:39	JC/MD	Not Ok
27	Q2481-18	VX047102.D	23 Jul 2025 19:00	JC/MD	Ok,M
28	VSTDCCC050	VX047103.D	23 Jul 2025 19:21	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072425

Review By	John Carlone	Review On	7/25/2025 8:51:46 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/25/2025 4:38:01 PM		
SubDirectory	VX072425	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134905
Initial Calibration Stds	
CCC	VP134906,VP134907
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047104.D	24 Jul 2025 09:12	JC/MD	Ok
2	VSTDCCC050	VX047105.D	24 Jul 2025 09:44	JC/MD	Ok,M
3	VX0724MBL01	VX047106.D	24 Jul 2025 10:13	JC/MD	Ok
4	VX0724WBL01	VX047107.D	24 Jul 2025 10:34	JC/MD	Ok
5	VX0724WBS01	VX047108.D	24 Jul 2025 10:55	JC/MD	Ok,M
6	VX0724WBSD01	VX047109.D	24 Jul 2025 11:21	JC/MD	Ok,M
7	Q2682-01	VX047110.D	24 Jul 2025 11:42	JC/MD	Ok
8	Q2682-02	VX047111.D	24 Jul 2025 12:03	JC/MD	ReRun
9	IBLK	VX047112.D	24 Jul 2025 12:24	JC/MD	Ok
10	Q2682-02	VX047113.D	24 Jul 2025 12:45	JC/MD	Ok
11	Q2481-14	VX047114.D	24 Jul 2025 13:06	JC/MD	Ok
12	Q2481-13	VX047115.D	24 Jul 2025 13:26	JC/MD	Ok,M
13	IBLK	VX047116.D	24 Jul 2025 13:47	JC/MD	Ok
14	Q2481-12	VX047117.D	24 Jul 2025 14:08	JC/MD	Ok
15	Q2481-15	VX047118.D	24 Jul 2025 14:29	JC/MD	Ok
16	Q2481-16	VX047119.D	24 Jul 2025 14:50	JC/MD	Ok
17	Q2481-21	VX047120.D	24 Jul 2025 15:12	JC/MD	Ok
18	Q2481-19	VX047121.D	24 Jul 2025 15:33	JC/MD	Ok
19	Q2481-20	VX047122.D	24 Jul 2025 15:54	JC/MD	Ok
20	Q2481-17	VX047123.D	24 Jul 2025 16:15	JC/MD	Ok
21	IBLK	VX047124.D	24 Jul 2025 16:37	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072425

Review By	John Carlone	Review On	7/25/2025 8:51:46 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/25/2025 4:38:01 PM		
SubDirectory	VX072425	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134905
Initial Calibration Stds	
CCC	VP134906,VP134907
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	IBLK	VX047125.D	24 Jul 2025 16:58	JC/MD	Ok
23	VSTDCCC050	VX047126.D	24 Jul 2025 17:19	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072125

Review By	John Carlone	Review On	7/22/2025 8:51:02 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/22/2025 1:41:20 PM		
SubDirectory	VX072125	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134843
Initial Calibration Stds	VP134844,VP134845,VP134846,VP134847,VP134848,VP134849
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134850
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047054.D	21 Jul 2025 08:53		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047055.D	21 Jul 2025 09:47		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047056.D	21 Jul 2025 10:08	Comp. #11 is on Linear Regression	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047057.D	21 Jul 2025 10:29		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047058.D	21 Jul 2025 10:50		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047059.D	21 Jul 2025 11:11		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047060.D	21 Jul 2025 11:32		JC/MD	Ok,M
8	IBLK	IBLK	VX047061.D	21 Jul 2025 11:52		JC/MD	Ok
9	VSTDICV050	ICVVX072125	VX047062.D	21 Jul 2025 13:17		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072325

Review By	John Carlone	Review On	7/24/2025 8:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/24/2025 3:06:37 PM		
SubDirectory	VX072325	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134888
Initial Calibration Stds	
CCC	VP134889,VP134890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047076.D	23 Jul 2025 09:00		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047077.D	23 Jul 2025 09:30	pH#Lot#V12668	JC/MD	Ok,M
3	VX0723MBL01	VX0723MBL01	VX047078.D	23 Jul 2025 09:58		JC/MD	Ok
4	VX0723WBL01	VX0723WBL01	VX047079.D	23 Jul 2025 10:45		JC/MD	Ok
5	VX0723WBS01	VX0723WBS01	VX047080.D	23 Jul 2025 11:13		JC/MD	Ok,M
6	VX0723MBS01	VX0723MBS01	VX047081.D	23 Jul 2025 11:41		JC/MD	Ok,M
7	PB168956TB	PB168956TB	VX047082.D	23 Jul 2025 12:02		JC/MD	Ok,M
8	Q2668-04	TP-2	VX047083.D	23 Jul 2025 12:22	vial A pH#5.0	JC/MD	Ok,M
9	Q2668-08	TP-3	VX047084.D	23 Jul 2025 12:43	vial A pH#5.0	JC/MD	Ok
10	Q2668-12	TP-1	VX047085.D	23 Jul 2025 13:04	vial A pH#5.0	JC/MD	Ok
11	Q2672-01	AUD-25-0124	VX047086.D	23 Jul 2025 13:25	vial A pH#5.0	JC/MD	Ok,M
12	Q2672-03	AUD-25-0128	VX047087.D	23 Jul 2025 13:46	vial A pH#5.0	JC/MD	Ok
13	VX0723WBSD01	VX0723WBSD01	VX047088.D	23 Jul 2025 14:07		JC/MD	Ok,M
14	Q2660-03	MOO-25-0218	VX047089.D	23 Jul 2025 14:28	Run @ Lower Dilution	JC/MD	Not Ok
15	IBLK	IBLK	VX047090.D	23 Jul 2025 14:49		JC/MD	Ok
16	Q2660-03	MOO-25-0218	VX047091.D	23 Jul 2025 15:10	cloth material	JC/MD	Ok,M
17	Q2481-15	CC0627-AOXL	VX047092.D	23 Jul 2025 15:31	Need Straight Run	JC/MD	Not Ok
18	Q2481-21	CC0627-SFBL	VX047093.D	23 Jul 2025 15:52	Surrogate fail;Need Straight Run	JC/MD	Not Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072325

Review By	John Carlone	Review On	7/24/2025 8:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/24/2025 3:06:37 PM		
SubDirectory	VX072325	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134888
Initial Calibration Stds	
CCC	VP134889,VP134890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2481-16	CC0625-NL	VX047094.D	23 Jul 2025 16:13	Need Straight Run	JC/MD	Not Ok
20	Q2481-20	CC0627-BL	VX047095.D	23 Jul 2025 16:34	Need Straight Run	JC/MD	Not Ok
21	Q2481-14	CC0625-OXBL	VX047096.D	23 Jul 2025 16:54	Need Straight Run	JC/MD	Not Ok
22	Q2481-12	CC0627-AL	VX047097.D	23 Jul 2025 17:15	Need Straight Run	JC/MD	Not Ok
23	PB168966TB	PB168966TB	VX047098.D	23 Jul 2025 17:36		JC/MD	Ok,M
24	Q2481-19	CC0627-CLOXAL	VX047099.D	23 Jul 2025 17:57	Need Straight Run	JC/MD	Not Ok
25	Q2481-13	CC0627-CLOXPL	VX047100.D	23 Jul 2025 18:18	Need Straight Run	JC/MD	Not Ok
26	Q2481-17	CC0267-OXPL	VX047101.D	23 Jul 2025 18:39	Need Straight Run	JC/MD	Not Ok
27	Q2481-18	CC0627-OXL	VX047102.D	23 Jul 2025 19:00	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX047103.D	23 Jul 2025 19:21		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072425

Review By	John Carlone	Review On	7/25/2025 8:51:46 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/25/2025 4:38:01 PM		
SubDirectory	VX072425	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134905
Initial Calibration Stds	
CCC	VP134906,VP134907
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047104.D	24 Jul 2025 09:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047105.D	24 Jul 2025 09:44	pH#Lot#V12668	JC/MD	Ok,M
3	VX0724MBL01	VX0724MBL01	VX047106.D	24 Jul 2025 10:13		JC/MD	Ok
4	VX0724WBL01	VX0724WBL01	VX047107.D	24 Jul 2025 10:34		JC/MD	Ok
5	VX0724WBS01	VX0724WBS01	VX047108.D	24 Jul 2025 10:55		JC/MD	Ok,M
6	VX0724WBSD01	VX0724WBSD01	VX047109.D	24 Jul 2025 11:21		JC/MD	Ok,M
7	Q2682-01	TOWER-1	VX047110.D	24 Jul 2025 11:42	vial A pH<2	JC/MD	Ok
8	Q2682-02	TOWER-2	VX047111.D	24 Jul 2025 12:03	vial A pH<2 Surrogate Fail	JC/MD	ReRun
9	IBLK	IBLK	VX047112.D	24 Jul 2025 12:24		JC/MD	Ok
10	Q2682-02	TOWER-2	VX047113.D	24 Jul 2025 12:45	vial B pH<2	JC/MD	Ok
11	Q2481-14	CC0625-OXBL	VX047114.D	24 Jul 2025 13:06	vial A pH#6.0 Surrogate Fail	JC/MD	Ok
12	Q2481-13	CC0627-CLOXPL	VX047115.D	24 Jul 2025 13:26	vial A pH<2	JC/MD	Ok,M
13	IBLK	IBLK	VX047116.D	24 Jul 2025 13:47		JC/MD	Ok
14	Q2481-12	CC0627-AL	VX047117.D	24 Jul 2025 14:08	vial A pH<2	JC/MD	Ok
15	Q2481-15	CC0627-AOXL	VX047118.D	24 Jul 2025 14:29	vial A pH<2 Surrogate Fail	JC/MD	Ok
16	Q2481-16	CC0625-NL	VX047119.D	24 Jul 2025 14:50	vial A pH#6.0	JC/MD	Ok
17	Q2481-21	CC0627-SFBL	VX047120.D	24 Jul 2025 15:12	vial A pH#6.0 Surrogate Fail;Internal Standard Fail	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX072425

Review By	John Carlone	Review On	7/25/2025 8:51:46 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/25/2025 4:38:01 PM		
SubDirectory	VX072425	HP Acquire Method		HP Processing Method	82X072125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134905
Initial Calibration Stds	
CCC	VP134906,VP134907
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2481-19	CC0627-CLOXAL	VX047121.D	24 Jul 2025 15:33	vial A pH<2	JC/MD	Ok
19	Q2481-20	CC0627-BL	VX047122.D	24 Jul 2025 15:54	vial A pH#6.0 Surrogate Fail;Internal Standard Fail	JC/MD	Ok
20	Q2481-17	CC0267-OXPL	VX047123.D	24 Jul 2025 16:15	vial A pH<2	JC/MD	Ok
21	IBLK	IBLK	VX047124.D	24 Jul 2025 16:37		JC/MD	Ok
22	IBLK	IBLK	VX047125.D	24 Jul 2025 16:58		JC/MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VX047126.D	24 Jul 2025 17:19		JC/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q2481	**OrderDate:**	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	**Project:**	CC2-16 Analytical
Contact:	Ryan Simpson	**Location:**	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-12	**CC0627-AL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-13	**CC0627-CLOXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-14	**CC0625-OXBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-15	**CC0627-AOXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-16	**CC0625-NL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-17	**CC0267-OXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-18	**CC0627-OXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/23/25	
Q2481-19	**CC0627-CLOXAL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-20	**CC0627-BL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	
Q2481-21	**CC0627-SFBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP VOA	8260D			07/24/25	

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168966

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : N/A

Filter By : N/A

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : N/A

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature :

Supervisor By :

Standared 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
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:

We receive water sample in 40 ml vial tr to VOC LAB without fiftration and tumbling.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/23/25 11:00	SB Prep Room	S.Y VOC Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168966

Sample ID	ClientID	ZHE 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
PB168966TB	LEB966	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

TCLP Solid Determination

PB168966

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168966TB	LEB966	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp zhe w q2481 **WorkList ID :** 190884 **Department :** TCLP Extraction **Date :** 07-22-2025 15:40:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-12	CC0627-AL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-13	CC0627-CLOXPL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-14	CC0625-OXBL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-15	CC0627-AOXL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-16	CC0625-NL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-17	CC0267-OXPL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-18	CC0627-OXL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-19	CC0627-CLOXAL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-20	CC0627-BL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE
Q2481-21	CC0627-SFBL	Water	TCLP ZHE Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311 ZHE

Date/Time 07/22/25 16:00

Raw Sample Received by: SB (WC)

Raw Sample Relinquished by: OP SM

Date/Time 07/22/25 18:00

Raw Sample Received by: OP SM

Raw Sample Relinquished by: SB (WC)

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

Hit Summary Sheet
SW-846

SDG No.: Q2481

Client: Environmental Restoration, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

SAMPLE DATA

Raw Data: **BP025236.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/23/25
Project:	CC2-16 Analytical	Date Received:	07/23/25
Client Sample ID:	PB168969TB	SDG No.:	Q2481
Lab Sample ID:	PB168969TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025236.D	1	07/23/25 11:15	07/24/25 10:36	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	114		10 - 134	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.9		67 - 132	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.5		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		44 - 137	79%	SPK: 150
1718-51-0	Terphenyl-d14	79.1		42 - 152	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	661000	7.425			
1146-65-2	Naphthalene-d8	2470000	10.172			
15067-26-2	Acenaphthene-d10	1500000	14.078			
1517-22-2	Phenanthrene-d10	2900000	16.907			
1719-03-5	Chrysene-d12	2890000	21.331			
1520-96-3	Perylene-d12	3250000	24.466			

Raw Data: **BP025236.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	07/23/25
Project:	CC2-16 Analytical			Date Received:	07/23/25
Client Sample ID:	PB168969TB			SDG No.:	Q2481
Lab Sample ID:	PB168969TB			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025236.D	1	07/23/25 11:15	07/24/25 10:36	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025238.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-12	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025238.D	1	07/23/25 11:15	07/24/25 12:01	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	130	U	130	500	ug/L
106-46-7	1,4-Dichlorobenzene	53.0	U	53.0	500	ug/L
95-48-7	2-Methylphenol	110	U	110	500	ug/L
65794-96-9	3+4-Methylphenols	110	U	110	1000	ug/L
67-72-1	Hexachloroethane	65.0	U	65.0	500	ug/L
98-95-3	Nitrobenzene	76.0	U	76.0	500	ug/L
87-68-3	Hexachlorobutadiene	54.0	U	54.0	500	ug/L
88-06-2	2,4,6-Trichlorophenol	51.0	U	51.0	500	ug/L
95-95-4	2,4,5-Trichlorophenol	62.0	U	62.0	500	ug/L
121-14-2	2,4-Dinitrotoluene	120	U	120	500	ug/L
118-74-1	Hexachlorobenzene	52.0	U	52.0	500	ug/L
87-86-5	Pentachlorophenol	160	U	160	1000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	122		23 - 138	81%	SPK: 150
13127-88-3	Phenol-d6	122		10 - 134	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.3		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.5		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	86%	SPK: 150
1718-51-0	Terphenyl-d14	87.6		42 - 152	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	457000	7.431			
1146-65-2	Naphthalene-d8	1770000	10.172			
15067-26-2	Acenaphthene-d10	1140000	14.078			
1517-22-2	Phenanthrene-d10	2270000	16.895			
1719-03-5	Chrysene-d12	2430000	21.342			
1520-96-3	Perylene-d12	2750000	24.483			

Raw Data: **BP025238.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0627-AL			SDG No.:	Q2481
Lab Sample ID:	Q2481-12			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025238.D	1	07/23/25 11:15	07/24/25 12:01	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025245.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-13	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025245.D	10	07/23/25 11:15	07/24/25 16:50	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1300	U	1300	5000	ug/L
106-46-7	1,4-Dichlorobenzene	530	U	530	5000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	5000	ug/L
65794-96-9	3+4-Methylphenols	1100	U	1100	10000	ug/L
67-72-1	Hexachloroethane	650	U	650	5000	ug/L
98-95-3	Nitrobenzene	760	U	760	5000	ug/L
87-68-3	Hexachlorobutadiene	540	U	540	5000	ug/L
88-06-2	2,4,6-Trichlorophenol	510	U	510	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	620	U	620	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1200	U	1200	5000	ug/L
118-74-1	Hexachlorobenzene	520	U	520	5000	ug/L
87-86-5	Pentachlorophenol	1600	U	1600	10000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	22.2	*	23 - 138	1%	SPK: 150
13127-88-3	Phenol-d6	0	*	10 - 134	0%	SPK: 150
4165-60-0	Nitrobenzene-d5	157	*	67 - 132	15%	SPK: 100
321-60-8	2-Fluorobiphenyl	25500	*	52 - 132	2551%	SPK: 100
118-79-6	2,4,6-Tribromophenol	30900	*	44 - 137	2058%	SPK: 150
1718-51-0	Terphenyl-d14	158	*	42 - 152	15%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	459000	7.437			
1146-65-2	Naphthalene-d8	1170000	10.178			
15067-26-2	Acenaphthene-d10	4340	14.095			
1517-22-2	Phenanthrene-d10	1390000	16.889			
1719-03-5	Chrysene-d12	1310000	21.324			
1520-96-3	Perylene-d12	8830	24.471			

Raw Data: **BP025245.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-13	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025245.D	10	07/23/25 11:15	07/24/25 16:50	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025241.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-14	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025241.D	10	07/23/25 11:15	07/24/25 14:05	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1300	U	1300	5000	ug/L
106-46-7	1,4-Dichlorobenzene	530	U	530	5000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	5000	ug/L
65794-96-9	3+4-Methylphenols	1100	U	1100	10000	ug/L
67-72-1	Hexachloroethane	650	U	650	5000	ug/L
98-95-3	Nitrobenzene	760	U	760	5000	ug/L
87-68-3	Hexachlorobutadiene	540	U	540	5000	ug/L
88-06-2	2,4,6-Trichlorophenol	510	U	510	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	620	U	620	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1200	U	1200	5000	ug/L
118-74-1	Hexachlorobenzene	520	U	520	5000	ug/L
87-86-5	Pentachlorophenol	1600	U	1600	10000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	117	*	23 - 138	7%	SPK: 150
13127-88-3	Phenol-d6	68.0	*	10 - 134	4%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.3	*	67 - 132	8%	SPK: 100
321-60-8	2-Fluorobiphenyl	602		52 - 132	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	701		44 - 137	46%	SPK: 150
1718-51-0	Terphenyl-d14	112	*	42 - 152	11%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	488000	7.431			
1146-65-2	Naphthalene-d8	2050000	10.178			
15067-26-2	Acenaphthene-d10	203000	14.078			
1517-22-2	Phenanthrene-d10	2660000	16.907			
1719-03-5	Chrysene-d12	2520000	21.324			
1520-96-3	Perylene-d12	760000	24.477			

Raw Data: **BP025241.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL			SDG No.:	Q2481
Lab Sample ID:	Q2481-14			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025241.D	10	07/23/25 11:15	07/24/25 14:05	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025239.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-15	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025239.D	1	07/23/25 11:15	07/24/25 12:43	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	130	U	130	500	ug/L
106-46-7	1,4-Dichlorobenzene	53.0	U	53.0	500	ug/L
95-48-7	2-Methylphenol	110	U	110	500	ug/L
65794-96-9	3+4-Methylphenols	110	U	110	1000	ug/L
67-72-1	Hexachloroethane	65.0	U	65.0	500	ug/L
98-95-3	Nitrobenzene	76.0	U	76.0	500	ug/L
87-68-3	Hexachlorobutadiene	54.0	U	54.0	500	ug/L
88-06-2	2,4,6-Trichlorophenol	51.0	U	51.0	500	ug/L
95-95-4	2,4,5-Trichlorophenol	62.0	U	62.0	500	ug/L
121-14-2	2,4-Dinitrotoluene	120	U	120	500	ug/L
118-74-1	Hexachlorobenzene	52.0	U	52.0	500	ug/L
87-86-5	Pentachlorophenol	160	U	160	1000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	102		23 - 138	68%	SPK: 150
13127-88-3	Phenol-d6	3.21	*	10 - 134	2%	SPK: 150
4165-60-0	Nitrobenzene-d5	115		67 - 132	115%	SPK: 100
321-60-8	2-Fluorobiphenyl	1240	*	52 - 132	1236%	SPK: 100
118-79-6	2,4,6-Tribromophenol	1890	*	44 - 137	1262%	SPK: 150
1718-51-0	Terphenyl-d14	3530	*	42 - 152	3535%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	454000	7.437			
1146-65-2	Naphthalene-d8	1180000	10.178			
15067-26-2	Acenaphthene-d10	66100	14.072			
1517-22-2	Phenanthrene-d10	302000	16.889			
1719-03-5	Chrysene-d12	985	21.271			
1520-96-3	Perylene-d12	525	24.407			

Raw Data: **BP025239.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL			SDG No.:	Q2481
Lab Sample ID:	Q2481-15			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025239.D	1	07/23/25 11:15	07/24/25 12:43	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025240.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-16	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025240.D	10	07/23/25 11:15	07/24/25 13:24	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1300	U	1300	5000	ug/L
106-46-7	1,4-Dichlorobenzene	530	U	530	5000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	5000	ug/L
65794-96-9	3+4-Methylphenols	1100	U	1100	10000	ug/L
67-72-1	Hexachloroethane	650	U	650	5000	ug/L
98-95-3	Nitrobenzene	760	U	760	5000	ug/L
87-68-3	Hexachlorobutadiene	540	U	540	5000	ug/L
88-06-2	2,4,6-Trichlorophenol	510	U	510	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	620	U	620	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1200	U	1200	5000	ug/L
118-74-1	Hexachlorobenzene	520	U	520	5000	ug/L
87-86-5	Pentachlorophenol	1600	U	1600	10000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	131	*	23 - 138	8%	SPK: 150
13127-88-3	Phenol-d6	125	*	10 - 134	8%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.1	*	67 - 132	9%	SPK: 100
321-60-8	2-Fluorobiphenyl	102	*	52 - 132	10%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119	*	44 - 137	7%	SPK: 150
1718-51-0	Terphenyl-d14	120	*	42 - 152	12%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	482000	7.425			
1146-65-2	Naphthalene-d8	1960000	10.178			
15067-26-2	Acenaphthene-d10	1250000	14.078			
1517-22-2	Phenanthrene-d10	2690000	16.907			
1719-03-5	Chrysene-d12	2490000	21.342			
1520-96-3	Perylene-d12	1490000	24.459			

Raw Data: **BP025240.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0625-NL			SDG No.:	Q2481
Lab Sample ID:	Q2481-16			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025240.D	10	07/23/25 11:15	07/24/25 13:24	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025242.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-17	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025242.D	10	07/23/25 11:15	07/24/25 14:46	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1300	U	1300	5000	ug/L
106-46-7	1,4-Dichlorobenzene	530	U	530	5000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	5000	ug/L
65794-96-9	3+4-Methylphenols	1100	U	1100	10000	ug/L
67-72-1	Hexachloroethane	650	U	650	5000	ug/L
98-95-3	Nitrobenzene	760	U	760	5000	ug/L
87-68-3	Hexachlorobutadiene	540	U	540	5000	ug/L
88-06-2	2,4,6-Trichlorophenol	510	U	510	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	620	U	620	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1200	U	1200	5000	ug/L
118-74-1	Hexachlorobenzene	520	U	520	5000	ug/L
87-86-5	Pentachlorophenol	1600	U	1600	10000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	43.4	*	23 - 138	2%	SPK: 150
13127-88-3	Phenol-d6	3.48	*	10 - 134	0%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.7	*	67 - 132	8%	SPK: 100
321-60-8	2-Fluorobiphenyl	48300	*	52 - 132	4832%	SPK: 100
118-79-6	2,4,6-Tribromophenol	58800	*	44 - 137	3918%	SPK: 150
1718-51-0	Terphenyl-d14	113	*	42 - 152	11%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	514000	7.431			
1146-65-2	Naphthalene-d8	1840000	10.172			
15067-26-2	Acenaphthene-d10	2160	14.083			
1517-22-2	Phenanthrene-d10	2200000	16.895			
1719-03-5	Chrysene-d12	1890000	21.324			
1520-96-3	Perylene-d12	52100	24.477			

Raw Data: **BP025242.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-17	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025242.D	10	07/23/25 11:15	07/24/25 14:46	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025246.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-18	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025246.D	10	07/23/25 11:15	07/24/25 17:31	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	2600	U	2600	10000	ug/L
106-46-7	1,4-Dichlorobenzene	1100	U	1100	10000	ug/L
95-48-7	2-Methylphenol	2200	U	2200	10000	ug/L
65794-96-9	3+4-Methylphenols	2200	U	2200	20000	ug/L
67-72-1	Hexachloroethane	1300	U	1300	10000	ug/L
98-95-3	Nitrobenzene	1500	U	1500	10000	ug/L
87-68-3	Hexachlorobutadiene	1100	U	1100	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	1000	U	1000	10000	ug/L
95-95-4	2,4,5-Trichlorophenol	1200	U	1200	10000	ug/L
121-14-2	2,4-Dinitrotoluene	2400	U	2400	10000	ug/L
118-74-1	Hexachlorobenzene	1000	U	1000	10000	ug/L
87-86-5	Pentachlorophenol	3200	U	3200	20000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	0.14	*	23 - 138	0%	SPK: 150
13127-88-3	Phenol-d6	0	*	10 - 134	0%	SPK: 150
4165-60-0	Nitrobenzene-d5	489	*	67 - 132	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	100000	*	52 - 132	10034%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122000	*	44 - 137	8108%	SPK: 150
1718-51-0	Terphenyl-d14	415		42 - 152	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	491000	7.437			
1146-65-2	Naphthalene-d8	179000	10.178			
15067-26-2	Acenaphthene-d10	511	14.084			
1517-22-2	Phenanthrene-d10	64500	16.884			
1719-03-5	Chrysene-d12	56200	21.336			
1520-96-3	Perylene-d12	1450	24.436			

Raw Data: **BP025246.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0627-OXL			SDG No.:	Q2481
Lab Sample ID:	Q2481-18			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025246.D	10	07/23/25 11:15	07/24/25 17:31	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025244.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-19	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025244.D	10	07/23/25 11:15	07/24/25 16:09	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1300	U	1300	5000	ug/L
106-46-7	1,4-Dichlorobenzene	530	U	530	5000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	5000	ug/L
65794-96-9	3+4-Methylphenols	1100	U	1100	10000	ug/L
67-72-1	Hexachloroethane	650	U	650	5000	ug/L
98-95-3	Nitrobenzene	760	U	760	5000	ug/L
87-68-3	Hexachlorobutadiene	540	U	540	5000	ug/L
88-06-2	2,4,6-Trichlorophenol	510	U	510	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	620	U	620	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1200	U	1200	5000	ug/L
118-74-1	Hexachlorobenzene	520	U	520	5000	ug/L
87-86-5	Pentachlorophenol	1600	U	1600	10000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	0	*	23 - 138	0%	SPK: 150
13127-88-3	Phenol-d6	0	*	10 - 134	0%	SPK: 150
4165-60-0	Nitrobenzene-d5	111	*	67 - 132	11%	SPK: 100
321-60-8	2-Fluorobiphenyl	662		52 - 132	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	0	*	44 - 137	0%	SPK: 150
1718-51-0	Terphenyl-d14	1.83	*	42 - 152	0%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	540000	7.431			
1146-65-2	Naphthalene-d8	2090000	10.178			
15067-26-2	Acenaphthene-d10	92700	14.078			
1517-22-2	Phenanthrene-d10	2020000	16.901			
1719-03-5	Chrysene-d12	598000	21.325			
1520-96-3	Perylene-d12	1880	24.442			

Raw Data: **BP025244.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL			SDG No.:	Q2481
Lab Sample ID:	Q2481-19			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025244.D	10	07/23/25 11:15	07/24/25 16:09	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BP025243.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-20	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025243.D	10	07/23/25 11:15	07/24/25 15:27	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1300	U	1300	5000	ug/L
106-46-7	1,4-Dichlorobenzene	530	U	530	5000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	5000	ug/L
65794-96-9	3+4-Methylphenols	1100	U	1100	10000	ug/L
67-72-1	Hexachloroethane	650	U	650	5000	ug/L
98-95-3	Nitrobenzene	760	U	760	5000	ug/L
87-68-3	Hexachlorobutadiene	540	U	540	5000	ug/L
88-06-2	2,4,6-Trichlorophenol	510	U	510	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	620	U	620	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1200	U	1200	5000	ug/L
118-74-1	Hexachlorobenzene	520	U	520	5000	ug/L
87-86-5	Pentachlorophenol	1600	U	1600	10000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	23.9	*	23 - 138	1%	SPK: 150
13127-88-3	Phenol-d6	38.7	*	10 - 134	2%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.0	*	67 - 132	8%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.6	*	52 - 132	10%	SPK: 100
118-79-6	2,4,6-Tribromophenol	41.6	*	44 - 137	2%	SPK: 150
1718-51-0	Terphenyl-d14	99.8	*	42 - 152	10%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	469000	7.431			
1146-65-2	Naphthalene-d8	1840000	10.172			
15067-26-2	Acenaphthene-d10	1050000	14.089			
1517-22-2	Phenanthrene-d10	2260000	16.901			
1719-03-5	Chrysene-d12	2320000	21.33			
1520-96-3	Perylene-d12	1650000	24.465			

Raw Data: **BP025243.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0627-BL			SDG No.:	Q2481
Lab Sample ID:	Q2481-20			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025243.D	10	07/23/25 11:15	07/24/25 15:27	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143230.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-21	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	10 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143230.D	1	07/23/25 11:15	07/24/25 13:32	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	130	U	130	500	ug/L
106-46-7	1,4-Dichlorobenzene	53.0	U	53.0	500	ug/L
95-48-7	2-Methylphenol	110	U	110	500	ug/L
65794-96-9	3+4-Methylphenols	110	U	110	1000	ug/L
67-72-1	Hexachloroethane	65.0	U	65.0	500	ug/L
98-95-3	Nitrobenzene	76.0	U	76.0	500	ug/L
87-68-3	Hexachlorobutadiene	54.0	U	54.0	500	ug/L
88-06-2	2,4,6-Trichlorophenol	51.0	U	51.0	500	ug/L
95-95-4	2,4,5-Trichlorophenol	62.0	U	62.0	500	ug/L
121-14-2	2,4-Dinitrotoluene	120	U	120	500	ug/L
118-74-1	Hexachlorobenzene	52.0	U	52.0	500	ug/L
87-86-5	Pentachlorophenol	160	U	160	1000	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	42.8		23 - 138	29%	SPK: 150
13127-88-3	Phenol-d6	43.1		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	33.7	*	67 - 132	34%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.8	*	52 - 132	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	38.1	*	44 - 137	25%	SPK: 150
1718-51-0	Terphenyl-d14	26.6	*	42 - 152	27%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.963			
1146-65-2	Naphthalene-d8	418000	8.239			
15067-26-2	Acenaphthene-d10	204000	9.992			
1517-22-2	Phenanthrene-d10	306000	11.48			
1719-03-5	Chrysene-d12	274000	14.121			
1520-96-3	Perylene-d12	286000	15.621			

Raw Data: **BF143230.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	06/27/25
Project:	CC2-16 Analytical			Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL			SDG No.:	Q2481
Lab Sample ID:	Q2481-21			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	10	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143230.D	1	07/23/25 11:15	07/24/25 13:32	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Surrogate Summary

SW-846

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168969TB	PB168969TB	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	114	76		10	134
		Nitrobenzene-d5	100	77.9	78		67	132
		2-Fluorobiphenyl	100	78.5	78		52	132
		2,4,6-Tribromophenol	150	118	79		44	137
		Terphenyl-d14	100	79.1	79		42	152
PB168983BL	PB168983BL	2-Fluorophenol	150	112	75		23	138
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	77.5	78		67	132
		2-Fluorobiphenyl	100	75.0	75		52	132
		2,4,6-Tribromophenol	150	116	77		44	137
		Terphenyl-d14	100	74.1	74		42	152
PB168983BS	PB168983BS	2-Fluorophenol	150	110	74		23	138
		Phenol-d6	150	110	73		10	134
		Nitrobenzene-d5	100	77.5	77		67	132
		2-Fluorobiphenyl	100	76.6	77		52	132
		2,4,6-Tribromophenol	150	120	80		44	137
		Terphenyl-d14	100	75.1	75		42	152
Q2481-12	CC0627-AL	2-Fluorophenol	150	122	81		23	138
		Phenol-d6	150	122	81		10	134
		Nitrobenzene-d5	100	79.3	79		67	132
		2-Fluorobiphenyl	100	79.5	79		52	132
		2,4,6-Tribromophenol	150	128	86		44	137
		Terphenyl-d14	100	87.6	88		42	152
Q2481-13	CC0627-CLOXPL	2-Fluorophenol	1500	22.2	1	*	23	138
		Phenol-d6	1500	0	0	*	10	134
		Nitrobenzene-d5	1000	157	15	*	67	132
		2-Fluorobiphenyl	1000	25500	2551	*	52	132
		2,4,6-Tribromophenol	1500	30900	2058	*	44	137
		Terphenyl-d14	1000	158	15	*	42	152
Q2481-14	CC0625-OXBL	2-Fluorophenol	1500	117	7	*	23	138
		Phenol-d6	1500	68.0	4	*	10	134
		Nitrobenzene-d5	1000	86.3	8	*	67	132
		2-Fluorobiphenyl	1000	602	60		52	132
		2,4,6-Tribromophenol	1500	701	46		44	137
		Terphenyl-d14	1000	112	11	*	42	152
Q2481-15	CC0627-AOXL	2-Fluorophenol	150	102	68		23	138
		Phenol-d6	150	3.21	2	*	10	134
		Nitrobenzene-d5	100	115	115		67	132
		2-Fluorobiphenyl	100	1240	1236	*	52	132
		2,4,6-Tribromophenol	150	1890	1262	*	44	137
		Terphenyl-d14	100	3530	3535	*	42	152
Q2481-16	CC0625-NL	2-Fluorophenol	1500	131	8	*	23	138
		Phenol-d6	1500	125	8	*	10	134
		Nitrobenzene-d5	1000	91.1	9	*	67	132
		2-Fluorobiphenyl	1000	102	10	*	52	132
		2,4,6-Tribromophenol	1500	119	7	*	44	137
		Terphenyl-d14	1000	120	12	*	42	152
Q2481-17	CC0267-OXPL	2-Fluorophenol	1500	43.4	2	*	23	138
		Phenol-d6	1500	3.48	0	*	10	134
		Nitrobenzene-d5	1000	87.7	8	*	67	132

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

Surrogate Summary

SW-846

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2481-17	CC0267-OXPL	2-Fluorobiphenyl	1000	48300	4832	*	52	132
		2,4,6-Tribromophenol	1500	58800	3918	*	44	137
		Terphenyl-d14	1000	113	11	*	42	152
Q2481-18	CC0627-OXL	2-Fluorophenol	1500	0.14	0	*	23	138
		Phenol-d6	1500	0	0	*	10	134
		Nitrobenzene-d5	1000	489	48	*	67	132
		2-Fluorobiphenyl	1000	100000	10034	*	52	132
		2,4,6-Tribromophenol	1500	122000	8108	*	44	137
		Terphenyl-d14	1000	415	41		42	152
Q2481-19	CC0627-CLOXAL	2-Fluorophenol	1500	0	0	*	23	138
		Phenol-d6	1500	0	0	*	10	134
		Nitrobenzene-d5	1000	111	11	*	67	132
		2-Fluorobiphenyl	1000	662	66		52	132
		2,4,6-Tribromophenol	1500	0	0	*	44	137
		Terphenyl-d14	1000	1.83	0	*	42	152
Q2481-20	CC0627-BL	2-Fluorophenol	1500	23.9	1	*	23	138
		Phenol-d6	1500	38.7	2	*	10	134
		Nitrobenzene-d5	1000	87.0	8	*	67	132
		2-Fluorobiphenyl	1000	99.6	10	*	52	132
		2,4,6-Tribromophenol	1500	41.6	2	*	44	137
		Terphenyl-d14	1000	99.8	10	*	42	152
Q2481-21	CC0627-SFBL	2-Fluorophenol	150	42.8	29		23	138
		Phenol-d6	150	43.1	29		10	134
		Nitrobenzene-d5	100	33.7	34	*	67	132
		2-Fluorobiphenyl	100	36.8	37	*	52	132
		2,4,6-Tribromophenol	150	38.1	25	*	44	137
		Terphenyl-d14	100	26.6	27	*	42	152
Q2668-04MS	TP-2MS	2-Fluorophenol	150	105	70		23	138
		Phenol-d6	150	96.9	65		10	134
		Nitrobenzene-d5	100	84.8	85		67	132
		2-Fluorobiphenyl	100	86.1	86		52	132
		2,4,6-Tribromophenol	150	119	79		44	137
		Terphenyl-d14	100	63.3	63		42	152
Q2668-04MSD	TP-2MSD	2-Fluorophenol	150	102	68		23	138
		Phenol-d6	150	94.4	63		10	134
		Nitrobenzene-d5	100	77.4	77		67	132
		2-Fluorobiphenyl	100	80.4	80		52	132
		2,4,6-Tribromophenol	150	119	79		44	137
		Terphenyl-d14	100	60.7	61		42	152

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** SW8270E

Client: Environmental Restoration, LLC **DataFile:** BF143233.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2668-04MS		**Client Sample ID: TP-2MS**									
Pyridine	500	0	300	ug/L	60				10	109	
1,4-Dichlorobenzene	500	0	360	ug/L	72				55	125	
2-Methylphenol	500	0	380	ug/L	76				60	131	
3+4-Methylphenols	500	0	380	ug/L	76				54	136	
Hexachloroethane	500	0	360	ug/L	72				19	146	
Nitrobenzene	500	0	420	ug/L	84				62	112	
Hexachlorobutadiene	500	0	410	ug/L	82				52	125	
2,4,6-Trichlorophenol	500	0	470	ug/L	94				78	112	
2,4,5-Trichlorophenol	500	0	460	ug/L	92				71	111	
2,4-Dinitrotoluene	500	0	480	ug/L	96				74	137	
Hexachlorobenzene	500	0	460	ug/L	92				72	115	
Pentachlorophenol	1000	0	780	ug/L	78				52	162	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** SW8270E

Client: Environmental Restoration, LLC **DataFile:** BF143234.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2668-04MSD		**Client Sample ID: TP-2MSD**									
Pyridine	500	0	300	ug/L	60	0			10	109	20
1,4-Dichlorobenzene	500	0	360	ug/L	72	0			55	125	20
2-Methylphenol	500	0	380	ug/L	76	0			60	131	20
3+4-Methylphenols	500	0	380	ug/L	76	0			54	136	20
Hexachloroethane	500	0	350	ug/L	70	3			19	146	20
Nitrobenzene	500	0	400	ug/L	80	5			62	112	20
Hexachlorobutadiene	500	0	400	ug/L	80	2			52	125	20
2,4,6-Trichlorophenol	500	0	430	ug/L	86	9			78	112	20
2,4,5-Trichlorophenol	500	0	430	ug/L	86	7			71	111	20
2,4-Dinitrotoluene	500	0	470	ug/L	94	2			74	137	20
Hexachlorobenzene	500	0	420	ug/L	84	9			72	115	20
Pentachlorophenol	1000	0	750	ug/L	75	4			52	162	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8270E

Client: Environmental Restoration, LLC **DataFile:** BF143227.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168983BS	Pyridine	50	37.2	ug/L	74				29	97	
	1,4-Dichlorobenzene	50	43.0	ug/L	86				76	103	
	2-Methylphenol	50	43.2	ug/L	86				69	109	
	3+4-Methylphenols	50	42.4	ug/L	85				67	106	
	Hexachloroethane	50	44.4	ug/L	89				76	118	
	Nitrobenzene	50	44.8	ug/L	90				58	106	
	Hexachlorobutadiene	50	45.5	ug/L	91				69	101	
	2,4,6-Trichlorophenol	50	44.5	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	46.0	ug/L	92				70	106	
	2,4-Dinitrotoluene	50	52.7	ug/L	105				60	115	
	Hexachlorobenzene	50	44.9	ug/L	90				73	106	
	Pentachlorophenol	100	65.5	ug/L	66				47	114	

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168983BL

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2481

Lab File ID: BF143226.D | Lab Sample ID: PB168983BL

Instrument ID: BNA_F | Date Extracted: 07/23/2025

Matrix: (soil/water) water | Date Analyzed: 07/24/2025

Level: (low/med) LOW | Time Analyzed: 11:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168983BS	PB168983BS	BF143227.D	07/24/2025
CC0627-SFBL	Q2481-21	BF143230.D	07/24/2025
TP-2MS	Q2668-04MS	BF143233.D	07/24/2025
TP-2MSD	Q2668-04MSD	BF143234.D	07/24/2025
PB168969TB	PB168969TB	BP025236.D	07/24/2025
CC0627-AL	Q2481-12	BP025238.D	07/24/2025
CC0627-AOXL	Q2481-15	BP025239.D	07/24/2025
CC0625-NL	Q2481-16	BP025240.D	07/24/2025
CC0625-OXBL	Q2481-14	BP025241.D	07/24/2025
CC0267-OXPL	Q2481-17	BP025242.D	07/24/2025
CC0627-CLOXAL	Q2481-19	BP025244.D	07/24/2025
CC0627-CLOXPL	Q2481-13	BP025245.D	07/24/2025
CC0627-OXL	Q2481-18	BP025246.D	07/24/2025
CC0627-BL	Q2481-20	BP025243.D	07/24/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 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	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: BF143222.D DFTPP Injection Date: 07/24/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	79.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BF143223.D	07/24/2025	10:00
PB168983BL	PB168983BL	BF143226.D	07/24/2025	11:28
PB168983BS	PB168983BS	BF143227.D	07/24/2025	11:57
CC0627-SFBL	Q2481-21	BF143230.D	07/24/2025	13:32
TP-2MS	Q2668-04MS	BF143233.D	07/24/2025	14:59
TP-2MSD	Q2668-04MSD	BF143234.D	07/24/2025	15:29

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: BP025194.D DFTPP Injection Date: 07/21/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	80.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (19.5) 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	BP025196.D	07/21/2025	14:25
SSTDICC005	SSTDICC005	BP025197.D	07/21/2025	15:06
SSTDICC010	SSTDICC010	BP025198.D	07/21/2025	15:47
SSTDICC020	SSTDICC020	BP025199.D	07/21/2025	16:29
SSTDICCC040	SSTDICCC040	BP025200.D	07/21/2025	17:10
SSTDICC050	SSTDICC050	BP025201.D	07/21/2025	17:51
SSTDICC060	SSTDICC060	BP025202.D	07/21/2025	18:32
SSTDICC080	SSTDICC080	BP025203.D	07/21/2025	19:14

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2481

Lab File ID: BP025234.D DFTPP Injection Date: 07/24/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	80.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.5 (19.5) 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	BP025235.D	07/24/2025	09:54
PB168969TB	PB168969TB	BP025236.D	07/24/2025	10:36
CC0627-AL	Q2481-12	BP025238.D	07/24/2025	12:01
CC0627-AOXL	Q2481-15	BP025239.D	07/24/2025	12:43
CC0625-NL	Q2481-16	BP025240.D	07/24/2025	13:24
CC0625-OXBL	Q2481-14	BP025241.D	07/24/2025	14:05
CC0267-OXPL	Q2481-17	BP025242.D	07/24/2025	14:46
CC0627-BL	Q2481-20	BP025243.D	07/24/2025	15:27
CC0627-CLOXAL	Q2481-19	BP025244.D	07/24/2025	16:09
CC0627-CLOXPL	Q2481-13	BP025245.D	07/24/2025	16:50
CC0627-OXL	Q2481-18	BP025246.D	07/24/2025	17:31

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2481

Client ID : SSTDCCC040 Date Analyzed: 07/24/2025

Lab File ID: BF143223.D Time Analyzed: 10:00

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	111280	6.963	414377	8.25	207756	10.00
	UPPER LIMIT	222560	7.463	828754	8.745	415512	10.498
	LOWER LIMIT	55640	6.463	207189	7.745	103878	9.498
	EPA SAMPLE NO.						
01	PB168983BL	113347	6.96	430028	8.24	228834	9.99
02	PB168983BS	118928	6.96	454070	8.25	233308	10.00
03	CC0627-SFBL	111301	6.96	417726	8.24	204004	9.99
04	TP-2MS	109392	6.96	386410	8.24	173672	10.00
05	TP-2MSD	109426	6.96	403271	8.24	187839	10.00

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2481

Client ID: SSTDCCC040 Date Analyzed: 07/24/2025

Lab File ID: BF143223.D Time Analyzed: 10:00

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	339055	11.486	239429	14.121	272622	15.621
	UPPER LIMIT	678110	11.986	478858	14.621	545244	16.121
	LOWER LIMIT	169528	10.986	119715	13.621	136311	15.121
	EPA SAMPLE NO.						
01	PB168983BL	391747	11.48	247241	14.12	259580	15.62
02	PB168983BS	382635	11.49	235441	14.12	270750	15.62
03	CC0627-SFBL	306414	11.48	273841	14.12	286158	15.62
04	TP-2MS	256696	11.48	248400	14.12	248204	15.62
05	TP-2MSD	290285	11.49	267616	14.12	264420	15.63

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2481

Client ID : SSTDCCC040 Date Analyzed: 07/24/2025

Lab File ID: BP025235.D Time Analyzed: 09:54

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #		RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	649496	7.431	2443210		10.17	1512440		14.08
	UPPER LIMIT	1298990	7.931	4886420		10.672	3024880		14.584
	LOWER LIMIT	324748	6.931	1221610		9.672	756220		13.584
	EPA SAMPLE NO.								
01	PB168969TB	661066	7.43	2473240		10.17	1495570		14.08
02	CC0627-AL	456629	7.43	1774210		10.17	1140670		14.08
03	CC0627-AOXL	454140	7.44	1182090	*	10.18	66114	*	14.07
04	CC0627-CLOXPL	459498	7.44	1166100	*	10.18	4344	*	14.10
05	CC0625-OXBL	487721	7.43	2049490		10.18	202910	*	14.08
06	CC0625-NL	481955	7.43	1963840		10.18	1252110		14.08
07	CC0267-OXPL	513506	7.43	1840840		10.17	2161	*	14.08
08	CC0627-OXL	491208	7.44	179141	*	10.18	511	*	14.08
09	CC0627-CLOXAL	540284	7.43	2088020		10.18	92686	*	14.08
10	CC0627-BL	469209	7.43	1835530		10.17	1050770		14.09

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2481

Client ID: SSTDCCC040 Date Analyzed: 07/24/2025

Lab File ID: BP025235.D Time Analyzed: 09:54

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2870460	16.89	2920740	21.336	3430260	24.483
	UPPER LIMIT	5740920	17.39	5841480	21.836	6860520	24.983
	LOWER LIMIT	1435230	16.39	1460370	20.836	1715130	23.983
	EPA SAMPLE NO.						
01	PB168969TB	2901130	16.91	2893960	21.33	3251980	24.47
02	CC0627-AL	2268390	16.90	2431540	21.34	2751180	24.48
03	CC0627-AOXL	302001 *	16.89	985 *	21.27	525 *	24.41
04	CC0627-CLOXPL	1393970*	16.89	1310530 *	21.32	8832 *	24.47
05	CC0625-OXBL	2655110	16.91	2515210	21.32	759744 *	24.48
06	CC0625-NL	2688060	16.91	2490200	21.34	1494500 *	24.46
07	CC0267-OXPL	2197830	16.90	1885590	21.32	52055 *	24.48
08	CC0627-OXL	64549 *	16.88	56173 *	21.34	1449 *	24.44
09	CC0627-CLOXAL	2017620	16.90	597622 *	21.33	1876 *	24.44
10	CC0627-BL	2259810	16.90	2324570	21.33	1651310 *	24.47

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

Raw Data: **BF143226.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB168983BL	SDG No.:	Q2481
Lab Sample ID:	PB168983BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143226.D	1	07/23/25 11:15	07/24/25 11:28	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	112		23 - 138	75%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.5		67 - 132	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.0		52 - 132	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		44 - 137	77%	SPK: 150
1718-51-0	Terphenyl-d14	74.1		42 - 152	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	113000	6.963			
1146-65-2	Naphthalene-d8	430000	8.24			
15067-26-2	Acenaphthene-d10	229000	9.992			
1517-22-2	Phenanthrene-d10	392000	11.481			
1719-03-5	Chrysene-d12	247000	14.116			
1520-96-3	Perylene-d12	260000	15.621			

Raw Data: **BF143226.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	
Project:	CC2-16 Analytical			Date Received:	
Client Sample ID:	PB168983BL			SDG No.:	Q2481
Lab Sample ID:	PB168983BL			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143226.D	1	07/23/25 11:15	07/24/25 11:28	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143227.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB168983BS	SDG No.:	Q2481
Lab Sample ID:	PB168983BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143227.D	1	07/23/25 11:15	07/24/25 11:57	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.2		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.0		0.53	5.00	ug/L
95-48-7	2-Methylphenol	43.2		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.4		1.10	10.0	ug/L
67-72-1	Hexachloroethane	44.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.8		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	45.5		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.5		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.0		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	52.7		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	44.9		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	65.5		1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	110		23 - 138	74%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 134	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.5		67 - 132	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.6		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	75.1		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000	6.963			
1146-65-2	Naphthalene-d8	454000	8.245			
15067-26-2	Acenaphthene-d10	233000	9.998			
1517-22-2	Phenanthrene-d10	383000	11.486			
1719-03-5	Chrysene-d12	235000	14.121			
1520-96-3	Perylene-d12	271000	15.621			

Raw Data: **BF143227.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	
Project:	CC2-16 Analytical			Date Received:	
Client Sample ID:	PB168983BS			SDG No.:	Q2481
Lab Sample ID:	PB168983BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143227.D	1	07/23/25 11:15	07/24/25 11:57	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143233.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/21/25
Project:	CC2-16 Analytical	Date Received:	07/21/25
Client Sample ID:	TP-2MS	SDG No.:	Q2481
Lab Sample ID:	Q2668-04MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143233.D	1	07/23/25 11:15	07/24/25 14:59	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	300		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	380		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	380		11.0	100	ug/L
67-72-1	Hexachloroethane	360		6.50	50.0	ug/L
98-95-3	Nitrobenzene	420		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	410		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	470		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	460		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	480		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	460		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	780		15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	105		23 - 138	70%	SPK: 150
13127-88-3	Phenol-d6	96.9		10 - 134	65%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.8		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.1		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	79%	SPK: 150
1718-51-0	Terphenyl-d14	63.3		42 - 152	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	109000	6.963			
1146-65-2	Naphthalene-d8	386000	8.239			
15067-26-2	Acenaphthene-d10	174000	9.998			
1517-22-2	Phenanthrene-d10	257000	11.48			
1719-03-5	Chrysene-d12	248000	14.121			
1520-96-3	Perylene-d12	248000	15.621			

Raw Data: **BF143233.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	07/21/25
Project:	CC2-16 Analytical			Date Received:	07/21/25
Client Sample ID:	TP-2MS			SDG No.:	Q2481
Lab Sample ID:	Q2668-04MS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143233.D	1	07/23/25 11:15	07/24/25 14:59	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Raw Data: **BF143234.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/21/25
Project:	CC2-16 Analytical	Date Received:	07/21/25
Client Sample ID:	TP-2MSD	SDG No.:	Q2481
Lab Sample ID:	Q2668-04MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143234.D	1	07/23/25 11:15	07/24/25 15:29	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	300		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	380		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	380		11.0	100	ug/L
67-72-1	Hexachloroethane	350		6.50	50.0	ug/L
98-95-3	Nitrobenzene	400		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	400		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	430		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	430		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	470		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	420		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	750		15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	102		23 - 138	68%	SPK: 150
13127-88-3	Phenol-d6	94.4		10 - 134	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.4		67 - 132	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.4		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	79%	SPK: 150
1718-51-0	Terphenyl-d14	60.7		42 - 152	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	109000	6.963			
1146-65-2	Naphthalene-d8	403000	8.239			
15067-26-2	Acenaphthene-d10	188000	9.998			
1517-22-2	Phenanthrene-d10	290000	11.486			
1719-03-5	Chrysene-d12	268000	14.121			
1520-96-3	Perylene-d12	264000	15.627			

Raw Data: **BF143234.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC			Date Collected:	07/21/25
Project:	CC2-16 Analytical			Date Received:	07/21/25
Client Sample ID:	TP-2MSD			SDG No.:	Q2481
Lab Sample ID:	Q2668-04MSD			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143234.D	1	07/23/25 11:15	07/24/25 15:29	PB168983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598	4.09
3)		Pyridine		1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552	3.88
4)		n-Nitrosodimet...			0.776	0.799	0.810	0.851	0.804	0.768	0.801	3.66
5)	S	2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264	7.00
6)		Aniline		2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217	4.86
7)	S	Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591	6.72
8)		2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325	4.87
9)		Benzaldehyde			1.167	1.163	1.443	1.411	1.122	0.851	1.193	18.13
10)	C	Phenol		1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733	6.37
11)		bis(2-Chloroet...		1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327	5.40
12)		1,3-Dichlorobe...		1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439	7.18
13)	C	1,4-Dichlorobe...		1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449	7.52
14)		1,2-Dichlorobe...		1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378	6.96
15)		Benzyl Alcohol			1.214	1.246	1.215	1.278	1.193	1.141	1.215	3.85
16)		2,2'-oxybis(1-...		2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461	6.55
17)		2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114	4.61
18)		Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502	4.68
19)	P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)		3+4-Methylphenols			1.467	1.469	1.341	1.402	1.268	1.162	1.351	8.95
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474	8.65
23)	S	Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401	3.47
24)		Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374	3.88
25)		Isophorone		0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708	3.75
26)	C	2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162	11.25
27)		2,4-Dimethylph...		0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331	5.70
28)		bis(2-Chloroet...		0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425	6.28
29)	C	2,4-Dichloroph...		0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279	4.44
30)		1,2,4-Trichlor...		0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302	6.43
31)		Naphthalene		1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985	8.91
32)		Benzoic acid			0.104	0.149	0.180	0.197	0.187	0.194	0.169	21.36
33)		4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402	6.33
34)	C	Hexachlorobuta...		0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184	4.59
35)		Caprolactam			0.078	0.084	0.087	0.091	0.085	0.082	0.084	5.35
36)	C	4-Chloro-3-met...		0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303	4.04
37)		2-Methylnaphth...		0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599	8.17
38)		1-Methylnaphth...		0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617	8.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93
41)	P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14
42)	S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55
43)	C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63
44)		2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76
45)	S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58
46)		1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62
47)		2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14
48)		2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85
49)		Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71
50)		Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16
51)		2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14
52)	C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53
53)		3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13
54)	P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02
55)		Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02
56)	P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70
57)		2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03
58)		Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79
59)		2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30
60)		Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81
61)		4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86
62)		4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44
63)		Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88
66)	c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03
67)		4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26
68)		Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80
69)		Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32
70)	C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70
71)		Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98
72)		Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13
73)		Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93
74)		Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36
75)	C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53
78)		Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72
79)	S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43
80)		Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61
81)		Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86
82)		3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58
83)		Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29
84)		Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03
85)	c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.424	1.336	1.430	1.413	1.505	1.411	1.352	1.410	3.92
88)		Benzo(b)fluora...	1.231	1.136	1.287	1.147	1.352	1.188	1.212	1.222	6.30
89)		Benzo(k)fluora...	1.168	1.152	1.093	1.134	1.069	1.080	0.937	1.090	7.10
90)	C	Benzo(a)pyrene	1.129	1.102	1.147	1.121	1.192	1.121	1.070	1.126	3.35
91)		Dibenzo(a,h)an...	1.159	1.103	1.179	1.147	1.221	1.140	1.087	1.148	3.92
92)		Benzo(g,h,i)pe...	1.100	1.047	1.140	1.109	1.196	1.113	1.067	1.110	4.37

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025196.D 5 =BP025197.D 10 =BP025198.D 20 =BP025199.D 40 =BP025200.D 50 =BP025201.D 60 =BP025202.D 80 =BP0252
03.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.465	0.448	0.444	0.428	0.465	0.439	0.417	0.444	4.00
3)		Pyridine		1.216	1.139	1.178	1.166	1.258	1.199	1.155	1.188	3.42
4)		n-Nitrosodimet...			0.443	0.468	0.468	0.502	0.481	0.463	0.471	4.16
5)	S	2-Fluorophenol		1.225	1.157	1.200	1.163	1.241	1.183	1.117	1.184	3.58
6)		Aniline		1.917	1.817	1.913	1.926	2.037	1.940	1.864	1.916	3.55
7)	S	Phenol-d6		1.475	1.426	1.477	1.468	1.544	1.473	1.399	1.466	3.11
8)		2-Chlorophenol		1.343	1.287	1.346	1.338	1.421	1.365	1.301	1.343	3.27
9)		Benzaldehyde			0.925	0.954	1.109	1.237	0.994	0.745	0.994	16.85
10)	C	Phenol		1.528	1.464	1.521	1.519	1.613	1.531	1.466	1.520	3.29
11)		bis(2-Chloroet...		1.181	1.125	1.157	1.164	1.243	1.170	1.118	1.166	3.54
12)		1,3-Dichlorobe...		1.563	1.492	1.514	1.493	1.579	1.502	1.429	1.510	3.31
13)	C	1,4-Dichlorobe...		1.574	1.496	1.532	1.506	1.603	1.514	1.447	1.525	3.39
14)		1,2-Dichlorobe...		1.534	1.420	1.461	1.451	1.542	1.456	1.401	1.467	3.65
15)		Benzyl Alcohol			1.000	1.051	1.063	1.123	1.077	1.031	1.057	3.95
16)		2,2'-oxybis(1-...		1.518	1.433	1.497	1.487	1.595	1.483	1.426	1.491	3.79
17)		2-Methylphenol		1.045	1.003	1.053	1.058	1.130	1.065	1.025	1.054	3.77
18)		Hexachloroethane		0.529	0.510	0.517	0.520	0.557	0.530	0.507	0.524	3.19
19)	P	n-Nitroso-di-n...	0.864	0.909	0.837	0.899	0.888	0.949	0.881	0.830	0.882	4.41
20)		3+4-Methylphenols			1.354	1.436	1.440	1.549	1.462	1.386	1.438	4.68
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.468	0.482	0.450	0.490	0.463	0.427	0.465	4.67
23)	S	Nitrobenzene-d5		0.368	0.355	0.369	0.352	0.380	0.363	0.332	0.360	4.24
24)		Nitrobenzene		0.322	0.317	0.326	0.314	0.338	0.325	0.304	0.321	3.34
25)		Isophorone		0.649	0.613	0.647	0.622	0.663	0.635	0.600	0.633	3.51
26)	C	2-Nitrophenol		0.173	0.169	0.183	0.183	0.201	0.194	0.186	0.184	6.05
27)		2,4-Dimethylph...		0.306	0.300	0.312	0.303	0.328	0.314	0.295	0.308	3.53
28)		bis(2-Chloroet...		0.408	0.391	0.406	0.383	0.417	0.399	0.367	0.396	4.34
29)	C	2,4-Dichloroph...		0.314	0.305	0.320	0.313	0.336	0.322	0.306	0.317	3.35
30)		1,2,4-Trichlor...		0.359	0.345	0.349	0.334	0.361	0.347	0.326	0.346	3.58
31)		Naphthalene		1.078	1.018	1.046	0.996	1.070	1.016	0.941	1.023	4.61
32)		Benzoic acid			0.182	0.226	0.235	0.262	0.258	0.249	0.235	12.48
33)		4-Chloroaniline		0.456	0.437	0.456	0.438	0.475	0.462	0.426	0.450	3.75
34)	C	Hexachlorobuta...		0.213	0.205	0.211	0.203	0.217	0.211	0.197	0.208	3.33
35)		Caprolactam			0.099	0.107	0.101	0.112	0.109	0.103	0.105	4.63
36)	C	4-Chloro-3-met...		0.313	0.311	0.322	0.307	0.333	0.324	0.306	0.317	3.23
37)		2-Methylnaphth...		0.687	0.659	0.681	0.646	0.696	0.664	0.620	0.665	3.95
38)		1-Methylnaphth...		0.733	0.692	0.714	0.681	0.732	0.695	0.639	0.698	4.70

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.611	0.588	0.601	0.590	0.639	0.597	0.571	0.599	3.54
41)	P	Hexachlorocycl...			0.288	0.329	0.354	0.403	0.392	0.381	0.358	12.18
42)	S	2,4,6-Tribromo...	0.297	0.288	0.298	0.288	0.316	0.296	0.281	0.295	3.77
43)	C	2,4,6-Trichlor...	0.391	0.394	0.412	0.408	0.442	0.416	0.405	0.410	4.09
44)		2,4,5-Trichlor...	0.437	0.438	0.452	0.450	0.478	0.459	0.441	0.451	3.25
45)	S	2-Fluorobiphenyl	1.616	1.525	1.525	1.401	1.486	1.252	1.125	1.419	12.22
46)		1,1'-Biphenyl	1.523	1.474	1.469	1.426	1.502	1.418	1.336	1.450	4.32
47)		2-Chloronaphth...	1.176	1.144	1.126	1.104	1.178	1.123	1.072	1.132	3.37
48)		2-Nitroaniline	0.267	0.274	0.290	0.287	0.319	0.297	0.290	0.289	5.72
49)		Acenaphthylene	1.890	1.843	1.893	1.809	1.958	1.802	1.620	1.831	5.88
50)		Dimethylphthalate	1.515	1.438	1.457	1.378	1.508	1.401	1.315	1.430	5.01
51)		2,6-Dinitrotol...	0.292	0.295	0.312	0.310	0.335	0.321	0.310	0.311	4.80
52)	C	Acenaphthene	1.108	1.069	1.077	1.030	1.127	1.032	0.968	1.059	5.08
53)		3-Nitroaniline	0.328	0.337	0.352	0.342	0.384	0.360	0.350	0.350	5.15
54)	P	2,4-Dinitrophenol			0.133	0.167	0.181	0.211	0.207	0.205	0.184	16.39
55)		Dibenzofuran	1.831	1.721	1.749	1.676	1.784	1.658	1.550	1.710	5.40
56)	P	4-Nitrophenol			0.277	0.299	0.289	0.323	0.313	0.298	0.300	5.57
57)		2,4-Dinitrotol...	0.395	0.402	0.439	0.434	0.482	0.457	0.437	0.435	6.88
58)		Fluorene	1.467	1.383	1.399	1.327	1.413	1.294	1.221	1.358	6.10
59)		2,3,4,6-Tetrac...	0.397	0.380	0.402	0.391	0.427	0.406	0.390	0.399	3.75
60)		Diethylphthalate	1.490	1.408	1.428	1.379	1.504	1.377	1.282	1.410	5.34
61)		4-Chlorophenyl...	0.742	0.707	0.697	0.673	0.704	0.657	0.623	0.686	5.66
62)		4-Nitroaniline	0.335	0.339	0.367	0.346	0.389	0.366	0.353	0.356	5.28
63)		Azobenzene	1.159	1.123	1.169	1.121	1.219	1.156	1.095	1.149	3.53
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...			0.101	0.123	0.132	0.145	0.138	0.136	0.129	12.09
66)	c	n-Nitrosodiphe...	0.637	0.617	0.625	0.601	0.634	0.596	0.539	0.607	5.56
67)		4-Bromophenyl-...	0.234	0.231	0.233	0.233	0.248	0.235	0.220	0.233	3.51
68)		Hexachlorobenzene	0.282	0.275	0.281	0.280	0.289	0.276	0.257	0.277	3.70
69)		Atrazine	0.222	0.223	0.230	0.221	0.239	0.226	0.212	0.225	3.79
70)	C	Pentachlorophenol			0.170	0.187	0.190	0.203	0.196	0.185	0.188	5.87
71)		Phenanthrene	1.158	1.116	1.115	1.070	1.112	1.047	0.932	1.079	6.85
72)		Anthracene	1.140	1.130	1.142	1.083	1.161	1.065	0.885	1.087	8.77
73)		Carbazole	1.095	1.071	1.086	1.029	1.101	1.004	0.875	1.037	7.70
74)		Di-n-butylphth...	1.264	1.248	1.288	1.211	1.300	1.145	0.923	1.197	11.01
75)	C	Fluoranthene	1.350	1.343	1.337	1.252	1.306	1.185	1.114	1.270	7.15
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine			0.711	0.783	0.846	0.716	0.626	0.531	0.702	15.92
78)		Pyrene	1.316	1.229	1.273	1.258	1.279	1.187	1.090	1.233	6.09
79)	S	Terphenyl-d14	1.209	1.162	1.127	0.890	0.967	0.724		1.013	18.40
80)		Butylbenzylpht...	0.558	0.536	0.560	0.564	0.587	0.566	0.537	0.558	3.17
81)		Benzo(a)anthra...	1.339	1.289	1.311	1.244	1.322	1.221	1.115	1.263	6.14
82)		3,3'-Dichlorob...			0.524	0.550	0.509	0.550	0.525	0.483	0.524	4.89
83)		Chrysene	1.254	1.202	1.215	1.159	1.236	1.147	1.040	1.179	6.13
84)		Bis(2-ethylhex...	0.828	0.801	0.817	0.802	0.840	0.780	0.719	0.798	5.02
85)	c	Di-n-octyl pht...			1.368	1.457	1.384	1.492	1.354	1.214	1.378	7.01

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.498	1.428	1.461	1.426	1.540	1.460	1.417	1.462	3.02
88)		Benzo(b)fluora...	1.200	1.164	1.149	1.132	1.187	1.123	1.059	1.145	4.11
89)		Benzo(k)fluora...	1.191	1.117	1.148	1.134	1.201	1.118	1.003	1.130	5.77
90)	C	Benzo(a)pyrene	1.144	1.099	1.131	1.103	1.183	1.108	1.050	1.117	3.73
91)		Dibenzo(a,h)an...	1.216	1.181	1.205	1.175	1.251	1.190	1.128	1.192	3.20
92)		Benzo(g,h,i)pe...	1.211	1.141	1.178	1.150	1.226	1.163	1.135	1.172	2.99

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2481

Instrument ID: BNA_F Calibration Date/Time: 07/24/2025 10:00

Lab File ID: BF143223.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.552	1.390		-10.4	
2-Fluorophenol	1.264	1.147		-9.3	
Phenol-d6	1.591	1.418		-10.9	
1,4-Dichlorobenzene	1.449	1.349		-6.9	20.0
2-Methylphenol	1.114	0.993		-10.9	
3+4-Methylphenols	1.351	1.236		-8.5	
Nitrobenzene-d5	0.401	0.391		-2.5	
Hexachloroethane	0.502	0.476		-5.2	
Nitrobenzene	0.374	0.354		-5.3	
Hexachlorobutadiene	0.184	0.179		-2.7	20.0
2,4,6-Trichlorophenol	0.400	0.377		-5.8	20.0
2-Fluorobiphenyl	1.462	1.406		-3.8	
2,4,5-Trichlorophenol	0.400	0.384		-4.0	
2,4-Dinitrotoluene	0.333	0.342		2.7	
2,4,6-Tribromophenol	0.207	0.193		-6.8	
Hexachlorobenzene	0.249	0.227		-8.8	
Pentachlorophenol	0.147	0.134		-8.8	20.0
Terphenyl-d14	1.344	1.106		-17.7	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2481

Instrument ID: BNA_P Calibration Date/Time: 07/24/2025 09:54

Lab File ID: BP025235.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.188	1.160		-2.4	
2-Fluorophenol	1.184	1.179		-0.4	
Phenol-d6	1.466	1.413		-3.6	
1,4-Dichlorobenzene	1.525	1.506		-1.2	20.0
2-Methylphenol	1.054	1.005		-4.6	
3+4-Methylphenols	1.438	1.347		-6.3	
Nitrobenzene-d5	0.360	0.366		1.7	
Hexachloroethane	0.524	0.523		-0.2	
Nitrobenzene	0.321	0.327		1.9	
Hexachlorobutadiene	0.208	0.212		1.9	20.0
2,4,6-Trichlorophenol	0.410	0.416		1.5	20.0
2-Fluorobiphenyl	1.419	1.457		2.7	
2,4,5-Trichlorophenol	0.451	0.451		0.0	
2,4-Dinitrotoluene	0.435	0.437		0.5	
2,4,6-Tribromophenol	0.295	0.289		-2.0	
Hexachlorobenzene	0.277	0.277		0.0	
Pentachlorophenol	0.188	0.191		1.6	20.0
Terphenyl-d14	1.013	1.033		2.0	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025236.D
Acq On : 24 Jul 2025 10:36
Operator : CG/JU
Sample : PB168969TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Quant Time: Jul 24 10:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	661066	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2473242	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1495565	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2901132	20.000	ng	0.01
76) Chrysene-d12	21.331	240	2893957	20.000	ng	0.00
86) Perylene-d12	24.466	264	3251982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	4659586	119.096	ng	0.00
7) Phenol-d6	6.643	99	5503246	113.569	ng	0.00
23) Nitrobenzene-d5	8.561	82	3468795	77.943	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2597658	117.819	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	8324571	78.473	ng	-0.01
79) Terphenyl-d14	19.660	244	11590337	79.060	ng	0.00

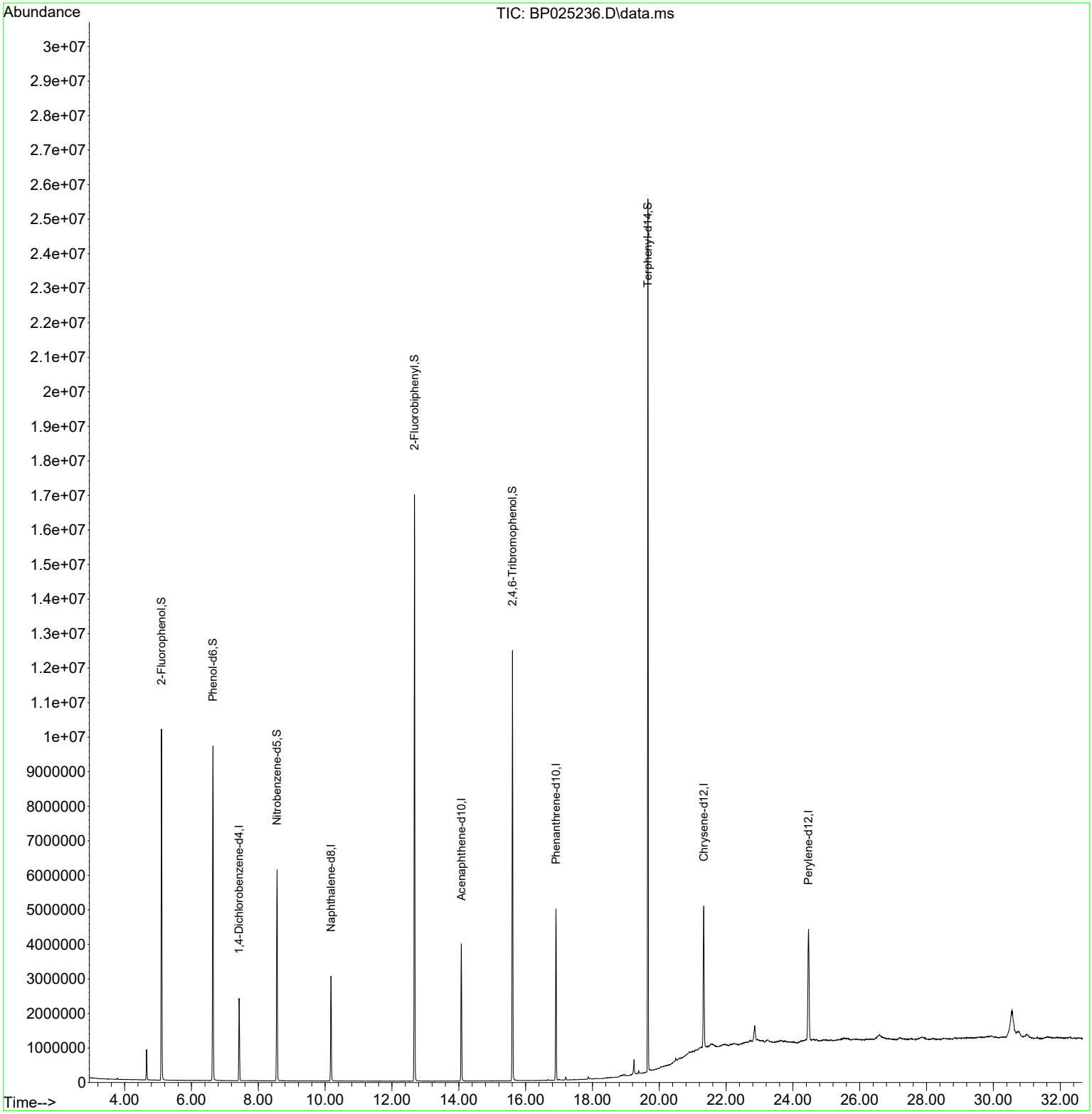
Target Compounds Qvalue

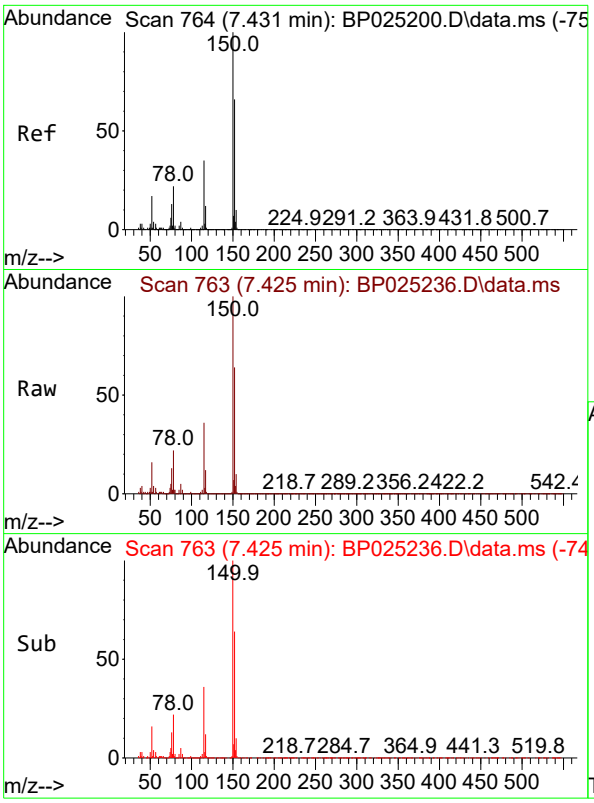
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025236.D
Acq On : 24 Jul 2025 10:36
Operator : CG/JU
Sample : PB168969TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Quant Time: Jul 24 10:56:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



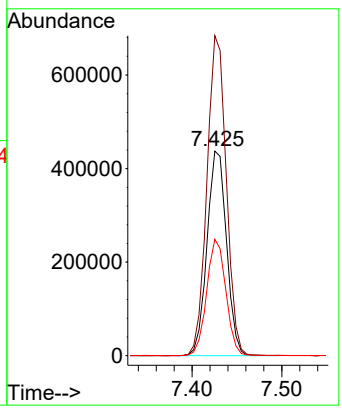


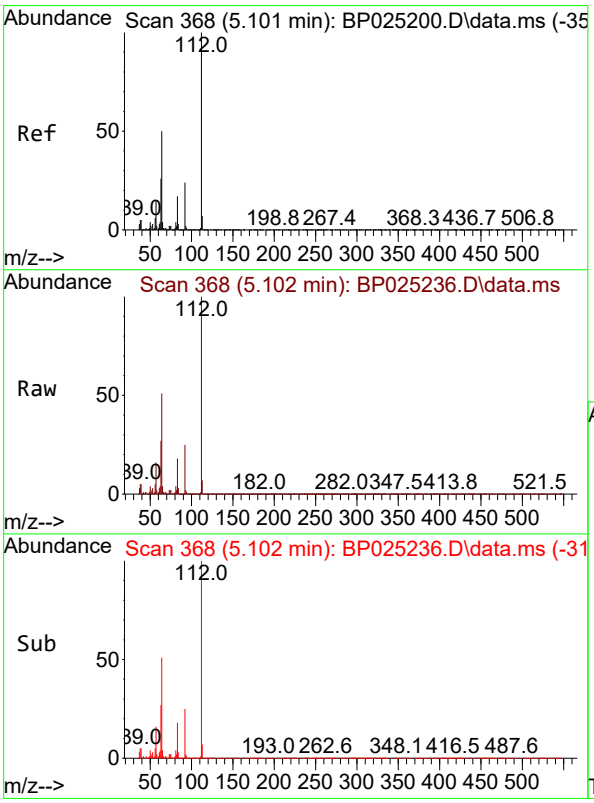
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Tgt Ion:152 Resp: 661066

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.9	182.9
115	56.9	43.0	64.6

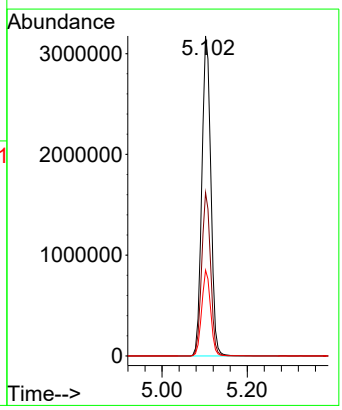


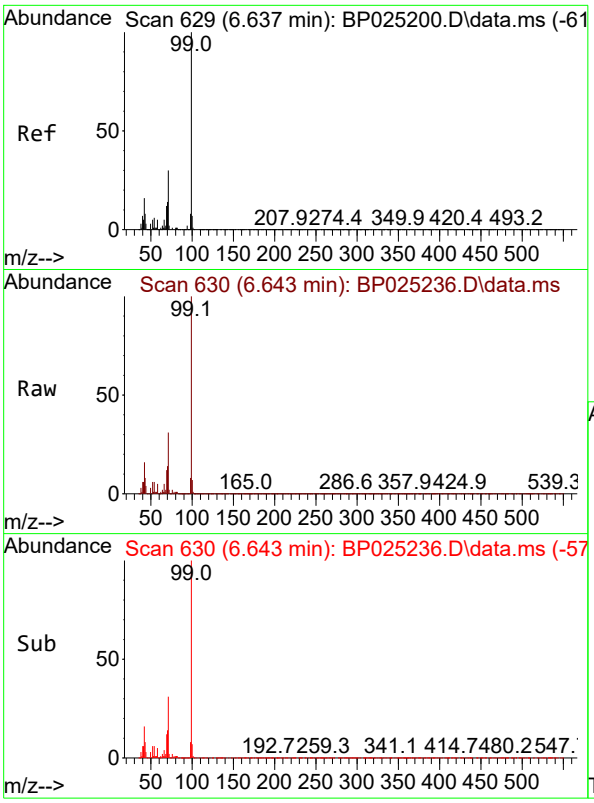


#5
2-Fluorophenol
Concen: 119.096 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.001 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:112 Resp: 4659586

Ion	Ratio	Lower	Upper
112	100		
64	51.1	39.8	59.6
63	26.8	20.5	30.7



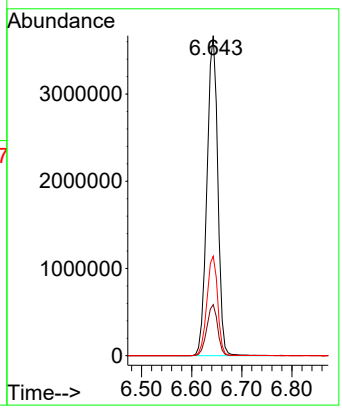


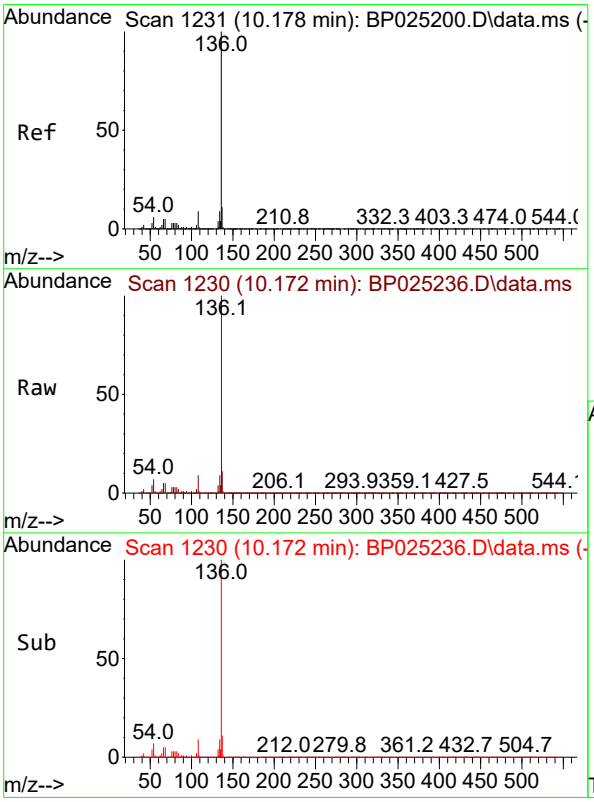
#7
Phenol-d6
Concen: 113.569 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Tgt Ion: 99 Resp: 5503246

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	31.1	24.2	36.2

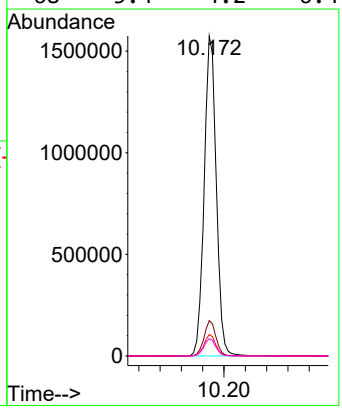


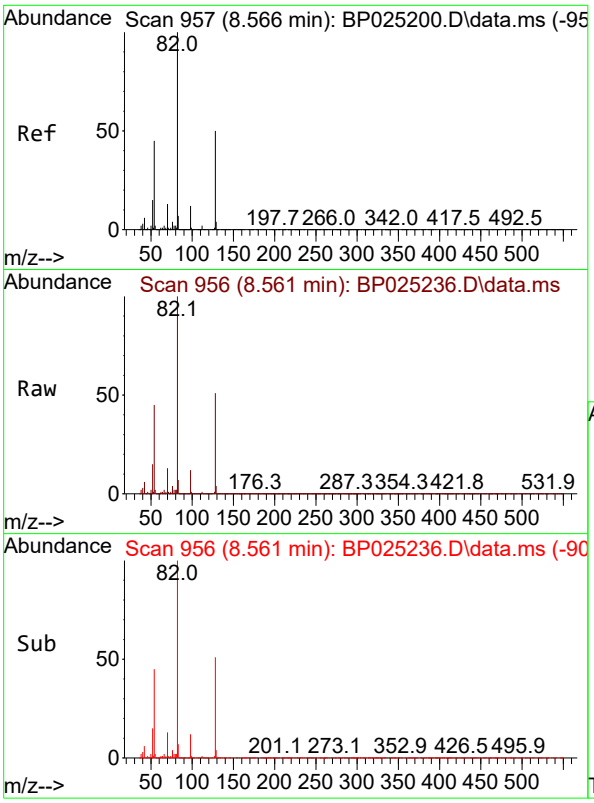


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:136 Resp: 2473242

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.7	5.1	7.7
68	5.4	4.2	6.4



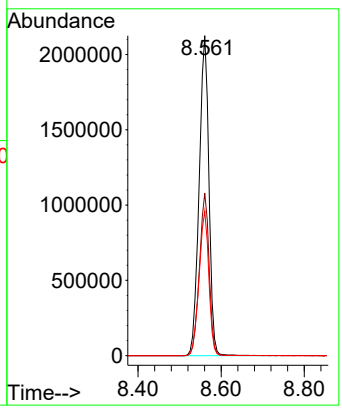


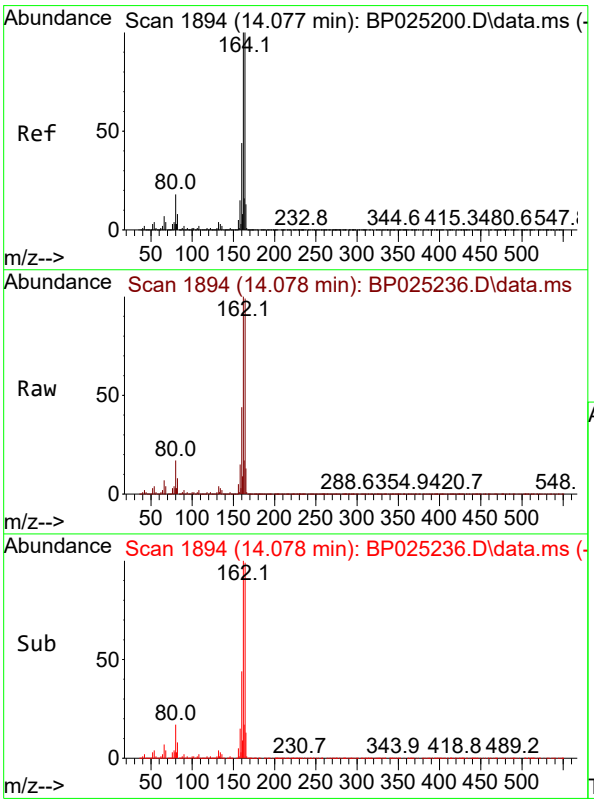
#23
Nitrobenzene-d5
Concen: 77.943 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Tgt Ion: 82 Resp: 3468795

Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.2	60.4
54	45.2	36.3	54.5

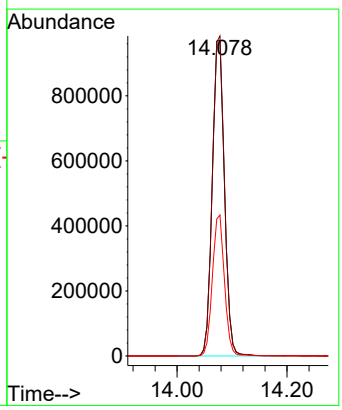


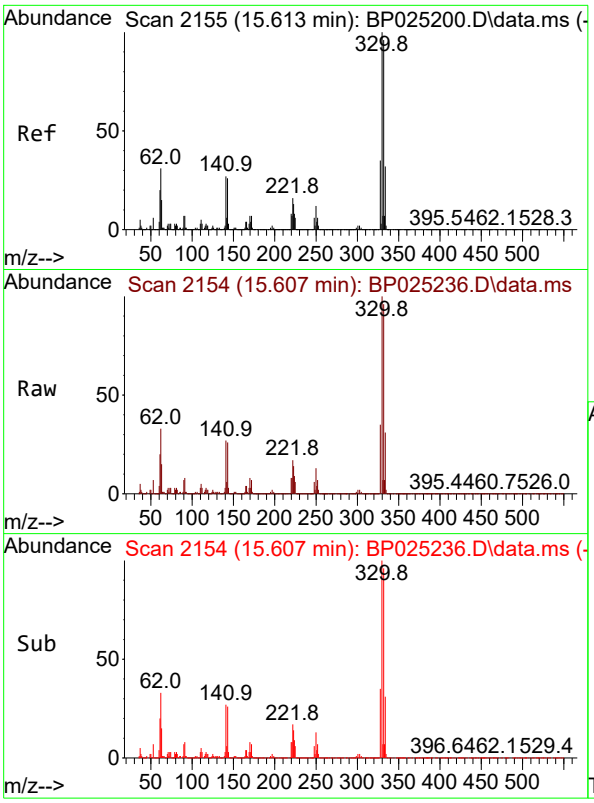


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.001 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:164 Resp: 1495565

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	44.6	35.7	53.5



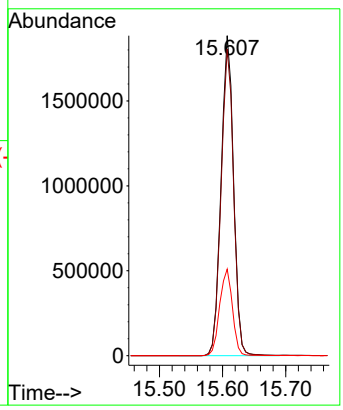


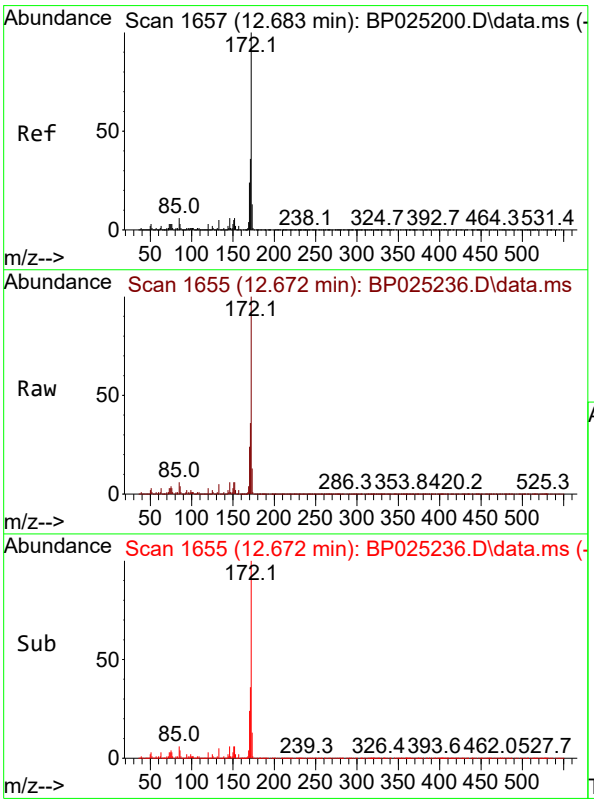
#42
2,4,6-Tribromophenol
Concen: 117.819 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Tgt Ion:330 Resp: 2597658

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	27.6	22.4	33.6

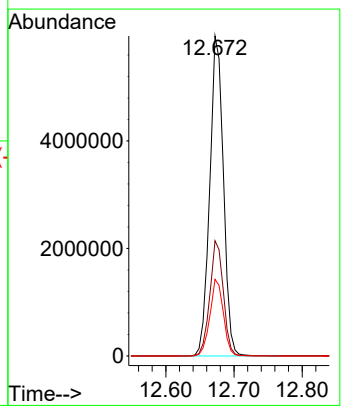


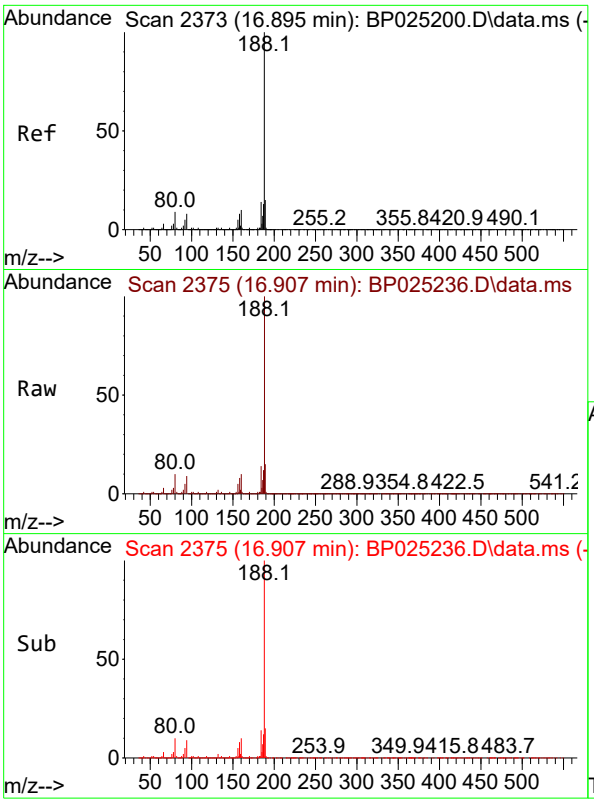


#45
2-Fluorobiphenyl
Concen: 78.473 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:172 Resp: 8324571

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.9	19.2	28.8



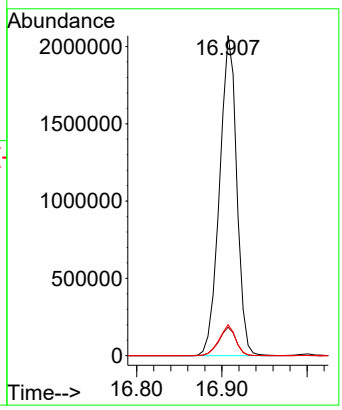


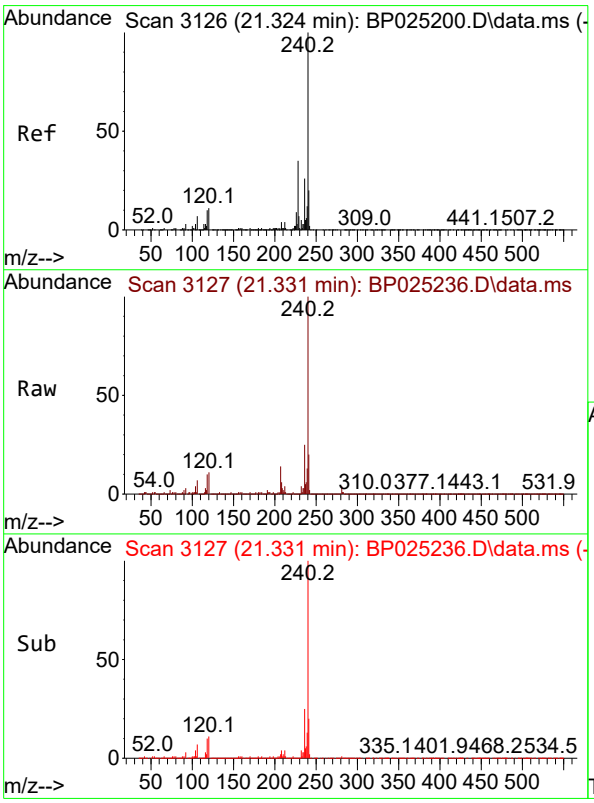
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Tgt Ion:188 Resp: 2901132

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.7	7.3	10.9

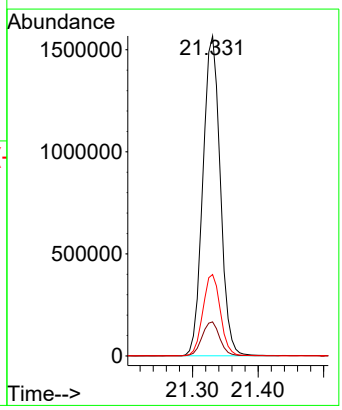


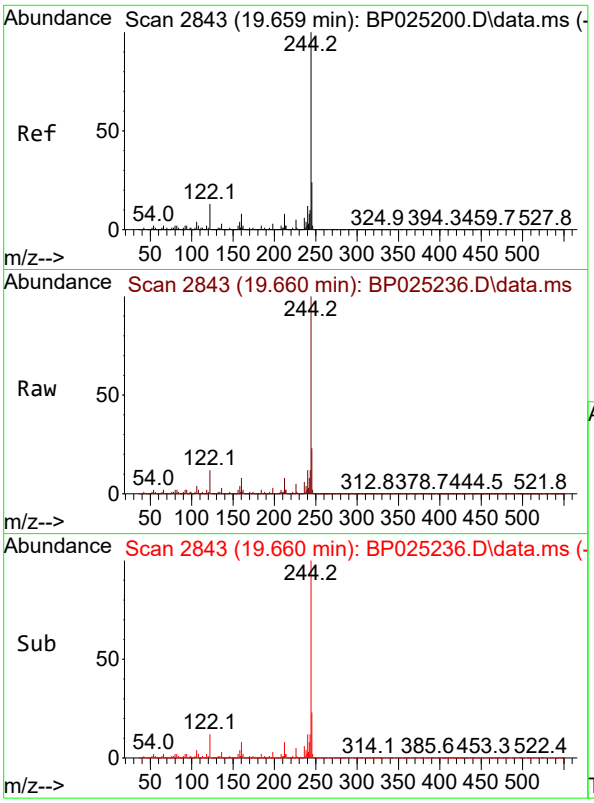


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.331 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:240 Resp: 2893957

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	25.4	20.9	31.3



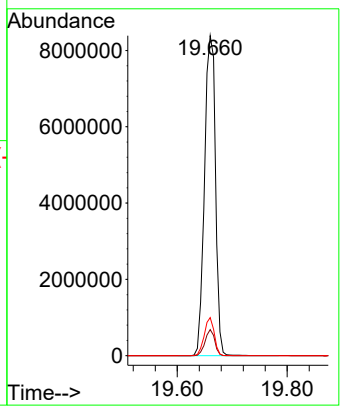


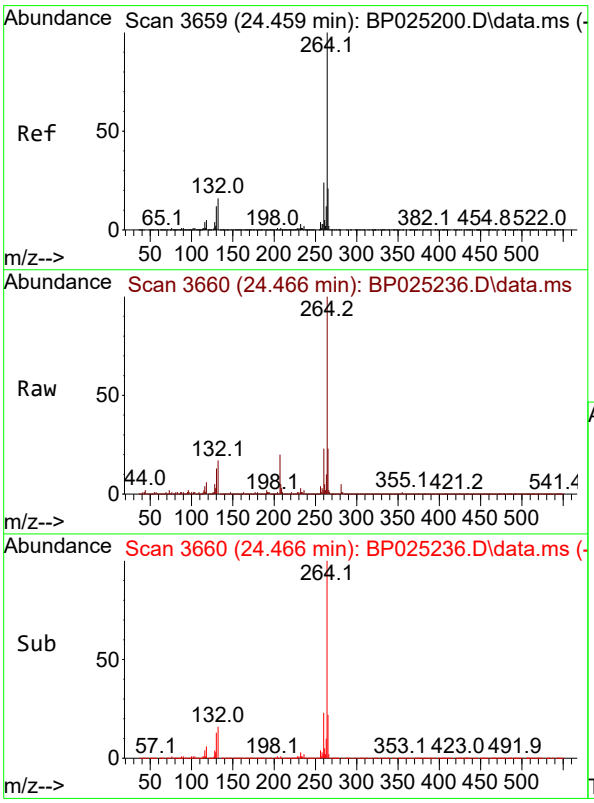
#79
Terphenyl-d14
Concen: 79.060 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Instrument :
BNA_P
ClientSampleId :
PB168969TB

Tgt Ion:244 Resp:11590337

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	11.9	10.3	15.5

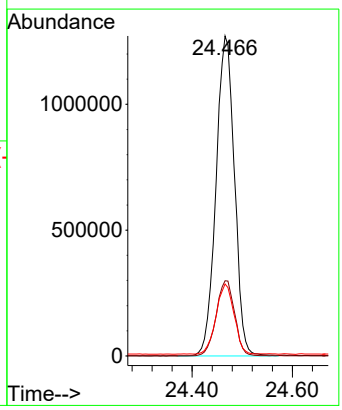




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:264 Resp: 3251982

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.5	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025238.D
Acq On : 24 Jul 2025 12:01
Operator : CG/JU
Sample : Q2481-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Quant Time: Jul 24 12:38:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

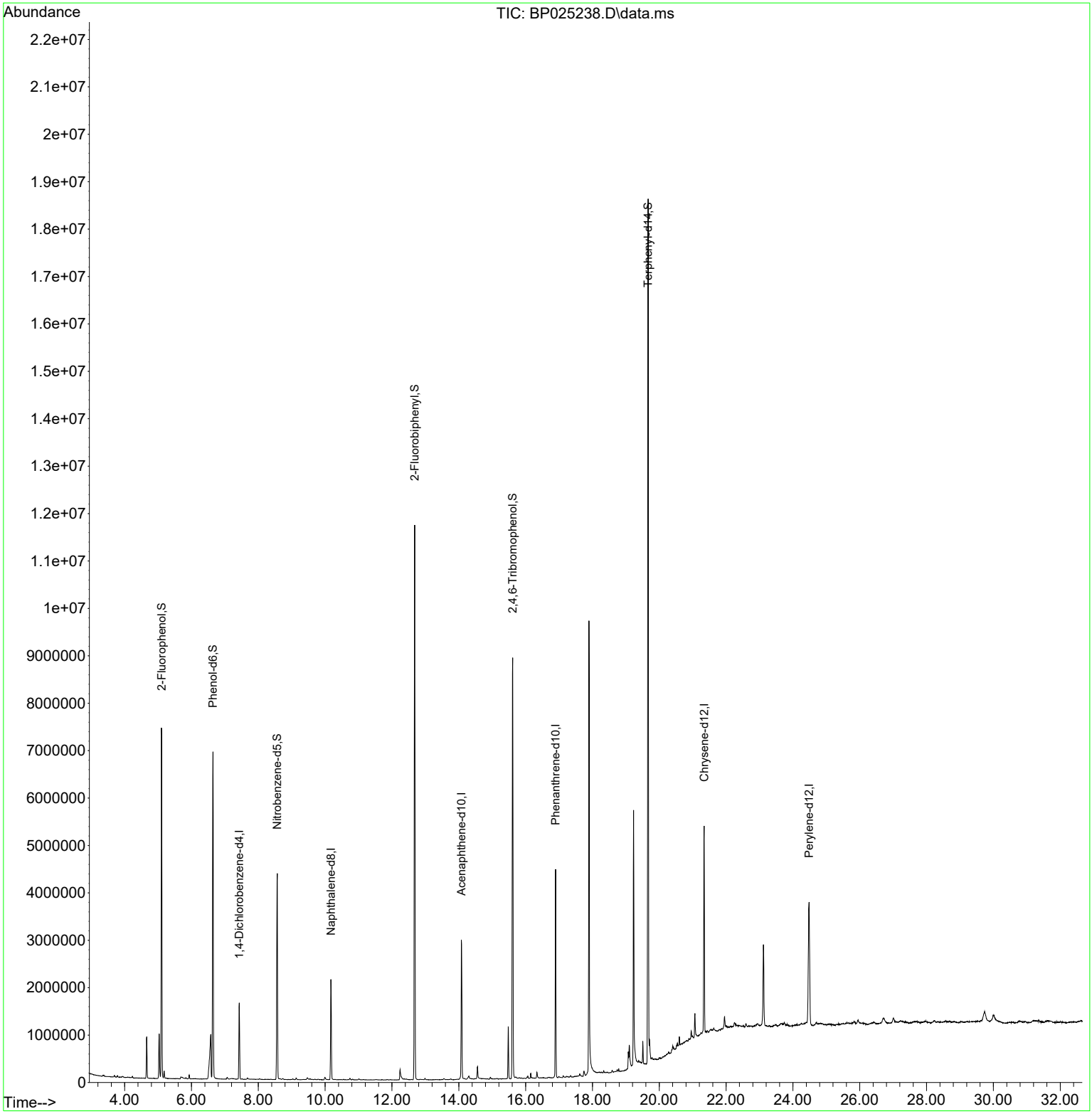
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	456629	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1774209	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1140668	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2268387	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2431543	20.000	ng	0.02
86) Perylene-d12	24.483	264	2751178	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3288597	121.686	ng	0.00
7) Phenol-d6	6.643	99	4070585	121.612	ng	0.00
23) Nitrobenzene-d5	8.566	82	2530895	79.275	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2157162	128.281	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	6428815	79.457	ng	0.00
79) Terphenyl-d14	19.666	244	10792574	87.619	ng	0.00
Target Compounds						Qvalue

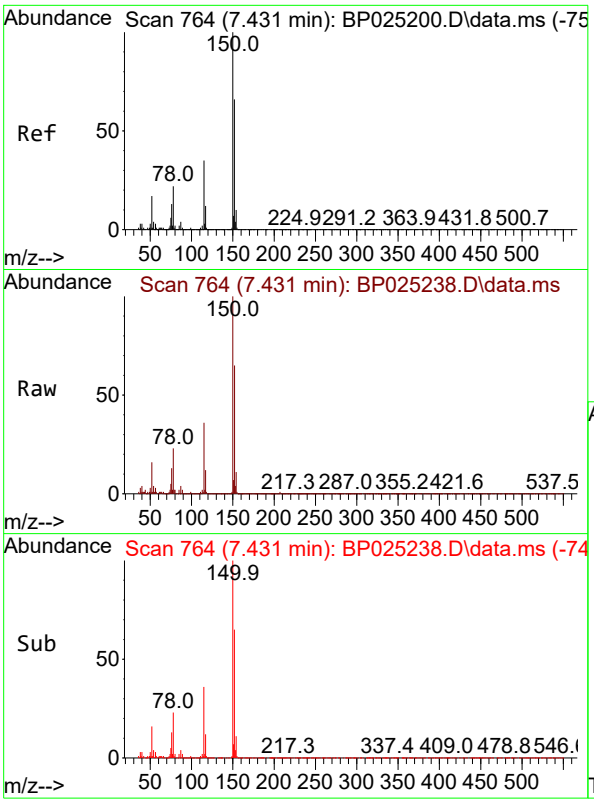
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025238.D
Acq On : 24 Jul 2025 12:01
Operator : CG/JU
Sample : Q2481-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Quant Time: Jul 24 12:38:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



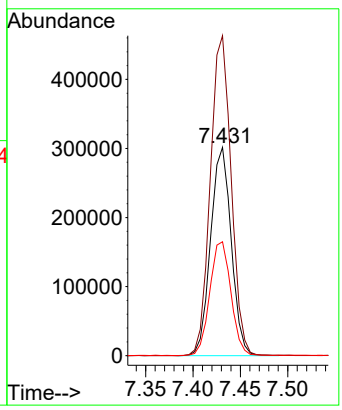


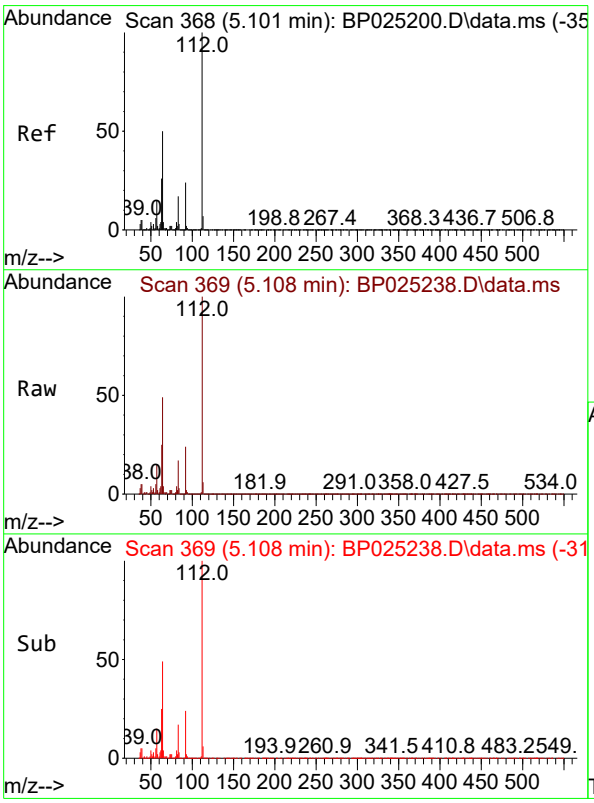
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Tgt Ion:152 Resp: 456629

Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.9	182.9
115	54.7	43.0	64.6

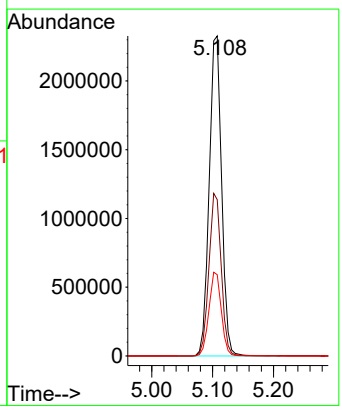


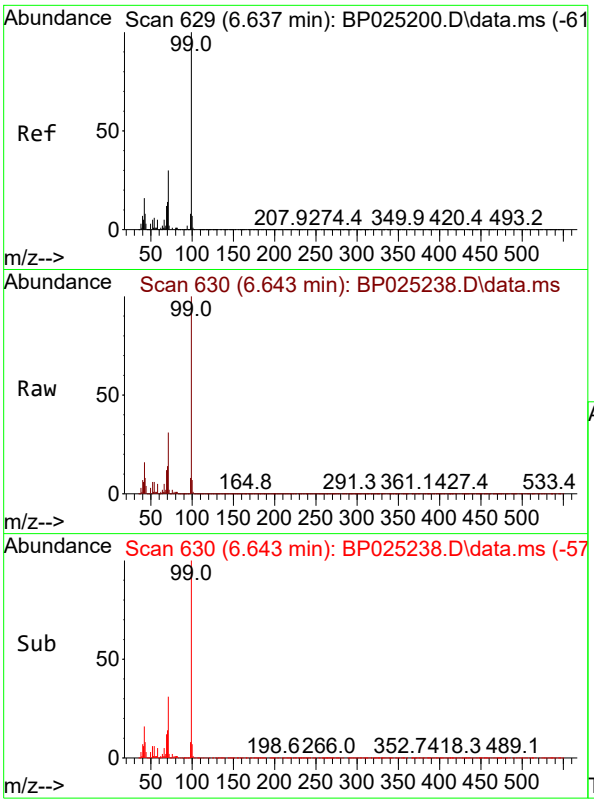


#5
2-Fluorophenol
Concen: 121.686 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:112 Resp: 3288597

Ion	Ratio	Lower	Upper
112	100		
64	48.8	39.8	59.6
63	25.4	20.5	30.7



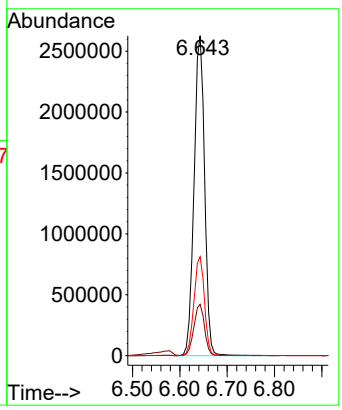


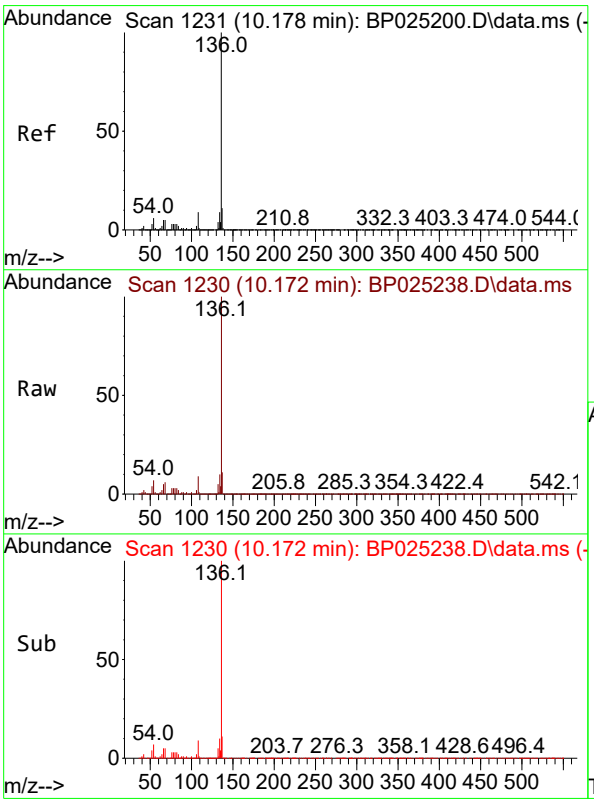
#7
Phenol-d6
Concen: 121.612 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Tgt Ion: 99 Resp: 4070585

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	30.9	24.2	36.2

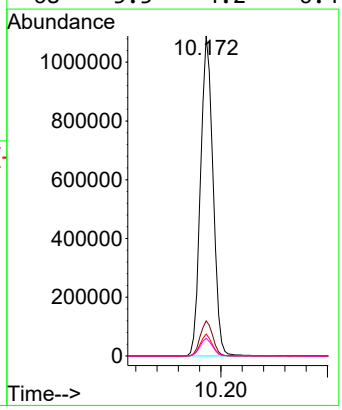


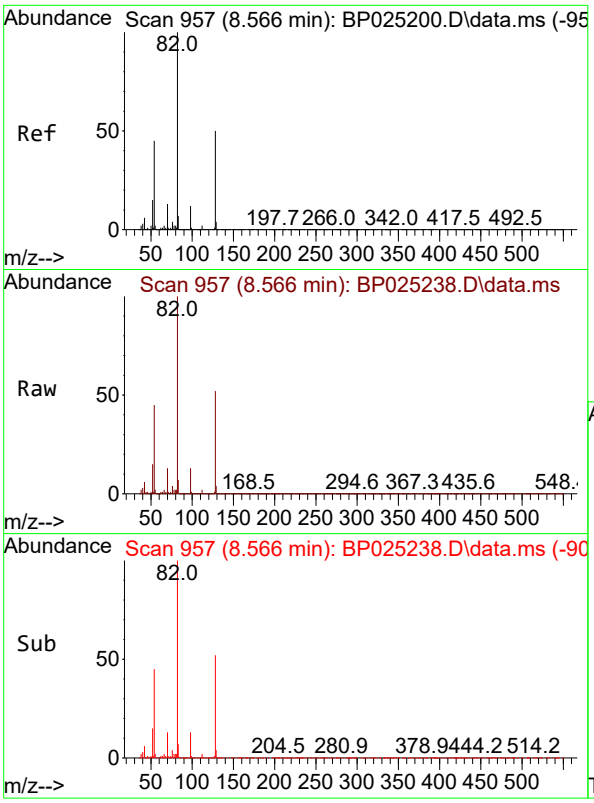


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:136 Resp: 1774209

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.1	7.7
68	5.5	4.2	6.4



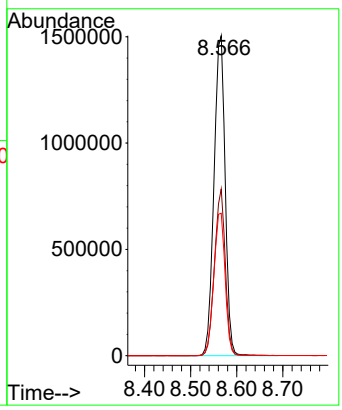


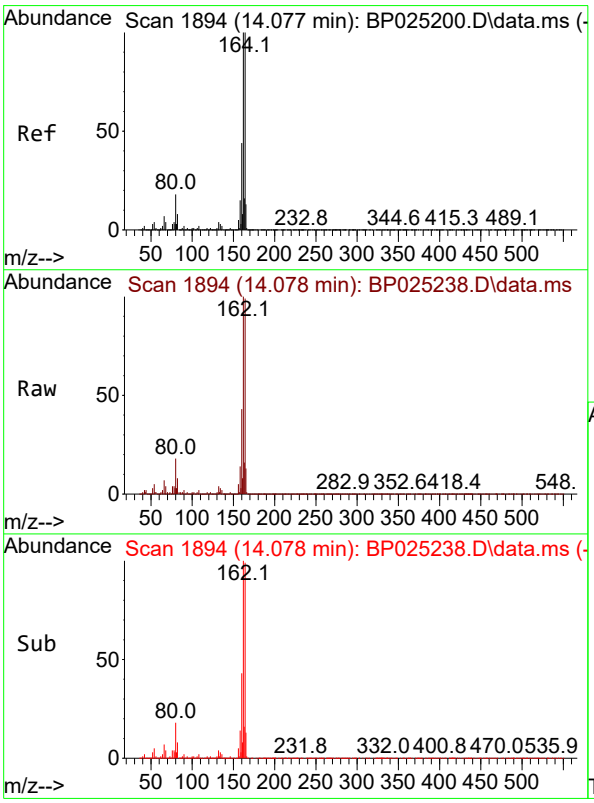
#23
Nitrobenzene-d5
Concen: 79.275 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Tgt Ion: 82 Resp: 2530895

Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.2	60.4
54	44.5	36.3	54.5

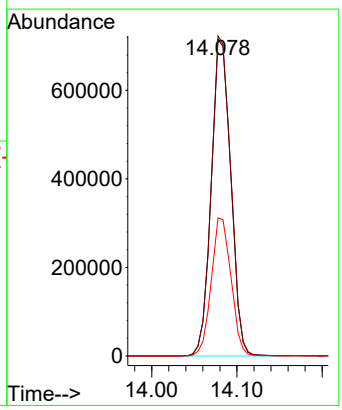


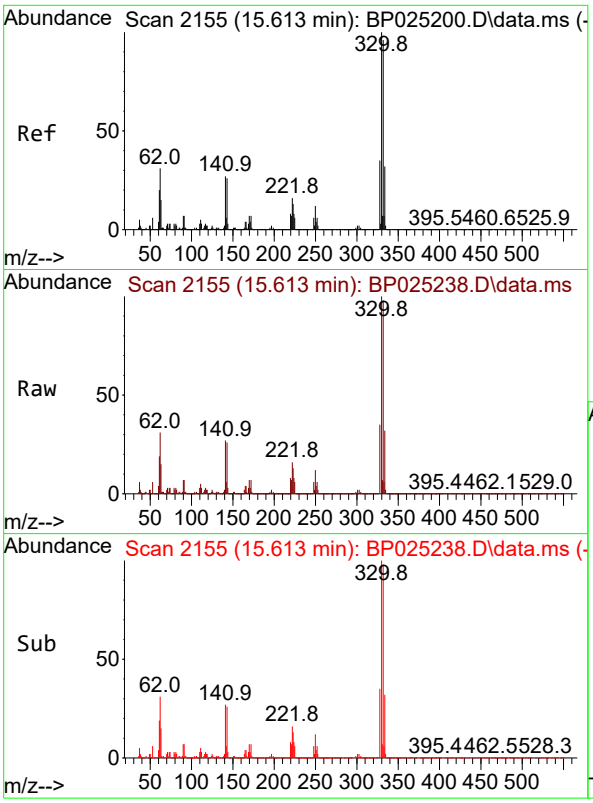


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:164 Resp: 1140668

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	43.6	35.7	53.5



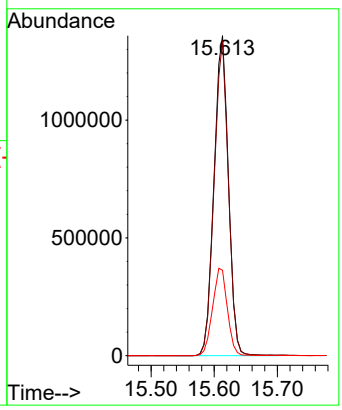


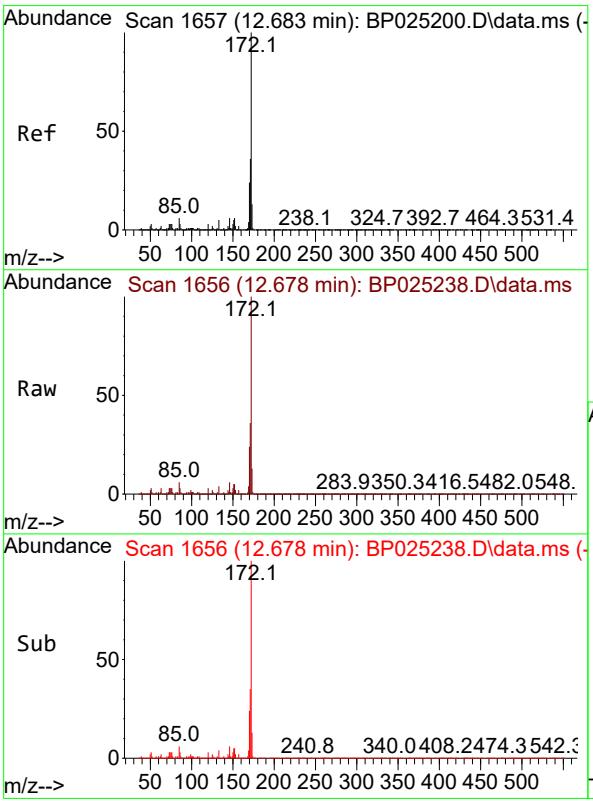
#42
2,4,6-Tribromophenol
Concen: 128.281 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Tgt Ion:330 Resp: 2157162

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	27.9	22.4	33.6

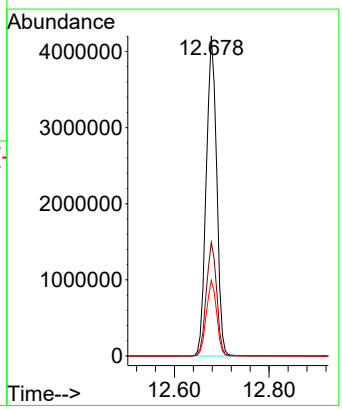


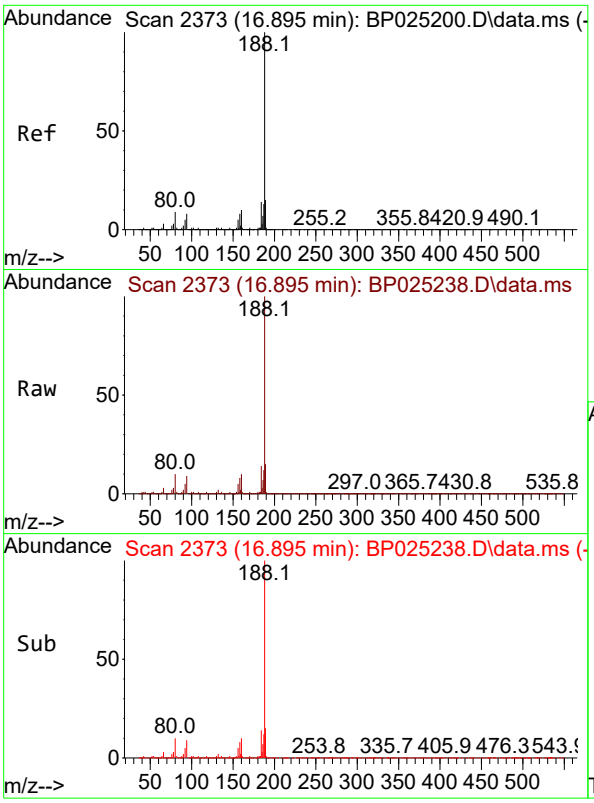


#45
2-Fluorobiphenyl
Concen: 79.457 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:172 Resp: 6428815

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.6	19.2	28.8



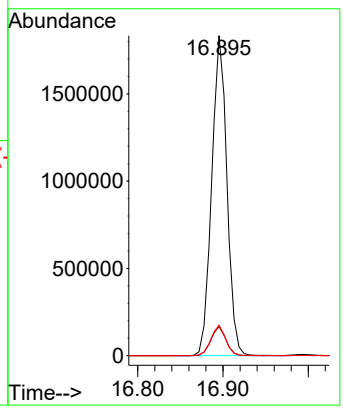


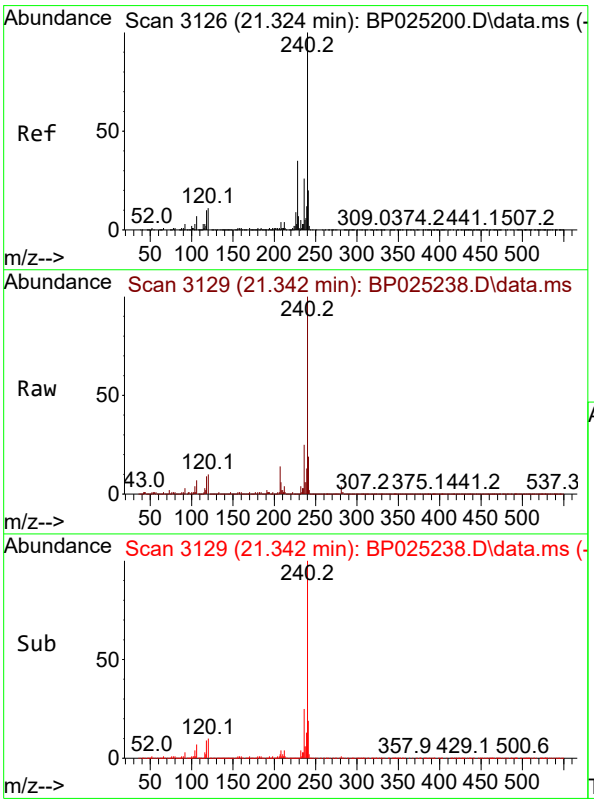
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Tgt Ion:188 Resp: 2268387

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.6	7.3	10.9

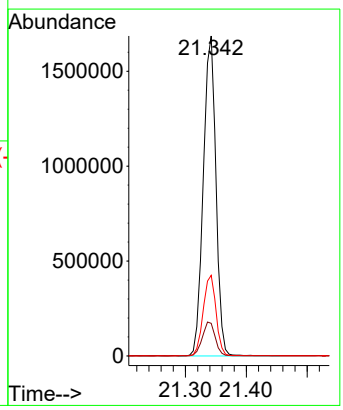


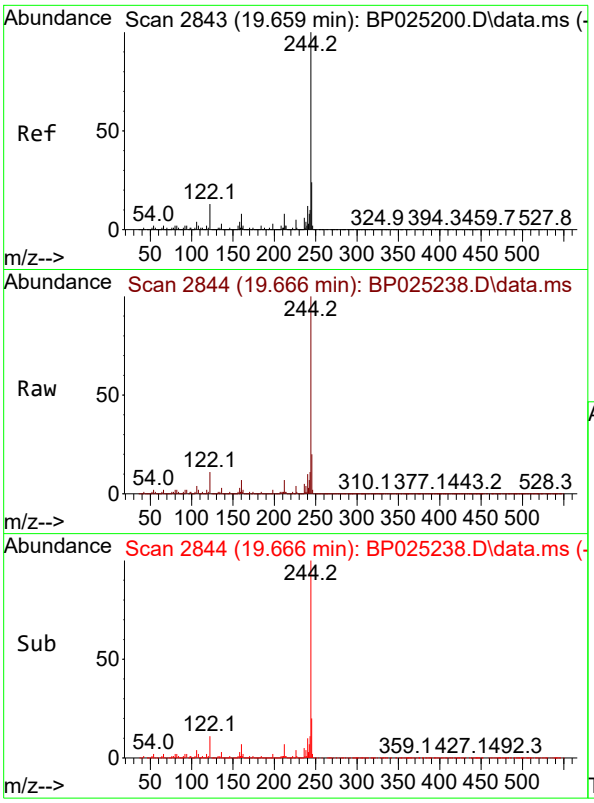


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:240 Resp: 2431543

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.8	13.2
236	25.2	20.9	31.3



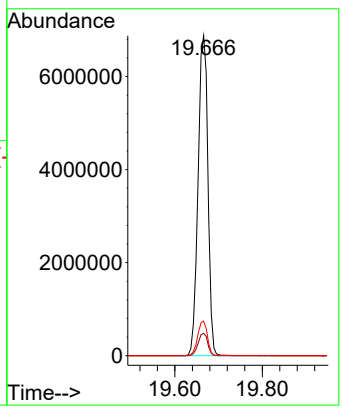


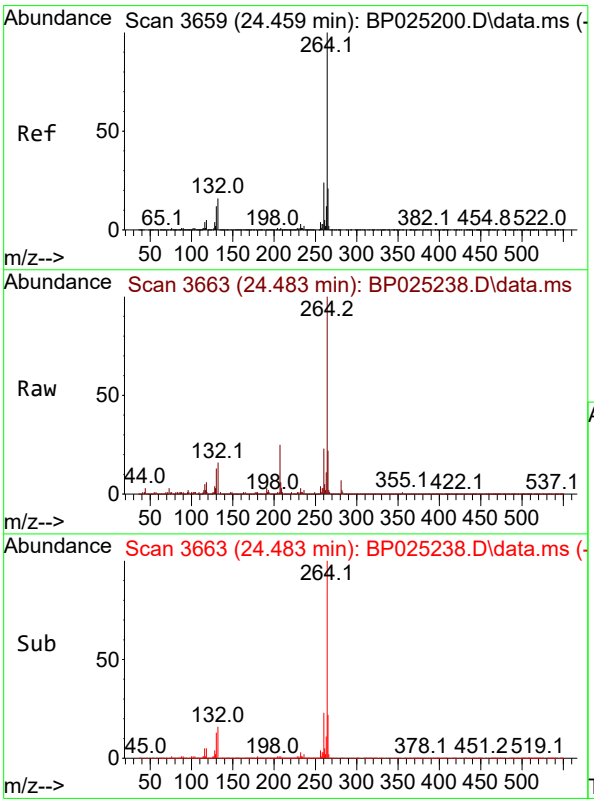
#79
Terphenyl-d14
Concen: 87.619 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Instrument :
BNA_P
ClientSampleId :
CC0627-AL

Tgt Ion:244 Resp:10792574

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	10.8	10.3	15.5

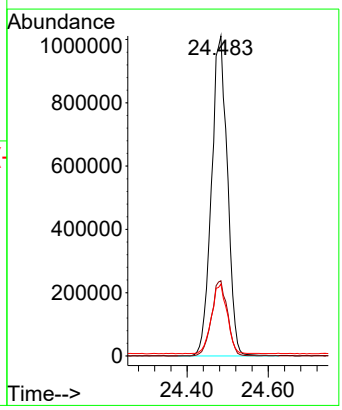




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BP025238.D
Acq: 24 Jul 2025 12:01

Tgt Ion:264 Resp: 2751178

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.4	17.5	26.3



Sample Results: **BP025245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025245.D
Acq On : 24 Jul 2025 16:50
Operator : CG/JU
Sample : Q2481-13 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 17:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	459498	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1166103	20.000	ng	# 0.00
39) Acenaphthene-d10	14.095	164	4344m	20.000	ng	0.02
64) Phenanthrene-d10	16.889	188	1393965	20.000	ng	# 0.00
76) Chrysene-d12	21.324	240	1310534	20.000	ng	# 0.00
86) Perylene-d12	24.471	264	8832	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.131	112	60381	2.220	ng	0.03
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	8.566	82	329335	15.695	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	197724	3087.501	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	786313	2551.923	ng	0.00
79) Terphenyl-d14	19.654	244	1050314	15.821	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.196	82	200737	5.440	ng	# 98

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

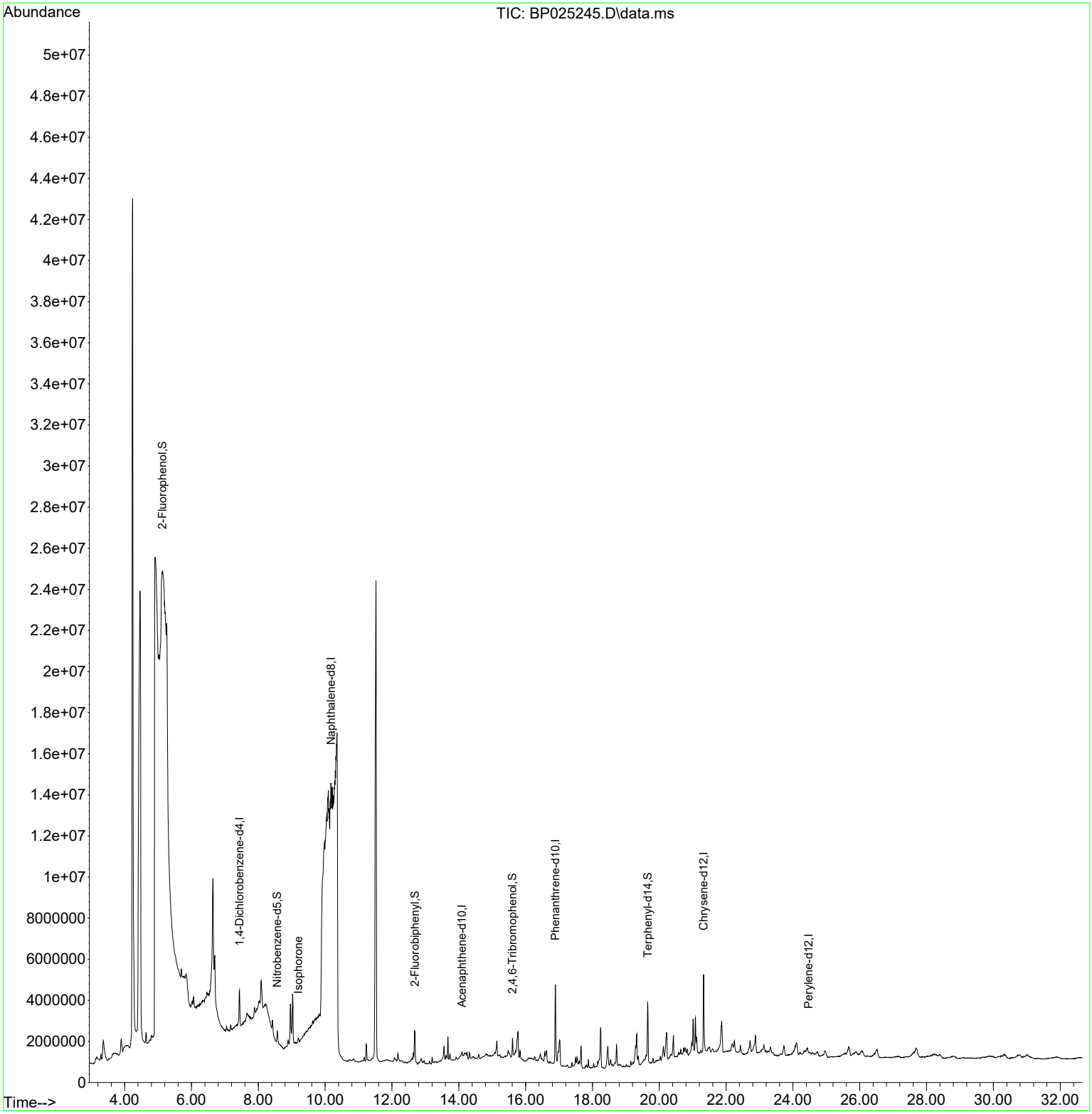
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025245.D
Acq On : 24 Jul 2025 16:50
Operator : CG/JU
Sample : Q2481-13 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

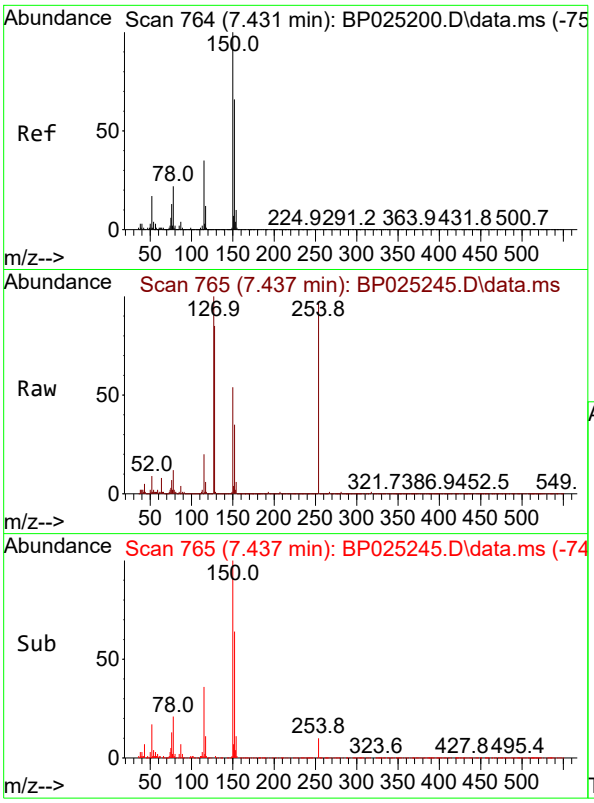
Quant Time: Jul 24 17:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

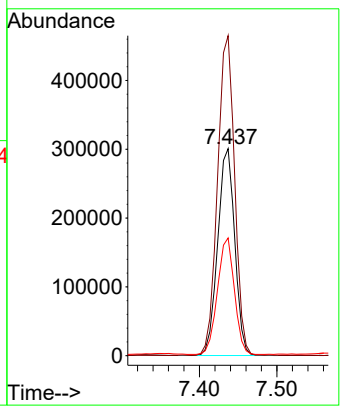




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:152 Resp: 45949

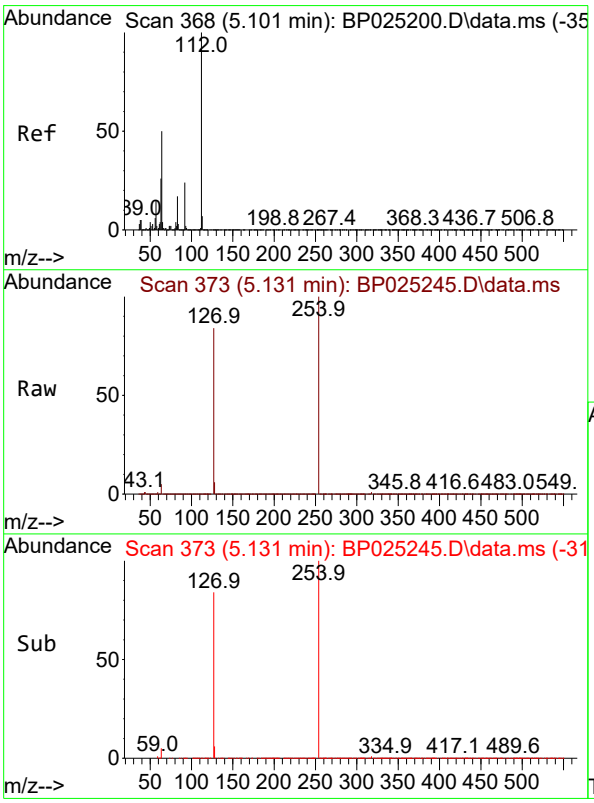
Ion	Ratio	Lower	Upper
152	100		
150	154.5	121.9	182.9
115	56.8	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

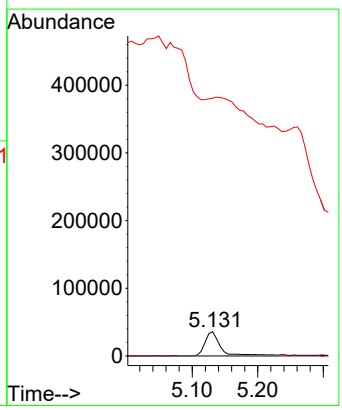
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

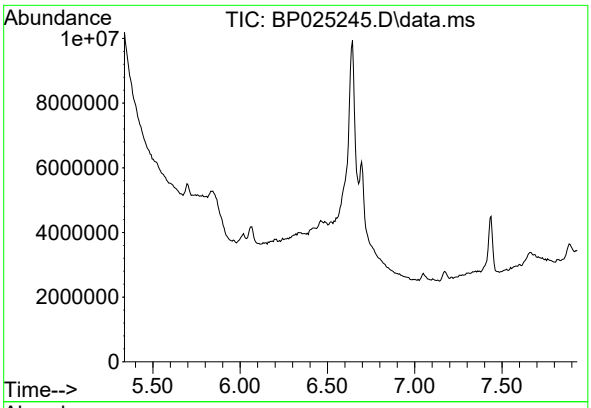


#5
2-Fluorophenol
Concen: 2.220 ng
RT: 5.131 min Scan# 373
Delta R.T. 0.030 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:112 Resp: 60381

Ion	Ratio	Lower	Upper
112	100		
64	0.0	39.8	59.6#
63	1058.0	20.5	30.7#





#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.64 min

Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

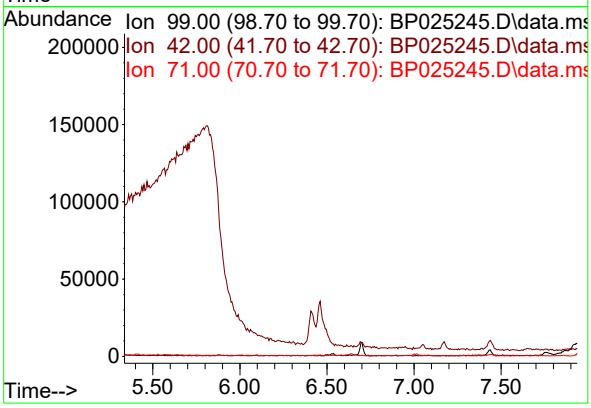
Tgt Ion: 99

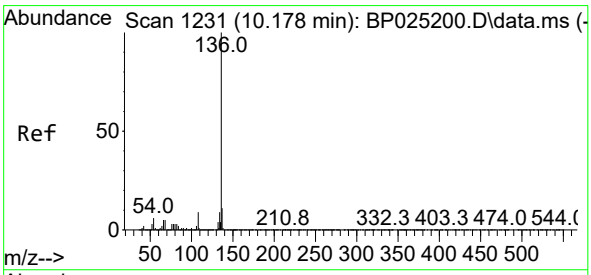
Sig	Exp Ratio
99	100
42	15.6
71	30.2

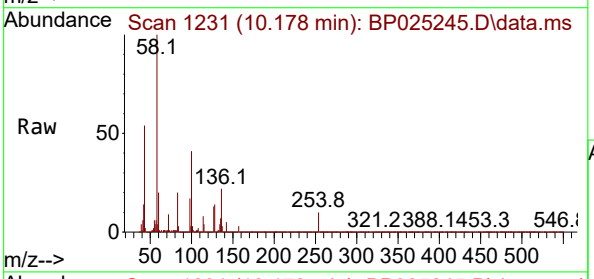
Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

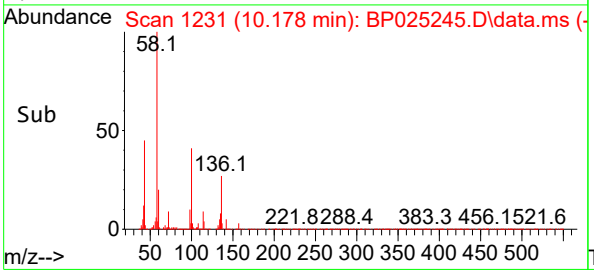
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025





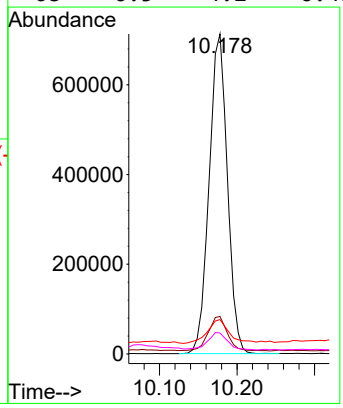


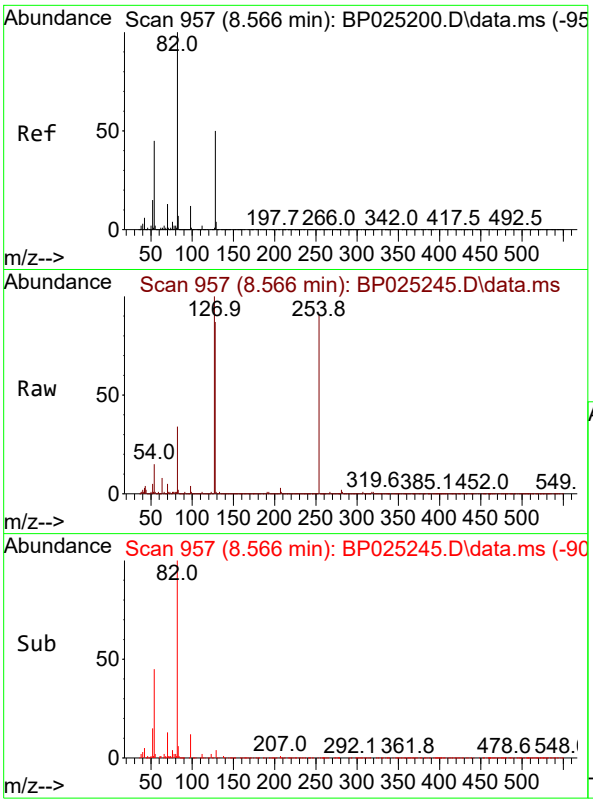


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:136 Resp: 1166103

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.8	5.1	7.7#
68	6.5	4.2	6.4#

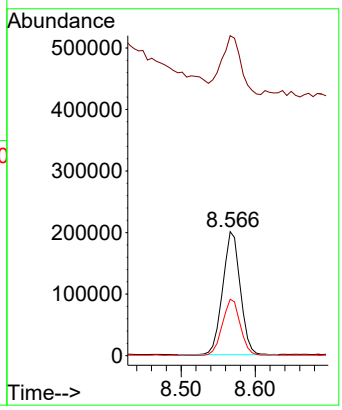




#23
Nitrobenzene-d5
Concen: 15.695 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion: 82 Resp: 32933

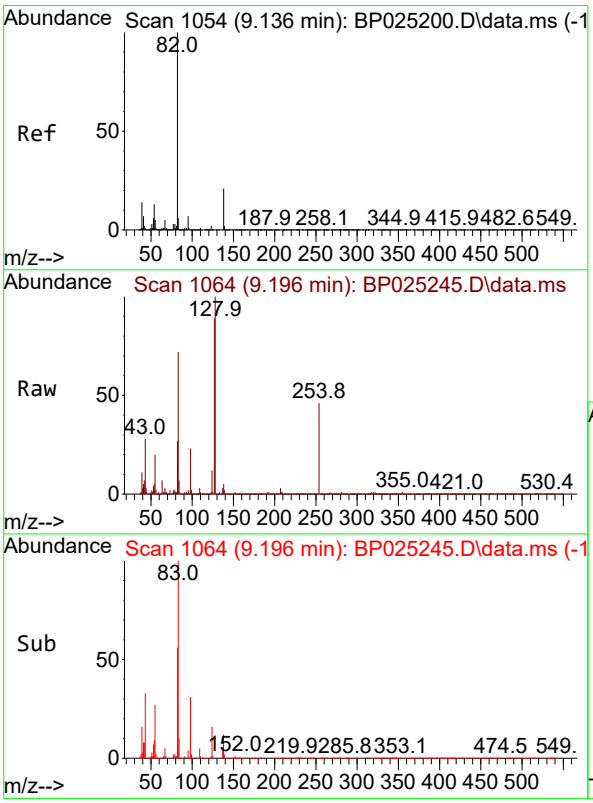
Ion	Ratio	Lower	Upper
82	100		
128	258.0	40.2	60.4#
54	45.5	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

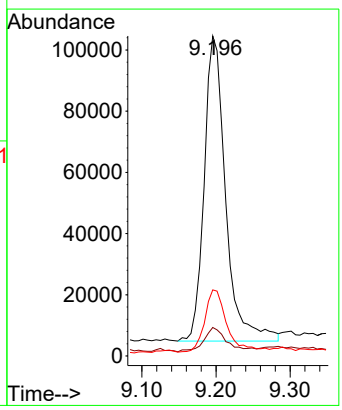
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

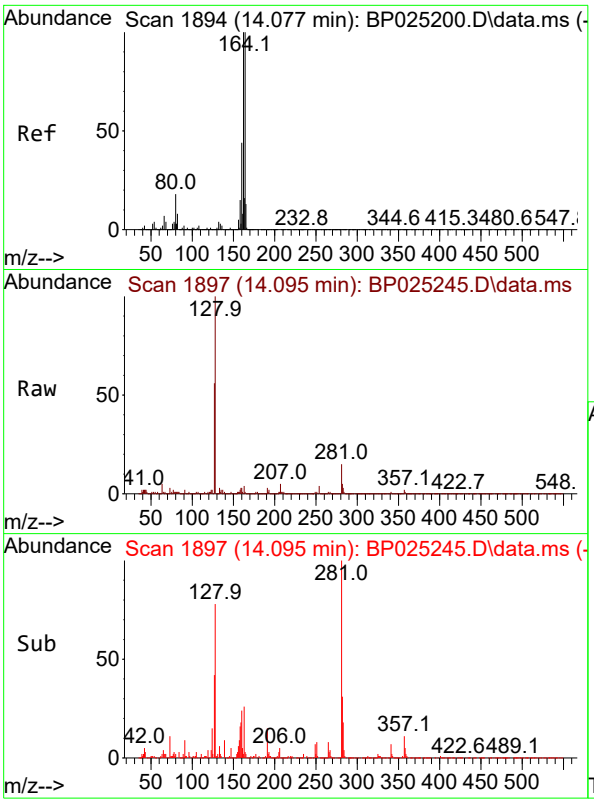


#25
Isophorone
Concen: 5.440 ng
RT: 9.196 min Scan# 1064
Delta R.T. 0.059 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion: 82 Resp: 200737

Ion	Ratio	Lower	Upper
82	100		
95	8.9	5.6	8.4#
138	20.7	16.6	25.0

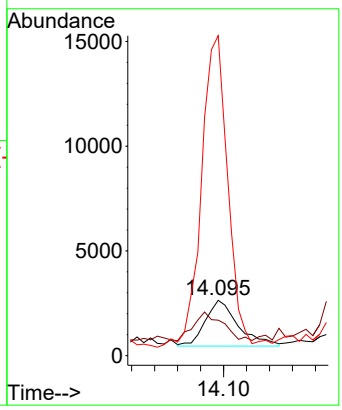




#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 14.095 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

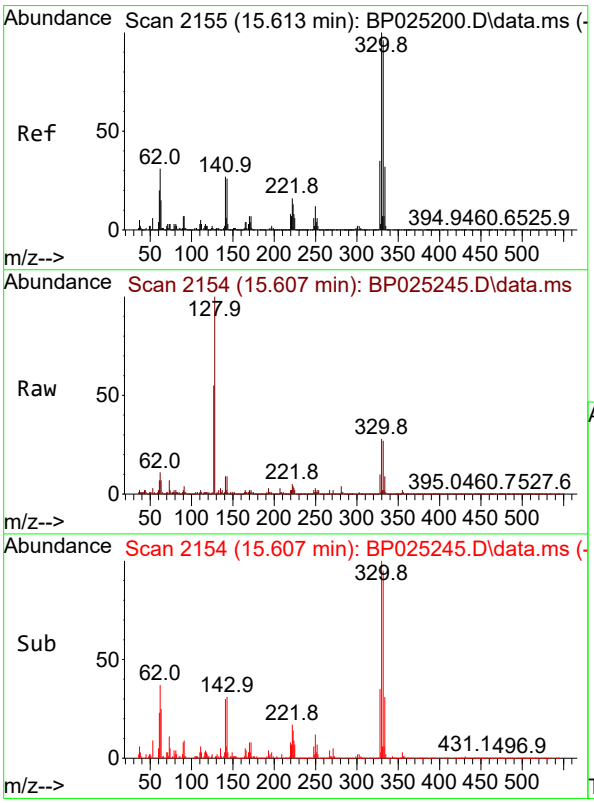
Tgt Ion:164 Resp: 434

Ion	Ratio	Lower	Upper
164	100		
162	64.1	80.3	120.5#
160	577.3	35.7	53.5#



Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

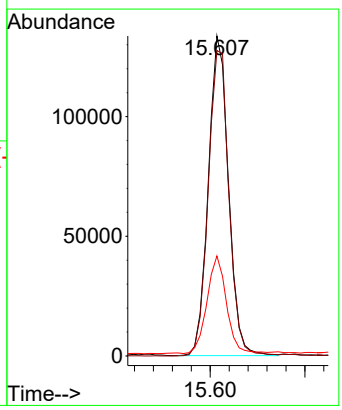
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

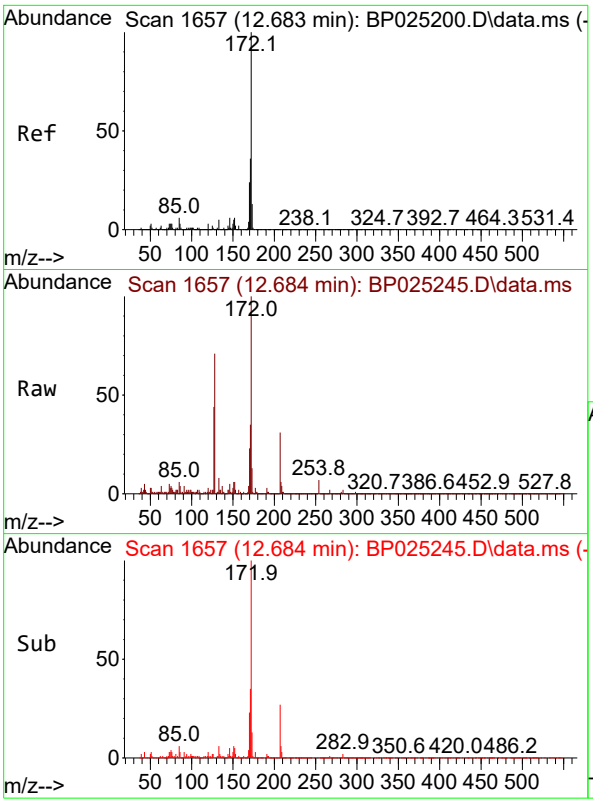


#42
2,4,6-Tribromophenol
Concen: 3087.501 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:330 Resp: 197724

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	29.7	22.4	33.6

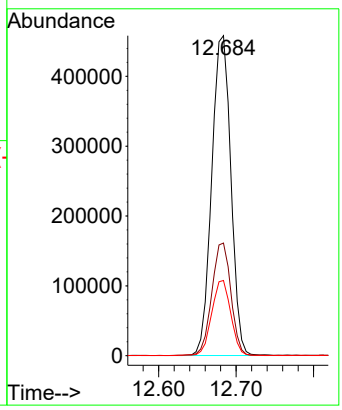




#45
2-Fluorobiphenyl
Concen: 2551.923 ng
RT: 12.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:172 Resp: 78631

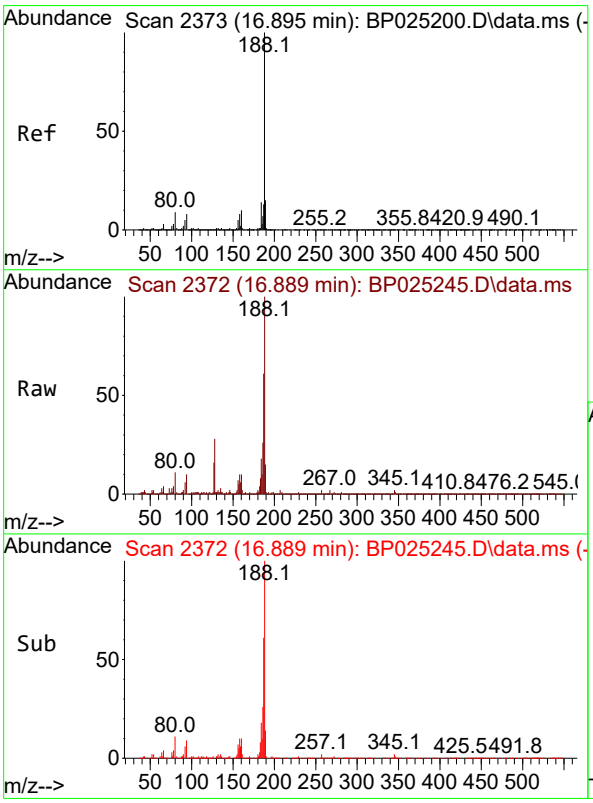
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.5	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

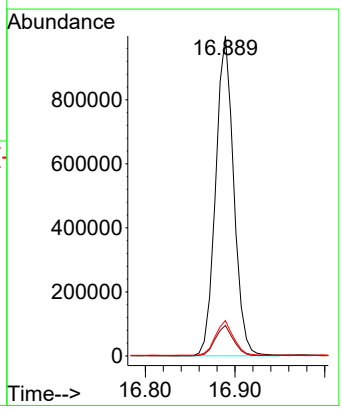
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

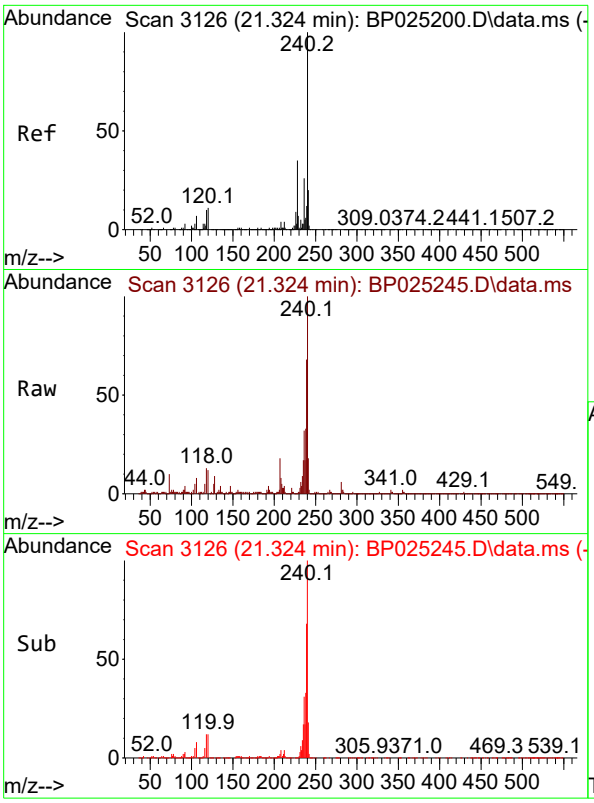


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:188 Resp: 1393965

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.8	10.2
80	11.1	7.3	10.9#

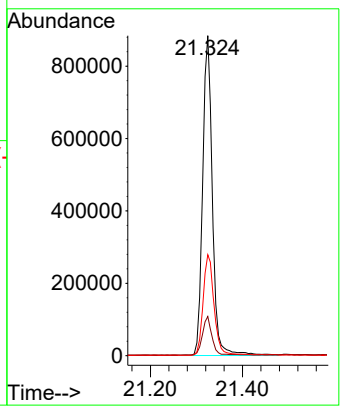




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:240 Resp: 131053

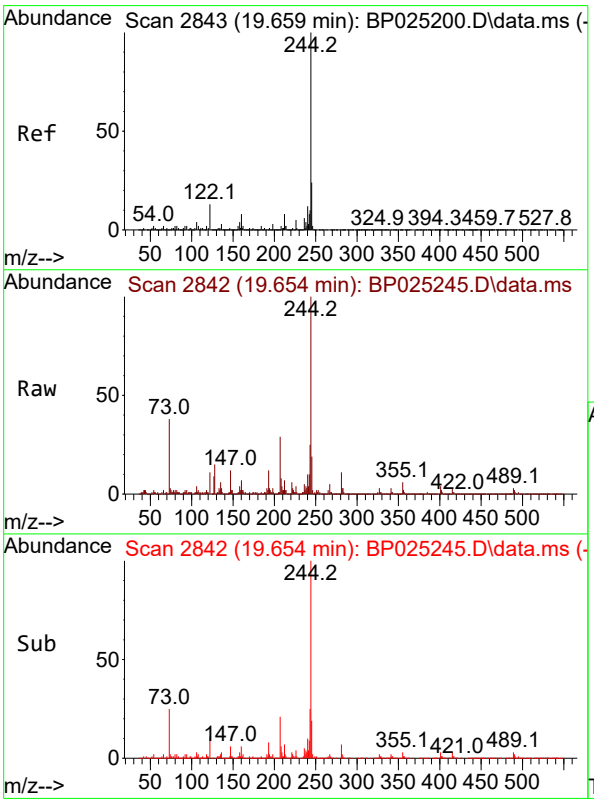
Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.8	13.2
236	31.5	20.9	31.3



Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

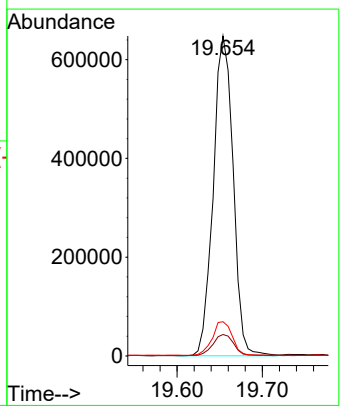
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

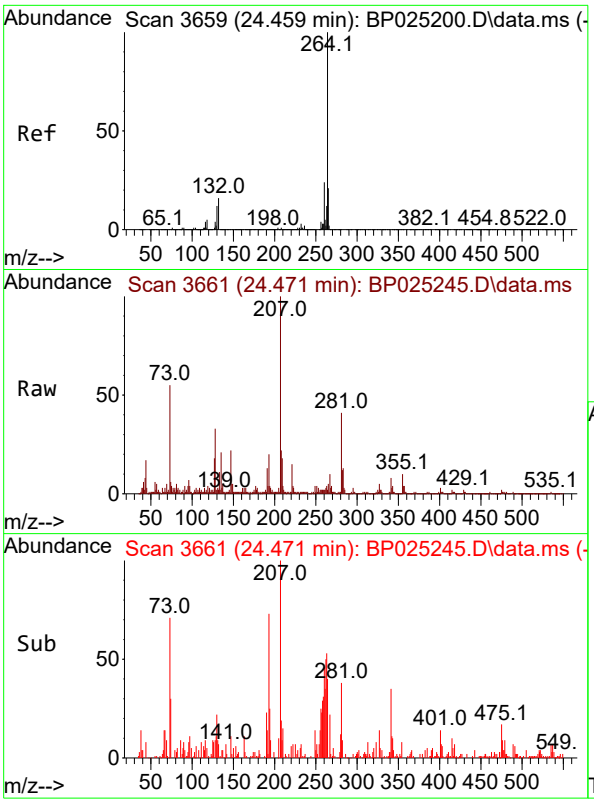


#79
Terphenyl-d14
Concen: 15.821 ng
RT: 19.654 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:244 Resp: 1050314

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	10.7	10.3	15.5

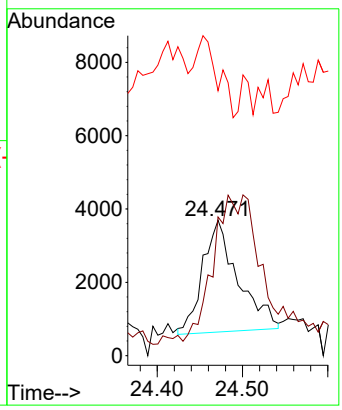




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025245.D
Acq: 24 Jul 2025 16:50

Tgt Ion:264 Resp: 883

Ion	Ratio	Lower	Upper
264	100		
260	102.5	19.0	28.6#
265	195.9	17.5	26.3#



Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXPL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025241.D
Acq On : 24 Jul 2025 14:05
Operator : CG/JU
Sample : Q2481-14 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Quant Time: Jul 24 14:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

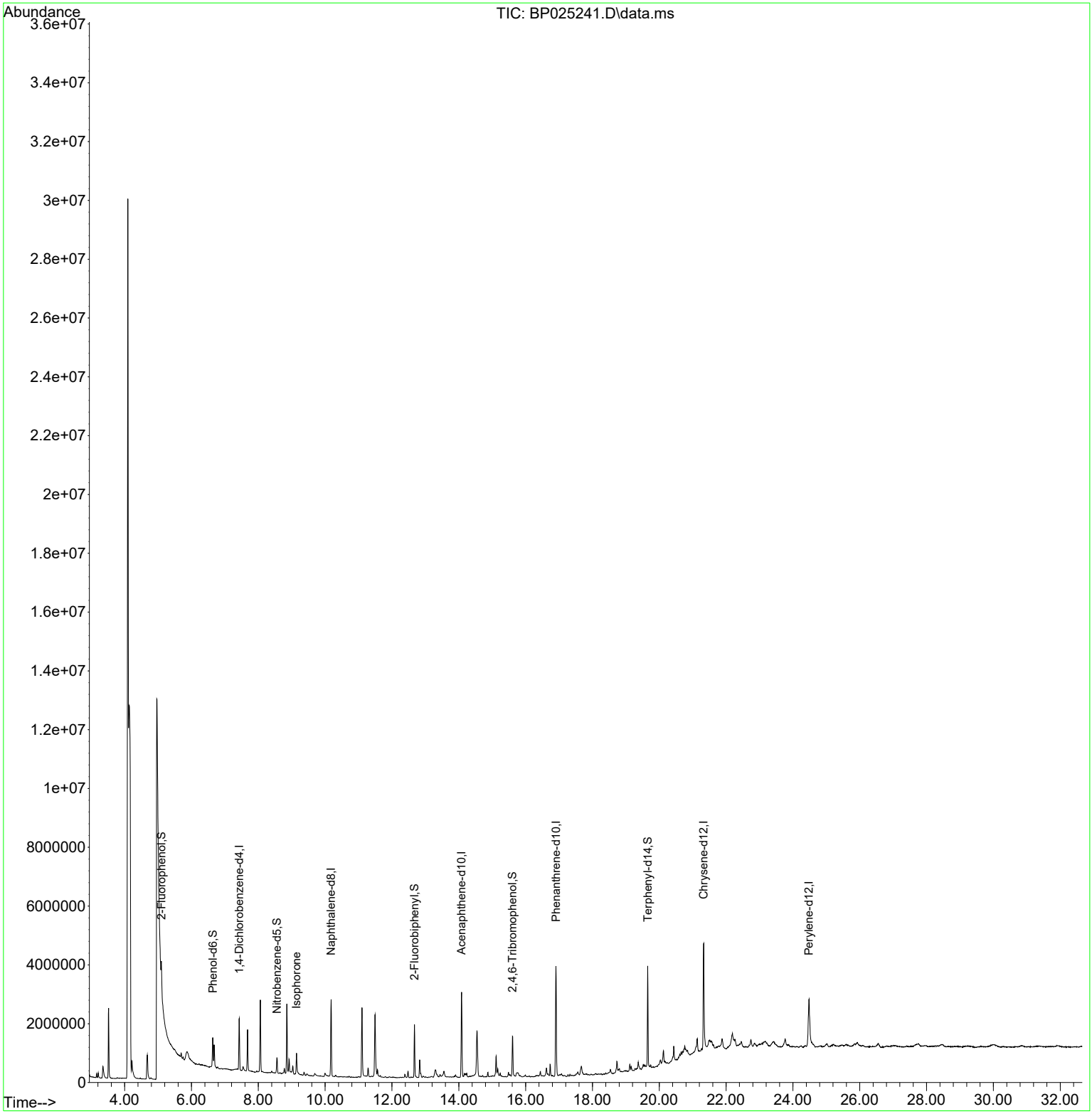
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	487721	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2049487	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	202910	20.000	ng	# 0.00
64) Phenanthrene-d10	16.907	188	2655105	20.000	ng	0.01
76) Chrysene-d12	21.324	240	2515211	20.000	ng	0.00
86) Perylene-d12	24.477	264	759744	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	338606	11.731	ng	0.00
7) Phenol-d6	6.637	99	243063	6.799	ng	0.00
23) Nitrobenzene-d5	8.554	82	318067	8.625	ng	-0.01
42) 2,4,6-Tribromophenol	15.607	330	209664	70.090	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	866585	60.210	ng	-0.01
79) Terphenyl-d14	19.654	244	1432078	11.239	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.143	82	624351	9.627	ng	98

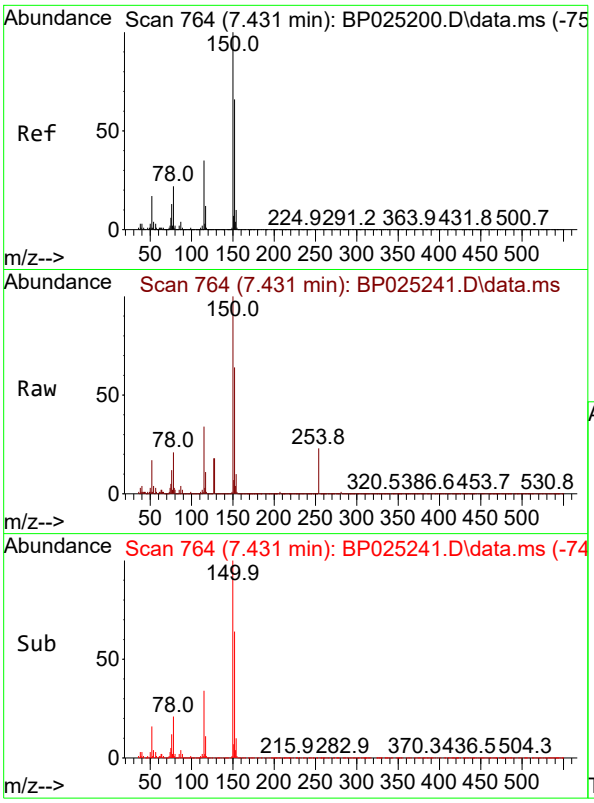
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025241.D
Acq On : 24 Jul 2025 14:05
Operator : CG/JU
Sample : Q2481-14 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Quant Time: Jul 24 14:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



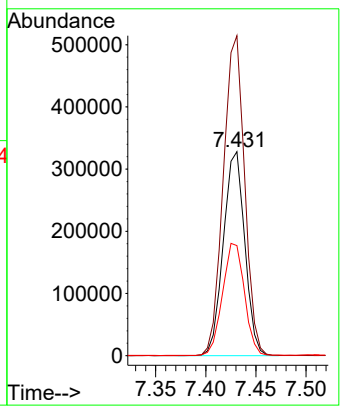


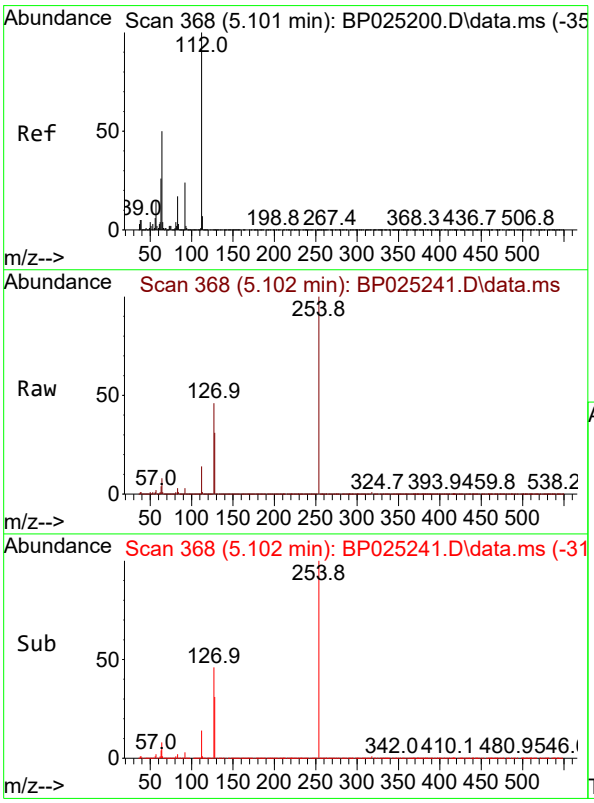
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion:152 Resp: 487721

Ion	Ratio	Lower	Upper
152	100		
150	156.9	121.9	182.9
115	54.0	43.0	64.6

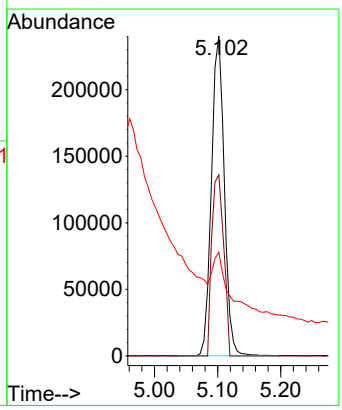


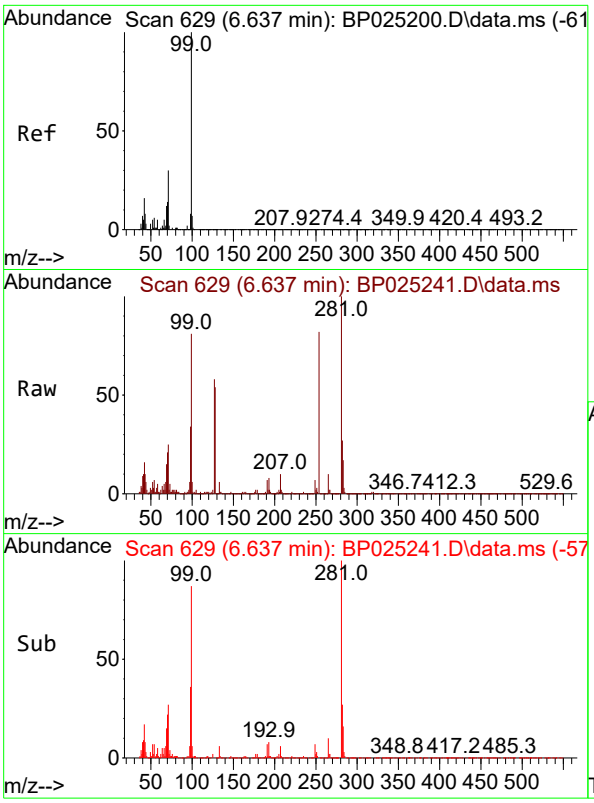


#5
2-Fluorophenol
Concen: 11.731 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion:112 Resp: 338606

Ion	Ratio	Lower	Upper
112	100		
64	56.5	39.8	59.6
63	32.4	20.5	30.7#



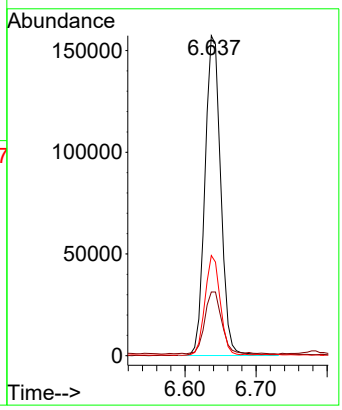


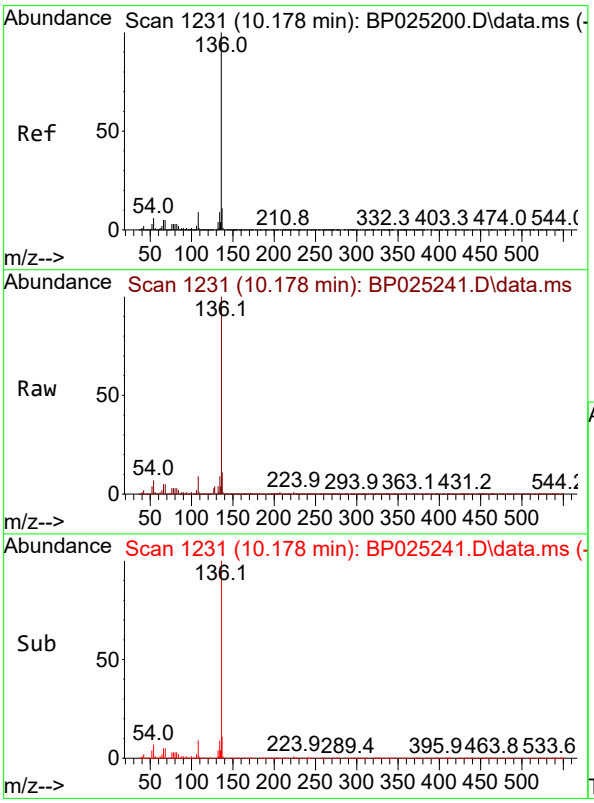
#7
Phenol-d6
Concen: 6.799 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion: 99 Resp: 243063

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.5	18.7#
71	31.3	24.2	36.2

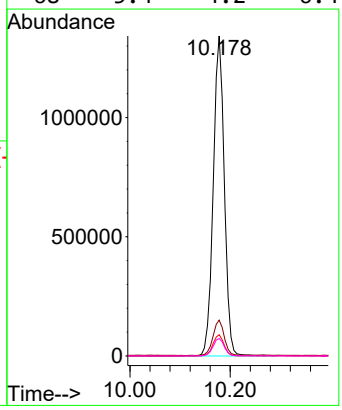


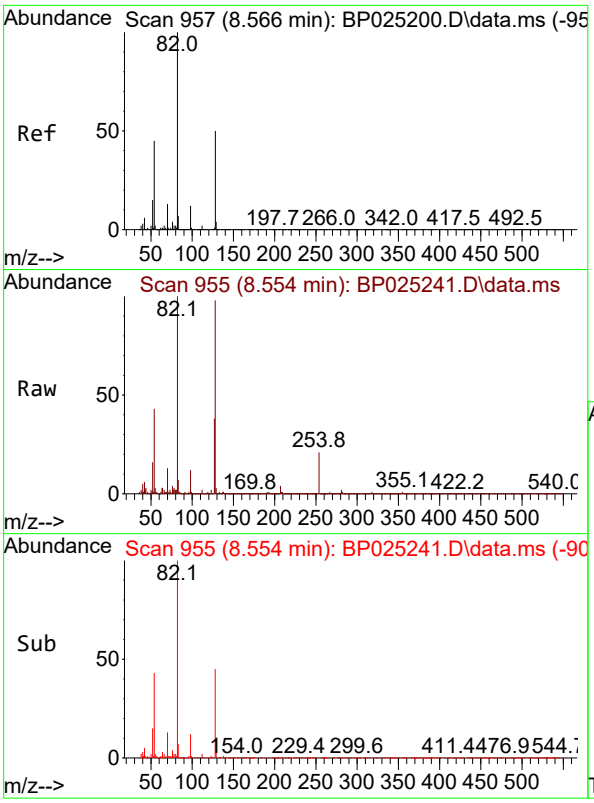


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion:136 Resp: 2049487

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.7	5.1	7.7
68	5.4	4.2	6.4



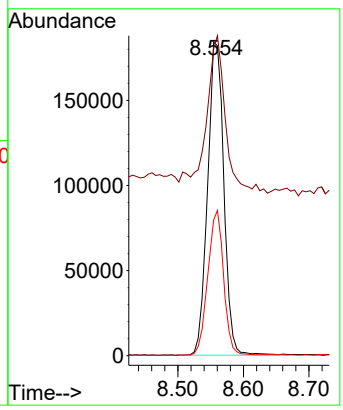


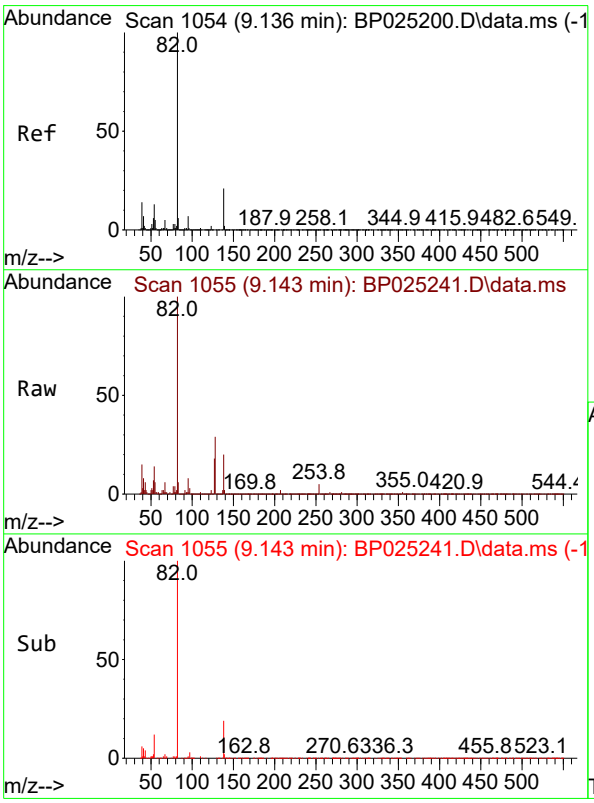
#23
Nitrobenzene-d5
Concen: 8.625 ng
RT: 8.554 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion: 82 Resp: 318067

Ion	Ratio	Lower	Upper
82	100		
128	97.7	40.2	60.4#
54	43.2	36.3	54.5

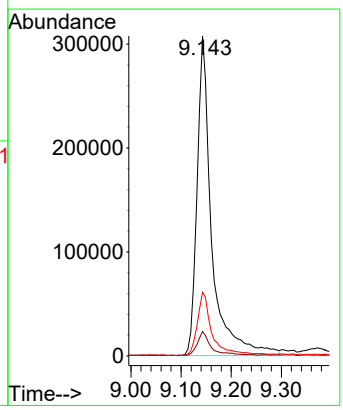


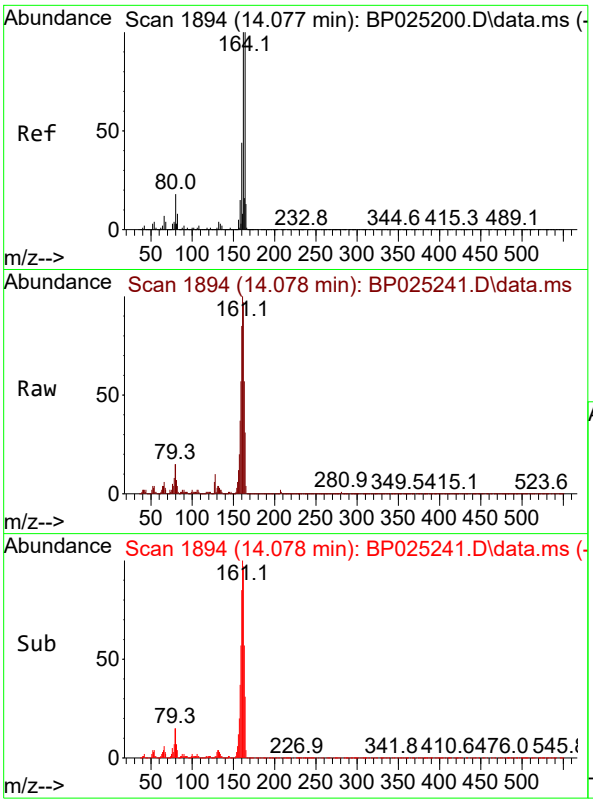


#25
Isophorone
Concen: 9.627 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion: 82 Resp: 624351

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.6	8.4
138	19.9	16.6	25.0



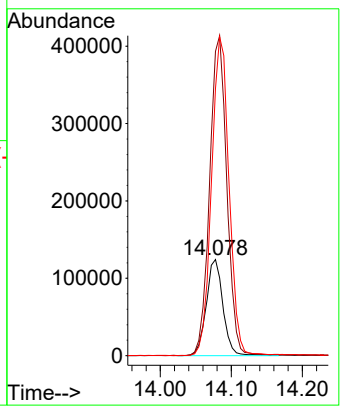


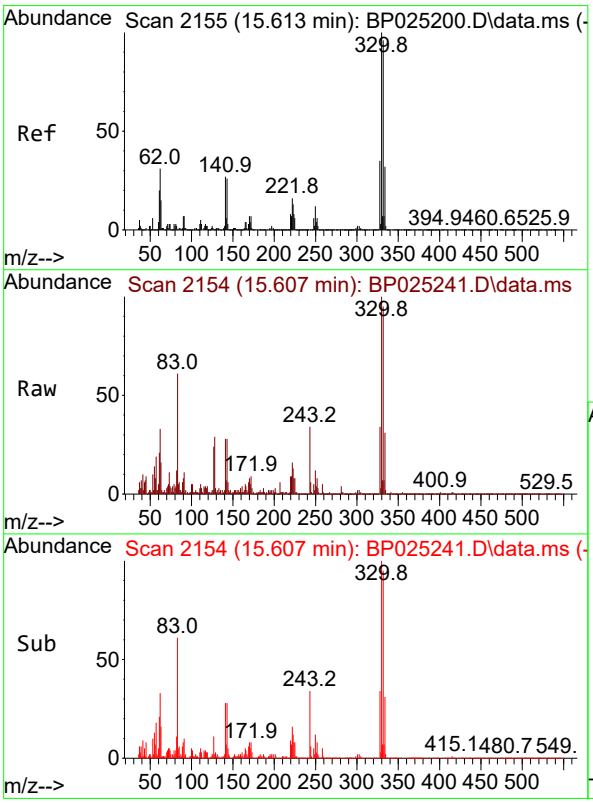
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion:164 Resp: 202910

Ion	Ratio	Lower	Upper
164	100		
162	316.6	80.3	120.5#
160	277.8	35.7	53.5#

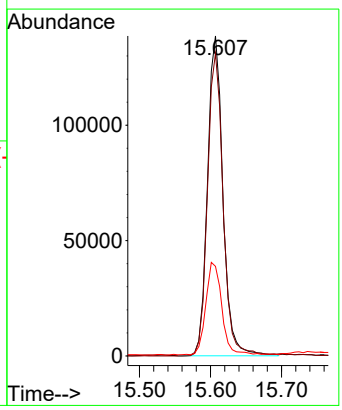


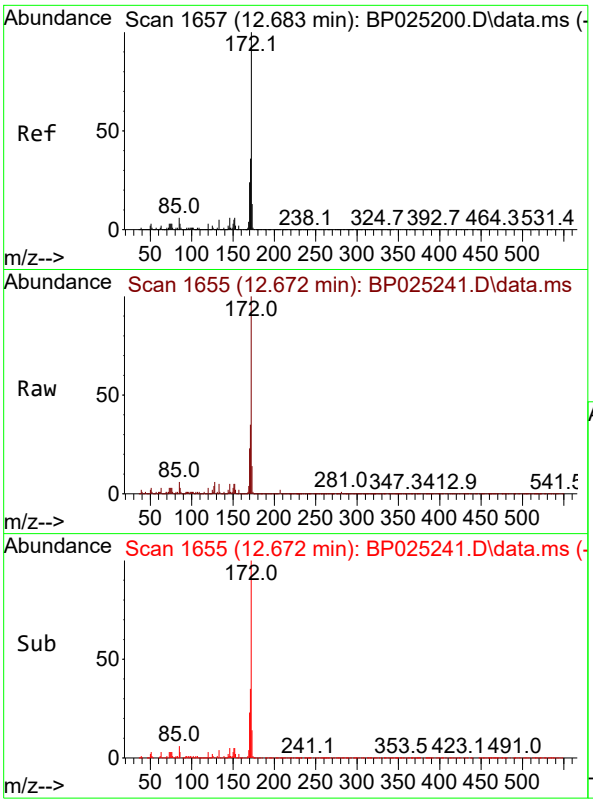


#42
2,4,6-Tribromophenol
Concen: 70.090 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion:330 Resp: 209664

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	29.8	22.4	33.6



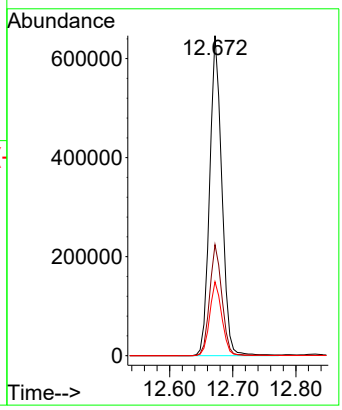


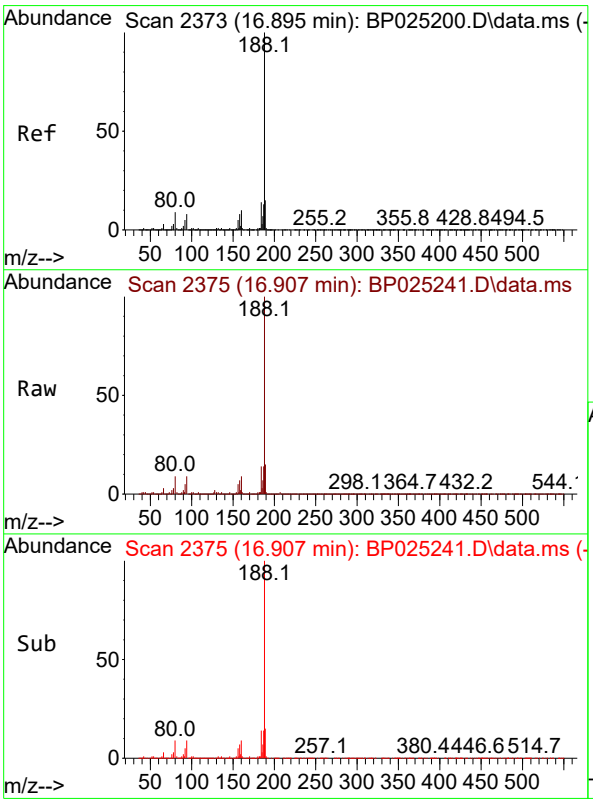
#45
2-Fluorobiphenyl
Concen: 60.210 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion:172 Resp: 866585

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	23.1	19.2	28.8

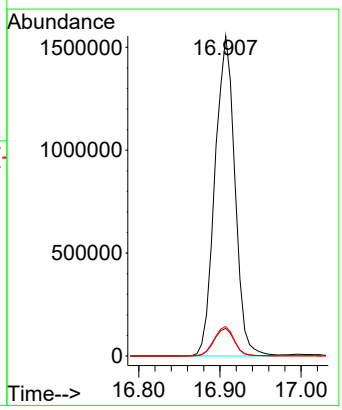


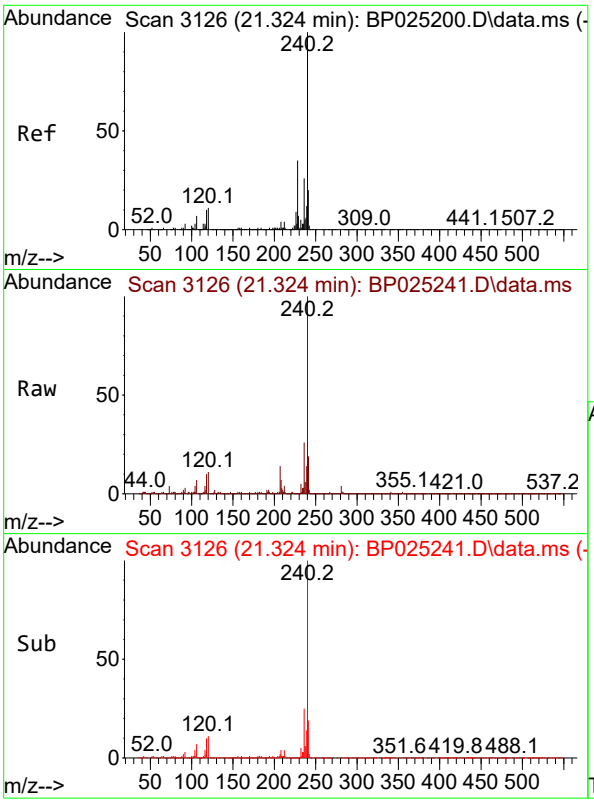


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion:188 Resp: 2655105

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.2	7.3	10.9



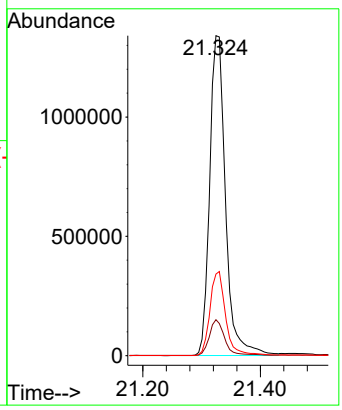


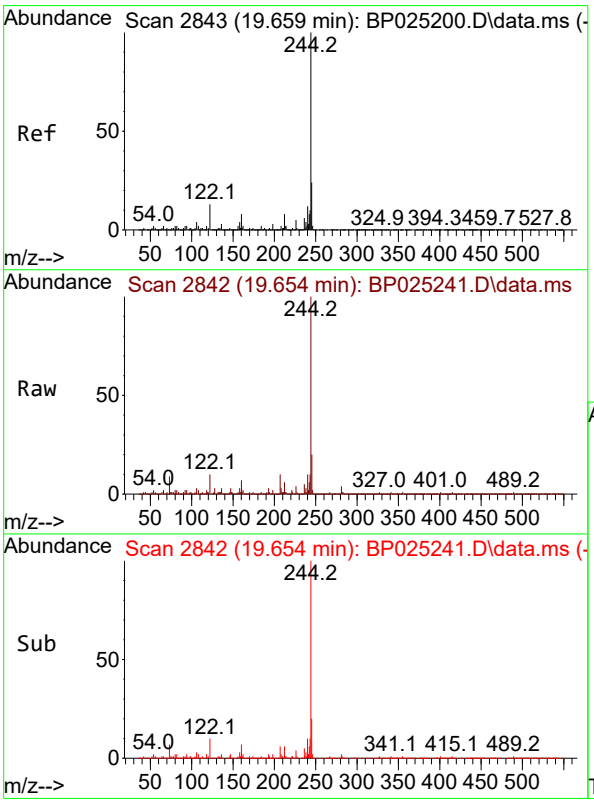
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion:240 Resp: 2515211

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.5	20.9	31.3

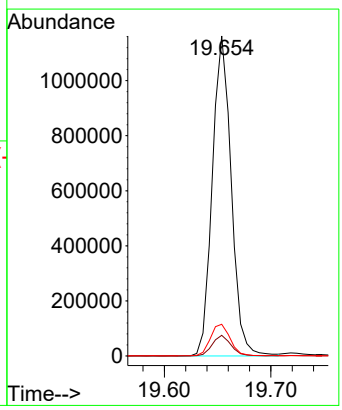


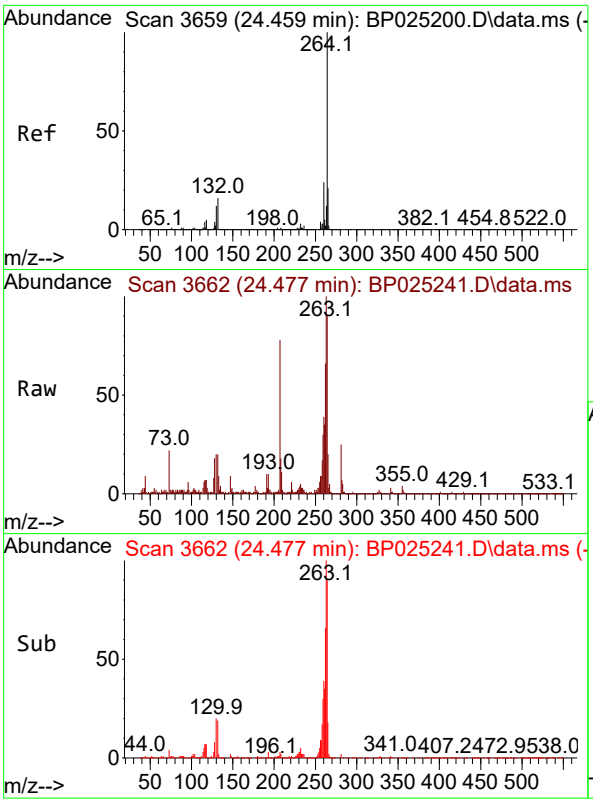


#79
Terphenyl-d14
Concen: 11.239 ng
RT: 19.654 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion:244 Resp: 1432078

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.6	9.8#
122	9.9	10.3	15.5#



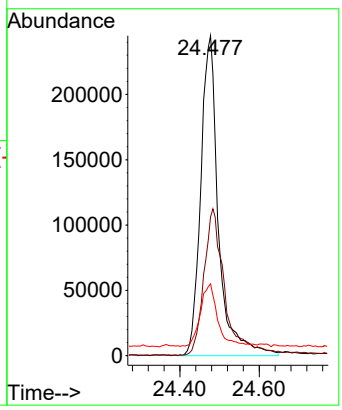


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion:264 Resp: 759744

Ion	Ratio	Lower	Upper
264	100		
260	43.4	19.0	28.6#
265	22.5	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025239.D
Acq On : 24 Jul 2025 12:43
Operator : CG/JU
Sample : Q2481-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Quant Time: Jul 24 13:21:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

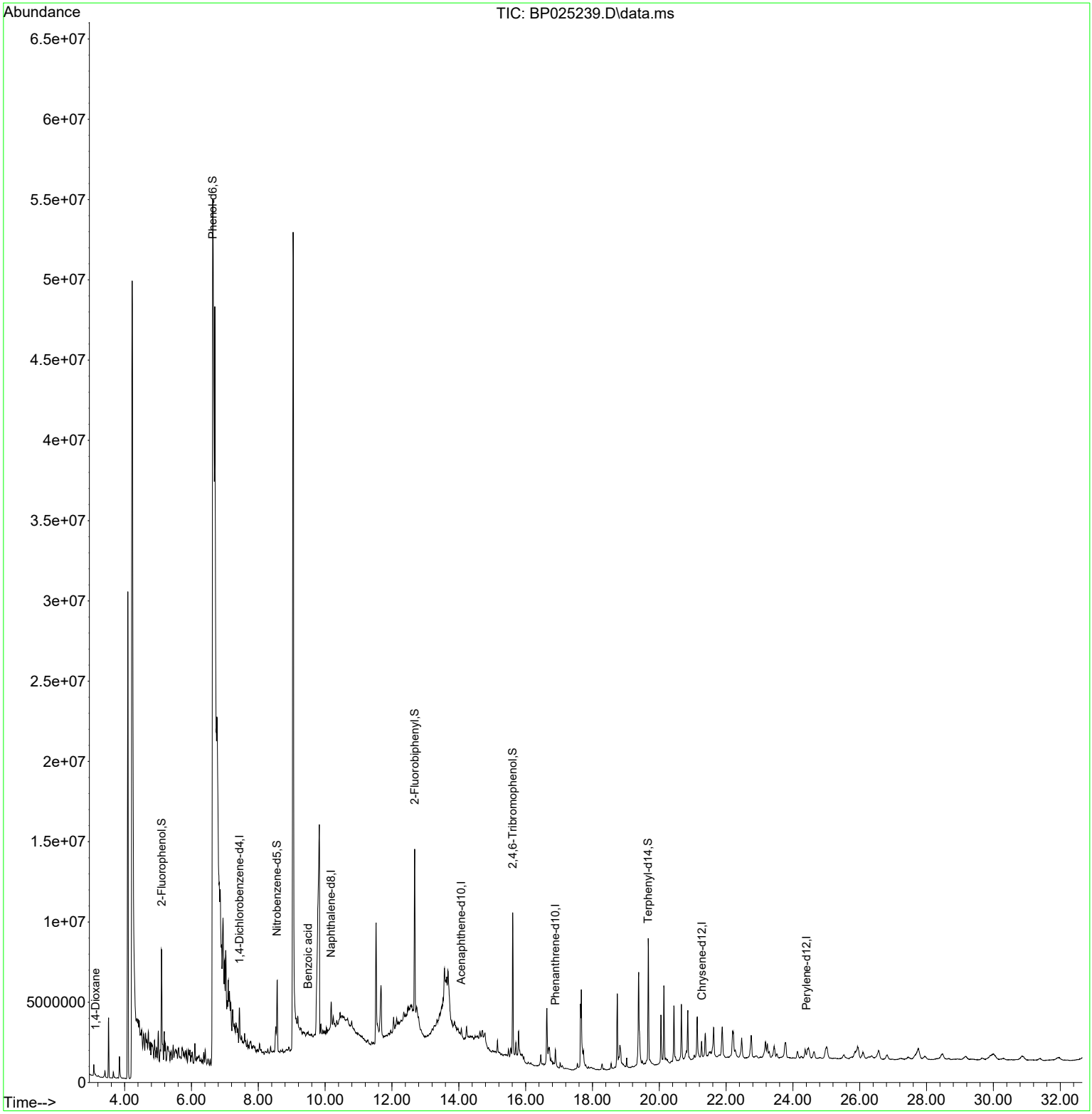
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	454140	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1182090	20.000	ng	0.00
39) Acenaphthene-d10	14.072	164	66114	20.000	ng	# 0.00
64) Phenanthrene-d10	16.889	188	302001	20.000	ng	# 0.00
76) Chrysene-d12	21.271	240	985	20.000	ng	#-0.05
86) Perylene-d12	24.407	264	525	20.000	ng	#-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	2743005	102.054	ng	0.00
7) Phenol-d6	6.631	99	106722	3.206	ng	0.00
23) Nitrobenzene-d5	8.560	82	2447336	115.056	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1845721	1893.695	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	5797129	1236.179	ng	0.00
79) Terphenyl-d14	19.666	244	176365	3534.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	85577	8.495	ng	# 88
32) Benzoic acid	9.484	122	87866	6.317	ng	# 54

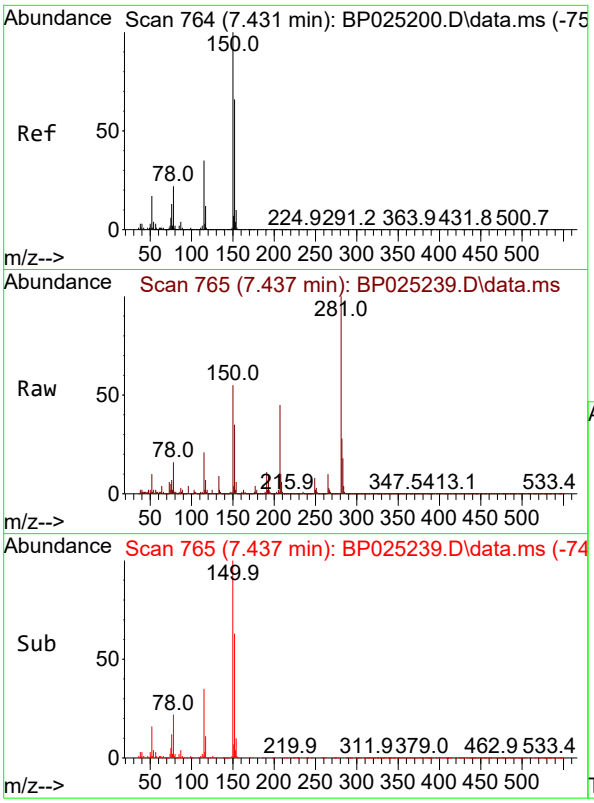
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025239.D
Acq On : 24 Jul 2025 12:43
Operator : CG/JU
Sample : Q2481-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Quant Time: Jul 24 13:21:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



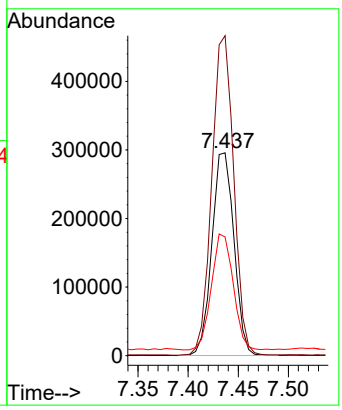


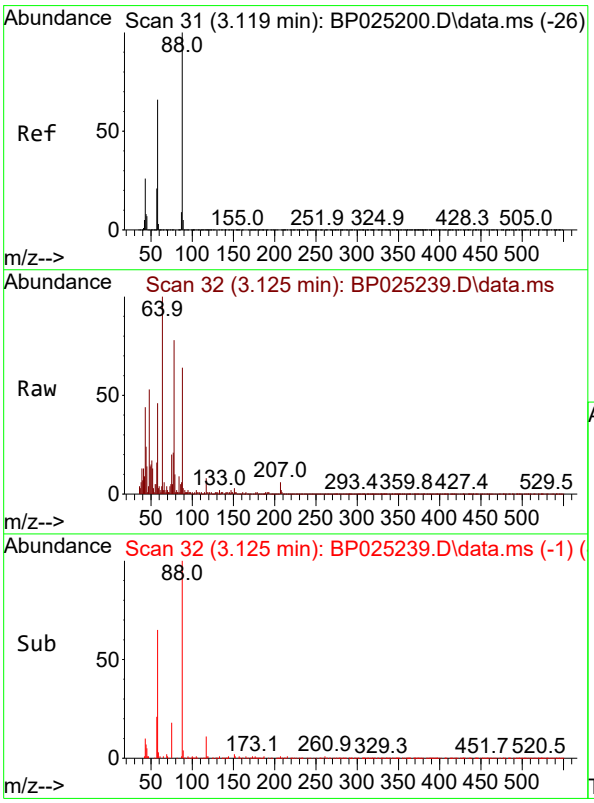
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Tgt Ion:152 Resp: 454140

Ion	Ratio	Lower	Upper
152	100		
150	157.7	121.9	182.9
115	58.5	43.0	64.6

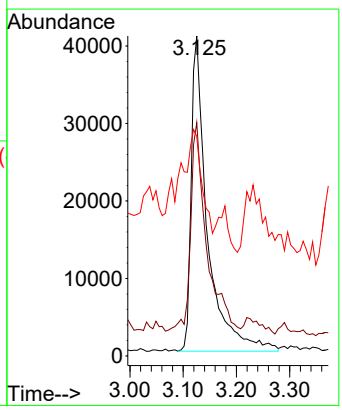


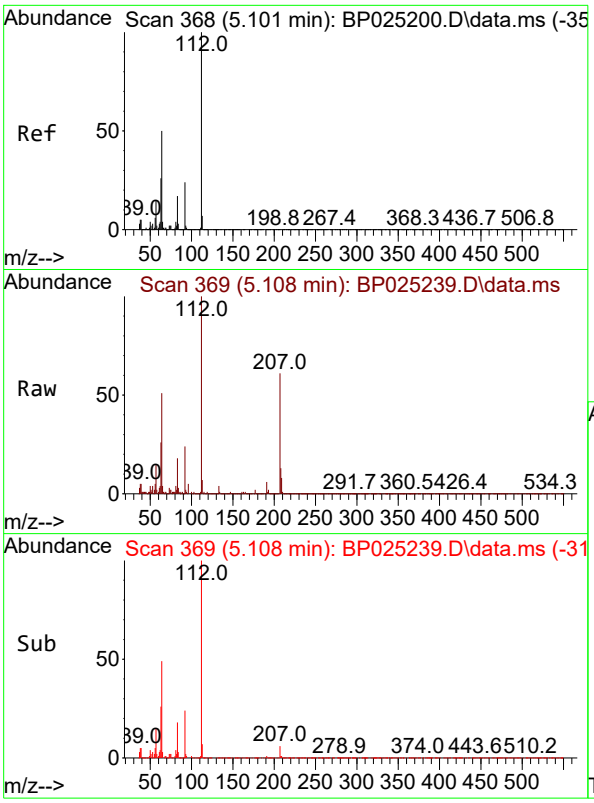


#2
1,4-Dioxane
Concen: 8.495 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Tgt Ion: 88 Resp: 85577

Ion	Ratio	Lower	Upper
88	100		
58	65.0	53.5	80.3
43	45.1	20.8	31.2#



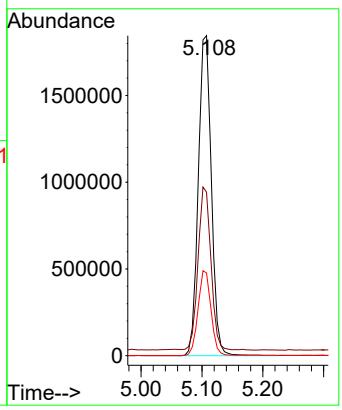


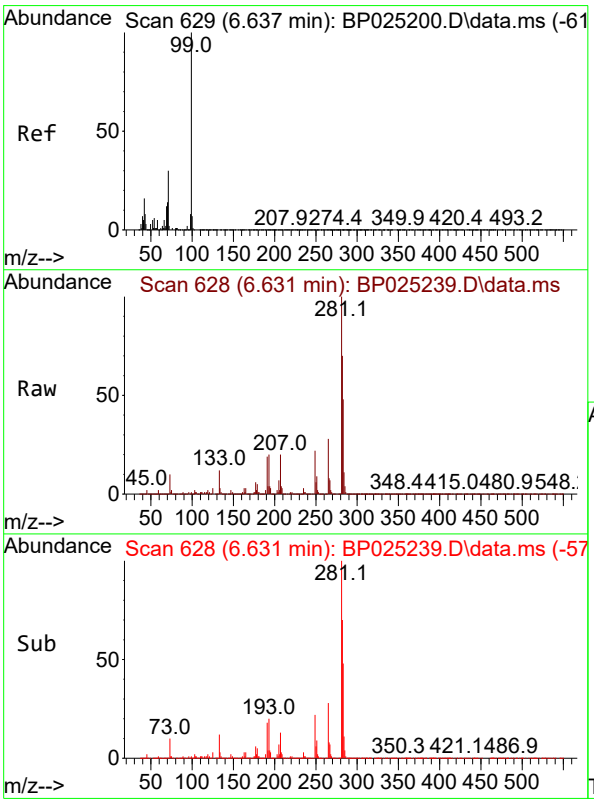
#5
2-Fluorophenol
Concen: 102.054 ng
RT: 5.108 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Tgt Ion:112 Resp: 2743005

Ion	Ratio	Lower	Upper
112	100		
64	51.1	39.8	59.6
63	25.9	20.5	30.7

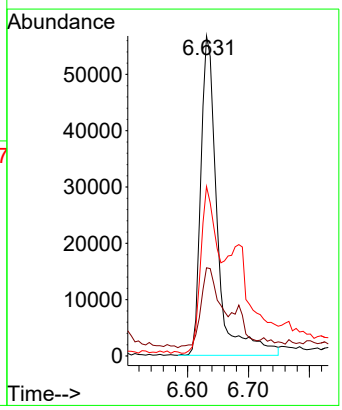


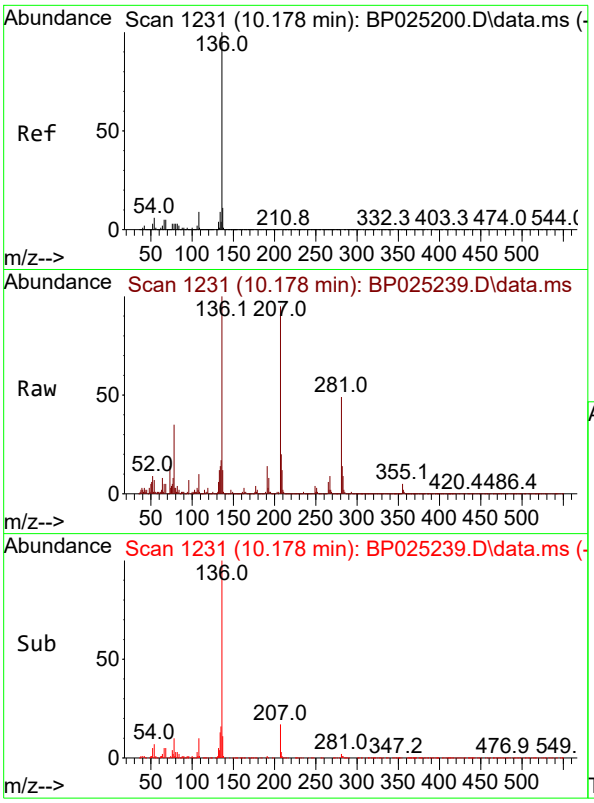


#7
Phenol-d6
Concen: 3.206 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Tgt Ion: 99 Resp: 106722

Ion	Ratio	Lower	Upper
99	100		
42	27.5	12.5	18.7#
71	52.9	24.2	36.2#



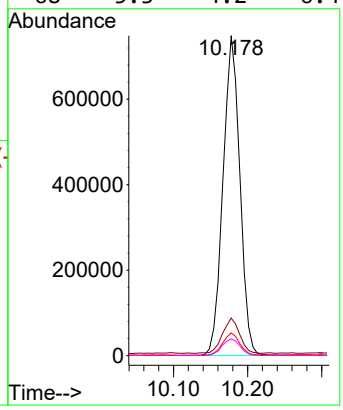


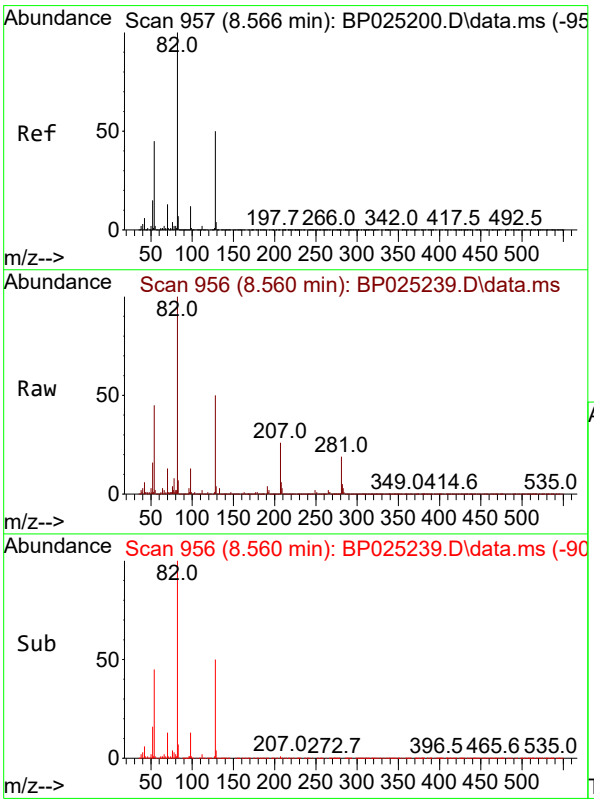
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Tgt Ion:136 Resp: 1182090

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.1	5.1	7.7
68	5.3	4.2	6.4

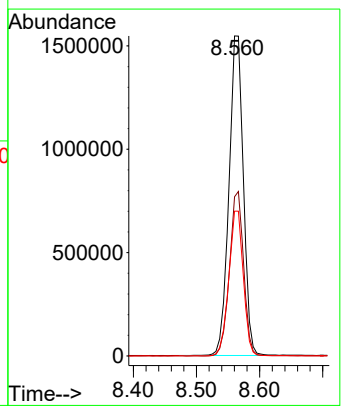


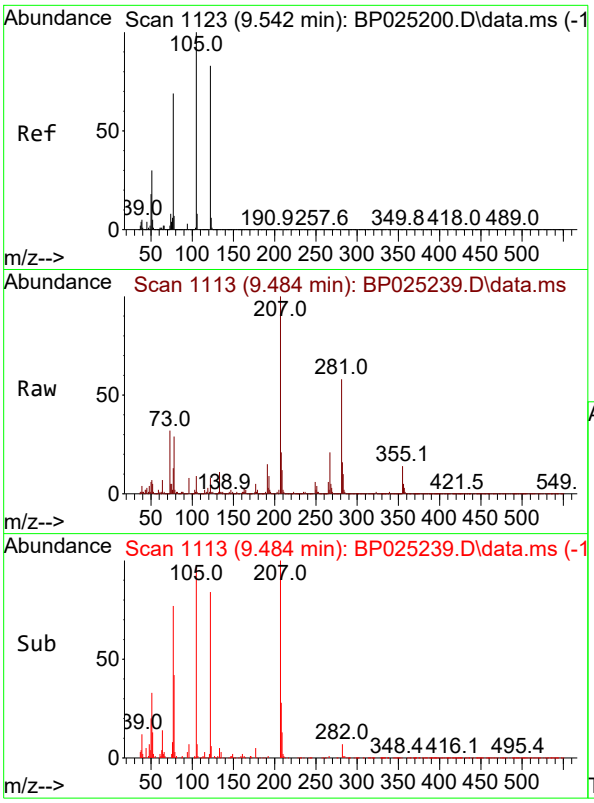


#23
Nitrobenzene-d5
Concen: 115.056 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Tgt Ion: 82 Resp: 2447336

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.2	60.4
54	45.3	36.3	54.5



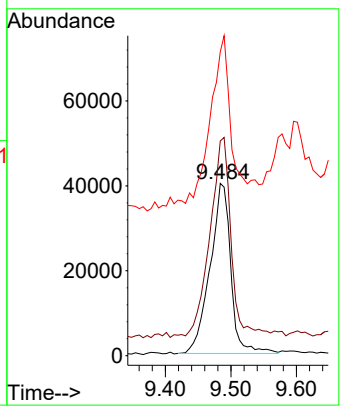


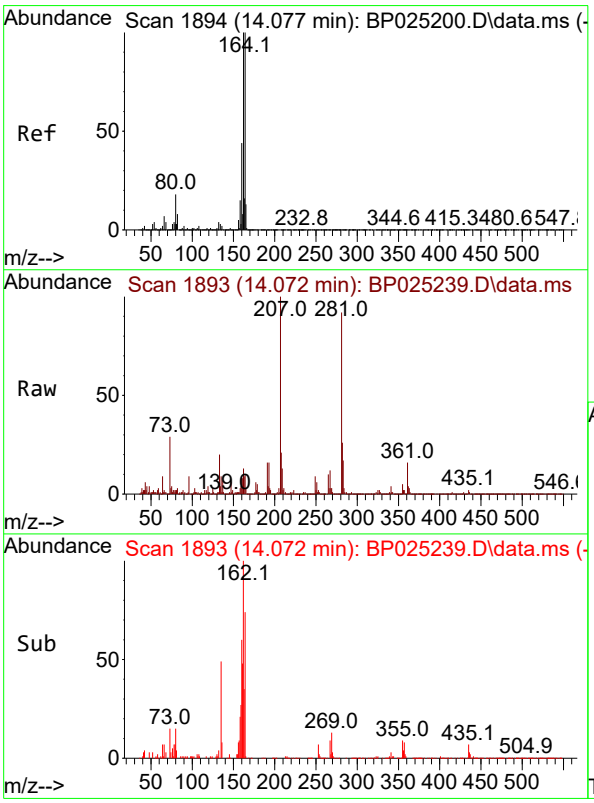
#32
Benzoic acid
Concen: 6.317 ng
RT: 9.484 min Scan# 1
Delta R.T. -0.059 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Tgt Ion:122 Resp: 87866

Ion	Ratio	Lower	Upper
122	100		
105	124.6	98.1	138.1
77	176.4	62.7	102.7#

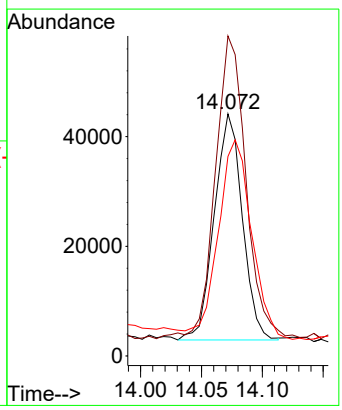


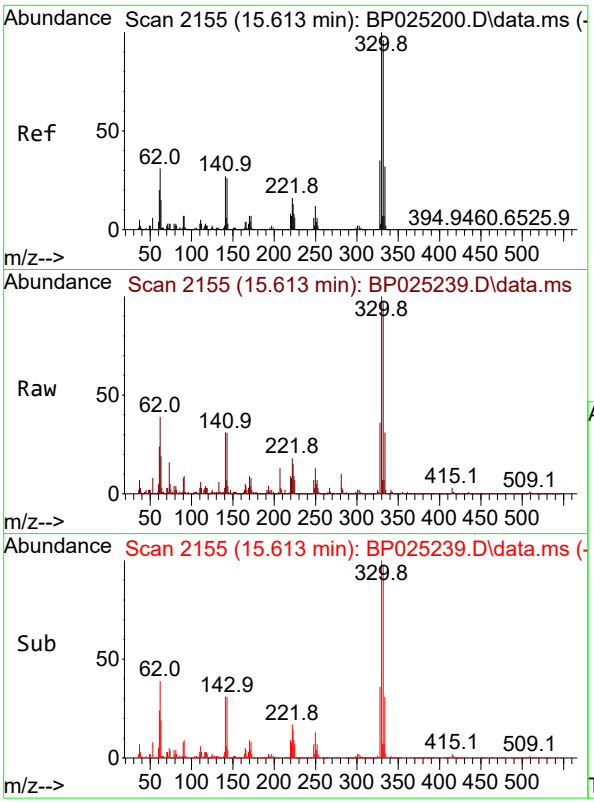


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Tgt Ion:164 Resp: 66114

Ion	Ratio	Lower	Upper
164	100		
162	132.2	80.3	120.5#
160	82.4	35.7	53.5#



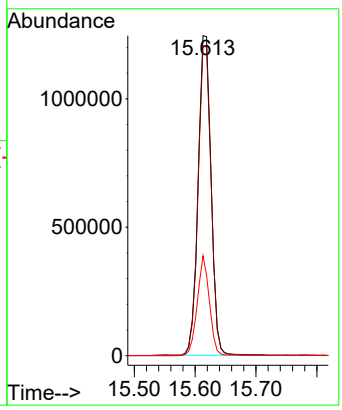


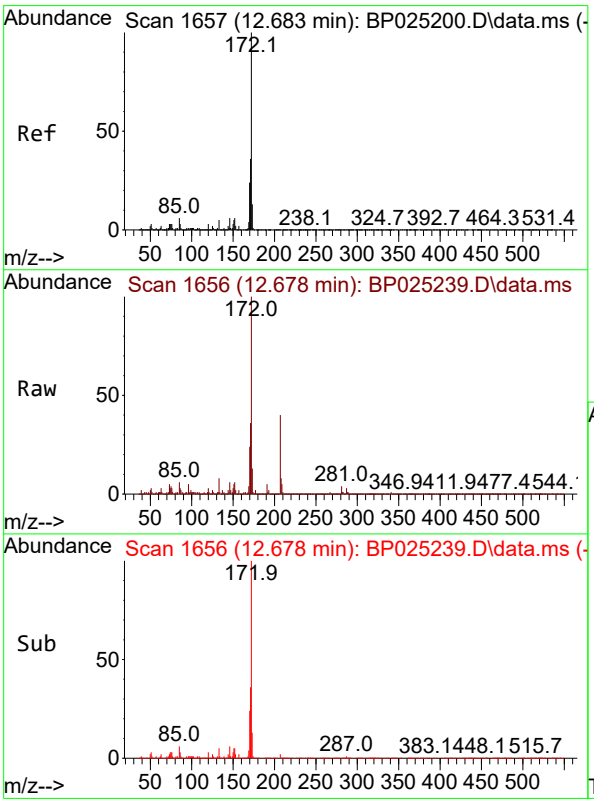
#42
2,4,6-Tribromophenol
Concen: 1893.695 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Tgt Ion:330 Resp: 1845721

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	29.0	22.4	33.6

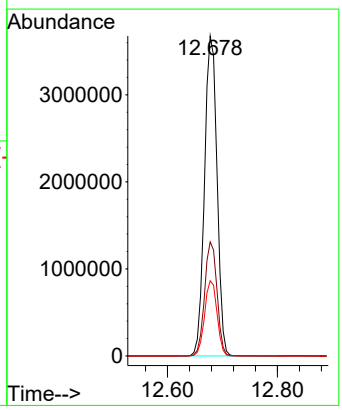


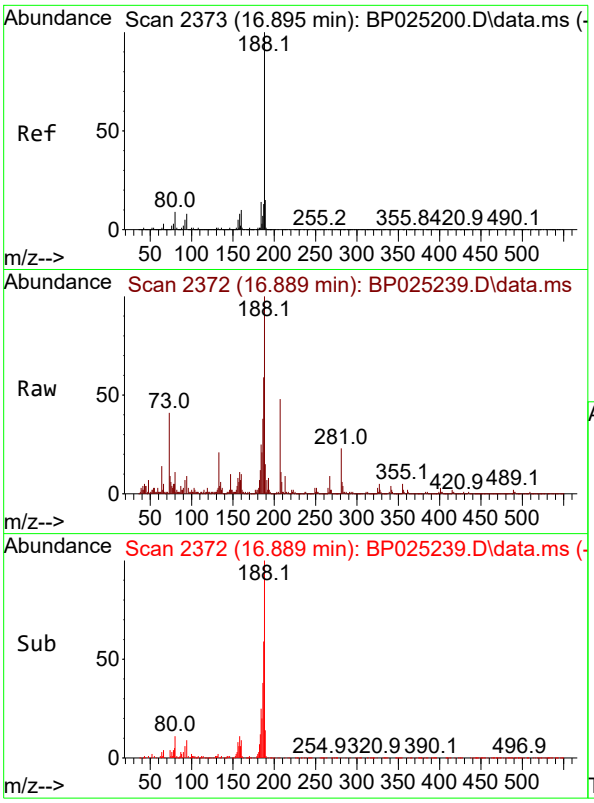


#45
2-Fluorobiphenyl
Concen: 1236.179 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Tgt Ion:172 Resp: 5797129

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	19.2	28.8



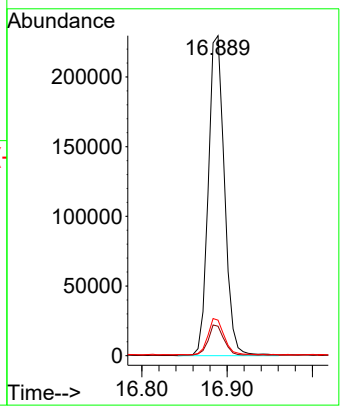


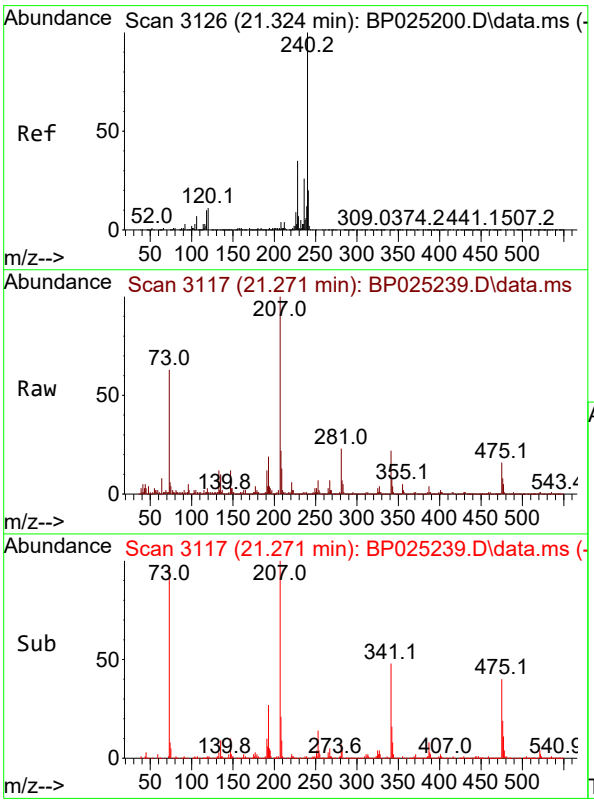
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Tgt Ion:188 Resp: 302001

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.8	10.2
80	11.1	7.3	10.9#

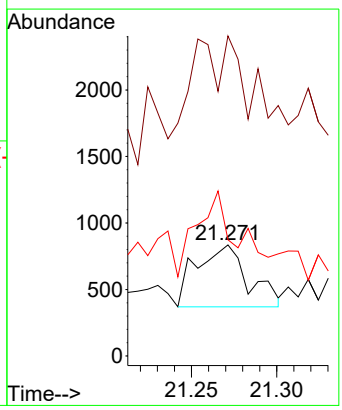


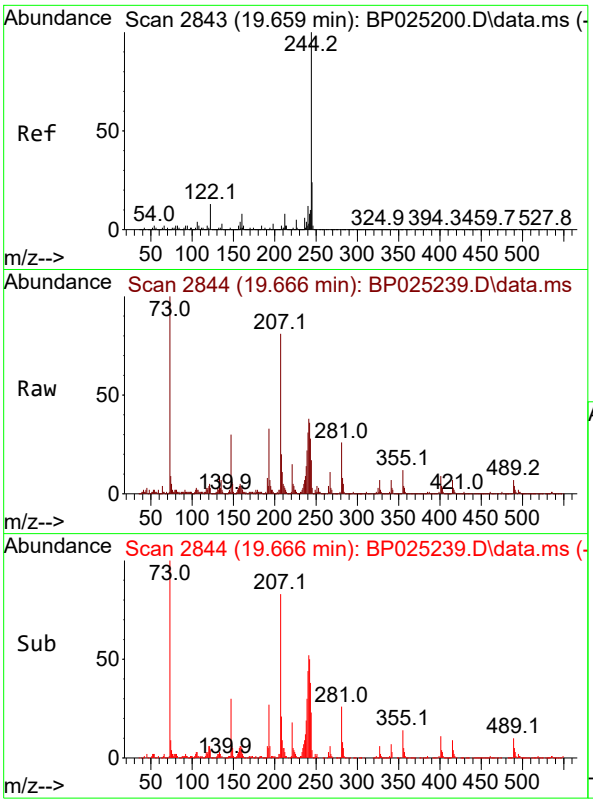


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.053 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Tgt Ion:240 Resp: 985

Ion	Ratio	Lower	Upper
240	100		
120	288.1	8.8	13.2#
236	104.7	20.9	31.3#



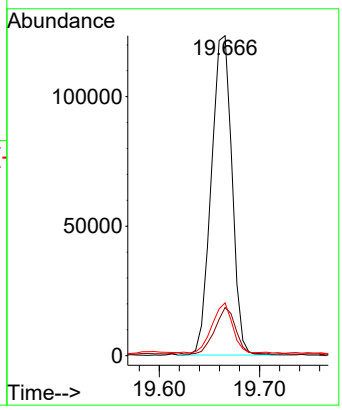


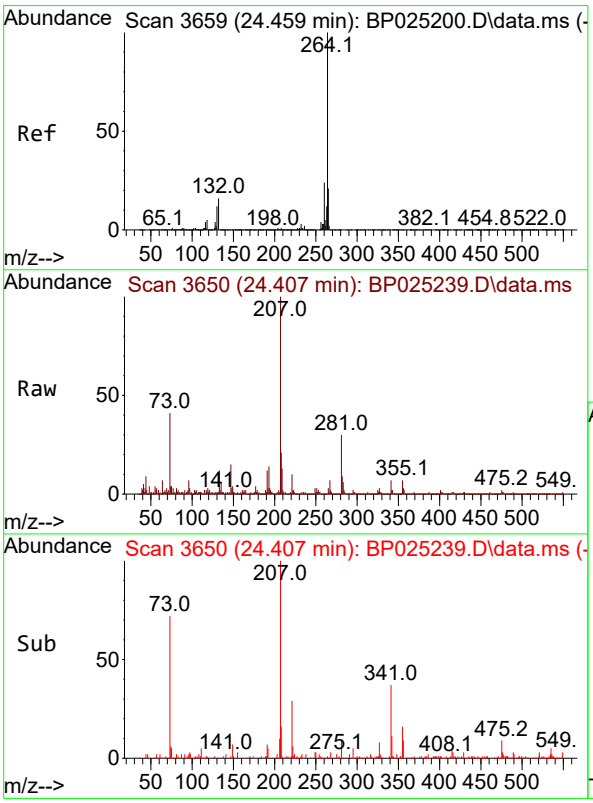
#79
Terphenyl-d14
Concen: 3534.513 ng
RT: 19.666 min Scan# 2
Delta R.T. 0.007 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Instrument :
BNA_P
ClientSampleId :
CC0627-AOXL

Tgt Ion:244 Resp: 176365

Ion	Ratio	Lower	Upper
244	100		
212	15.1	6.6	9.8#
122	16.5	10.3	15.5#

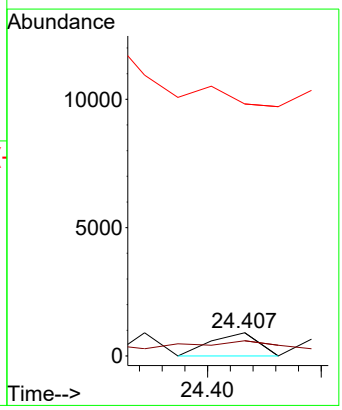




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.407 min Scan# 3650
Delta R.T. -0.053 min
Lab File: BP025239.D
Acq: 24 Jul 2025 12:43

Tgt Ion:264 Resp: 525

Ion	Ratio	Lower	Upper
264	100		
260	65.3	19.0	28.6#
265	1087.6	17.5	26.3#



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025240.D
Acq On : 24 Jul 2025 13:24
Operator : CG/JU
Sample : Q2481-16 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Quant Time: Jul 24 13:46:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

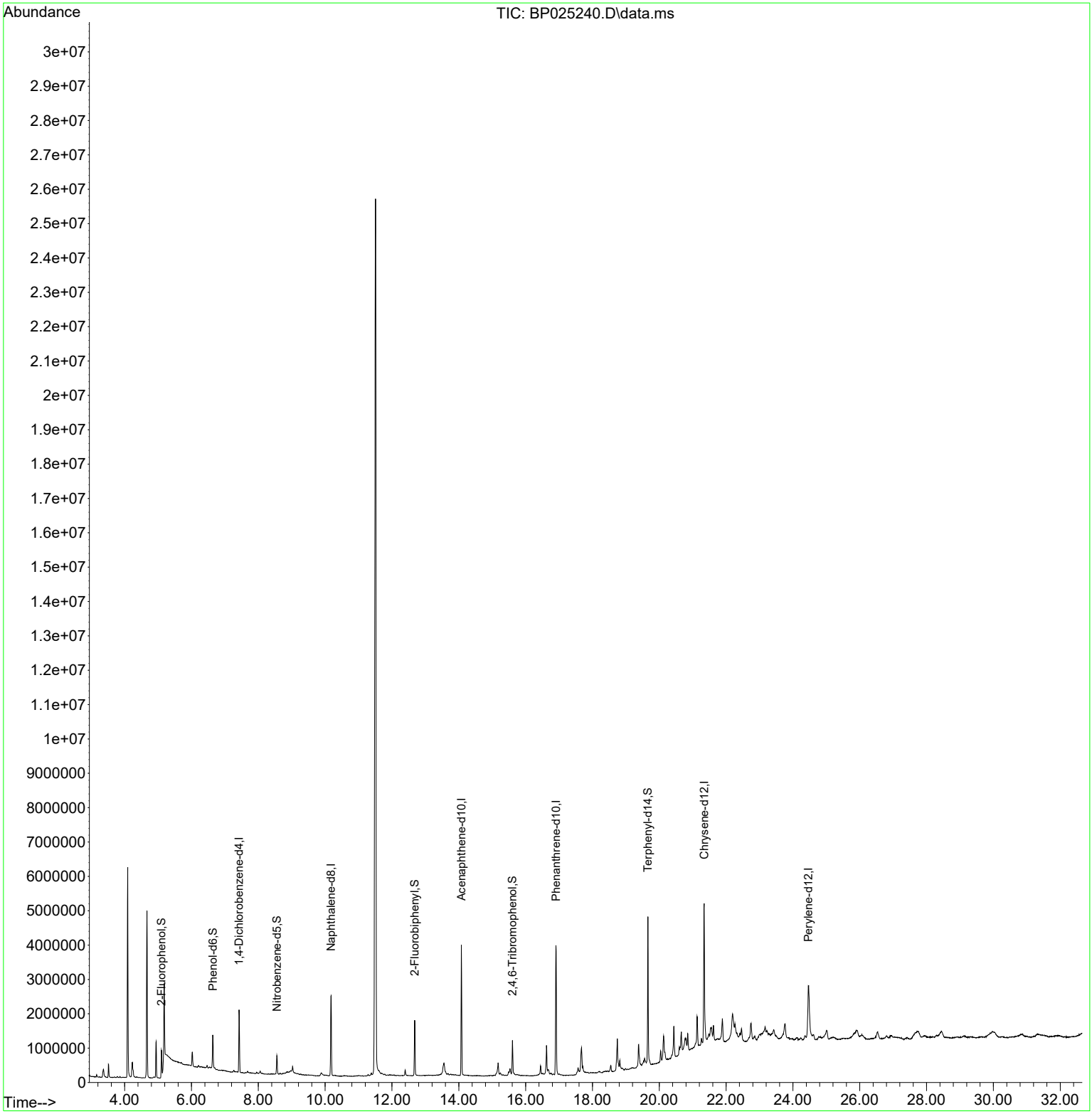
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	481955	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1963844	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1252114	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2688055	20.000	ng	0.01
76) Chrysene-d12	21.342	240	2490204	20.000	ng	0.02
86) Perylene-d12	24.459	264	1494495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	373927	13.109	ng	0.00
7) Phenol-d6	6.637	99	443338	12.549	ng	0.00
23) Nitrobenzene-d5	8.554	82	321952	9.111	ng	-0.01
42) 2,4,6-Tribromophenol	15.607	330	219878	11.912	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	904670	10.186	ng	0.00
79) Terphenyl-d14	19.660	244	1514064	12.002	ng	0.00
Target Compounds						Qvalue

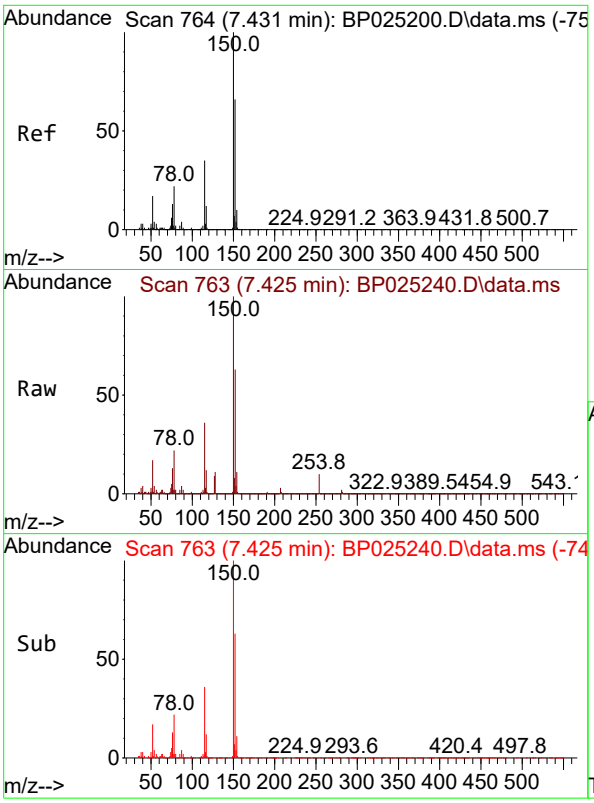
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025240.D
Acq On : 24 Jul 2025 13:24
Operator : CG/JU
Sample : Q2481-16 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Quant Time: Jul 24 13:46:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



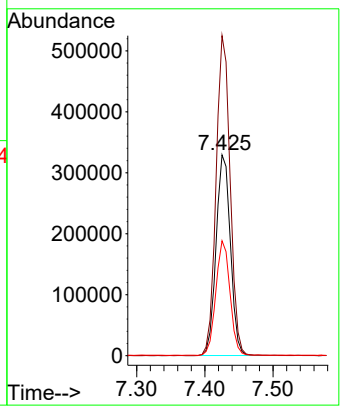


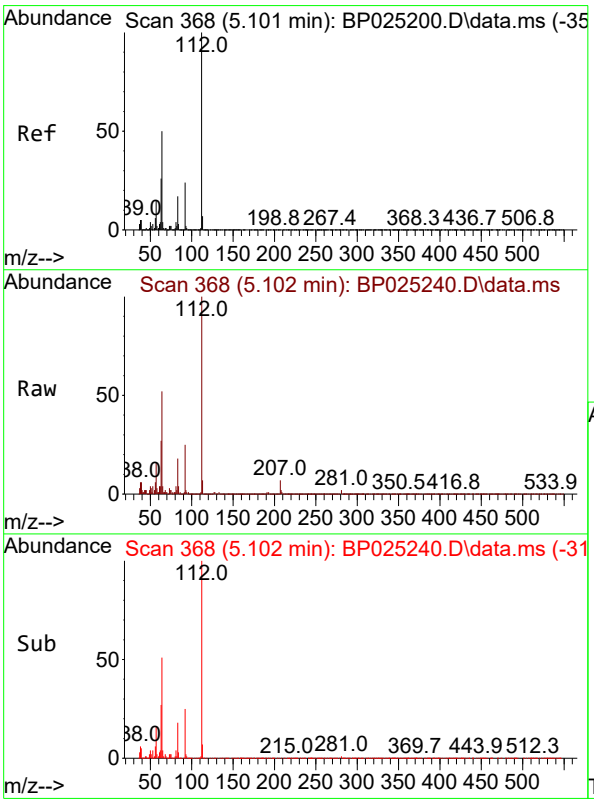
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Tgt Ion:152 Resp: 481955

Ion	Ratio	Lower	Upper
152	100		
150	159.3	121.9	182.9
115	57.2	43.0	64.6

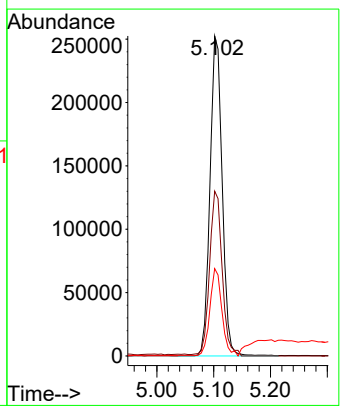


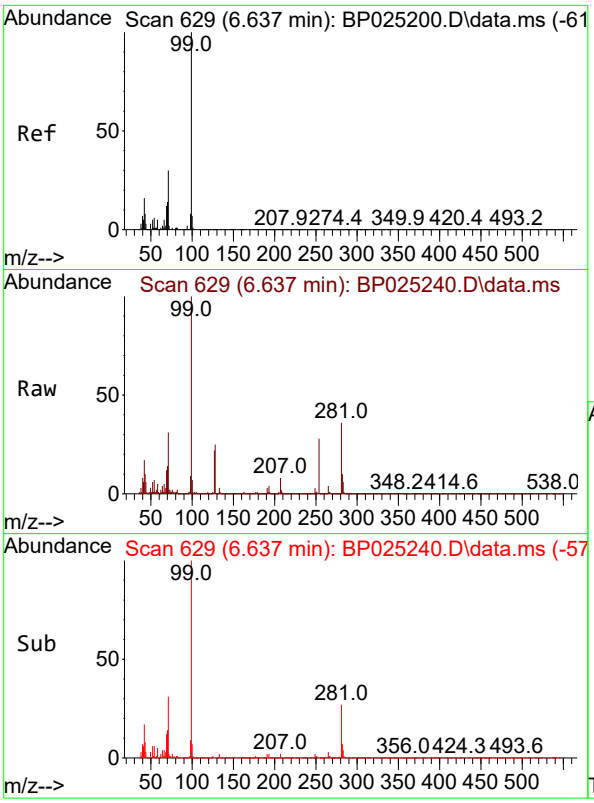


#5
2-Fluorophenol
Concen: 13.109 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:112 Resp: 373927

Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.8	59.6
63	27.3	20.5	30.7



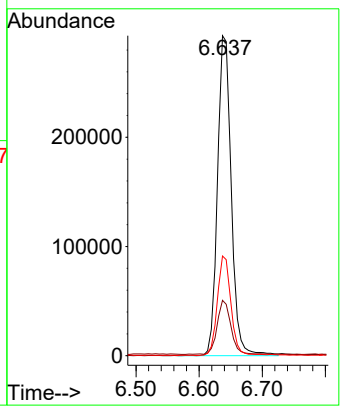


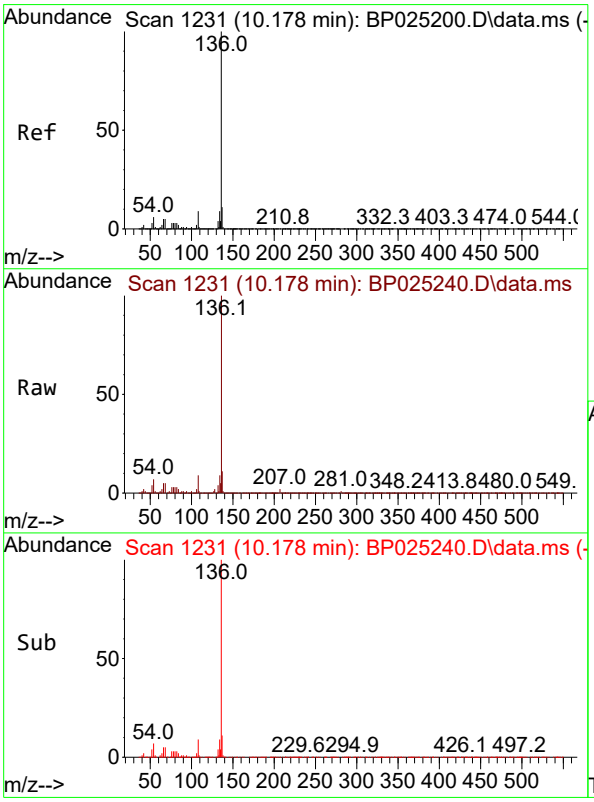
#7
Phenol-d6
Concen: 12.549 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Tgt Ion: 99 Resp: 443338

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.5	18.7
71	31.1	24.2	36.2

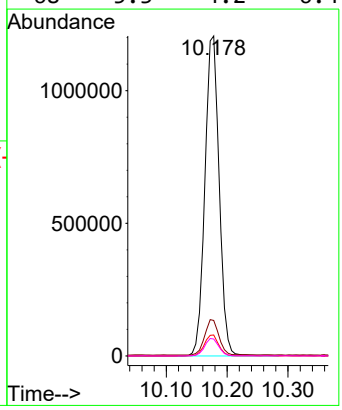


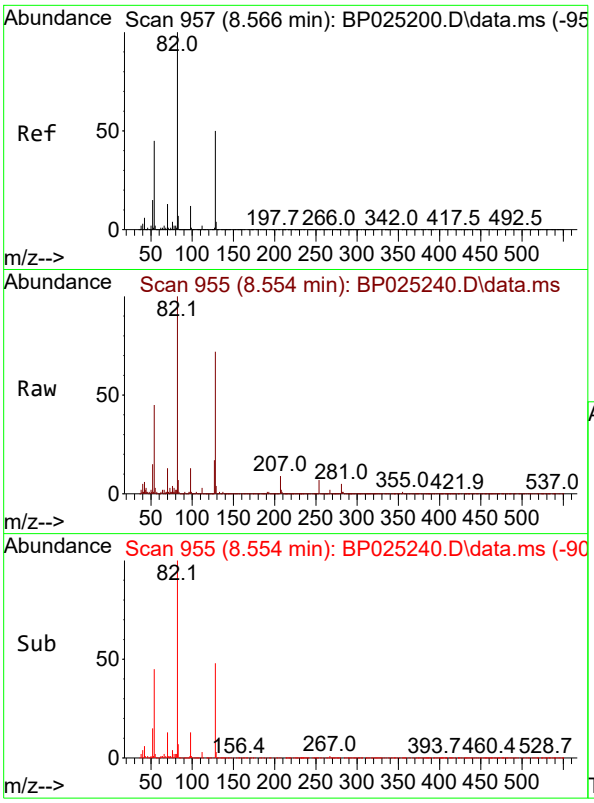


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:136 Resp: 1963844

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.3	4.2	6.4



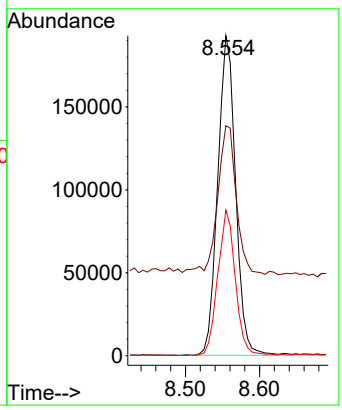


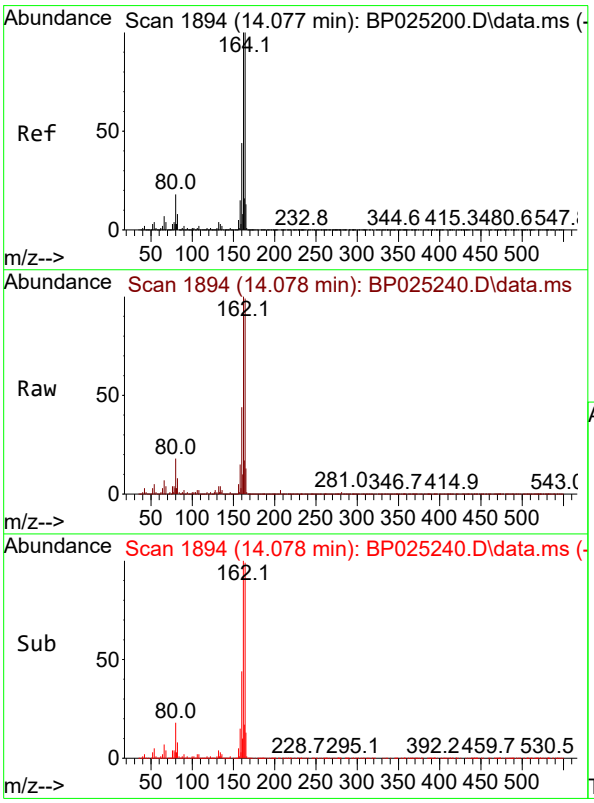
#23
Nitrobenzene-d5
Concen: 9.111 ng
RT: 8.554 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Tgt Ion: 82 Resp: 321952

Ion	Ratio	Lower	Upper
82	100		
128	71.9	40.2	60.4#
54	45.5	36.3	54.5

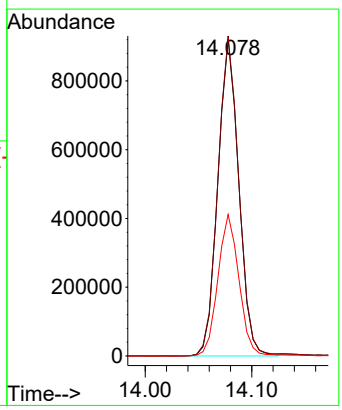


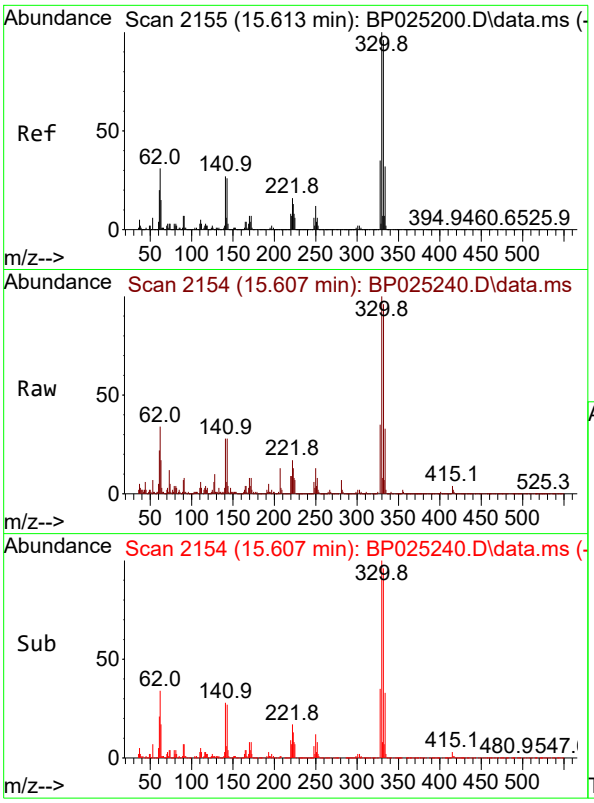


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:164 Resp: 1252114

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.7	35.7	53.5



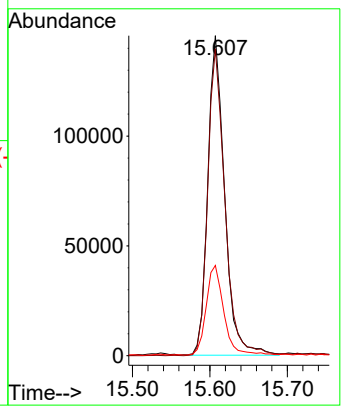


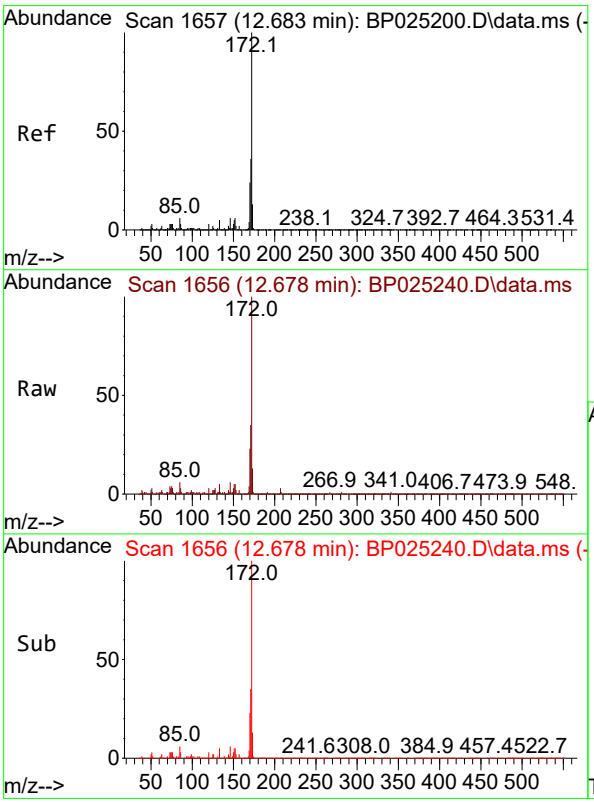
#42
2,4,6-Tribromophenol
Concen: 11.912 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Tgt Ion:330 Resp: 219878

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	29.1	22.4	33.6

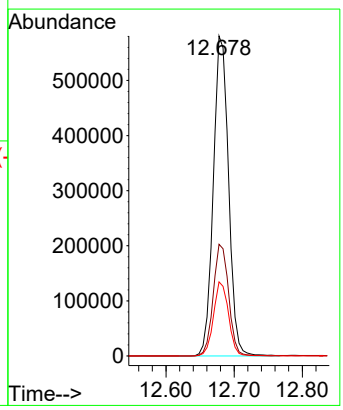


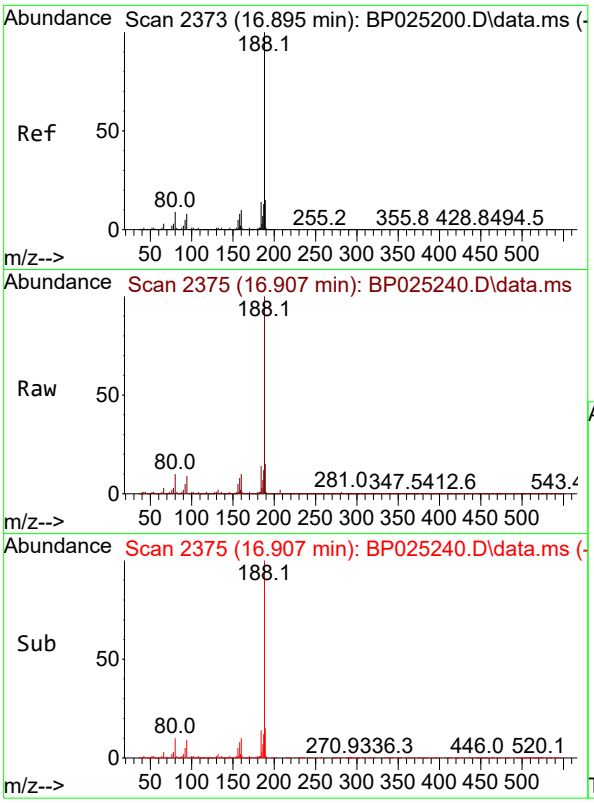


#45
2-Fluorobiphenyl
Concen: 10.186 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:172 Resp: 904670

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.1	19.2	28.8



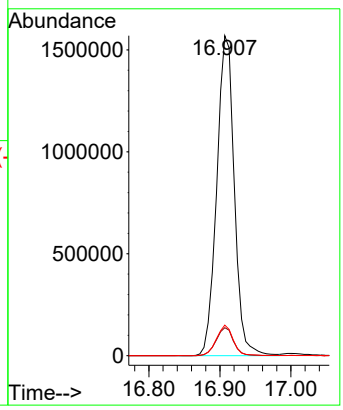


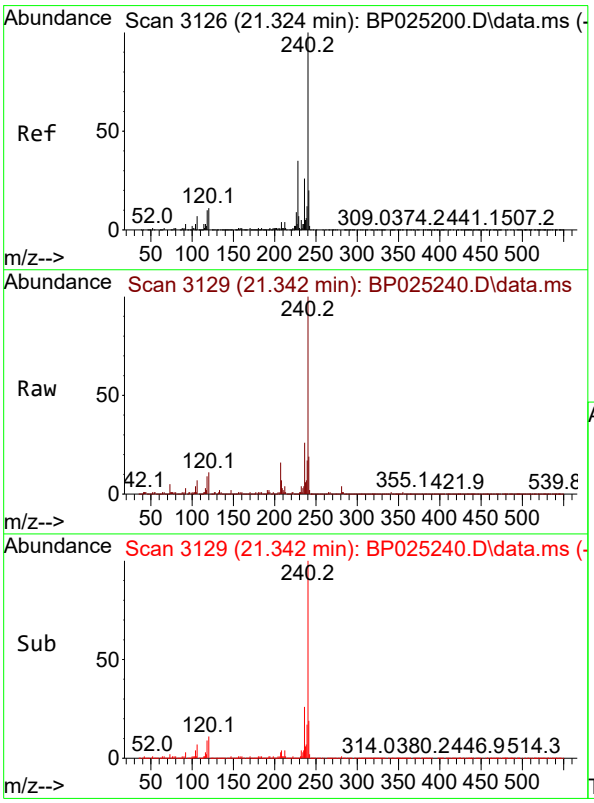
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Tgt Ion:188 Resp: 2688055

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.5	7.3	10.9

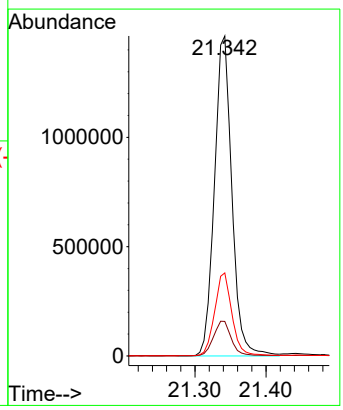


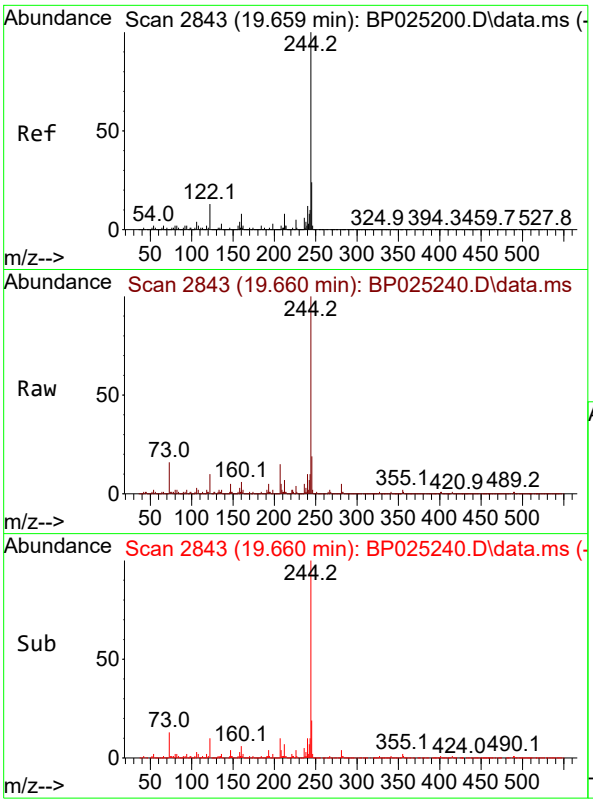


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.018 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:240 Resp: 2490204

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	25.9	20.9	31.3



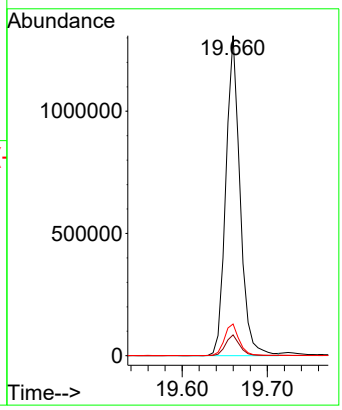


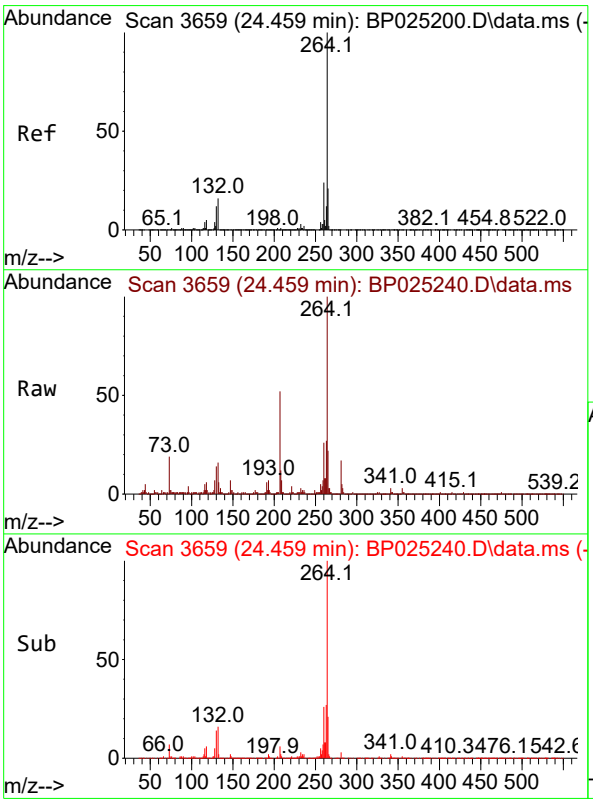
#79
Terphenyl-d14
Concen: 12.002 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Instrument :
BNA_P
ClientSampleId :
CC0625-NL

Tgt Ion:244 Resp: 1514064

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.6	9.8#
122	9.9	10.3	15.5#

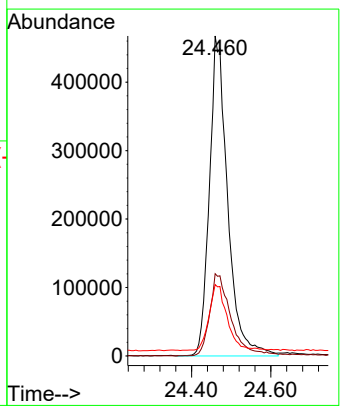




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BP025240.D
Acq: 24 Jul 2025 13:24

Tgt Ion:264 Resp: 1494495

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.0	28.6
265	22.3	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025242.D
Acq On : 24 Jul 2025 14:46
Operator : CG/JU
Sample : Q2481-17 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Quant Time: Jul 24 15:34:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

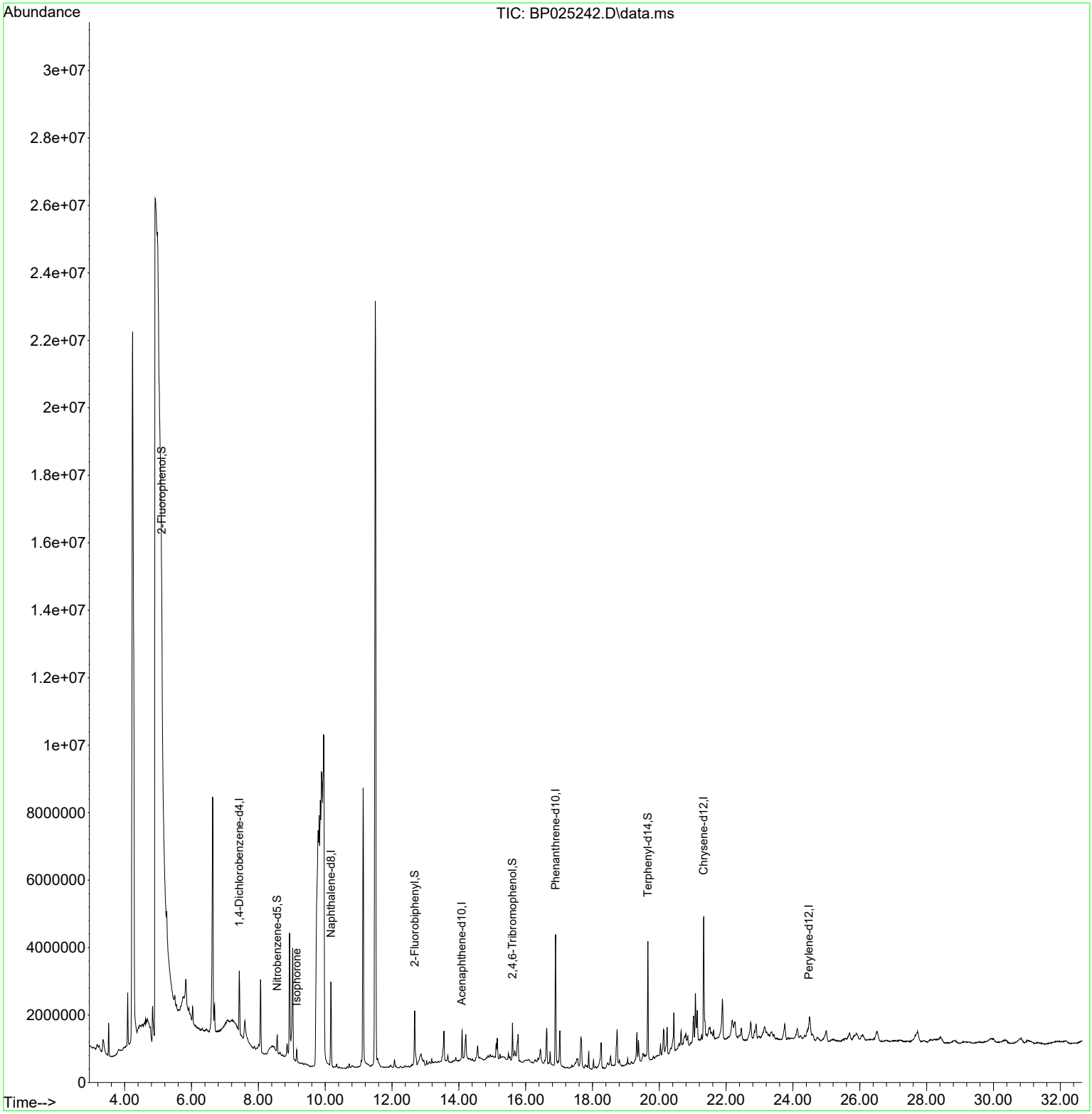
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	513506	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1840841	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	2161	20.000	ng	# 0.00
64) Phenanthrene-d10	16.895	188	2197833	20.000	ng	0.00
76) Chrysene-d12	21.324	240	1885587	20.000	ng	0.00
86) Perylene-d12	24.477	264	52055	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.107	112	131775	4.336	ng	0.00
7) Phenol-d6	6.643	99	13082	0.348	ng	0.00
23) Nitrobenzene-d5	8.566	82	290561	8.772	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	187244	5877.473	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	740670	4832.056	ng	0.00
79) Terphenyl-d14	19.660	244	1077720	11.283	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.148	82	272801	4.683	ng	97

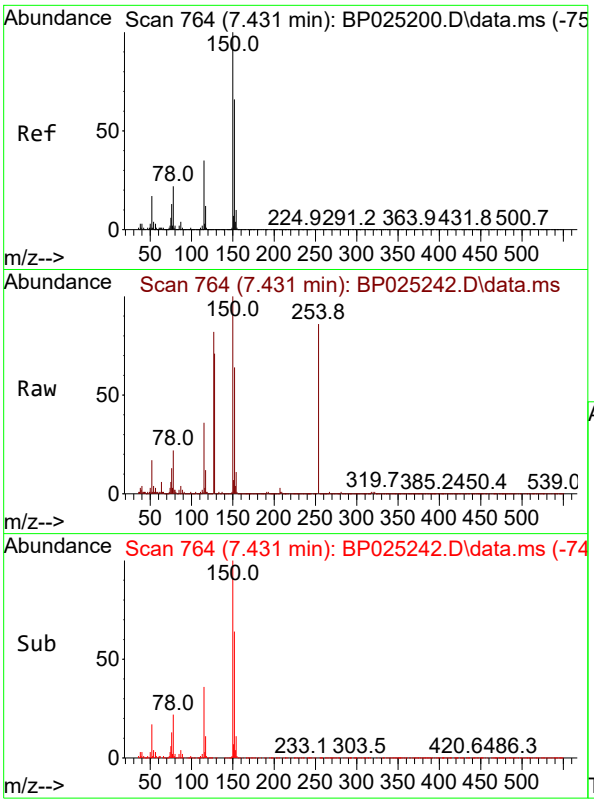
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025242.D
Acq On : 24 Jul 2025 14:46
Operator : CG/JU
Sample : Q2481-17 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Quant Time: Jul 24 15:34:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



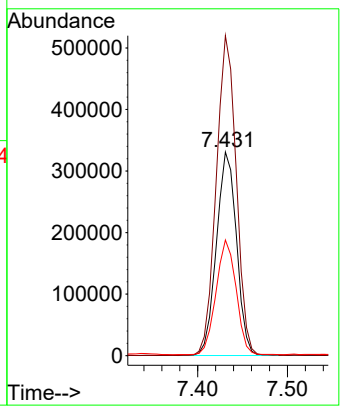


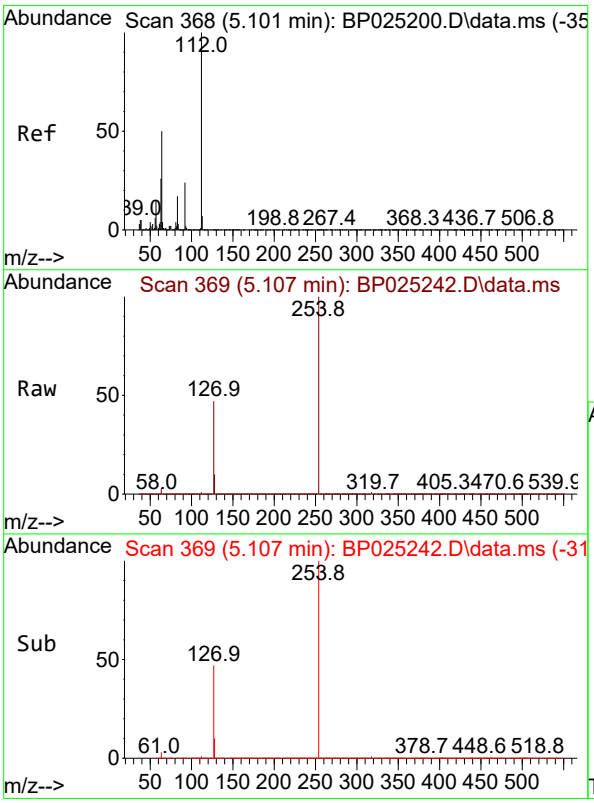
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Tgt Ion:152 Resp: 513506

Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.9	182.9
115	56.8	43.0	64.6

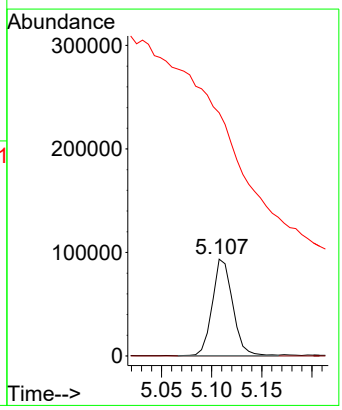


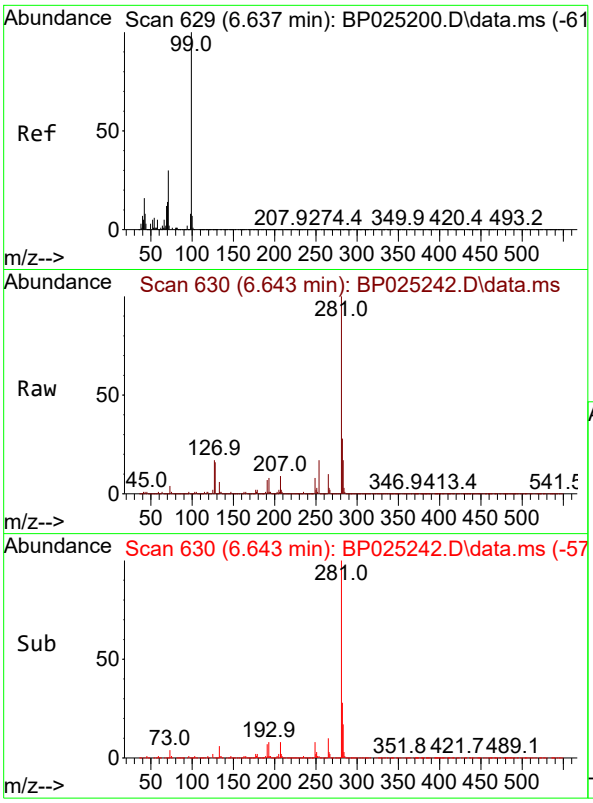


#5
2-Fluorophenol
Concen: 4.336 ng
RT: 5.107 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion:112 Resp: 131775

Ion	Ratio	Lower	Upper
112	100		
64	0.0	39.8	59.6#
63	251.1	20.5	30.7#



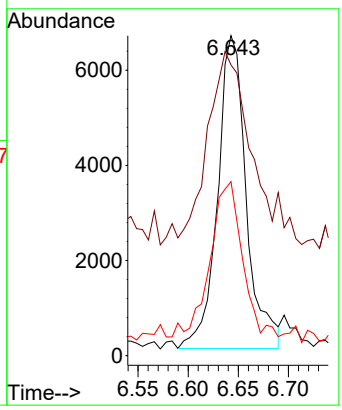


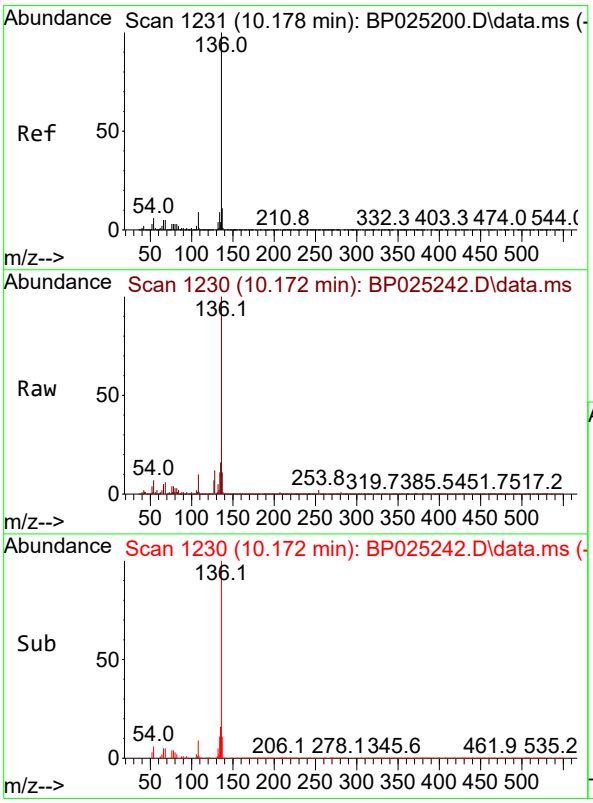
#7
Phenol-d6
Concen: 0.348 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Tgt Ion: 99 Resp: 13082

Ion	Ratio	Lower	Upper
99	100		
42	90.8	12.5	18.7#
71	54.4	24.2	36.2#

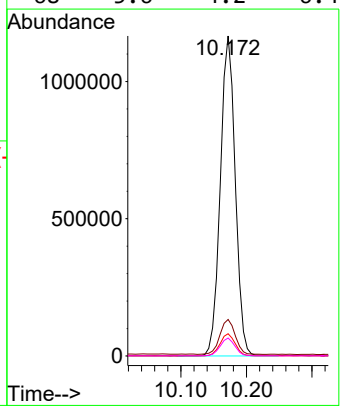


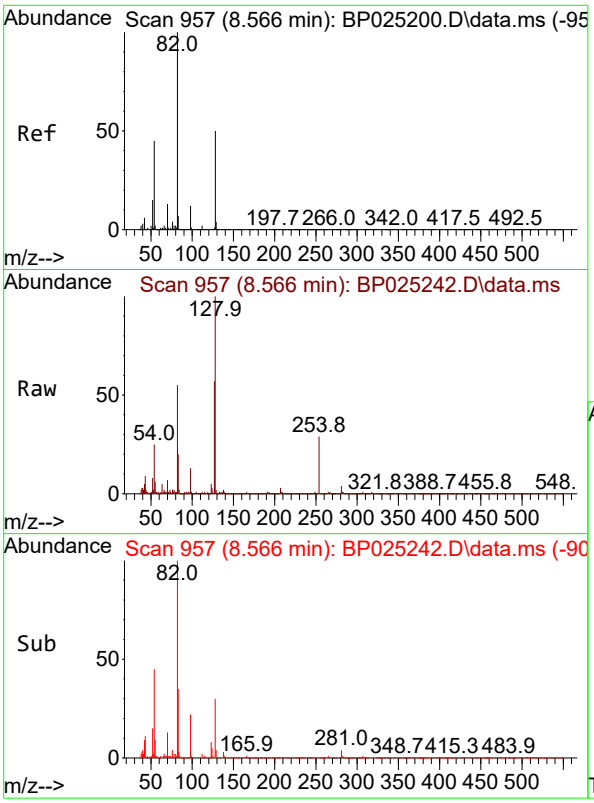


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion:136 Resp: 1840841

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.0	5.1	7.7
68	5.6	4.2	6.4



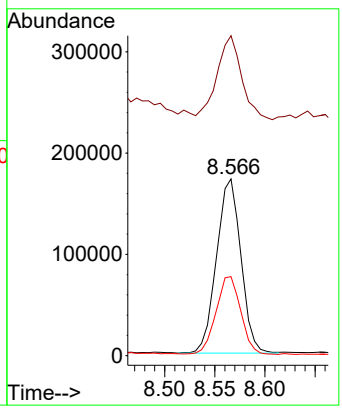


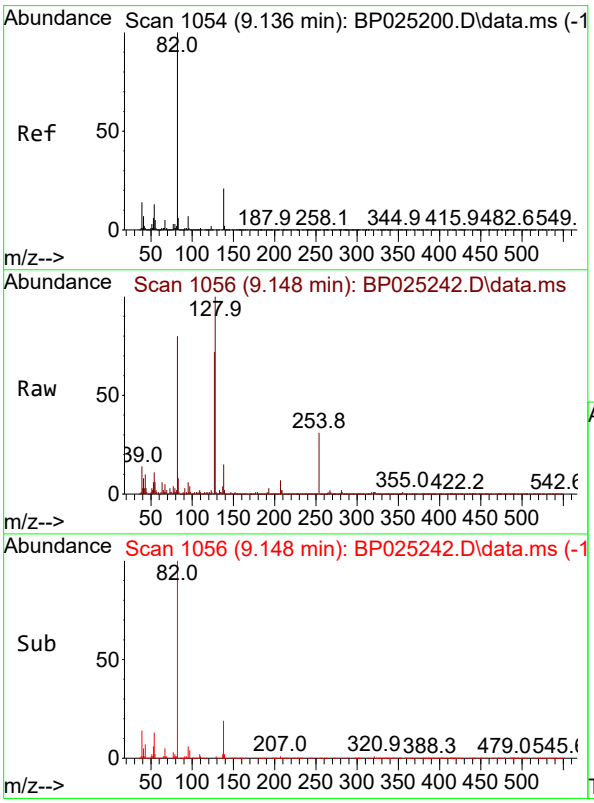
#23
Nitrobenzene-d5
Concen: 8.772 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Tgt Ion: 82 Resp: 290561

Ion	Ratio	Lower	Upper
82	100		
128	180.9	40.2	60.4#
54	44.7	36.3	54.5

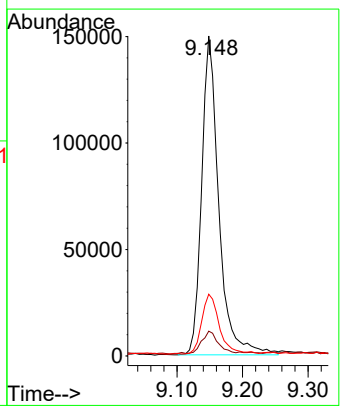


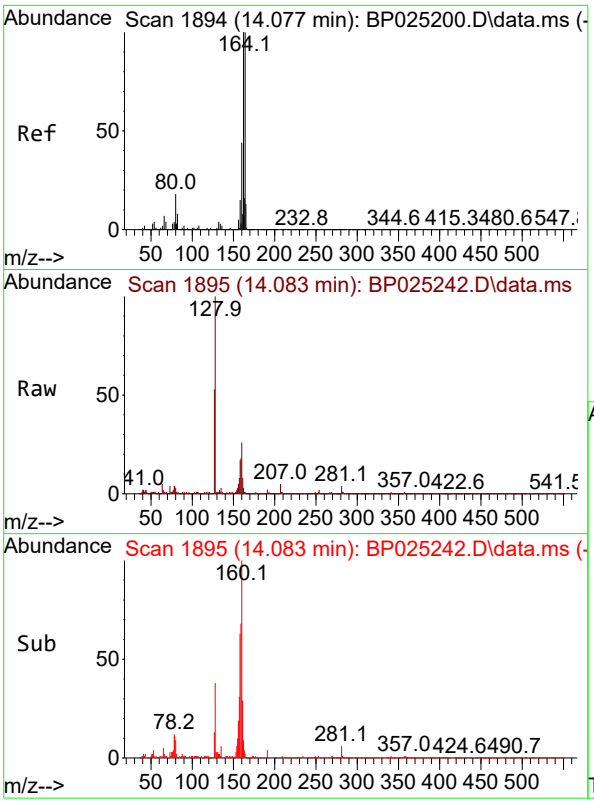


#25
Isophorone
Concen: 4.683 ng
RT: 9.148 min Scan# 1056
Delta R.T. 0.012 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion: 82 Resp: 272801

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.6	8.4
138	19.3	16.6	25.0



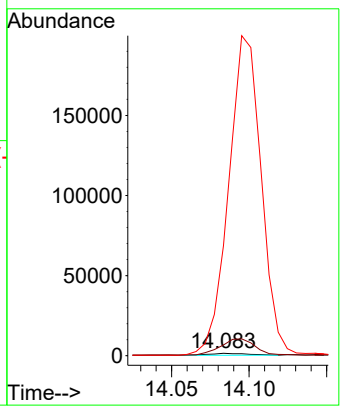


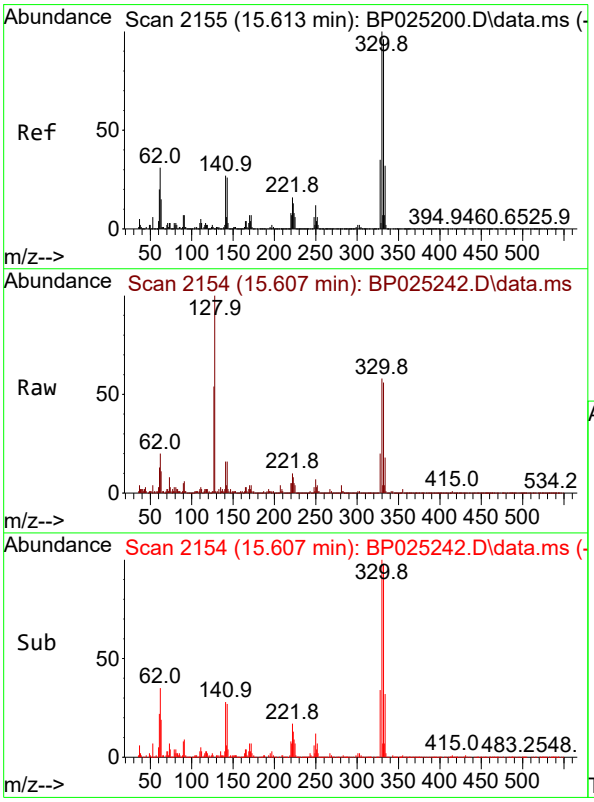
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Tgt Ion:164 Resp: 2161

Ion	Ratio	Lower	Upper
164	100		
162	450.8	80.3	120.5#
160	4602.3	35.7	53.5#

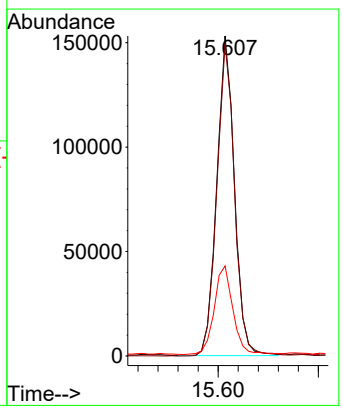


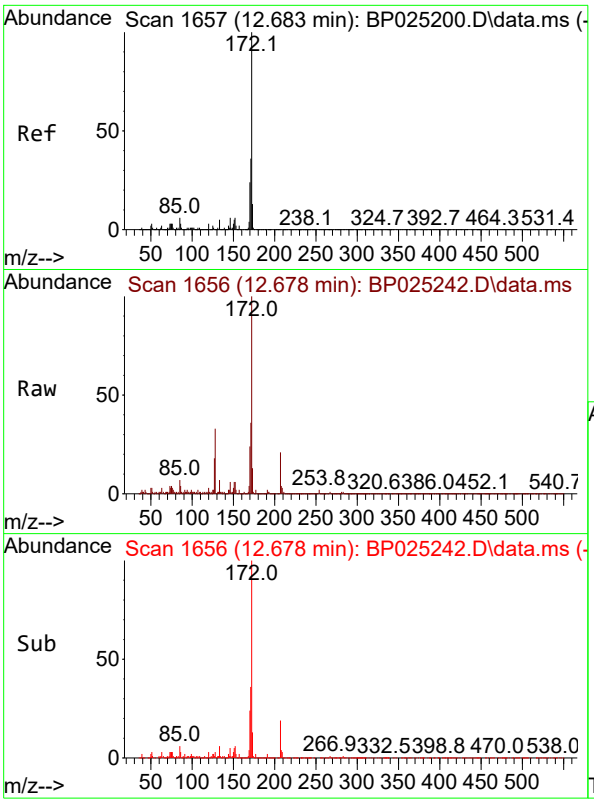


#42
2,4,6-Tribromophenol
Concen: 5877.473 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion:330 Resp: 187244

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	29.4	22.4	33.6



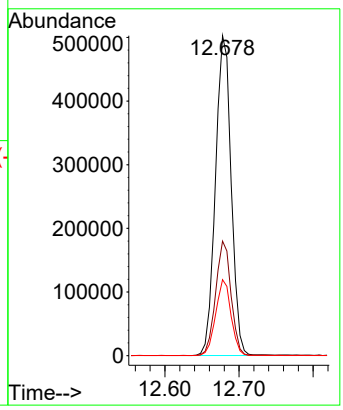


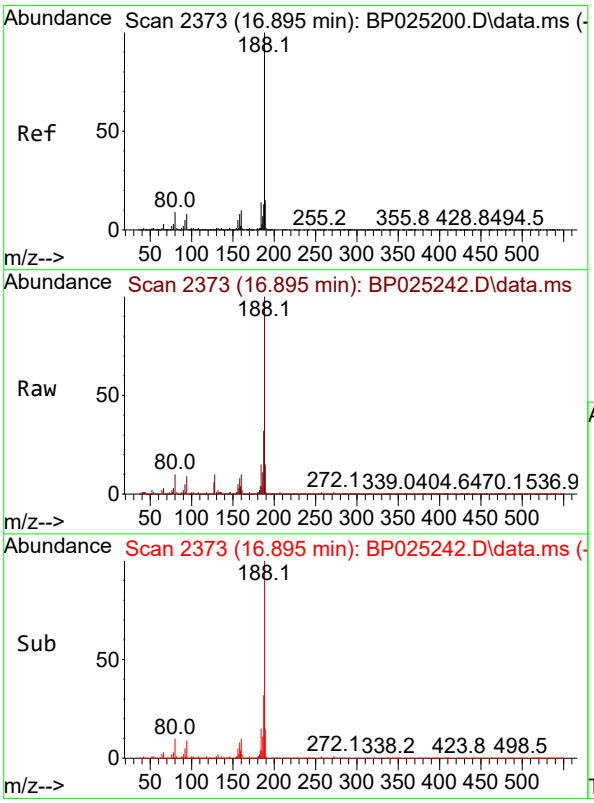
#45
2-Fluorobiphenyl
Concen: 4832.056 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Tgt Ion:172 Resp: 740670

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.8	19.2	28.8

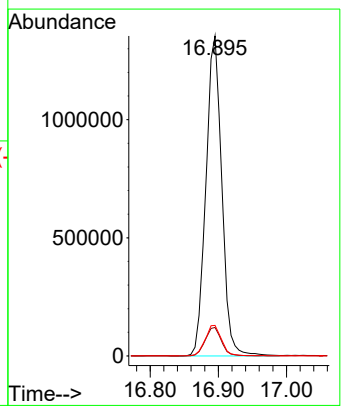


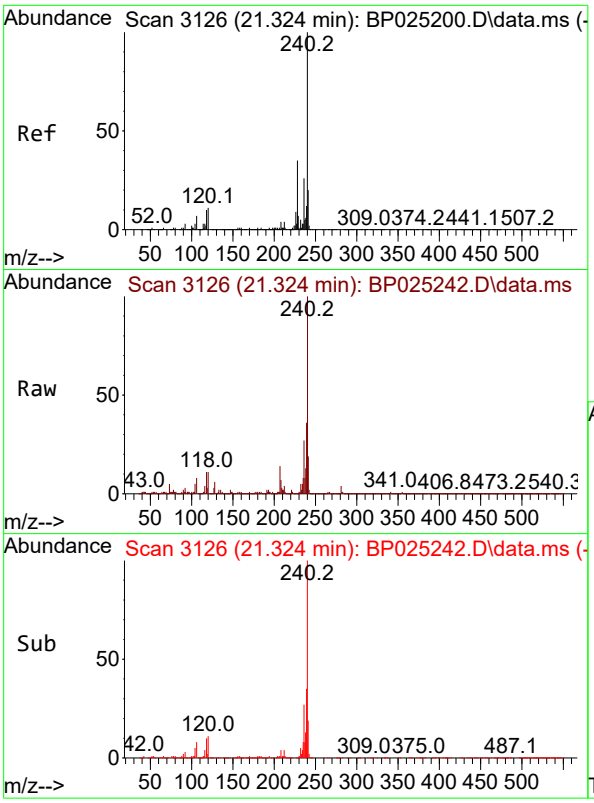


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion:188 Resp: 2197833

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.6	7.3	10.9



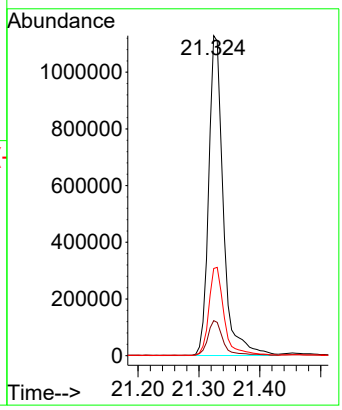


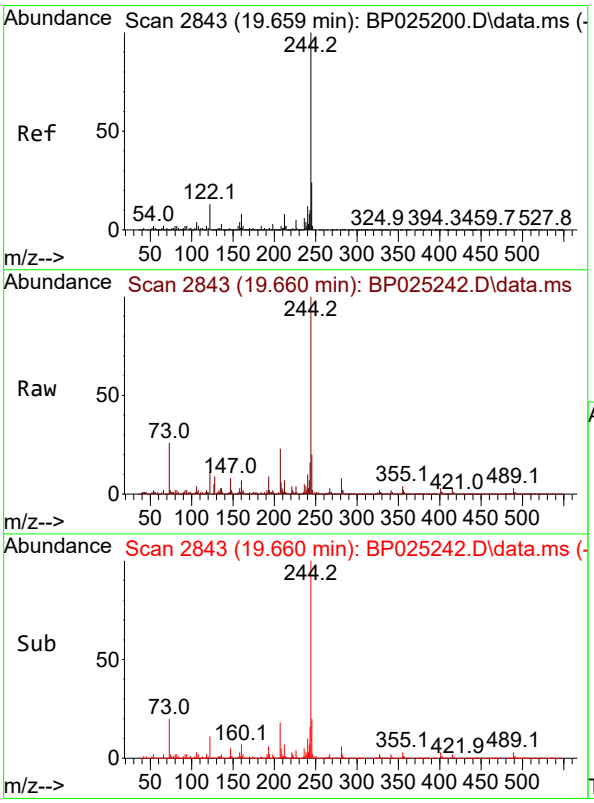
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Tgt Ion:240 Resp: 1885587

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	27.3	20.9	31.3

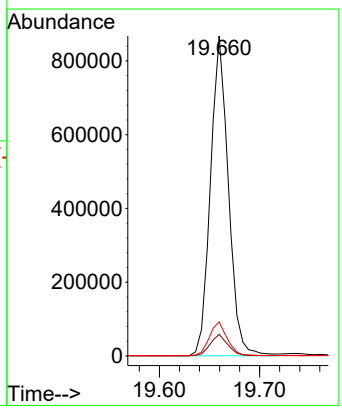


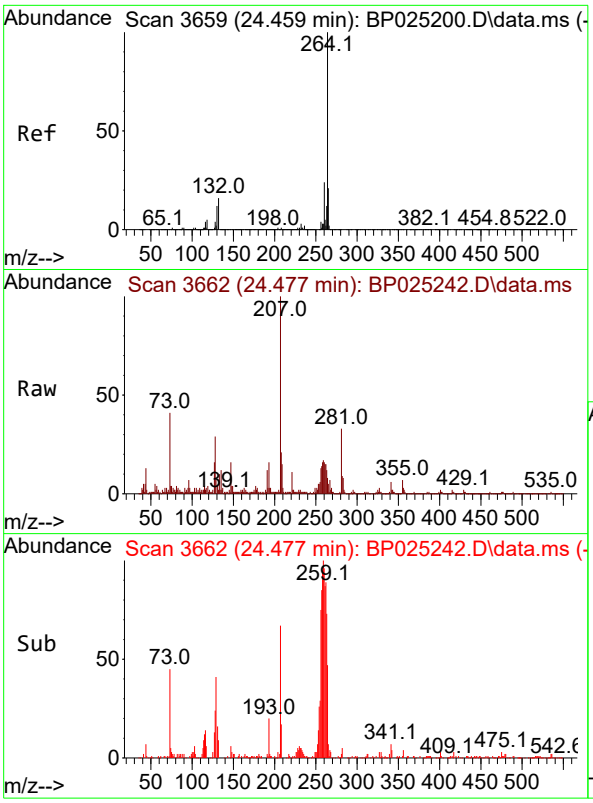


#79
Terphenyl-d14
Concen: 11.283 ng
RT: 19.660 min Scan# 2843
Delta R.T. 0.001 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion:244 Resp: 1077720

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	10.7	10.3	15.5



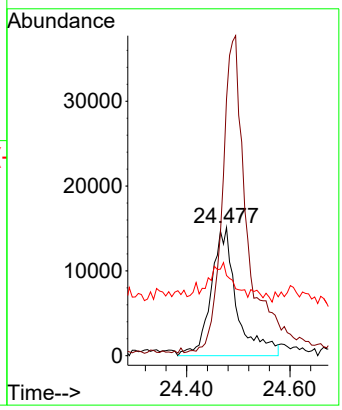


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

Tgt Ion:264 Resp: 52055

Ion	Ratio	Lower	Upper
264	100		
260	200.3	19.0	28.6#
265	62.6	17.5	26.3#



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025246.D
Acq On : 24 Jul 2025 17:31
Operator : CG/JU
Sample : Q2481-18 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Quant Time: Jul 24 17:56:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	491208	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	179141	20.000	ng	# 0.00
39) Acenaphthene-d10	14.084	164	511	20.000	ng	# 0.00
64) Phenanthrene-d10	16.884	188	64549	20.000	ng	#-0.01
76) Chrysene-d12	21.336	240	56173	20.000	ng	# 0.01
86) Perylene-d12	24.436	264	1449	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	205	0.007	ng	0.00
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	8.566	82	78756	24.432	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	45810	6081.026	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	181846	5017.008	ng	0.00
79) Terphenyl-d14	19.660	244	59101	20.769	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.208	82	437849	77.240	ng	99
46) 1,1'-Biphenyl	12.872	154	100187	2704.577	ng	98

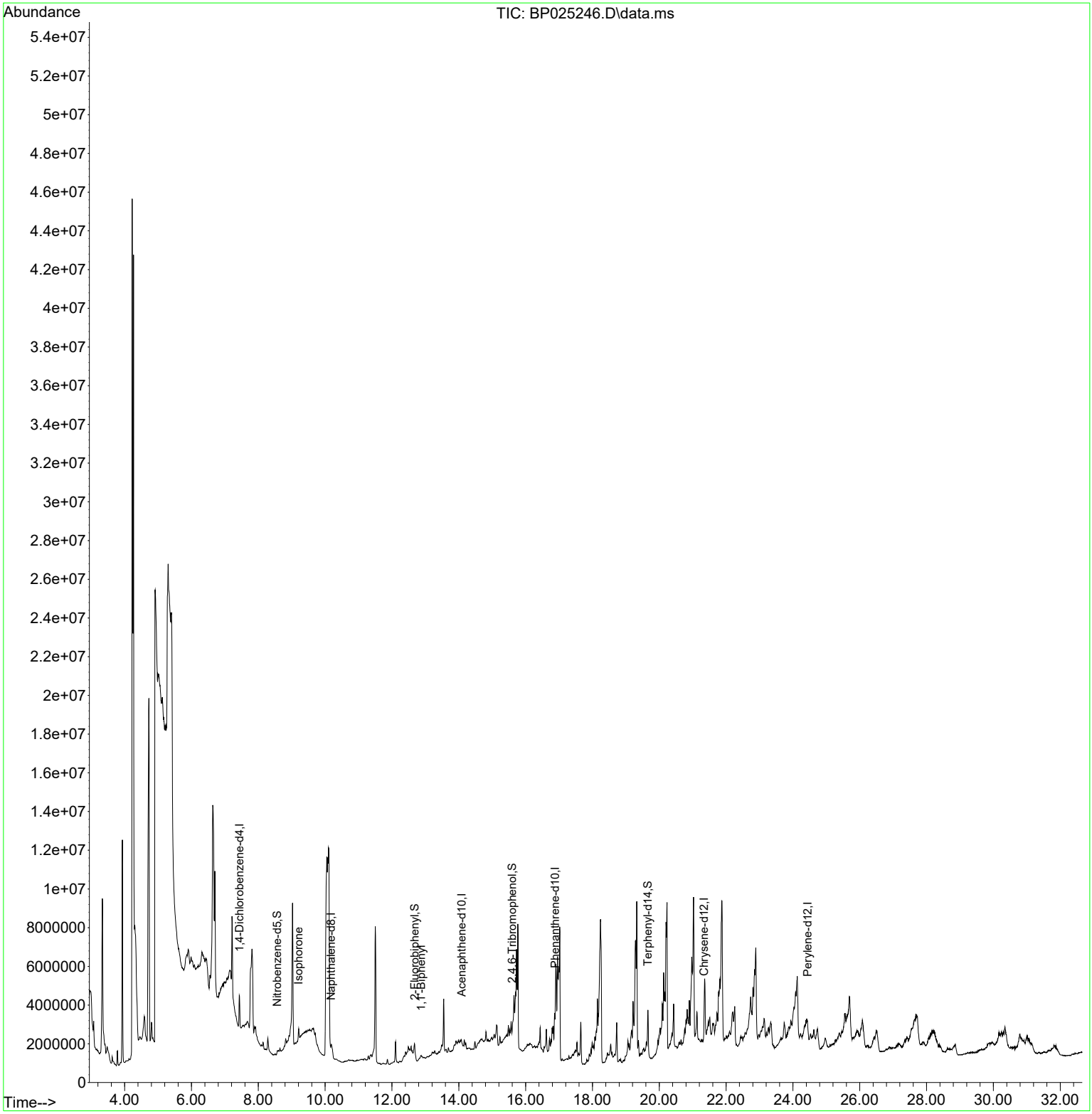
(#) = qualifier out of range (m) = manual integration (+) = signals summed

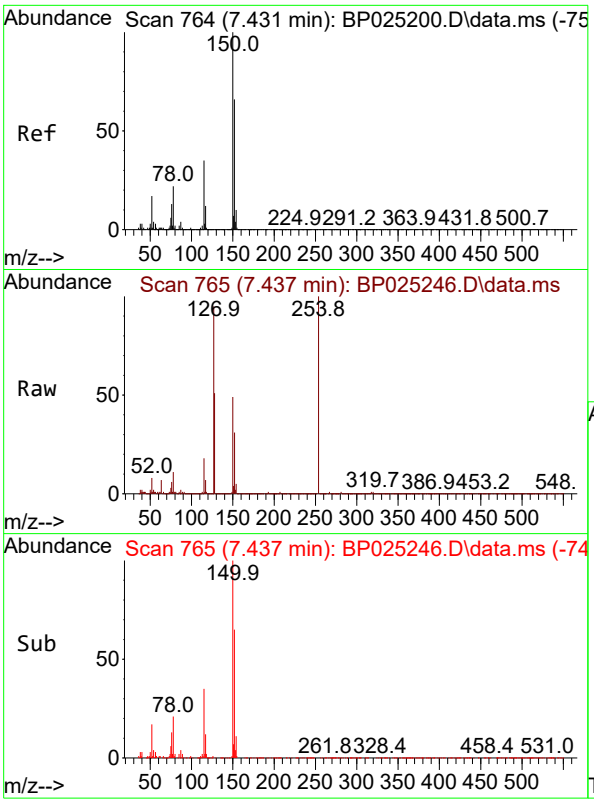
Sample Results: **BP025246.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025246.D
Acq On : 24 Jul 2025 17:31
Operator : CG/JU
Sample : Q2481-18 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Quant Time: Jul 24 17:56:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



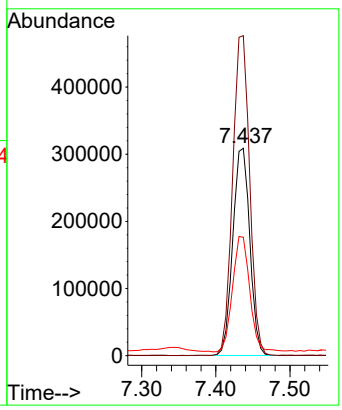


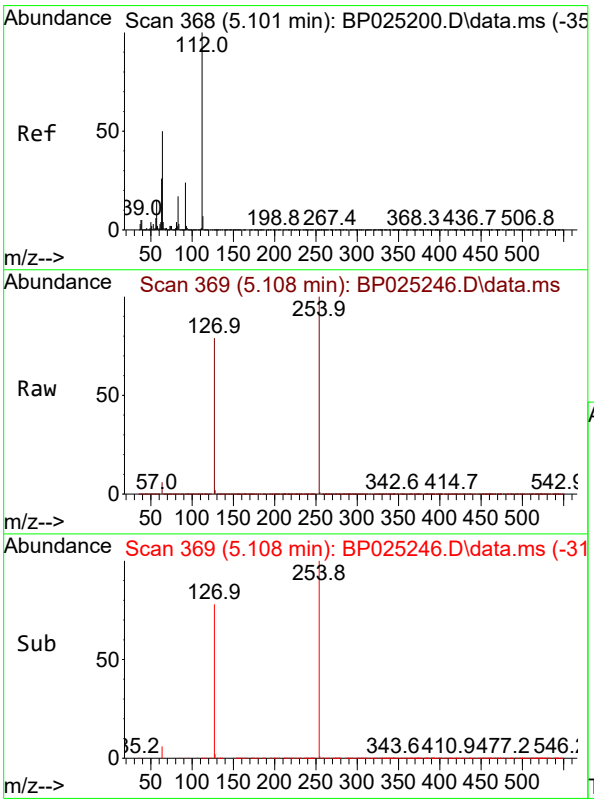
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Tgt Ion:152 Resp: 491208

Ion	Ratio	Lower	Upper
152	100		
150	154.3	121.9	182.9
115	57.1	43.0	64.6

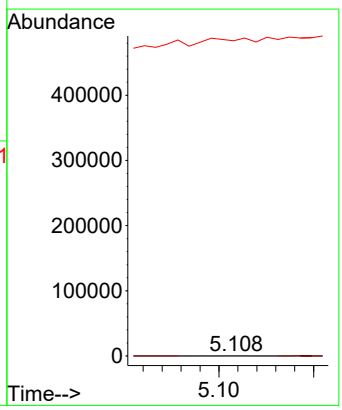


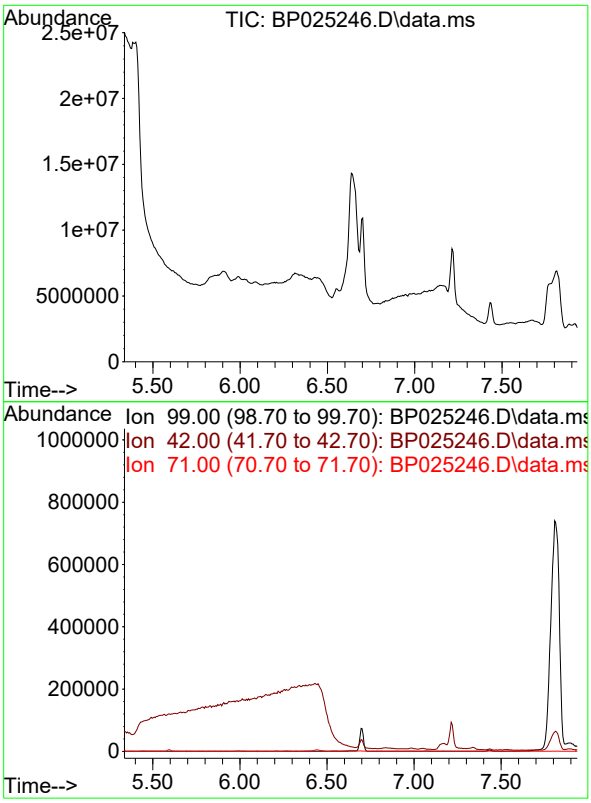


#5
2-Fluorophenol
Concen: 0.007 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion:112 Resp: 205

Ion	Ratio	Lower	Upper
112	100		
64	0.0	39.8	59.6#
63	241760.0	20.5	30.7#





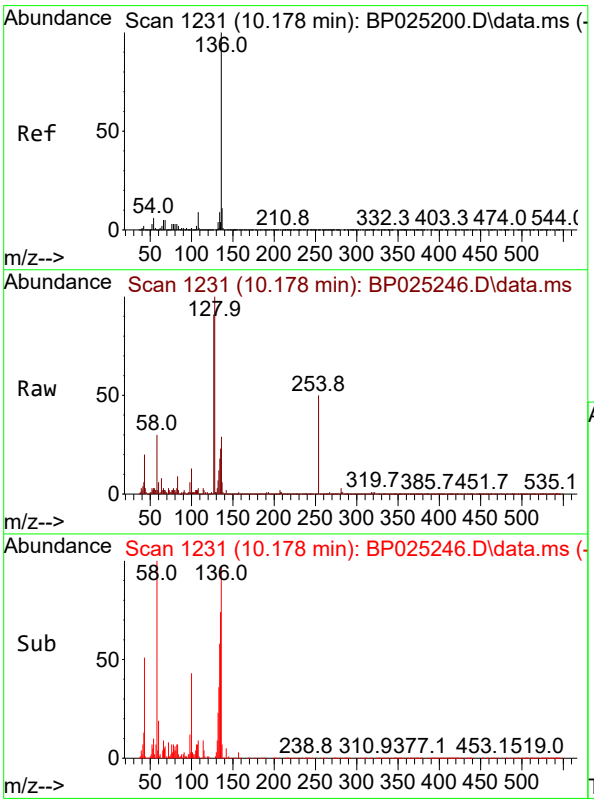
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.64 min

Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Tgt Ion: 99

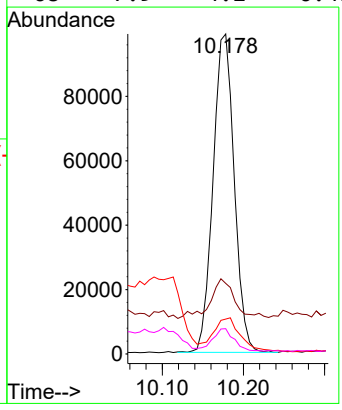
Sig	Exp Ratio
99	100
42	15.6
71	30.2

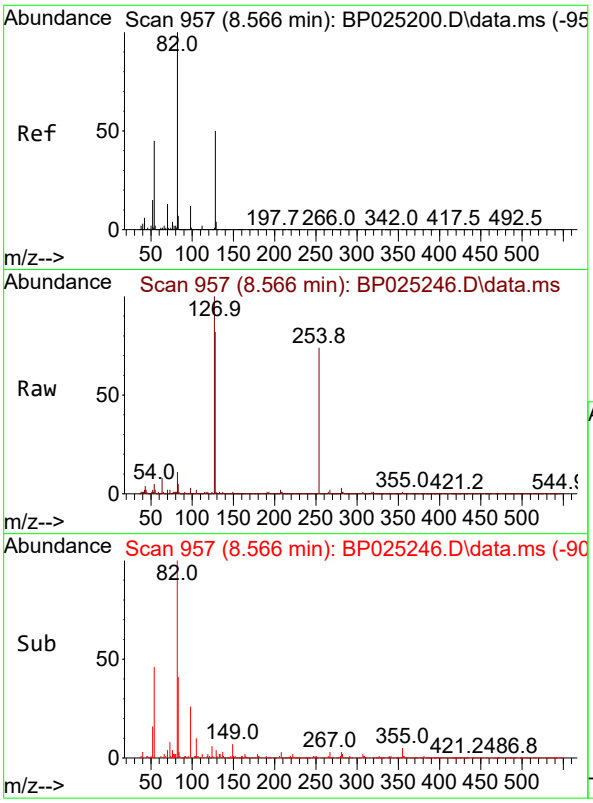


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion:136 Resp: 179141

Ion	Ratio	Lower	Upper
136	100		
137	22.1	8.8	13.2#
54	10.9	5.1	7.7#
68	7.9	4.2	6.4#



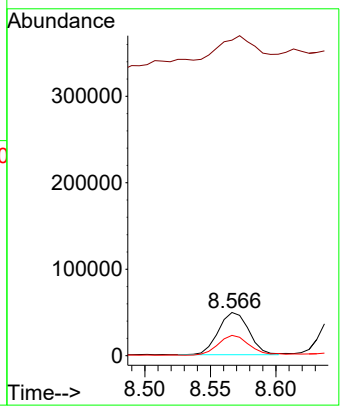


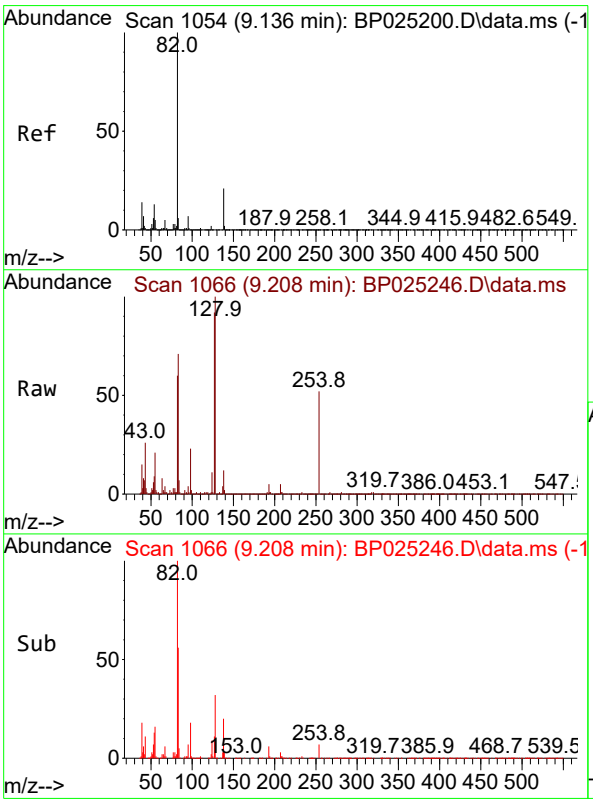
#23
Nitrobenzene-d5
Concen: 24.432 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Tgt Ion: 82 Resp: 78756

Ion	Ratio	Lower	Upper
82	100		
128	729.5	40.2	60.4#
54	47.0	36.3	54.5

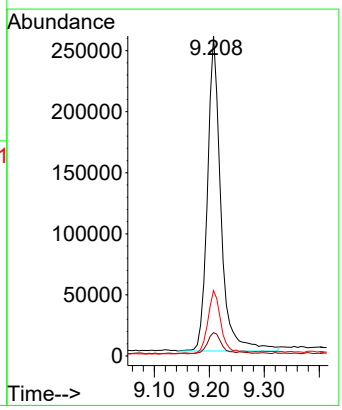


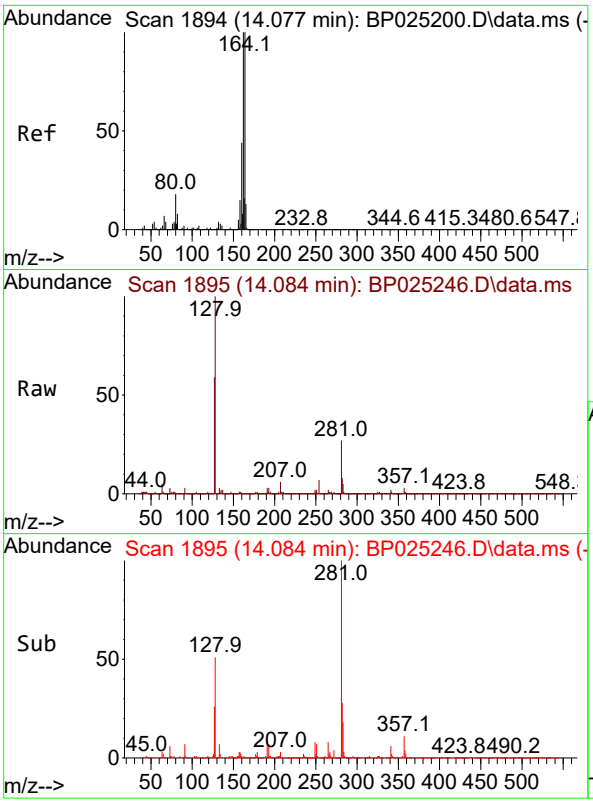


#25
Isophorone
Concen: 77.240 ng
RT: 9.208 min Scan# 1066
Delta R.T. 0.071 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion: 82 Resp: 437849

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	20.4	16.6	25.0



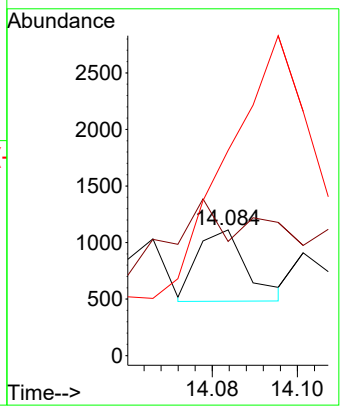


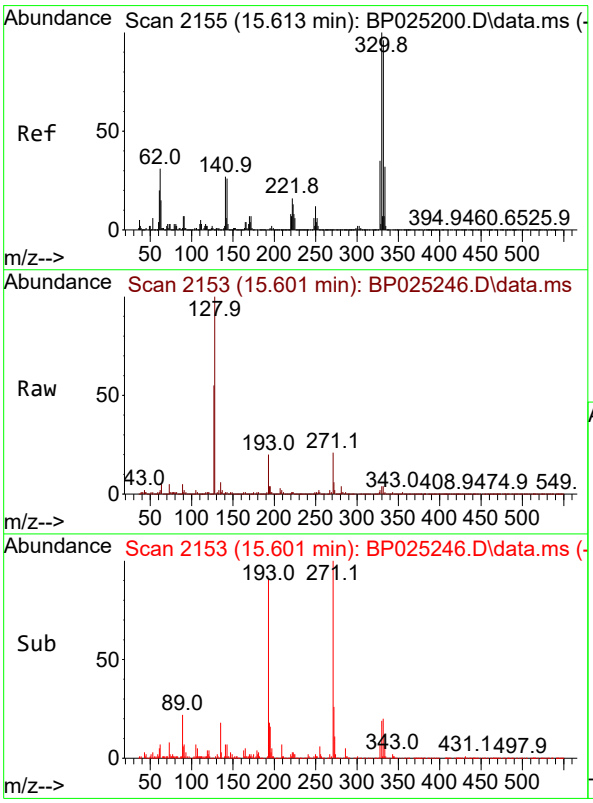
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Tgt Ion:164 Resp: 511

Ion	Ratio	Lower	Upper
164	100		
162	90.8	80.3	120.5
160	163.2	35.7	53.5#

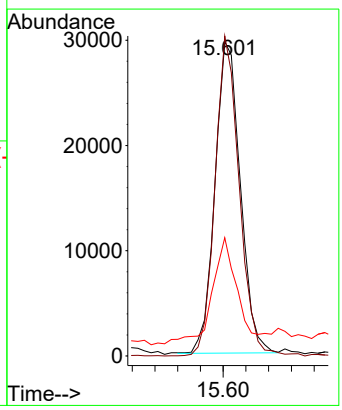


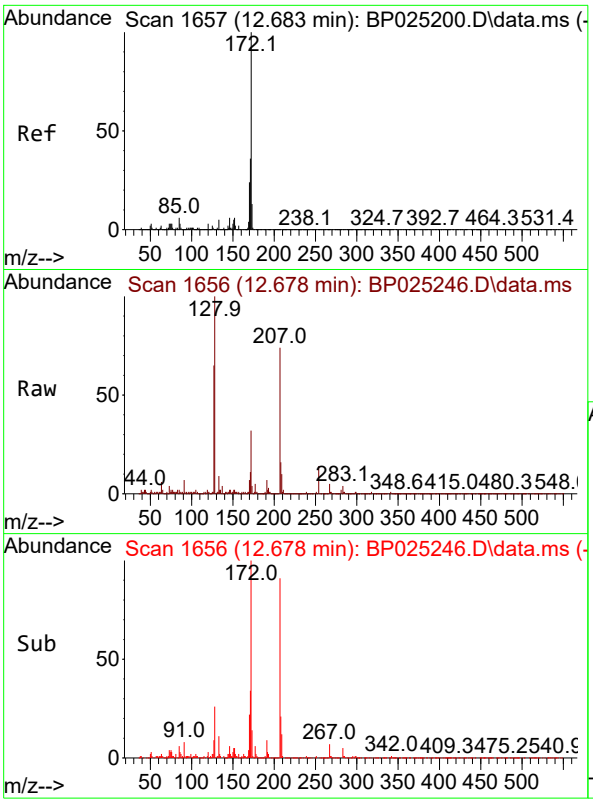


#42
2,4,6-Tribromophenol
Concen: 6081.026 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion:330 Resp: 45810

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.1	115.7
141	33.0	22.4	33.6



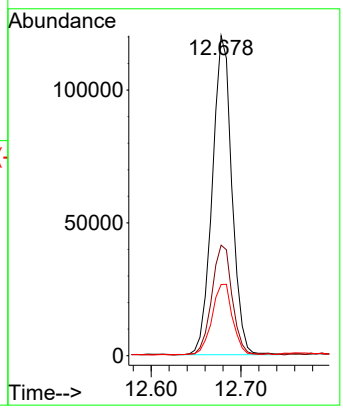


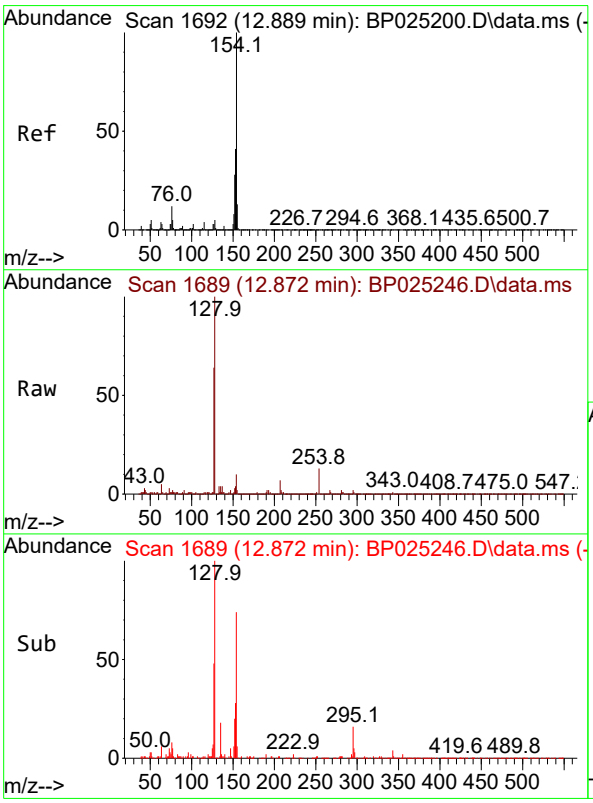
#45
2-Fluorobiphenyl
Concen: 5017.008 ng
RT: 12.678 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Tgt Ion:172 Resp: 181846

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.8	43.2
170	22.2	19.2	28.8

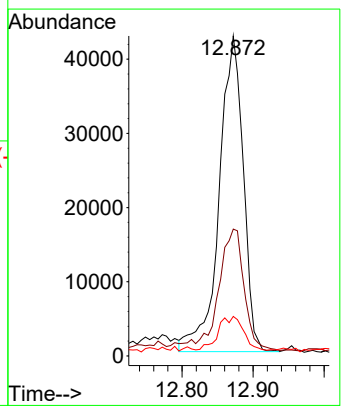


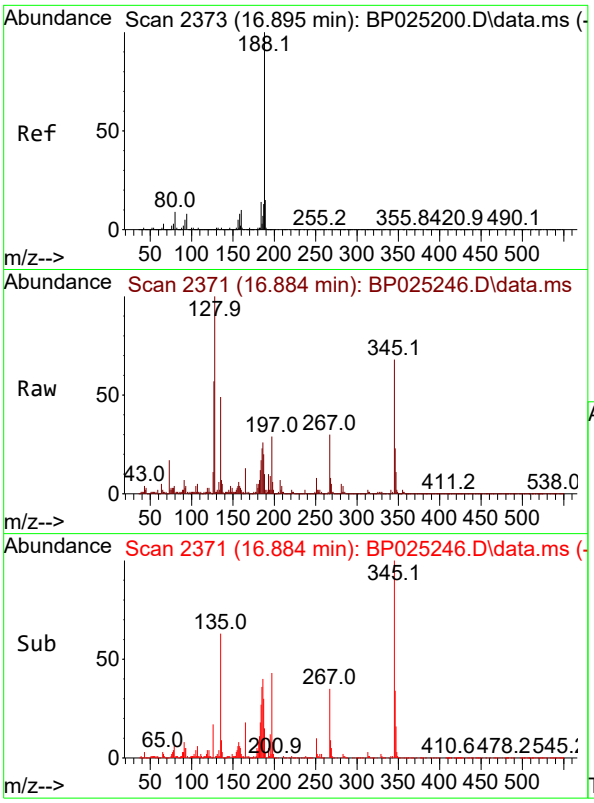


#46
1,1'-Biphenyl
Concen: 2704.577 ng
RT: 12.872 min Scan# 1689
Delta R.T. -0.017 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion:154 Resp: 100187

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.8	60.8
76	12.3	0.0	31.6



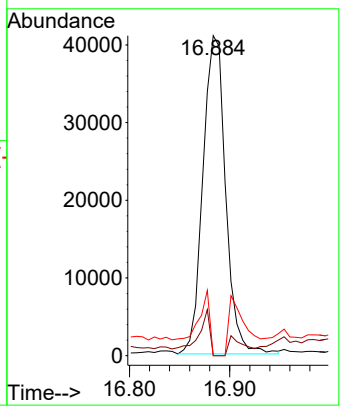


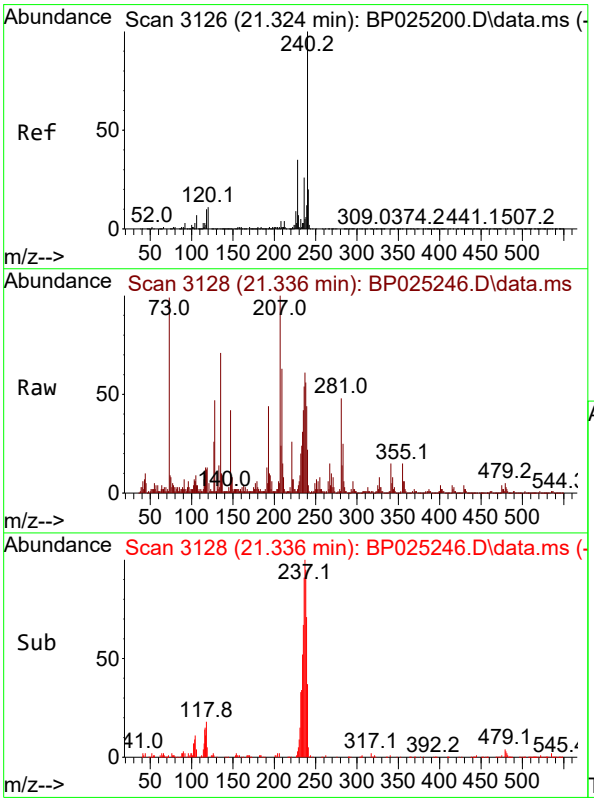
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.884 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Tgt Ion:188 Resp: 64549

Ion	Ratio	Lower	Upper
188	100		
94	0.0	6.8	10.2#
80	0.0	7.3	10.9#

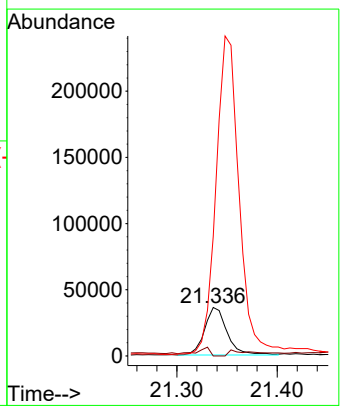


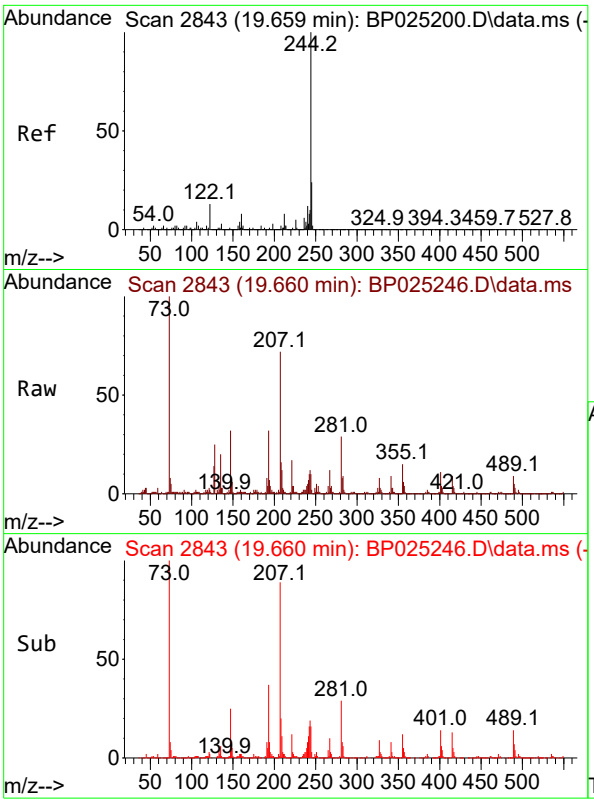


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion:240 Resp: 56173

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.8	13.2#
236	246.8	20.9	31.3#



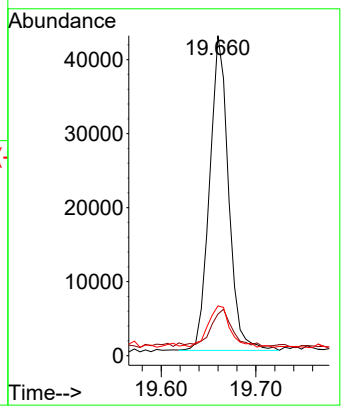


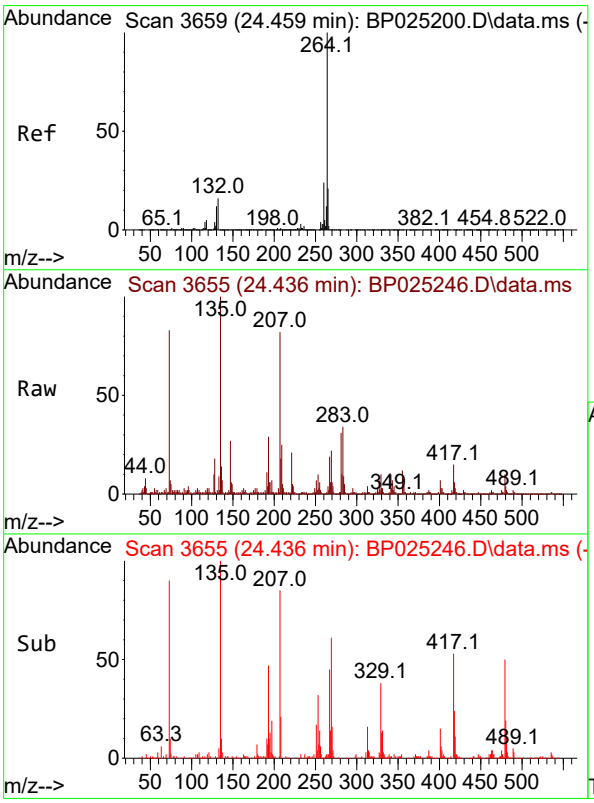
#79
Terphenyl-d14
Concen: 20.769 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

Tgt Ion:244 Resp: 59101

Ion	Ratio	Lower	Upper
244	100		
212	13.0	6.6	9.8#
122	15.6	10.3	15.5#

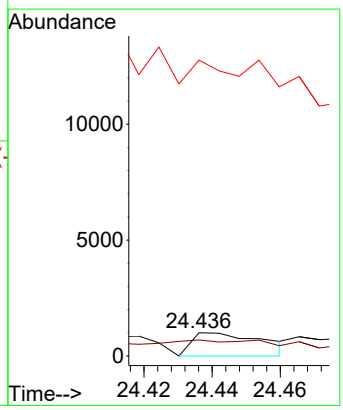




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.436 min Scan# 3655
Delta R.T. -0.023 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion:264 Resp: 1449

Ion	Ratio	Lower	Upper
264	100		
260	69.0	19.0	28.6#
265	1274.4	17.5	26.3#



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025244.D
Acq On : 24 Jul 2025 16:09
Operator : CG/JU
Sample : Q2481-19 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Quant Time: Jul 24 16:35:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

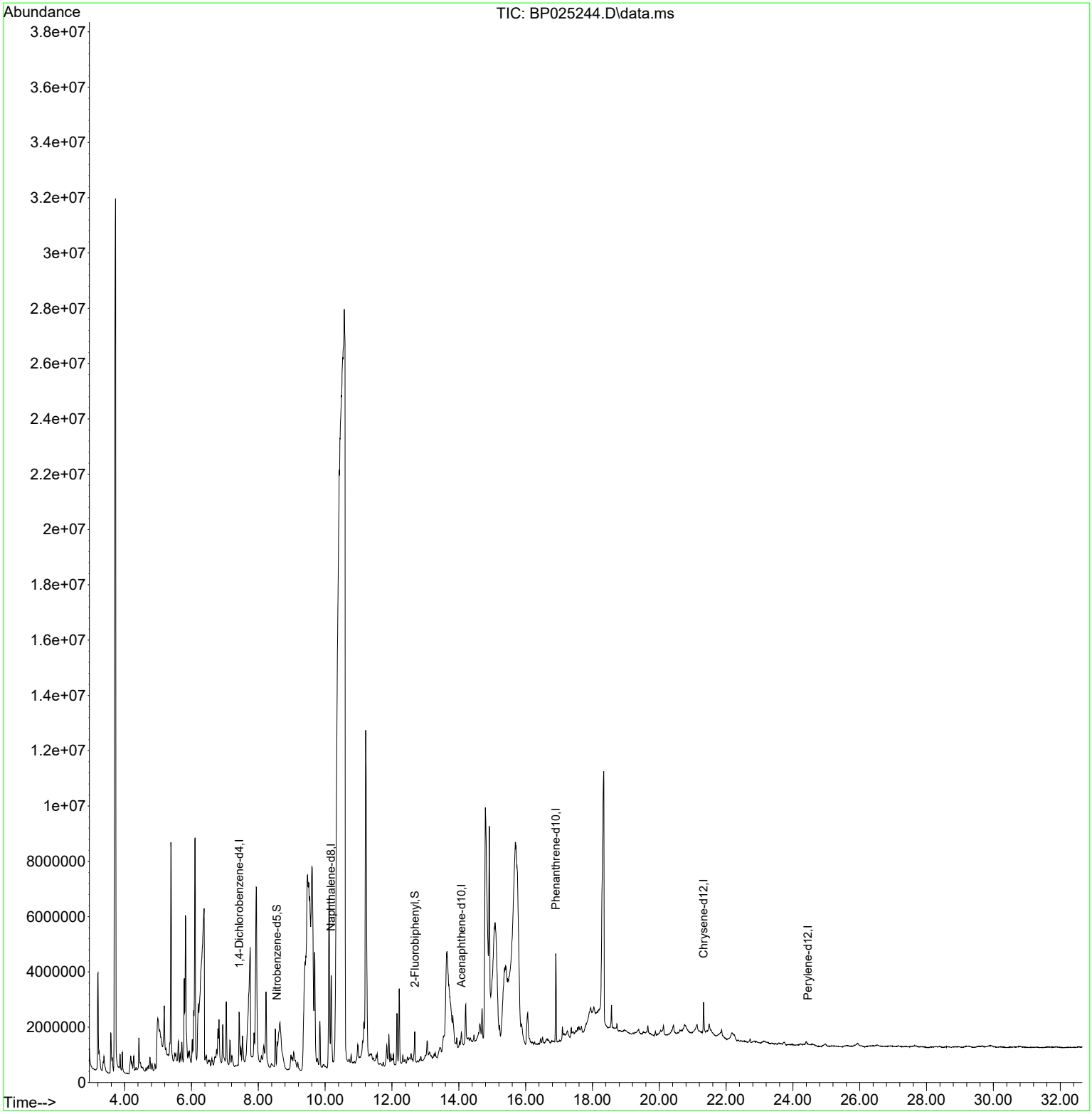
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	540284	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2088015	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	92686	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2017622	20.000	ng	0.00
76) Chrysene-d12	21.325	240	597622	20.000	ng	0.00
86) Perylene-d12	24.442	264	1876	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	8.561	82	415361	11.055	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	12.684	172	434919	66.154	ng	0.00
79) Terphenyl-d14	19.660	244	5531	0.183	ng	0.00
Target Compounds						Qvalue

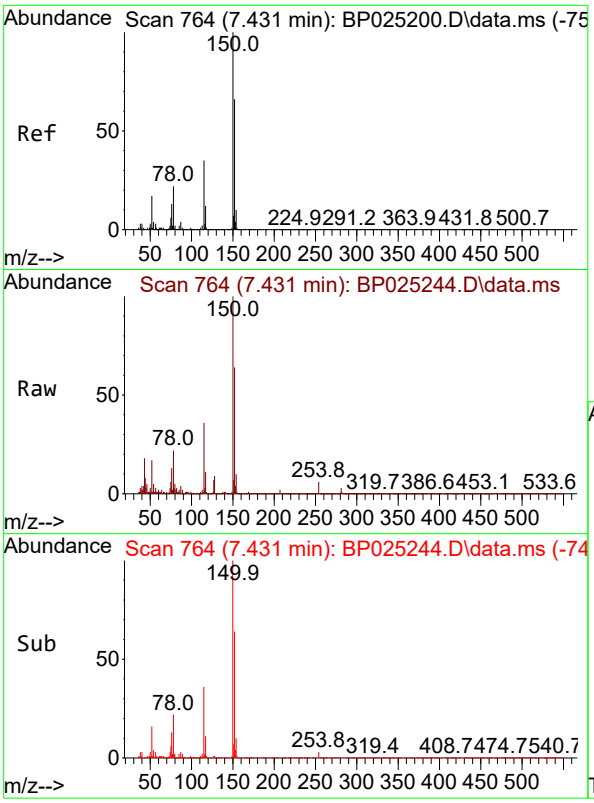
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025244.D
Acq On : 24 Jul 2025 16:09
Operator : CG/JU
Sample : Q2481-19 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Quant Time: Jul 24 16:35:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



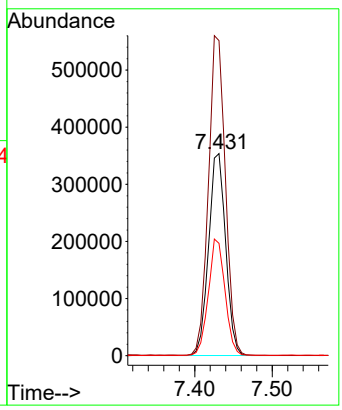


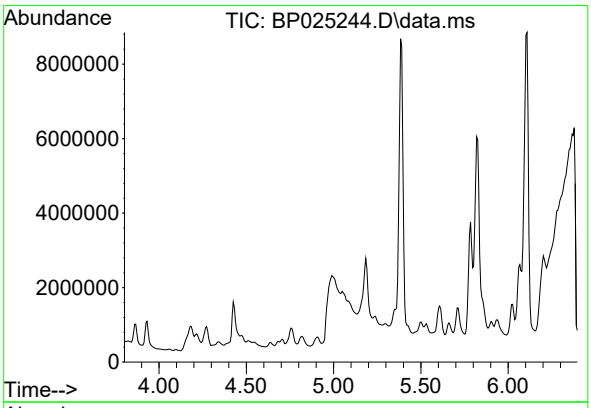
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:152 Resp: 540284

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.9	182.9
115	55.5	43.0	64.6



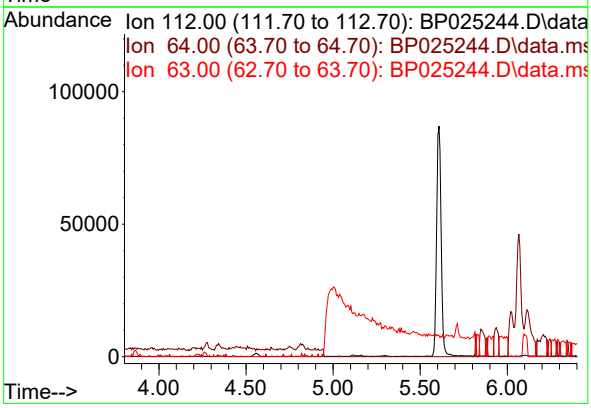


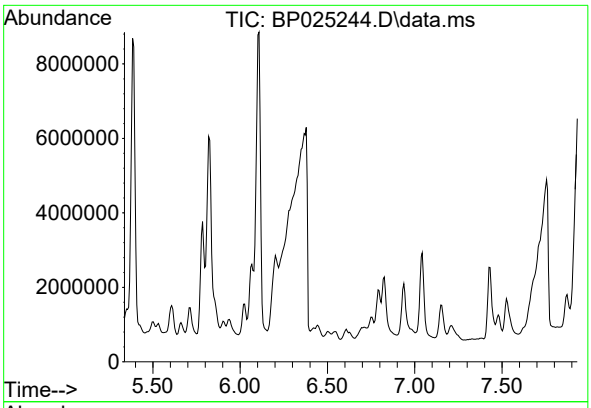
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	49.7
63	25.6





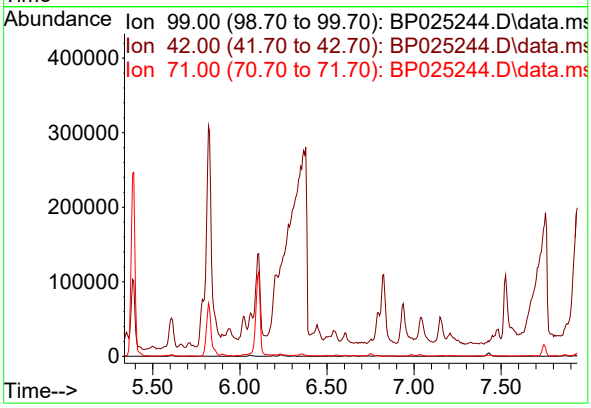
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.64 min

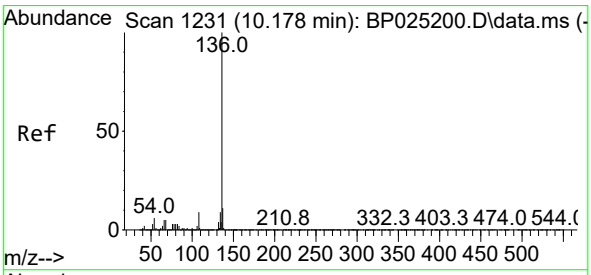
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	15.6
71	30.2

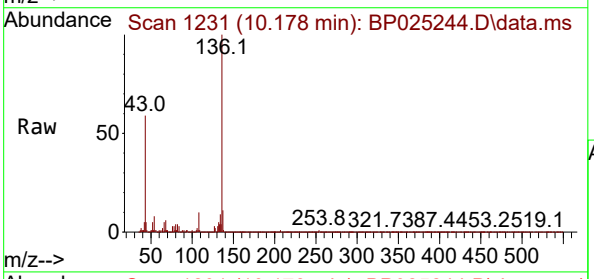


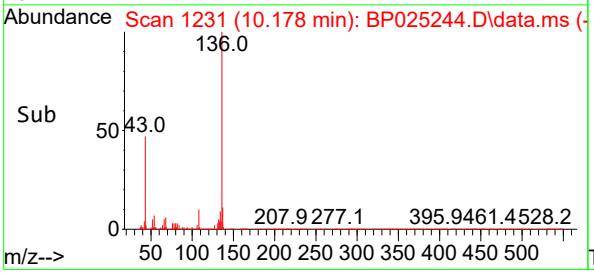


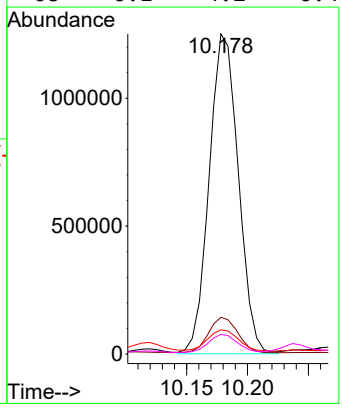
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

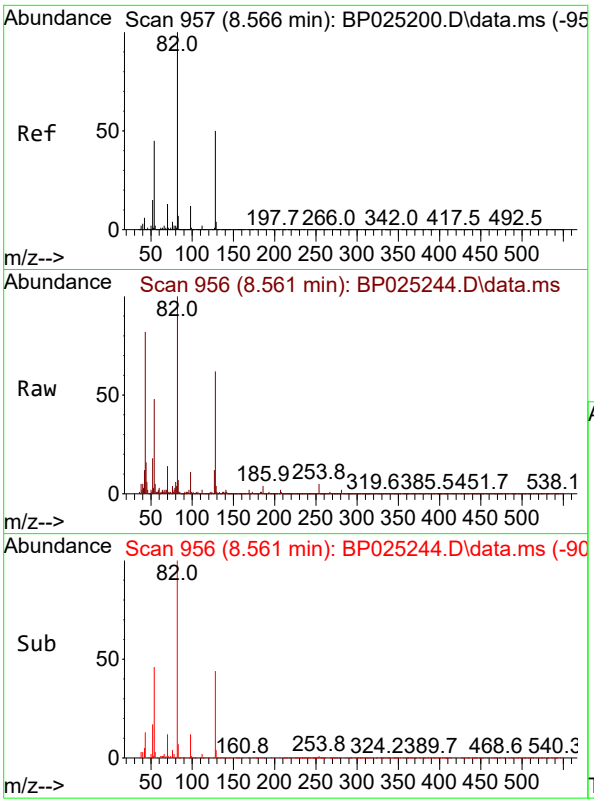
Tgt Ion:136 Resp: 2088015

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.6	5.1	7.7
68	6.1	4.2	6.4







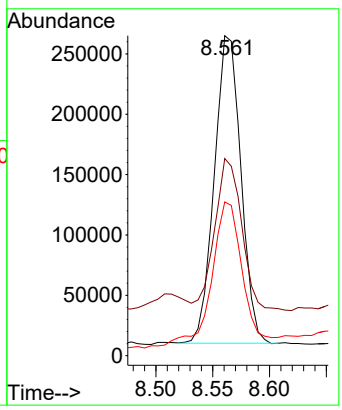


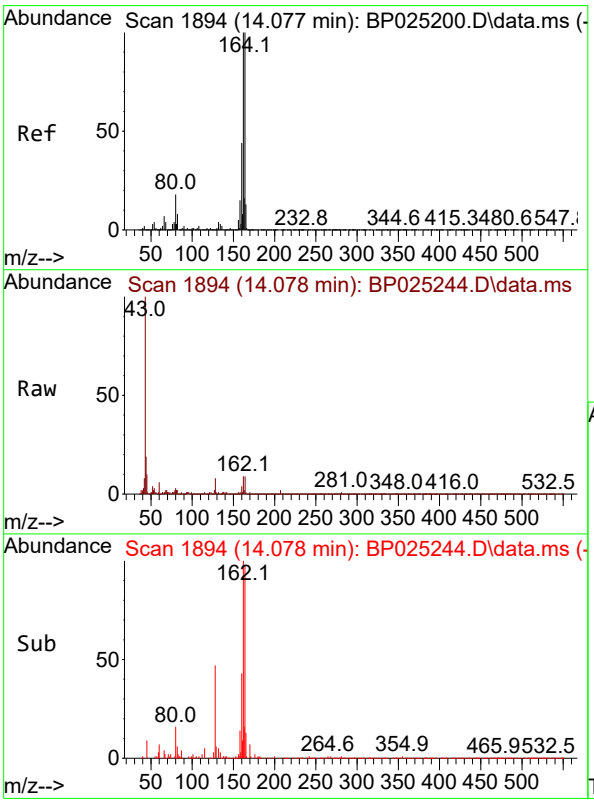
#23
Nitrobenzene-d5
Concen: 11.055 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.005 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Tgt Ion: 82 Resp: 415361

Ion	Ratio	Lower	Upper
82	100		
128	61.6	40.2	60.4#
54	48.1	36.3	54.5

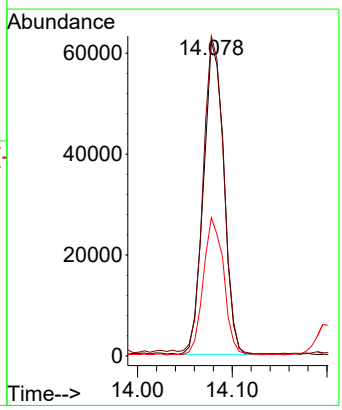


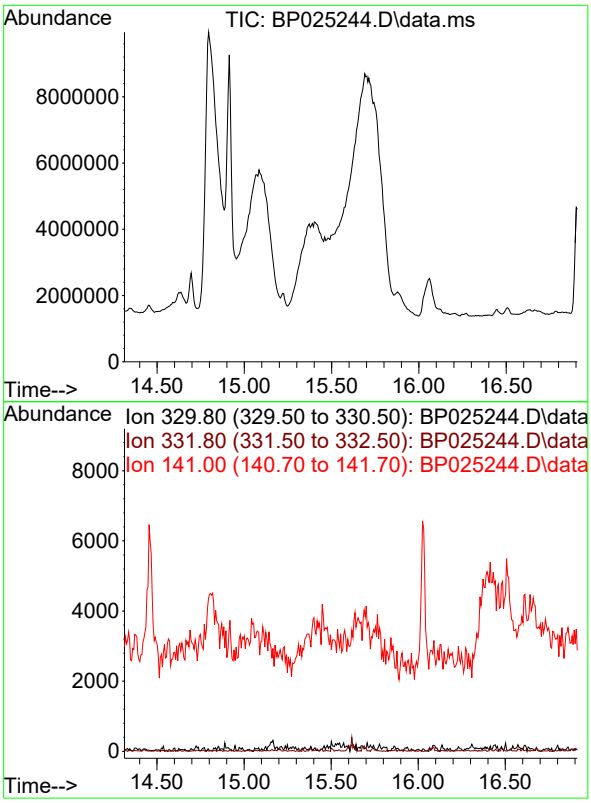


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:164 Resp: 92686

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.3	120.5
160	43.9	35.7	53.5





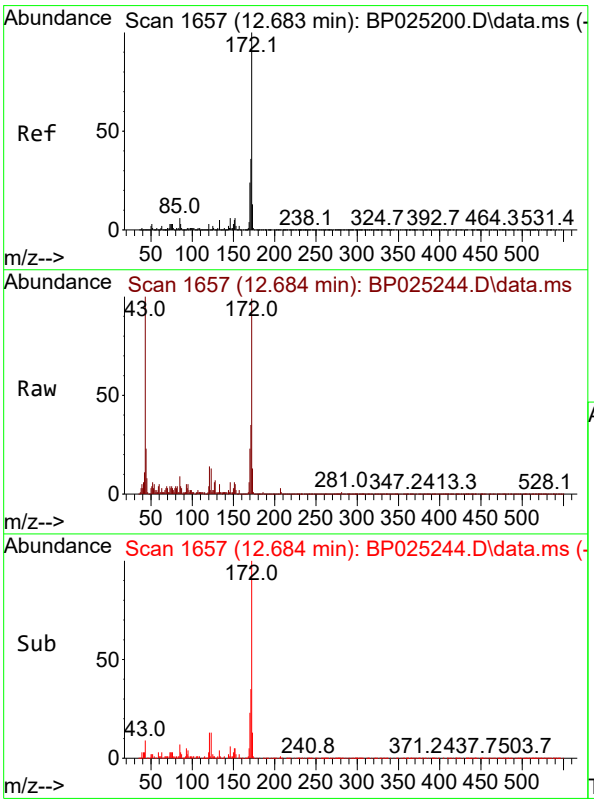
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.61 min

Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Tgt Ion: 330

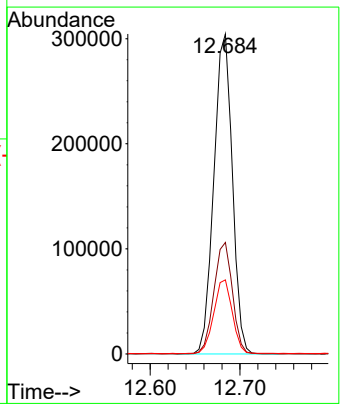
Sig	Exp Ratio
330	100
332	96.4
141	28.0

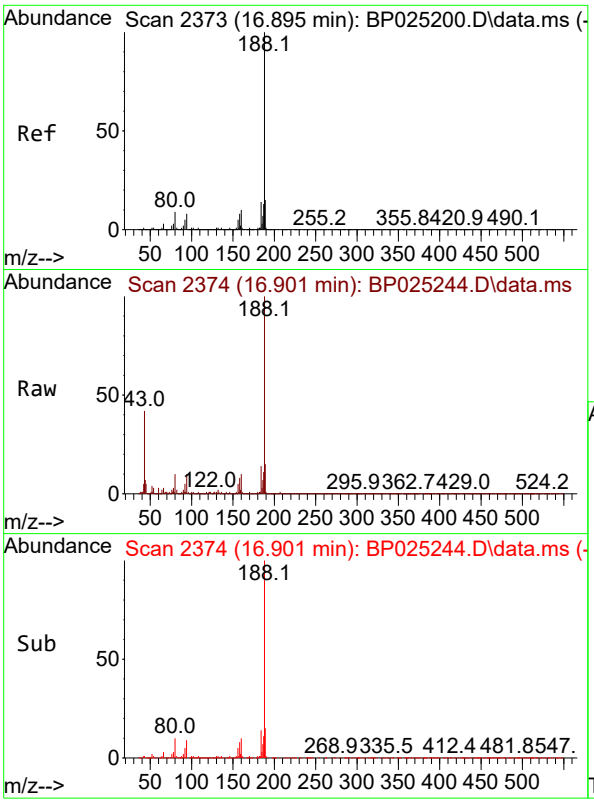


#45
2-Fluorobiphenyl
Concen: 66.154 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:172 Resp: 434919

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.2	19.2	28.8



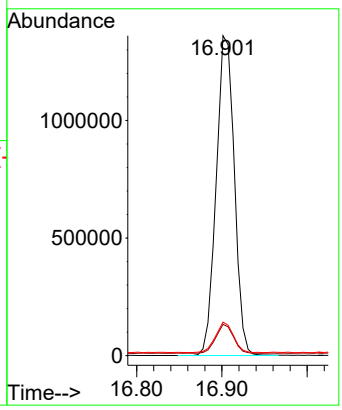


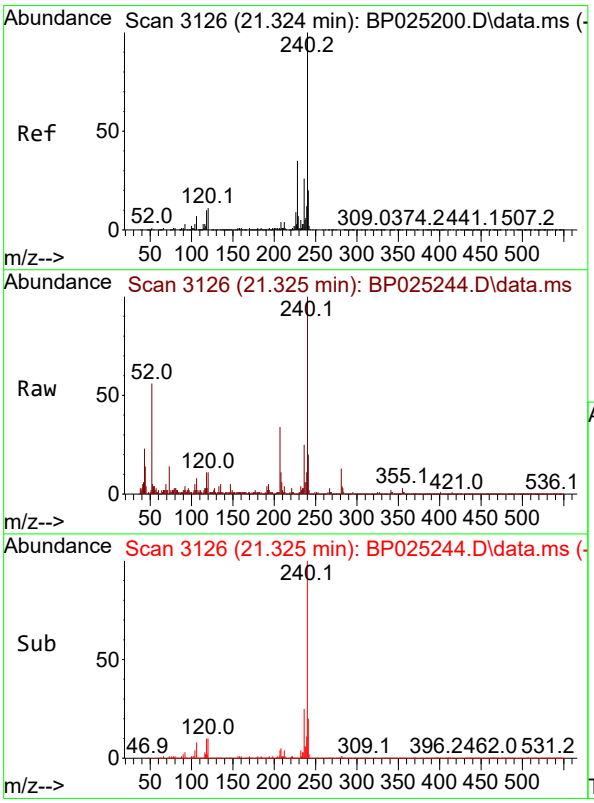
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:188 Resp: 2017622

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.8	10.2
80	10.5	7.3	10.9

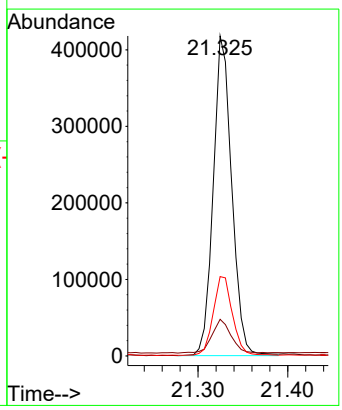


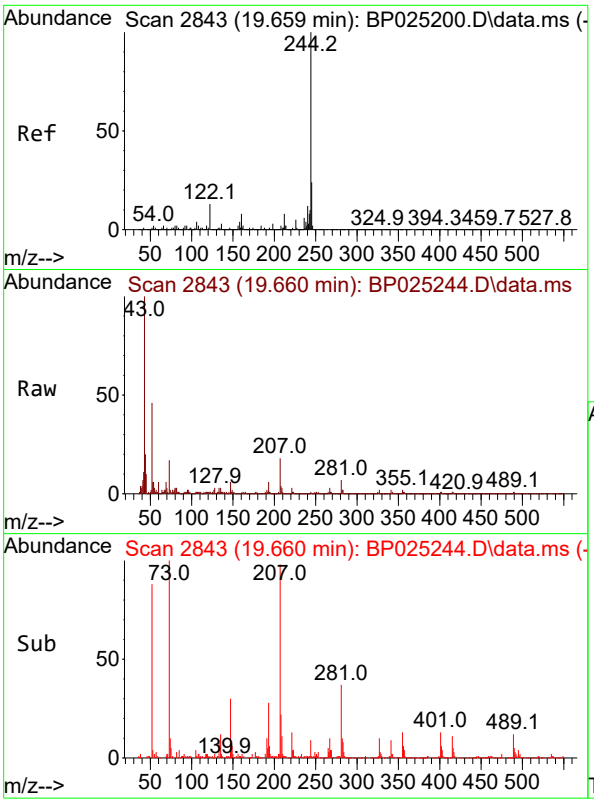


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:240 Resp: 597622

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	24.8	20.9	31.3



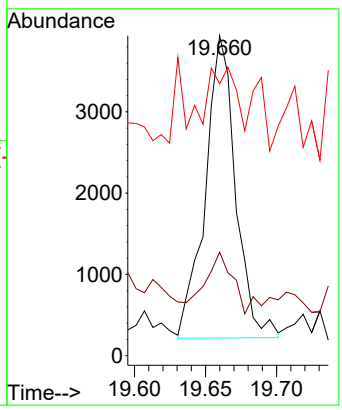


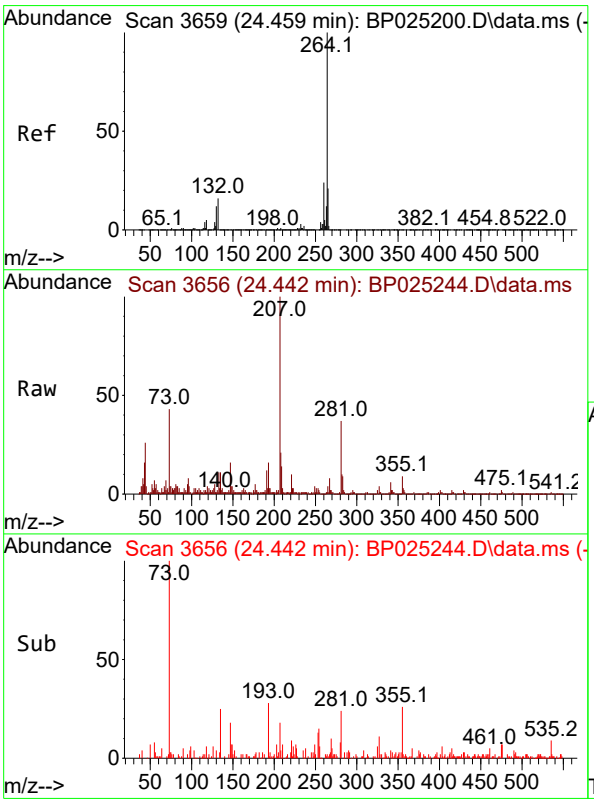
#79
Terphenyl-d14
Concen: 0.183 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Instrument :
BNA_P
ClientSampleId :
CC0627-CLOXAL

Tgt Ion:244 Resp: 5531

Ion	Ratio	Lower	Upper
244	100		
212	32.4	6.6	9.8#
122	85.0	10.3	15.5#

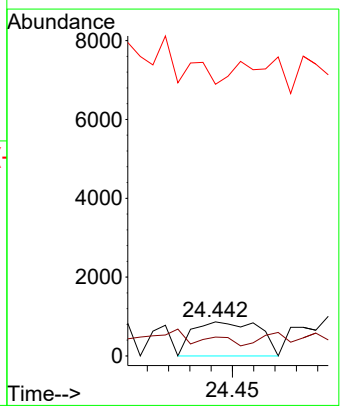




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 3656
Delta R.T. -0.017 min
Lab File: BP025244.D
Acq: 24 Jul 2025 16:09

Tgt Ion:264 Resp: 1876

Ion	Ratio	Lower	Upper
264	100		
260	55.2	19.0	28.6#
265	796.1	17.5	26.3#



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025243.D
Acq On : 24 Jul 2025 15:27
Operator : CG/JU
Sample : Q2481-20 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Quant Time: Jul 24 16:03:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

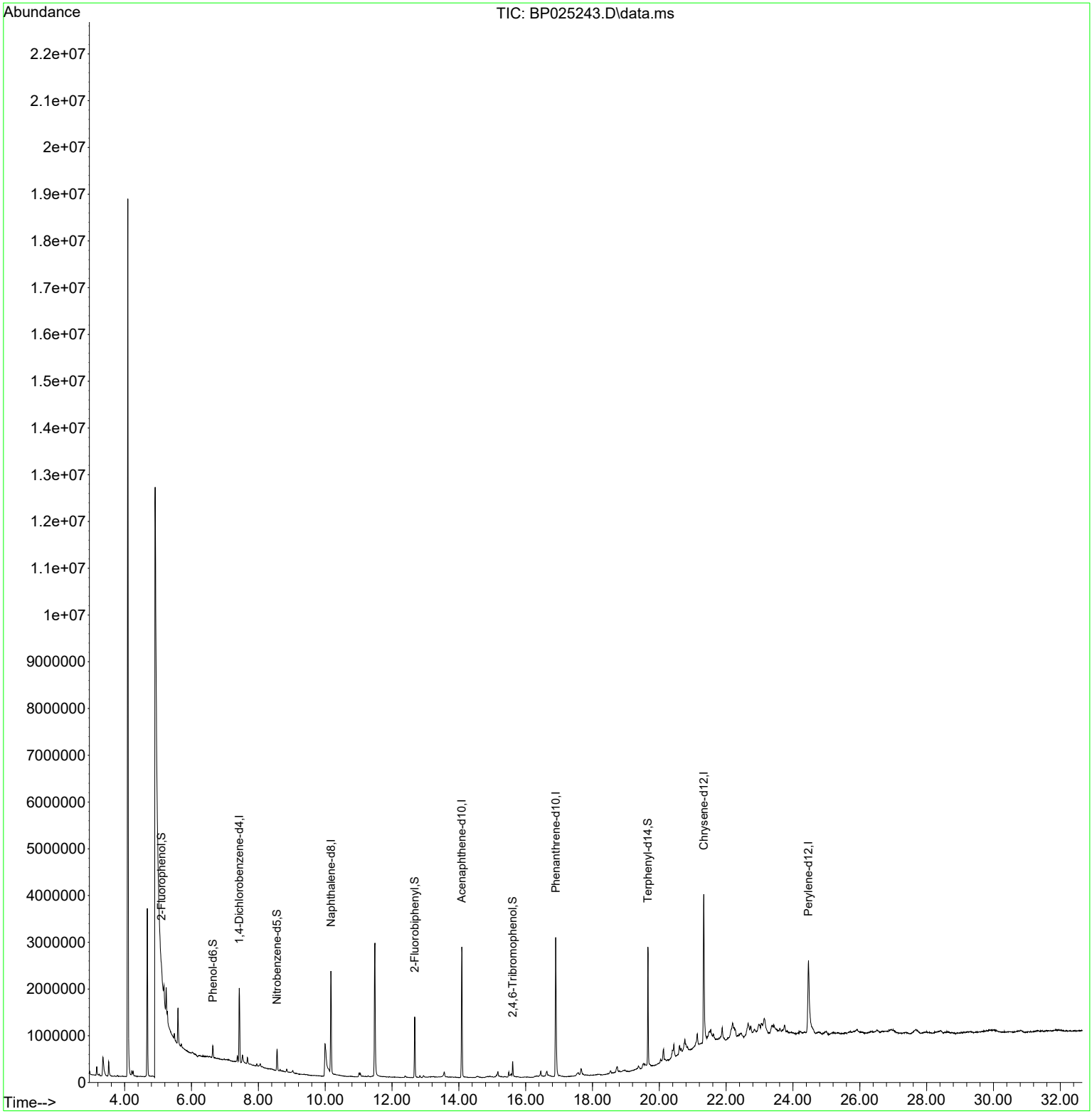
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	469209	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1835534	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1050767	20.000	ng	0.01
64) Phenanthrene-d10	16.901	188	2259814	20.000	ng	0.00
76) Chrysene-d12	21.330	240	2324570	20.000	ng	0.00
86) Perylene-d12	24.465	264	1651308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.101	112	66254	2.386	ng	0.00
7) Phenol-d6	6.643	99	133099	3.870	ng	0.00
23) Nitrobenzene-d5	8.560	82	287376	8.701	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	64520	4.165	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	742053	9.956	ng	0.00
79) Terphenyl-d14	19.660	244	1175554	9.983	ng	0.00
Target Compounds						Qvalue

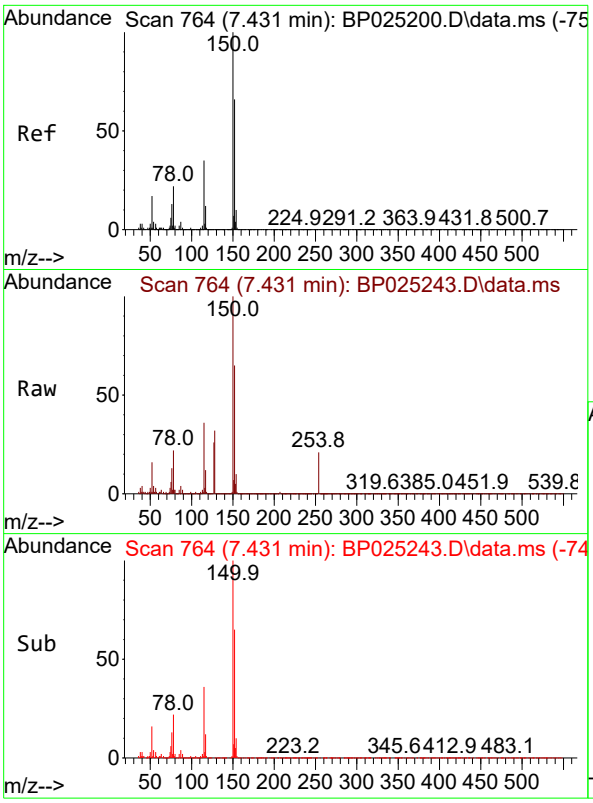
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
Data File : BP025243.D
Acq On : 24 Jul 2025 15:27
Operator : CG/JU
Sample : Q2481-20 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Quant Time: Jul 24 16:03:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



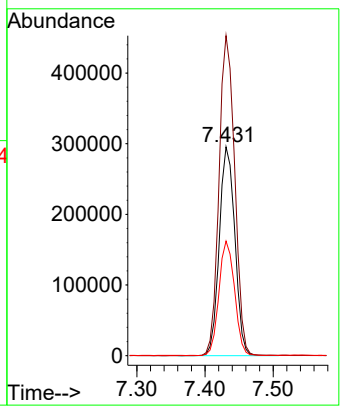


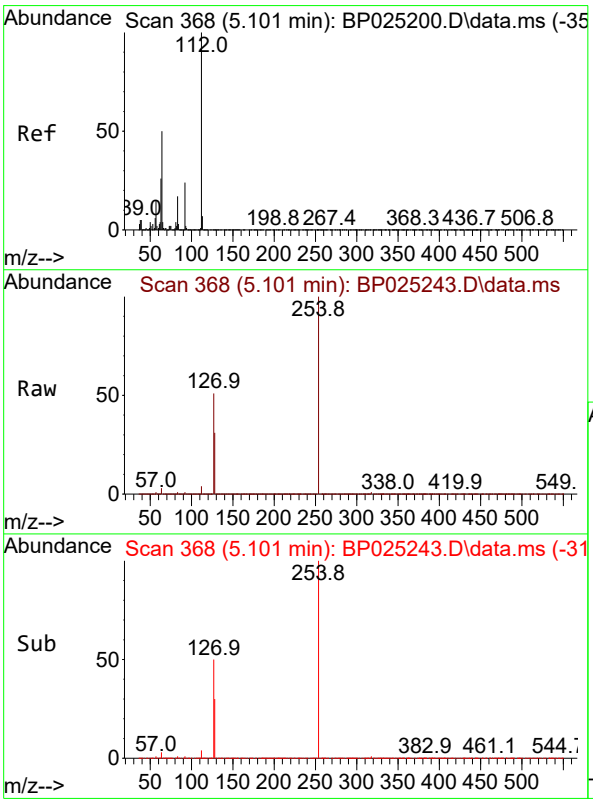
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Tgt Ion:152 Resp: 469209

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.9	182.9
115	54.8	43.0	64.6

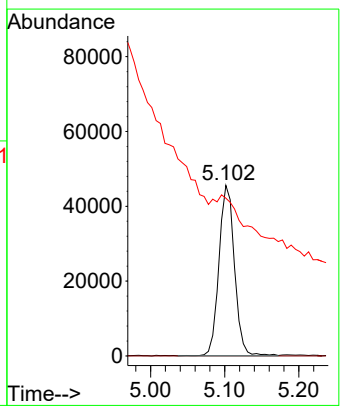


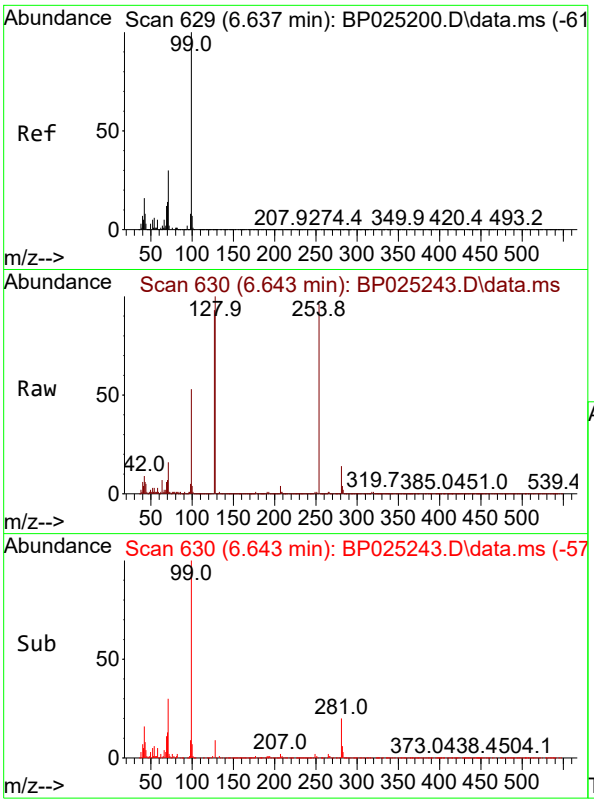


#5
2-Fluorophenol
Concen: 2.386 ng
RT: 5.101 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:112 Resp: 66254

Ion	Ratio	Lower	Upper
112	100		
64	0.0	39.8	59.6#
63	92.5	20.5	30.7#



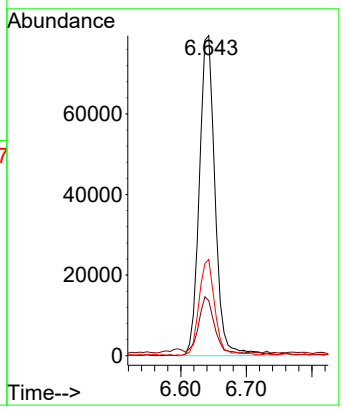


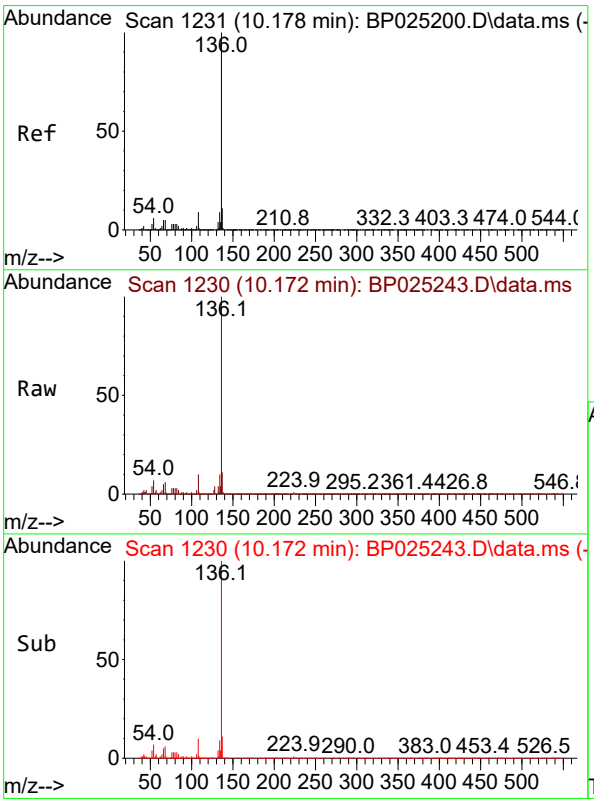
#7
Phenol-d6
Concen: 3.870 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Tgt Ion: 99 Resp: 133099

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.5	18.7
71	30.1	24.2	36.2

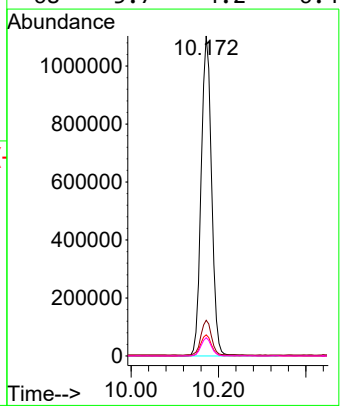


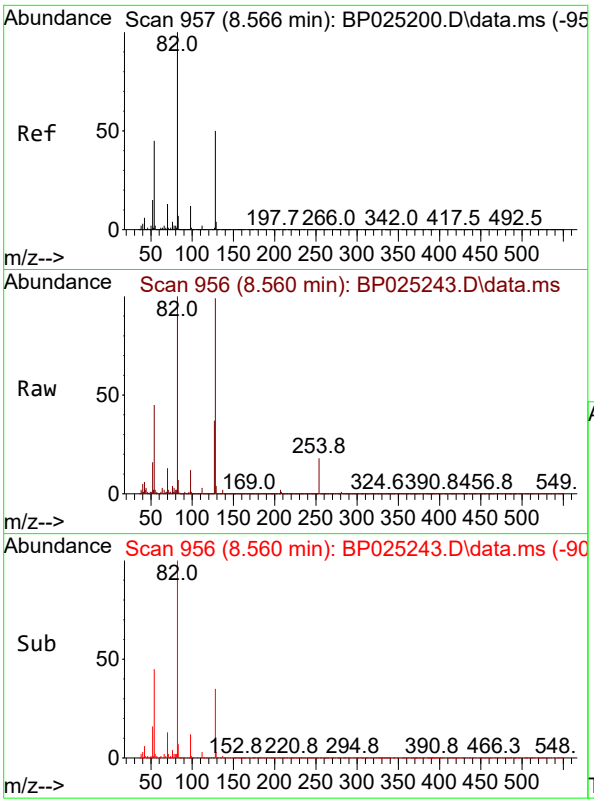


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:136 Resp: 1835534

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.6	5.1	7.7
68	5.7	4.2	6.4



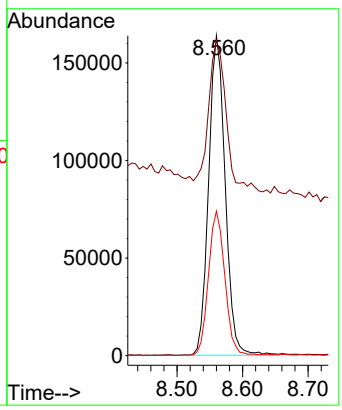


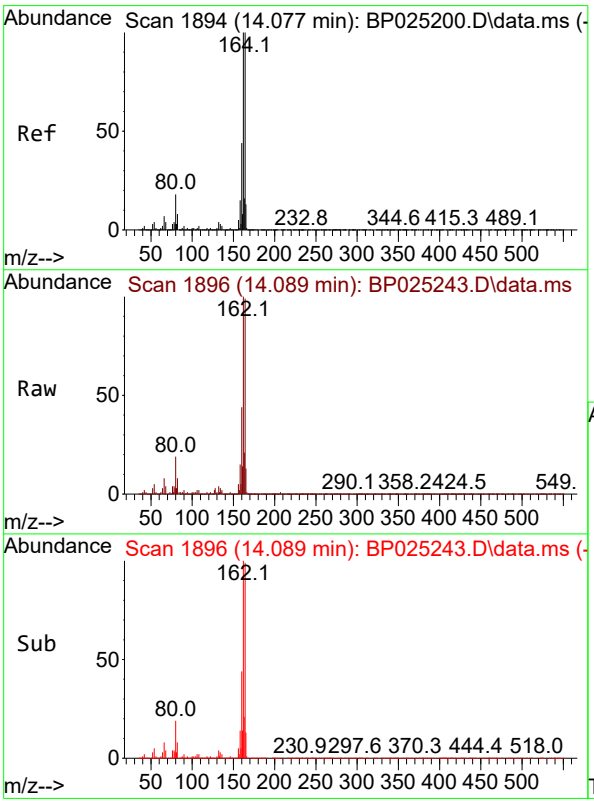
#23
Nitrobenzene-d5
Concen: 8.701 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Tgt Ion: 82 Resp: 287376

Ion	Ratio	Lower	Upper
82	100		
128	98.6	40.2	60.4#
54	45.2	36.3	54.5

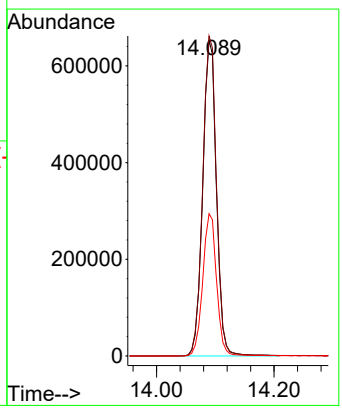


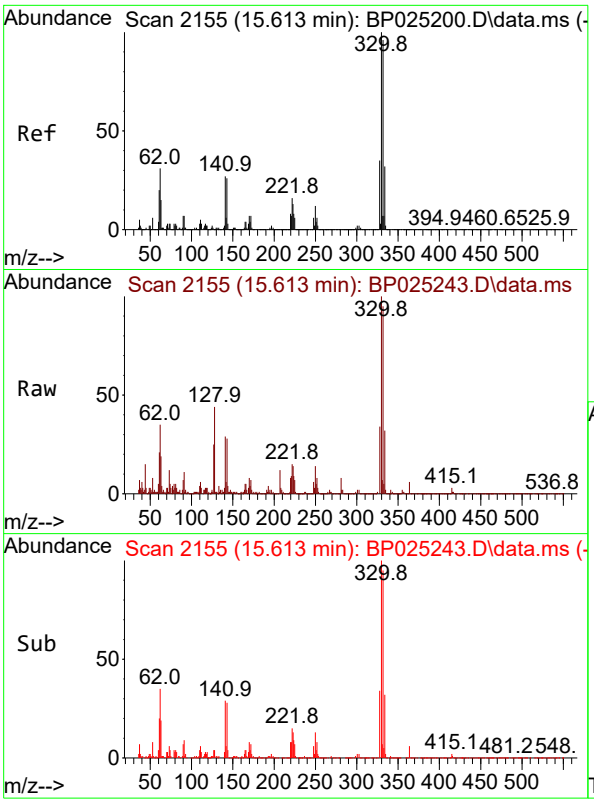


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:164 Resp: 1050767

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.3	120.5
160	45.0	35.7	53.5



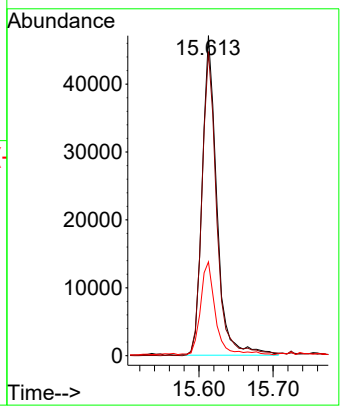


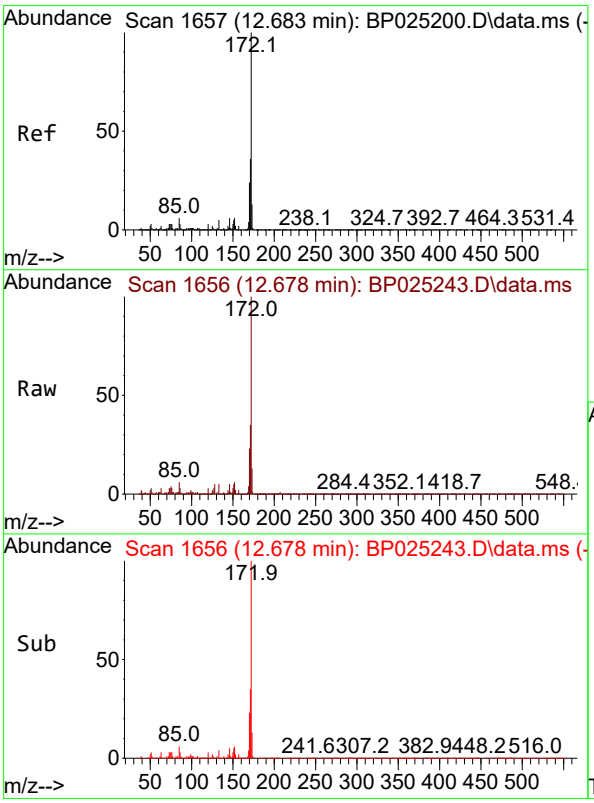
#42
2,4,6-Tribromophenol
Concen: 4.165 ng
RT: 15.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Tgt Ion:330 Resp: 64520

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	29.4	22.4	33.6

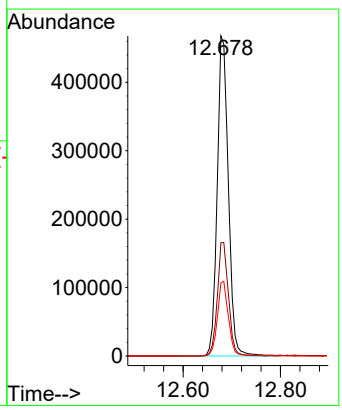


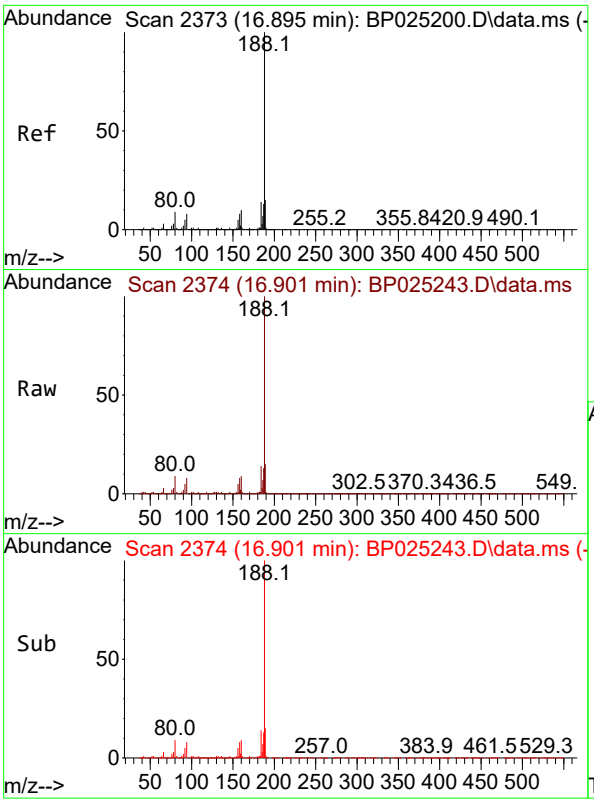


#45
2-Fluorobiphenyl
Concen: 9.956 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:172 Resp: 742053

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	22.8	19.2	28.8



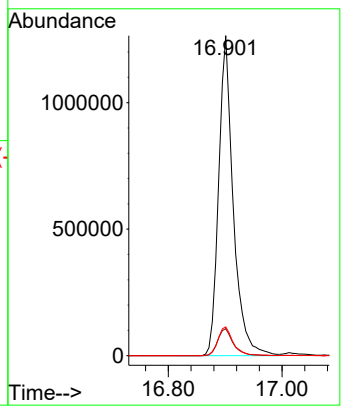


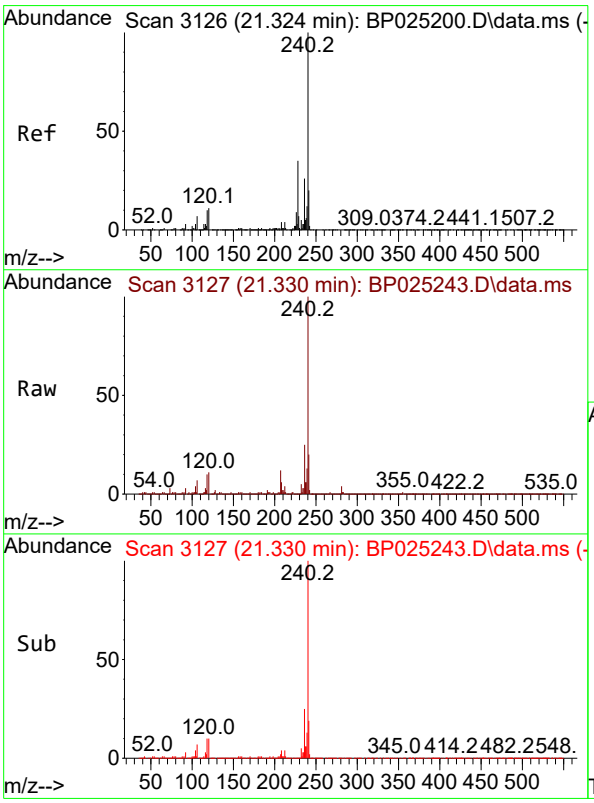
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Tgt Ion:188 Resp: 2259814

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	9.0	7.3	10.9

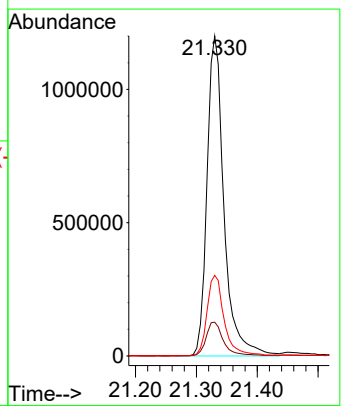


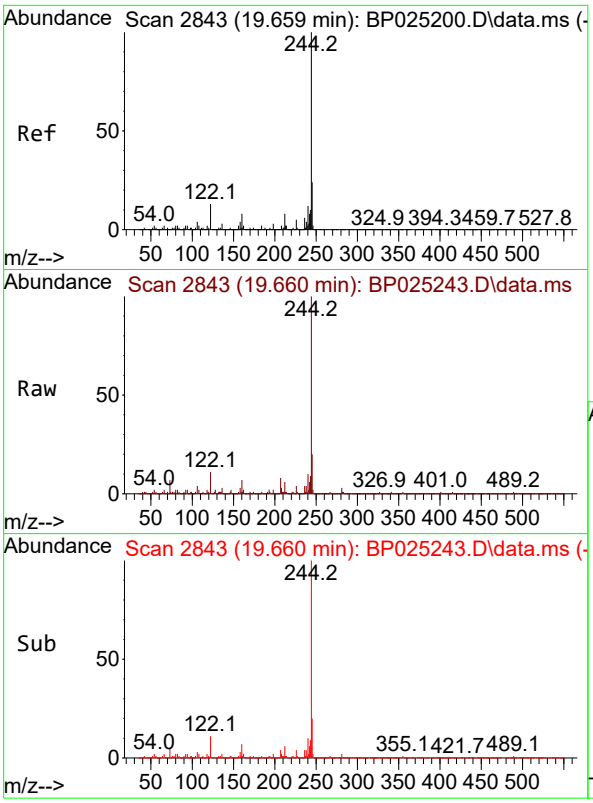


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:240 Resp: 2324570

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	25.2	20.9	31.3



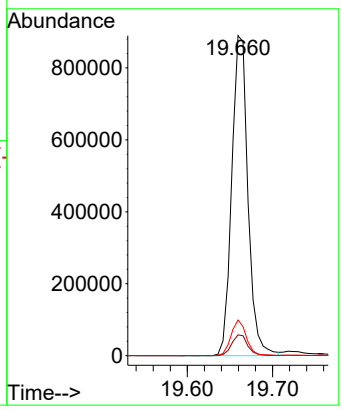


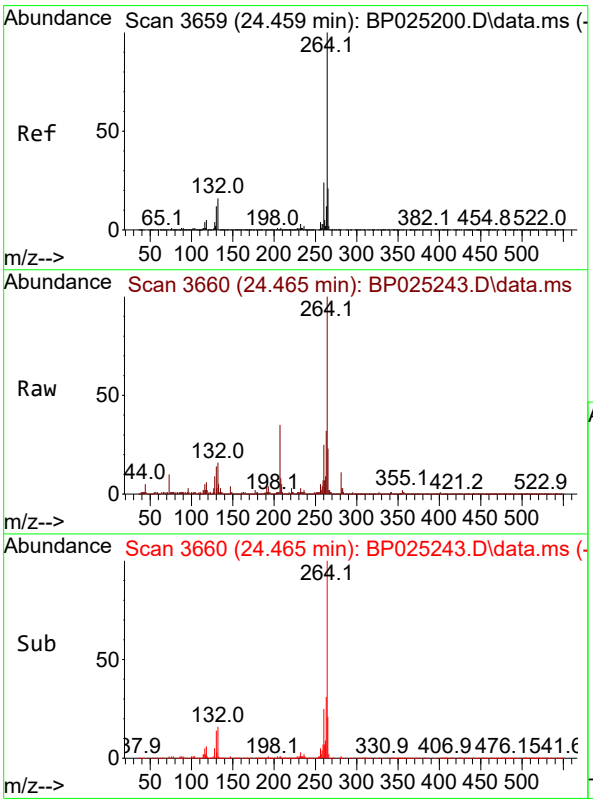
#79
Terphenyl-d14
Concen: 9.983 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Instrument :
BNA_P
ClientSampleId :
CC0627-BL

Tgt Ion:244 Resp: 1175554

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.6	9.8#
122	11.1	10.3	15.5

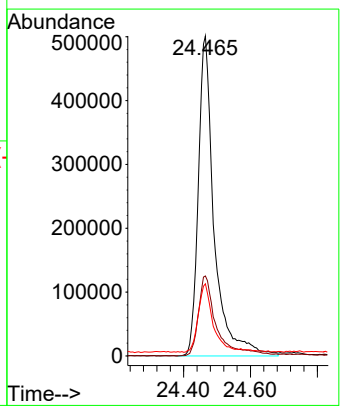




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:264 Resp: 1651308

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.6
265	22.5	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143230.D
Acq On : 24 Jul 2025 13:32
Operator : RC/JU
Sample : Q2481-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Quant Time: Jul 24 13:59:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

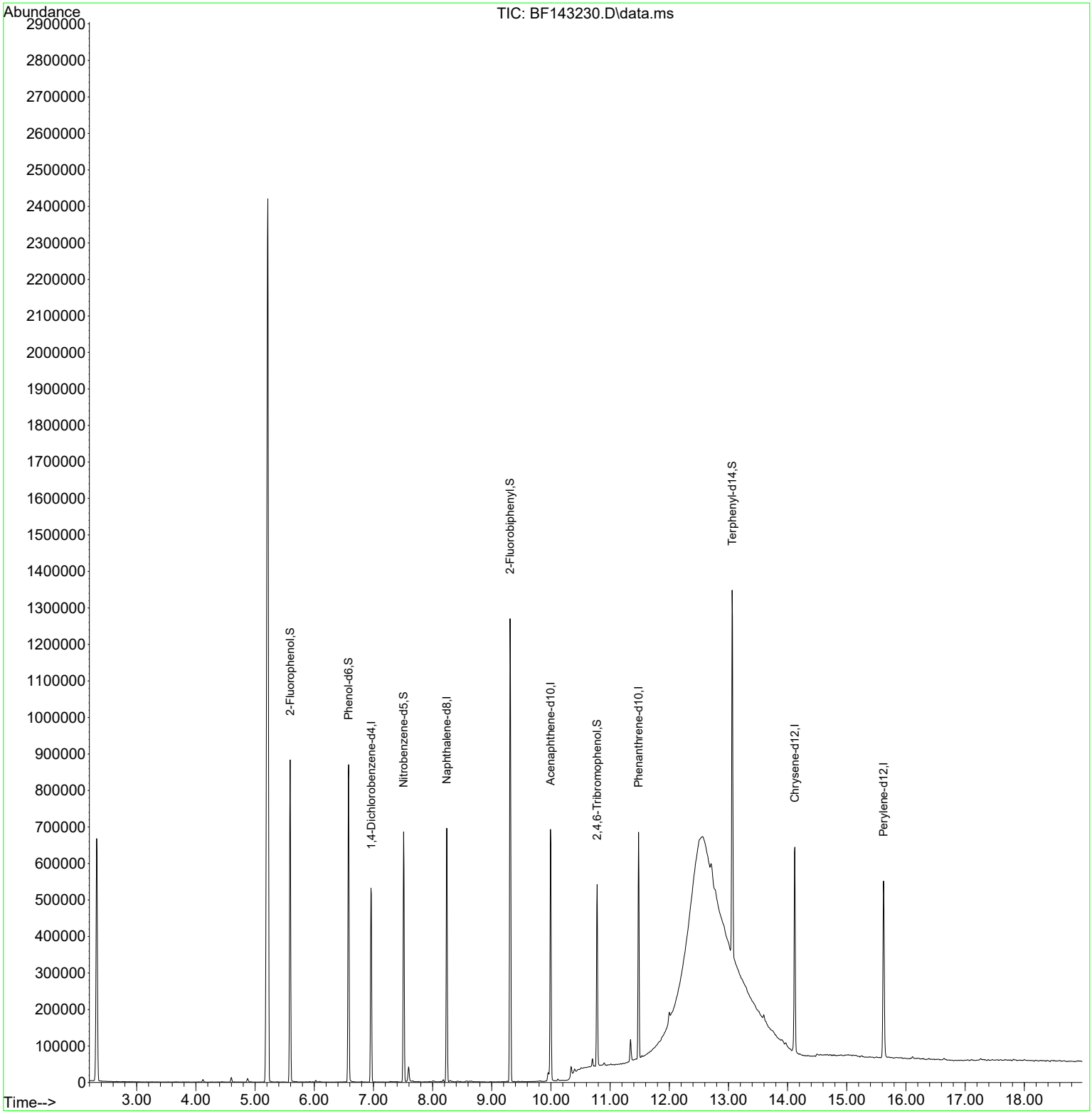
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111301	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	417726	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	204004	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	306414	20.000	ng	0.00
76) Chrysene-d12	14.121	240	273841	20.000	ng	0.00
86) Perylene-d12	15.621	264	286158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	301290	42.837	ng	0.00
7) Phenol-d6	6.581	99	381267	43.067	ng	0.00
23) Nitrobenzene-d5	7.510	82	282063	33.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	80367	38.134	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	549625	36.846	ng	-0.01
79) Terphenyl-d14	13.063	244	489287	26.589	ng	0.00
Target Compounds						Qvalue

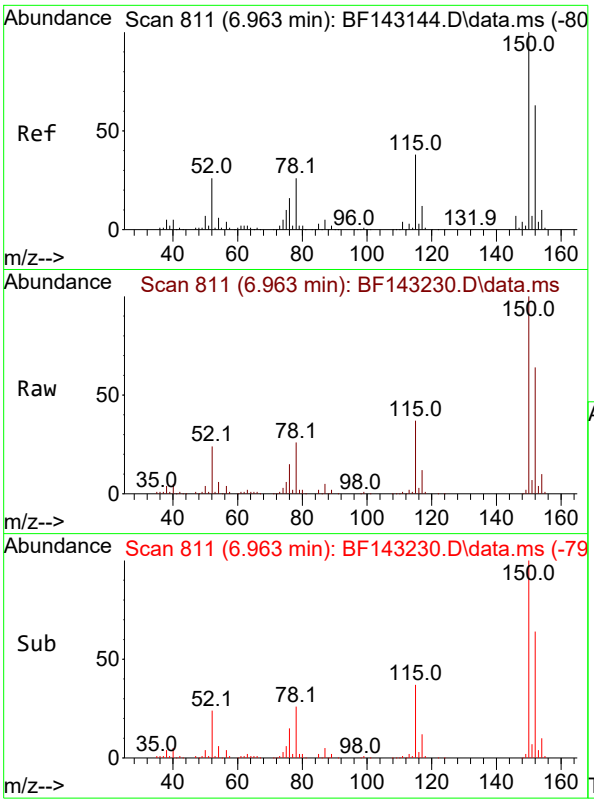
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143230.D
Acq On : 24 Jul 2025 13:32
Operator : RC/JU
Sample : Q2481-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Quant Time: Jul 24 13:59:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



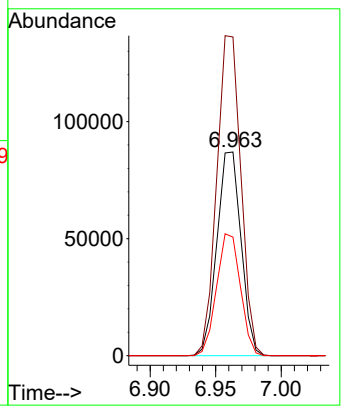


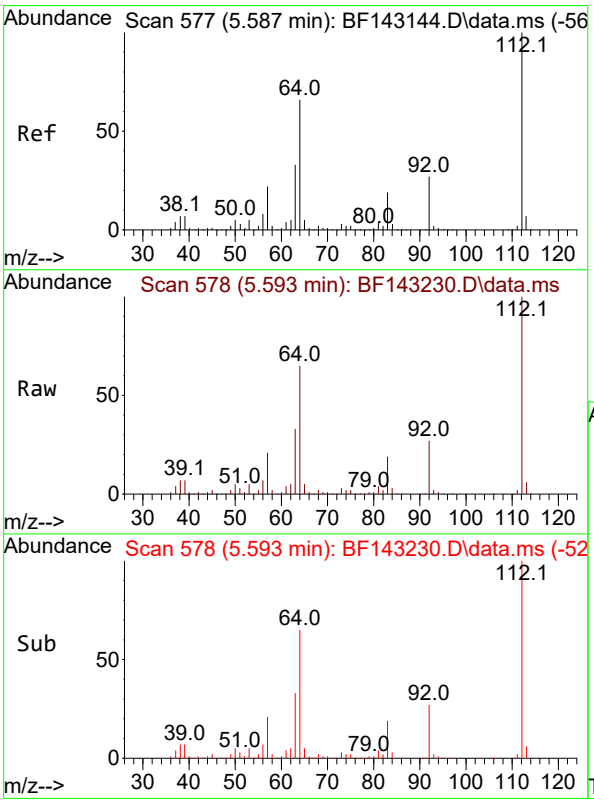
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Tgt Ion:152 Resp: 111301

Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.2	192.4
115	58.3	47.9	71.9

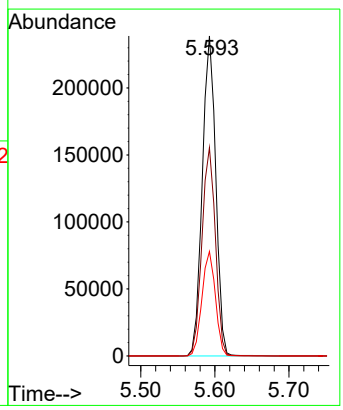


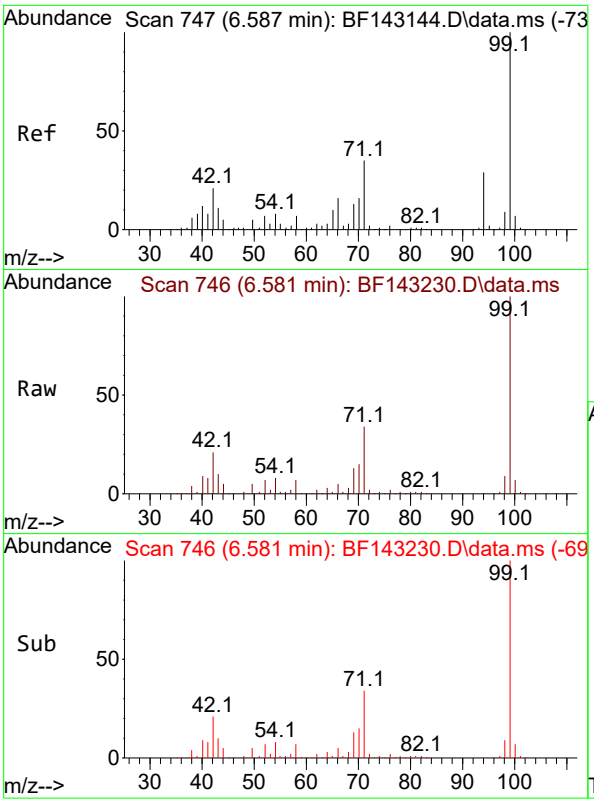


#5
2-Fluorophenol
Concen: 42.837 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Tgt Ion:112 Resp: 301290

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	32.6	26.6	40.0



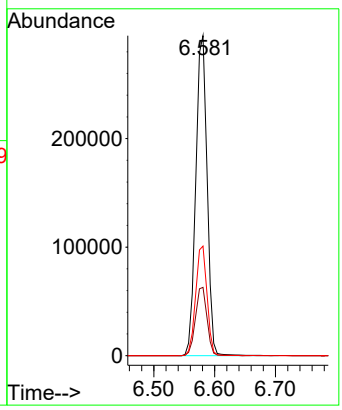


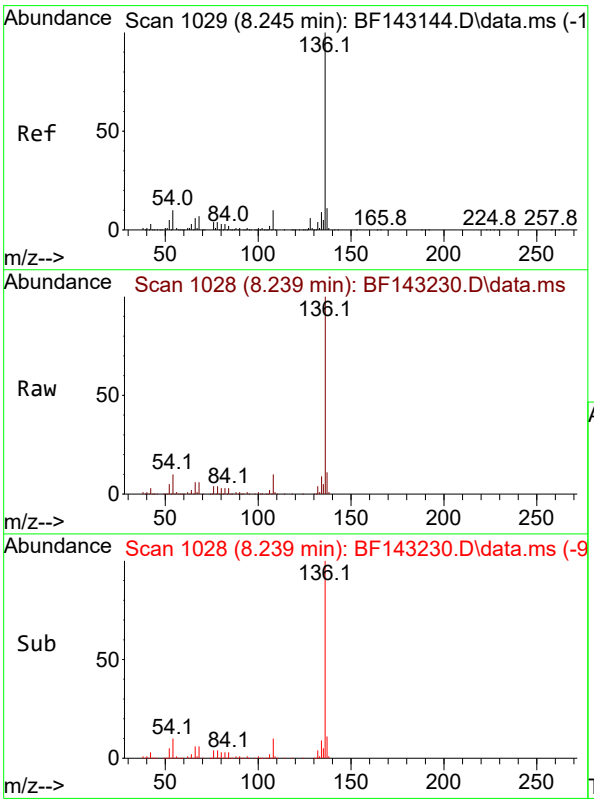
#7
Phenol-d6
Concen: 43.067 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Tgt Ion: 99 Resp: 381267

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	34.3	27.7	41.5

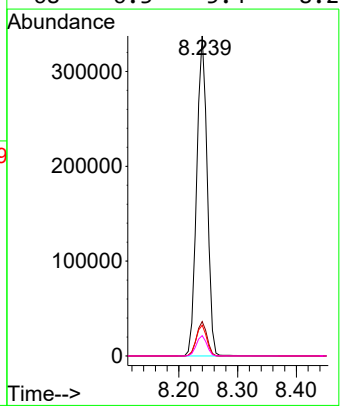


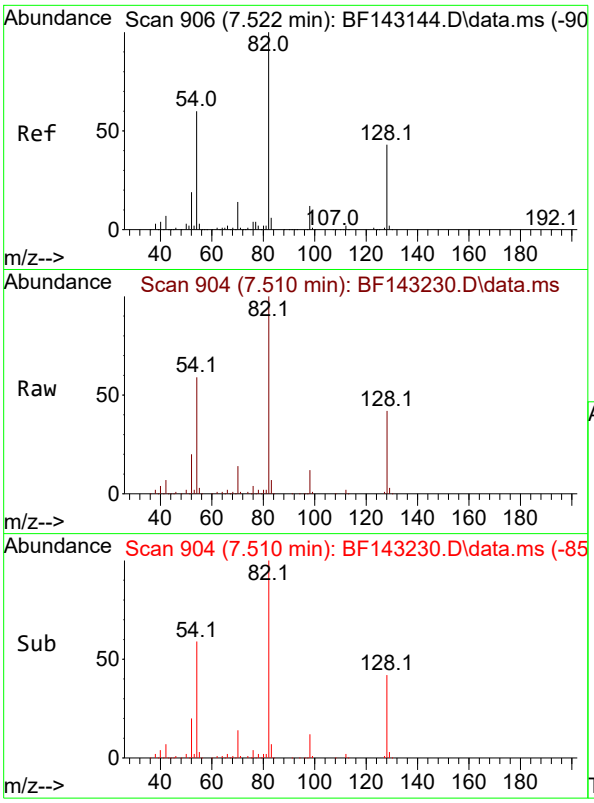


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Tgt Ion:136 Resp: 417726

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.6	8.2	12.2
68	6.3	5.4	8.2



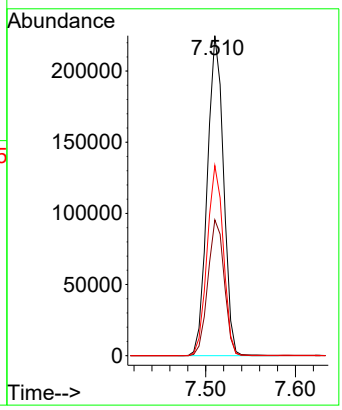


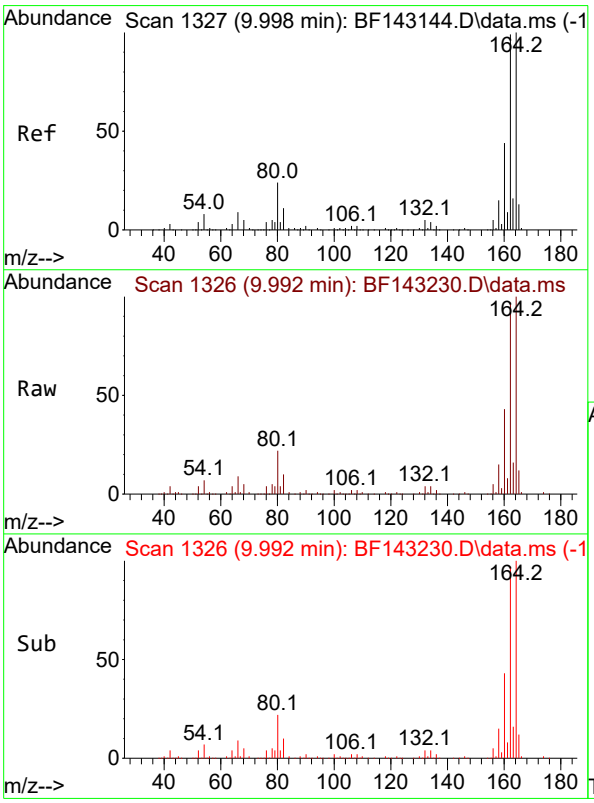
#23
Nitrobenzene-d5
Concen: 33.658 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Tgt Ion: 82 Resp: 282063

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.6	50.4
54	59.4	47.1	70.7

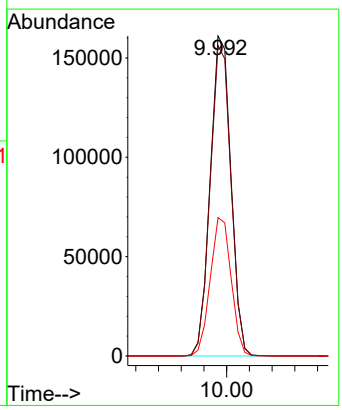


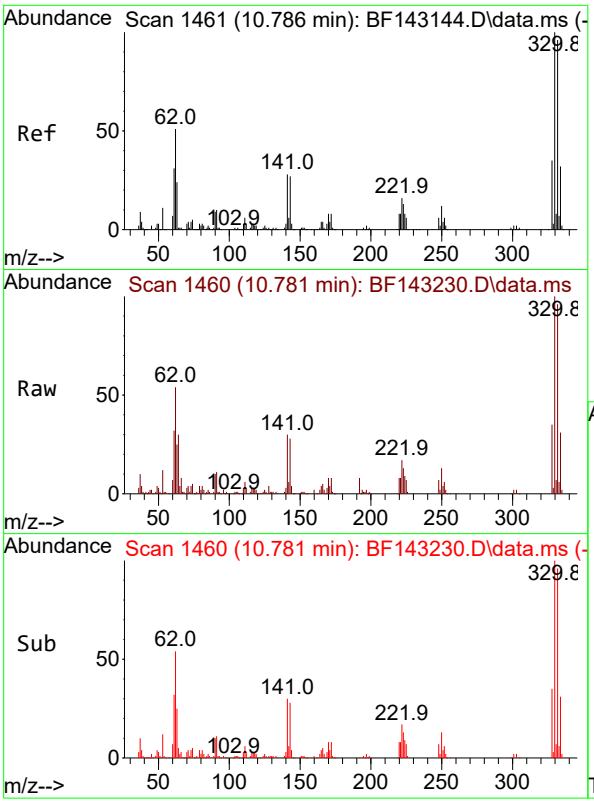


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Tgt Ion:164 Resp: 204004

Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.0	118.6
160	43.2	35.1	52.7



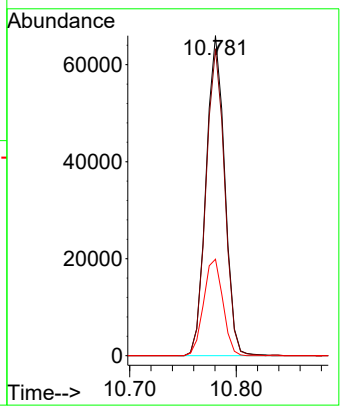


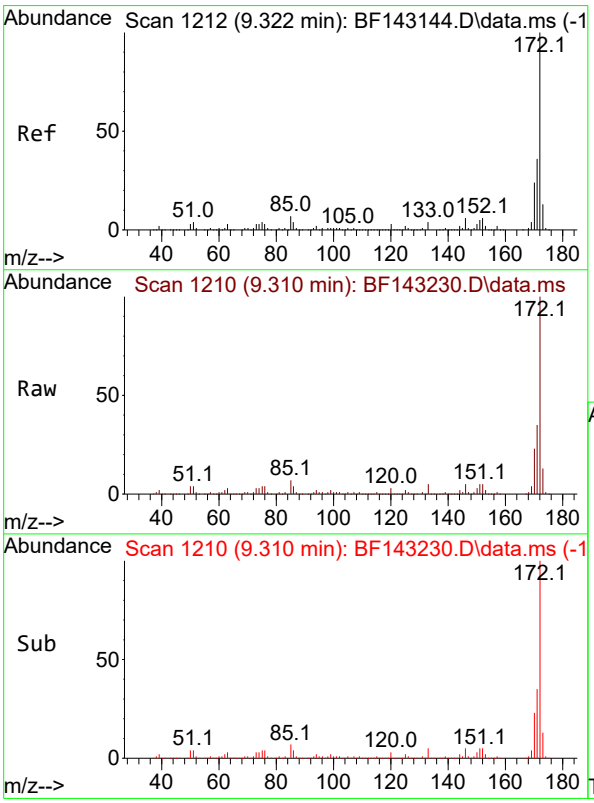
#42
2,4,6-Tribromophenol
Concen: 38.134 ng
RT: 10.781 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Tgt Ion:330 Resp: 80367

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	31.1	23.3	34.9

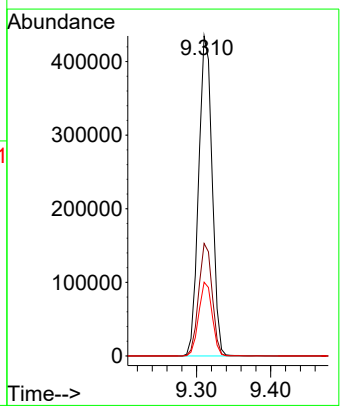


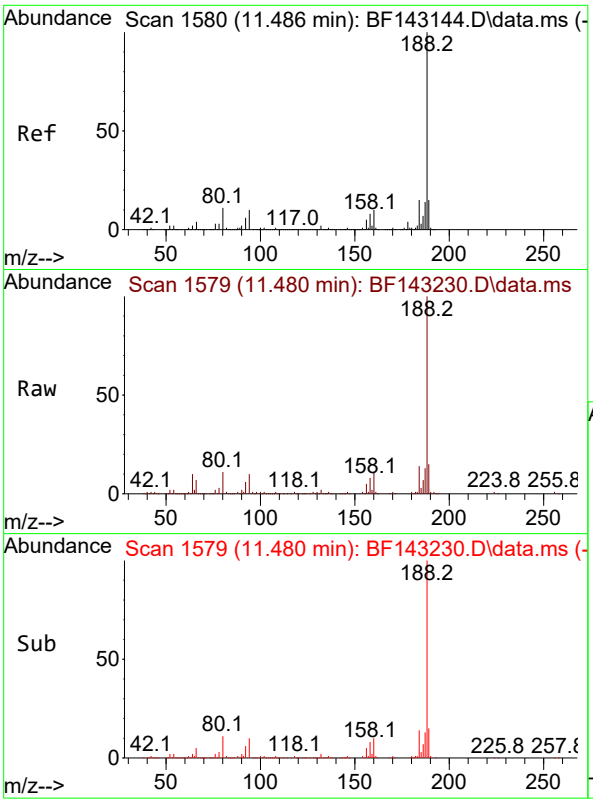


#45
2-Fluorobiphenyl
Concen: 36.846 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Tgt Ion:172 Resp: 549625

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.0	18.8	28.2



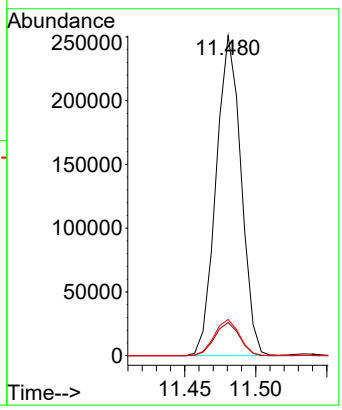


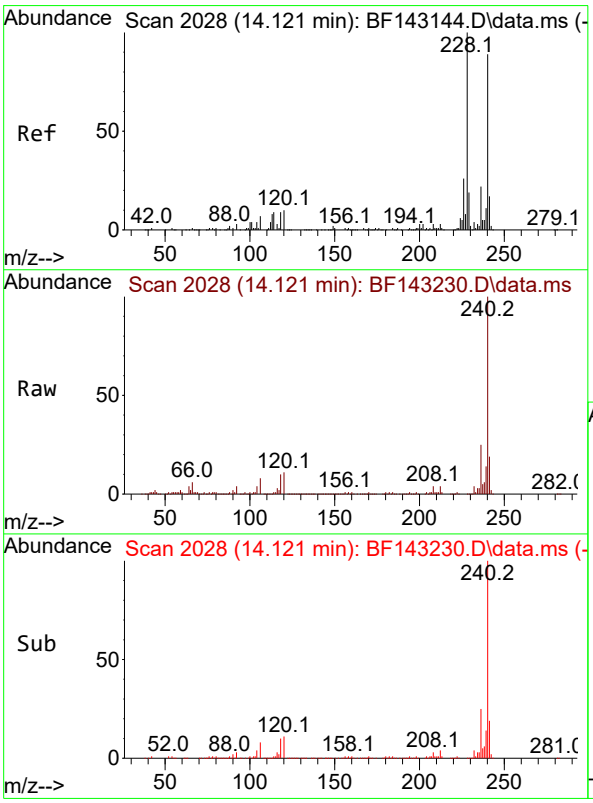
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Tgt Ion:188 Resp: 306414

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.3	9.0	13.6

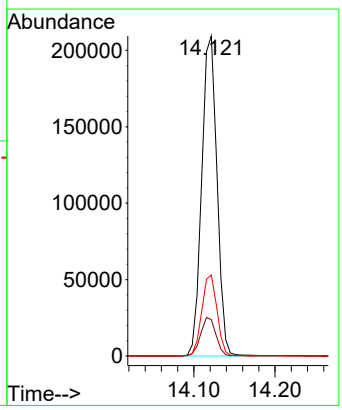


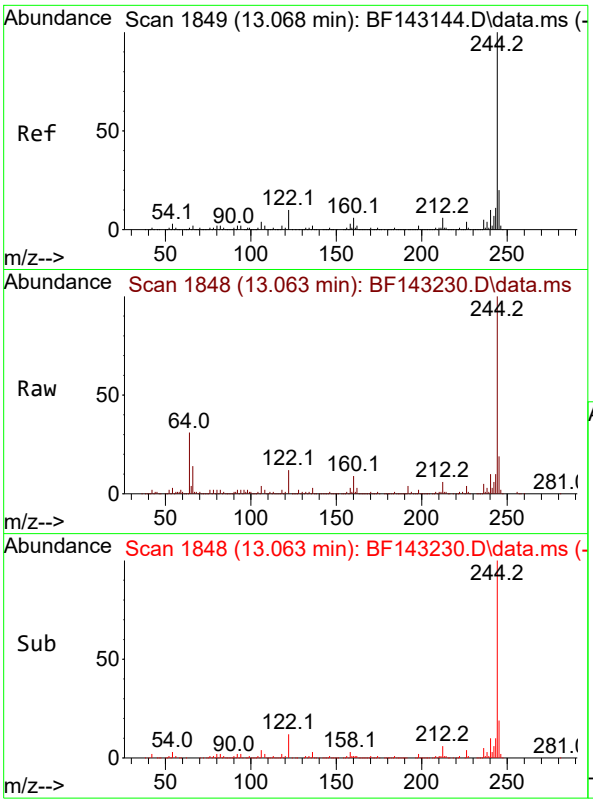


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Tgt Ion:240 Resp: 273841

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	25.3	20.2	30.4



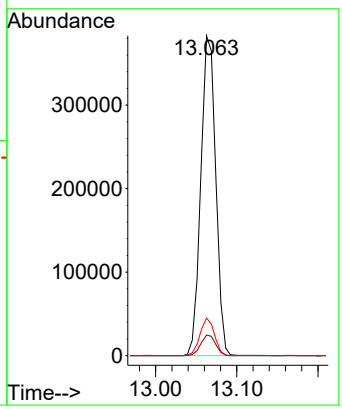


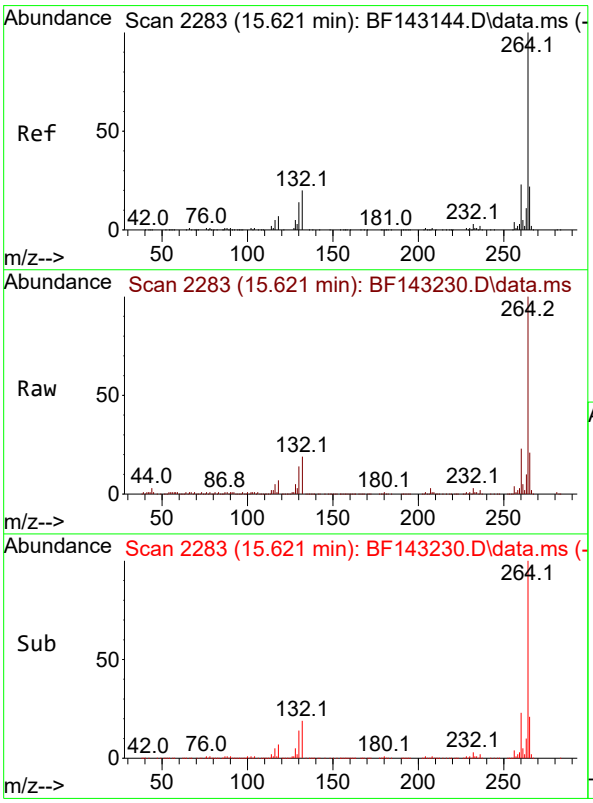
#79
Terphenyl-d14
Concen: 26.589 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Instrument :
BNA_F
ClientSampleId :
CC0627-SFBL

Tgt Ion:244 Resp: 489287

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.8	8.2	12.2

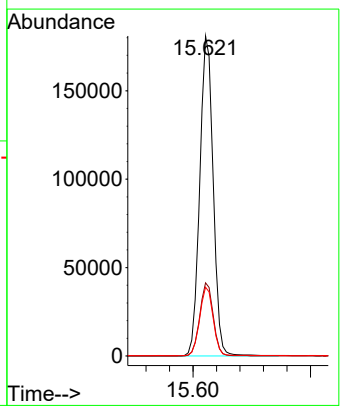




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143230.D
Acq: 24 Jul 2025 13:32

Tgt Ion:264 Resp: 286158

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.5	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143226.D
Acq On : 24 Jul 2025 11:28
Operator : RC/JU
Sample : PB168983BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Quant Time: Jul 24 12:00:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

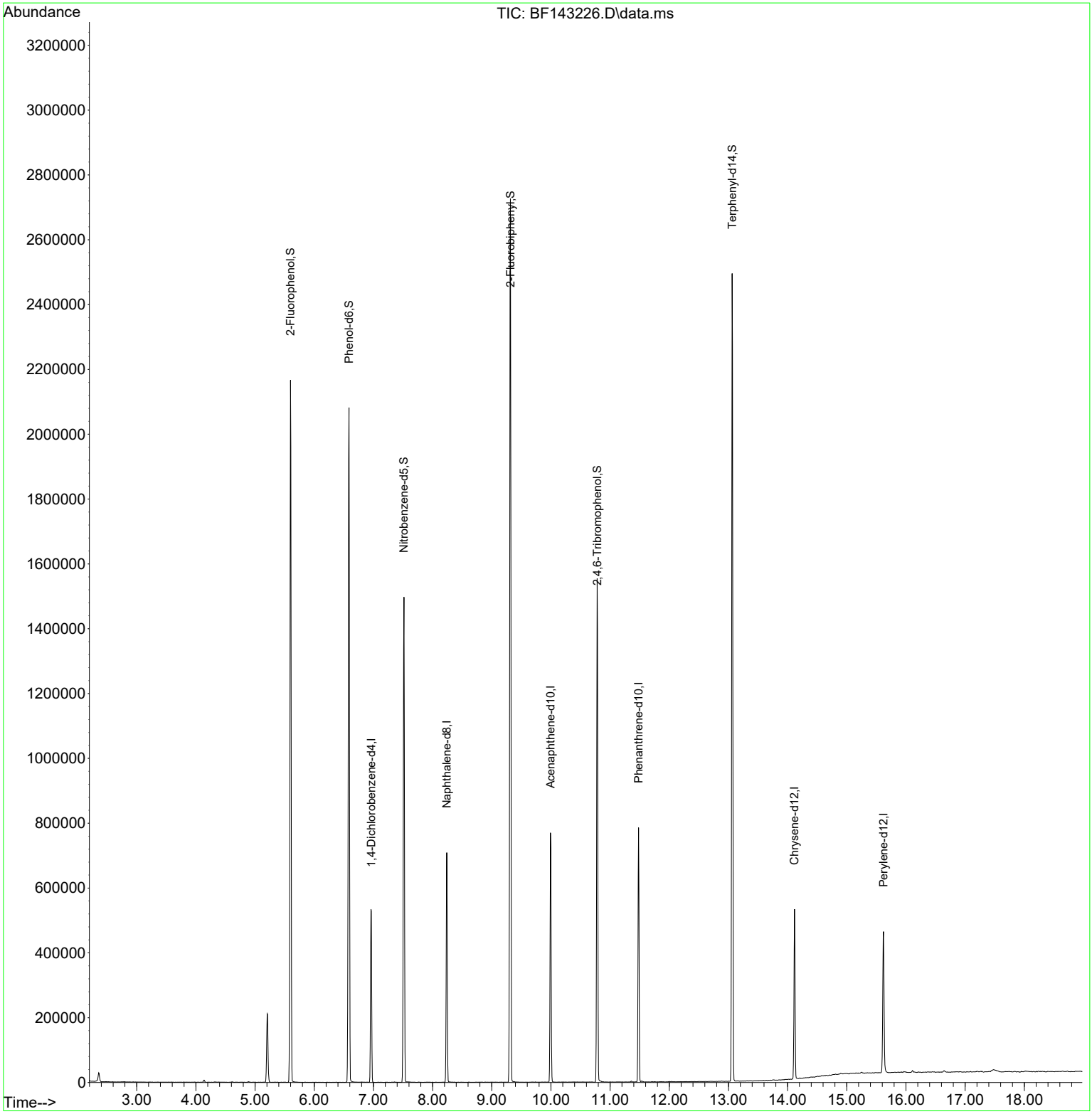
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	113347	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	430028	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	228834	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	391747	20.000	ng	0.00
76) Chrysene-d12	14.116	240	247241	20.000	ng	0.00
86) Perylene-d12	15.621	264	259580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	805725	112.489	ng	0.01
7) Phenol-d6	6.587	99	1017041	112.809	ng	0.00
23) Nitrobenzene-d5	7.516	82	668771	77.521	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	274521	116.126	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1255562	75.038	ng	0.00
79) Terphenyl-d14	13.063	244	1230339	74.052	ng	0.00
Target Compounds						Qvalue

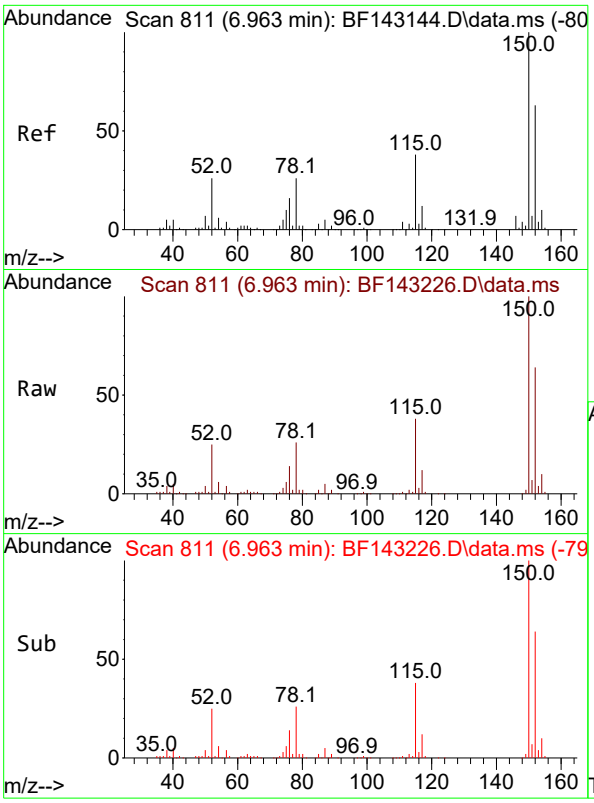
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143226.D
Acq On : 24 Jul 2025 11:28
Operator : RC/JU
Sample : PB168983BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Quant Time: Jul 24 12:00:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



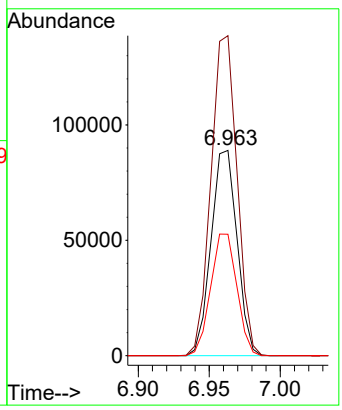


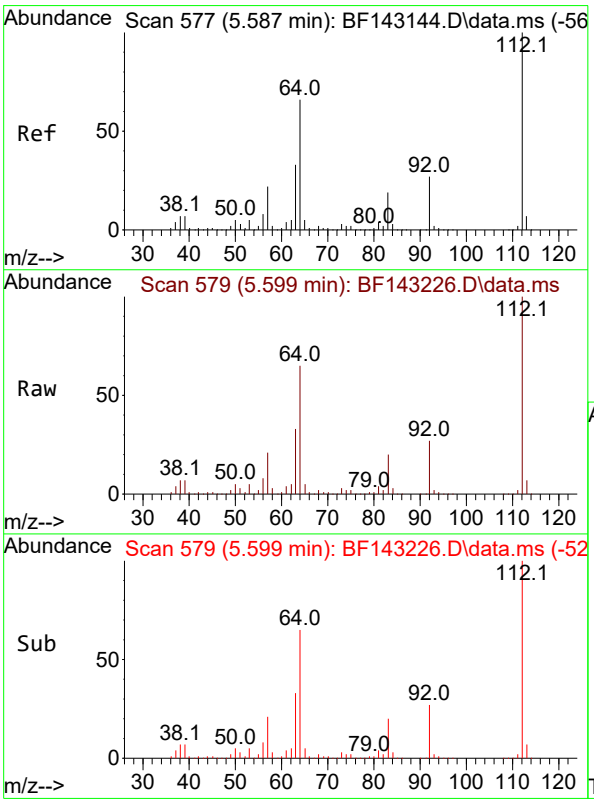
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Tgt Ion:152 Resp: 113347

Ion	Ratio	Lower	Upper
152	100		
150	155.9	128.2	192.4
115	59.2	47.9	71.9

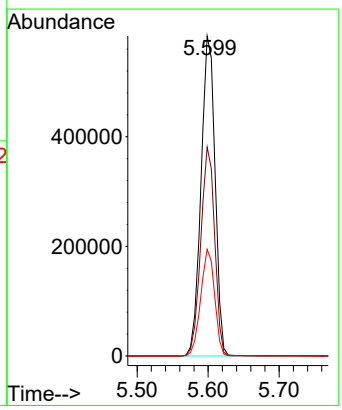


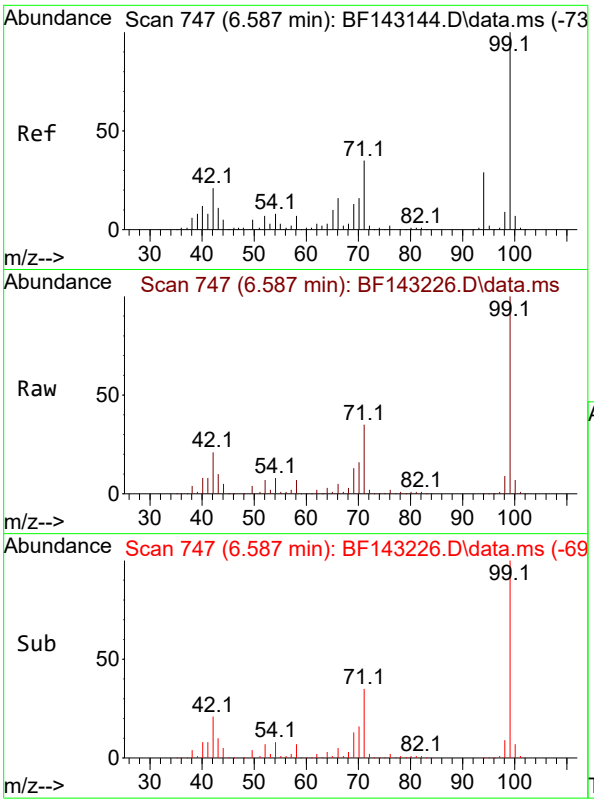


#5
2-Fluorophenol
Concen: 112.489 ng
RT: 5.599 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:112 Resp: 805725

Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.1	79.7
63	33.3	26.6	40.0



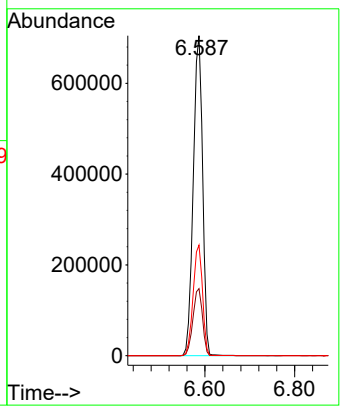


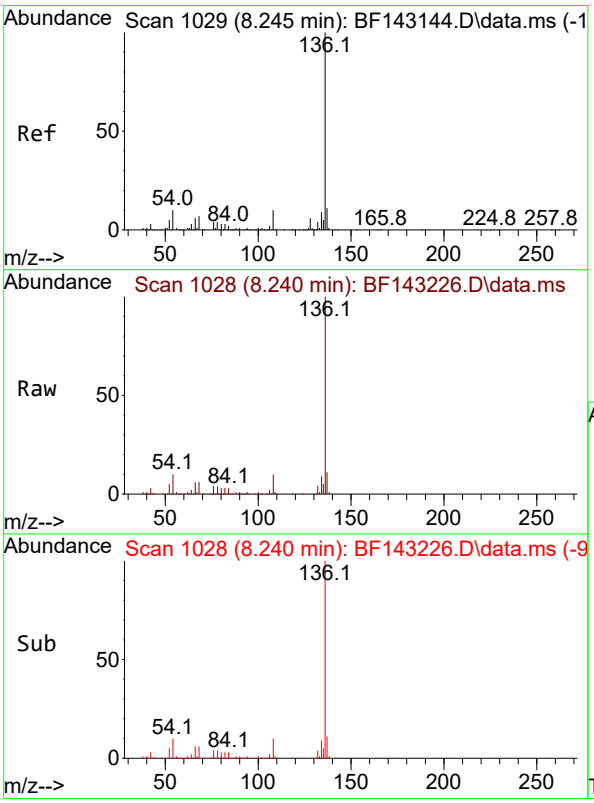
#7
Phenol-d6
Concen: 112.809 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Tgt Ion: 99 Resp: 1017041

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	34.6	27.7	41.5

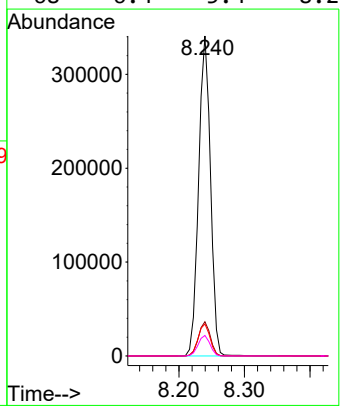


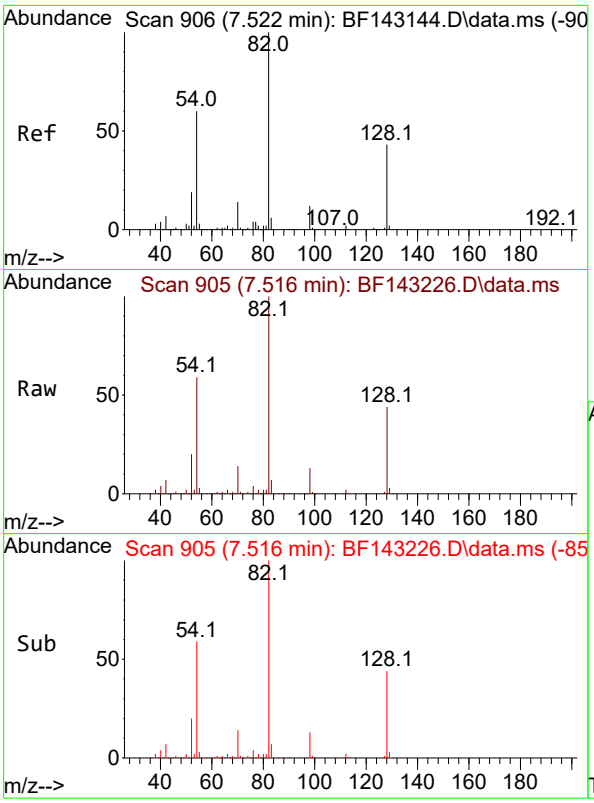


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:136 Resp: 430028

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.0	8.2	12.2
68	6.4	5.4	8.2



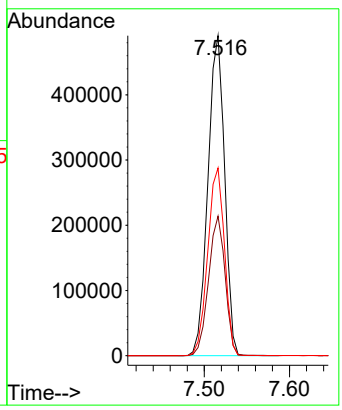


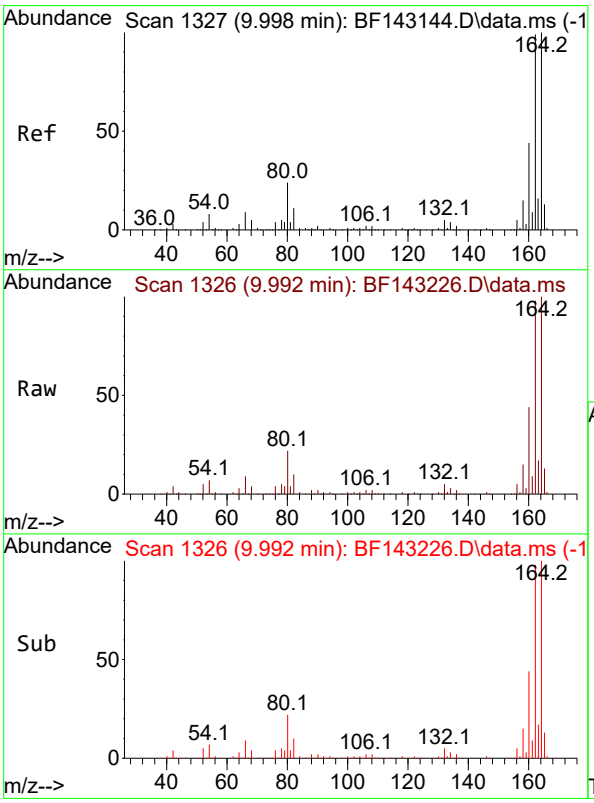
#23
Nitrobenzene-d5
Concen: 77.521 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Tgt Ion: 82 Resp: 668771

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.6	50.4
54	58.7	47.1	70.7

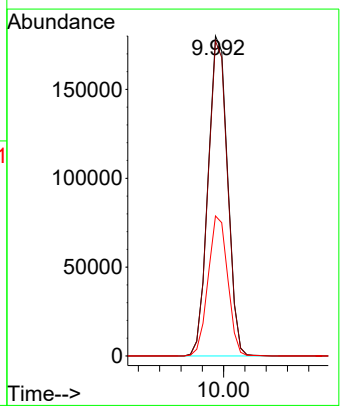


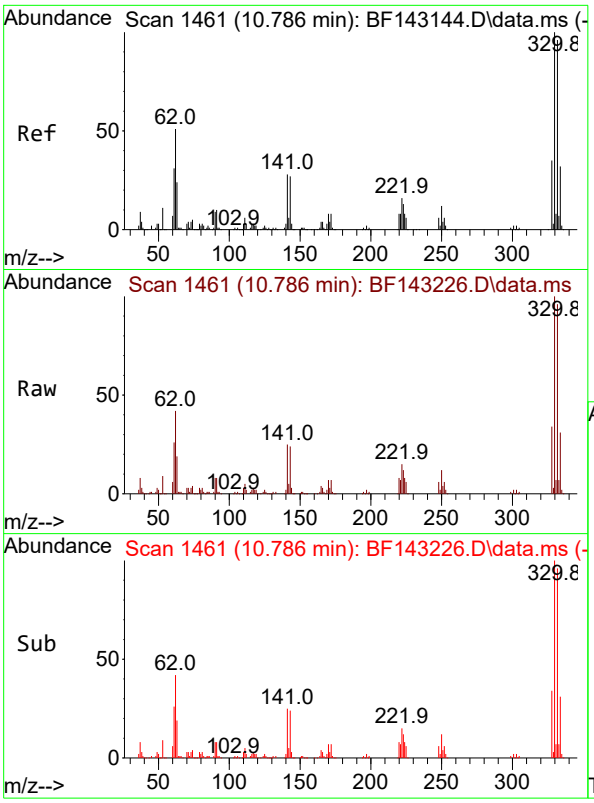


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:164 Resp: 228834

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.0	118.6
160	43.7	35.1	52.7



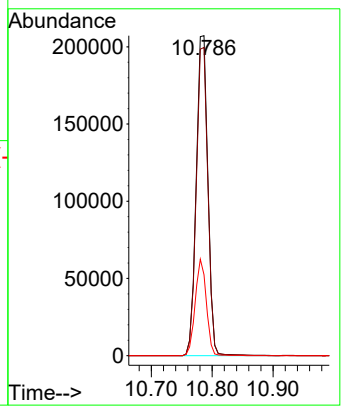


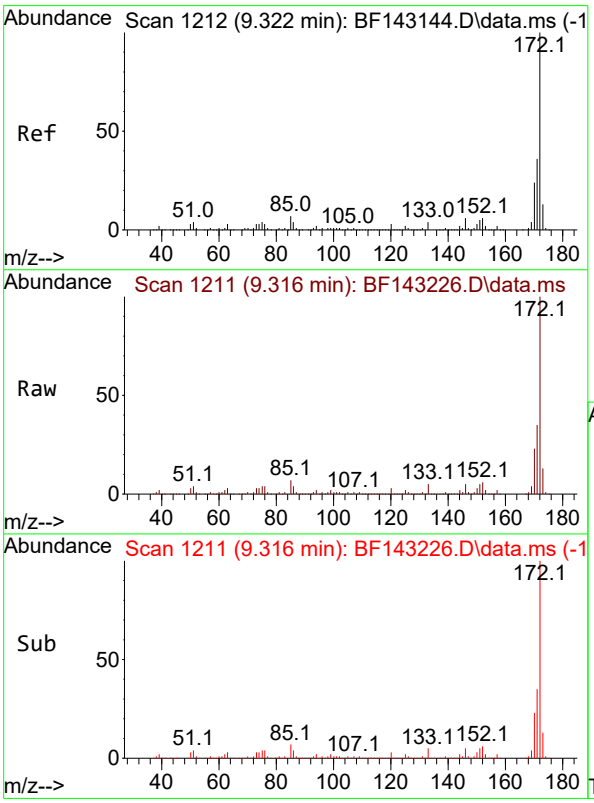
#42
2,4,6-Tribromophenol
Concen: 116.126 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Tgt Ion:330 Resp: 274521

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	29.0	23.3	34.9

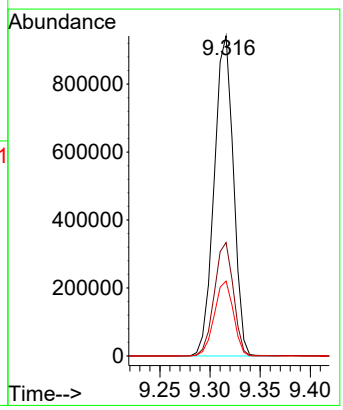


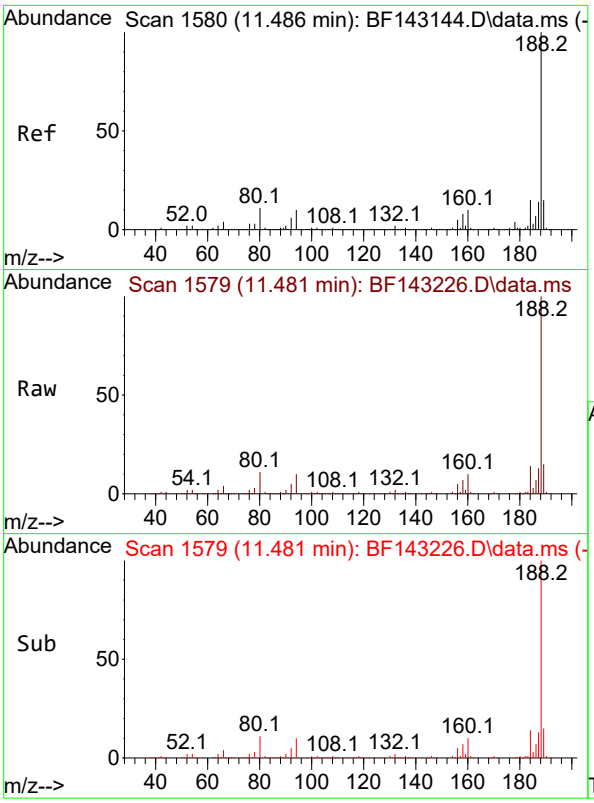


#45
2-Fluorobiphenyl
Concen: 75.038 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:172 Resp: 1255562

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.4	18.8	28.2



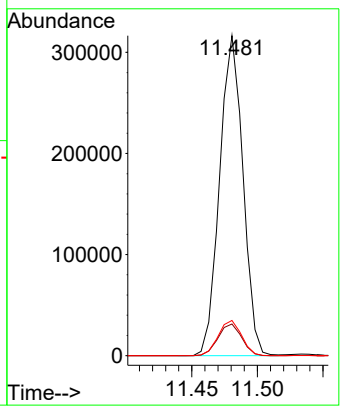


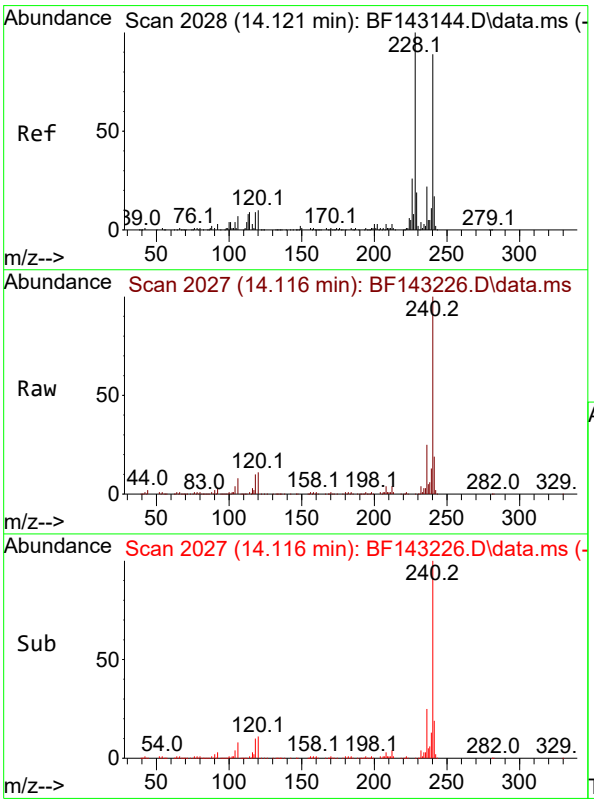
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Tgt Ion:188 Resp: 391747

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.3	12.5
80	11.0	9.0	13.6

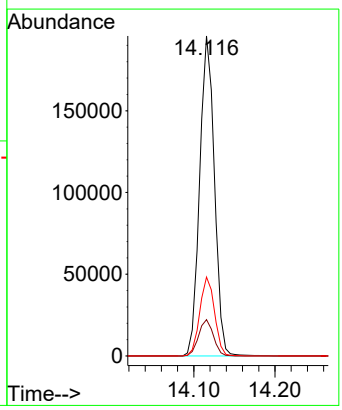


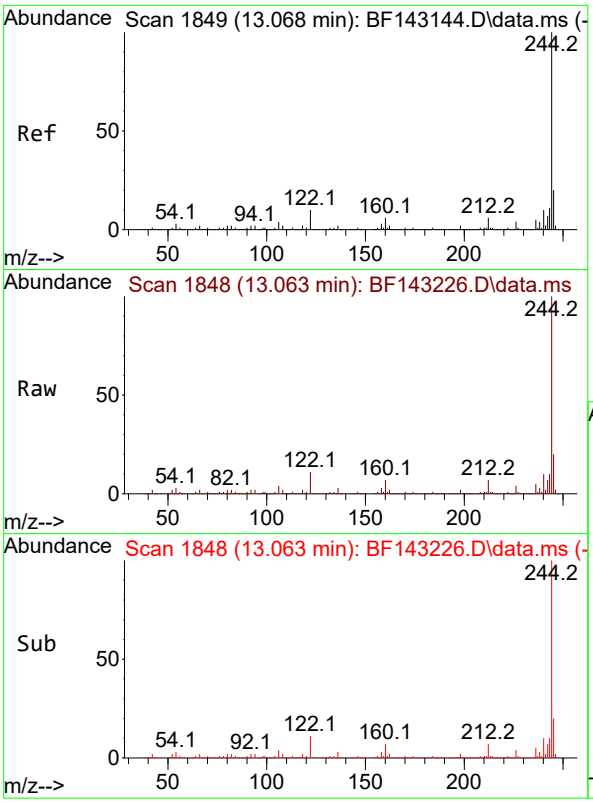


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:240 Resp: 247241

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	24.6	20.2	30.4



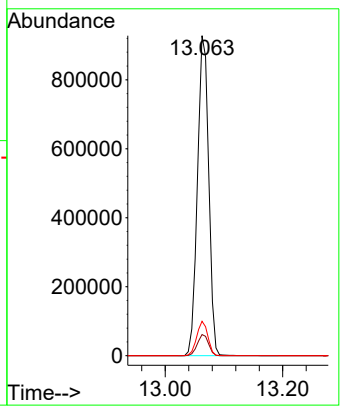


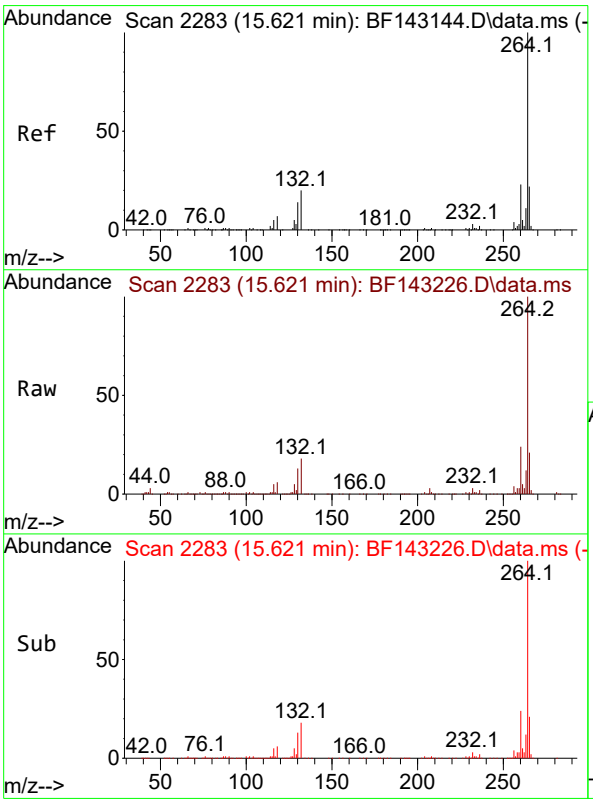
#79
Terphenyl-d14
Concen: 74.052 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Instrument :
BNA_F
ClientSampleId :
PB168983BL

Tgt Ion:244 Resp: 1230339

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.8	8.2	12.2

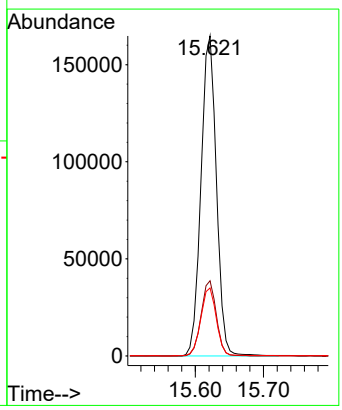




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143226.D
Acq: 24 Jul 2025 11:28

Tgt Ion:264 Resp: 259580

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.3	17.4	26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143227.D
Acq On : 24 Jul 2025 11:57
Operator : RC/JU
Sample : PB168983BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 12:43:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	118928	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	454070	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	233308	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	382635	20.000	ng		0.00
76) Chrysene-d12	14.121	240	235441	20.000	ng		0.00
86) Perylene-d12	15.621	264	270750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	829255	110.341	ng		0.02
7) Phenol-d6	6.593	99	1039628	109.903	ng		0.00
23) Nitrobenzene-d5	7.522	82	705891	77.492	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	289067	119.935	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1306148	76.565	ng		0.00
79) Terphenyl-d14	13.063	244	1187870	75.079	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	123030	34.597	ng		98
3) Pyridine	3.640	79	343132	37.176	ng		98
4) n-Nitrosodimethylamine	3.587	42	200760	42.128	ng		98
6) Aniline	6.622	93	388627	29.478	ng		96
8) 2-Chlorophenol	6.751	128	339459	43.091	ng		97
9) Benzaldehyde	6.510	77	223491	31.508	ng		99
10) Phenol	6.604	94	436467	42.354	ng		94
11) bis(2-Chloroethyl)ether	6.693	93	328948	41.690	ng		99
12) 1,3-Dichlorobenzene	6.904	146	363863	42.519	ng		99
13) 1,4-Dichlorobenzene	6.981	146	370897	43.037	ng		99
14) 1,2-Dichlorobenzene	7.134	146	358905	43.786	ng		98
15) Benzyl Alcohol	7.098	79	315360	43.662	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	608431	41.569	ng		99
17) 2-Methylphenol	7.210	107	286341	43.230	ng		98
18) Hexachloroethane	7.475	117	132586	44.441	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	253111	41.706	ng		100
20) 3+4-Methylphenols	7.357	107	340436	42.362	ng	#	85
22) Acetophenone	7.363	105	462863	43.056	ng		95
24) Nitrobenzene	7.540	77	380553	44.810	ng		99
25) Isophorone	7.775	82	694391	43.181	ng		100
26) 2-Nitrophenol	7.857	139	185650	50.369	ng		98
27) 2,4-Dimethylphenol	7.892	122	319797	42.565	ng		100
28) bis(2-Chloroethoxy)met...	7.987	93	409567	42.479	ng		98
29) 2,4-Dichlorophenol	8.098	162	278875	44.014	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	303327	44.313	ng		99
31) Naphthalene	8.263	128	979294	43.792	ng		100
32) Benzoic acid	7.998	122	210526	49.556	ng		99
33) 4-Chloroaniline	8.304	127	101760	11.144	ng		99
34) Hexachlorobutadiene	8.387	225	190144	45.473	ng		99
35) Caprolactam	8.669	113	93209m	48.682	ng		
36) 4-Chloro-3-methylphenol	8.787	107	308262	44.762	ng		100
37) 2-Methylnaphthalene	8.957	142	597076	43.877	ng		100
38) 1-Methylnaphthalene	9.057	142	620464	44.279	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	296491	44.017	ng		98
41) Hexachlorocyclopentadiene	9.116	237	407999	93.090	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	207510	44.513	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143227.D
Acq On : 24 Jul 2025 11:57
Operator : RC/JU
Sample : PB168983BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 12:43:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	214331	45.962	ng		98
46) 1,1'-Biphenyl	9.416	154	816107	44.835	ng		99
47) 2-Chloronaphthalene	9.445	162	596622	44.297	ng		99
48) 2-Nitroaniline	9.534	65	199467	47.225	ng		98
49) Acenaphthylene	9.863	152	1006432	44.589	ng		100
50) Dimethylphthalate	9.716	163	696812	45.820	ng		99
51) 2,6-Dinitrotoluene	9.775	165	151768	49.057	ng		98
52) Acenaphthene	10.033	154	640438	48.006	ng		99
53) 3-Nitroaniline	9.939	138	91490	25.283	ng		97
54) 2,4-Dinitrophenol	10.045	184	155357	108.235	ng	#	1
55) Dibenzofuran	10.204	168	870479	43.949	ng		99
56) 4-Nitrophenol	10.098	139	255673	94.619	ng		100
57) 2,4-Dinitrotoluene	10.181	165	204486	52.684	ng		94
58) Fluorene	10.545	166	656116	44.137	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	167088	43.256	ng		100
60) Diethylphthalate	10.416	149	702025	46.704	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	334920	45.247	ng		99
62) 4-Nitroaniline	10.557	138	149287	48.137	ng		99
63) Azobenzene	10.698	77	690470	44.074	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	104899	51.811	ng		98
66) n-Nitrosodiphenylamine	10.651	169	592170	43.950	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	203371	44.599	ng		99
68) Hexachlorobenzene	11.098	284	214202	44.942	ng		99
69) Atrazine	11.175	200	184737	49.733	ng		99
70) Pentachlorophenol	11.286	266	183509	65.471	ng		99
71) Phenanthrene	11.510	178	912890	44.933	ng		100
72) Anthracene	11.563	178	924957	44.639	ng		100
73) Carbazole	11.710	167	820057	45.324	ng		99
74) Di-n-butylphthalate	12.039	149	1004485	49.065	ng		100
75) Fluoranthene	12.698	202	890477	47.752	ng		99
77) Benzidine	12.810	184	357835	39.449	ng		99
78) Pyrene	12.927	202	877671	43.679	ng		99
80) Butylbenzylphthalate	13.539	149	349214	56.755	ng		98
81) Benzo(a)anthracene	14.110	228	712109	45.177	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	110645	21.061	ng		100
83) Chrysene	14.151	228	672510	47.453	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	480670	51.612	ng		98
85) Di-n-octyl phthalate	14.710	149	836921	49.577	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	887527	46.488	ng		98
88) Benzo(b)fluoranthene	15.180	252	800706	48.409	ng		99
89) Benzo(k)fluoranthene	15.210	252	643075	43.569	ng		100
90) Benzo(a)pyrene	15.563	252	716707	47.030	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	714891	46.006	ng		99
92) Benzo(g,h,i)perylene	17.633	276	711130	47.309	ng		99

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

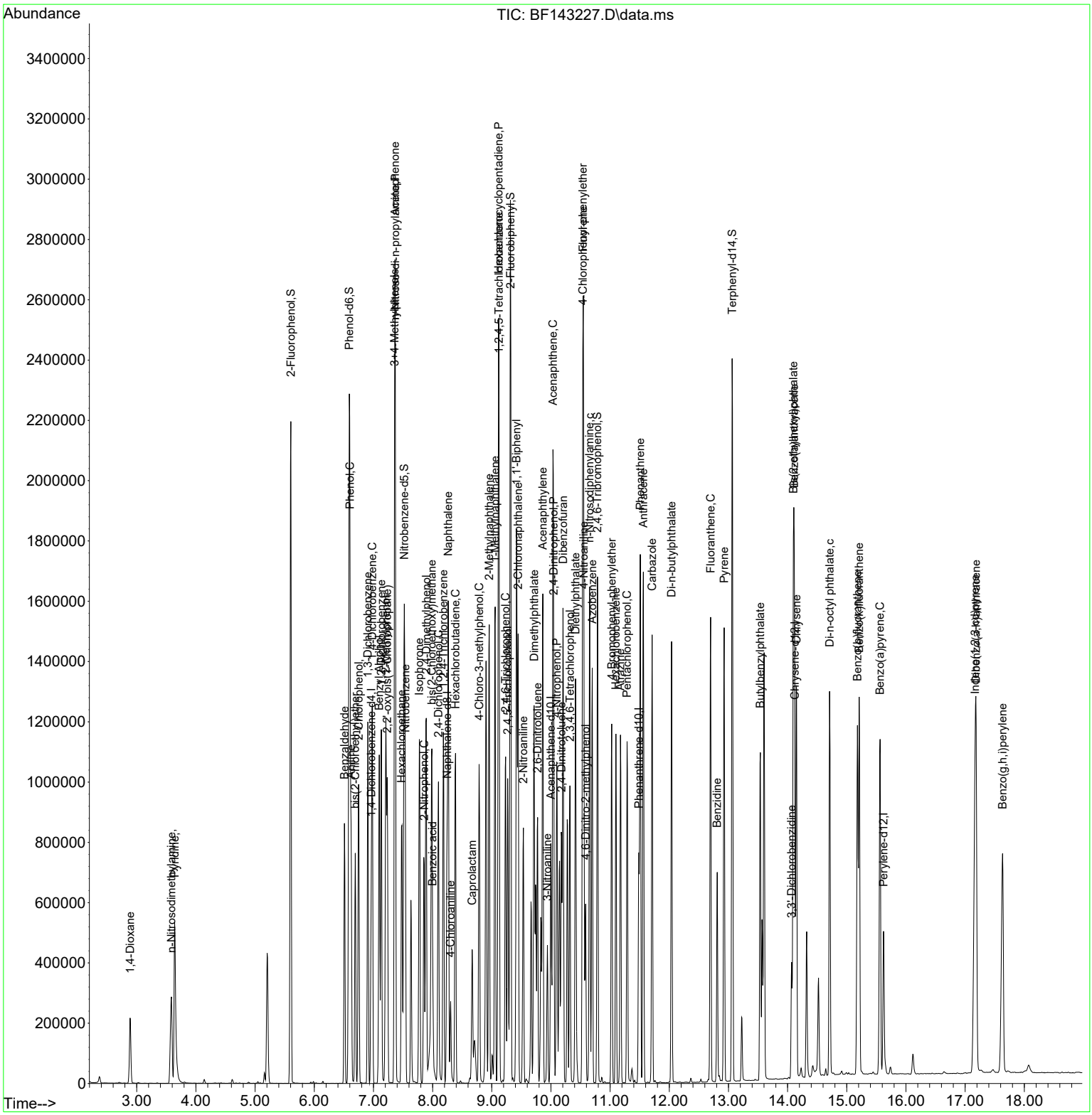
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143227.D
Acq On : 24 Jul 2025 11:57
Operator : RC/JU
Sample : PB168983BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 12:43:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168983BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143233.D
Acq On : 24 Jul 2025 14:59
Operator : RC/JU
Sample : Q2668-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 15:20:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	109392	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	386410	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	173672	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	256696	20.000	ng		0.00
76) Chrysene-d12	14.121	240	248400	20.000	ng		0.00
86) Perylene-d12	15.621	264	248204	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	725514	104.953	ng		0.02
7) Phenol-d6	6.593	99	842935	96.878	ng		0.00
23) Nitrobenzene-d5	7.516	82	657485	84.816	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	213942	119.246	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1092842	86.059	ng		0.00
79) Terphenyl-d14	13.063	244	1056631	63.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.999	88	104901	32.070	ng	#	83
3) Pyridine	3.699	79	257637	30.346	ng		99
4) n-Nitrosodimethylamine	3.628	42	162287	37.023	ng		99
6) Aniline	6.622	93	136571	11.262	ng		93
8) 2-Chlorophenol	6.751	128	283525	39.129	ng		97
9) Benzaldehyde	6.510	77	121442	18.613	ng		97
10) Phenol	6.604	94	315724	33.308	ng		97
11) bis(2-Chloroethyl)ether	6.693	93	276106	38.044	ng		100
12) 1,3-Dichlorobenzene	6.904	146	284739	36.174	ng		99
13) 1,4-Dichlorobenzene	6.981	146	289199	36.483	ng		99
14) 1,2-Dichlorobenzene	7.134	146	277354	36.787	ng		99
15) Benzyl Alcohol	7.098	79	262765	39.551	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	504943	37.505	ng		99
17) 2-Methylphenol	7.210	107	234398	38.473	ng		99
18) Hexachloroethane	7.481	117	99634	36.307	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	210948	37.789	ng		98
20) 3+4-Methylphenols	7.357	107	284043	38.426	ng	#	83
22) Acetophenone	7.363	105	383168	41.884	ng		95
24) Nitrobenzene	7.540	77	302964	41.920	ng		99
25) Isophorone	7.775	82	576011	42.092	ng		99
26) 2-Nitrophenol	7.857	139	145733	46.462	ng		99
27) 2,4-Dimethylphenol	7.887	122	265349	41.502	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	349106	42.549	ng		99
29) 2,4-Dichlorophenol	8.098	162	231786	42.988	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	239321	41.084	ng		98
31) Naphthalene	8.263	128	795952	41.826	ng		100
32) Benzoic acid	7.969	122	81937m	25.474	ng		
33) 4-Chloroaniline	8.304	127	43937	5.654	ng		99
34) Hexachlorobutadiene	8.387	225	146715	41.230	ng		98
35) Caprolactam	8.657	113	58882	36.139	ng		99
36) 4-Chloro-3-methylphenol	8.787	107	239418	40.853	ng		98
37) 2-Methylnaphthalene	8.957	142	483909	41.788	ng		100
38) 1-Methylnaphthalene	9.051	142	498694	41.820	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	236879	47.243	ng		99
41) Hexachlorocyclopentadiene	9.110	237	200715	61.521	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	161853	46.641	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143233.D
Acq On : 24 Jul 2025 14:59
Operator : RC/JU
Sample : Q2668-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 15:20:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	159945	46.077	ng		98
46) 1,1'-Biphenyl	9.416	154	650234	47.988	ng		100
47) 2-Chloronaphthalene	9.445	162	466335	46.513	ng		99
48) 2-Nitroaniline	9.528	65	152729	48.576	ng		97
49) Acenaphthylene	9.857	152	771017	45.889	ng		100
50) Dimethylphthalate	9.710	163	560947	49.552	ng		99
51) 2,6-Dinitrotoluene	9.769	165	112143	48.696	ng		99
52) Acenaphthene	10.033	154	452571	45.573	ng		99
53) 3-Nitroaniline	9.933	138	41835	15.531	ng		98
54) 2,4-Dinitrophenol	10.039	184	31898	34.680	ng	#	1
55) Dibenzofuran	10.204	168	657402	44.588	ng		100
56) 4-Nitrophenol	10.092	139	156951	78.029	ng		98
57) 2,4-Dinitrotoluene	10.175	165	139715	48.357	ng		95
58) Fluorene	10.545	166	487614	44.066	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	122812	42.711	ng		99
60) Diethylphthalate	10.410	149	527320	47.128	ng		100
61) 4-Chlorophenyl-phenyle...	10.533	204	248584	45.115	ng		99
62) 4-Nitroaniline	10.551	138	93810	40.635	ng		99
63) Azobenzene	10.698	77	506692	43.450	ng		99
65) 4,6-Dinitro-2-methylph...	10.581	198	31920	26.458	ng		99
66) n-Nitrosodiphenylamine	10.651	169	426553	47.190	ng		98
67) 4-Bromophenyl-phenylether	11.028	248	143286	46.839	ng		99
68) Hexachlorobenzene	11.098	284	146688	45.877	ng		99
69) Atrazine	11.175	200	129116	51.813	ng		99
70) Pentachlorophenol	11.286	266	146774	78.057	ng		98
71) Phenanthrene	11.510	178	629985	46.221	ng		99
72) Anthracene	11.557	178	642429	46.215	ng		100
73) Carbazole	11.710	167	597582	49.232	ng		99
74) Di-n-butylphthalate	12.039	149	749381	54.563	ng		100
75) Fluoranthene	12.698	202	714275	57.095	ng		100
77) Benzidine	12.810	184	223427	23.346	ng		98
78) Pyrene	12.927	202	738161	34.820	ng		100
80) Butylbenzylphthalate	13.539	149	339630	52.318	ng		97
81) Benzo(a)anthracene	14.110	228	785726	47.246	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	86568	15.618	ng		99
83) Chrysene	14.151	228	666401	44.568	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	496409	50.522	ng		100
85) Di-n-octyl phthalate	14.710	149	884176	49.644	ng		99
87) Indeno(1,2,3-cd)pyrene	17.157	276	502549	28.714	ng		99
88) Benzo(b)fluoranthene	15.180	252	800285	52.779	ng		100
89) Benzo(k)fluoranthene	15.216	252	679707	50.234	ng		99
90) Benzo(a)pyrene	15.563	252	670550	47.998	ng		99
91) Dibenzo(a,h)anthracene	17.174	278	416547	29.241	ng		99
92) Benzo(g,h,i)perylene	17.621	276	376062	27.291	ng		98

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

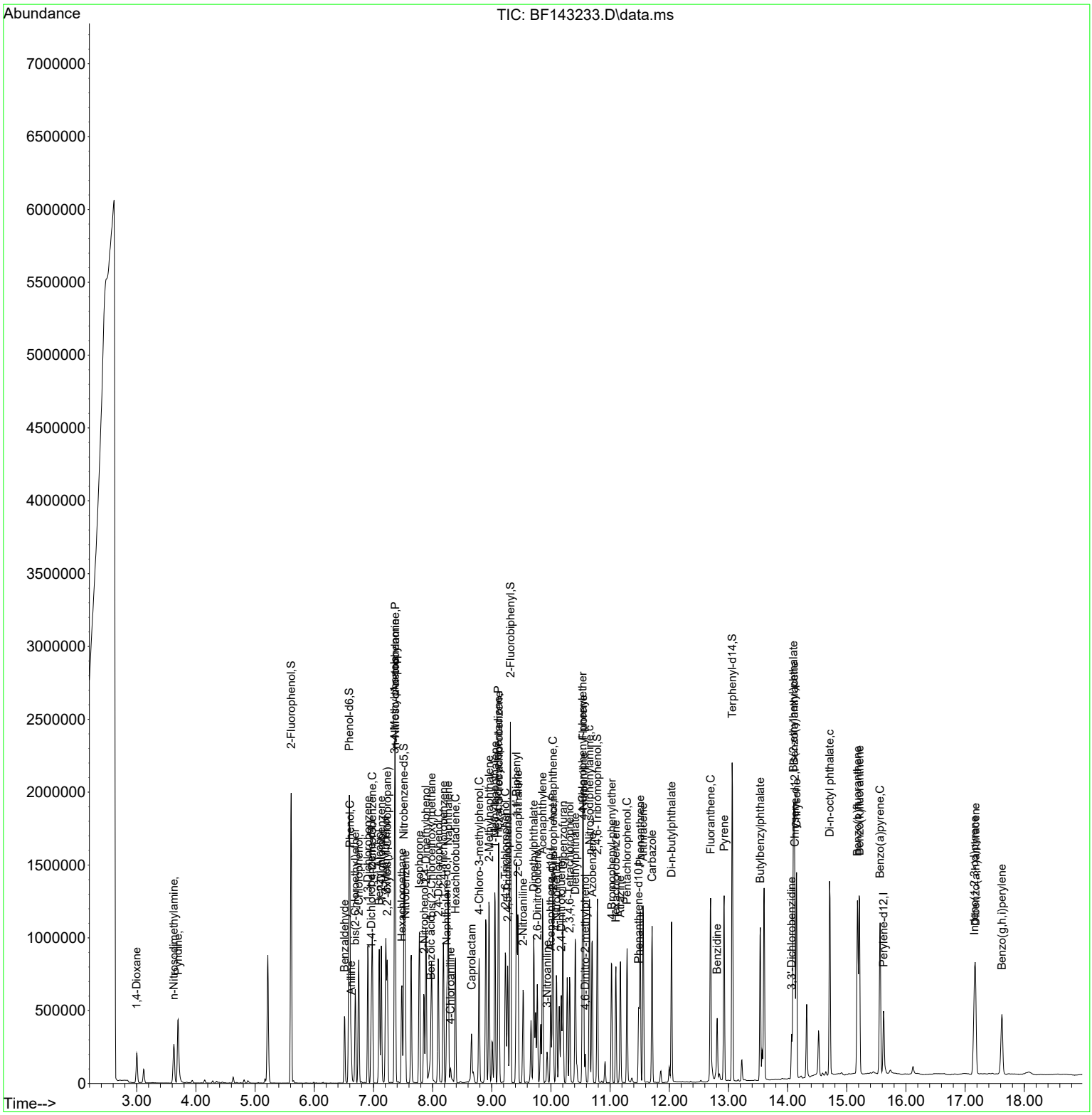
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143233.D
Acq On : 24 Jul 2025 14:59
Operator : RC/JU
Sample : Q2668-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 15:20:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143234.D
Acq On : 24 Jul 2025 15:29
Operator : RC/JU
Sample : Q2668-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 15:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	109426	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	403271	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	187839	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	290285	20.000	ng		0.00
76) Chrysene-d12	14.121	240	267616	20.000	ng		0.00
86) Perylene-d12	15.627	264	264420	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	707839	102.364	ng		0.02
7) Phenol-d6	6.593	99	821956	94.438	ng		0.00
23) Nitrobenzene-d5	7.516	82	626468	77.436	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	230307	118.685	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1104474	80.415	ng		0.00
79) Terphenyl-d14	13.069	244	1091184	60.676	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	100385	30.680	ng	#	83
3) Pyridine	3.693	79	251041	29.560	ng		98
4) n-Nitrosodimethylamine	3.622	42	155992	35.576	ng		98
6) Aniline	6.622	93	149767	12.347	ng		93
8) 2-Chlorophenol	6.751	128	273302	37.706	ng		97
9) Benzaldehyde	6.510	77	110645	16.953	ng		98
10) Phenol	6.604	94	312270	32.934	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	271947	37.459	ng		99
12) 1,3-Dichlorobenzene	6.904	146	278542	35.375	ng		99
13) 1,4-Dichlorobenzene	6.981	146	283532	35.757	ng		100
14) 1,2-Dichlorobenzene	7.134	146	272221	36.095	ng		99
15) Benzyl Alcohol	7.098	79	258125	38.841	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	490163	36.396	ng		99
17) 2-Methylphenol	7.210	107	230258	37.781	ng		99
18) Hexachloroethane	7.481	117	97407	35.484	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	207605	37.178	ng		99
20) 3+4-Methylphenols	7.357	107	280390	37.920	ng	#	83
22) Acetophenone	7.363	105	376271	39.410	ng		96
24) Nitrobenzene	7.540	77	298174	39.532	ng		99
25) Isophorone	7.775	82	563191	39.434	ng		99
26) 2-Nitrophenol	7.851	139	145113	44.330	ng		99
27) 2,4-Dimethylphenol	7.887	122	261452	39.183	ng		99
28) bis(2-Chloroethoxy)met...	7.981	93	339056	39.596	ng		99
29) 2,4-Dichlorophenol	8.092	162	227329	40.398	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	234960	38.649	ng		99
31) Naphthalene	8.263	128	776191	39.082	ng		100
32) Benzoic acid	7.969	122	95099m	27.750	ng		
33) 4-Chloroaniline	8.304	127	46309	5.710	ng		99
34) Hexachlorobutadiene	8.387	225	146825	39.536	ng		99
35) Caprolactam	8.657	113	60914	35.823	ng		98
36) 4-Chloro-3-methylphenol	8.786	107	239026	39.081	ng		99
37) 2-Methylnaphthalene	8.957	142	480301	39.742	ng		99
38) 1-Methylnaphthalene	9.051	142	491881	39.524	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	236698	43.646	ng		99
41) Hexachlorocyclopentadiene	9.110	237	206787	58.602	ng		98
43) 2,4,6-Trichlorophenol	9.228	196	162475	43.289	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143234.D
Acq On : 24 Jul 2025 15:29
Operator : RC/JU
Sample : Q2668-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 15:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	159643	42.522	ng		98
46) 1,1'-Biphenyl	9.416	154	653246	44.575	ng		99
47) 2-Chloronaphthalene	9.445	162	466428	43.014	ng		100
48) 2-Nitroaniline	9.534	65	154288	45.371	ng		98
49) Acenaphthylene	9.857	152	781757	43.019	ng		100
50) Dimethylphthalate	9.710	163	569583	46.520	ng		99
51) 2,6-Dinitrotoluene	9.769	165	115008	46.174	ng		98
52) Acenaphthene	10.033	154	454485	42.314	ng		99
53) 3-Nitroaniline	9.939	138	45535	15.630	ng		96
54) 2,4-Dinitrophenol	10.039	184	39493	38.734	ng	#	19
55) Dibenzofuran	10.204	168	678268	42.534	ng		99
56) 4-Nitrophenol	10.098	139	169535	77.928	ng		98
57) 2,4-Dinitrotoluene	10.175	165	147470	47.192	ng		96
58) Fluorene	10.545	166	506529	42.323	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	128690	41.380	ng		99
60) Diethylphthalate	10.416	149	537944	44.451	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	256960	43.118	ng		97
62) 4-Nitroaniline	10.551	138	99945	40.028	ng		97
63) Azobenzene	10.698	77	525715	41.681	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	37974	27.553	ng		96
66) n-Nitrosodiphenylamine	10.651	169	451570	44.177	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	151798	43.880	ng		99
68) Hexachlorobenzene	11.098	284	153163	42.359	ng		99
69) Atrazine	11.175	200	137558	48.813	ng		99
70) Pentachlorophenol	11.286	266	159875	75.186	ng		98
71) Phenanthrene	11.510	178	678210	44.002	ng		100
72) Anthracene	11.563	178	692819	44.073	ng		100
73) Carbazole	11.710	167	646920	47.129	ng		100
74) Di-n-butylphthalate	12.039	149	799311	51.464	ng		100
75) Fluoranthene	12.698	202	753680	53.274	ng		99
77) Benzidine	12.810	184	239532	23.232	ng		98
78) Pyrene	12.927	202	777138	34.026	ng		100
80) Butylbenzylphthalate	13.539	149	346366	49.525	ng		98
81) Benzo(a)anthracene	14.116	228	784276	43.773	ng		99
82) 3,3'-Dichlorobenzidine	14.069	252	103133	17.271	ng		99
83) Chrysene	14.151	228	686286	42.603	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	497523	46.999	ng		99
85) Di-n-octyl phthalate	14.710	149	872775	45.485	ng		99
87) Indeno(1,2,3-cd)pyrene	17.162	276	542663	29.105	ng		99
88) Benzo(b)fluoranthene	15.180	252	788712	48.826	ng		99
89) Benzo(k)fluoranthene	15.215	252	700207	48.576	ng		99
90) Benzo(a)pyrene	15.563	252	683229	45.906	ng		100
91) Dibenzo(a,h)anthracene	17.180	278	448469	29.551	ng		99
92) Benzo(g,h,i)perylene	17.627	276	395648	26.951	ng		98

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

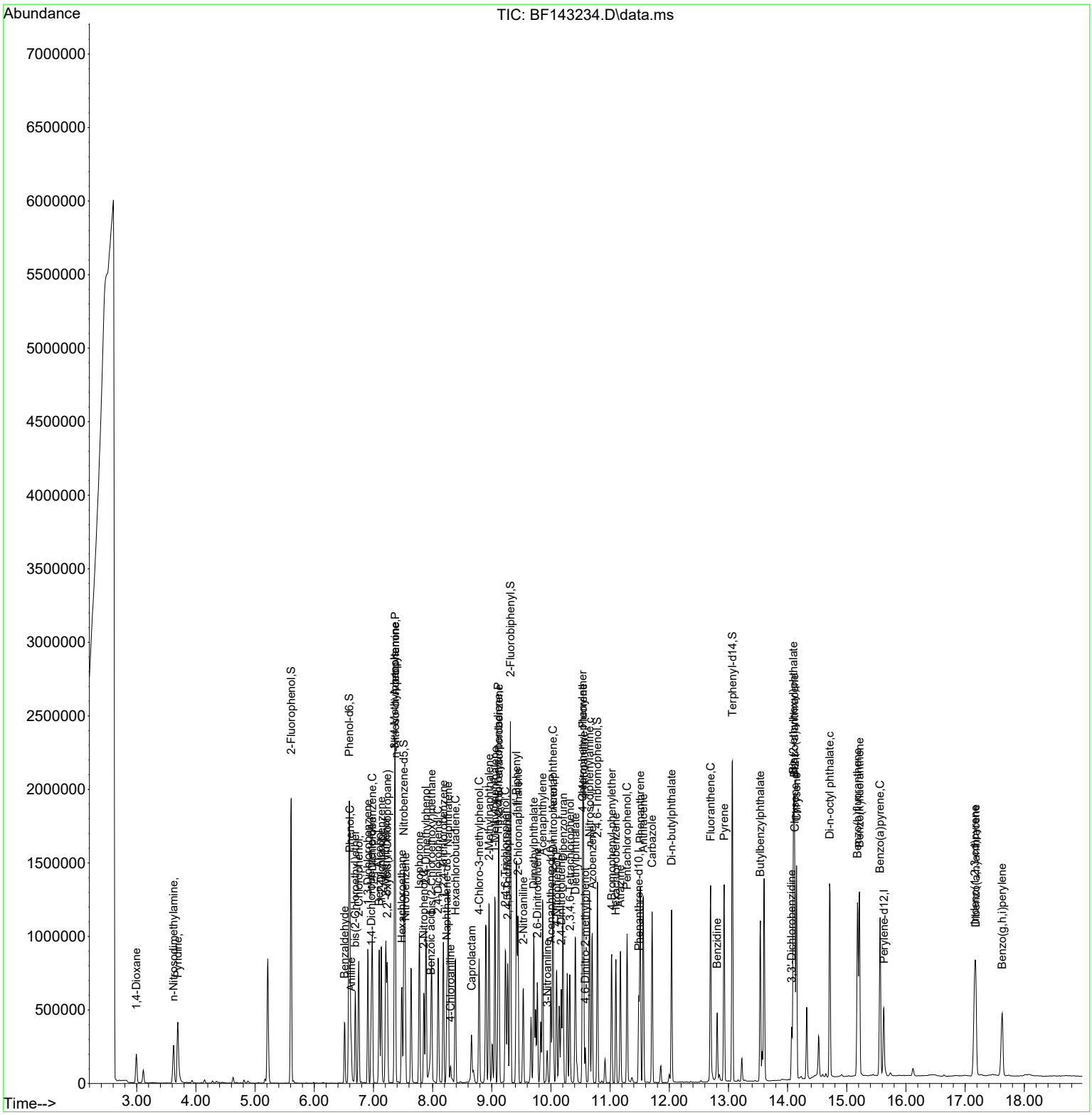
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143234.D
Acq On : 24 Jul 2025 15:29
Operator : RC/JU
Sample : Q2668-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 15:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025



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

Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDICC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	bf072425	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143223.D	Benzoic acid	Rahul	7/25/2025 8:48:54 AM	Jagrut	7/25/2025 11:04:29 AM	Peak Integrated by Software
PB168983BS	BF143227.D	Caprolactam	Rahul	7/25/2025 8:49:00 AM	Jagrut	7/25/2025 11:04:33 AM	Peak Integrated by Software
Q2668-04MS	BF143233.D	Benzoic acid	Rahul	7/25/2025 8:49:03 AM	Jagrut	7/25/2025 11:04:35 AM	Peak Integrated by Software
Q2668-04MSD	BF143234.D	Benzoic acid	Rahul	7/25/2025 8:49:06 AM	Jagrut	7/25/2025 11:04:38 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP072125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025197.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:45 AM	Jagrut	7/22/2025 9:10:15 AM	Peak Integrated by Software
SSTDICC050	BP025201.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:47 AM	Jagrut	7/22/2025 9:10:18 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Caprolactam	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Chrysene	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICC080	BP025203.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:50 AM	Jagrut	7/22/2025 9:10:21 AM	Peak Integrated by Software
SSTDICV040	BP025204.D	Indeno(1,2,3-cd)pyrene	Rahul	7/22/2025 8:58:52 AM	Jagrut	7/22/2025 9:10:23 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP072425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025235.D	Indeno(1,2,3-cd)pyrene	Rahul	7/25/2025 8:50:19 AM	Jagrut	7/25/2025 4:38:00 PM	Peak Integrated by Software
Q2481-13	BP025245.D	Acenaphthene-d10	Rahul	7/25/2025 8:50:22 AM	Jagrut	7/25/2025 4:38:02 PM	Peak Integrated by Software

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072425

Review By	Rahul	Review On	7/25/2025 8:49:54 AM				
Supervise By	Jagrut	Supervise On	7/25/2025 11:05:01 AM				
SubDirectory	BF072425	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143222.D	24 Jul 2025 09:03	RC/JU	Ok
2	SSTDCCC040	BF143223.D	24 Jul 2025 10:00	RC/JU	Ok,M
3	PB168981BL	BF143224.D	24 Jul 2025 10:29	RC/JU	Ok
4	PB168981BS	BF143225.D	24 Jul 2025 10:58	RC/JU	Ok,M
5	PB168983BL	BF143226.D	24 Jul 2025 11:28	RC/JU	Ok
6	PB168983BS	BF143227.D	24 Jul 2025 11:57	RC/JU	Ok,M
7	Q2668-08	BF143228.D	24 Jul 2025 12:33	RC/JU	Ok
8	Q2668-12	BF143229.D	24 Jul 2025 13:02	RC/JU	Ok
9	Q2481-21	BF143230.D	24 Jul 2025 13:32	RC/JU	Ok
10	Q2668-01	BF143231.D	24 Jul 2025 14:01	RC/JU	Ok
11	Q2668-04	BF143232.D	24 Jul 2025 14:30	RC/JU	Ok
12	Q2668-04MS	BF143233.D	24 Jul 2025 14:59	RC/JU	Ok,M
13	Q2668-04MSD	BF143234.D	24 Jul 2025 15:29	RC/JU	Ok,M
14	Q2668-09	BF143235.D	24 Jul 2025 15:58	RC/JU	Ok
15	Q2668-09MS	BF143236.D	24 Jul 2025 16:28	RC/JU	Ok
16	Q2668-09MSD	BF143237.D	24 Jul 2025 16:57	RC/JU	Ok
17	Q2676-01	BF143238.D	24 Jul 2025 17:26	RC/JU	Ok,M
18	Q2674-01	BF143239.D	24 Jul 2025 17:56	RC/JU	Ok
19	Q2675-01	BF143240.D	24 Jul 2025 18:25	RC/JU	Ok,M
20	Q2668-05	BF143241.D	24 Jul 2025 18:55	RC/JU	Ok
21	Q2677-03	BF143242.D	24 Jul 2025 19:24	RC/JU	Ok,M

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072425

Review By	Rahul	Review On	7/25/2025 8:49:54 AM				
Supervise By	Jagrut	Supervise On	7/25/2025 11:05:01 AM				
SubDirectory	BF072425	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2677-01	BF143243.D	24 Jul 2025 19:53	RC/JU	Ok,M
23	Q2676-03	BF143244.D	24 Jul 2025 20:22	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

Review By	Rahul	Review On	7/22/2025 8:59:18 AM		
Supervise By	Jagrut	Supervise On	7/22/2025 9:10:39 AM		
SubDirectory	BP072125	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025194.D	21 Jul 2025 13:02	CG/JU	Ok
2	SSTDCCC040	BP025195.D	21 Jul 2025 13:44	CG/JU	Not Ok
3	SSTDICC2.5	BP025196.D	21 Jul 2025 14:25	CG/JU	Ok
4	SSTDICC005	BP025197.D	21 Jul 2025 15:06	CG/JU	Ok,M
5	SSTDICC010	BP025198.D	21 Jul 2025 15:47	CG/JU	Ok
6	SSTDICC020	BP025199.D	21 Jul 2025 16:29	CG/JU	Ok
7	SSTDICCC040	BP025200.D	21 Jul 2025 17:10	CG/JU	Ok
8	SSTDICC050	BP025201.D	21 Jul 2025 17:51	CG/JU	Ok,M
9	SSTDICC060	BP025202.D	21 Jul 2025 18:32	CG/JU	Ok
10	SSTDICC080	BP025203.D	21 Jul 2025 19:14	CG/JU	Ok,M
11	SSTDICV040	BP025204.D	21 Jul 2025 19:55	CG/JU	Ok,M
12	PB168854BL	BP025205.D	21 Jul 2025 21:58	CG/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072425

Review By	Rahul	Review On	7/25/2025 8:50:44 AM				
Supervise By	Jagrut	Supervise On	7/25/2025 10:17:07 AM				
SubDirectory	BP072425	HP Acquire Method	BNA_P		HP Processing Method	bp072125	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025234.D	24 Jul 2025 09:13	CG/JU	Ok
2	SSTDCCC040	BP025235.D	24 Jul 2025 09:54	CG/JU	Ok,M
3	PB168969TB	BP025236.D	24 Jul 2025 10:36	CG/JU	Ok
4	PB168953TB	BP025237.D	24 Jul 2025 11:17	CG/JU	Ok
5	Q2481-12	BP025238.D	24 Jul 2025 12:01	CG/JU	Ok
6	Q2481-15	BP025239.D	24 Jul 2025 12:43	CG/JU	Ok
7	Q2481-16	BP025240.D	24 Jul 2025 13:24	CG/JU	Ok
8	Q2481-14	BP025241.D	24 Jul 2025 14:05	CG/JU	Ok
9	Q2481-17	BP025242.D	24 Jul 2025 14:46	CG/JU	Ok
10	Q2481-20	BP025243.D	24 Jul 2025 15:27	CG/JU	Ok
11	Q2481-19	BP025244.D	24 Jul 2025 16:09	CG/JU	Ok
12	Q2481-13	BP025245.D	24 Jul 2025 16:50	CG/JU	Ok,M
13	Q2481-18	BP025246.D	24 Jul 2025 17:31	CG/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072425

Review By	Rahul	Review On	7/25/2025 8:49:54 AM		
Supervise By	Jagrut	Supervise On	7/25/2025 11:05:01 AM		
SubDirectory	BF072425	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143222.D	24 Jul 2025 09:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143223.D	24 Jul 2025 10:00		RC/JU	Ok,M
3	PB168981BL	PB168981BL	BF143224.D	24 Jul 2025 10:29		RC/JU	Ok
4	PB168981BS	PB168981BS	BF143225.D	24 Jul 2025 10:58		RC/JU	Ok,M
5	PB168983BL	PB168983BL	BF143226.D	24 Jul 2025 11:28		RC/JU	Ok
6	PB168983BS	PB168983BS	BF143227.D	24 Jul 2025 11:57		RC/JU	Ok,M
7	Q2668-08	TP-3	BF143228.D	24 Jul 2025 12:33		RC/JU	Ok
8	Q2668-12	TP-1	BF143229.D	24 Jul 2025 13:02		RC/JU	Ok
9	Q2481-21	CC0627-SFBL	BF143230.D	24 Jul 2025 13:32	Surrogate Fail	RC/JU	Ok
10	Q2668-01	TP-2	BF143231.D	24 Jul 2025 14:01		RC/JU	Ok
11	Q2668-04	TP-2	BF143232.D	24 Jul 2025 14:30		RC/JU	Ok
12	Q2668-04MS	TP-2MS	BF143233.D	24 Jul 2025 14:59		RC/JU	Ok,M
13	Q2668-04MSD	TP-2MSD	BF143234.D	24 Jul 2025 15:29		RC/JU	Ok,M
14	Q2668-09	TP-1	BF143235.D	24 Jul 2025 15:58		RC/JU	Ok
15	Q2668-09MS	TP-1MS	BF143236.D	24 Jul 2025 16:28		RC/JU	Ok
16	Q2668-09MSD	TP-1MSD	BF143237.D	24 Jul 2025 16:57		RC/JU	Ok
17	Q2676-01	HD-01-07222025	BF143238.D	24 Jul 2025 17:26		RC/JU	Ok,M
18	Q2674-01	TR-04-072225	BF143239.D	24 Jul 2025 17:56		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF072425

Review By	Rahul	Review On	7/25/2025 8:49:54 AM		
Supervise By	Jagrut	Supervise On	7/25/2025 11:05:01 AM		
SubDirectory	BF072425	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2675-01	SU-03-07222025	BF143240.D	24 Jul 2025 18:25		RC/JU	Ok,M
20	Q2668-05	TP-3	BF143241.D	24 Jul 2025 18:55		RC/JU	Ok
21	Q2677-03	OK-03-07222025	BF143242.D	24 Jul 2025 19:24		RC/JU	Ok,M
22	Q2677-01	OK-02-07222025	BF143243.D	24 Jul 2025 19:53		RC/JU	Ok,M
23	Q2676-03	HD-02-07222025	BF143244.D	24 Jul 2025 20:22		RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072125

Review By	Rahul	Review On	7/22/2025 8:59:18 AM		
Supervise By	Jagrut	Supervise On	7/22/2025 9:10:39 AM		
SubDirectory	BP072125	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025194.D	21 Jul 2025 13:02		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025195.D	21 Jul 2025 13:44	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025196.D	21 Jul 2025 14:25		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025197.D	21 Jul 2025 15:06		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025198.D	21 Jul 2025 15:47		CG/JU	Ok
6	SSTDICC020	SSTDICC020	BP025199.D	21 Jul 2025 16:29		CG/JU	Ok
7	SSTDICCC040	SSTDICCC040	BP025200.D	21 Jul 2025 17:10		CG/JU	Ok
8	SSTDICC050	SSTDICC050	BP025201.D	21 Jul 2025 17:51		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025202.D	21 Jul 2025 18:32		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025203.D	21 Jul 2025 19:14	Compound#79 removed from 80 PPM.	CG/JU	Ok,M
11	SSTDICV040	ICVBP072125	BP025204.D	21 Jul 2025 19:55		CG/JU	Ok,M
12	PB168854BL	PB168854BL	BP025205.D	21 Jul 2025 21:58		CG/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP072425

Review By	Rahul	Review On	7/25/2025 8:50:44 AM		
Supervise By	Jagrut	Supervise On	7/25/2025 10:17:07 AM		
SubDirectory	BP072425	HP Acquire Method	BNA_P	HP Processing Method	bp072125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025234.D	24 Jul 2025 09:13		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025235.D	24 Jul 2025 09:54		CG/JU	Ok,M
3	PB168969TB	PB168969TB	BP025236.D	24 Jul 2025 10:36		CG/JU	Ok
4	PB168953TB	PB168953TB	BP025237.D	24 Jul 2025 11:17		CG/JU	Ok
5	Q2481-12	CC0627-AL	BP025238.D	24 Jul 2025 12:01		CG/JU	Ok
6	Q2481-15	CC0627-AOXL	BP025239.D	24 Jul 2025 12:43	Poor recoveries of Internal standard & surrogates	CG/JU	Ok
7	Q2481-16	CC0625-NL	BP025240.D	24 Jul 2025 13:24		CG/JU	Ok
8	Q2481-14	CC0625-OXBL	BP025241.D	24 Jul 2025 14:05	Internal Standard Fail	CG/JU	Ok
9	Q2481-17	CC0267-OXPL	BP025242.D	24 Jul 2025 14:46	Poor recoveries of Internal standard	CG/JU	Ok
10	Q2481-20	CC0627-BL	BP025243.D	24 Jul 2025 15:27	Surrogate Fail	CG/JU	Ok
11	Q2481-19	CC0627-CLOXAL	BP025244.D	24 Jul 2025 16:09	Poor recoveries of Internal standard & surrogates	CG/JU	Ok
12	Q2481-13	CC0627-CLOXPL	BP025245.D	24 Jul 2025 16:50	Poor recoveries of Internal standard & surrogates	CG/JU	Ok,M
13	Q2481-18	CC0627-OXL	BP025246.D	24 Jul 2025 17:31	Poor recoveries of Internal standard & surrogates	CG/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : [illegible]

Standared 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
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
N/A	N/A	N/A
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/23/25 11:00	JP / ZHE room	RB / EXT
	Preparation Group	**Analysis Group** DEP

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp w q2481 **WorkList ID :** 190885 **Department :** TCLP Extraction **Date :** 07-22-2025 15:41:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-12	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-13	CC0627-CLOXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-14	CC0625-OXBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-15	CC0627-AOXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-16	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-17	CC0267-OXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-18	CC0627-OXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-19	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-20	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-21	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311

Date/Time 07/22/25 16:00
Raw Sample Received by: SB (WC)
Raw Sample Relinquished by: CP SM

Date/Time 07/22/25 18:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168983

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/23/2025
Matrix :	Water			**Extraction Start Time :**	11:15
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	07/23/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443. Q2481 all samples used
Limited volume as samples are not regular environmental samples its chemical treated samples.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/23/25	RS (EXT-GC)	RC/SVOC
16:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168983

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 07/23/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168953TB	PB168953TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB168969TB	PB168969TB	TCLP BNA	100	6	RUPESH	ritesh	1			2
PB168983BL	PB168983BL	TCLP BNA	1000	6	RUPESH	ritesh	1			3
PB168983BS	PB168983BS	TCLP BNA	1000	6	RUPESH	ritesh	1			4
Q2481-12	CC0627-AL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	5
Q2481-13	CC0627-CLOXPL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	6
Q2481-14	CC0625-OXBL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	7
Q2481-15	CC0627-AOXL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	8
Q2481-16	CC0625-NL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	9
Q2481-17	CC0267-OXPL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	10
Q2481-18	CC0627-OXL	TCLP BNA	10	6	RUPESH	ritesh	2	A	Chemical Treated	11
Q2481-19	CC0627-CLOXAL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	12
Q2481-20	CC0627-BL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	13
Q2481-21	CC0627-SFBL	TCLP BNA	10	6	RUPESH	ritesh	1	A	Chemical Treated	14
Q2668-04	TP-2	TCLP BNA	100	6	RUPESH	ritesh	1	A		15
Q2668-04MS	TP-2MS	TCLP BNA	100	6	RUPESH	ritesh	1	A		16
Q2668-04MSD	TP-2MSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		SEP-1
Q2668-08	TP-3	TCLP BNA	100	6	RUPESH	ritesh	1	A		2
Q2668-12	TP-1	TCLP BNA	100	6	RUPESH	ritesh	1	A		3

RS 7/23

* **Extracts relinguished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

07/23/25
11:00

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168953

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
PB168953TB	LEB953	11	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2655-02	SOIL	01	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2660-02	MOO-25-0205	02	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2660-04	MOO-25-0218	03	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2667-01	C0AP2	04	100.01	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2667-02	C0AP3	05	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1
Q2668-04	TP-2	06	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2668-08	TP-3	07	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2668-12	TP-1	08	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2672-02	AUD-25-0123-0127	09	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2672-04	AUD-25-0128-0132	10	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1

04/23/25
11:00

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

LAB CHRONICLE

OrderID:	Q2481	**OrderDate:**	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	**Project:**	CC2-16 Analytical
Contact:	Ryan Simpson	**Location:**	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-12	**CC0627-AL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-13	**CC0627-CLOXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-14	**CC0625-OXBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-15	**CC0627-AOXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-16	**CC0625-NL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-17	**CC0267-OXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-18	**CC0627-OXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-19	**CC0627-CLOXAL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-20	**CC0627-BL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	
Q2481-21	**CC0627-SFBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP BNA	8270E		07/23/25	07/24/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2481 **Order ID:** Q2481

Client: Environmental Restoration, LLC **Project ID:** CC2-16 Analytical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

Raw Data: **PL096558.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	07/23/25
Client Sample ID:	PB168969TB	SDG No.:	Q2481
Lab Sample ID:	PB168969TB	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096558.D	1	07/23/25 12:15	07/24/25 13:18	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		61 - 148	95%	SPK: 20

Comments:

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

Raw Data: **PL096562.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-12	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096562.D	1	07/23/25 12:15	07/24/25 17:29	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.37	U	0.37	5.00	ug/L
76-44-8	Heptachlor	0.27	U	0.27	5.00	ug/L
1024-57-3	Heptachlor epoxide	0.96	U	0.96	5.00	ug/L
72-20-8	Endrin	0.32	U	0.32	5.00	ug/L
72-43-5	Methoxychlor	1.10	U	1.10	5.00	ug/L
8001-35-2	Toxaphene	17.0	U	17.0	100	ug/L
57-74-9	Chlordane	8.80	U	8.80	50.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.1		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		61 - 148	108%	SPK: 20

Comments:

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

Raw Data: **PD089672.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-13	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089672.D	20	07/23/25 12:15	07/29/25 16:11	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.40	U	7.40	100	ug/L
76-44-8	Heptachlor	5.40	U	5.40	100	ug/L
1024-57-3	Heptachlor epoxide	19.2	U	19.2	100	ug/L
72-20-8	Endrin	6.40	U	6.40	100	ug/L
72-43-5	Methoxychlor	22.0	U	22.0	100	ug/L
8001-35-2	Toxaphene	340	U	340	2000	ug/L
57-74-9	Chlordane	176	U	176	1000	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		57 - 171	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	131	*	61 - 148	655%	SPK: 20

Comments:

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

Raw Data: **PD089669.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-14	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089669.D	20	07/23/25 12:15	07/29/25 14:49	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.40	U	7.40	100	ug/L
76-44-8	Heptachlor	5.40	U	5.40	100	ug/L
1024-57-3	Heptachlor epoxide	19.2	U	19.2	100	ug/L
72-20-8	Endrin	6.40	U	6.40	100	ug/L
72-43-5	Methoxychlor	22.0	U	22.0	100	ug/L
8001-35-2	Toxaphene	340	U	340	2000	ug/L
57-74-9	Chlordane	176	U	176	1000	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	200	*	57 - 171	998%	SPK: 20
877-09-8	Tetrachloro-m-xylene	86.4	*	61 - 148	432%	SPK: 20

Comments:

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

Raw Data: **PL096563.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-15	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096563.D	1	07/23/25 12:15	07/24/25 17:42	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.37	U	0.37	5.00	ug/L
76-44-8	Heptachlor	0.27	U	0.27	5.00	ug/L
1024-57-3	Heptachlor epoxide	0.96	U	0.96	5.00	ug/L
72-20-8	Endrin	0.32	U	0.32	5.00	ug/L
72-43-5	Methoxychlor	1.10	U	1.10	5.00	ug/L
8001-35-2	Toxaphene	17.0	U	17.0	100	ug/L
57-74-9	Chlordane	8.80	U	8.80	50.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.9		57 - 171	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.9		61 - 148	125%	SPK: 20

Comments:

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

Raw Data: **PL096572.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-16	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096572.D	10	07/23/25 12:15	07/24/25 20:26	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	46.7	*	57 - 171	234%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.8		61 - 148	119%	SPK: 20

Comments:

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

Raw Data: **PL096573.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-17	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096573.D	10	07/23/25 12:15	07/24/25 20:40	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		57 - 171	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	28.9		61 - 148	145%	SPK: 20

Comments:

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

Raw Data: **PL096574.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-18	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096574.D	20	07/23/25 12:15	07/24/25 20:53	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.40	U	7.40	100	ug/L
76-44-8	Heptachlor	5.40	U	5.40	100	ug/L
1024-57-3	Heptachlor epoxide	19.2	U	19.2	100	ug/L
72-20-8	Endrin	6.40	U	6.40	100	ug/L
72-43-5	Methoxychlor	22.0	U	22.0	100	ug/L
8001-35-2	Toxaphene	340	U	340	2000	ug/L
57-74-9	Chlordane	176	U	176	1000	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		57 - 171	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	234	*	61 - 148	1168%	SPK: 20

Comments:

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

Raw Data: **PD089670.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-19	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089670.D	10	07/23/25 12:15	07/29/25 15:16	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.2		57 - 171	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16400	*	61 - 148	82241%	SPK: 20

Comments:

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

Raw Data: **PL096575.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-20	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096575.D	10	07/23/25 12:15	07/24/25 21:07	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.2		57 - 171	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	115	*	61 - 148	573%	SPK: 20

Comments:

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

Raw Data: **PD089671.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-21	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089671.D	1	07/23/25 12:15	07/29/25 15:43	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.37	U	0.37	5.00	ug/L
76-44-8	Heptachlor	0.27	U	0.27	5.00	ug/L
1024-57-3	Heptachlor epoxide	0.96	U	0.96	5.00	ug/L
72-20-8	Endrin	0.32	U	0.32	5.00	ug/L
72-43-5	Methoxychlor	1.10	U	1.10	5.00	ug/L
8001-35-2	Toxaphene	17.0	U	17.0	100	ug/L
57-74-9	Chlordane	8.80	U	8.80	50.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.7		57 - 171	73%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.3		61 - 148	71%	SPK: 20

Comments:

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

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD089537.D	PIBLK-PD089537.D	Decachlorobiphen	1	20	21.2	106		57	171
		Tetrachloro-m-xyl	1	20	18.5	92		61	148
		Decachlorobiphen	2	20	20.5	103		57	171
		Tetrachloro-m-xyl	2	20	19.9	100		61	148
I.BLK-PD089666.D	PIBLK-PD089666.D	Decachlorobiphen	1	20	26.5	133		57	171
		Tetrachloro-m-xyl	1	20	17.0	85		61	148
		Decachlorobiphen	2	20	21.9	110		57	171
		Tetrachloro-m-xyl	2	20	17.4	87		61	148
Q2481-14	CC0625-OXBL	Decachlorobiphen	1	20	200	998	*	57	171
		Tetrachloro-m-xyl	1	20	86.4	432	*	61	148
		Decachlorobiphen	2	20	159	794	*	57	171
		Tetrachloro-m-xyl	2	20	8.80	44	*	61	148
Q2481-19	CC0627-CLOXAL	Decachlorobiphen	1	20	15.2	76		57	171
		Tetrachloro-m-xyl	1	20	16400	82241	*	61	148
		Decachlorobiphen	2	20	9.80	49	*	57	171
		Tetrachloro-m-xyl	2	20	275	1375	*	61	148
Q2481-21	CC0627-SFBL	Decachlorobiphen	1	20	14.7	73		57	171
		Tetrachloro-m-xyl	1	20	14.3	71		61	148
		Decachlorobiphen	2	20	11.6	58		57	171
		Tetrachloro-m-xyl	2	20	14.0	70		61	148
Q2481-13	CC0627-CLOXPL	Decachlorobiphen	1	20	17.6	88		57	171
		Tetrachloro-m-xyl	1	20	131	655	*	61	148
		Decachlorobiphen	2	20	15.2	76		57	171
		Tetrachloro-m-xyl	2	20	77.2	386	*	61	148
I.BLK-PD089674.D	PIBLK-PD089674.D	Decachlorobiphen	1	20	25.3	127		57	171
		Tetrachloro-m-xyl	1	20	16.7	84		61	148
		Decachlorobiphen	2	20	20.8	104		57	171
		Tetrachloro-m-xyl	2	20	16.4	82		61	148
I.BLK-PL096237.D	PIBLK-PL096237.D	Decachlorobiphen	1	20	19.5	98		57	171
		Tetrachloro-m-xyl	1	20	17.9	89		61	148
		Decachlorobiphen	2	20	20.1	100		57	171
		Tetrachloro-m-xyl	2	20	18.9	94		61	148
I.BLK-PL096551.D	PIBLK-PL096551.D	Decachlorobiphen	1	20	20.1	100		57	171
		Tetrachloro-m-xyl	1	20	21.9	109		61	148
		Decachlorobiphen	2	20	16.9	84		57	171
		Tetrachloro-m-xyl	2	20	23.3	116		61	148
PB168984BL	PB168984BL	Decachlorobiphen	1	20	17.2	86		57	171
		Tetrachloro-m-xyl	1	20	17.8	89		61	148
		Decachlorobiphen	2	20	15.5	78		57	171
		Tetrachloro-m-xyl	2	20	19.6	98		61	148
PB168984BS	PB168984BS	Decachlorobiphen	1	20	19.0	95		57	171

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
PB168984BS	PB168984BS	Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	16.8	84		57	171
		Tetrachloro-m-xyl	2	20	20.7	104		61	148
PB168969TB	PB168969TB	Decachlorobiphen	1	20	17.4	87		57	171
		Tetrachloro-m-xyl	1	20	17.6	88		61	148
		Decachlorobiphen	2	20	15.7	78		57	171
		Tetrachloro-m-xyl	2	20	19.0	95		61	148
Q2641-02MS	P001-CONCRETE001-01MS	Decachlorobiphen	1	20	21.0	105		57	171
		Tetrachloro-m-xyl	1	20	20.9	105		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	21.8	109		61	148
Q2641-02MSD	P001-CONCRETE001-01MSD	Decachlorobiphen	1	20	20.6	103		57	171
		Tetrachloro-m-xyl	1	20	20.6	103		61	148
		Decachlorobiphen	2	20	19.2	96		57	171
		Tetrachloro-m-xyl	2	20	21.4	107		61	148
Q2481-12	CC0627-AL	Decachlorobiphen	1	20	21.1	106		57	171
		Tetrachloro-m-xyl	1	20	21.1	105		61	148
		Decachlorobiphen	2	20	19.6	98		57	171
		Tetrachloro-m-xyl	2	20	21.6	108		61	148
Q2481-15	CC0627-AOXL	Decachlorobiphen	1	20	19.9	99		57	171
		Tetrachloro-m-xyl	1	20	16.8	84		61	148
		Decachlorobiphen	2	20	18.3	91		57	171
		Tetrachloro-m-xyl	2	20	24.9	125		61	148
I.BLK-PL096566.D	PIBLK-PL096566.D	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	20.5	102		61	148
		Decachlorobiphen	2	20	18.2	91		57	171
		Tetrachloro-m-xyl	2	20	22.5	112		61	148
Q2481-16	CC0625-NL	Decachlorobiphen	1	20	46.7	234	*	57	171
		Tetrachloro-m-xyl	1	20	23.8	119		61	148
		Decachlorobiphen	2	20	20.0	100		57	171
		Tetrachloro-m-xyl	2	20	19.8	99		61	148
Q2481-17	CC0267-OXPL	Decachlorobiphen	1	20	16.8	84		57	171
		Tetrachloro-m-xyl	1	20	28.9	145		61	148
		Decachlorobiphen	2	20	19.5	98		57	171
		Tetrachloro-m-xyl	2	20	9.40	47	*	61	148
Q2481-18	CC0627-OXL	Decachlorobiphen	1	20	20.0	100		57	171
		Tetrachloro-m-xyl	1	20	234	1168	*	61	148
		Decachlorobiphen	2	20	22.0	110		57	171
		Tetrachloro-m-xyl	2	20	26.0	130		61	148
Q2481-20	CC0627-BL	Decachlorobiphen	1	20	22.2	111		57	171
		Tetrachloro-m-xyl	1	20	115	573	*	61	148

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2481-20	CC0627-BL	Decachlorobiphen	2	20	11.8	59		57	171
		Tetrachloro-m-xyl	2	20	14.0	70		61	148
I.BLK-PL096576.D	PIBLK-PL096576.D	Decachlorobiphen	1	20	16.5	83		57	171
		Tetrachloro-m-xyl	1	20	17.7	88		61	148
		Decachlorobiphen	2	20	14.0	70		57	171
		Tetrachloro-m-xyl	2	20	19.6	98		61	148

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8081B

Client: Environmental Restoration, LLC **DataFile :** PL096560.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: **Q2641-02MS** **Client Sample ID:** **P001-CONCRETE001-01M** **(Column 1)**											
gamma-BHC (Lindane)	5	0	5.60	ug/L	112				60	152	
Heptachlor	5	0	5.50	ug/L	110				56	147	
Heptachlor epoxide	5	0	5.80	ug/L	116				77	143	
Endrin	5	0	5.40	ug/L	108				76	144	
Methoxychlor	5	0.15	4.40	ug/L	87				70	142	
Lab Sample ID: **Q2641-02MS** **Client Sample ID:** **P001-CONCRETE001-01M** **(Column 2)**											
gamma-BHC (Lindane)	5	0	5.70	ug/L	114				60	152	
Heptachlor	5	0	5.50	ug/L	110				56	147	
Heptachlor epoxide	5	0	5.70	ug/L	114				77	143	
Endrin	5	0	5.30	ug/L	106				76	144	
Methoxychlor	5	0.14	4.50	ug/L	90				70	142	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8081B

Client: Environmental Restoration, LLC **DataFile :** PL096561.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: **Q2641-02MSD** **Client Sample ID:** **P001-CONCRETE001-01M** **(Column 1)**											
gamma-BHC (Lindane)	5	0	5.60	ug/L	112		0		60	152	20
Heptachlor	5	0	5.40	ug/L	108		2		56	147	20
Heptachlor epoxide	5	0	5.70	ug/L	114		2		77	143	20
Endrin	5	0	5.30	ug/L	106		2		76	144	20
Methoxychlor	5	0.15	4.40	ug/L	87		0		70	142	20
Lab Sample ID: **Q2641-02MSD** **Client Sample ID:** **P001-CONCRETE001-01M** **(Column 2)**											
gamma-BHC (Lindane)	5	0	5.60	ug/L	112		2		60	152	20
Heptachlor	5	0	5.40	ug/L	108		2		56	147	20
Heptachlor epoxide	5	0	5.60	ug/L	112		2		77	143	20
Endrin	5	0	5.20	ug/L	104		2		76	144	20
Methoxychlor	5	0.14	4.50	ug/L	90		0		70	142	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8081B

Client: Environmental Restoration, LLC **Datafile :** PL096555.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168984BS (Column 1)	gamma-BHC (Lindane)	0.5	0.56	ug/L	113				82	129	
	Heptachlor	0.5	0.53	ug/L	107				79	127	
	Heptachlor epoxide	0.5	0.61	ug/L	122				81	124	
	Endrin	0.5	0.46	ug/L	93				81	128	
	Methoxychlor	0.5	0.40	ug/L	79				78	108	
PB168984BS (Column 2)	gamma-BHC (Lindane)	0.5	0.60	ug/L	120				82	129	
	Heptachlor	0.5	0.55	ug/L	110				79	127	
	Heptachlor epoxide	0.5	0.59	ug/L	118				81	124	
	Endrin	0.5	0.48	ug/L	95				81	128	
	Methoxychlor	0.5	0.40	ug/L	79				78	108	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168984BL

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2481

Lab Sample ID: PB168984BL | Lab File ID: PL096554.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/23/2025

Date Analyzed (1): 07/24/2025 | Date Analyzed (2): 07/24/2025

Time Analyzed (1): 12:24 | Time Analyzed (2): 12:24

Instrument ID (1): ECD_L | Instrument ID (2): ECD_L

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
CC0625-OXBL	Q2481-14	PD089669.D	07/29/2025	07/29/2025
CC0627-CLOXAL	Q2481-19	PD089670.D	07/29/2025	07/29/2025
CC0627-SFBL	Q2481-21	PD089671.D	07/29/2025	07/29/2025
CC0627-CLOXPL	Q2481-13	PD089672.D	07/29/2025	07/29/2025
PB168984BS	PB168984BS	PL096555.D	07/24/2025	07/24/2025
PB168969TB	PB168969TB	PL096558.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MS	Q2641-02MS	PL096560.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MSD	Q2641-02MSD	PL096561.D	07/24/2025	07/24/2025
CC0627-AL	Q2481-12	PL096562.D	07/24/2025	07/24/2025
CC0627-AOXL	Q2481-15	PL096563.D	07/24/2025	07/24/2025
CC0625-NL	Q2481-16	PL096572.D	07/24/2025	07/24/2025
CC0267-OXPL	Q2481-17	PL096573.D	07/24/2025	07/24/2025
CC0627-OXL	Q2481-18	PL096574.D	07/24/2025	07/24/2025
CC0627-BL	Q2481-20	PL096575.D	07/24/2025	07/24/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PL096554.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB168984BL	SDG No.:	Q2481
Lab Sample ID:	PB168984BL	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096554.D	1	07/23/25 12:15	07/24/25 12:24	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.2		57 - 171	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		61 - 148	98%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/21/25
Project:	CC2-16 Analytical	Date Received:	07/21/25
Client Sample ID:	PIBLK-PD089537.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PD089537.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089537.D	1		07/21/25	PD072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		61 - 148	100%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/29/25
Project:	CC2-16 Analytical	Date Received:	07/29/25
Client Sample ID:	PIBLK-PD089666.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PD089666.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089666.D	1		07/29/25	Pd072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	26.5		57 - 171	133%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		61 - 148	87%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/29/25
Project:	CC2-16 Analytical	Date Received:	07/29/25
Client Sample ID:	PIBLK-PD089674.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PD089674.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089674.D	1		07/29/25	pd072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.3		57 - 171	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.7		61 - 148	84%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/07/25
Project:	CC2-16 Analytical	Date Received:	07/07/25
Client Sample ID:	PIBLK-PL096237.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096237.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096237.D	1		07/07/25	PL070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		57 - 171	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		61 - 148	94%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PL096551.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096551.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096551.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		57 - 171	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.3		61 - 148	116%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PL096566.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096566.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096566.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.5		61 - 148	112%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PL096576.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096576.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096576.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.5		57 - 171	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		61 - 148	98%	SPK: 20

Comments:

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

Raw Data: **PL096555.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB168984BS	SDG No.:	Q2481
Lab Sample ID:	PB168984BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096555.D	1	07/23/25 12:15	07/24/25 12:37	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.60		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.55		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.61		0.0096	0.050	ug/L
72-20-8	Endrin	0.48		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.40		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.0		57 - 171	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		61 - 148	104%	SPK: 20

Comments:

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

Raw Data: **PL096560.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	CC2-16 Analytical	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MS	SDG No.:	Q2481
Lab Sample ID:	Q2641-02MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096560.D	1	07/23/25 12:15	07/24/25 17:02	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.70		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.40		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.50		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		57 - 171	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		61 - 148	109%	SPK: 20

Comments:

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

Raw Data: **PL096561.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	CC2-16 Analytical	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MSD	SDG No.:	Q2481
Lab Sample ID:	Q2641-02MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096561.D	1	07/23/25 12:15	07/24/25 17:15	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.60		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.70		0.096	0.50	ug/L
72-20-8	Endrin	5.30		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.50		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		61 - 148	107%	SPK: 20

Comments:

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

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_D
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 12:49 13:44

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

LAB FILE ID: RT 100 = PD089540.D RT 075 = PD089541.D
RT 050 = PD089542.D RT 025 = PD089543.D RT 005 = PD089544.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_D
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 12:49 13:44

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

LAB FILE ID: RT 100 = PD089540.D RT 075 = PD089541.D
RT 050 = PD089542.D RT 025 = PD089543.D RT 005 = PD089544.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Endrin	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
gamma-BHC (Lindane)	3.73	3.73	3.73	3.73	3.73	3.73	3.63	3.83
Heptachlor	4.08	4.08	4.08	4.08	4.08	4.08	3.98	4.18
Heptachlor epoxide	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Methoxychlor	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 12:49 13:44

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

LAB FILE ID: **CF 100 =** PD089540.D **CF 075 =** PD089541.D
CF 050 = PD089542.D **CF 025 =** PD089543.D **CF 005 =** PD089544.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3778830000	3726250000	3920080000	4172650000	4937350000	4107030000	12
Endrin	4220470000	3970910000	4009040000	3935340000	4227020000	4072560000	3
gamma-BHC (Lindane)	5831570000	5501940000	5515460000	5260670000	5477580000	5517450000	4
Heptachlor	5683730000	5375760000	5408440000	5254920000	5546500000	5453870000	3
Heptachlor epoxide	4774830000	4538910000	4623950000	4578050000	5102280000	4723600000	5
Methoxychlor	1928970000	1871790000	1948840000	2024640000	2250230000	2004890000	7
Tetrachloro-m-xylene	2861200000	2751560000	2837820000	2840900000	3115350000	2881370000	5

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 12:49 13:44

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

LAB FILE ID: CF 100 = PD089540.D CF 075 = PD089541.D
CF 050 = PD089542.D CF 025 = PD089543.D CF 005 = PD089544.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	22483400000	22341200000	23337400000	24766100000	29913700000	24568400000	13
Endrin	22221400000	22119900000	23268200000	24542100000	28755900000	24181500000	11
gamma-BHC (Lindane)	26417200000	26004200000	27090700000	27637900000	31661500000	27762300000	8
Heptachlor	26144800000	25924100000	27192000000	28328900000	32502000000	28018400000	10
Heptachlor epoxide	22879600000	22776700000	24015400000	25146900000	29489500000	24861600000	11
Methoxychlor	10964900000	11074700000	11733900000	12584100000	14602000000	12191900000	12
Tetrachloro-m-xylene	18220100000	18058900000	18987900000	19622400000	22941400000	19566100000	10

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_D **Date(s) Analyzed:** 07/21/2025 07/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.71	4.61	4.81	191519000
		2	5.24	5.14	5.34	193401000
		3	5.94	5.84	6.04	769469000
		4	6.03	5.93	6.13	928843000
		5	6.87	6.77	6.97	162546000
Toxaphene	500	1	6.24	6.14	6.34	38650400
		2	6.44	6.34	6.54	53066200
		3	7.15	7.05	7.25	100896000
		4	7.56	7.46	7.66	131991000
		5	7.93	7.83	8.03	73924900

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_D **Date(s) Analyzed:** 07/21/2025 07/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.90	3.80	4.00	903874000
		2	4.49	4.39	4.59	942438000
		3	5.12	5.02	5.22	2774580000
		4	5.19	5.09	5.29	2332570000
		5	6.09	5.99	6.19	1137290000
Toxaphene	500	1	5.47	5.37	5.57	200100000
		2	5.64	5.54	5.74	130237000
		3	6.75	6.65	6.85	667274000
		4	7.20	7.10	7.30	456670000
		5	7.33	7.23	7.43	342929000

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_L
Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

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

LAB FILE ID: RT 100 = PL096240.D RT 075 = PL096241.D
RT 050 = PL096242.D RT 025 = PL096243.D RT 005 = PL096244.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
Endrin	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
gamma-BHC (Lindane)	4.31	4.31	4.31	4.31	4.31	4.31	4.21	4.41
Heptachlor	4.91	4.91	4.91	4.91	4.91	4.91	4.81	5.01
Heptachlor epoxide	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Methoxychlor	7.46	7.47	7.46	7.46	7.47	7.46	7.36	7.56
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_L
Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

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

LAB FILE ID: RT 100 = PL096240.D RT 075 = PL096241.D
RT 050 = PL096242.D RT 025 = PL096243.D RT 005 = PL096244.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Endrin	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
gamma-BHC (Lindane)	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Heptachlor	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Heptachlor epoxide	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Methoxychlor	6.69	6.69	6.68	6.68	6.69	6.68	6.58	6.78
Tetrachloro-m-xylene	2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

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

LAB FILE ID: CF 100 = PL096240.D CF 075 = PL096241.D
CF 050 = PL096242.D CF 025 = PL096243.D CF 005 = PL096244.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2734760000	2660070000	2729730000	2840050000	3100690000	2813060000	6
Endrin	3278570000	3096260000	3152290000	3035270000	2988660000	3110210000	4
gamma-BHC (Lindane)	5277490000	4937170000	5003630000	4872450000	4807500000	4979650000	4
Heptachlor	4644220000	4480710000	4500180000	4479130000	4801850000	4581220000	3
Heptachlor epoxide	4361240000	4217620000	4223310000	4173120000	3770510000	4149160000	5
Methoxychlor	1520130000	1498290000	1535260000	1580890000	1742410000	1575400000	6
Tetrachloro-m-xylene	3687130000	3500570000	3606810000	3645250000	3805110000	3648970000	3

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_L **Calibration Date(s):** 07/07/2025 07/07/2025

Calibration Times: 10:53 11:49

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

LAB FILE ID: **CF 100 =** PL096240.D **CF 075 =** PL096241.D

CF 050 = PL096242.D **CF 025 =** PL096243.D **CF 005 =** PL096244.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4787910000	4666610000	4872180000	5085100000	5520680000	4986500000	7
Endrin	6179120000	5963060000	6145890000	6105230000	6089210000	6096500000	1
gamma-BHC (Lindane)	8140460000	7776520000	7961280000	7854920000	7646170000	7875870000	2
Heptachlor	7661840000	7400290000	7666040000	7667210000	7643400000	7607760000	2
Heptachlor epoxide	6588350000	6451450000	6691850000	6724070000	6968780000	6684900000	3
Methoxychlor	2949250000	2893130000	3027760000	3113420000	3205310000	3037770000	4
Tetrachloro-m-xylene	5771200000	5549810000	5746090000	5799260000	5989730000	5771220000	3

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_L **Date(s) Analyzed:** 07/07/2025 07/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.69	4.59	4.79	177410000
		2	5.22	5.12	5.32	190569000
		3	5.92	5.82	6.02	738441000
		4	6.00	5.90	6.10	895986000
		5	6.84	6.74	6.94	143848000
Toxaphene	500	1	6.22	6.12	6.32	30025500
		2	6.61	6.51	6.71	26119300
		3	7.03	6.93	7.13	120095000
		4	7.12	7.02	7.22	85971000
		5	7.90	7.80	8.00	61804300

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_L **Date(s) Analyzed:** 07/07/2025 07/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.84	3.74	3.94	235477000
		2	4.42	4.32	4.52	272171000
		3	5.06	4.96	5.16	797275000
		4	5.12	5.02	5.22	725774000
		5	6.01	5.91	6.11	282958000
Toxaphene	500	1	5.08	4.98	5.18	36707400
		2	5.76	5.66	5.86	51848200
		3	6.04	5.94	6.14	51417500
		4	6.68	6.58	6.78	166414000
		5	7.12	7.02	7.22	101419000

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 12:49 13:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	-0.01
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 12:49 13:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089668.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.081	8.971	9.171	56.770	50.000	13.5
Endrin	6.582	6.472	6.672	54.490	50.000	9.0
gamma-BHC (Lindane)	4.338	4.228	4.428	53.490	50.000	7.0
Heptachlor	4.937	4.827	5.027	48.240	50.000	-3.5
Heptachlor epoxide	5.699	5.588	5.788	53.780	50.000	7.6
Methoxychlor	7.501	7.392	7.592	50.280	50.000	0.6
Tetrachloro-m-xylene	3.557	3.448	3.648	50.420	50.000	0.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089668.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.070	7.970	8.170	46.190	50.000	-7.6
Endrin	5.787	5.687	5.887	45.910	50.000	-8.2
gamma-BHC (Lindane)	3.728	3.627	3.827	47.390	50.000	-5.2
Heptachlor	4.081	3.980	4.180	44.990	50.000	-10.0
Heptachlor epoxide	4.871	4.770	4.970	46.820	50.000	-6.4
Methoxychlor	6.752	6.651	6.851	41.450	50.000	-17.1
Tetrachloro-m-xylene	2.878	2.779	2.979	46.680	50.000	-6.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:41 **Initial Calibration Time(s):** 12:49 13:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:41 **Initial Calibration Time(s):** 12:49 13:44

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089675.D **Time Analyzed:** 18:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.079	8.971	9.171	48.600	50.000	-2.8
Endrin	6.580	6.472	6.672	53.670	50.000	7.3
gamma-BHC (Lindane)	4.336	4.228	4.428	53.510	50.000	7.0
Heptachlor	4.935	4.827	5.027	46.050	50.000	-7.9
Heptachlor epoxide	5.697	5.588	5.788	53.610	50.000	7.2
Methoxychlor	7.499	7.392	7.592	49.550	50.000	-0.9
Tetrachloro-m-xylene	3.556	3.448	3.648	49.960	50.000	-0.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089675.D **Time Analyzed:** 18:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.070	7.970	8.170	40.880	50.000	-18.2
Endrin	5.787	5.687	5.887	45.650	50.000	-8.7
gamma-BHC (Lindane)	3.727	3.627	3.827	47.480	50.000	-5.0
Heptachlor	4.080	3.980	4.180	44.760	50.000	-10.5
Heptachlor epoxide	4.870	4.770	4.970	47.240	50.000	-5.5
Methoxychlor	6.752	6.651	6.851	41.420	50.000	-17.2
Tetrachloro-m-xylene	2.878	2.779	2.979	46.880	50.000	-6.2

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 11:28 **Initial Calibration Time(s):** 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 11:28 **Initial Calibration Time(s):** 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.66	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096553.D **Time Analyzed:** 11:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.017	8.920	9.120	54.750	50.000	9.5
Endrin	6.543	6.445	6.645	52.690	50.000	5.4
gamma-BHC (Lindane)	4.311	4.213	4.413	57.100	50.000	14.2
Heptachlor	4.903	4.806	5.006	54.190	50.000	8.4
Heptachlor epoxide	5.662	5.565	5.765	57.860	50.000	15.7
Methoxychlor	7.463	7.364	7.564	57.890	50.000	15.8
Tetrachloro-m-xylene	3.535	3.438	3.638	55.150	50.000	10.3

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096553.D **Time Analyzed:** 11:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.896	8.096	47.090	50.000	-5.8
Endrin	5.709	5.612	5.812	56.050	50.000	12.1
gamma-BHC (Lindane)	3.664	3.567	3.767	57.790	50.000	15.6
Heptachlor	4.013	3.917	4.117	55.010	50.000	10.0
Heptachlor epoxide	4.798	4.702	4.902	56.250	50.000	12.5
Methoxychlor	6.681	6.584	6.784	54.670	50.000	9.3
Tetrachloro-m-xylene	2.827	2.729	2.929	57.210	50.000	14.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 18:51 **Initial Calibration Time(s):** 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 18:51 **Initial Calibration Time(s):** 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.00
Heptachlor	4.02	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096568.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.016	8.920	9.120	57.800	50.000	15.6
Endrin	6.543	6.445	6.645	57.090	50.000	14.2
gamma-BHC (Lindane)	4.312	4.213	4.413	56.850	50.000	13.7
Heptachlor	4.903	4.806	5.006	57.150	50.000	14.3
Heptachlor epoxide	5.663	5.565	5.765	57.210	50.000	14.4
Methoxychlor	7.461	7.364	7.564	59.290	50.000	18.6
Tetrachloro-m-xylene	3.536	3.438	3.638	56.140	50.000	12.3

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096568.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.896	8.096	38.640	50.000	-22.7
Endrin	5.710	5.612	5.812	54.160	50.000	8.3
gamma-BHC (Lindane)	3.666	3.567	3.767	58.700	50.000	17.4
Heptachlor	4.015	3.917	4.117	56.670	50.000	13.3
Heptachlor epoxide	4.800	4.702	4.902	55.590	50.000	11.2
Methoxychlor	6.682	6.584	6.784	59.020	50.000	18.0
Tetrachloro-m-xylene	2.829	2.729	2.929	58.000	50.000	16.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 23:50 **Initial Calibration Time(s):** 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 23:50 **Initial Calibration Time(s):** 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096577.D **Time Analyzed:** 23:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.015	8.920	9.120	48.250	50.000	-3.5
Endrin	6.541	6.445	6.645	48.910	50.000	-2.2
gamma-BHC (Lindane)	4.311	4.213	4.413	53.040	50.000	6.1
Heptachlor	4.901	4.806	5.006	43.900	50.000	-12.2
Heptachlor epoxide	5.660	5.565	5.765	56.820	50.000	13.6
Methoxychlor	7.462	7.364	7.564	47.730	50.000	-4.5
Tetrachloro-m-xylene	3.535	3.438	3.638	49.130	50.000	-1.7

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096577.D **Time Analyzed:** 23:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.992	7.896	8.096	43.920	50.000	-12.2
Endrin	5.709	5.612	5.812	41.280	50.000	-17.4
gamma-BHC (Lindane)	3.665	3.567	3.767	53.260	50.000	6.5
Heptachlor	4.014	3.917	4.117	47.510	50.000	-5.0
Heptachlor epoxide	4.799	4.702	4.902	51.760	50.000	3.5
Methoxychlor	6.681	6.584	6.784	40.150	50.000	-19.7
Tetrachloro-m-xylene	2.828	2.729	2.929	52.110	50.000	4.2

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089538.D **Date Analyzed:** 07/21/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.970	9.170	19.790	20.000	-1.1
Tetrachloro-m-xylene	3.548	3.500	3.600	18.520	20.000	-7.4
alpha-BHC	3.997	3.950	4.050	8.840	10.000	-11.6
beta-BHC	4.514	4.460	4.560	9.740	10.000	-2.6
gamma-BHC (Lindane)	4.328	4.280	4.380	9.170	10.000	-8.3
Endrin	6.573	6.500	6.640	47.840	50.000	-4.3
4,4'-DDT	7.020	6.950	7.090	95.200	100.000	-4.8
Methoxychlor	7.492	7.420	7.560	219.620	250.000	-12.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089538.D **Date Analyzed:** 07/21/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.069	7.970	8.170	19.600	20.000	-2.0
Tetrachloro-m-xylene	2.879	2.830	2.930	19.070	20.000	-4.7
alpha-BHC	3.391	3.340	3.440	10.560	10.000	5.6
beta-BHC	4.023	3.970	4.070	10.500	10.000	5.0
gamma-BHC (Lindane)	3.727	3.680	3.780	10.200	10.000	2.0
Endrin	5.787	5.720	5.860	46.920	50.000	-6.2
4,4'-DDT	6.181	6.110	6.250	91.020	100.000	-9.0
Methoxychlor	6.751	6.680	6.820	188.630	250.000	-24.5

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089667.D **Date Analyzed:** 07/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.970	9.170	16.720	20.000	-16.4
Tetrachloro-m-xylene	3.550	3.500	3.600	16.030	20.000	-19.9
alpha-BHC	3.999	3.950	4.050	7.830	10.000	-21.7
beta-BHC	4.516	4.470	4.570	8.230	10.000	-17.7
gamma-BHC (Lindane)	4.330	4.280	4.380	8.050	10.000	-19.5
Endrin	6.574	6.500	6.640	44.330	50.000	-11.3
4,4'-DDT	7.020	6.950	7.090	89.180	100.000	-10.8
Methoxychlor	7.492	7.420	7.560	201.940	250.000	-19.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089667.D **Date Analyzed:** 07/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.068	7.970	8.170	14.100	20.000	-29.5
Tetrachloro-m-xylene	2.880	2.830	2.930	16.310	20.000	-18.5
alpha-BHC	3.392	3.340	3.440	8.680	10.000	-13.2
beta-BHC	4.024	3.970	4.070	8.790	10.000	-12.1
gamma-BHC (Lindane)	3.728	3.680	3.780	8.750	10.000	-12.5
Endrin	5.786	5.720	5.860	39.100	50.000	-21.8
4,4'-DDT	6.180	6.110	6.250	73.610	100.000	-26.4
Methoxychlor	6.751	6.680	6.820	155.280	250.000	-37.9

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D **Date Analyzed:** 07/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:26

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.020	8.920	9.120	21.820	20.000	9.1
Tetrachloro-m-xylene	3.537	3.490	3.590	20.640	20.000	3.2
alpha-BHC	3.985	3.930	4.040	10.150	10.000	1.5
beta-BHC	4.500	4.450	4.550	10.650	10.000	6.5
gamma-BHC (Lindane)	4.313	4.260	4.360	10.640	10.000	6.4
Endrin	6.546	6.480	6.620	55.200	50.000	10.4
4,4'-DDT	6.992	6.920	7.060	106.050	100.000	6.1
Methoxychlor	7.465	7.390	7.540	251.880	250.000	0.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D **Date Analyzed:** 07/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:26

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.996	7.900	8.100	21.970	20.000	9.9
Tetrachloro-m-xylene	2.829	2.780	2.880	21.010	20.000	5.1
alpha-BHC	3.335	3.280	3.390	10.410	10.000	4.1
beta-BHC	3.963	3.910	4.010	10.960	10.000	9.6
gamma-BHC (Lindane)	3.667	3.620	3.720	10.560	10.000	5.6
Endrin	5.713	5.640	5.780	55.380	50.000	10.8
4,4'-DDT	6.113	6.040	6.180	113.720	100.000	13.7
Methoxychlor	6.685	6.610	6.760	248.840	250.000	-0.5

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096552.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.013	8.910	9.110	19.760	20.000	-1.2
Tetrachloro-m-xylene	3.534	3.480	3.580	21.860	20.000	9.3
alpha-BHC	3.982	3.930	4.030	10.780	10.000	7.8
beta-BHC	4.496	4.450	4.550	11.640	10.000	16.4
gamma-BHC (Lindane)	4.309	4.260	4.360	11.060	10.000	10.6
Endrin	6.541	6.470	6.610	49.940	50.000	-0.1
4,4'-DDT	6.988	6.920	7.060	84.700	100.000	-15.3
Methoxychlor	7.461	7.390	7.530	201.090	250.000	-19.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096552.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.990	7.890	8.090	16.980	20.000	-15.1
Tetrachloro-m-xylene	2.827	2.780	2.880	22.440	20.000	12.2
alpha-BHC	3.332	3.280	3.380	11.170	10.000	11.7
beta-BHC	3.960	3.910	4.010	11.760	10.000	17.6
gamma-BHC (Lindane)	3.664	3.610	3.710	11.230	10.000	12.3
Endrin	5.707	5.640	5.780	51.550	50.000	3.1
4,4'-DDT	6.107	6.040	6.180	88.230	100.000	-11.8
Methoxychlor	6.680	6.610	6.750	190.350	250.000	-23.9

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096567.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.015	8.910	9.120	20.440	20.000	2.2
Tetrachloro-m-xylene	3.536	3.490	3.590	21.500	20.000	7.5
alpha-BHC	3.983	3.930	4.030	10.620	10.000	6.2
beta-BHC	4.497	4.450	4.550	11.290	10.000	12.9
gamma-BHC (Lindane)	4.310	4.260	4.360	10.850	10.000	8.5
Endrin	6.542	6.470	6.610	55.460	50.000	10.9
4,4'-DDT	6.989	6.920	7.060	91.110	100.000	-8.9
Methoxychlor	7.461	7.390	7.530	220.730	250.000	-11.7

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096567.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.890	8.090	18.340	20.000	-8.3
Tetrachloro-m-xylene	2.829	2.780	2.880	22.200	20.000	11.0
alpha-BHC	3.334	3.280	3.380	11.070	10.000	10.7
beta-BHC	3.962	3.910	4.010	11.440	10.000	14.4
gamma-BHC (Lindane)	3.665	3.610	3.720	11.040	10.000	10.4
Endrin	5.709	5.640	5.780	51.400	50.000	2.8
4,4'-DDT	6.109	6.040	6.180	91.470	100.000	-8.5
Methoxychlor	6.681	6.610	6.750	204.040	250.000	-18.4

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

Analytical Sequence

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Project: CC2-16 Analytical **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

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 #
I.BLK	I.BLK	07/21/2025	12:08	PD089537.D	9.07	3.55
PEM	PEM	07/21/2025	12:22	PD089538.D	9.07	3.55
RESCHK	RESCHK	07/21/2025	12:35	PD089539.D	9.07	3.55
PSTDICC100	PSTDICC100	07/21/2025	12:49	PD089540.D	9.07	3.55
PSTDICC075	PSTDICC075	07/21/2025	13:03	PD089541.D	9.07	3.55
PSTDICC050	PSTDICC050	07/21/2025	13:16	PD089542.D	9.07	3.55
PSTDICC025	PSTDICC025	07/21/2025	13:30	PD089543.D	9.07	3.55
PSTDICC005	PSTDICC005	07/21/2025	13:44	PD089544.D	9.07	3.55
PCHLORICC500	PCHLORICC500	07/21/2025	14:25	PD089547.D	9.07	3.55
PTOXICC500	PTOXICC500	07/21/2025	15:32	PD089552.D	9.07	3.55
I.BLK	I.BLK	07/29/2025	10:23	PD089666.D	9.07	3.55
PEM	PEM	07/29/2025	10:37	PD089667.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/29/2025	14:35	PD089668.D	9.08	3.56
CC0625-OXBL	Q2481-14	07/29/2025	14:49	PD089669.D	9.07	3.56
CC0627-CLOXAL	Q2481-19	07/29/2025	15:16	PD089670.D	9.07	3.59
CC0627-SFBL	Q2481-21	07/29/2025	15:43	PD089671.D	9.07	3.55
CC0627-CLOXPL	Q2481-13	07/29/2025	16:11	PD089672.D	9.07	3.56
I.BLK	I.BLK	07/29/2025	17:05	PD089674.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/29/2025	18:41	PD089675.D	9.08	3.56
I.BLK	I.BLK	07/07/2025	10:12	PL096237.D	9.02	3.54
PEM	PEM	07/07/2025	10:26	PL096238.D	9.02	3.54
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	9.02	3.54
PSTDICC100	PSTDICC100	07/07/2025	10:53	PL096240.D	9.02	3.54
PSTDICC075	PSTDICC075	07/07/2025	11:09	PL096241.D	9.02	3.54
PSTDICC050	PSTDICC050	07/07/2025	11:22	PL096242.D	9.02	3.54
PSTDICC025	PSTDICC025	07/07/2025	11:36	PL096243.D	9.02	3.54
PSTDICC005	PSTDICC005	07/07/2025	11:49	PL096244.D	9.02	3.54
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	9.02	3.54
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	9.02	3.54
I.BLK	I.BLK	07/24/2025	10:42	PL096551.D	9.02	3.53
PEM	PEM	07/24/2025	10:56	PL096552.D	9.01	3.53
PSTDCCC050	PSTDCCC050	07/24/2025	11:28	PL096553.D	9.02	3.54
PB168984BL	PB168984BL	07/24/2025	12:24	PL096554.D	9.02	3.53
PB168984BS	PB168984BS	07/24/2025	12:37	PL096555.D	9.02	3.54
PB168969TB	PB168969TB	07/24/2025	13:18	PL096558.D	9.02	3.54
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	17:02	PL096560.D	9.02	3.54
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	17:15	PL096561.D	9.02	3.54
CC0627-AL	Q2481-12	07/24/2025	17:29	PL096562.D	9.02	3.54
CC0627-AOXL	Q2481-15	07/24/2025	17:42	PL096563.D	9.02	3.54
I.BLK	I.BLK	07/24/2025	18:23	PL096566.D	9.02	3.54
PEM	PEM	07/24/2025	18:37	PL096567.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/24/2025	18:51	PL096568.D	9.02	3.54

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

Analytical Sequence

CC0625-NL	Q2481-16	07/24/2025	20:26	PL096572.D	9.02	3.53
CC0267-OXPL	Q2481-17	07/24/2025	20:40	PL096573.D	9.02	3.53
CC0627-OXL	Q2481-18	07/24/2025	20:53	PL096574.D	9.02	3.54
CC0627-BL	Q2481-20	07/24/2025	21:07	PL096575.D	9.02	3.55
I.BLK	I.BLK	07/24/2025	21:20	PL096576.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/24/2025	23:50	PL096577.D	9.02	3.54

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

Analytical Sequence

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Project: CC2-16 Analytical **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

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 #
I.BLK	I.BLK	07/21/2025	12:08	PD089537.D	8.07	2.88
PEM	PEM	07/21/2025	12:22	PD089538.D	8.07	2.88
RESCHK	RESCHK	07/21/2025	12:35	PD089539.D	8.07	2.88
PSTDICC100	PSTDICC100	07/21/2025	12:49	PD089540.D	8.07	2.88
PSTDICC075	PSTDICC075	07/21/2025	13:03	PD089541.D	8.07	2.88
PSTDICC050	PSTDICC050	07/21/2025	13:16	PD089542.D	8.07	2.88
PSTDICC025	PSTDICC025	07/21/2025	13:30	PD089543.D	8.07	2.88
PSTDICC005	PSTDICC005	07/21/2025	13:44	PD089544.D	8.07	2.88
PCHLORICC500	PCHLORICC500	07/21/2025	14:25	PD089547.D	8.07	2.88
PTOXICC500	PTOXICC500	07/21/2025	15:32	PD089552.D	8.07	2.88
I.BLK	I.BLK	07/29/2025	10:23	PD089666.D	8.07	2.88
PEM	PEM	07/29/2025	10:37	PD089667.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/29/2025	14:35	PD089668.D	8.07	2.88
CC0625-OXBL	Q2481-14	07/29/2025	14:49	PD089669.D	8.07	2.88
CC0627-CLOXAL	Q2481-19	07/29/2025	15:16	PD089670.D	8.07	2.87
CC0627-SFBL	Q2481-21	07/29/2025	15:43	PD089671.D	8.07	2.88
CC0627-CLOXPL	Q2481-13	07/29/2025	16:11	PD089672.D	8.07	2.88
I.BLK	I.BLK	07/29/2025	17:05	PD089674.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/29/2025	18:41	PD089675.D	8.07	2.88
I.BLK	I.BLK	07/07/2025	10:12	PL096237.D	8.00	2.83
PEM	PEM	07/07/2025	10:26	PL096238.D	8.00	2.83
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	8.00	2.83
PSTDICC100	PSTDICC100	07/07/2025	10:53	PL096240.D	8.00	2.83
PSTDICC075	PSTDICC075	07/07/2025	11:09	PL096241.D	8.00	2.83
PSTDICC050	PSTDICC050	07/07/2025	11:22	PL096242.D	8.00	2.83
PSTDICC025	PSTDICC025	07/07/2025	11:36	PL096243.D	8.00	2.83
PSTDICC005	PSTDICC005	07/07/2025	11:49	PL096244.D	8.00	2.83
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	8.00	2.83
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	8.00	2.83
I.BLK	I.BLK	07/24/2025	10:42	PL096551.D	7.99	2.83
PEM	PEM	07/24/2025	10:56	PL096552.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	11:28	PL096553.D	7.99	2.83
PB168984BL	PB168984BL	07/24/2025	12:24	PL096554.D	7.99	2.82
PB168984BS	PB168984BS	07/24/2025	12:37	PL096555.D	7.99	2.83
PB168969TB	PB168969TB	07/24/2025	13:18	PL096558.D	7.99	2.83
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	17:02	PL096560.D	7.99	2.83
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	17:15	PL096561.D	7.99	2.83
CC0627-AL	Q2481-12	07/24/2025	17:29	PL096562.D	7.99	2.83
CC0627-AOXL	Q2481-15	07/24/2025	17:42	PL096563.D	7.99	2.83
I.BLK	I.BLK	07/24/2025	18:23	PL096566.D	7.99	2.83
PEM	PEM	07/24/2025	18:37	PL096567.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	18:51	PL096568.D	7.99	2.83

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

Analytical Sequence

CC0625-NL	Q2481-16	07/24/2025	20:26	PL096572.D	7.99	2.83
CC0267-OXPL	Q2481-17	07/24/2025	20:40	PL096573.D	7.99	2.83
CC0627-OXL	Q2481-18	07/24/2025	20:53	PL096574.D	7.99	2.84
CC0627-BL	Q2481-20	07/24/2025	21:07	PL096575.D	7.99	2.83
I.BLK	I.BLK	07/24/2025	21:20	PL096576.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	23:50	PL096577.D	7.99	2.83

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MS

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: Q2641-02MS **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.46	7.41	7.51	4.40	2.2
	2	6.68	6.63	6.73	4.50	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	5.60	1.8
	2	3.67	3.62	3.72	5.70	
Heptachlor	1	4.90	4.85	4.95	5.50	0
	2	4.01	3.96	4.06	5.50	
Heptachlor epoxide	1	5.66	5.61	5.71	5.80	1.7
	2	4.80	4.75	4.85	5.70	
Endrin	1	6.54	6.49	6.59	5.40	1.9
	2	5.71	5.66	5.76	5.30	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MSD

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: Q2641-02MSD **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.54	6.49	6.59	5.30	1.9
	2	5.71	5.66	5.76	5.20	
Methoxychlor	1	7.46	7.41	7.51	4.40	2.2
	2	6.68	6.63	6.73	4.50	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	5.60	0
	2	3.67	3.62	3.72	5.60	
Heptachlor	1	4.90	4.85	4.95	5.40	0
	2	4.02	3.97	4.07	5.40	
Heptachlor epoxide	1	5.66	5.61	5.71	5.70	1.8
	2	4.80	4.75	4.85	5.60	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168984BS

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: PB168984BS **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.46	7.41	7.51	0.40	0.1
	2	6.68	6.63	6.73	0.40	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.56	6.2
	2	3.67	3.62	3.72	0.60	
Heptachlor	1	4.90	4.85	4.95	0.53	3.2
	2	4.01	3.96	4.06	0.55	
Heptachlor epoxide	1	5.66	5.61	5.71	0.61	3.3
	2	4.80	4.75	4.85	0.59	
Endrin	1	6.54	6.49	6.59	0.46	2.5
	2	5.71	5.66	5.76	0.48	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 13:18
Operator : AR\AJ
Sample : PB168969TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168969TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.829	64178473	109.4E6	17.588	18.961
28)	SA Decachlor...	9.015	7.992	48891459	78095695	17.380	15.661
	Target Compounds						

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

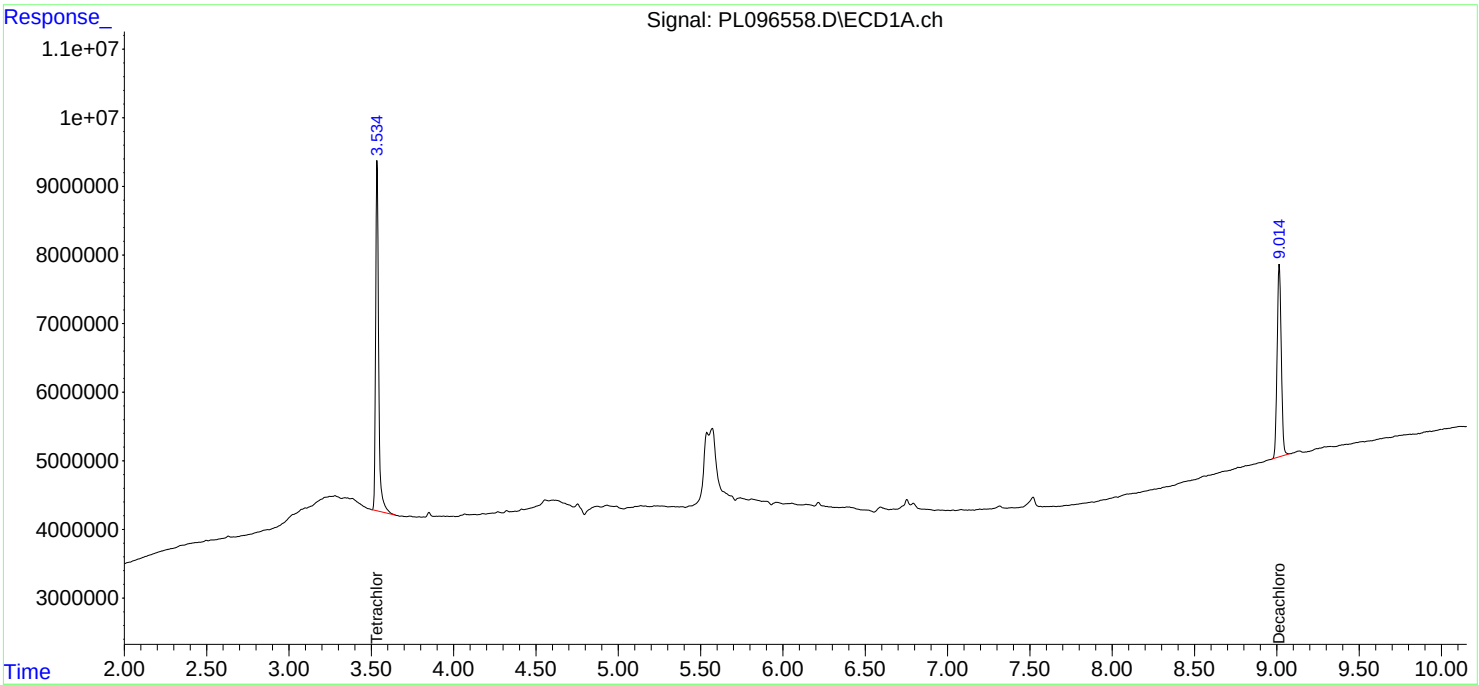
Sample Results: **PL096558.D**

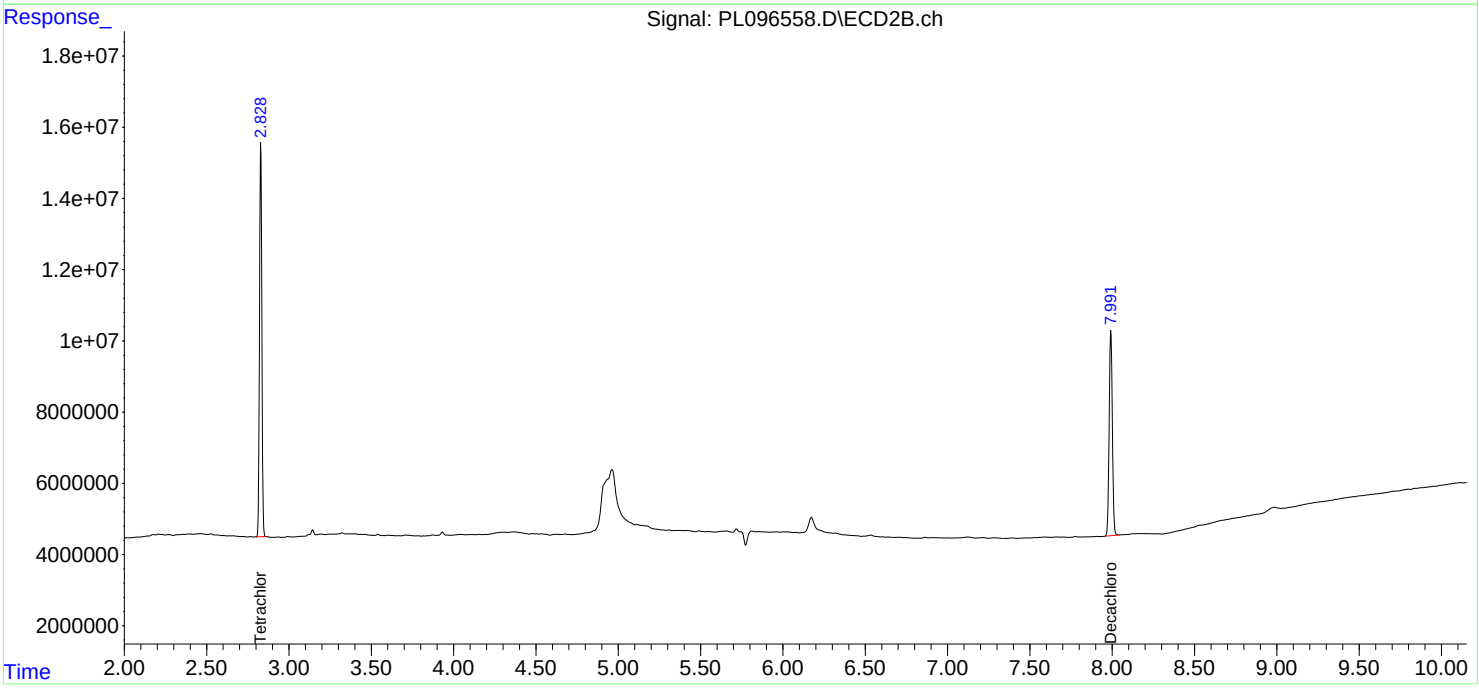
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 13:18
Operator : AR\AJ
Sample : PB168969TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

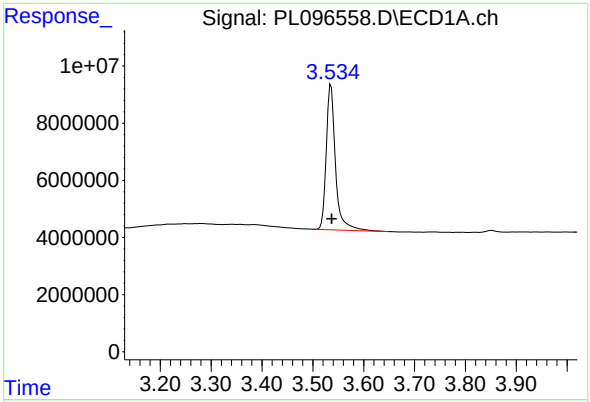
Instrument :
ECD_L
ClientSampleId :
PB168969TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



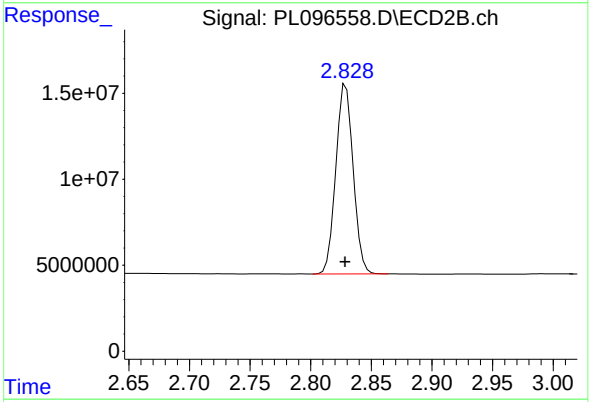




#1 Tetrachloro-m-xylene

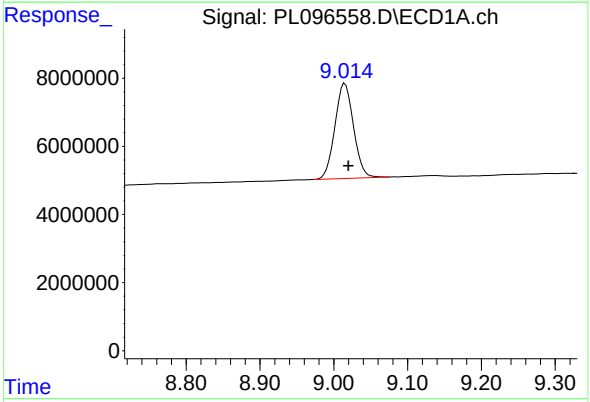
R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 64178473
Conc: 17.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168969TB



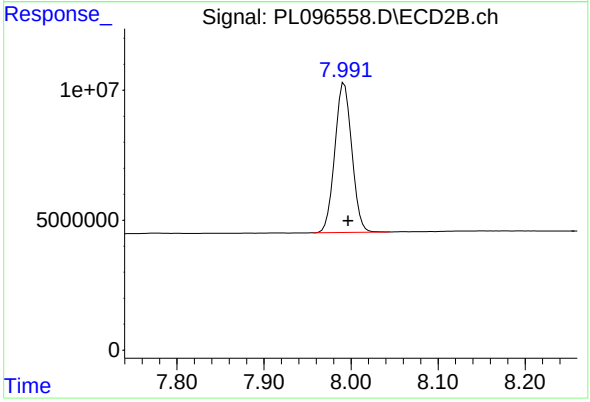
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 109427758
Conc: 18.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 48891459
Conc: 17.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 78095695
Conc: 15.66 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:29
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.829	76897676	124.4E6	21.074	21.562
28)	SA Decachlor...	9.016	7.993	59433656	97699703	21.128	19.593
	Target Compounds						

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

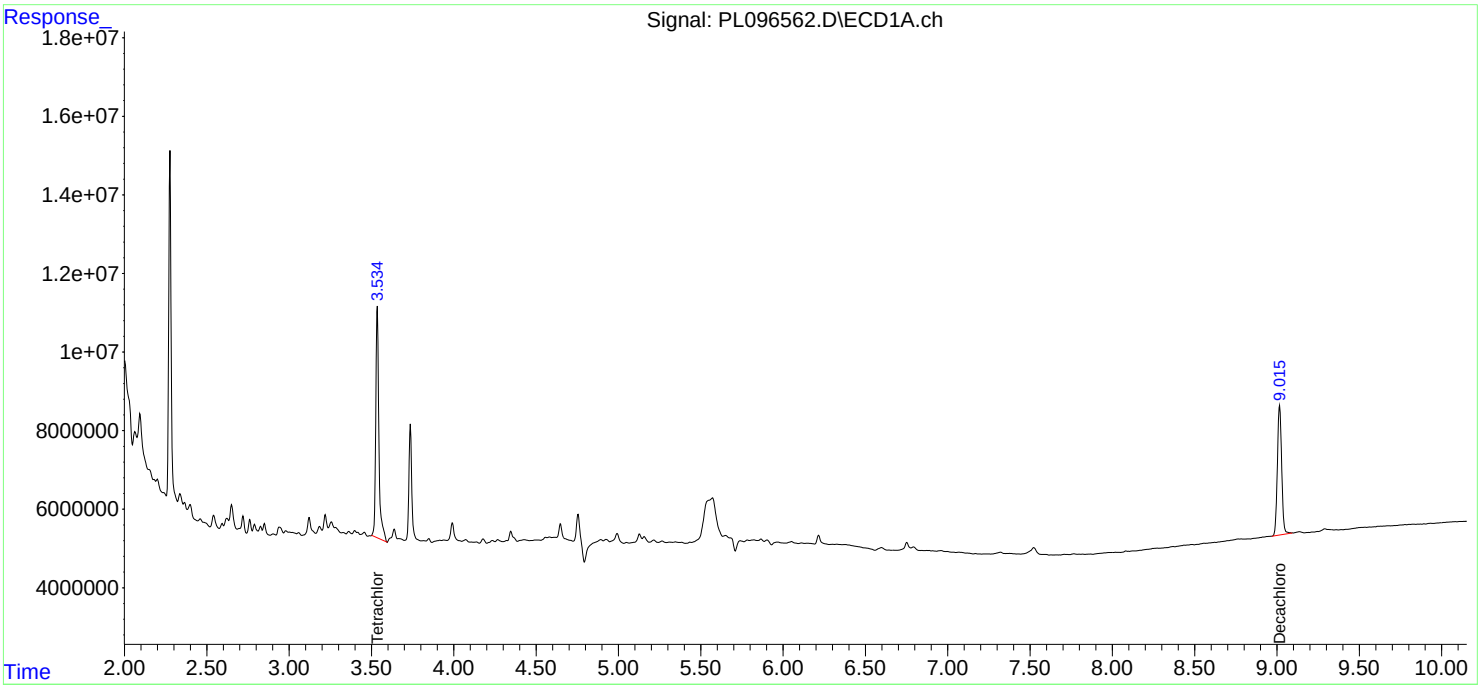
Sample Results: **PL096562.D**

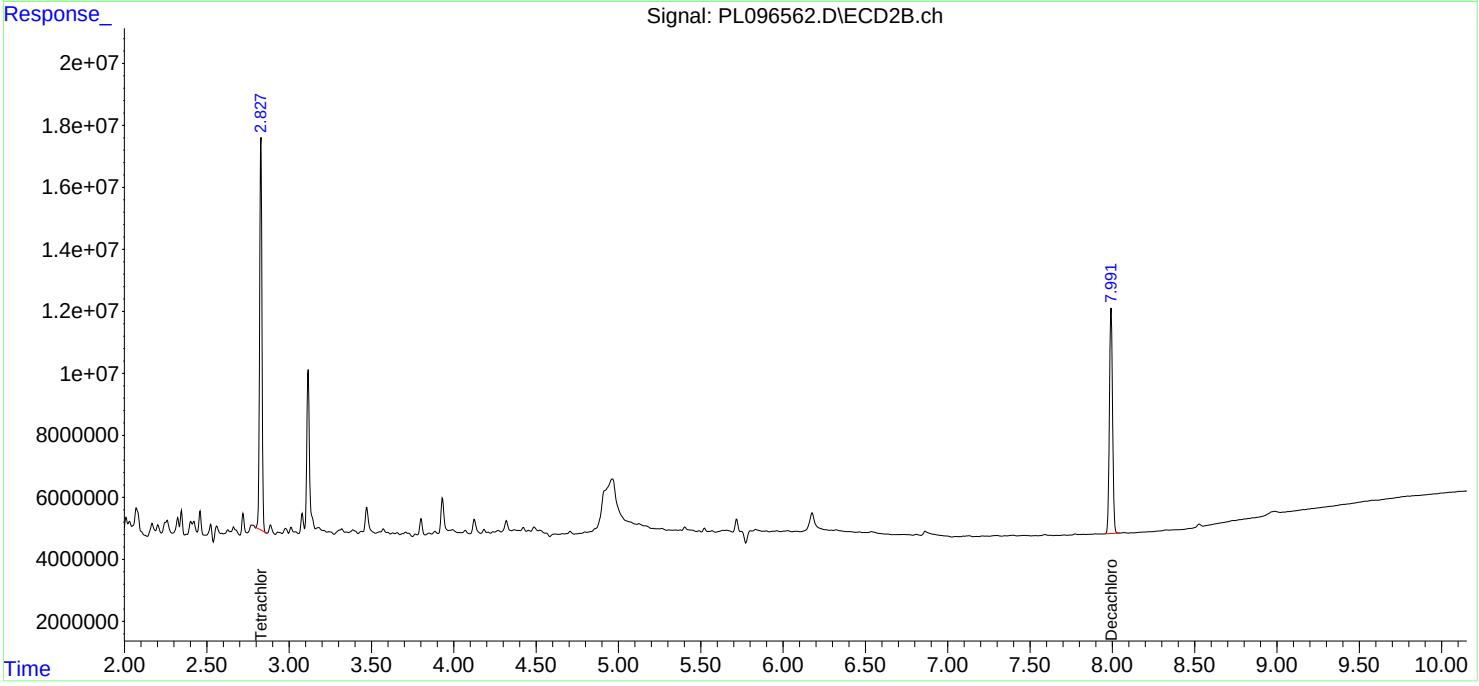
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:29
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

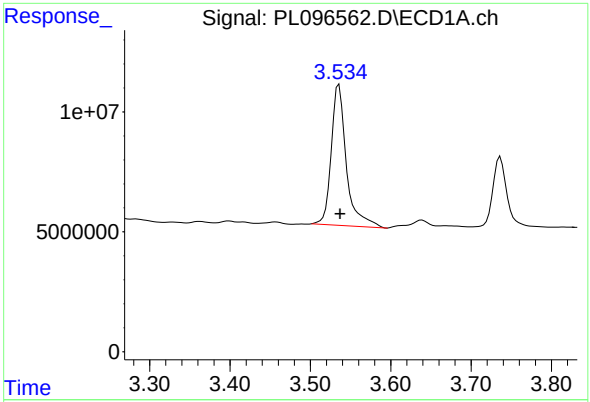
Instrument :
ECD_L
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



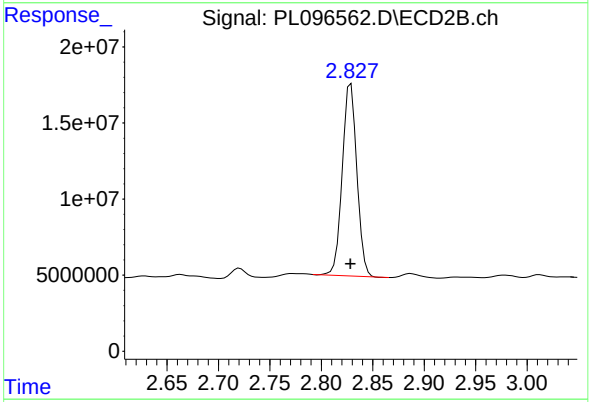




#1 Tetrachloro-m-xylene

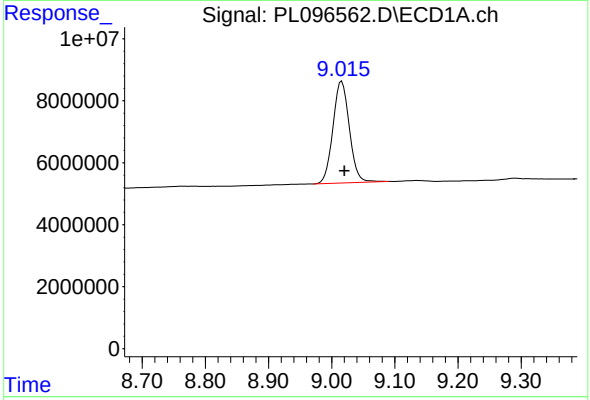
R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 76897676
Conc: 21.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-AL



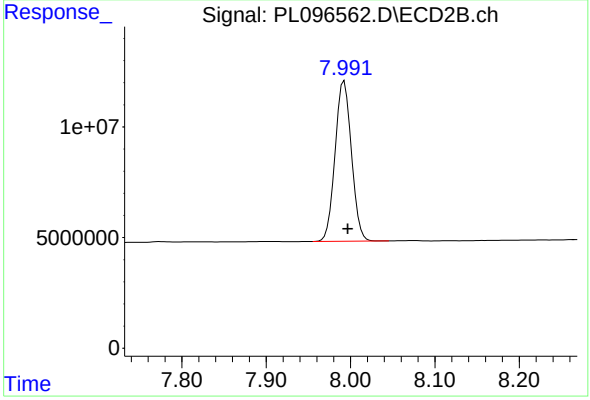
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 124436893
Conc: 21.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 59433656
Conc: 21.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 97699703
Conc: 19.59 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:11
Operator : AR\AJ
Sample : Q2481-13 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 16:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.556	2.877	18886445	75460801	6.555	3.857 #
28)	SA Decachlor...	9.072	8.068	3625430	18634434	0.883	0.758
	Target Compounds						

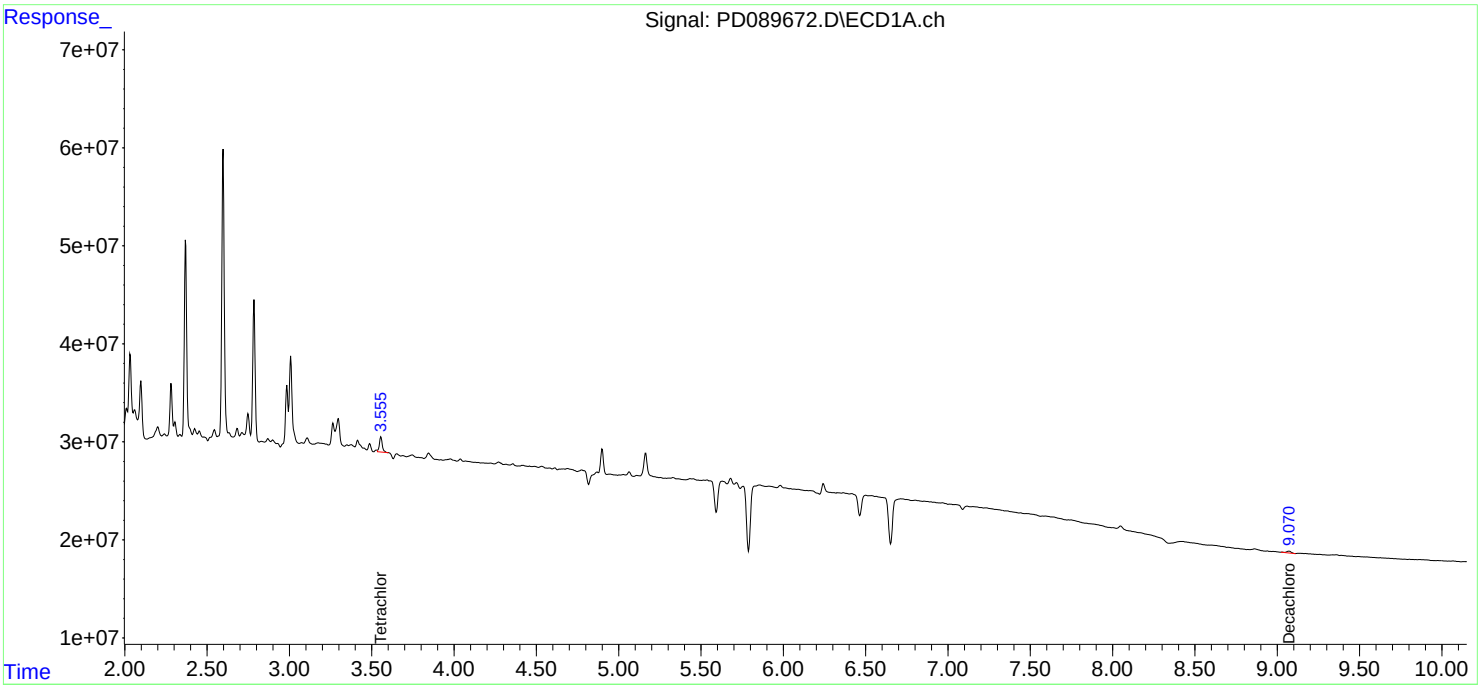
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

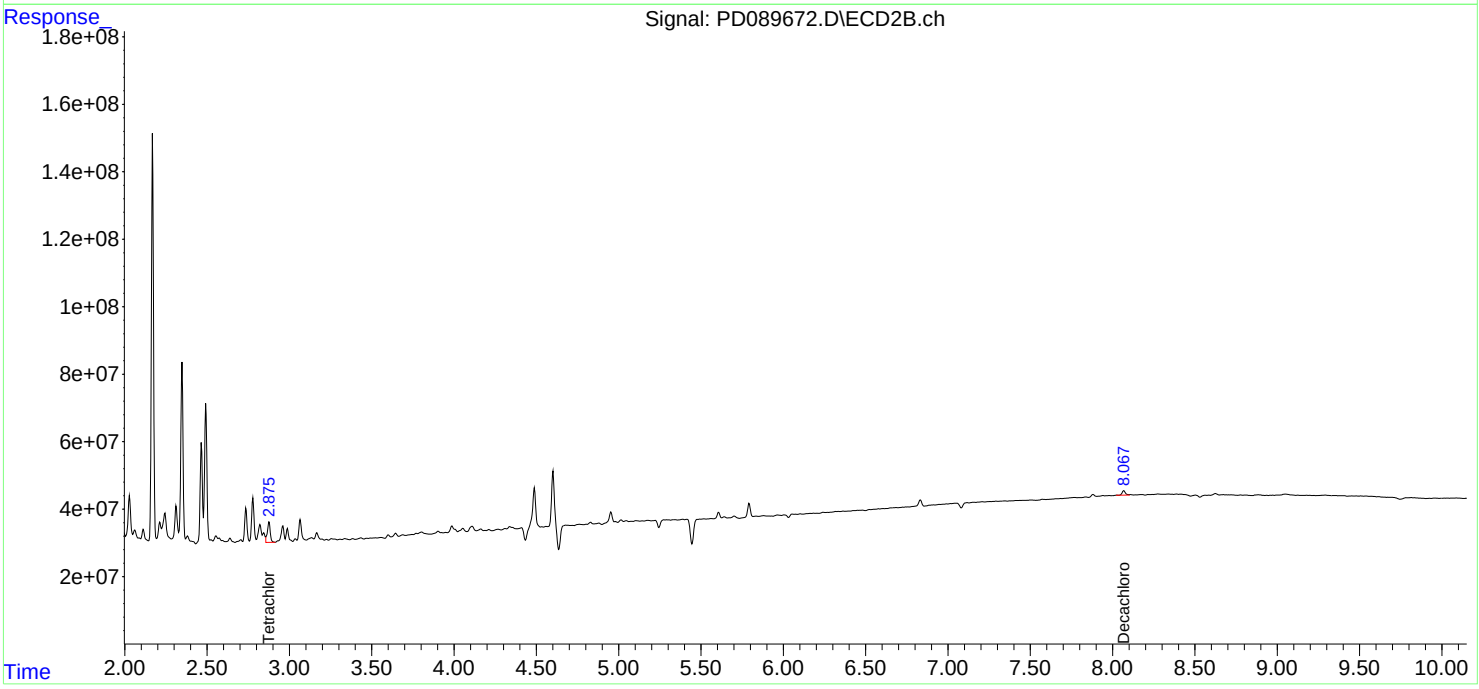
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:11
Operator : AR\AJ
Sample : Q2481-13 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

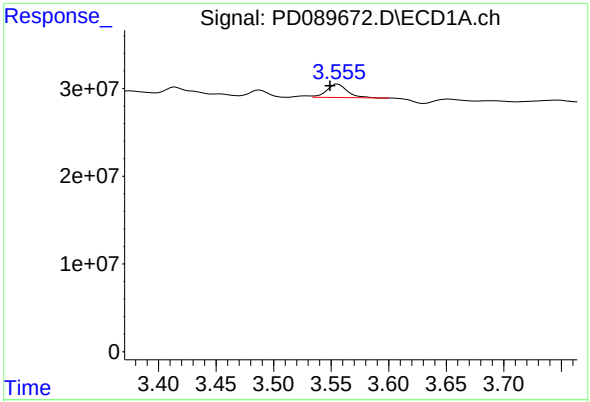
Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 16:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



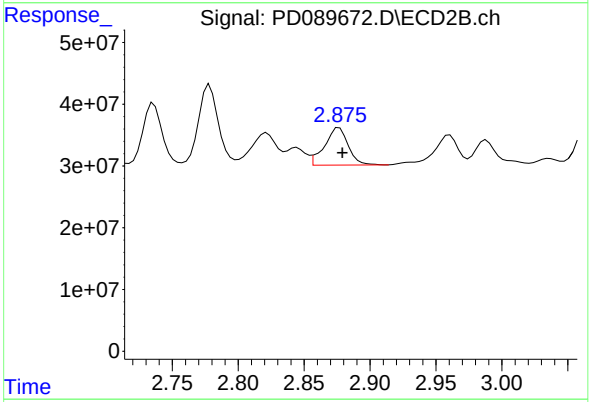




#1 Tetrachloro-m-xylene

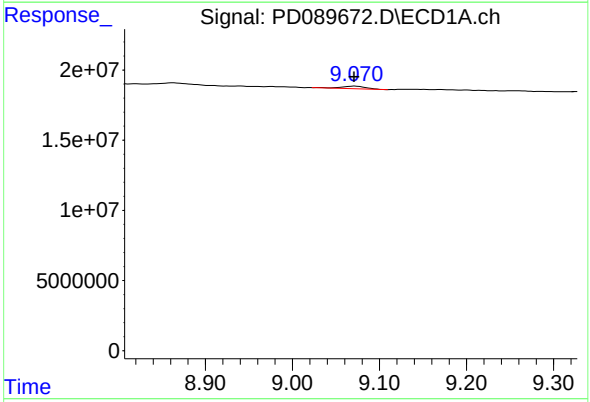
R.T.: 3.556 min
Delta R.T.: 0.007 min
Response: 18886445
Conc: 6.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXPL



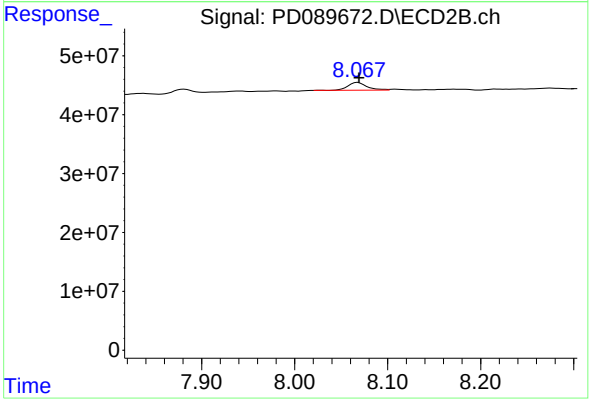
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.002 min
Response: 75460801
Conc: 3.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.001 min
Response: 3625430
Conc: 0.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 18634434
Conc: 0.76 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2481-14 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0625-OXBL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:41:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.560	2.878	12447862	8666337	4.320	0.443m#
28)	SA Decachlor...	9.073	8.068	40979108	195.0E6	9.978	7.938
	Target Compounds						

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

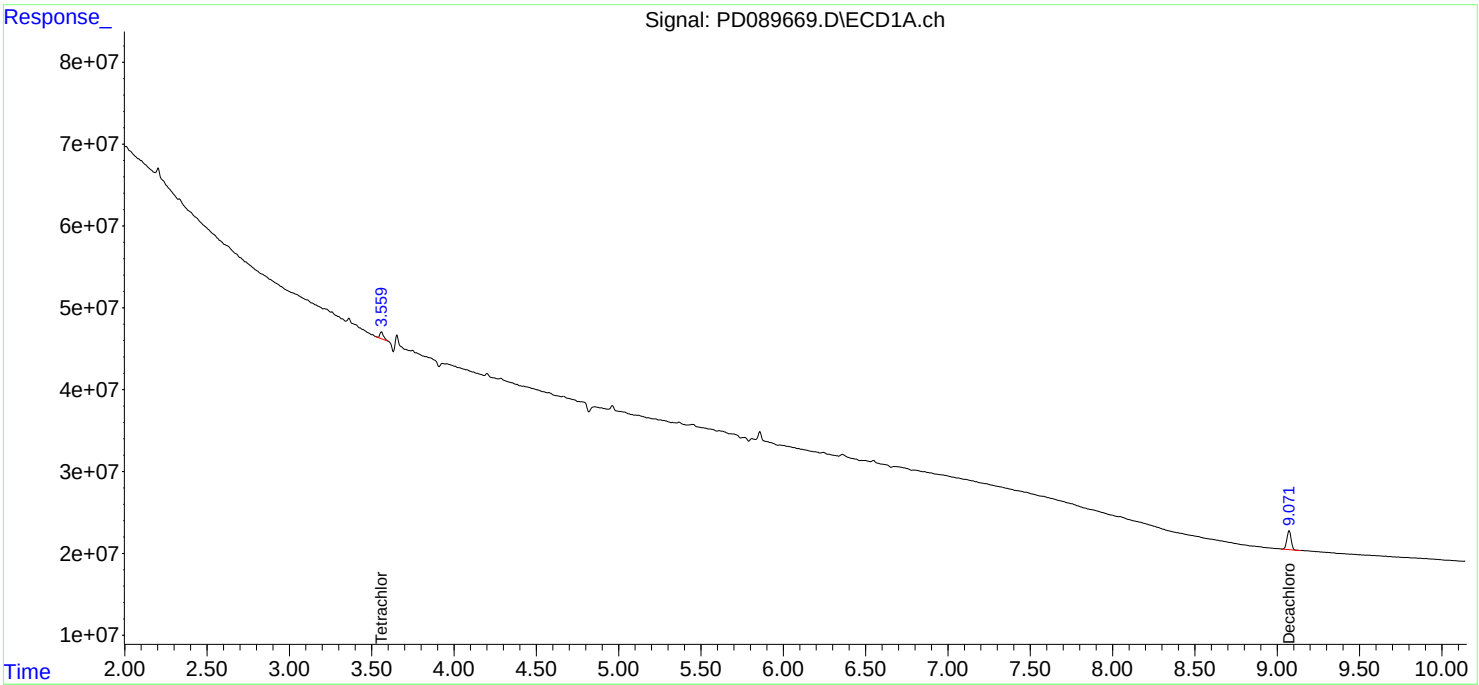
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2481-14 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

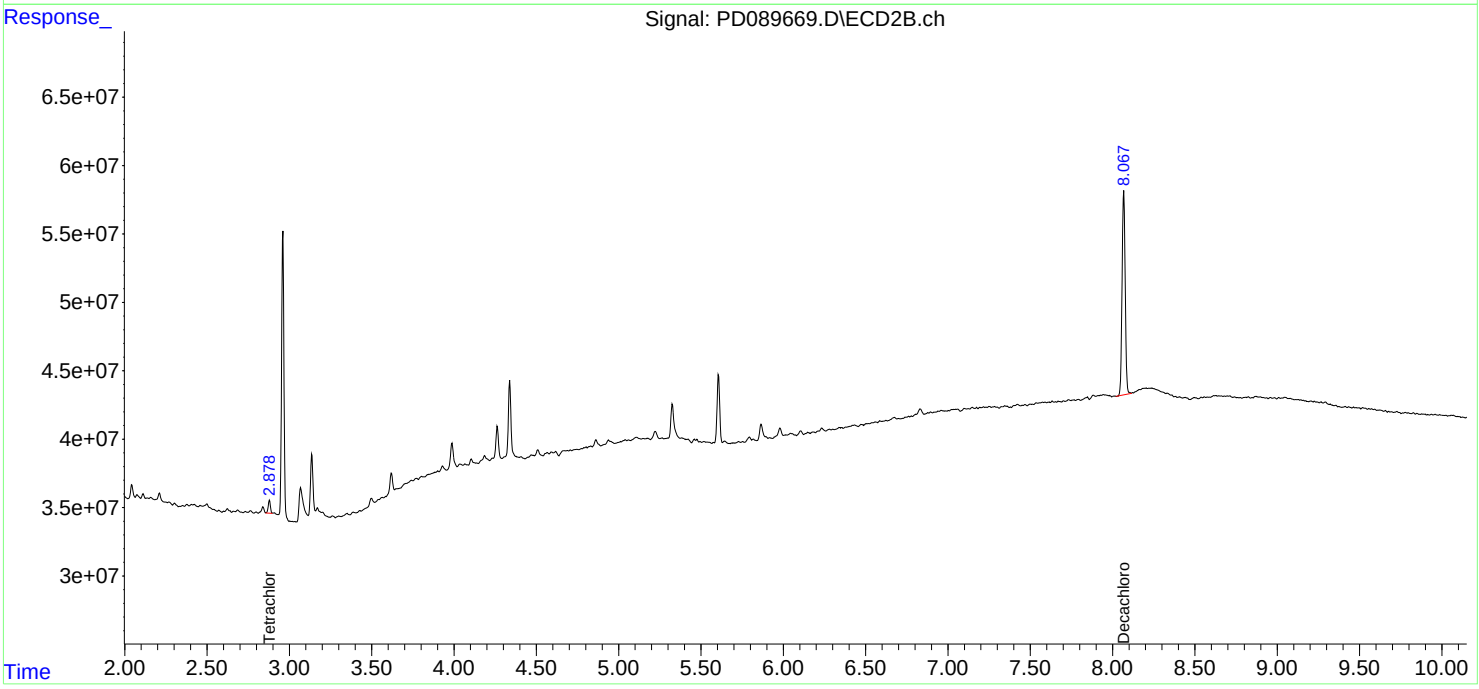
Instrument :
ECD_D
ClientSampleId :
CC0625-OXBL

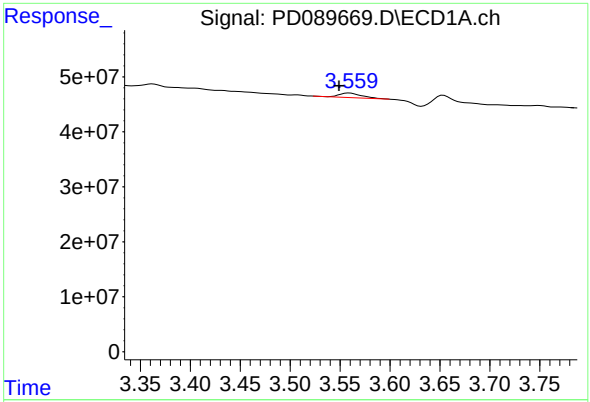
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:41:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







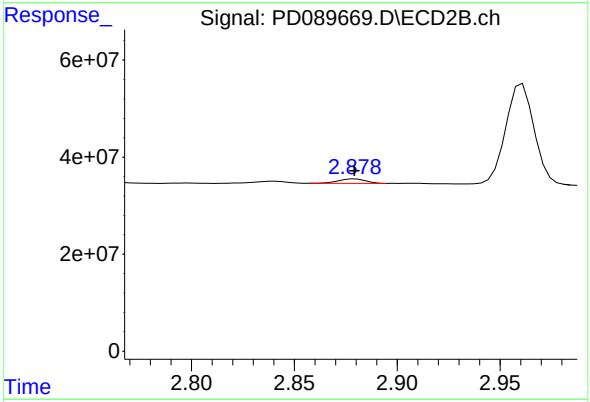
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: 0.011 min
Response: 12447862
Conc: 4.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC0625-OXBL

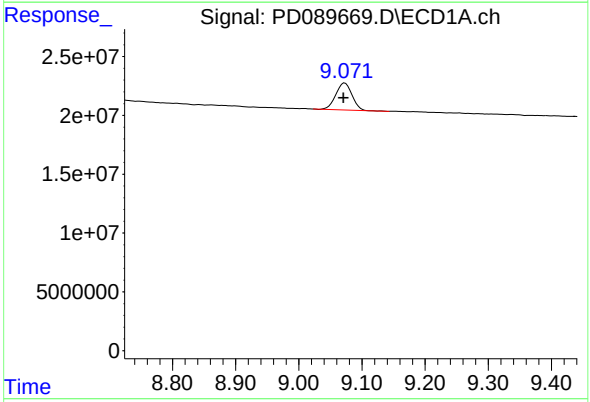
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025



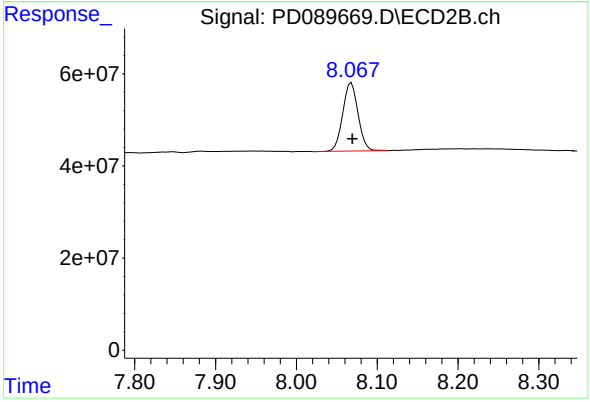
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.001 min
Response: 8666337
Conc: 0.44 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 40979108
Conc: 9.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 195033418
Conc: 7.94 ng/ml

Sample Results: **PL096563.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:42
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-AOXL

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.827	61135681	144.0E6	16.754	24.948m#
28)	SA Decachlor...	9.016	7.993	55838382	91038878	19.850	18.257
	Target Compounds						

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

Sample Results: **PL096563.D**

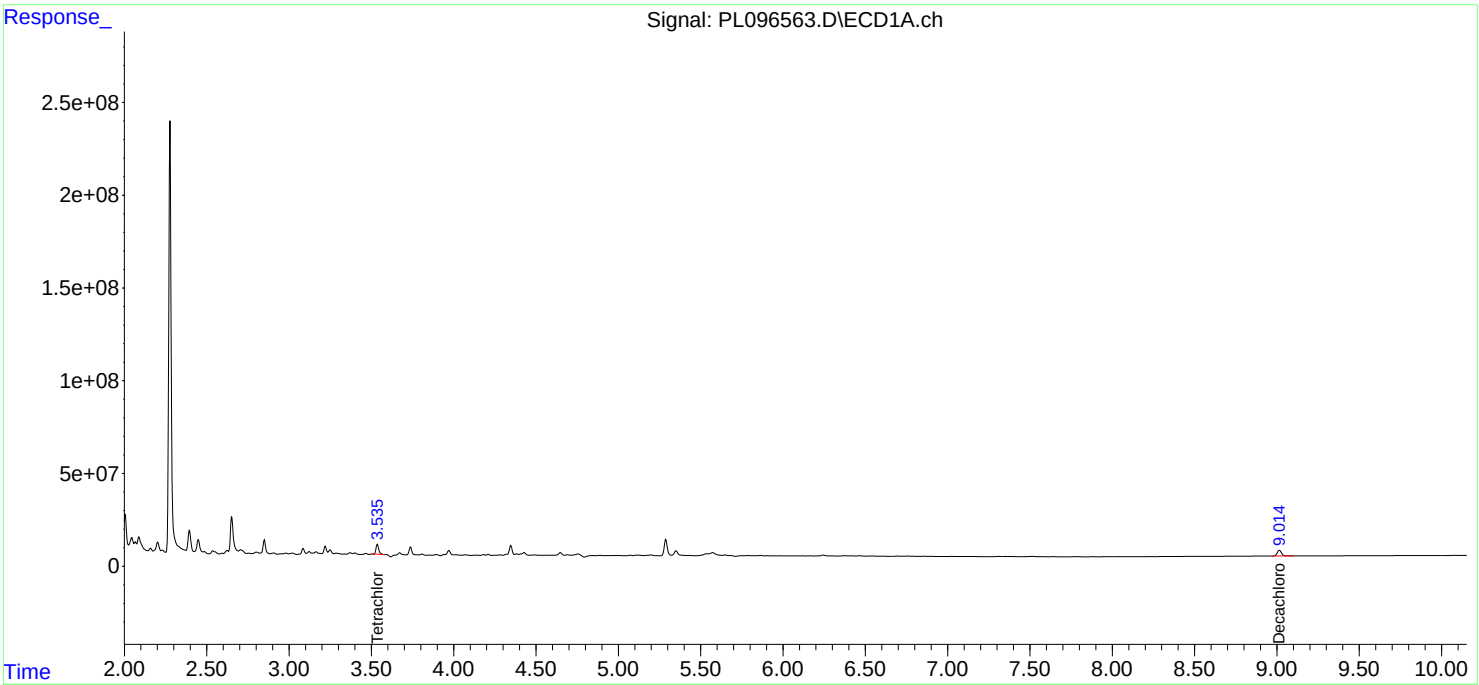
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:42
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

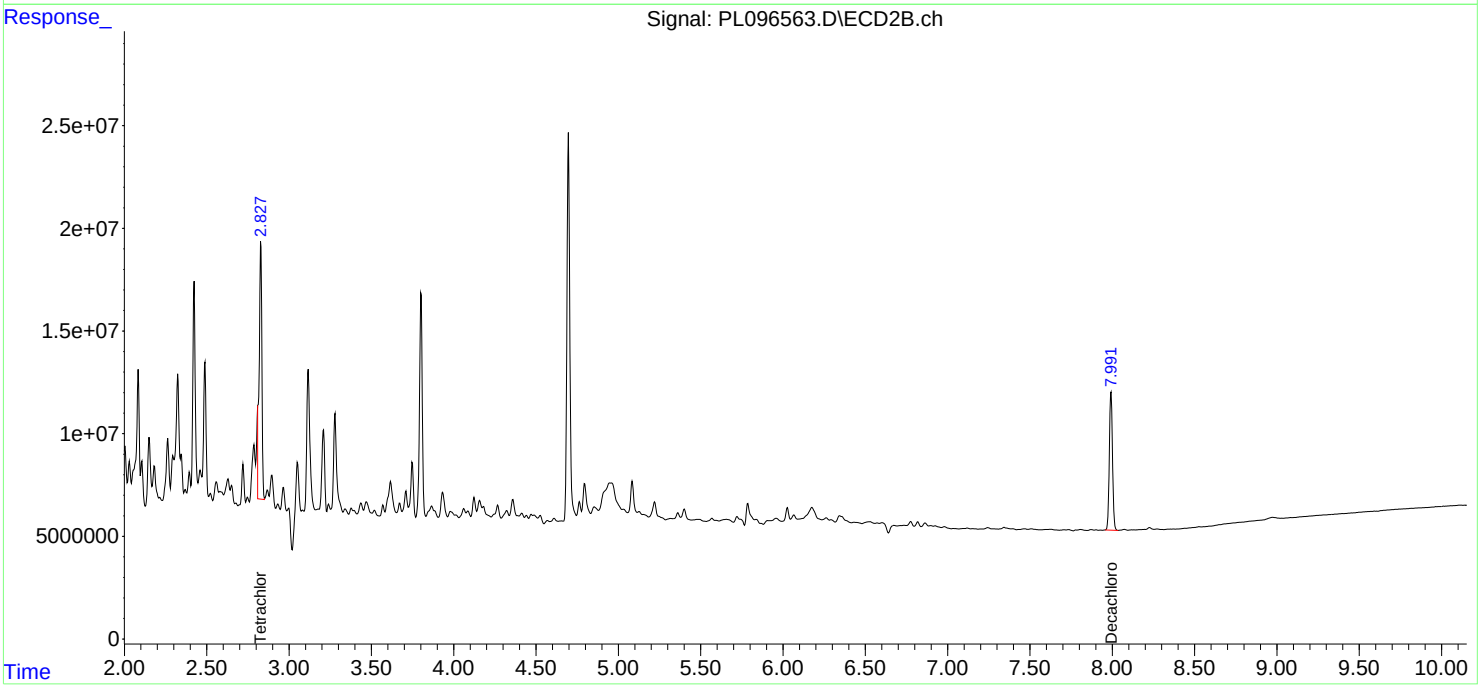
Instrument :
ECD_L
ClientSampleId :
CC0627-AOXL

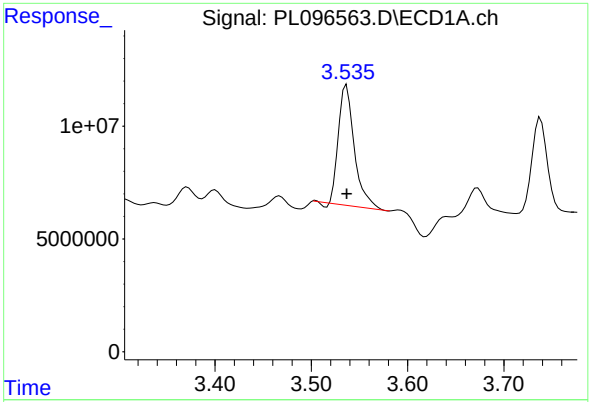
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







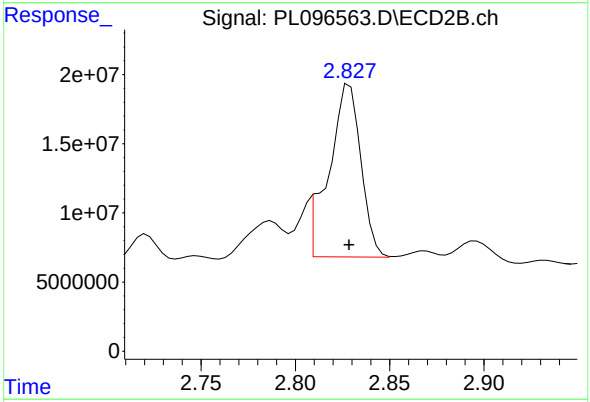
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 61135681
Conc: 16.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-AOXL

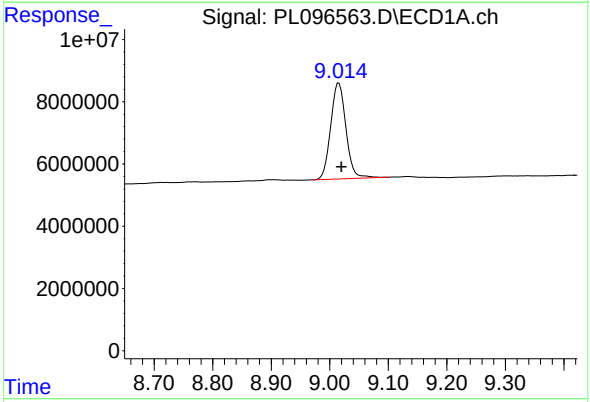
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



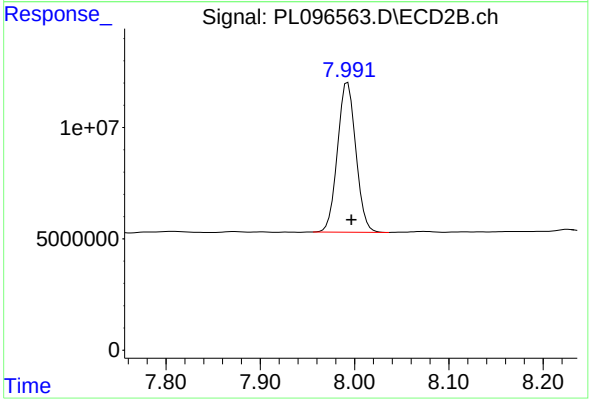
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 143979469
Conc: 24.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 55838382
Conc: 19.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 91038878
Conc: 18.26 ng/ml

Sample Results: **PL096572.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:26
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0625-NL

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.533	2.827	8688031	11416018	2.381m	1.978m
28)	SA Decachlor...	9.016	7.990	13123152	9961656	4.665m	1.998m#
	Target Compounds						

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

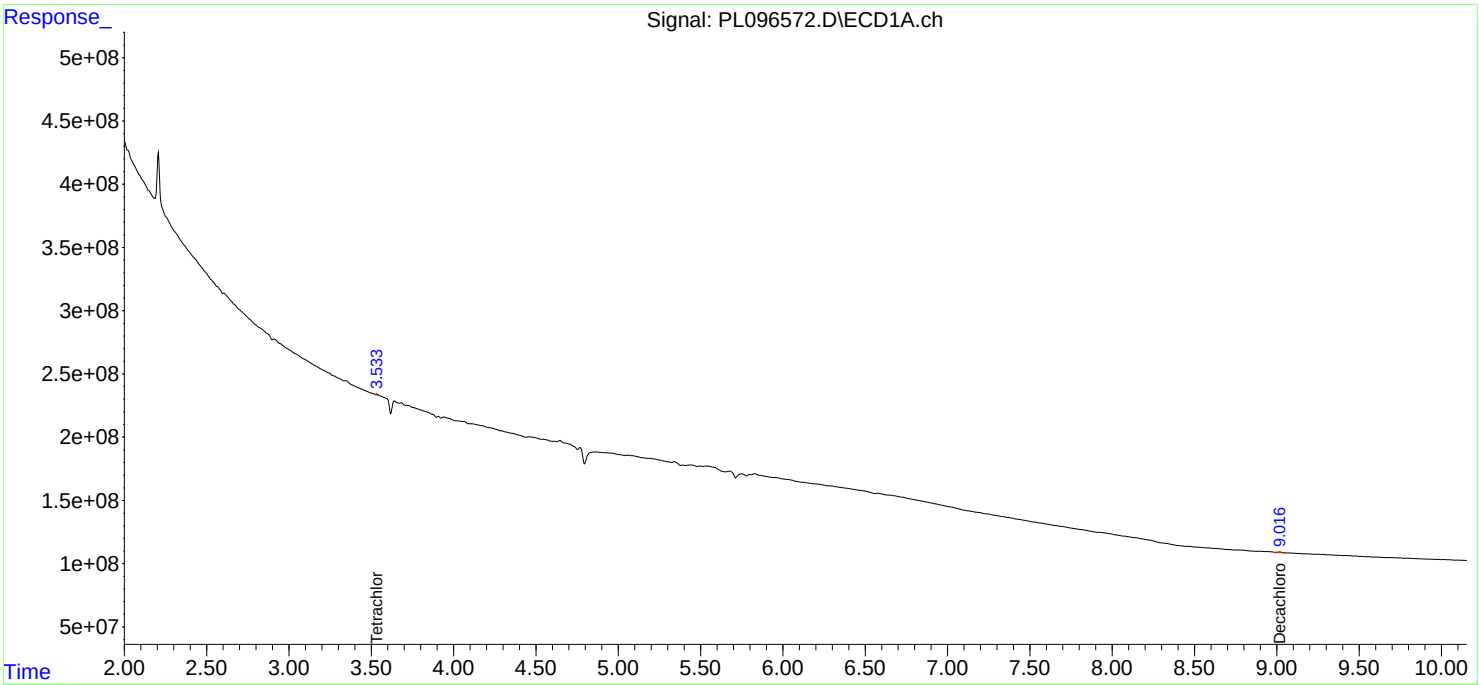
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:26
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

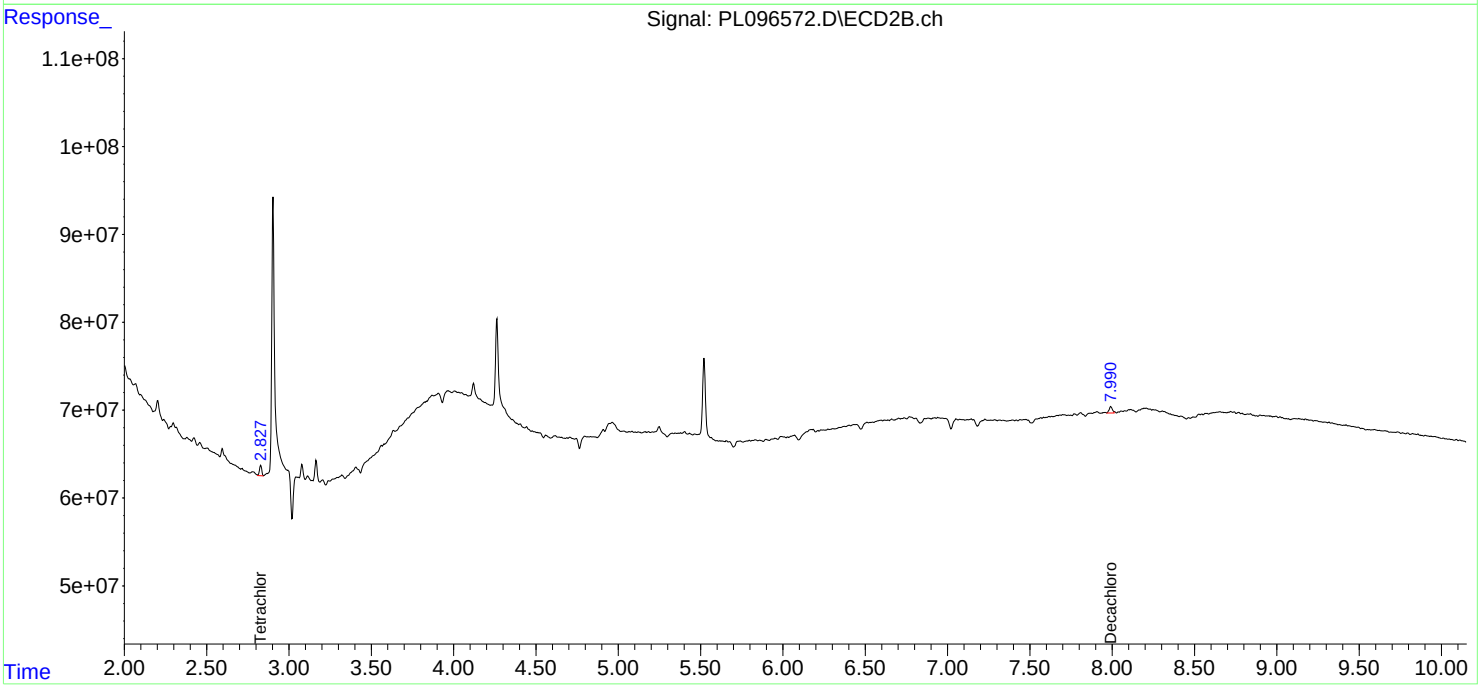
Instrument :
ECD_L
ClientSampleId :
CC0625-NL

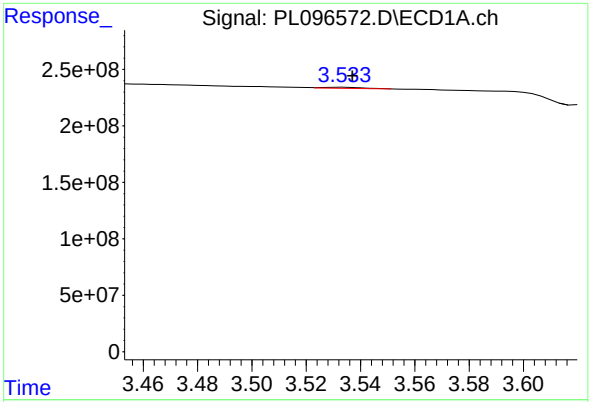
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







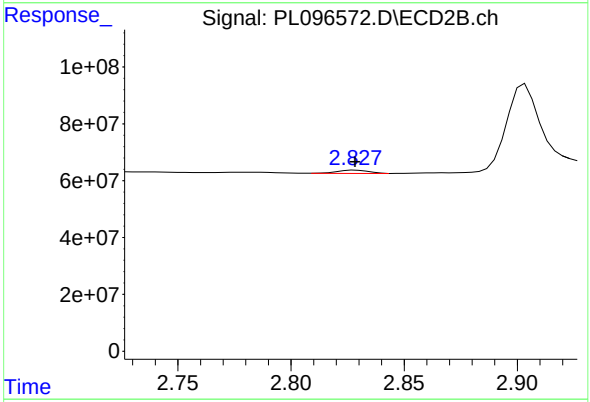
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.004 min
Response: 8688031
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0625-NL

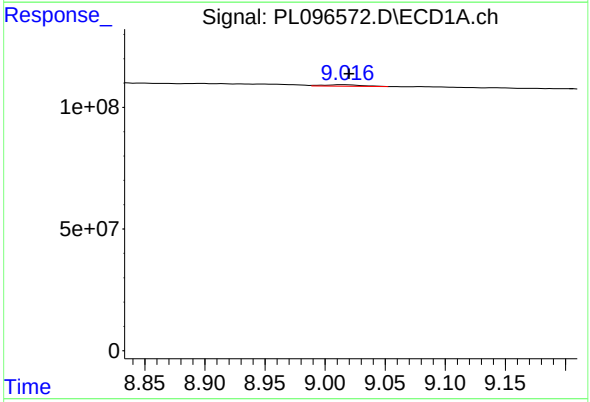
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



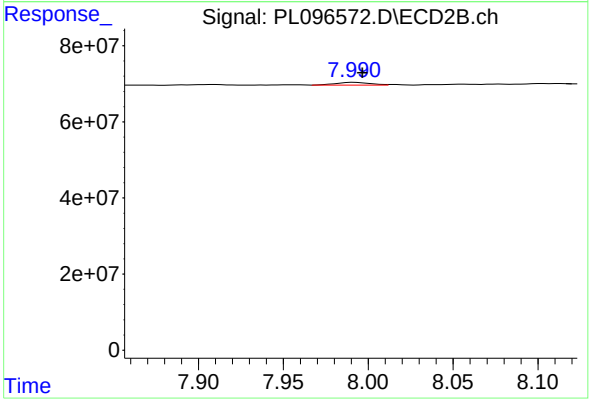
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 11416018
Conc: 1.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 13123152
Conc: 4.67 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 9961656
Conc: 2.00 ng/ml m

Sample Results: **PL096573.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:40
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0267-OXPL

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.830	10531044	5439252	2.886m	0.942 #
28)	SA Decachlor...	9.017	7.990	4733028	9742958	1.683m	1.954m
	Target Compounds						

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

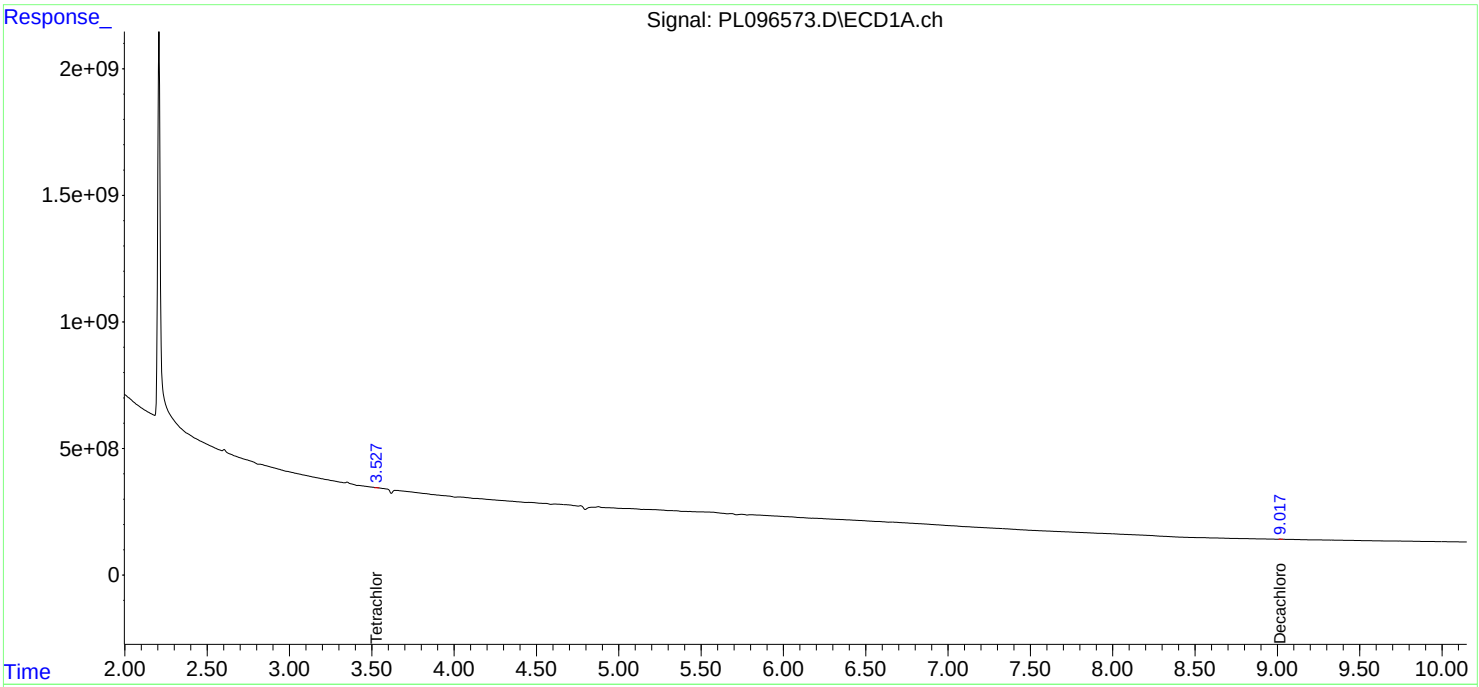
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:40
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

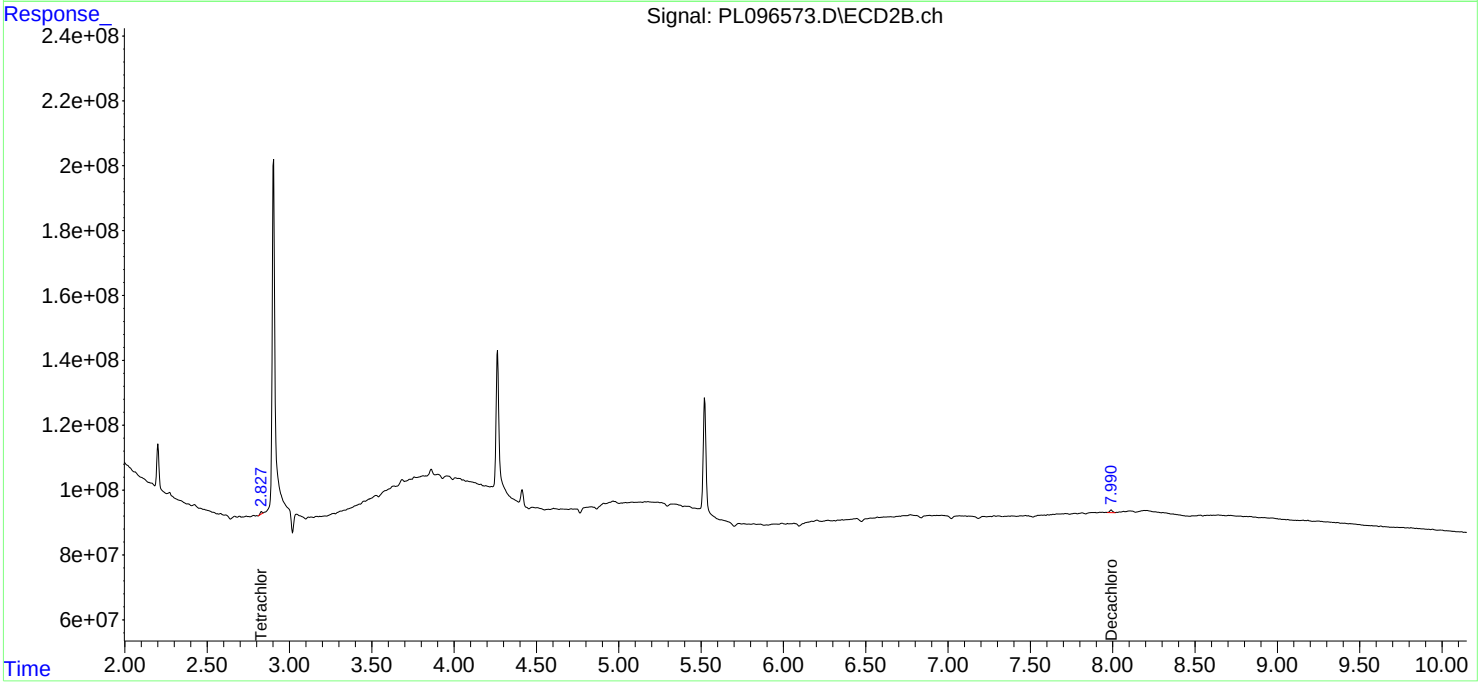
Instrument :
ECD_L
ClientSampleId :
CC0267-OXPL

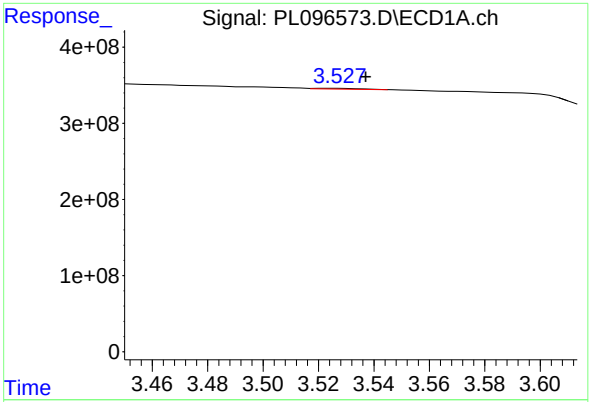
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







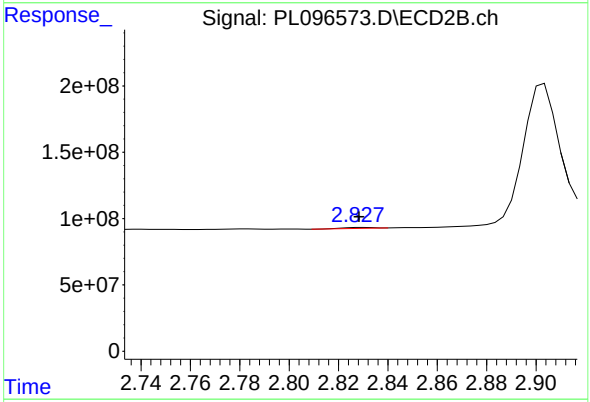
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.010 min
Response: 10531044
Conc: 2.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0267-OXPL

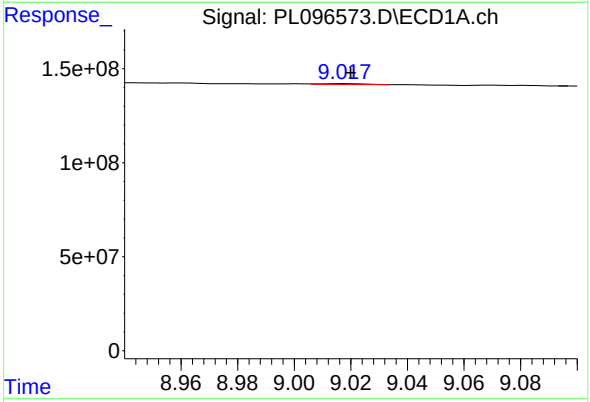
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



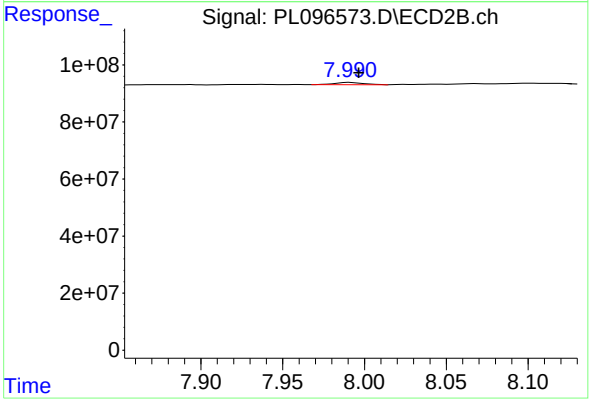
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: 0.001 min
Response: 5439252
Conc: 0.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 4733028
Conc: 1.68 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 9742958
Conc: 1.95 ng/ml m

Sample Results: **PL096574.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:53
Operator : AR\AJ
Sample : Q2481-18 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/28/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.539	2.835	42626294	7477504	11.682m	1.296m#
28)	SA Decachlor...	9.015	7.987	2802818	5484497	0.996m	1.100m
	Target Compounds						

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

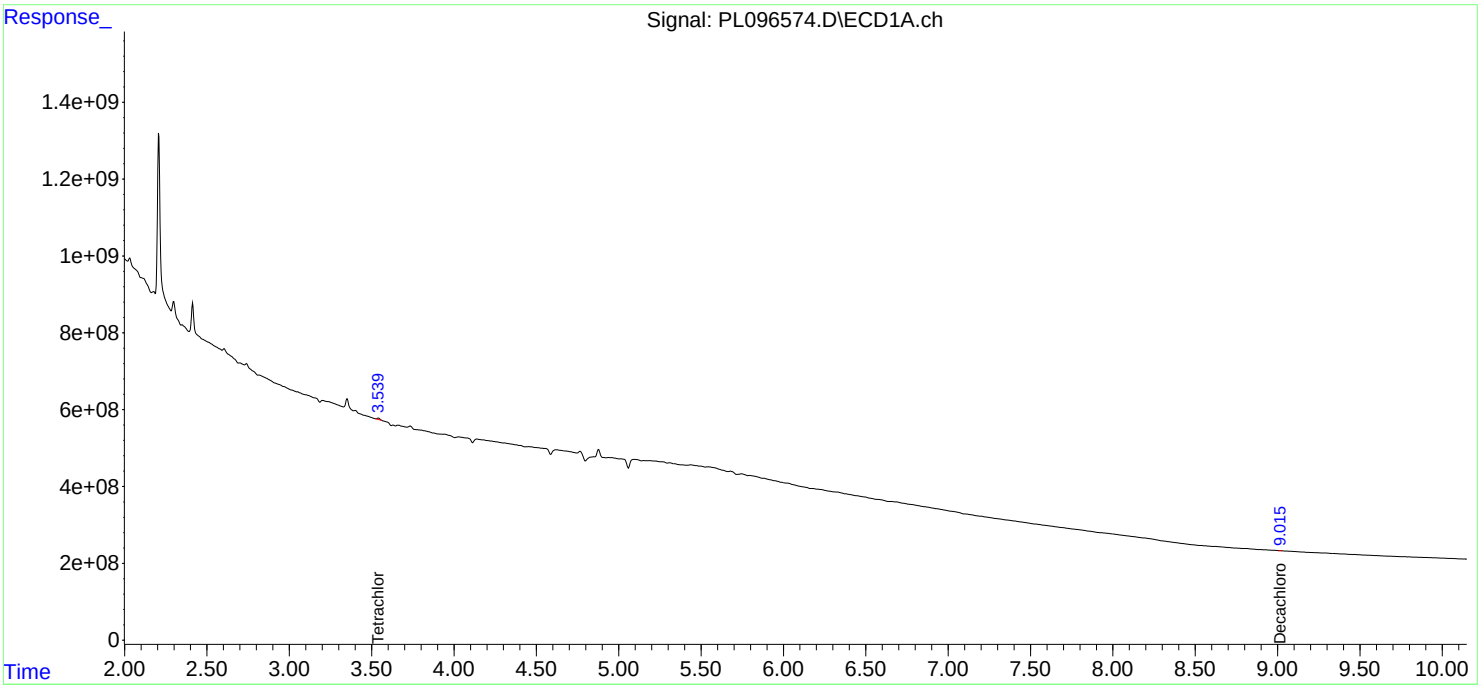
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:53
Operator : AR\AJ
Sample : Q2481-18 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

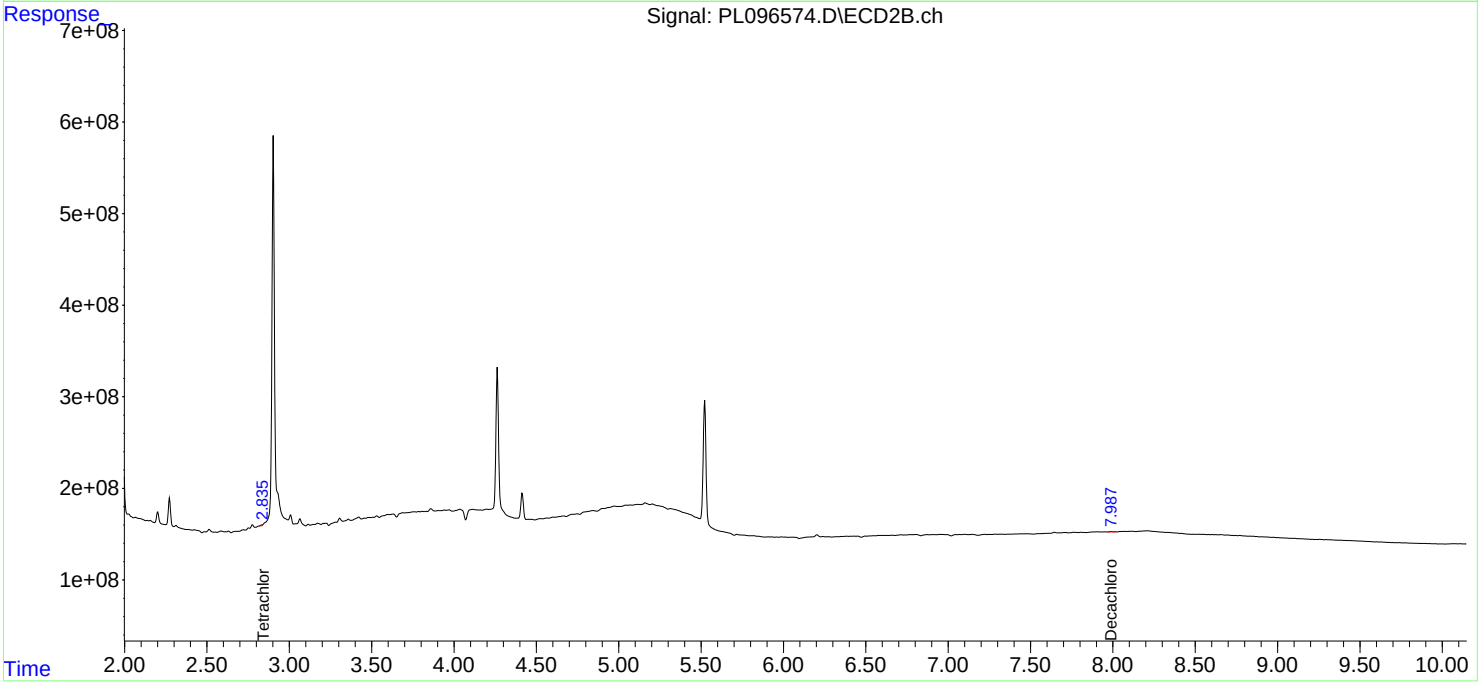
Instrument :
ECD_L
ClientSampleId :
CC0627-OXL

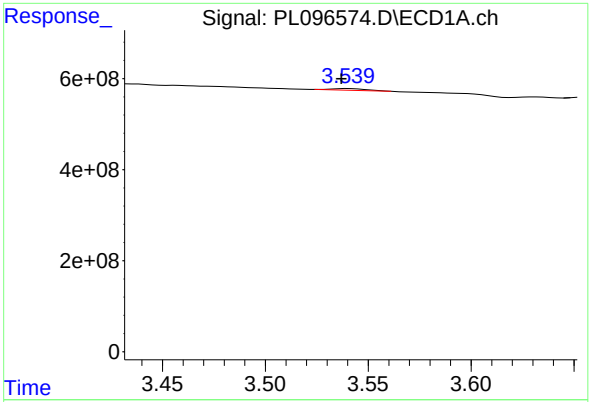
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/28/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







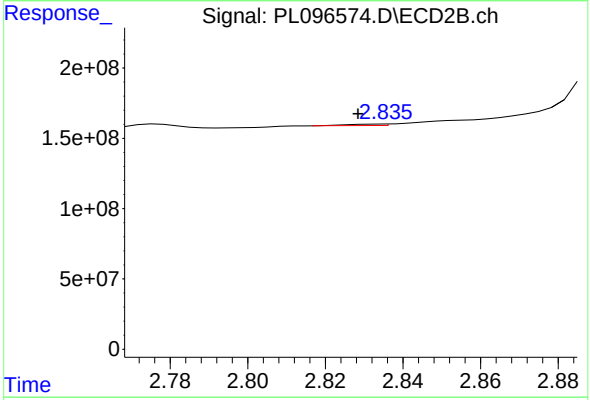
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.002 min
Response: 42626294
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-OXL

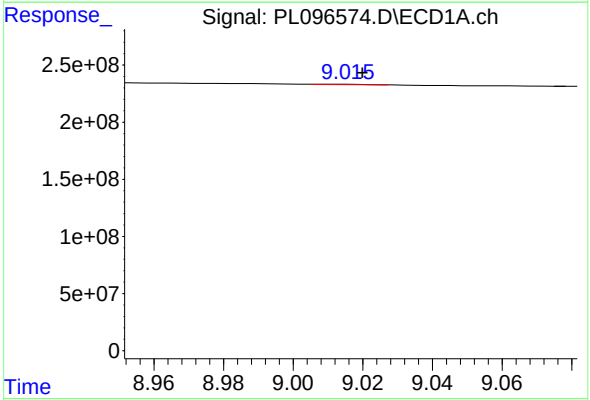
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/28/2025
Supervised By :mohammad ahmed 07/29/2025



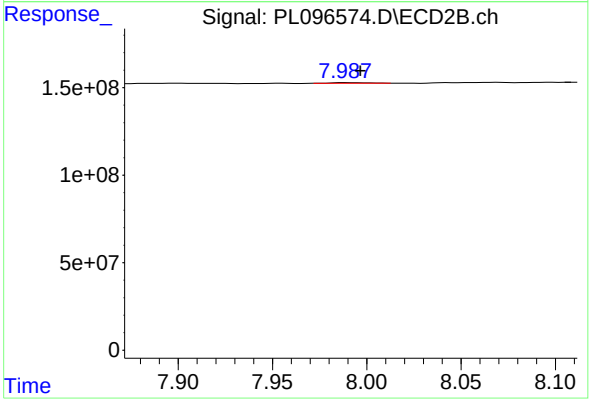
#1 Tetrachloro-m-xylene

R.T.: 2.835 min
Delta R.T.: 0.007 min
Response: 7477504
Conc: 1.30 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 2802818
Conc: 1.00 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.009 min
Response: 5484497
Conc: 1.10 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:16
Operator : AR\AJ
Sample : Q2481-19 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXAL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:48:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.588f	2.871	4739.3E6	537.8E6	1644.808m	27.487m#
28)	SA Decachlor...	9.071	8.065	6227390	24041220	1.516m	0.979m#
	Target Compounds						

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

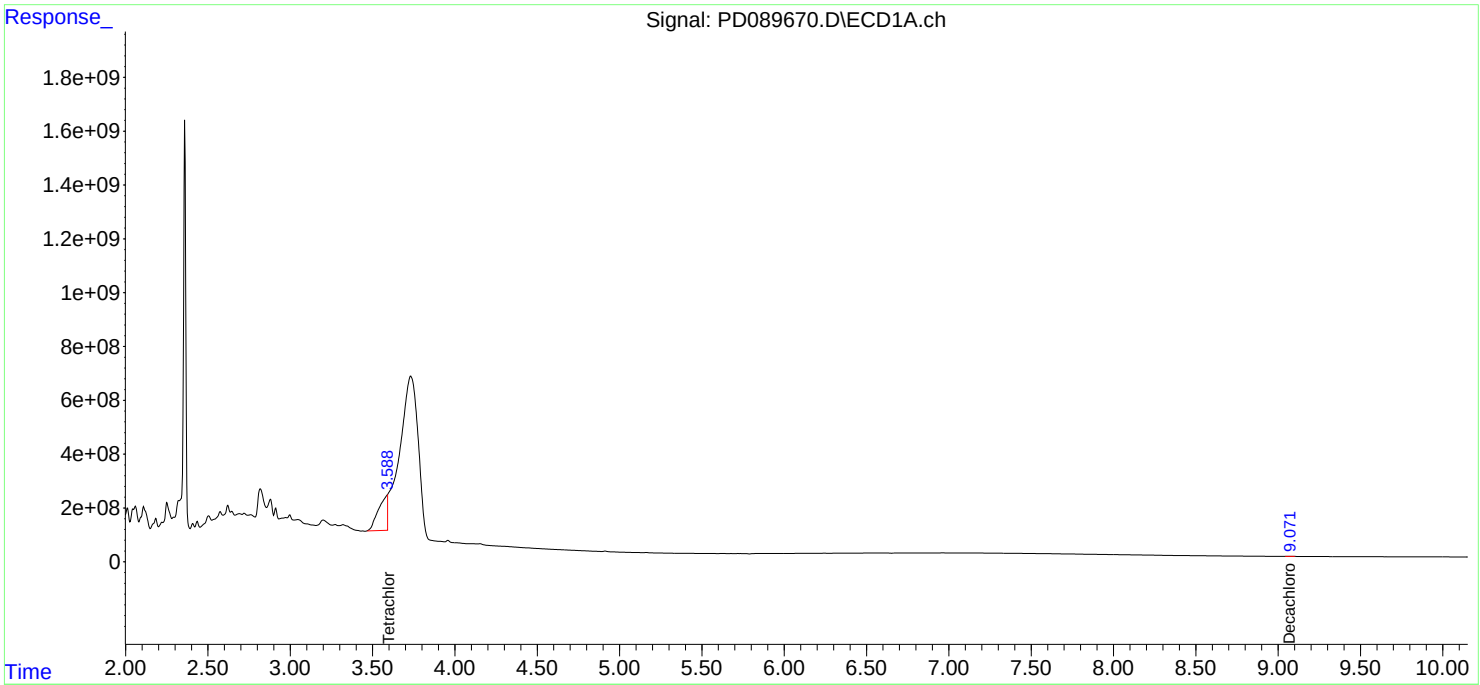
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:16
Operator : AR\AJ
Sample : Q2481-19 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

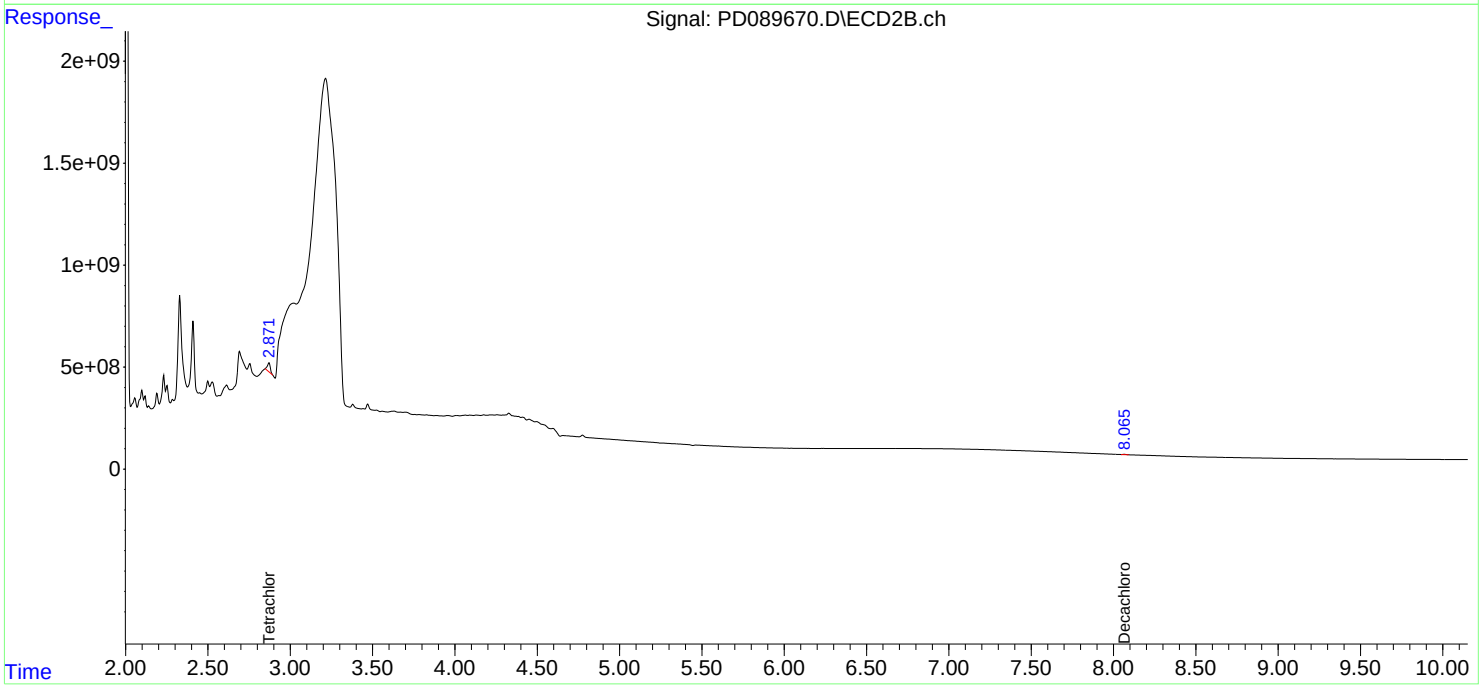
Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXAL

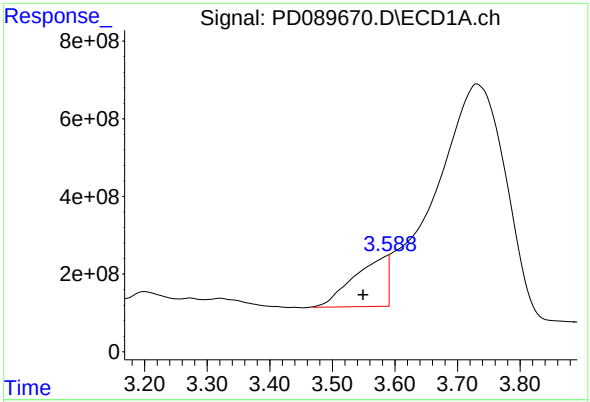
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:48:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







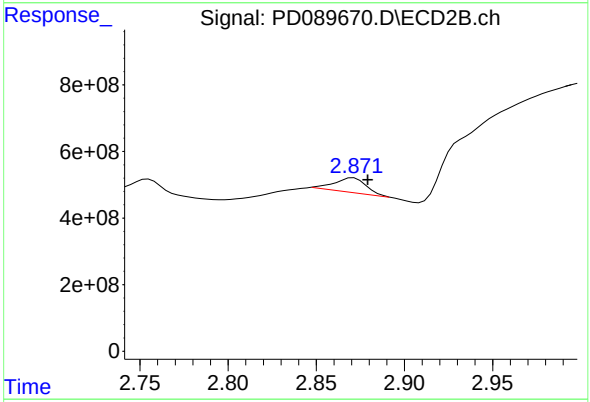
#1 Tetrachloro-m-xylene

R.T.: 3.588 min
Delta R.T.: 0.039 min
Response: 4739292055
Conc: 1644.81 ng/m

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXAL

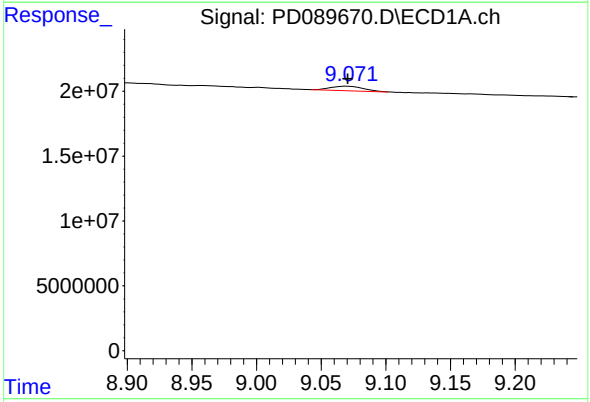
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025



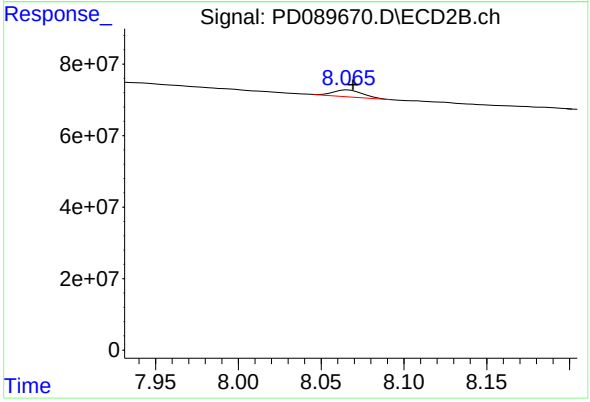
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.008 min
Response: 537807075
Conc: 27.49 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 6227390
Conc: 1.52 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.004 min
Response: 24041220
Conc: 0.98 ng/ml m

Sample Results: **PL096575.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:07
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:39:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.827	41786721	8093091	11.452m	1.402m#
28)	SA Decachlor...	9.017	7.993	6241342	5904759	2.219m	1.184 #
	Target Compounds						

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

Sample Results: **PL096575.D**

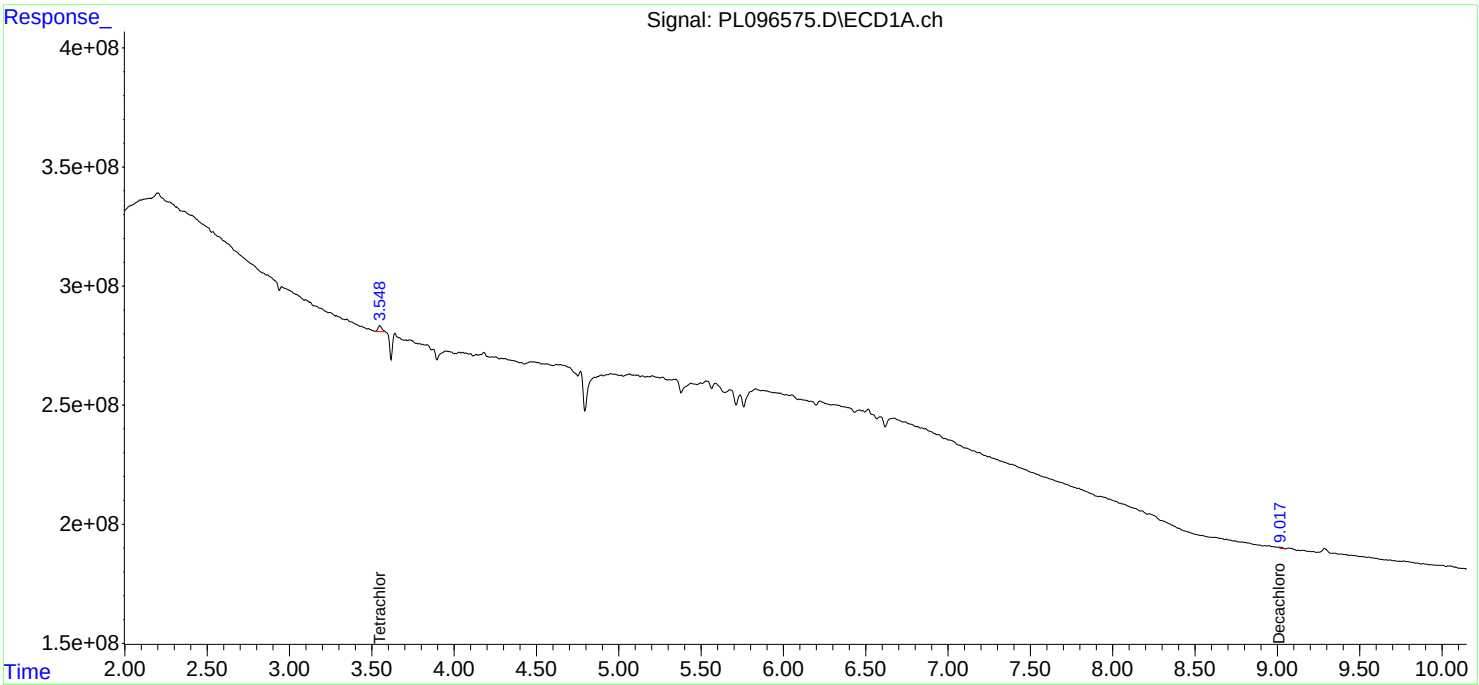
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:07
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

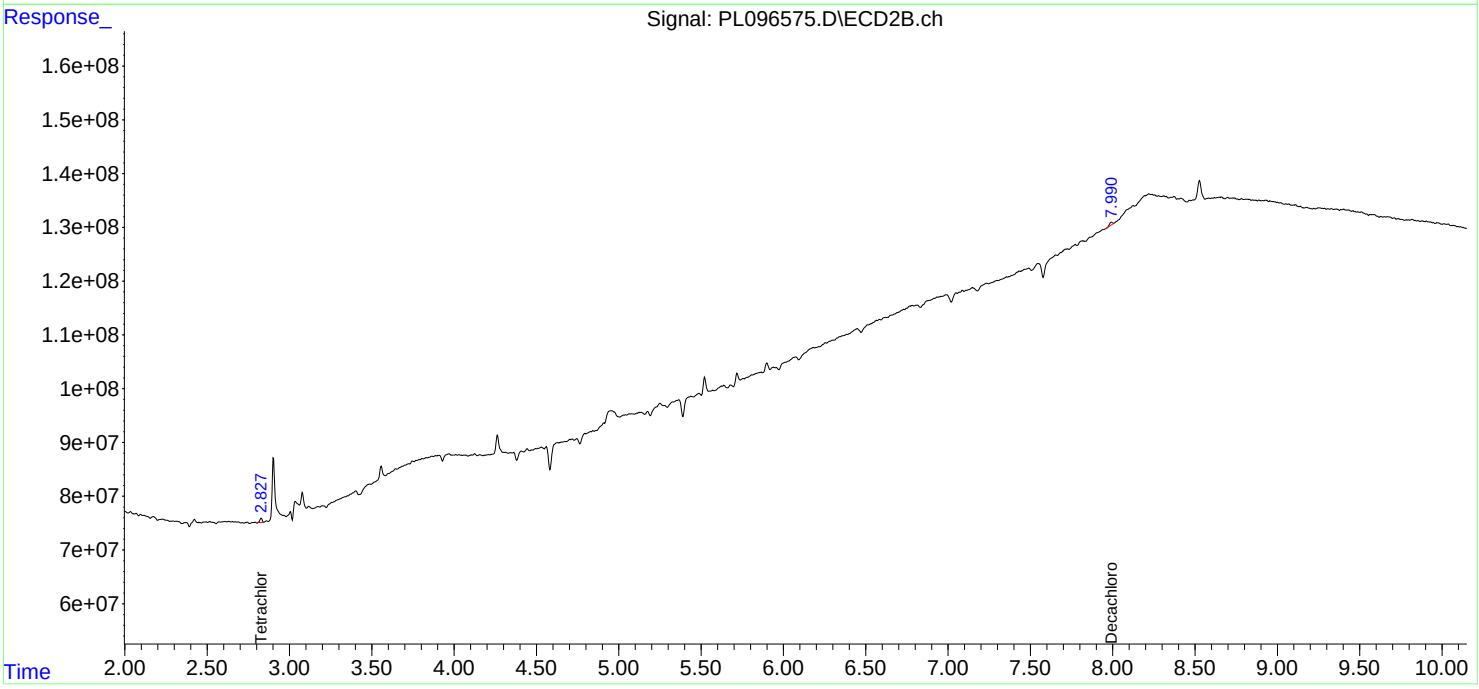
Instrument :
ECD_L
ClientSampleId :
CC0627-BL

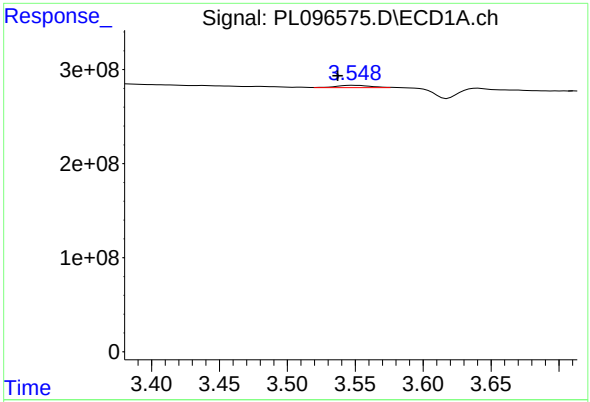
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:39:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







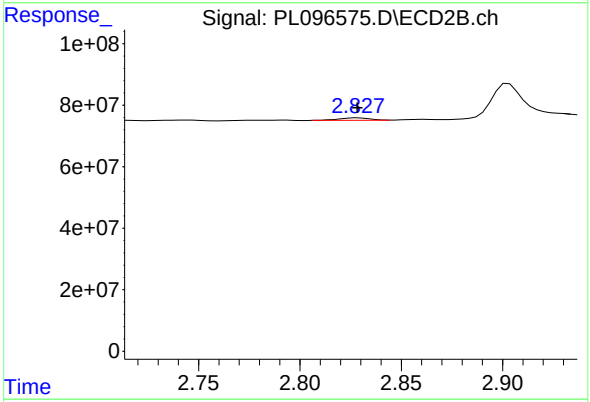
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.011 min
Response: 41786721
Conc: 11.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-BL

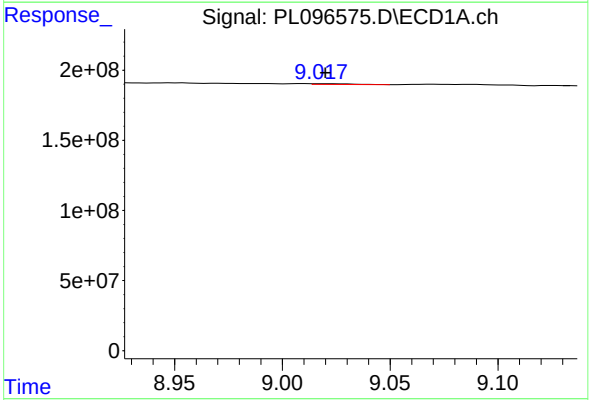
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



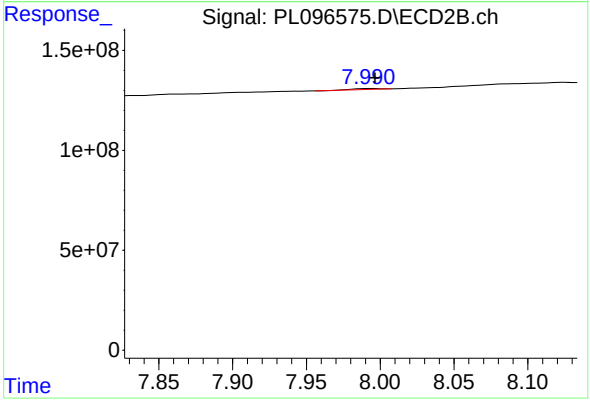
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 8093091
Conc: 1.40 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 6241342
Conc: 2.22 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 5904759
Conc: 1.18 ng/ml

Sample Results: **PD089671.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:43
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0627-SFBL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.550	2.879	41138704	274.5E6	14.278	14.028m
28)	SA Decachlor...	9.072	8.069	60318214	284.8E6	14.687	11.593
	Target Compounds						

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

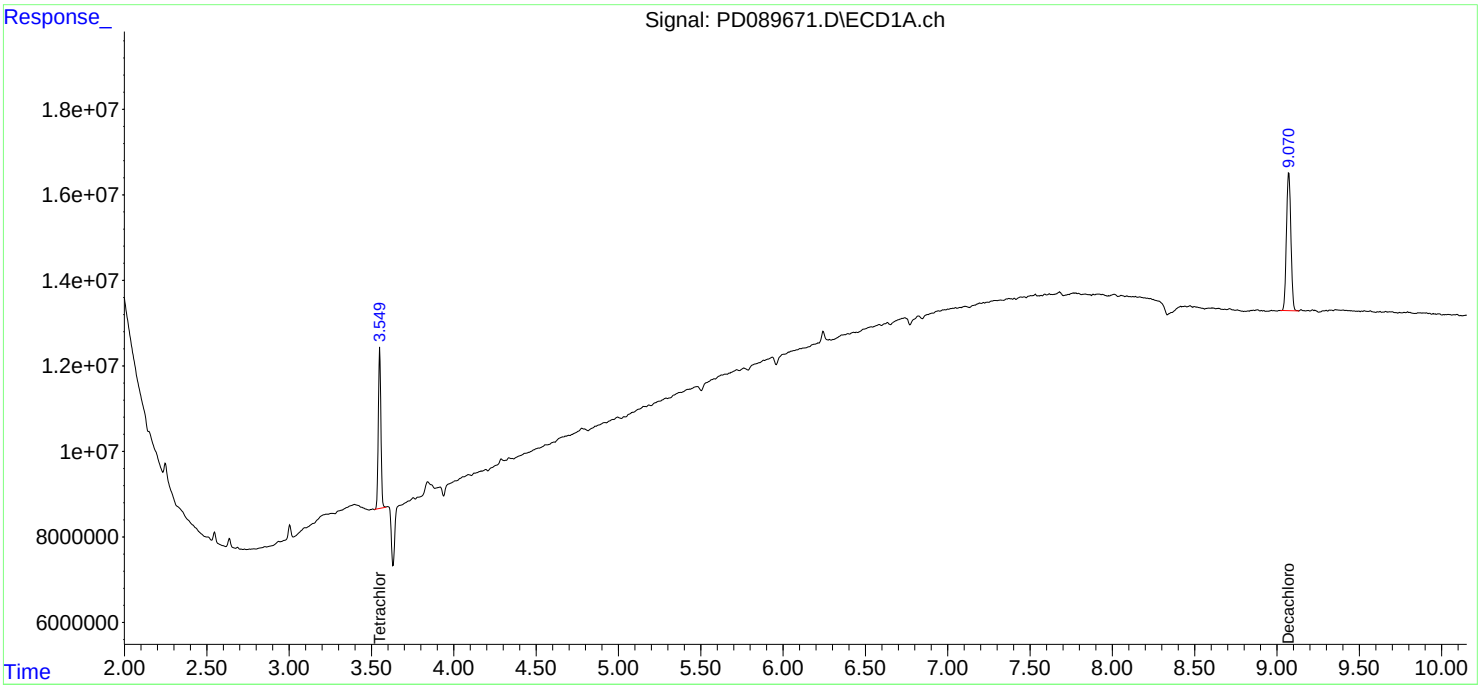
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:43
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

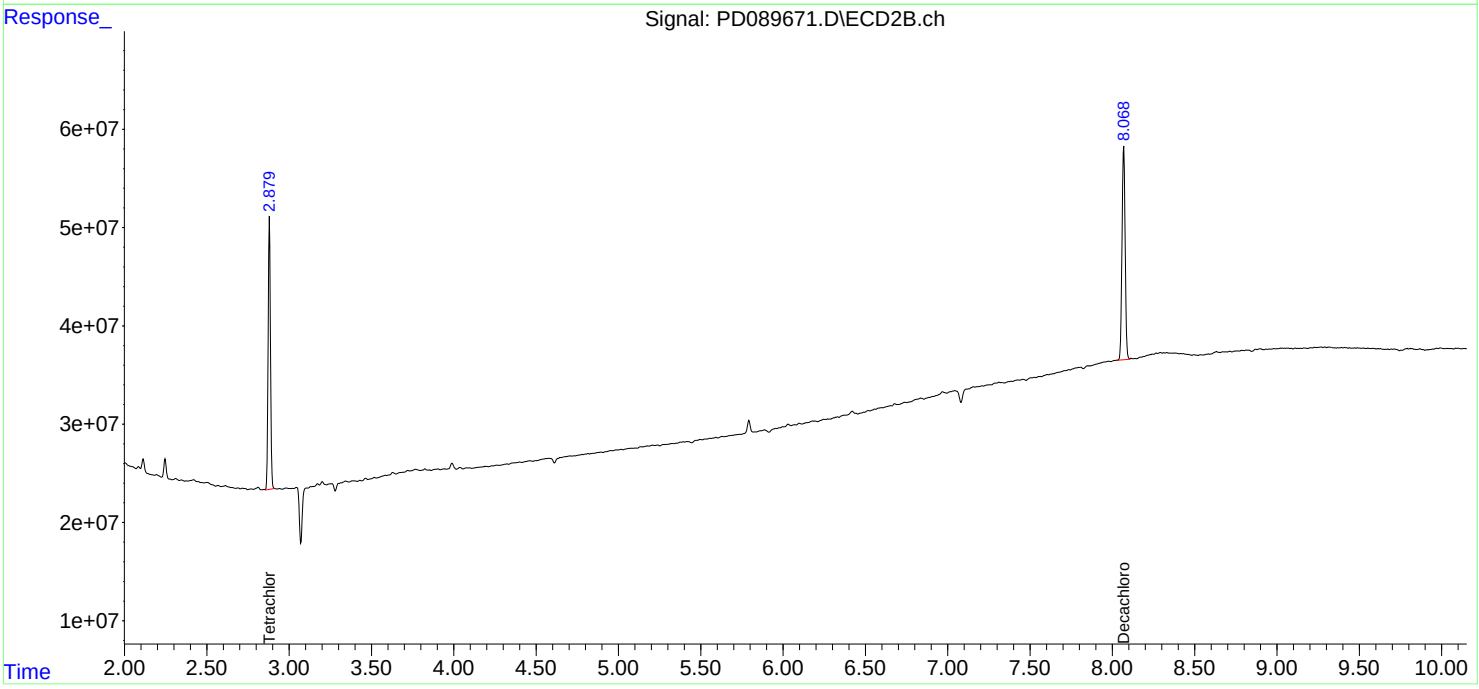
Instrument :
ECD_D
ClientSampleId :
CC0627-SFBL

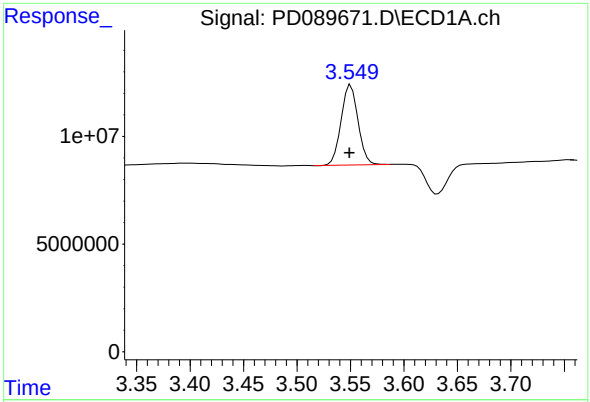
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







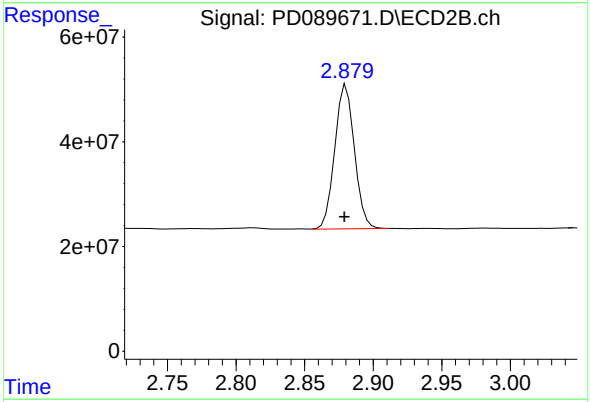
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.001 min
Response: 41138704
Conc: 14.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC0627-SFBL

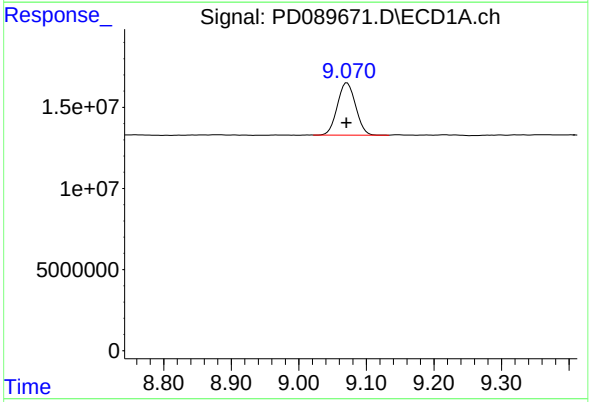
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025



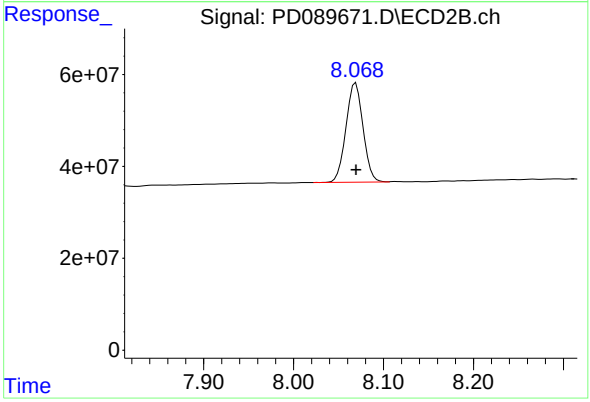
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 274473725
Conc: 14.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 60318214
Conc: 14.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 284826423
Conc: 11.59 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:24
Operator : AR\AJ
Sample : PB168984BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168984BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.824	65034236	112.8E6	17.823	19.552
28)	SA Decachlor...	9.020	7.992	48446043	77285816	17.222	15.499
	Target Compounds						

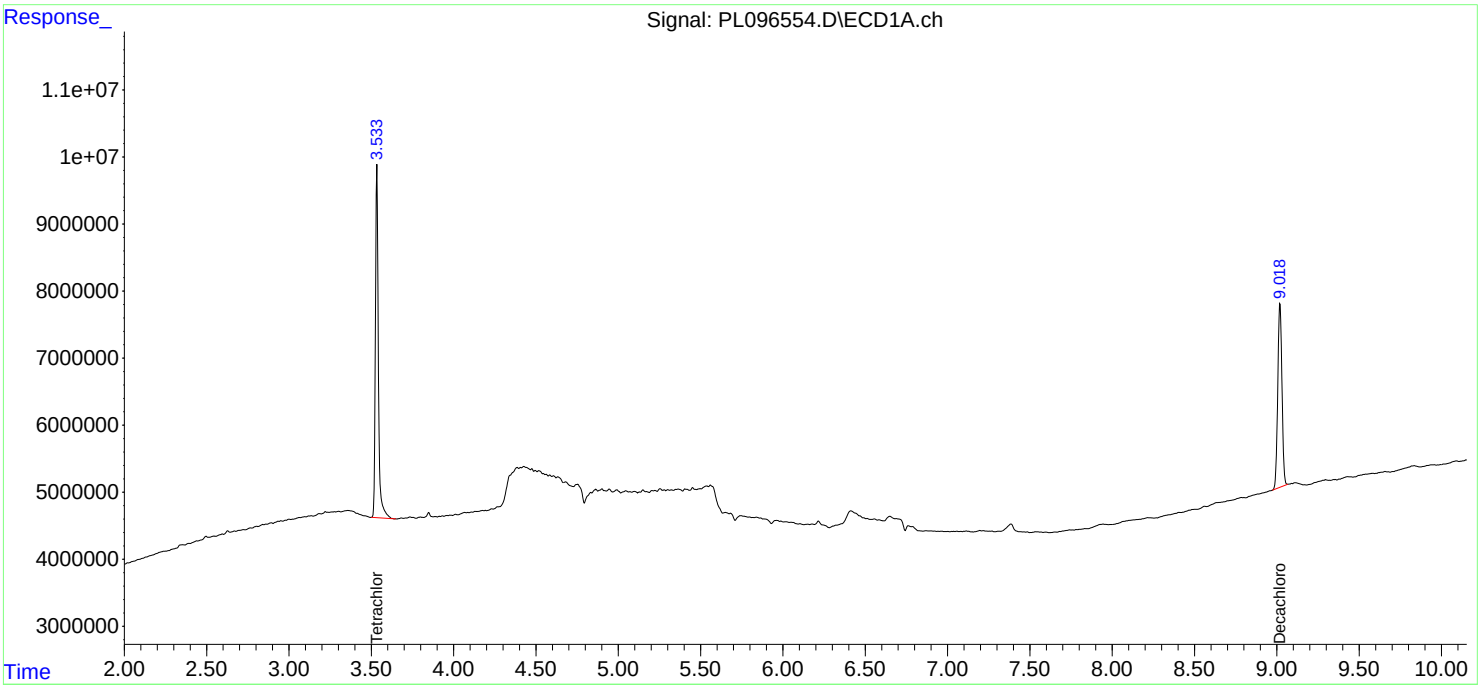
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

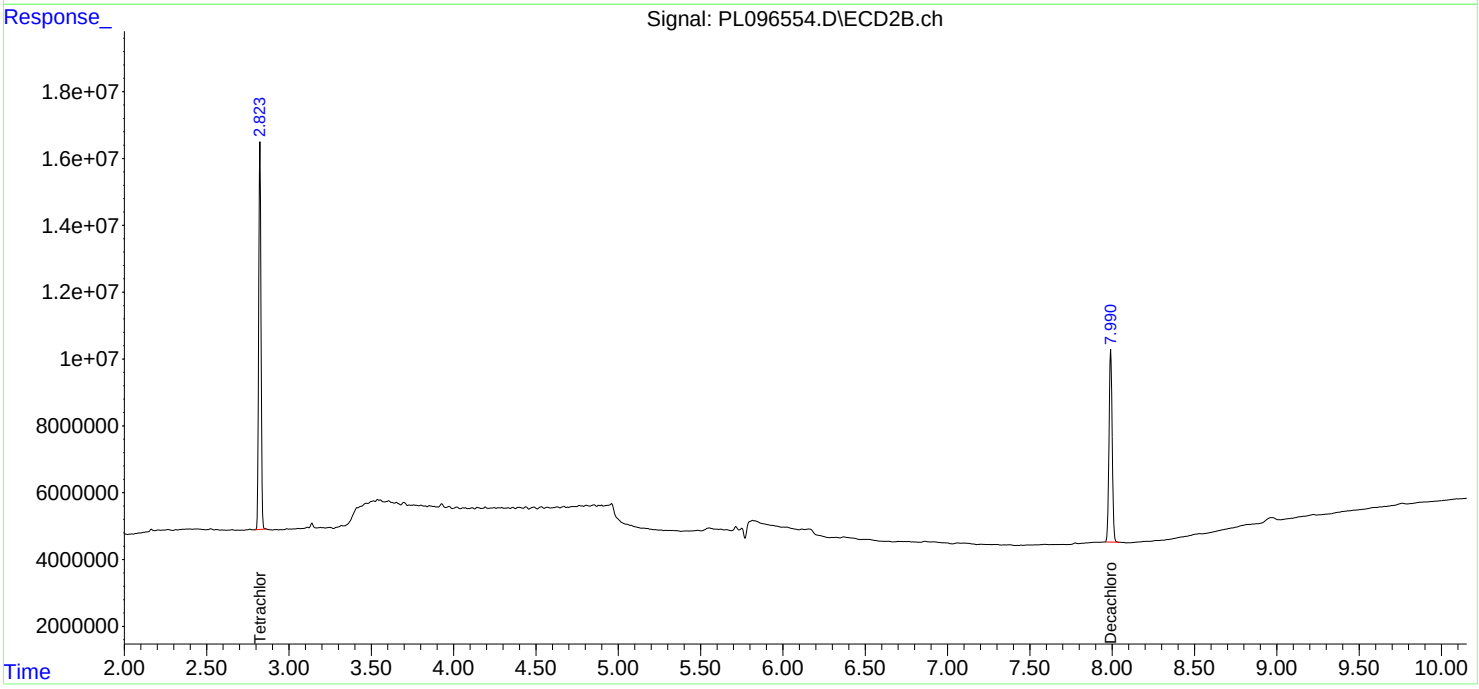
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:24
Operator : AR\AJ
Sample : PB168984BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

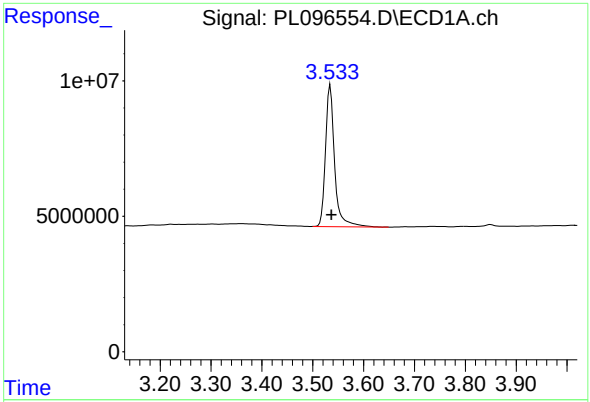
Instrument :
ECD_L
ClientSampleId :
PB168984BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



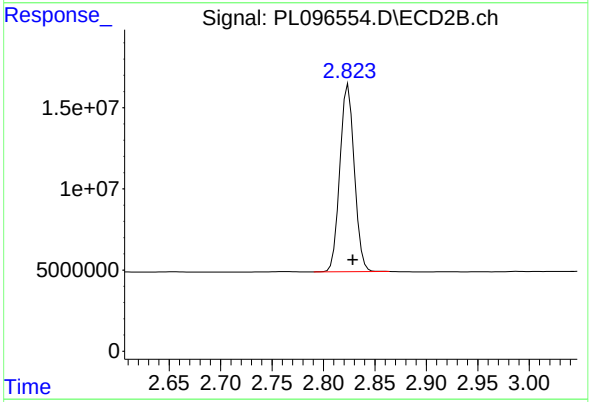




#1 Tetrachloro-m-xylene

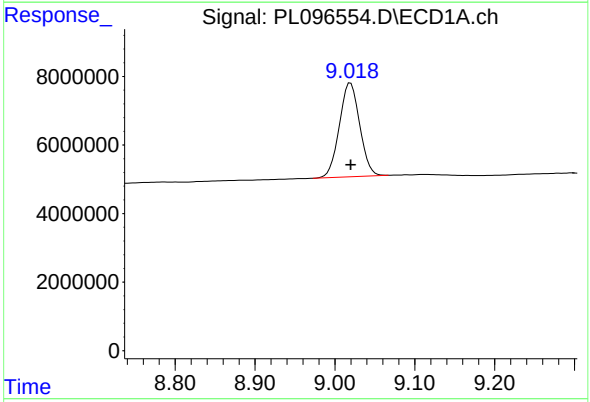
R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 65034236
Conc: 17.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168984BL



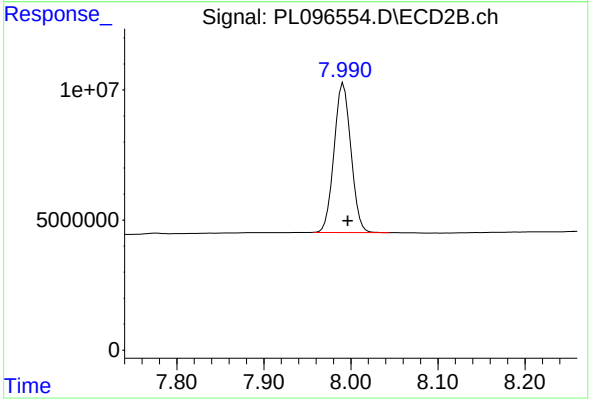
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 112838850
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 48446043
Conc: 17.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 77285816
Conc: 15.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:37
Operator : AR\AJ
Sample : PB168984BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168984BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.535	2.827	70699130	119.6E6	19.375	20.731
28)	SA Decachlor...	9.015	7.991	53333178	83924263	18.959	16.830
	Target Compounds						
2)	A alpha-BHC	3.982	3.333	296.3E6	513.0E6	57.617	60.825
3)	MA gamma-BHC...	4.310	3.665	280.9E6	472.6E6	56.408	60.000
4)	MA Heptachlor	4.902	4.013	245.0E6	419.9E6	53.468	55.195
5)	MB Aldrin	5.243	4.296	270.0E6	440.4E6	55.863	60.363
6)	B beta-BHC	4.497	3.960	118.7E6	196.7E6	57.077	57.442
7)	B delta-BHC	4.742	4.193	266.8E6	464.2E6	59.536	60.269
8)	B Heptachlo...	5.662	4.798	252.8E6	394.2E6	60.921	58.963
9)	A Endosulfan I	6.043	5.169	223.3E6	368.0E6	55.305	51.301
10)	B gamma-Chl...	5.915	5.050	251.7E6	418.8E6	56.892	59.656
11)	B alpha-Chl...	5.996	5.114	243.9E6	405.7E6	55.691	53.942
12)	B 4,4'-DDE	6.166	5.303	208.1E6	387.7E6	56.117	59.983
13)	MA Dieldrin	6.315	5.433	229.4E6	407.2E6	54.252	59.718
14)	MA Endrin	6.542	5.707	144.5E6	290.3E6	46.452	47.619
15)	B Endosulfa...	6.754	6.000	185.8E6	339.9E6	53.553	57.972
16)	A 4,4'-DDD	6.674	5.855	179.4E6	355.0E6	61.624	69.212
17)	MA 4,4'-DDT	6.989	6.107	128.4E6	249.5E6	42.291	43.497
18)	B Endrin al...	6.881	6.178	139.9E6	258.6E6	62.596m	58.059
19)	B Endosulfa...	7.117	6.401	162.3E6	314.9E6	53.061	55.987
20)	A Methoxychlor	7.461	6.680	62530226	120.7E6	39.692	39.740
21)	B Endrin ke...	7.596	6.905	179.9E6	351.4E6	54.474	56.207
22)	Mirex	8.075	7.096	129.3E6	229.2E6	46.466	46.142

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

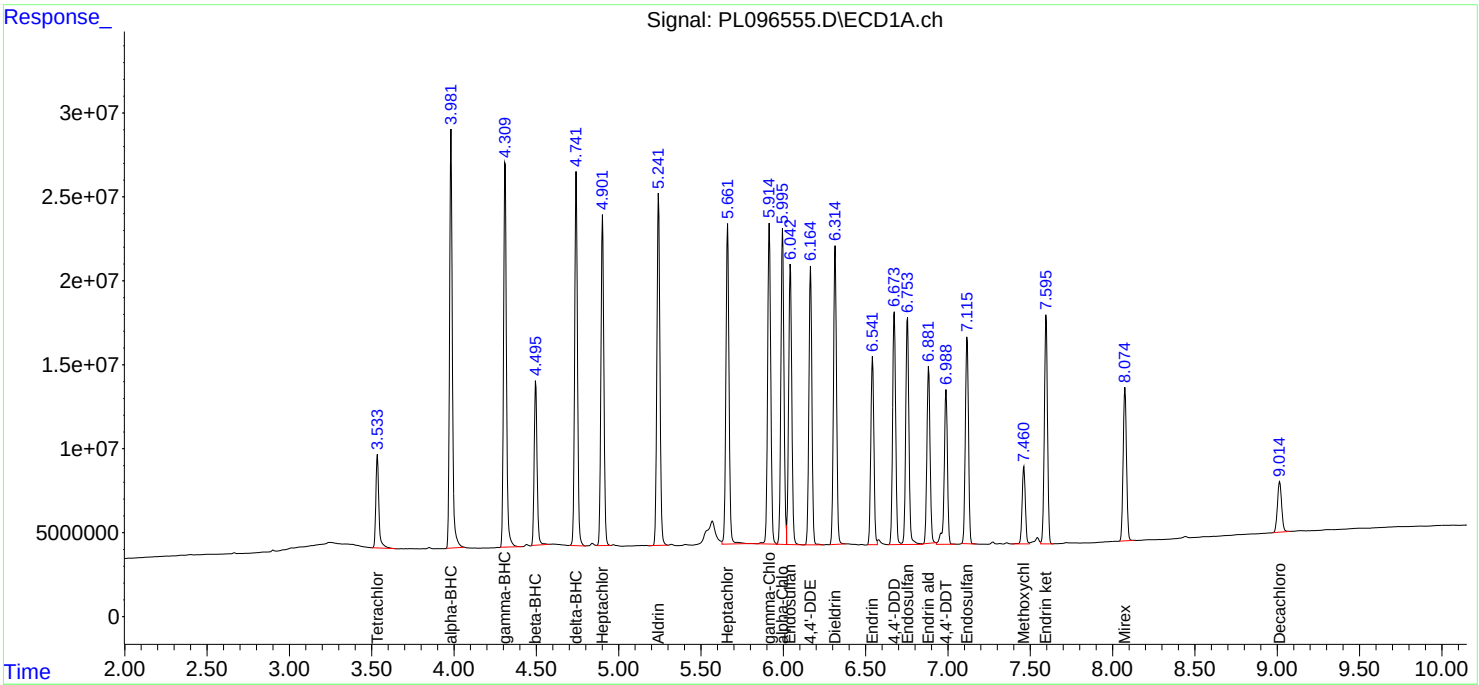
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:37
Operator : AR\AJ
Sample : PB168984BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

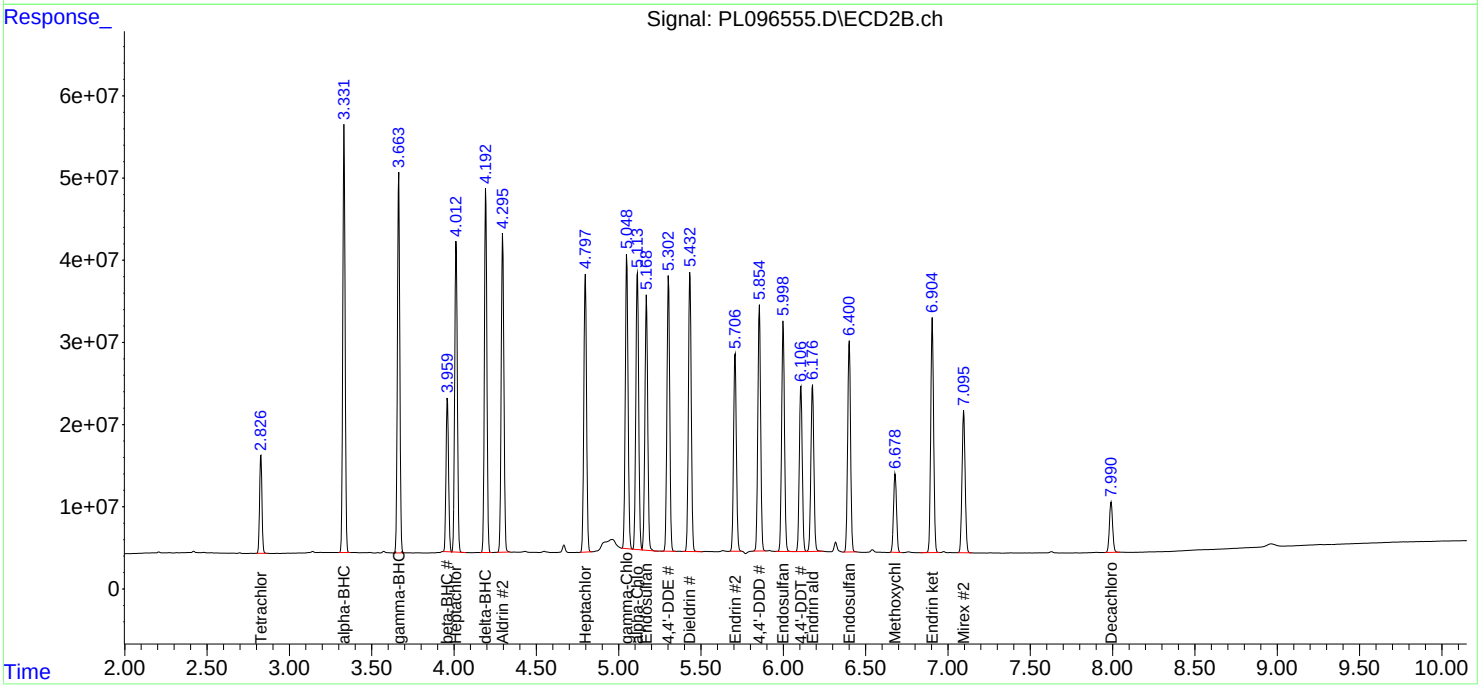
Instrument :
ECD_L
ClientSampleId :
PB168984BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:02
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.828	76390600	125.7E6	20.935	21.783
28)	SA Decachlor...	9.017	7.993	59074999	95176800	21.000	19.087
	Target Compounds						
2)	A alpha-BHC	3.983	3.333	285.8E6	487.8E6	55.578	57.839
3)	MA gamma-BHC...	4.309	3.665	278.8E6	451.7E6	55.985m	57.351
4)	MA Heptachlor	4.903	4.014	249.8E6	418.9E6	54.528	55.068
5)	MB Aldrin	5.243	4.296	258.4E6	409.6E6	53.462	56.147
6)	B beta-BHC	4.497	3.961	114.5E6	190.8E6	55.067	55.714
7)	B delta-BHC	4.743	4.194	255.0E6	427.2E6	56.897	55.464
8)	B Heptachlo...	5.663	4.798	242.0E6	379.7E6	58.321	56.802
9)	A Endosulfan I	6.044	5.169	168.1E6	263.3E6	41.628	36.696
10)	B gamma-Chl...	5.917	5.050	247.4E6	402.6E6	55.911	57.354
11)	B alpha-Chl...	5.997	5.114	242.5E6	391.9E6	55.386	52.118
12)	B 4,4'-DDE	6.166	5.303	207.2E6	375.4E6	55.899	58.072
13)	MA Dieldrin	6.316	5.434	232.7E6	398.6E6	55.022	58.455
14)	MA Endrin	6.543	5.708	167.5E6	322.3E6	53.860	52.874
15)	B Endosulfa...	6.756	6.000	99724499	181.2E6	28.739	30.905
16)	A 4,4'-DDD	6.676	5.854	176.3E6	366.9E6	60.558	71.531m
17)	MA 4,4'-DDT	6.990	6.108	142.4E6	273.3E6	46.924	47.661
18)	B Endrin al...	6.884	6.178	144.3E6	264.0E6	64.539	59.259
19)	B Endosulfa...	7.118	6.402	161.7E6	323.2E6	52.858	57.466
20)	A Methoxychlor	7.463	6.681	69738682	136.4E6	44.267	44.909
21)	B Endrin ke...	7.598	6.906	173.2E6	339.8E6	52.449	54.349
22)	Mirex	8.078	7.097	138.7E6	245.9E6	49.840	49.490

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

Sample Results: **PL096560.D**

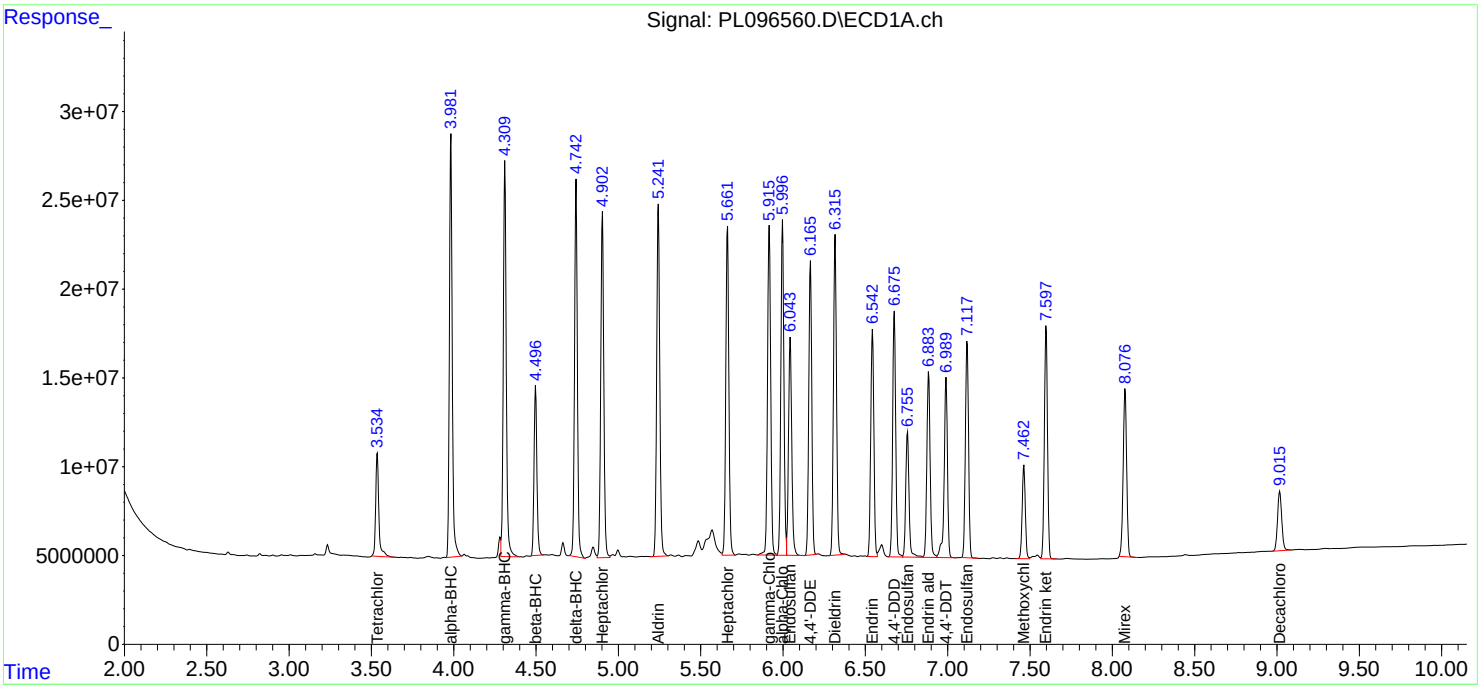
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:02
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

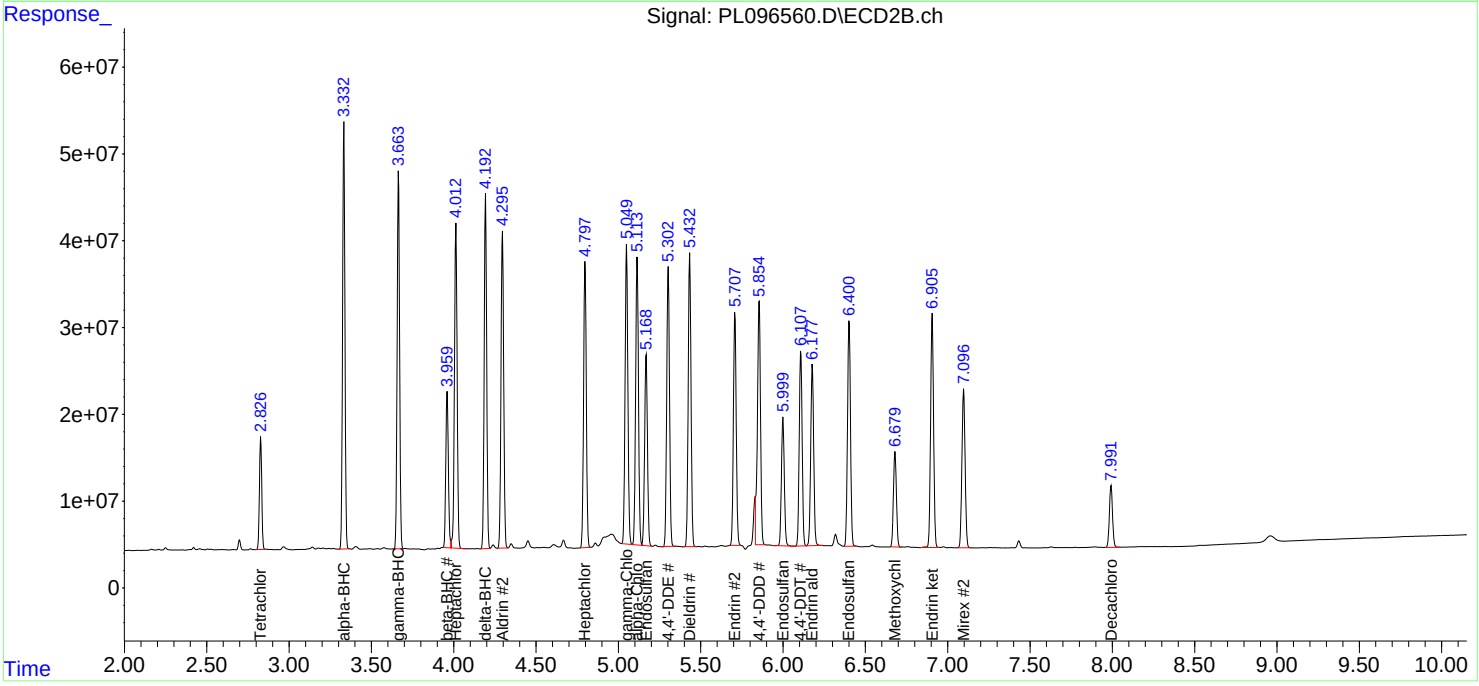
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:15
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.829	75248288	123.7E6	20.622	21.438
28)	SA Decachlor...	9.017	7.992	57830485	95607667	20.558	19.173
	Target Compounds						
2)	A alpha-BHC	3.983	3.334	281.9E6	479.8E6	54.817	56.887
3)	MA gamma-BHC...	4.310	3.665	276.5E6	444.2E6	55.533m	56.400
4)	MA Heptachlor	4.904	4.015	245.7E6	412.0E6	53.634	54.158
5)	MB Aldrin	5.243	4.297	255.6E6	402.9E6	52.887	55.230
6)	B beta-BHC	4.497	3.962	113.5E6	187.4E6	54.590	54.721
7)	B delta-BHC	4.744	4.195	252.4E6	420.5E6	56.333	54.594
8)	B Heptachlo...	5.663	4.799	238.1E6	374.8E6	57.392	56.064
9)	A Endosulfan I	6.045	5.170	164.2E6	259.6E6	40.660	36.192
10)	B gamma-Chl...	5.917	5.051	240.8E6	396.8E6	54.412	56.529
11)	B alpha-Chl...	5.997	5.115	237.8E6	386.7E6	54.303	51.419
12)	B 4,4'-DDE	6.167	5.304	203.5E6	370.6E6	54.891	57.339
13)	MA Dieldrin	6.316	5.435	227.4E6	393.3E6	53.770	57.678
14)	MA Endrin	6.543	5.709	165.4E6	318.0E6	53.191	52.164
15)	B Endosulfa...	6.756	6.001	96385480	179.0E6	27.776	30.528
16)	A 4,4'-DDD	6.675	5.855	174.1E6	372.3E6	59.792	72.582m
17)	MA 4,4'-DDT	6.990	6.109	139.6E6	269.0E6	45.978	46.909
18)	B Endrin al...	6.884	6.179	141.2E6	263.3E6	63.161	59.116
19)	B Endosulfa...	7.118	6.403	159.4E6	322.4E6	52.104	57.329
20)	A Methoxychlor	7.462	6.681	69060408	136.1E6	43.837	44.802
21)	B Endrin ke...	7.597	6.907	170.8E6	339.5E6	51.736	54.296
22)	Mirex	8.076	7.097	139.4E6	245.5E6	50.115m	49.416

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

Sample Results: **PL096561.D**

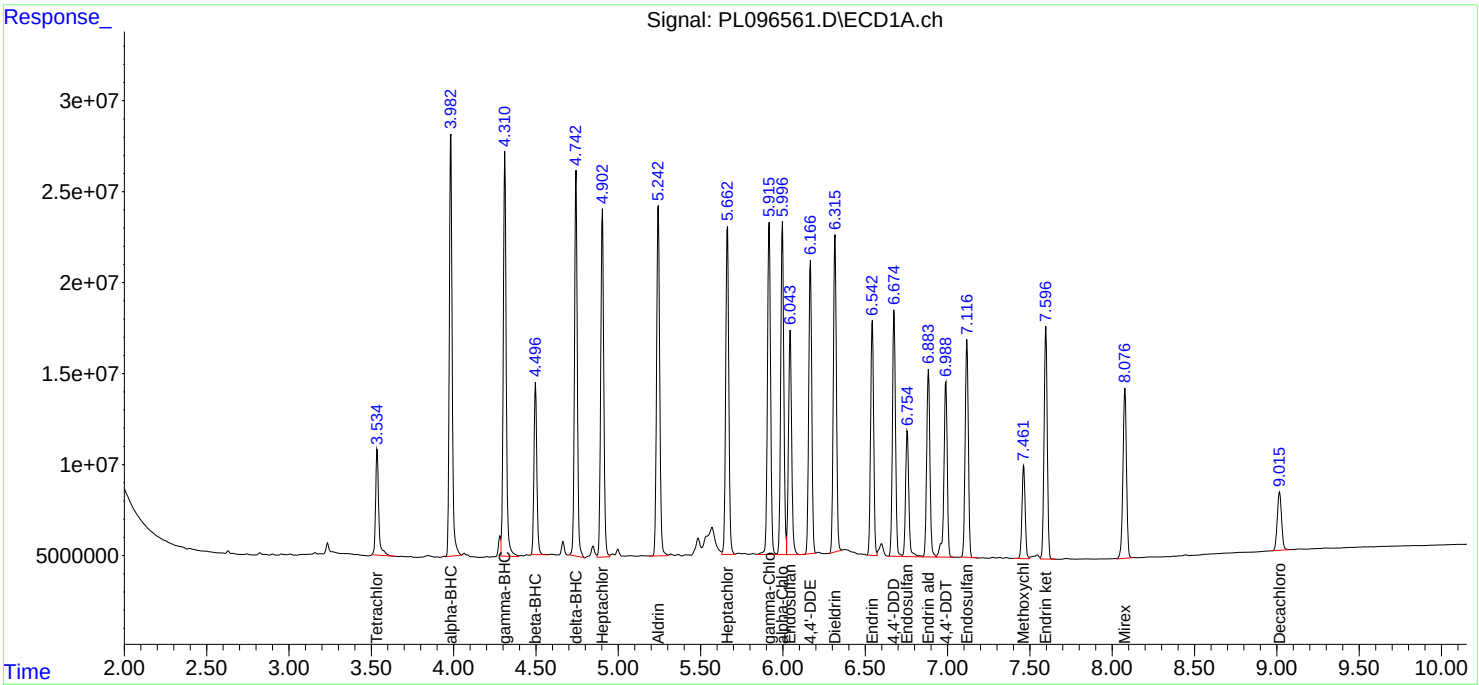
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:15
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

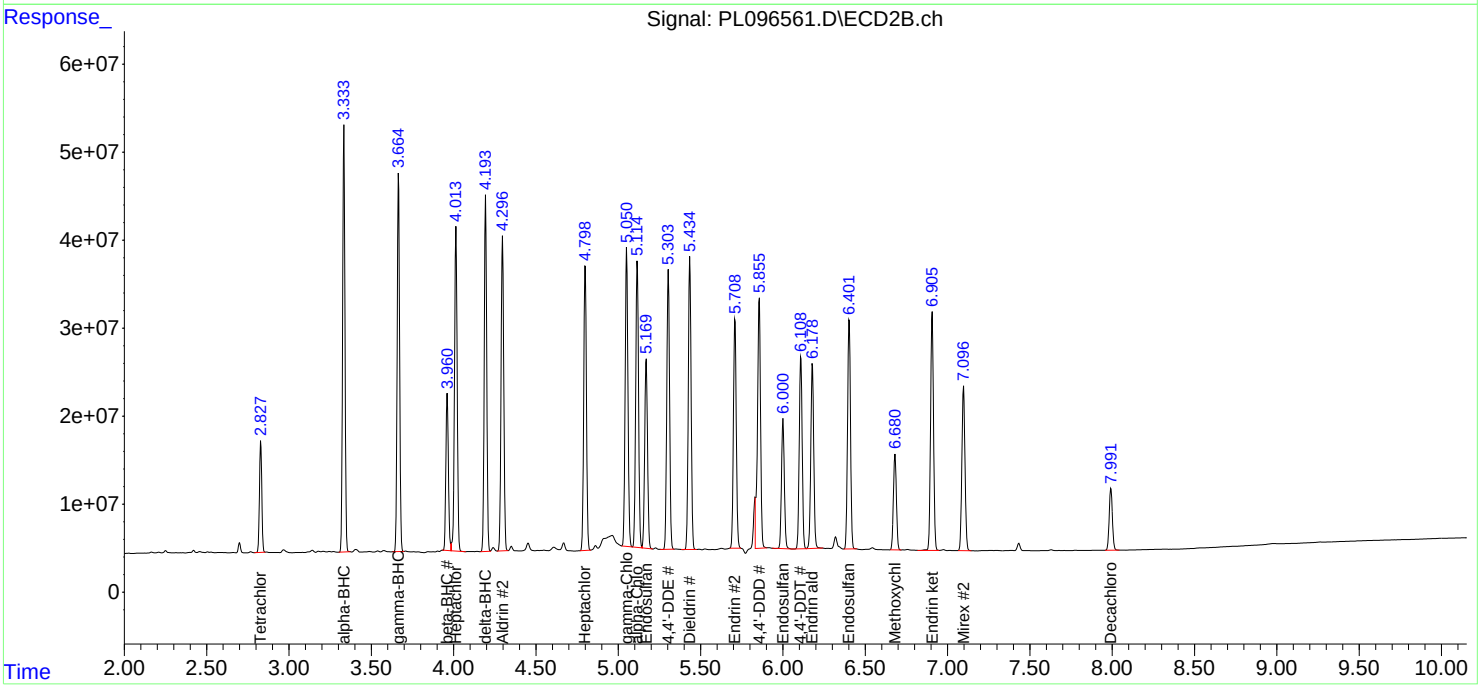
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

Manual Integration Report

Sequence:	PD072125	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089538.D	Endrin ketone	Abdul	7/22/2025 8:00:42 AM	mohammad	7/23/2025 1:33:20	Peak Integrated by Software
PEM	PD089538.D	Endrin ketone #2	Abdul	7/22/2025 8:00:42 AM	mohammad	7/23/2025 1:33:20	Peak Integrated by Software

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

Manual Integration Report

Sequence:	Pd072925	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089667.D	4,4"-DDD	Abdul	7/30/2025 8:39:25 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
PEM	PD089667.D	Endrin ketone	Abdul	7/30/2025 8:39:25 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
PSTDCCC050	PD089668.D	delta-BHC	Abdul	7/30/2025 8:39:29 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-14	PD089669.D	Tetrachloro-m-xylene #2	Abdul	7/30/2025 8:39:32 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Decachlorobiphenyl	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Decachlorobiphenyl #2	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Tetrachloro-m-xylene	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Tetrachloro-m-xylene #2	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-21	PD089671.D	Tetrachloro-m-xylene #2	Abdul	7/30/2025 8:39:37 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL070725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096238.D	4,4"-DDD	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	4,4"-DDD #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin aldehyde	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin aldehyde #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin ketone #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
RESCHK	PL096239.D	Endosulfan I #2	Abdul	7/8/2025 3:56:31 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC100	PL096240.D	Endrin ketone #2	Abdul	7/8/2025 7:52:23 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC075	PL096241.D	beta-BHC	Abdul	7/8/2025 7:51:37 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC025	PL096243.D	Endosulfan II #2	Abdul	7/8/2025 7:51:40 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	4,4"-DDE #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Dieldrin #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endosulfan I #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endosulfan II #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL070725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC005	PL096244.D	Endrin #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin aldehyde #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin ketone #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Heptachlor epoxide #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Aldrin	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Heptachlor epoxide	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PCHLORICV500	PL096256.D	Chlordane-1	Abdul	7/8/2025 7:51:59 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096552.D	4,4"-DDE	Abdul	7/25/2025 9:48:43 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PEM	PL096552.D	4,4"-DDE #2	Abdul	7/25/2025 9:48:43 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096553.D	Dieldrin #2	Abdul	7/25/2025 9:48:47 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096553.D	gamma-Chlordane	Abdul	7/25/2025 9:48:47 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PB168984BS	PL096555.D	Endrin aldehyde	Abdul	7/25/2025 9:48:50 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MS	PL096560.D	4,4"-DDD #2	Abdul	7/25/2025 9:48:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MS	PL096560.D	gamma-BHC (Lindane)	Abdul	7/25/2025 9:48:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	4,4"-DDD #2	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	gamma-BHC (Lindane)	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	Mirex	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-15	PL096563.D	Tetrachloro-m-xylene #2	Abdul	7/25/2025 9:48:05 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PEM	PL096567.D	Endrin aldehyde	Abdul	7/25/2025 9:47:30 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	4,4"-DDD	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096568.D	Dieldrin #2	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Endosulfan II	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Endrin aldehyde	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	gamma-Chlordane	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Methoxychlor	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Decachlorobiphenyl	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Decachlorobiphenyl #2	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Tetrachloro-m-xylene	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Tetrachloro-m-xylene #2	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-17	PL096573.D	Decachlorobiphenyl	Abdul	7/25/2025 9:47:48 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-17	PL096573.D	Decachlorobiphenyl #2	Abdul	7/25/2025 9:47:48 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-17	PL096573.D	Tetrachloro-m-xylene	Abdul	7/25/2025 9:47:48 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-18	PL096574.D	Decachlorobiphenyl	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2481-18	PL096574.D	Decachlorobiphenyl #2	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-18	PL096574.D	Tetrachloro-m-xylene	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-18	PL096574.D	Tetrachloro-m-xylene #2	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-20	PL096575.D	Decachlorobiphenyl	Abdul	7/25/2025 9:47:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-20	PL096575.D	Tetrachloro-m-xylene	Abdul	7/25/2025 9:47:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-20	PL096575.D	Tetrachloro-m-xylene #2	Abdul	7/25/2025 9:47:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDD	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDE	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDT	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDT #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Aldrin	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	alpha-Chlordane	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	alpha-Chlordane #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096577.D	delta-BHC	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Dieldrin #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endosulfan I	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endosulfan II	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin aldehyde	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin ketone #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	gamma-Chlordane	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	gamma-Chlordane #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Heptachlor	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Heptachlor epoxide	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Mirex #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089536.D	21 Jul 2025 11:27	AR\AJ	Ok
2	I.BLK	PD089537.D	21 Jul 2025 12:08	AR\AJ	Ok
3	PEM	PD089538.D	21 Jul 2025 12:22	AR\AJ	Ok,M
4	RESCHK	PD089539.D	21 Jul 2025 12:35	AR\AJ	Ok
5	PSTDICC100	PD089540.D	21 Jul 2025 12:49	AR\AJ	Ok
6	PSTDICC075	PD089541.D	21 Jul 2025 13:03	AR\AJ	Ok
7	PSTDICC050	PD089542.D	21 Jul 2025 13:16	AR\AJ	Ok
8	PSTDICC025	PD089543.D	21 Jul 2025 13:30	AR\AJ	Ok
9	PSTDICC005	PD089544.D	21 Jul 2025 13:44	AR\AJ	Ok
10	PCHLORICC1000	PD089545.D	21 Jul 2025 13:57	AR\AJ	Ok
11	PCHLORICC750	PD089546.D	21 Jul 2025 14:11	AR\AJ	Ok
12	PCHLORICC500	PD089547.D	21 Jul 2025 14:25	AR\AJ	Ok
13	PCHLORICC250	PD089548.D	21 Jul 2025 14:38	AR\AJ	Ok
14	PCHLORICC050	PD089549.D	21 Jul 2025 14:52	AR\AJ	Ok
15	PTOXICC1000	PD089550.D	21 Jul 2025 15:05	AR\AJ	Ok
16	PTOXICC750	PD089551.D	21 Jul 2025 15:19	AR\AJ	Ok
17	PTOXICC500	PD089552.D	21 Jul 2025 15:32	AR\AJ	Ok
18	PTOXICC250	PD089553.D	21 Jul 2025 15:46	AR\AJ	Ok,M
19	PTOXICC100	PD089554.D	21 Jul 2025 15:59	AR\AJ	Ok
20	PSTDICV050	PD089555.D	21 Jul 2025 16:25	AR\AJ	Ok
21	PCHLORICV500	PD089556.D	21 Jul 2025 16:39	AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD089557.D	21 Jul 2025 16:52	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072925

Review By	Abdul	Review On	7/30/2025 8:39:59 AM		
Supervise By	mohammad	Supervise On	7/30/2025 8:59:00 AM		
SubDirectory	PD072925	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089665.D	29 Jul 2025 10:10	AR\AJ	Ok
2	I.BLK	PD089666.D	29 Jul 2025 10:23	AR\AJ	Ok
3	PEM	PD089667.D	29 Jul 2025 10:37	AR\AJ	Ok,M
4	PSTDCCC050	PD089668.D	29 Jul 2025 14:35	AR\AJ	Ok,M
5	Q2481-14	PD089669.D	29 Jul 2025 14:49	AR\AJ	Ok,M
6	Q2481-19	PD089670.D	29 Jul 2025 15:16	AR\AJ	Ok,M
7	Q2481-21	PD089671.D	29 Jul 2025 15:43	AR\AJ	Ok,M
8	Q2481-13	PD089672.D	29 Jul 2025 16:11	AR\AJ	Ok
9	PB168984BL	PD089673.D	29 Jul 2025 16:38	AR\AJ	Not Ok
10	I.BLK	PD089674.D	29 Jul 2025 17:05	AR\AJ	Ok
11	PSTDCCC050	PD089675.D	29 Jul 2025 18:41	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096236.D	07 Jul 2025 09:59	AR\AJ	Ok
2	I.BLK	PL096237.D	07 Jul 2025 10:12	AR\AJ	Ok
3	PEM	PL096238.D	07 Jul 2025 10:26	AR\AJ	Ok,M
4	RESCHK	PL096239.D	07 Jul 2025 10:40	AR\AJ	Ok,M
5	PSTDICC100	PL096240.D	07 Jul 2025 10:53	AR\AJ	Ok,M
6	PSTDICC075	PL096241.D	07 Jul 2025 11:09	AR\AJ	Ok,M
7	PSTDICC050	PL096242.D	07 Jul 2025 11:22	AR\AJ	Ok
8	PSTDICC025	PL096243.D	07 Jul 2025 11:36	AR\AJ	Ok,M
9	PSTDICC005	PL096244.D	07 Jul 2025 11:49	AR\AJ	Ok,M
10	PCHLORICC1000	PL096245.D	07 Jul 2025 12:03	AR\AJ	Ok
11	PCHLORICC750	PL096246.D	07 Jul 2025 12:17	AR\AJ	Ok
12	PCHLORICC500	PL096247.D	07 Jul 2025 12:30	AR\AJ	Ok
13	PCHLORICC250	PL096248.D	07 Jul 2025 12:44	AR\AJ	Ok
14	PCHLORICC050	PL096249.D	07 Jul 2025 12:58	AR\AJ	Ok,M
15	PTOXICC1000	PL096250.D	07 Jul 2025 13:11	AR\AJ	Ok
16	PTOXICC750	PL096251.D	07 Jul 2025 13:25	AR\AJ	Ok
17	PTOXICC500	PL096252.D	07 Jul 2025 13:39	AR\AJ	Ok
18	PTOXICC250	PL096253.D	07 Jul 2025 13:52	AR\AJ	Ok,M
19	PTOXICC100	PL096254.D	07 Jul 2025 14:06	AR\AJ	Ok,M
20	PSTDICV050	PL096255.D	07 Jul 2025 14:19	AR\AJ	Ok,M
21	PCHLORICV500	PL096256.D	07 Jul 2025 14:33	AR\AJ	Ok,M

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL096257.D	07 Jul 2025 14:47	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096550.D	24 Jul 2025 10:28	AR\AJ	Ok
2	I.BLK	PL096551.D	24 Jul 2025 10:42	AR\AJ	Ok
3	PEM	PL096552.D	24 Jul 2025 10:56	AR\AJ	Ok,M
4	PSTDCCC050	PL096553.D	24 Jul 2025 11:28	AR\AJ	Ok,M
5	PB168984BL	PL096554.D	24 Jul 2025 12:24	AR\AJ	Ok
6	PB168984BS	PL096555.D	24 Jul 2025 12:37	AR\AJ	Ok,M
7	PB168919TB	PL096556.D	24 Jul 2025 12:51	AR\AJ	Ok
8	PB168926TB	PL096557.D	24 Jul 2025 13:04	AR\AJ	Ok
9	PB168969TB	PL096558.D	24 Jul 2025 13:18	AR\AJ	Ok
10	Q2641-02	PL096559.D	24 Jul 2025 16:48	AR\AJ	Ok,M
11	Q2641-02MS	PL096560.D	24 Jul 2025 17:02	AR\AJ	Ok,M
12	Q2641-02MSD	PL096561.D	24 Jul 2025 17:15	AR\AJ	Ok,M
13	Q2481-12	PL096562.D	24 Jul 2025 17:29	AR\AJ	Ok
14	Q2481-15	PL096563.D	24 Jul 2025 17:42	AR\AJ	Ok,M
15	Q2481-21	PL096564.D	24 Jul 2025 17:56	AR\AJ	Not Ok
16	Q2646-03	PL096565.D	24 Jul 2025 18:10	AR\AJ	ReRun
17	I.BLK	PL096566.D	24 Jul 2025 18:23	AR\AJ	Ok
18	PEM	PL096567.D	24 Jul 2025 18:37	AR\AJ	Ok,M
19	PSTDCCC050	PL096568.D	24 Jul 2025 18:51	AR\AJ	Ok,M
20	Q2481-19	PL096569.D	24 Jul 2025 19:45	AR\AJ	Not Ok
21	Q2481-13	PL096570.D	24 Jul 2025 19:59	AR\AJ	Not Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2481-14	PL096571.D	24 Jul 2025 20:12	AR\AJ	Not Ok
23	Q2481-16	PL096572.D	24 Jul 2025 20:26	AR\AJ	Ok,M
24	Q2481-17	PL096573.D	24 Jul 2025 20:40	AR\AJ	Ok,M
25	Q2481-18	PL096574.D	24 Jul 2025 20:53	AR\AJ	Ok,M
26	Q2481-20	PL096575.D	24 Jul 2025 21:07	AR\AJ	Ok,M
27	I.BLK	PL096576.D	24 Jul 2025 21:20	AR\AJ	Ok
28	PSTDCCC050	PL096577.D	24 Jul 2025 23:50	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089536.D	21 Jul 2025 11:27		AR\AJ	Ok
2	I.BLK	I.BLK	PD089537.D	21 Jul 2025 12:08		AR\AJ	Ok
3	PEM	PEM	PD089538.D	21 Jul 2025 12:22		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD089539.D	21 Jul 2025 12:35		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD089540.D	21 Jul 2025 12:49		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD089541.D	21 Jul 2025 13:03		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD089542.D	21 Jul 2025 13:16		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD089543.D	21 Jul 2025 13:30		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD089544.D	21 Jul 2025 13:44		AR\AJ	Ok
10	PCHLORICC1000	PCHLORICC1000	PD089545.D	21 Jul 2025 13:57		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD089546.D	21 Jul 2025 14:11		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD089547.D	21 Jul 2025 14:25		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD089548.D	21 Jul 2025 14:38		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD089549.D	21 Jul 2025 14:52		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PD089550.D	21 Jul 2025 15:05		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD089551.D	21 Jul 2025 15:19		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD089552.D	21 Jul 2025 15:32		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD089553.D	21 Jul 2025 15:46		AR\AJ	Ok,M

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD089554.D	21 Jul 2025 15:59		AR\AJ	Ok
20	PSTDICV050	ICVPD072125	PD089555.D	21 Jul 2025 16:25		AR\AJ	Ok
21	PCHLORICV500	ICVPD072125CHLOR	PD089556.D	21 Jul 2025 16:39		AR\AJ	Ok
22	PTOXICV500	ICVPD072125TOX	PD089557.D	21 Jul 2025 16:52		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072925

Review By	Abdul	Review On	7/30/2025 8:39:59 AM		
Supervise By	mohammad	Supervise On	7/30/2025 8:59:00 AM		
SubDirectory	PD072925	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089665.D	29 Jul 2025 10:10		AR\AJ	Ok
2	I.BLK	I.BLK	PD089666.D	29 Jul 2025 10:23		AR\AJ	Ok
3	PEM	PEM	PD089667.D	29 Jul 2025 10:37		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD089668.D	29 Jul 2025 14:35		AR\AJ	Ok,M
5	Q2481-14	CC0625-OXBL	PD089669.D	29 Jul 2025 14:49	Surrogate fail	AR\AJ	Ok,M
6	Q2481-19	CC0627-CLOXAL	PD089670.D	29 Jul 2025 15:16	TCMX high in both column, DCB low in 2nd column	AR\AJ	Ok,M
7	Q2481-21	CC0627-SFBL	PD089671.D	29 Jul 2025 15:43		AR\AJ	Ok,M
8	Q2481-13	CC0627-CLOXPL	PD089672.D	29 Jul 2025 16:11	TCMX high in both column	AR\AJ	Ok
9	PB168984BL	PB168984BL	PD089673.D	29 Jul 2025 16:38	DCB low in 2nd column	AR\AJ	Not Ok
10	I.BLK	I.BLK	PD089674.D	29 Jul 2025 17:05		AR\AJ	Ok
11	PSTDCCC050	PSTDCCC050	PD089675.D	29 Jul 2025 18:41		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096236.D	07 Jul 2025 09:59		AR\AJ	Ok
2	I.BLK	I.BLK	PL096237.D	07 Jul 2025 10:12		AR\AJ	Ok
3	PEM	PEM	PL096238.D	07 Jul 2025 10:26		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL096239.D	07 Jul 2025 10:40		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL096240.D	07 Jul 2025 10:53		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PL096241.D	07 Jul 2025 11:09		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PL096242.D	07 Jul 2025 11:22		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL096243.D	07 Jul 2025 11:36		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL096244.D	07 Jul 2025 11:49		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL096245.D	07 Jul 2025 12:03		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL096246.D	07 Jul 2025 12:17		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL096247.D	07 Jul 2025 12:30		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL096248.D	07 Jul 2025 12:44		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL096249.D	07 Jul 2025 12:58		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL096250.D	07 Jul 2025 13:11		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL096251.D	07 Jul 2025 13:25		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL096252.D	07 Jul 2025 13:39		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL096253.D	07 Jul 2025 13:52		AR\AJ	Ok,M

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL096254.D	07 Jul 2025 14:06		AR\AJ	Ok,M
20	PSTDICV050	ICVPL070725	PL096255.D	07 Jul 2025 14:19		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL070725	PL096256.D	07 Jul 2025 14:33		AR\AJ	Ok,M
22	PTOXICV500	ICVPL070725	PL096257.D	07 Jul 2025 14:47		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096550.D	24 Jul 2025 10:28		AR\AJ	Ok
2	I.BLK	I.BLK	PL096551.D	24 Jul 2025 10:42		AR\AJ	Ok
3	PEM	PEM	PL096552.D	24 Jul 2025 10:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL096553.D	24 Jul 2025 11:28		AR\AJ	Ok,M
5	PB168984BL	PB168984BL	PL096554.D	24 Jul 2025 12:24		AR\AJ	Ok
6	PB168984BS	PB168984BS	PL096555.D	24 Jul 2025 12:37		AR\AJ	Ok,M
7	PB168919TB	PB168919TB	PL096556.D	24 Jul 2025 12:51		AR\AJ	Ok
8	PB168926TB	PB168926TB	PL096557.D	24 Jul 2025 13:04		AR\AJ	Ok
9	PB168969TB	PB168969TB	PL096558.D	24 Jul 2025 13:18		AR\AJ	Ok
10	Q2641-02	P001-CONCRETE001-	PL096559.D	24 Jul 2025 16:48		AR\AJ	Ok,M
11	Q2641-02MS	P001-CONCRETE001-	PL096560.D	24 Jul 2025 17:02		AR\AJ	Ok,M
12	Q2641-02MSD	P001-CONCRETE001-	PL096561.D	24 Jul 2025 17:15		AR\AJ	Ok,M
13	Q2481-12	CC0627-AL	PL096562.D	24 Jul 2025 17:29		AR\AJ	Ok
14	Q2481-15	CC0627-AOXL	PL096563.D	24 Jul 2025 17:42		AR\AJ	Ok,M
15	Q2481-21	CC0627-SFBL	PL096564.D	24 Jul 2025 17:56	need clean up	AR\AJ	Not Ok
16	Q2646-03	FRAC TANK	PL096565.D	24 Jul 2025 18:10	DCB low in 2nd and TCMX low in 1st column	AR\AJ	ReRun
17	I.BLK	I.BLK	PL096566.D	24 Jul 2025 18:23		AR\AJ	Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PEM	PEM	PL096567.D	24 Jul 2025 18:37		AR\AJ	Ok,M
19	PSTDCCC050	PSTDCCC050	PL096568.D	24 Jul 2025 18:51	DCB Low in 2nd column	AR\AJ	Ok,M
20	Q2481-19	CC0627-CLOXAL	PL096569.D	24 Jul 2025 19:45	f flag in TCMX in 1st column ,TCMX high in both column ,Bad injection	AR\AJ	Not Ok
21	Q2481-13	CC0627-CLOXPL	PL096570.D	24 Jul 2025 19:59	TCMX high in both column , DCB low in 1st column, ,Bad injection	AR\AJ	Not Ok
22	Q2481-14	CC0625-OXBL	PL096571.D	24 Jul 2025 20:12	TCMX high in 1st column and low in 2nd column , DCB low in 1st column, ,Bad injection	AR\AJ	Not Ok
23	Q2481-16	CC0625-NL	PL096572.D	24 Jul 2025 20:26	DCB high in 1st column	AR\AJ	Ok,M
24	Q2481-17	CC0267-OXPL	PL096573.D	24 Jul 2025 20:40	TCMX low in 2nd column	AR\AJ	Ok,M
25	Q2481-18	CC0627-OXL	PL096574.D	24 Jul 2025 20:53	TCMX high in 1st column,	AR\AJ	Ok,M
26	Q2481-20	CC0627-BL	PL096575.D	24 Jul 2025 21:07	TCMX high in 1st column	AR\AJ	Ok,M
27	I.BLK	I.BLK	PL096576.D	24 Jul 2025 21:20		AR\AJ	Ok
28	PSTDCCC050	PSTDCCC050	PL096577.D	24 Jul 2025 23:50	4,4-DDT low in 2nd column	AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : [illegible]

Standared 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
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
N/A	N/A	N/A
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/23/25 11:00	JP / ZHE room	RB / EXT
	Preparation Group	**Analysis Group** DEP

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp w q2481 **WorkList ID :** 190885 **Department :** TCLP Extraction **Date :** 07-22-2025 15:41:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-12	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-13	CC0627-CLOXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-14	CC0625-OXBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-15	CC0627-AOXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-16	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-17	CC0267-OXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-18	CC0627-OXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-19	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-20	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-21	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311

Date/Time 07/22/25 16:00
Raw Sample Received by: SB (WC)
Raw Sample Relinquished by: CP SM

Date/Time 07/22/25 18:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168984

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 07/23/2025

Extraction Start Time : 12:15

Extraction End Date : 07/23/2025

Extraction End Time : 16:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24627
Surrogate	1.0ML	200 PPB	PP24663
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
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
Hexane	N/A	E3956
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.1.5ML Vial Lot # 2210443. Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/23/25	RS (Extr lab)	R. Pest/PCB Lab
16:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168984

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 07/23/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB168926TB	PB168926TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			2
PB168969TB	PB168969TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			3
PB168984BL	PBLK984	TCLP Pesticide	1000	6	RUPESH	ritesh	10			4
PB168984BS	PLCS984	TCLP Pesticide	1000	6	RUPESH	ritesh	10			5
Q2481-12	CC0627-AL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	6
Q2481-13	CC0627-CLOXPL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	7
Q2481-14	CC0625-OXBL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	8
Q2481-15	CC0627-AOXL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	9
Q2481-16	CC0625-NL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	10
Q2481-17	CC0267-OXPL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	11
Q2481-18	CC0627-OXL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	12
Q2481-19	CC0627-CLOXAL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	13
Q2481-20	CC0627-BL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	14
Q2481-21	CC0627-SFBL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	15
Q2641-02	P001-CONCRETE001-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		16
Q2641-02MS	P001-CONCRETE001-01MS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		SEP-1
Q2641-02MSD	P001-CONCRETE001-01MSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		2
Q2646-03	FRAC TANK	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		3

RJ
7/23

* **Extracts relinguished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

07/23/25
11:00

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168926

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
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

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

07/21/25
11:30

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168919

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
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

07/24/25 11:30

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

LAB CHRONICLE

OrderID:	Q2481	**OrderDate:**	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	**Project:**	CC2-16 Analytical
Contact:	Ryan Simpson	**Location:**	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-12	**CC0627-AL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/28/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-13	**CC0627-CLOXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-14	**CC0625-OXBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-15	**CC0627-AOXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-16	**CC0625-NL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-17	**CC0267-OXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-18	**CC0627-OXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/28/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-19	**CC0627-CLOXAL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-20	**CC0627-BL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	

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

LAB CHRONICLE

Q2481-21	**CC0627-SFBL**	**TCLP**			**06/27/25**		**06/27/25**
			TCLP Herbicide	8151A	07/23/25	07/25/25	
			TCLP Pesticide	8081B	07/23/25	07/29/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2481 **Order ID:** Q2481

Client: Environmental Restoration, LLC **Project ID:** CC2-16 Analytical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000



SAMPLE DATA

Raw Data: **PS031241.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	07/23/25
Client Sample ID:	PB168969TB	SDG No.:	Q2481
Lab Sample ID:	PB168969TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031241.D	1	07/23/25 11:45	07/24/25 21:53	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	564		61 - 136	113%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-12	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031317.D	1	07/23/25 11:45	07/30/25 14:25	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	446		61 - 136	89%	SPK: 500

Comments:

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

Raw Data: **PS031253.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-13	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031253.D	10	07/23/25 11:45	07/25/25 04:18	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	543		61 - 136	109%	SPK: 500

Comments:

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

Raw Data: **PS031254.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-14	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031254.D	10	07/23/25 11:45	07/25/25 04:43	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	1260	*	61 - 136	252%	SPK: 500

Comments:

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

Raw Data: **PS031245.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-15	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031245.D	1	07/23/25 11:45	07/25/25 00:17	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	554		61 - 136	111%	SPK: 500

Comments:

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

Raw Data: **PS031255.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-16	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031255.D	10	07/23/25 11:45	07/25/25 05:07	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	2260	*	61 - 136	453%	SPK: 500

Comments:

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

Raw Data: **PS031256.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-17	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031256.D	10	07/23/25 11:45	07/25/25 05:31	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	1270	*	61 - 136	254%	SPK: 500

Comments:

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

Raw Data: PS031318.D

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-18	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031318.D	100	07/23/25 11:45	07/30/25 14:49	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9200	U	9200	20000	ug/L
93-72-1	2,4,5-TP (Silvex)	7800	U	7800	20000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	10800	*	61 - 136	2153%	SPK: 500

Comments:

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

Raw Data: **PS031248.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-19	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031248.D	1	07/23/25 11:45	07/25/25 01:29	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	504		61 - 136	101%	SPK: 500

Comments:

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

Raw Data: **PS031258.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-20	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031258.D	10	07/23/25 11:45	07/25/25 06:19	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	3130	*	61 - 136	626%	SPK: 500

Comments:

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

Raw Data: **PS031249.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-21	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031249.D	1	07/23/25 11:45	07/25/25 01:53	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	642		61 - 136	128%	SPK: 500

Comments:

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

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031156.D	PIBLK-PS031156.D	2,4-DCAA	1	500	397	79		61	136
		2,4-DCAA	2	500	504	101		61	136
I.BLK-PS031232.D	PIBLK-PS031232.D	2,4-DCAA	1	500	412	82		61	136
		2,4-DCAA	2	500	491	98		61	136
Q2641-02MS	P001-CONCRETE001-01MS	2,4-DCAA	1	500	452	90		61	136
		2,4-DCAA	2	500	499	100		61	136
Q2641-02MSD	P001-CONCRETE001-01MSD	2,4-DCAA	1	500	418	84		61	136
		2,4-DCAA	2	500	463	93		61	136
PB169001BL	PB169001BL	2,4-DCAA	1	500	407	81		61	136
		2,4-DCAA	2	500	473	95		61	136
PB169001BS	PB169001BS	2,4-DCAA	1	500	488	98		61	136
		2,4-DCAA	2	500	501	100		61	136
PB168969TB	PB168969TB	2,4-DCAA	1	500	564	113		61	136
		2,4-DCAA	2	500	495	99		61	136
I.BLK-PS031242.D	PIBLK-PS031242.D	2,4-DCAA	1	500	422	84		61	136
		2,4-DCAA	2	500	498	100		61	136
Q2481-15	CC0627-AOXL	2,4-DCAA	1	500	398	80		61	136
		2,4-DCAA	2	500	554	111		61	136
Q2481-19	CC0627-CLOXAL	2,4-DCAA	1	500	504	101		61	136
		2,4-DCAA	2	500	377	75		61	136
Q2481-21	CC0627-SFBL	2,4-DCAA	1	500	642	128		61	136
		2,4-DCAA	2	500	434	87		61	136
I.BLK-PS031251.D	PIBLK-PS031251.D	2,4-DCAA	1	500	374	75		61	136
		2,4-DCAA	2	500	470	94		61	136
Q2481-13	CC0627-CLOXPL	2,4-DCAA	1	500	246	49	*	61	136
		2,4-DCAA	2	500	543	109		61	136
Q2481-14	CC0625-OXBL	2,4-DCAA	1	500	1260	252	*	61	136
		2,4-DCAA	2	500	860	172	*	61	136
Q2481-16	CC0625-NL	2,4-DCAA	1	500	184	37	*	61	136
		2,4-DCAA	2	500	2260	453	*	61	136
Q2481-17	CC0267-OXPL	2,4-DCAA	1	500	33.1	7	*	61	136
		2,4-DCAA	2	500	1270	254	*	61	136
Q2481-20	CC0627-BL	2,4-DCAA	1	500	507	101		61	136
		2,4-DCAA	2	500	3130	626	*	61	136
I.BLK-PS031259.D	PIBLK-PS031259.D	2,4-DCAA	1	500	171	34	*	61	136
		2,4-DCAA	2	500	34.5	7	*	61	136
I.BLK-PS031274.D	PIBLK-PS031274.D	2,4-DCAA	1	500	404	81		61	136
		2,4-DCAA	2	500	491	98		61	136
I.BLK-PS031315.D	PIBLK-PS031315.D	2,4-DCAA	1	500	431	86		61	136
		2,4-DCAA	2	500	499	100		61	136
Q2481-12	CC0627-AL	2,4-DCAA	1	500	399	80		61	136

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

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2481-12	CC0627-AL	2,4-DCAA	2	500	446	89		61	136
Q2481-18	CC0627-OXL	2,4-DCAA	1	500	10800	2153	*	61	136
		2,4-DCAA	2	500	580	116		61	136
I.BLK-PS031320.D	PIBLK-PS031320.D	2,4-DCAA	1	500	424	85		61	136
		2,4-DCAA	2	500	473	95		61	136

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8151A

Client: Environmental Restoration, LLC **DataFile :** PS031234.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2641-02MS (Column 1)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	80.3	ug/L	161	*			65	135	
	2,4,5-TP(Silvex)	50	0	77.7	ug/L	155	*			62	139	
Lab Sample ID:	**Q2641-02MS (Column 2)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	86.2	ug/L	172	*			65	135	
	2,4,5-TP(Silvex)	50	0	76.7	ug/L	153	*			62	139	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8151A

Client: Environmental Restoration, LLC **DataFile :** PS031235.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2641-02MSD (Column 1)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	76.2	ug/L	152	*	6		65	135	20
	2,4,5-TP(Silvex)	50	0	73.8	ug/L	148	*	5		62	139	20
Lab Sample ID:	**Q2641-02MSD (Column 2)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
	2,4-D	50	0	80.9	ug/L	162	*	6		65	135	20
	2,4,5-TP(Silvex)	50	0	72.7	ug/L	145	*	5		62	139	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8151A

Client: Environmental Restoration, LLC **Datafile :** PS031237.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169001BS (Column 1)	2,4-D	5	6.00	ug/L	120				83	130	
	2,4,5-TP(Silvex)	5	5.60	ug/L	112				78	127	
PB169001BS (Column 2)	2,4-D	5	5.50	ug/L	110				83	130	
	2,4,5-TP(Silvex)	5	5.30	ug/L	106				78	127	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169001BL

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2481

Lab Sample ID: PB169001BL | Lab File ID: PS031236.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/23/2025

Date Analyzed (1): 07/24/2025 | Date Analyzed (2): 07/24/2025

Time Analyzed (1): 19:52 | Time Analyzed (2): 19:52

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 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
P001-CONCRETE001-01MS	Q2641-02MS	PS031234.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MSD	Q2641-02MSD	PS031235.D	07/24/2025	07/24/2025
PB169001BS	PB169001BS	PS031237.D	07/24/2025	07/24/2025
PB168969TB	PB168969TB	PS031241.D	07/24/2025	07/24/2025
CC0627-AOXL	Q2481-15	PS031245.D	07/25/2025	07/25/2025
CC0627-CLOXAL	Q2481-19	PS031248.D	07/25/2025	07/25/2025
CC0627-SFBL	Q2481-21	PS031249.D	07/25/2025	07/25/2025
CC0627-CLOXPL	Q2481-13	PS031253.D	07/25/2025	07/25/2025
CC0625-OXBL	Q2481-14	PS031254.D	07/25/2025	07/25/2025
CC0625-NL	Q2481-16	PS031255.D	07/25/2025	07/25/2025
CC0267-OXPL	Q2481-17	PS031256.D	07/25/2025	07/25/2025
CC0627-BL	Q2481-20	PS031258.D	07/25/2025	07/25/2025
CC0627-AL	Q2481-12	PS031317.D	07/30/2025	07/30/2025
CC0627-OXL	Q2481-18	PS031318.D	07/30/2025	07/30/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PS031236.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB169001BL	SDG No.:	Q2481
Lab Sample ID:	PB169001BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031236.D	1	07/23/25 11:45	07/24/25 19:52	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	473		61 - 136	95%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/21/25
Project:	CC2-16 Analytical	Date Received:	07/21/25
Client Sample ID:	PIBLK-PS031156.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031156.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031156.D	1		07/21/25	ps072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	504		61 - 136	101%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PS031232.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031232.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031232.D	1		07/24/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PS031242.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031242.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031242.D	1		07/24/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	498		61 - 136	100%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/25/25
Project:	CC2-16 Analytical	Date Received:	07/25/25
Client Sample ID:	PIBLK-PS031251.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031251.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031251.D	1		07/25/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	470		61 - 136	94%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/25/25
Project:	CC2-16 Analytical	Date Received:	07/25/25
Client Sample ID:	PIBLK-PS031259.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031259.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031259.D	1		07/25/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	171	*	61 - 136	34%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/29/25
Project:	CC2-16 Analytical	Date Received:	07/29/25
Client Sample ID:	PIBLK-PS031274.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031274.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031274.D	1		07/29/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/30/25
Project:	CC2-16 Analytical	Date Received:	07/30/25
Client Sample ID:	PIBLK-PS031303.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031303.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031303.D	1		07/30/25	Ps073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	485		61 - 136	97%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/30/25
Project:	CC2-16 Analytical	Date Received:	07/30/25
Client Sample ID:	PIBLK-PS031315.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031315.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031315.D	1		07/30/25	ps073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	499		61 - 136	100%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/30/25
Project:	CC2-16 Analytical	Date Received:	07/30/25
Client Sample ID:	PIBLK-PS031320.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PS031320.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031320.D	1		07/30/25	ps073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	473		61 - 136	95%	SPK: 500

Comments:

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

Raw Data: **PS031237.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB169001BS	SDG No.:	Q2481
Lab Sample ID:	PB169001BS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031237.D	1	07/23/25 11:45	07/24/25 20:16	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	6.00		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.60		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	501		61 - 136	100%	SPK: 500

Comments:

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

Raw Data: **PS031234.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	CC2-16 Analytical	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MS	SDG No.:	Q2481
Lab Sample ID:	Q2641-02MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031234.D	1	07/23/25 11:45	07/24/25 19:04	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	86.2		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	77.7		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	499		61 - 136	100%	SPK: 500

Comments:

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

Raw Data: **PS031235.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	CC2-16 Analytical	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MSD	SDG No.:	Q2481
Lab Sample ID:	Q2641-02MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031235.D	1	07/23/25 11:45	07/24/25 19:28	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	80.9		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	73.8		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	463		61 - 136	93%	SPK: 500

Comments:

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

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_S
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031157.D RT 500 = PS031158.D
RT 750 = PS031159.D RT 1000 = PS031160.D RT 1500 = PS031161.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.34	9.34	9.34	9.34	9.34	9.34	9.24	9.44
2,4-D	8.46	8.46	8.46	8.46	8.46	8.46	8.36	8.56
2,4-DCAA	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_S
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031157.D RT 500 = PS031158.D
RT 750 = PS031159.D RT 1000 = PS031160.D RT 1500 = PS031161.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
2,4-D	9.03	9.03	9.02	9.03	9.02	9.03	8.93	9.13
2,4-DCAA	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

GC Column: RTX-CLP **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031157.D CF 500 = PS031158.D
CF 750 = PS031159.D CF 1000 = PS031160.D CF 1500 = PS031161.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	24592600000	22780000000	21638700000	20857200000	19899400000	21953600000	8
2,4-D	4193860000	3820730000	3654460000	3552490000	3453030000	3734920000	8
2,4-DCAA	5091100000	4403340000	4248720000	4081100000	3917010000	4348250000	10

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031157.D CF 500 = PS031158.D
CF 750 = PS031159.D CF 1000 = PS031160.D CF 1500 = PS031161.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16137400000	15454900000	14840900000	14348100000	13689700000	14894200000	6
2,4-D	1930260000	1742600000	1656200000	1604210000	1558320000	1698320000	9
2,4-DCAA	1147310000	1039810000	988394000	963101000	936229000	1014970000	8

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_S
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031275.D RT 500 = PS031276.D
RT 750 = PS031277.D RT 1000 = PS031278.D RT 1500 = PS031279.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.33	9.33	9.33	9.33	9.33	9.33	9.23	9.43
2,4-D	8.45	8.45	8.45	8.45	8.45	8.45	8.35	8.55
2,4-DCAA	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_S
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031275.D RT 500 = PS031276.D
RT 750 = PS031277.D RT 1000 = PS031278.D RT 1500 = PS031279.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.93	9.92	9.92	9.92	9.92	9.92	9.82	10.02
2,4-D	9.03	9.03	9.03	9.02	9.02	9.03	8.93	9.13
2,4-DCAA	7.77	7.77	7.77	7.76	7.76	7.77	7.67	7.87

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031275.D CF 500 = PS031276.D
CF 750 = PS031277.D CF 1000 = PS031278.D CF 1500 = PS031279.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16396000000	16819100000	16676100000	16892300000	16522800000	16661300000	1
2,4-D	2576570000	2575840000	2553160000	2630000000	2631140000	2593340000	1
2,4-DCAA	3064840000	2959730000	2862370000	2871350000	2808730000	2913400000	3

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031275.D CF 500 = PS031276.D
CF 750 = PS031277.D CF 1000 = PS031278.D CF 1500 = PS031279.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	13057400000	12937900000	12568100000	12631100000	12319500000	12702800000	2
2,4-D	1448930000	1409840000	1369840000	1380980000	1368050000	1395530000	2
2,4-DCAA	882797000	843990000	816032000	820679000	811907000	835081000	4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:39 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:39 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031233.D **Time Analyzed:** 18:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.335	9.242	9.442	689.480	712.500	-3.2
2,4-D	8.451	8.356	8.556	729.310	705.000	3.4
2,4-DCAA	7.319	7.225	7.425	666.340	750.000	-11.2

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031233.D **Time Analyzed:** 18:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.926	9.829	10.029	671.800	712.500	-5.7
2,4-D	9.021	8.924	9.124	696.610	705.000	-1.2
2,4-DCAA	7.764	7.666	7.866	693.770	750.000	-7.5

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 23:29 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 23:29 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.335	9.242	9.442	685.930	712.500	-3.7
2,4-D	8.451	8.356	8.556	727.900	705.000	3.2
2,4-DCAA	7.320	7.225	7.425	669.120	750.000	-10.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.926	9.829	10.029	666.400	712.500	-6.5
2,4-D	9.022	8.924	9.124	695.080	705.000	-1.4
2,4-DCAA	7.764	7.666	7.866	688.880	750.000	-8.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 03:54 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 03:54 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031252.D **Time Analyzed:** 03:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.336	9.242	9.442	649.880	712.500	-8.8
2,4-D	8.452	8.356	8.556	681.610	705.000	-3.3
2,4-DCAA	7.321	7.225	7.425	622.120	750.000	-17.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031252.D **Time Analyzed:** 03:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.928	9.829	10.029	653.600	712.500	-8.3
2,4-D	9.024	8.924	9.124	678.870	705.000	-3.7
2,4-DCAA	7.766	7.666	7.866	682.020	750.000	-9.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 07:07 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 07:07 **Initial Calibration Time(s):** 15:02 16:39

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/25/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031260.D **Time Analyzed:** 07:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.337	9.242	9.442	720.060	712.500	1.1
2,4-D	8.452	8.356	8.556	561.210	705.000	-20.4
2,4-DCAA	7.321	7.225	7.425	474.150	750.000	-36.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/25/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031260.D **Time Analyzed:** 07:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.928	9.829	10.029	680.560	712.500	-4.5
2,4-D	9.024	8.924	9.124	294.610	705.000	-58.2
2,4-DCAA	7.766	7.666	7.866	408.080	750.000	-45.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 09:04 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 09:04 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031304.D **Time Analyzed:** 09:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.321	9.227	9.427	724.450	712.500	1.7
2,4-D	8.440	8.346	8.546	700.000	705.000	-0.7
2,4-DCAA	7.311	7.215	7.415	770.290	750.000	2.7

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031304.D **Time Analyzed:** 09:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.920	9.824	10.024	704.490	712.500	-1.1
2,4-D	9.022	8.925	9.125	682.020	705.000	-3.3
2,4-DCAA	7.762	7.666	7.866	724.830	750.000	-3.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 14:01 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 14:01 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031316.D **Time Analyzed:** 14:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.318	9.227	9.427	746.630	712.500	4.8
2,4-D	8.440	8.346	8.546	737.630	705.000	4.6
2,4-DCAA	7.309	7.215	7.415	786.700	750.000	4.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031316.D **Time Analyzed:** 14:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.919	9.824	10.024	718.900	712.500	0.9
2,4-D	9.021	8.925	9.125	703.150	705.000	-0.3
2,4-DCAA	7.762	7.666	7.866	739.620	750.000	-1.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 16:26 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 16:26 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031321.D **Time Analyzed:** 16:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.318	9.227	9.427	748.330	712.500	5.0
2,4-D	8.439	8.346	8.546	728.020	705.000	3.3
2,4-DCAA	7.309	7.215	7.415	782.490	750.000	4.3

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031321.D **Time Analyzed:** 16:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.918	9.824	10.024	728.640	712.500	2.3
2,4-D	9.020	8.925	9.125	699.480	705.000	-0.8
2,4-DCAA	7.762	7.666	7.866	735.070	750.000	-2.0

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

Analytical Sequence

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Project: CC2-16 Analytical **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	07/21/2025	14:38	PS031156.D	7.33	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.33	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.33	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.33	0.00
I.BLK	I.BLK	07/24/2025	17:27	PS031232.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.32	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.32	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.32	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.32	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.32	0.00
PB168969TB	PB168969TB	07/24/2025	21:53	PS031241.D	7.32	0.00
I.BLK	I.BLK	07/24/2025	22:17	PS031242.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.32	0.00
CC0627-AOXL	Q2481-15	07/25/2025	00:17	PS031245.D	7.32	0.00
CC0627-CLOXAL	Q2481-19	07/25/2025	01:29	PS031248.D	7.28	0.00
CC0627-SFBL	Q2481-21	07/25/2025	01:53	PS031249.D	7.32	0.00
I.BLK	I.BLK	07/25/2025	02:42	PS031251.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	03:54	PS031252.D	7.32	0.00
CC0627-CLOXPL	Q2481-13	07/25/2025	04:18	PS031253.D	7.34	0.00
CC0625-OXBL	Q2481-14	07/25/2025	04:43	PS031254.D	7.35	0.00
CC0625-NL	Q2481-16	07/25/2025	05:07	PS031255.D	7.34	0.00
CC0267-OXPL	Q2481-17	07/25/2025	05:31	PS031256.D	7.31	0.00
CC0627-BL	Q2481-20	07/25/2025	06:19	PS031258.D	7.34	0.00
I.BLK	I.BLK	07/25/2025	06:43	PS031259.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	07:07	PS031260.D	7.32	0.00
I.BLK	I.BLK	07/29/2025	16:06	PS031274.D	7.32	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.32	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.32	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.32	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.32	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.32	0.00
I.BLK	I.BLK	07/30/2025	13:37	PS031315.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	14:01	PS031316.D	7.31	0.00
CC0627-AL	Q2481-12	07/30/2025	14:25	PS031317.D	7.31	0.00
CC0627-OXL	Q2481-18	07/30/2025	14:49	PS031318.D	7.30	0.00
I.BLK	I.BLK	07/30/2025	16:02	PS031320.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	16:26	PS031321.D	7.31	0.00

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

Analytical Sequence

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Project: CC2-16 Analytical **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	07/21/2025	14:38	PS031156.D	7.77	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.77	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.77	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.77	0.00
I.BLK	I.BLK	07/24/2025	17:27	PS031232.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.76	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.76	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.76	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.76	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.76	0.00
PB168969TB	PB168969TB	07/24/2025	21:53	PS031241.D	7.76	0.00
I.BLK	I.BLK	07/24/2025	22:17	PS031242.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.76	0.00
CC0627-AOXL	Q2481-15	07/25/2025	00:17	PS031245.D	7.76	0.00
CC0627-CLOXAL	Q2481-19	07/25/2025	01:29	PS031248.D	7.75	0.00
CC0627-SFBL	Q2481-21	07/25/2025	01:53	PS031249.D	7.76	0.00
I.BLK	I.BLK	07/25/2025	02:42	PS031251.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	03:54	PS031252.D	7.77	0.00
CC0627-CLOXPL	Q2481-13	07/25/2025	04:18	PS031253.D	7.78	0.00
CC0625-OXBL	Q2481-14	07/25/2025	04:43	PS031254.D	7.79	0.00
CC0625-NL	Q2481-16	07/25/2025	05:07	PS031255.D	7.79	0.00
CC0267-OXPL	Q2481-17	07/25/2025	05:31	PS031256.D	7.79	0.00
CC0627-BL	Q2481-20	07/25/2025	06:19	PS031258.D	7.79	0.00
I.BLK	I.BLK	07/25/2025	06:43	PS031259.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	07:07	PS031260.D	7.77	0.00
I.BLK	I.BLK	07/29/2025	16:06	PS031274.D	7.77	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.77	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.77	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.76	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.76	0.00
I.BLK	I.BLK	07/30/2025	13:37	PS031315.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	14:01	PS031316.D	7.76	0.00
CC0627-AL	Q2481-12	07/30/2025	14:25	PS031317.D	7.76	0.00
CC0627-OXL	Q2481-18	07/30/2025	14:49	PS031318.D	7.77	0.00
I.BLK	I.BLK	07/30/2025	16:02	PS031320.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	16:26	PS031321.D	7.76	0.00

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MS

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: Q2641-02MS **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.45	8.40	8.50	80.3	7.1
	2	9.02	8.97	9.07	86.2	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	77.7	1.3
	2	9.93	9.88	9.98	76.7	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MSD

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: Q2641-02MSD **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.45	8.40	8.50	76.2	6
	2	9.02	8.97	9.07	80.9	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	73.8	1.5
	2	9.93	9.88	9.98	72.7	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169001BS

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: PB169001BS **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	5.60	5.5
	2	9.93	9.88	9.98	5.30	
2,4-D	1	8.45	8.40	8.50	6.00	8.7
	2	9.02	8.97	9.07	5.50	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:53
Operator : AR\AJ
Sample : PB168969TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168969TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:46:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.318	7.763	2451.9E6	502.7E6	563.874	495.328
	Target Compounds						

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

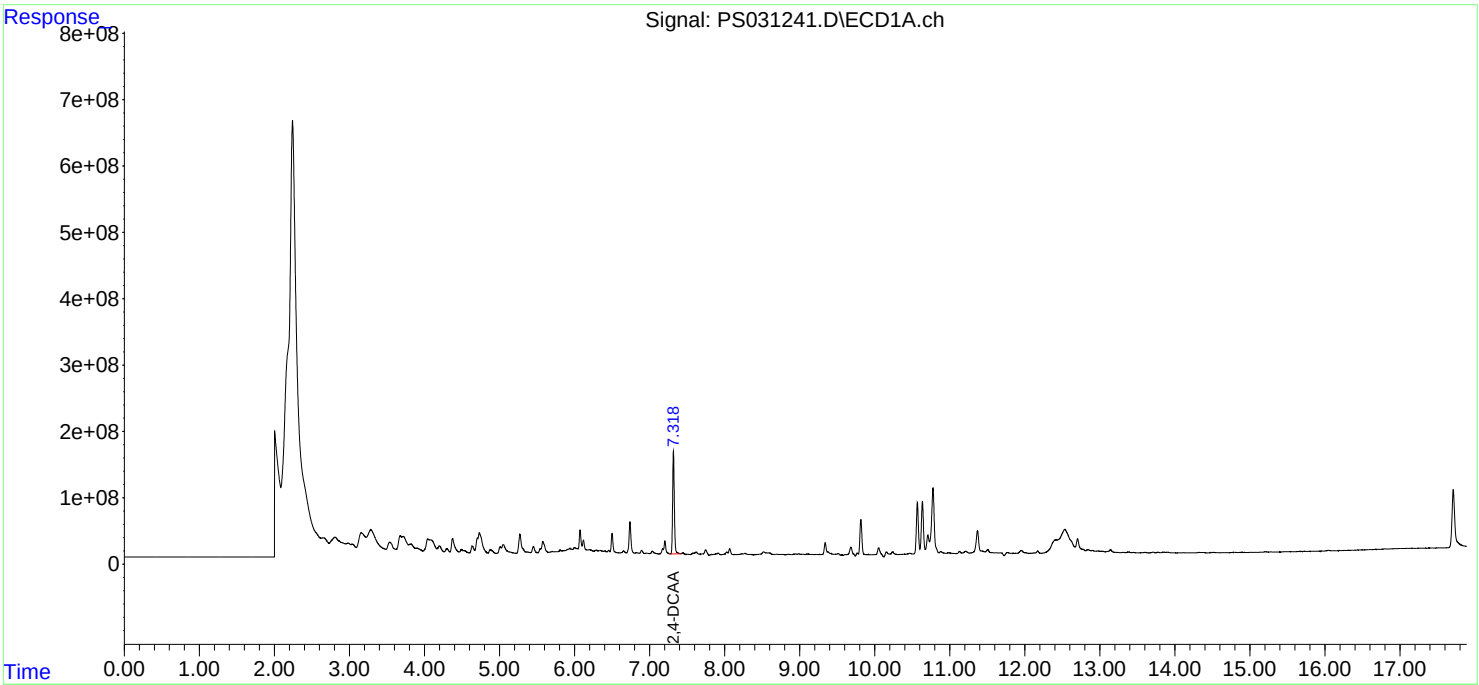
Sample Results: **PS031241.D**

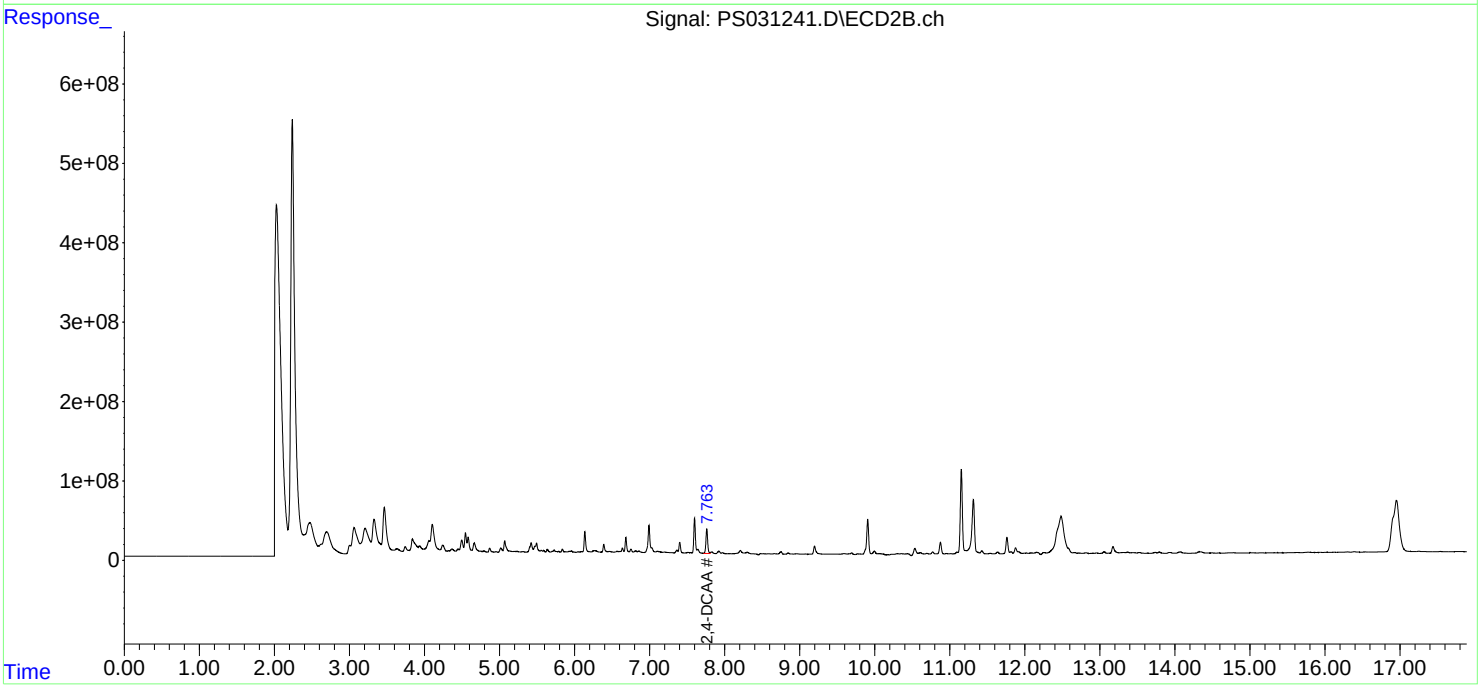
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:53
Operator : AR\AJ
Sample : PB168969TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

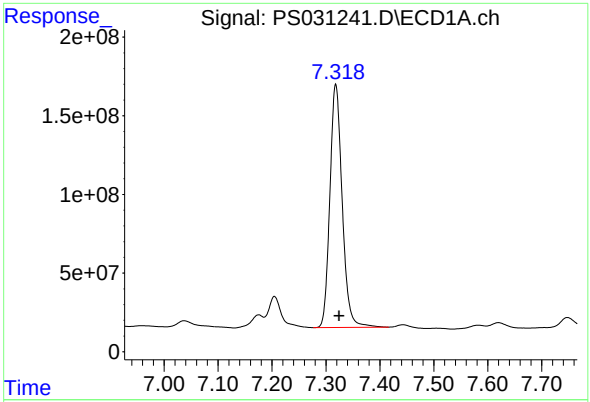
Instrument :
ECD_S
ClientSampleId :
PB168969TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:46:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



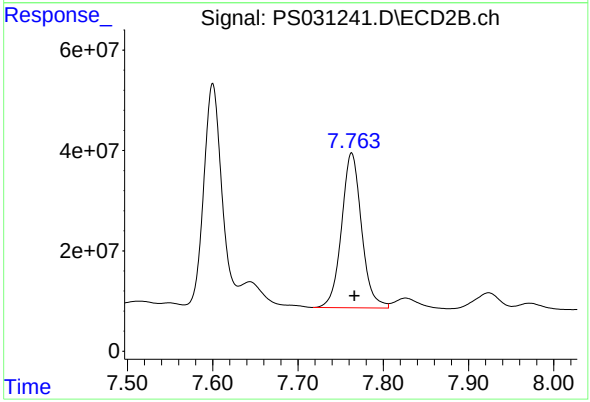




#4 2,4-DCAA

R.T.: 7.318 min
Delta R.T.: -0.006 min
Response: 2451868735
Conc: 563.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168969TB



#4 2,4-DCAA

R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 502742234
Conc: 495.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
Data File : PS031317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 14:25
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:41:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.310	7.761	1163.7E6	372.8E6	399.439	446.472
	Target Compounds						

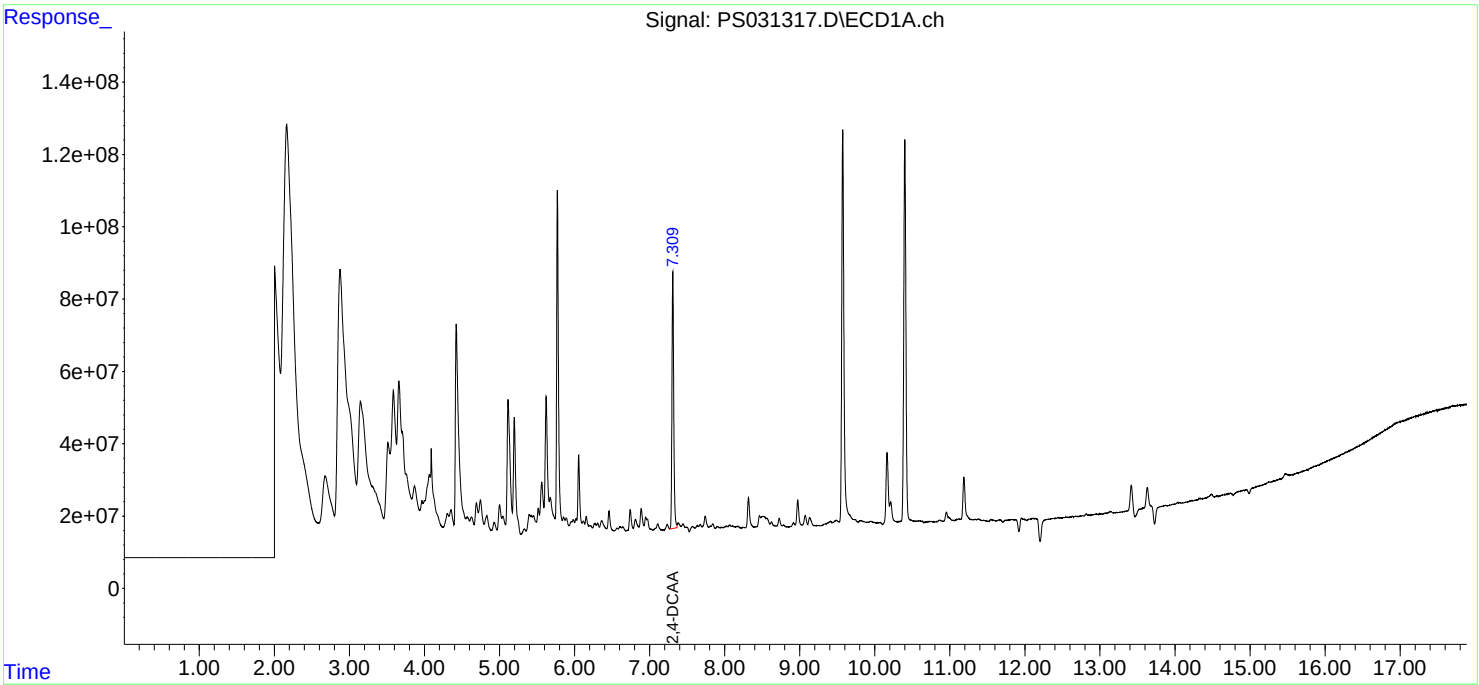
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

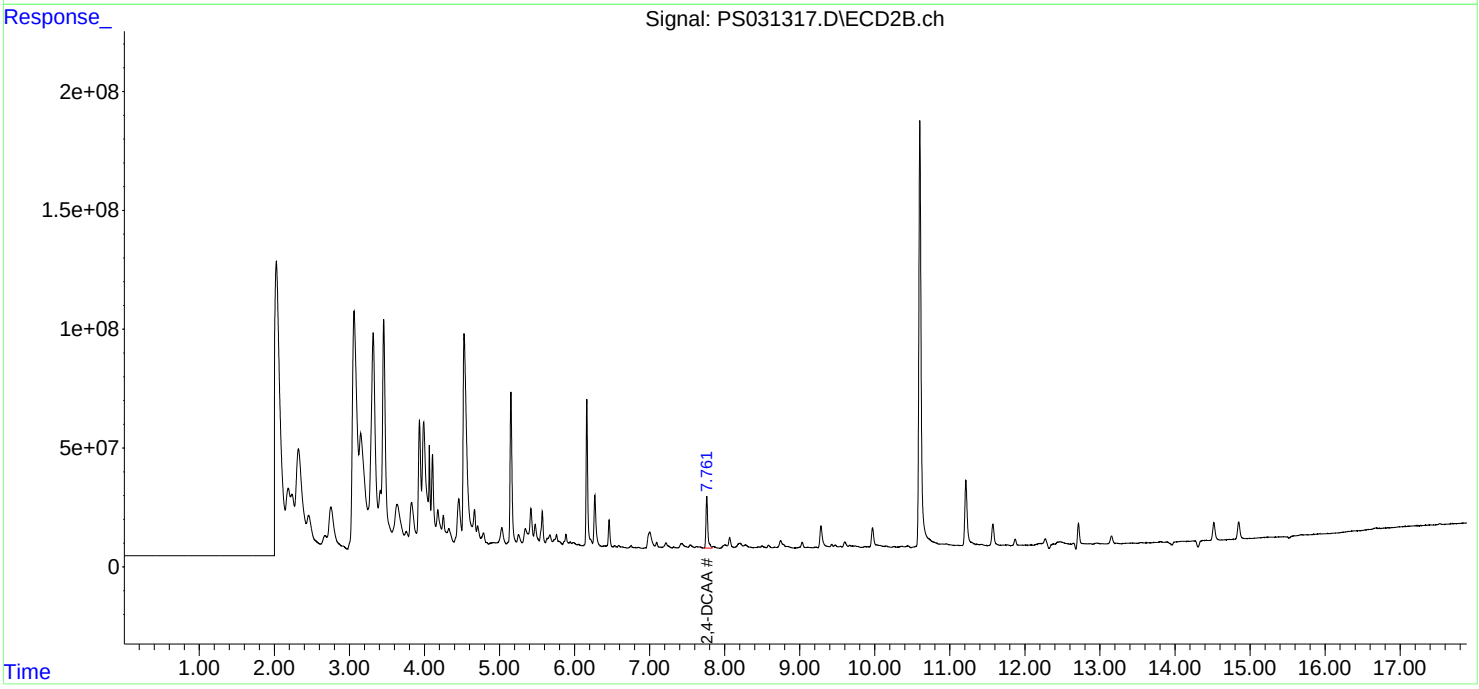
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
Data File : PS031317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 14:25
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

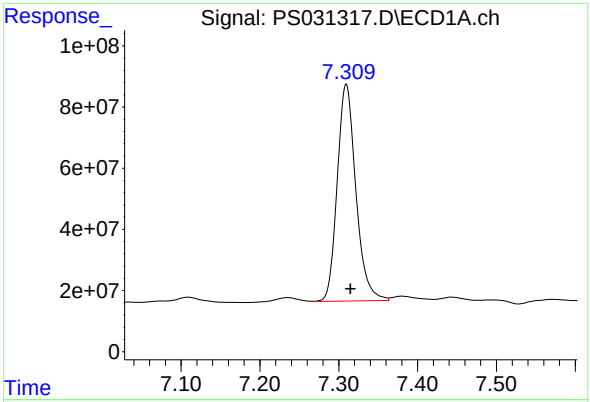
Instrument :
ECD_S
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:41:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm



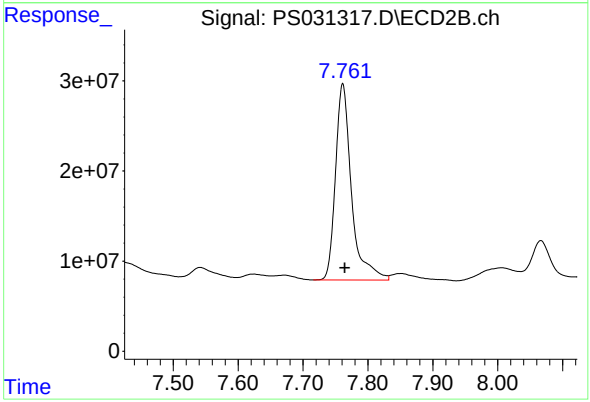




#4 2,4-DCAA

R.T.: 7.310 min
Delta R.T.: -0.005 min
Response: 1163728515
Conc: 399.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-AL



#4 2,4-DCAA

R.T.: 7.761 min
Delta R.T.: -0.003 min
Response: 372840553
Conc: 446.47 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:18
Operator : AR\AJ
Sample : Q2481-13 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:10:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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

Target Compounds

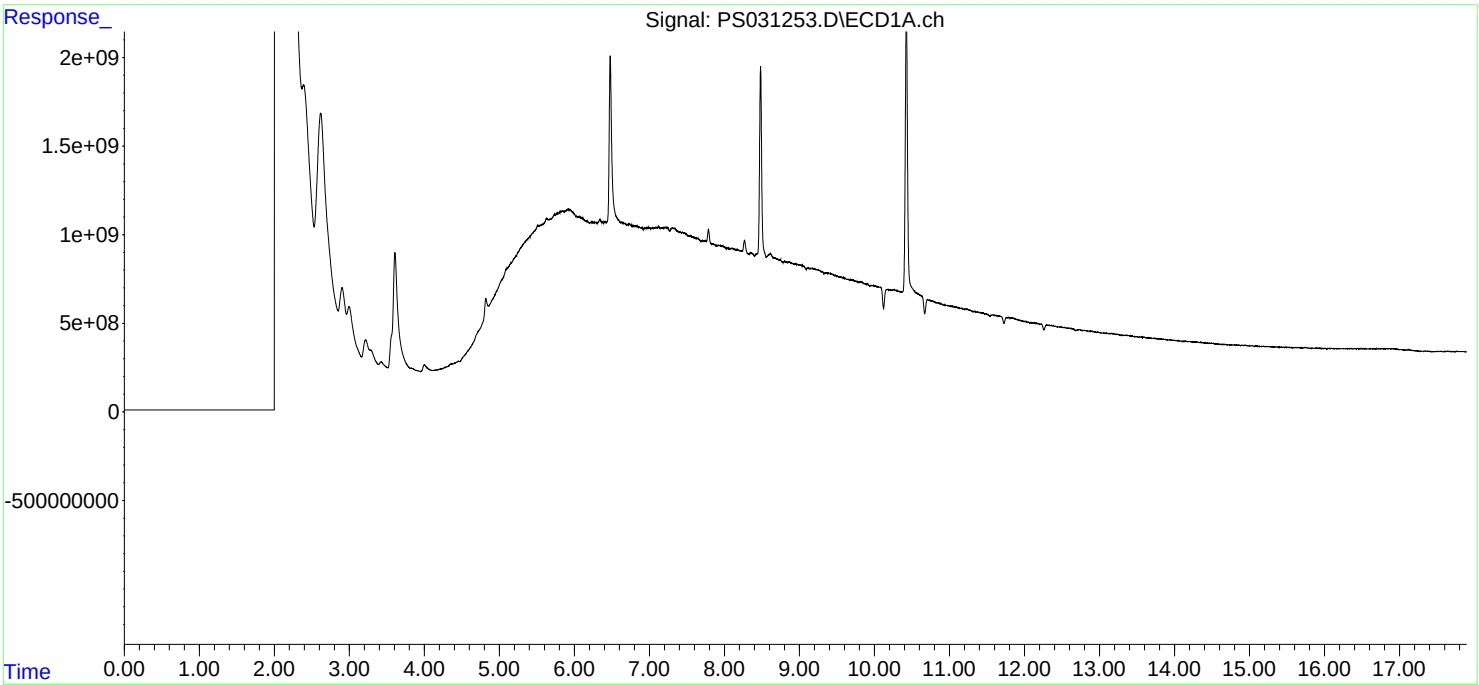
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

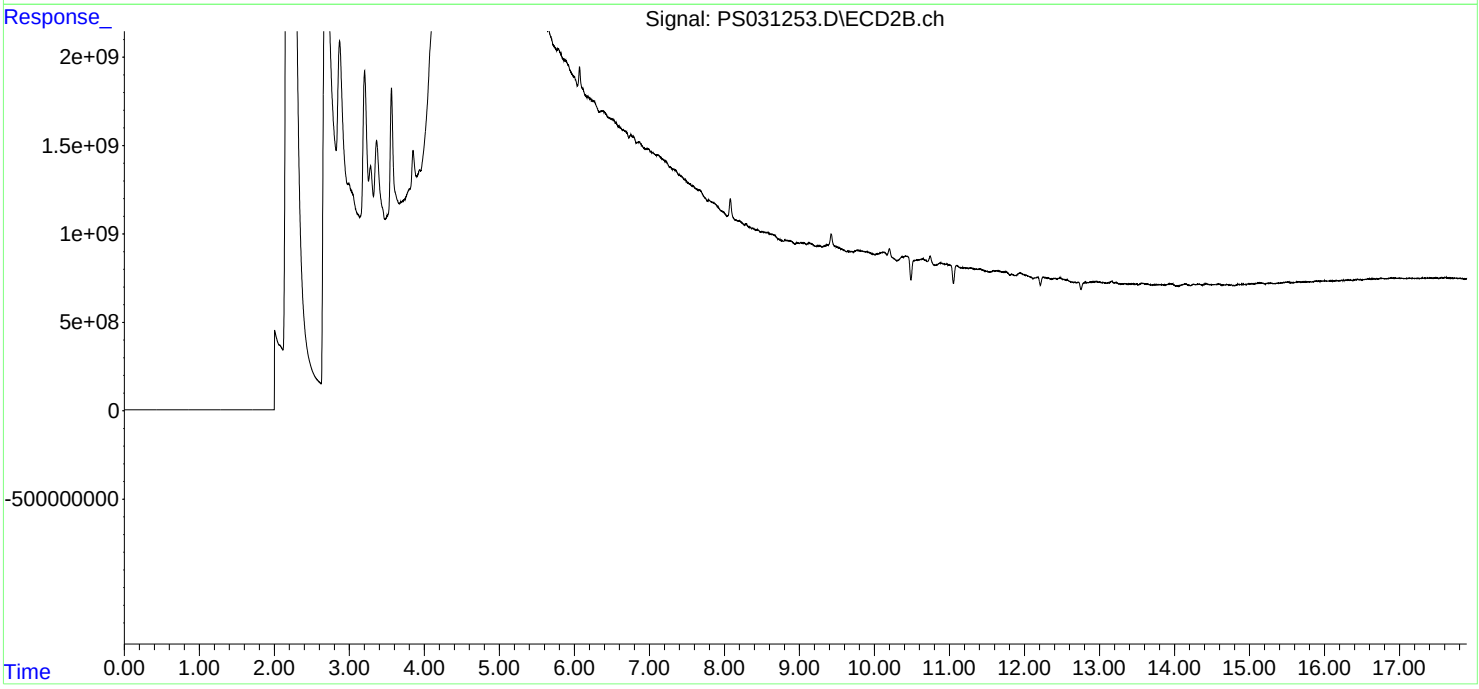
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:18
Operator : AR\AJ
Sample : Q2481-13 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

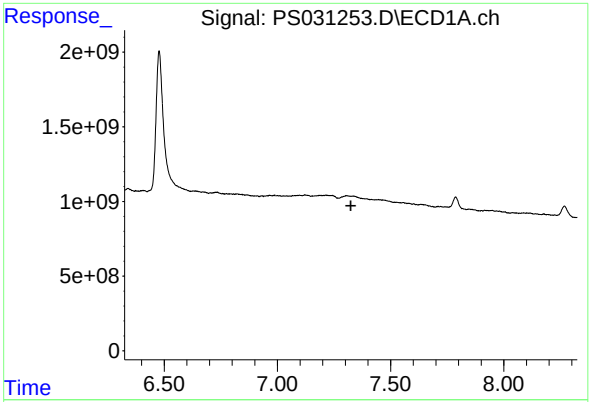
Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:10:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



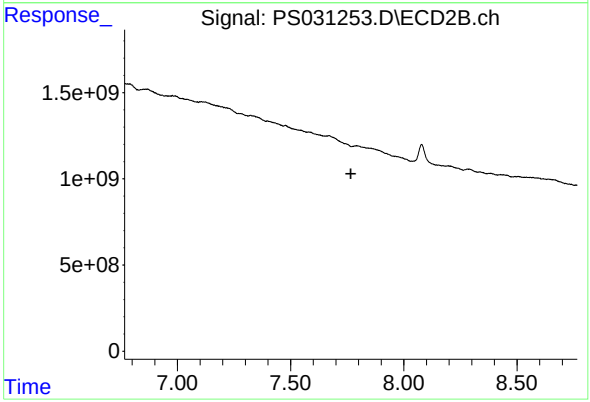




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXPL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:43
Operator : AR\AJ
Sample : Q2481-14 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0625-OXBL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:11:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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

Target Compounds

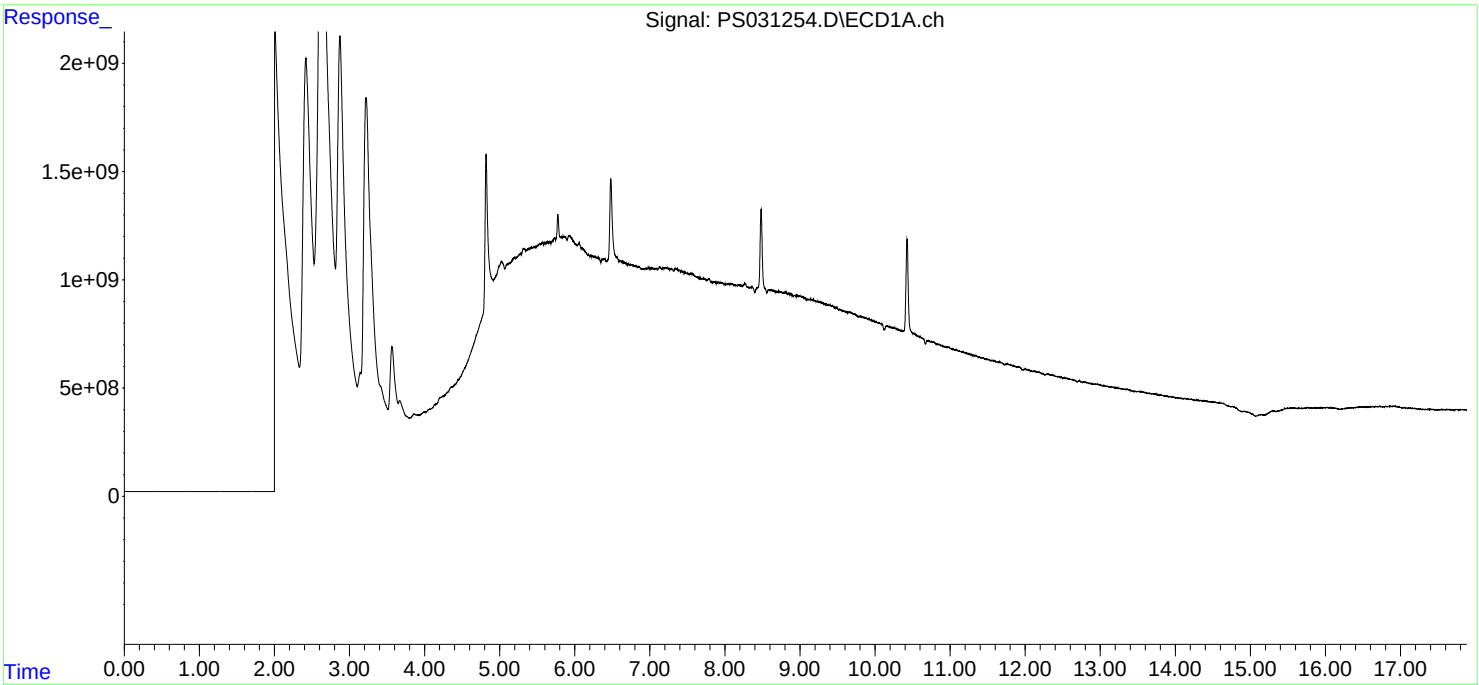
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

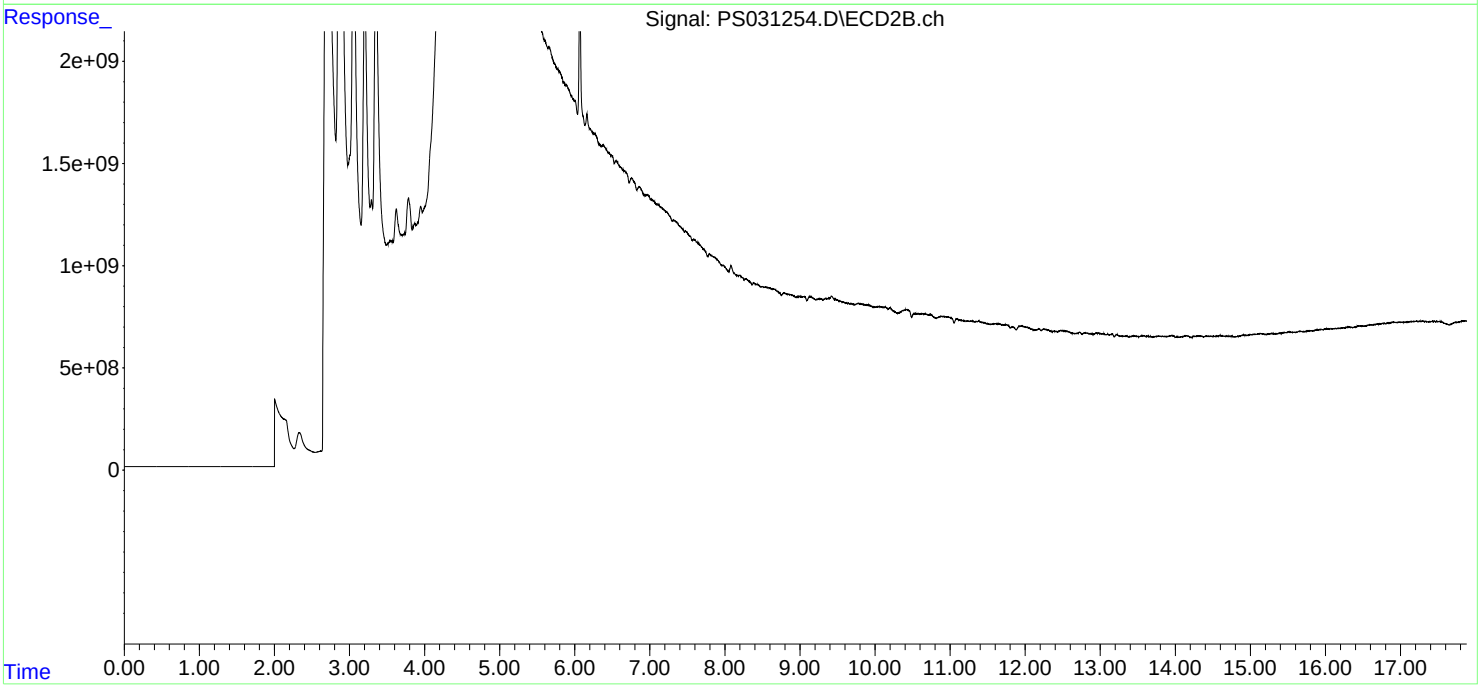
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:43
Operator : AR\AJ
Sample : Q2481-14 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

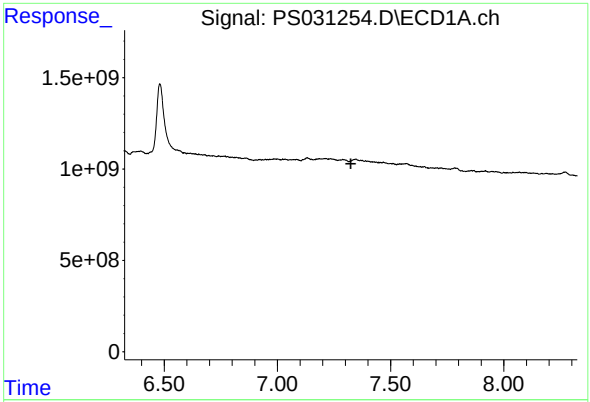
Instrument :
ECD_S
ClientSampleId :
CC0625-OXBL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:11:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



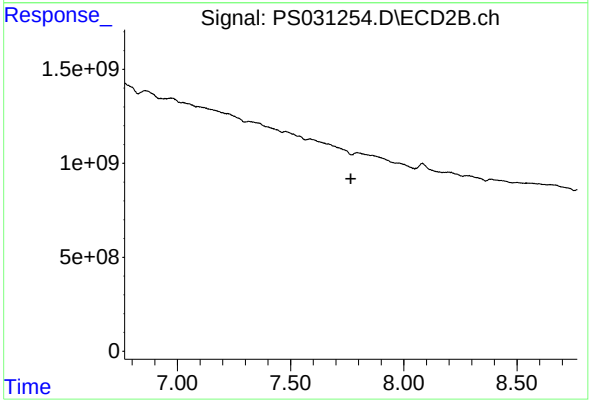




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0625-OXBL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 00:17
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-AOXL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.319	7.763	1731.3E6	562.6E6	398.169	554.293m#
	Target Compounds						

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

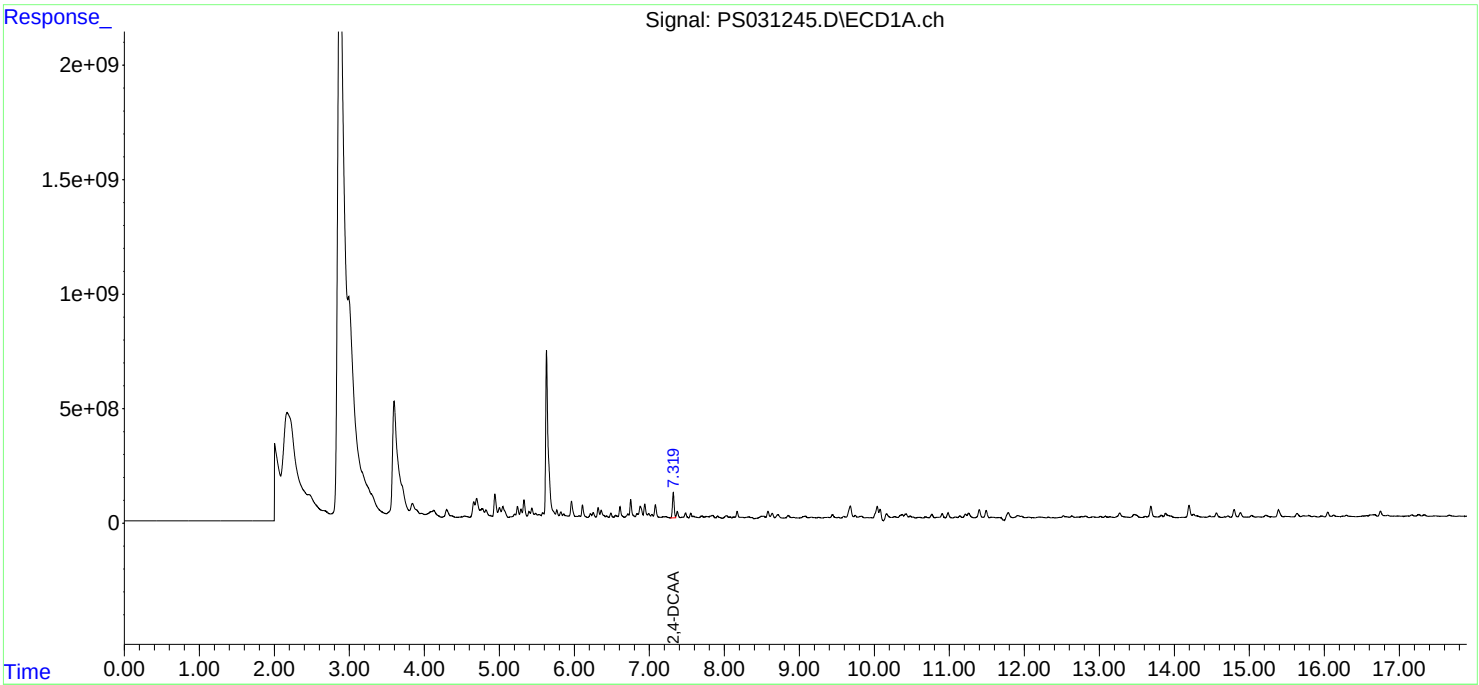
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 00:17
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

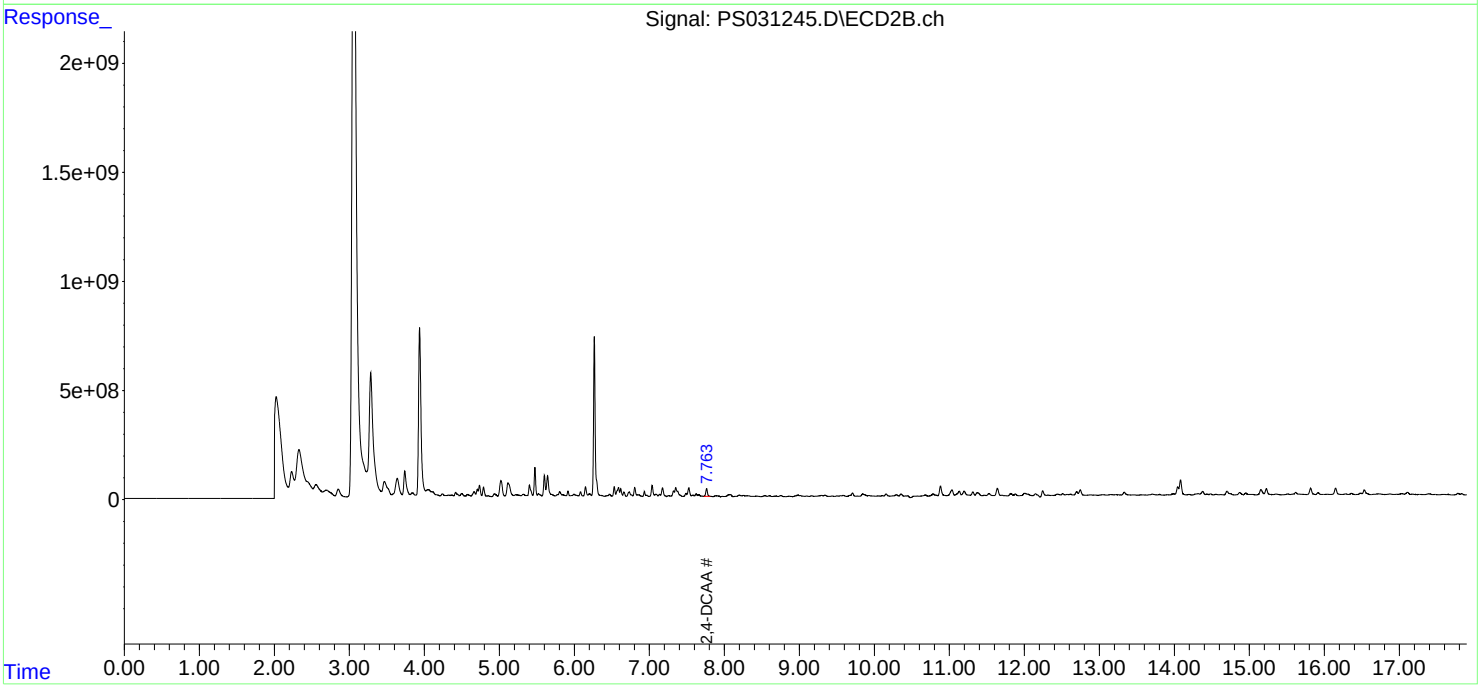
Instrument :
ECD_S
ClientSampleId :
CC0627-AOXL

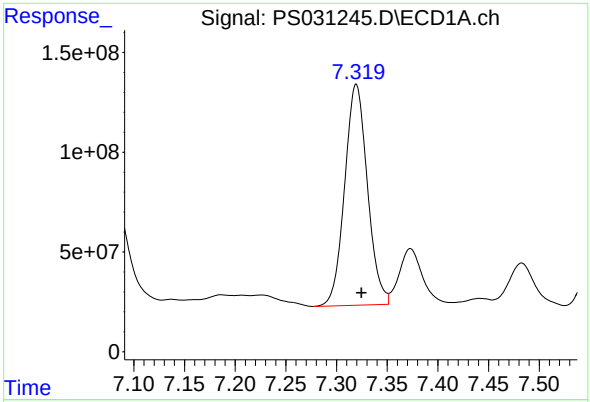
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







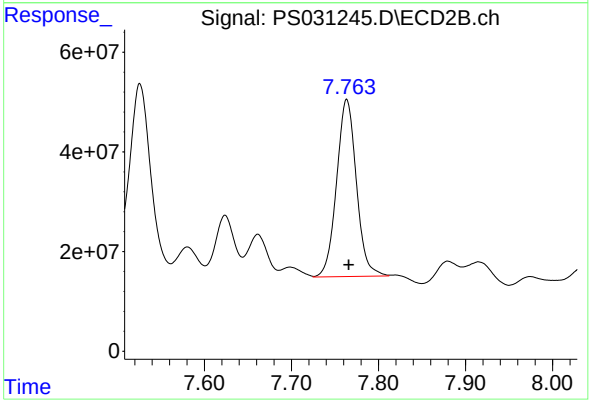
#4 2,4-DCAA

R.T.: 7.319 min
Delta R.T.: -0.005 min
Response: 1731339920
Conc: 398.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-AOXL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025



#4 2,4-DCAA

R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 562590080
Conc: 554.29 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:07
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0625-NL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:12:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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

Target Compounds

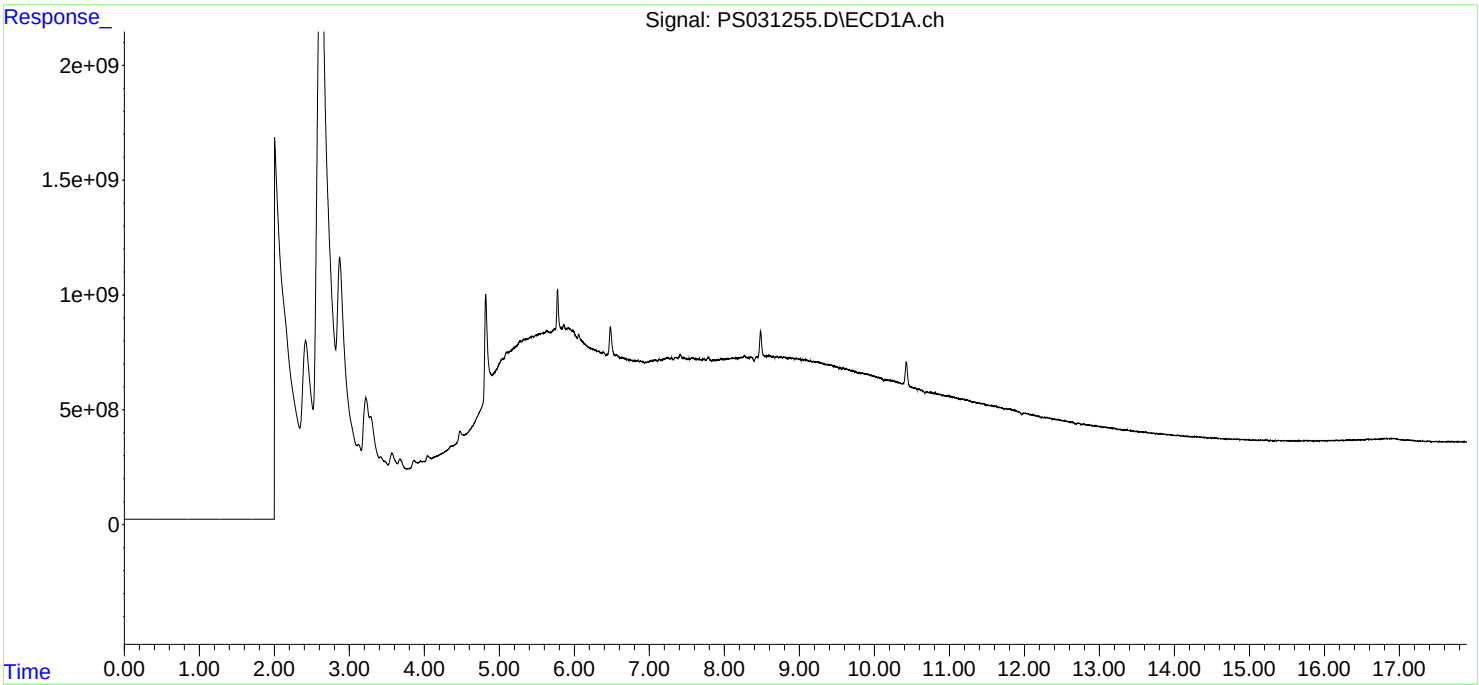
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

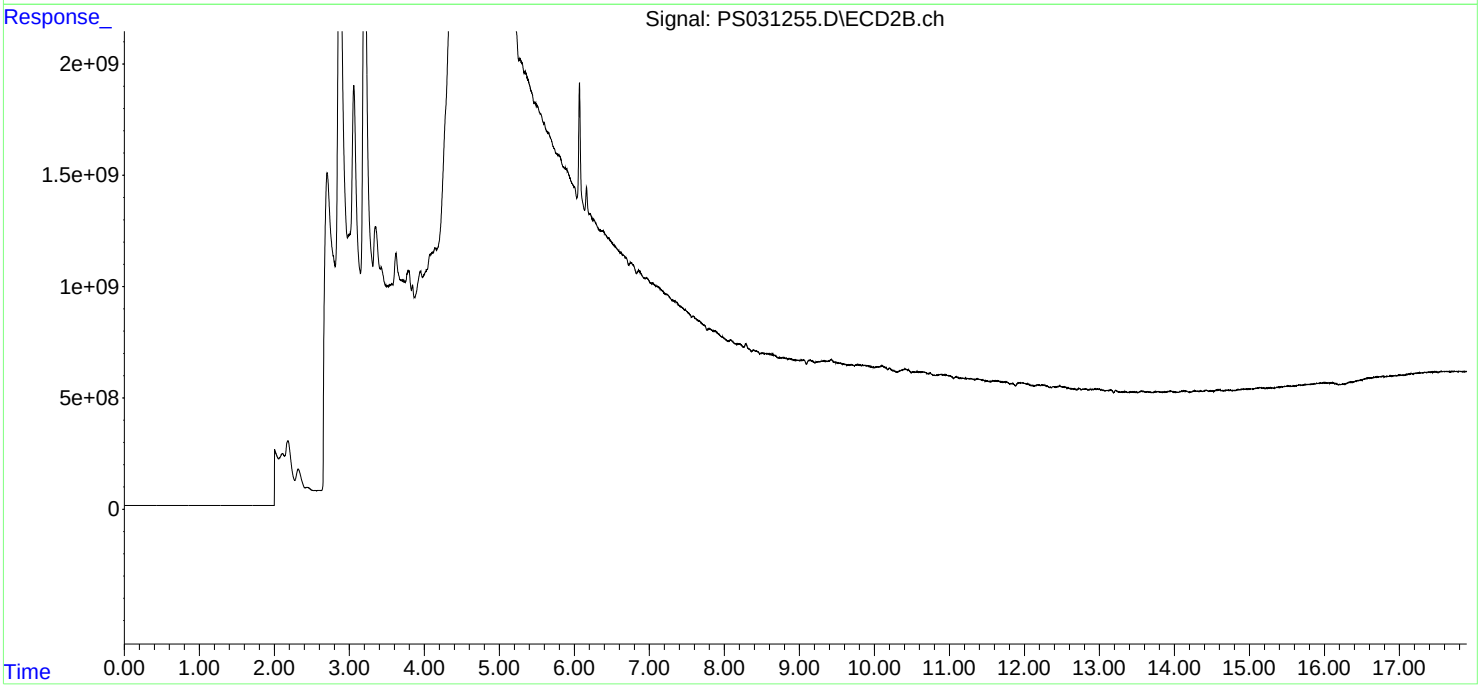
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:07
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

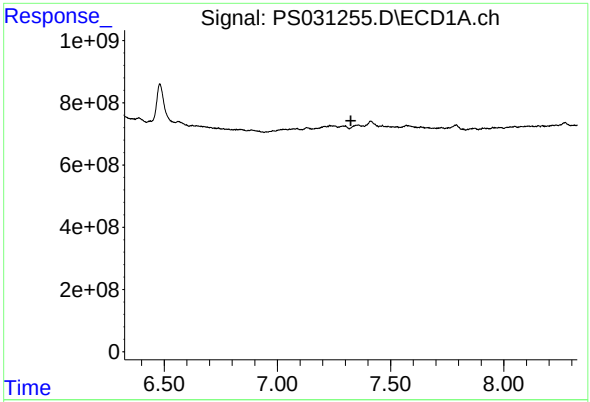
Instrument :
ECD_S
ClientSampleId :
CC0625-NL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:12:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



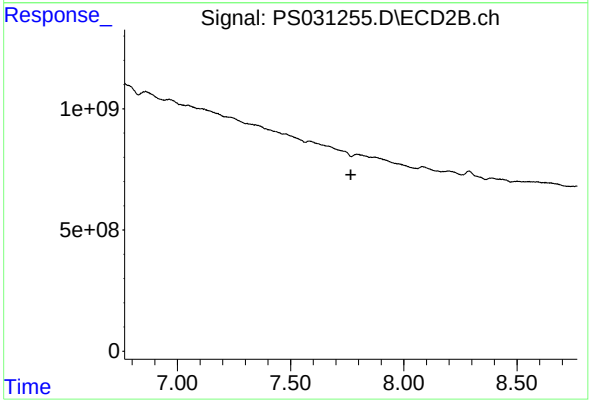




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0625-NL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:31
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0267-OXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:13:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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

Target Compounds

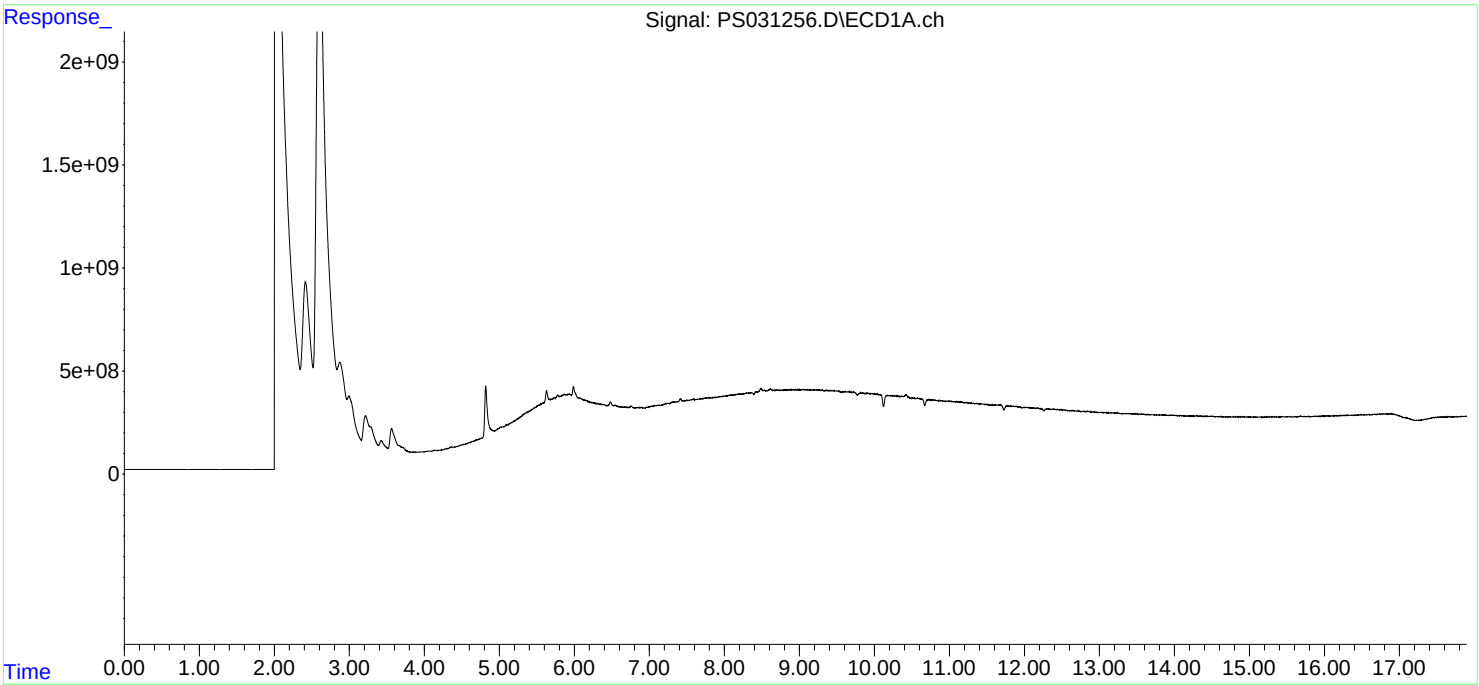
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

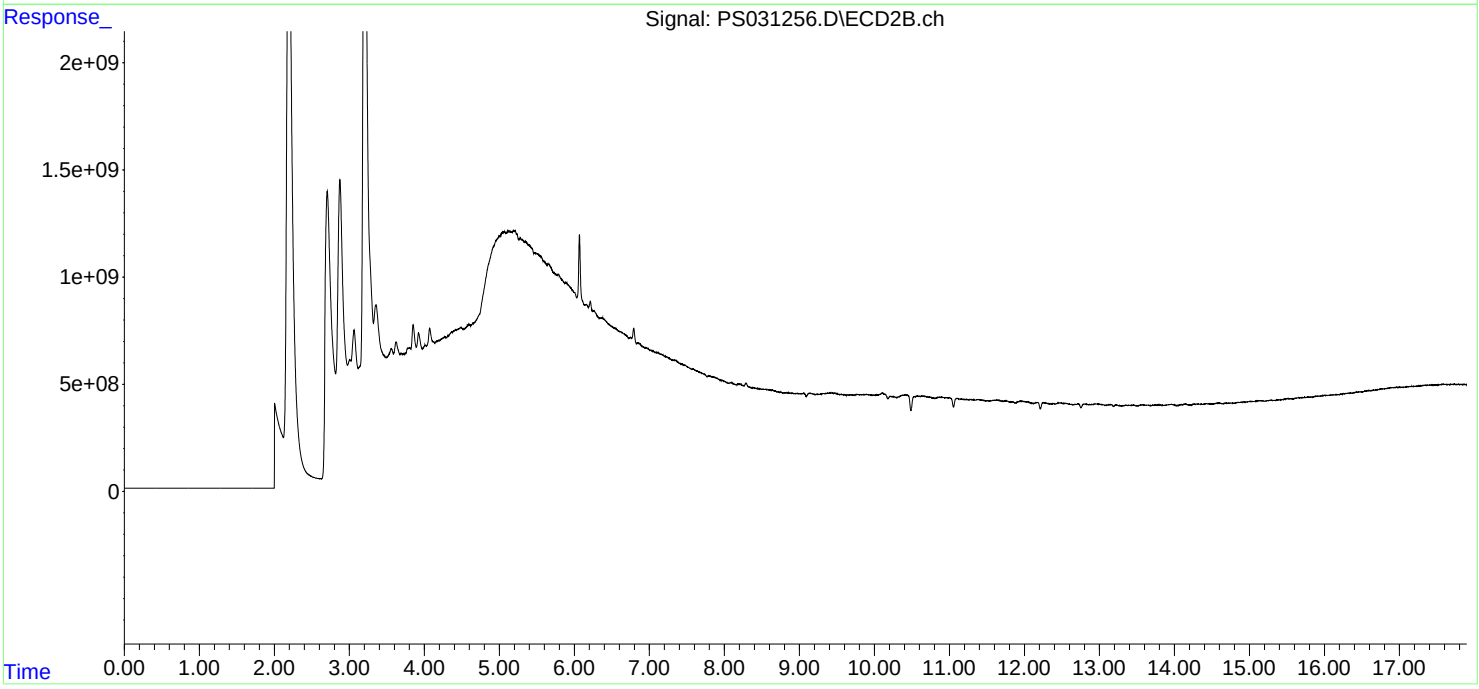
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:31
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

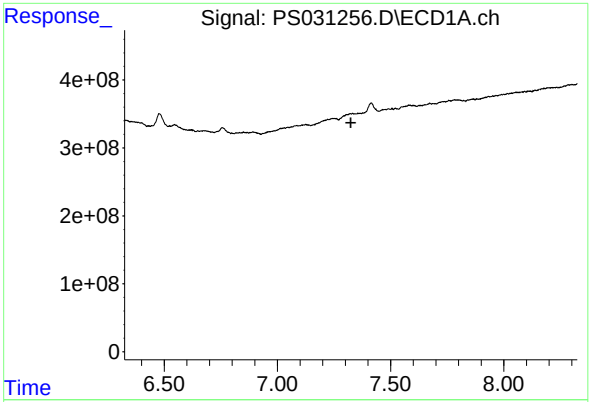
Instrument :
ECD_S
ClientSampleId :
CC0267-OXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:13:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



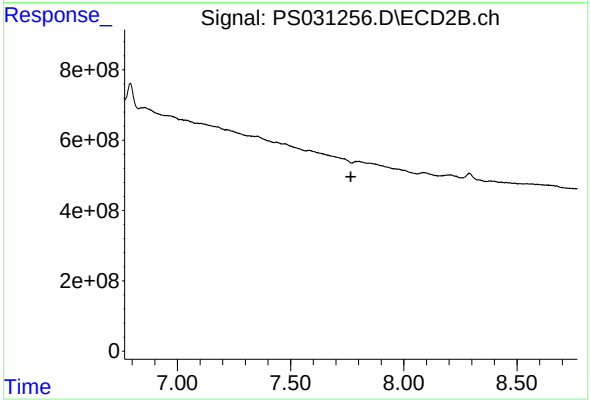




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0267-OXPL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Sample Results: **PS031318.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
Data File : PS031318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2481-18 100X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:42:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.297	7.774	313.7E6	4841002	107.667	5.797m#
	Target Compounds						

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

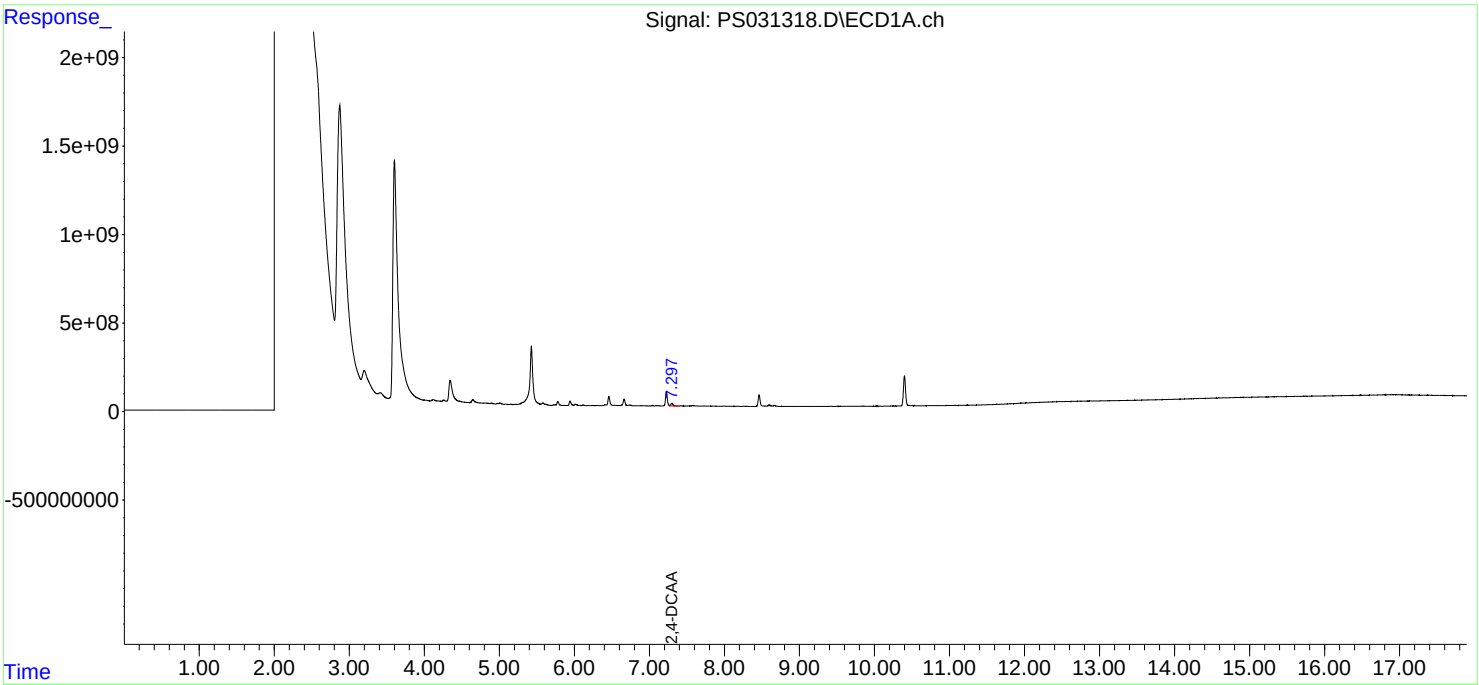
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
Data File : PS031318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2481-18 100X
Misc :
ALS Vial : 13 Sample Multiplier: 1

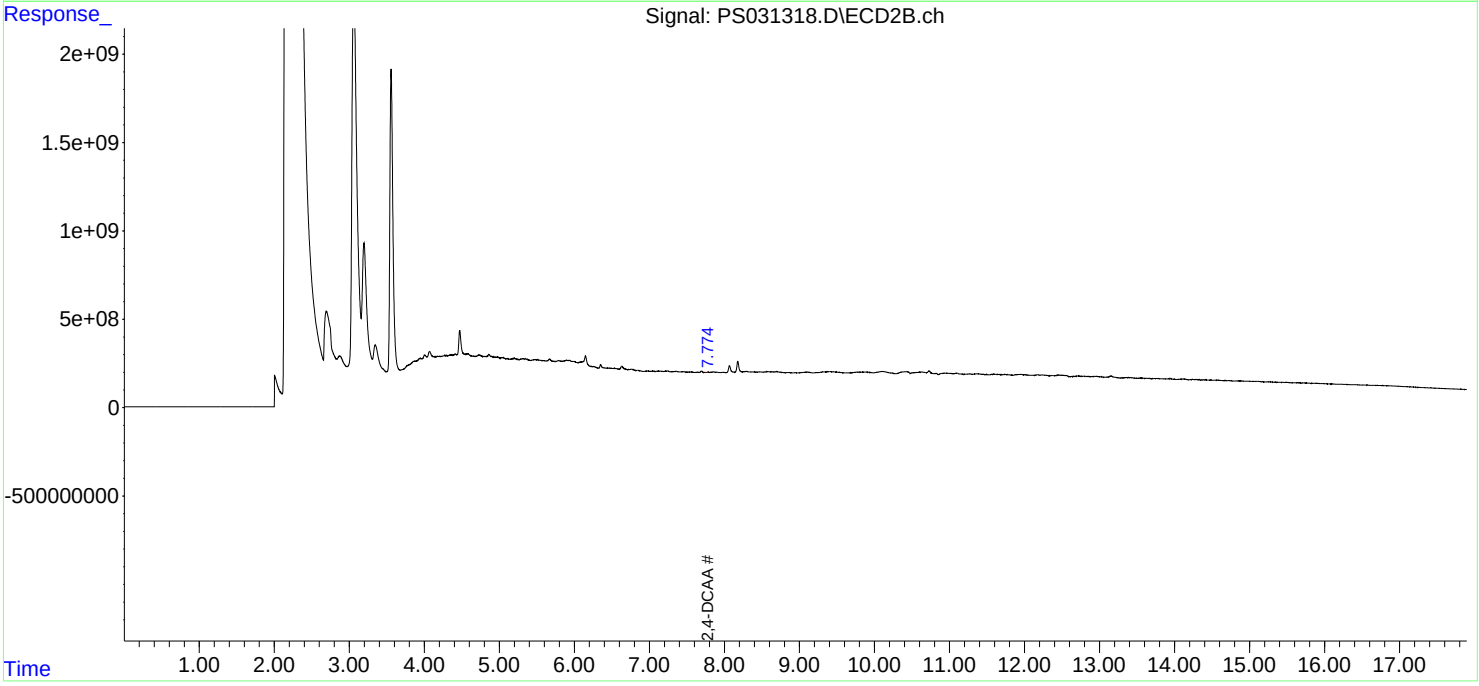
Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

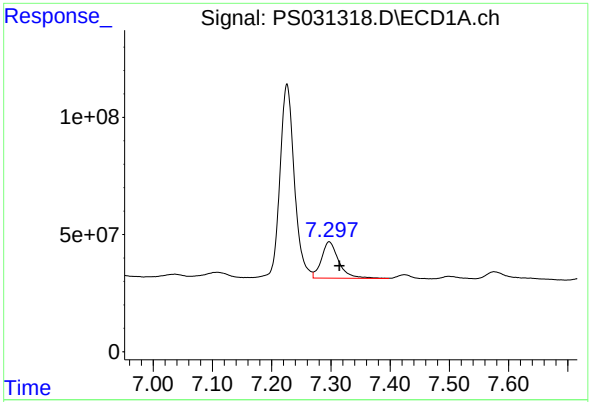
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:42:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







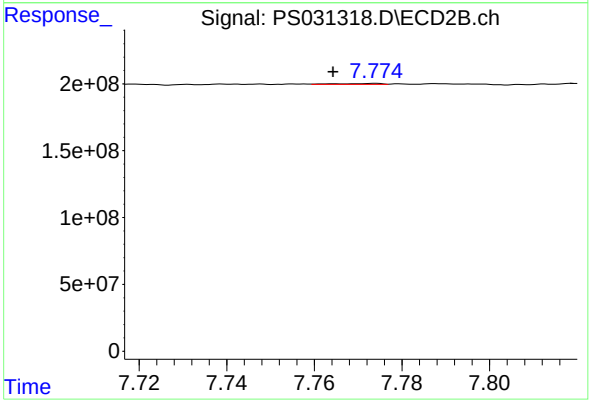
#4 2,4-DCAA

R.T.: 7.297 min
Delta R.T.: -0.018 min
Response: 313676807
Conc: 107.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#4 2,4-DCAA

R.T.: 7.774 min
Delta R.T.: 0.009 min
Response: 4841002
Conc: 5.80 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:29
Operator : AR\AJ
Sample : Q2481-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXAL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.353	7.754	38463876	382.6E6	8.846	376.946 #
	Target Compounds						

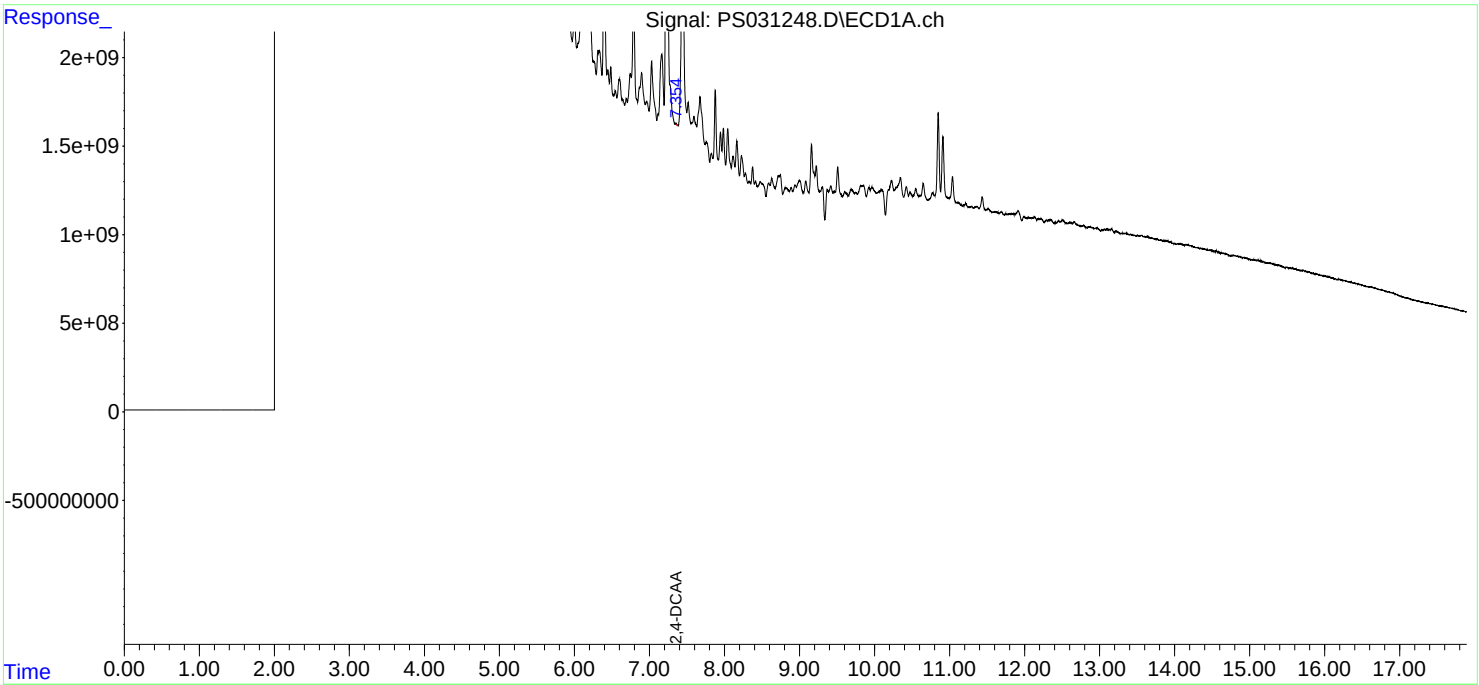
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

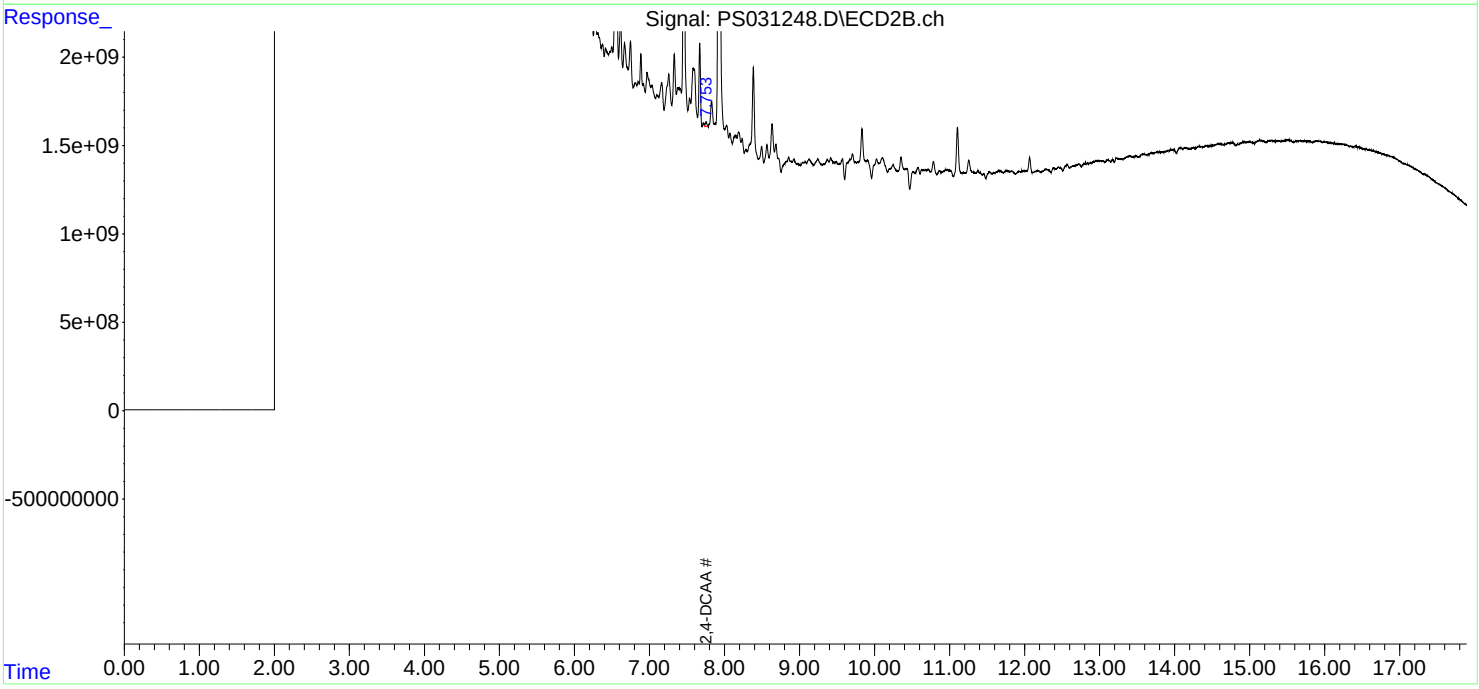
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:29
Operator : AR\AJ
Sample : Q2481-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

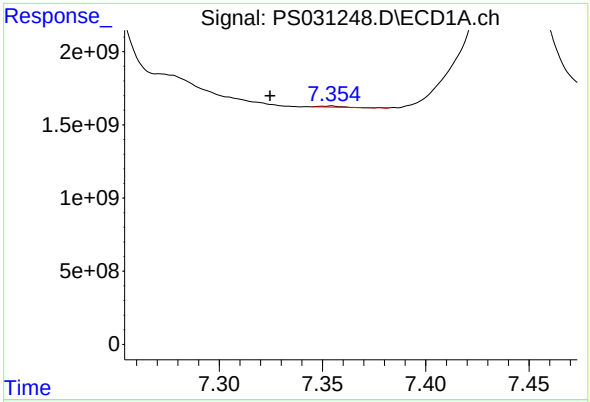
Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXAL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



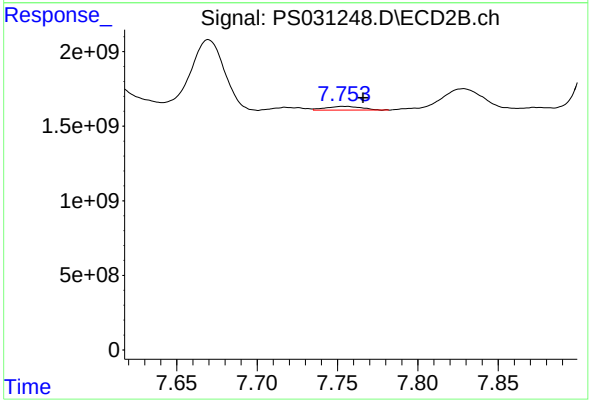




#4 2,4-DCAA

R.T.: 7.353 min
Delta R.T.: 0.029 min
Response: 38463876
Conc: 8.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXAL



#4 2,4-DCAA

R.T.: 7.754 min
Delta R.T.: -0.012 min
Response: 382588553
Conc: 376.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 06:19
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:15:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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

Target Compounds

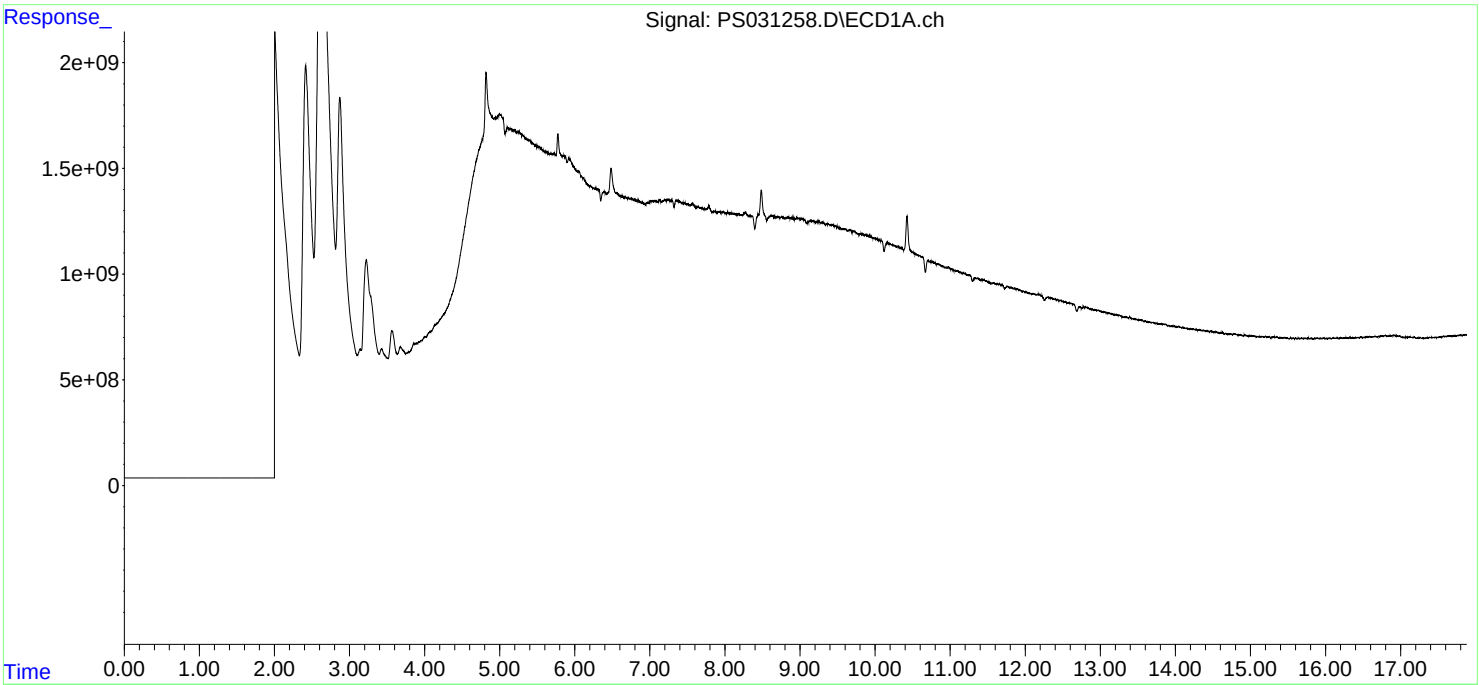
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

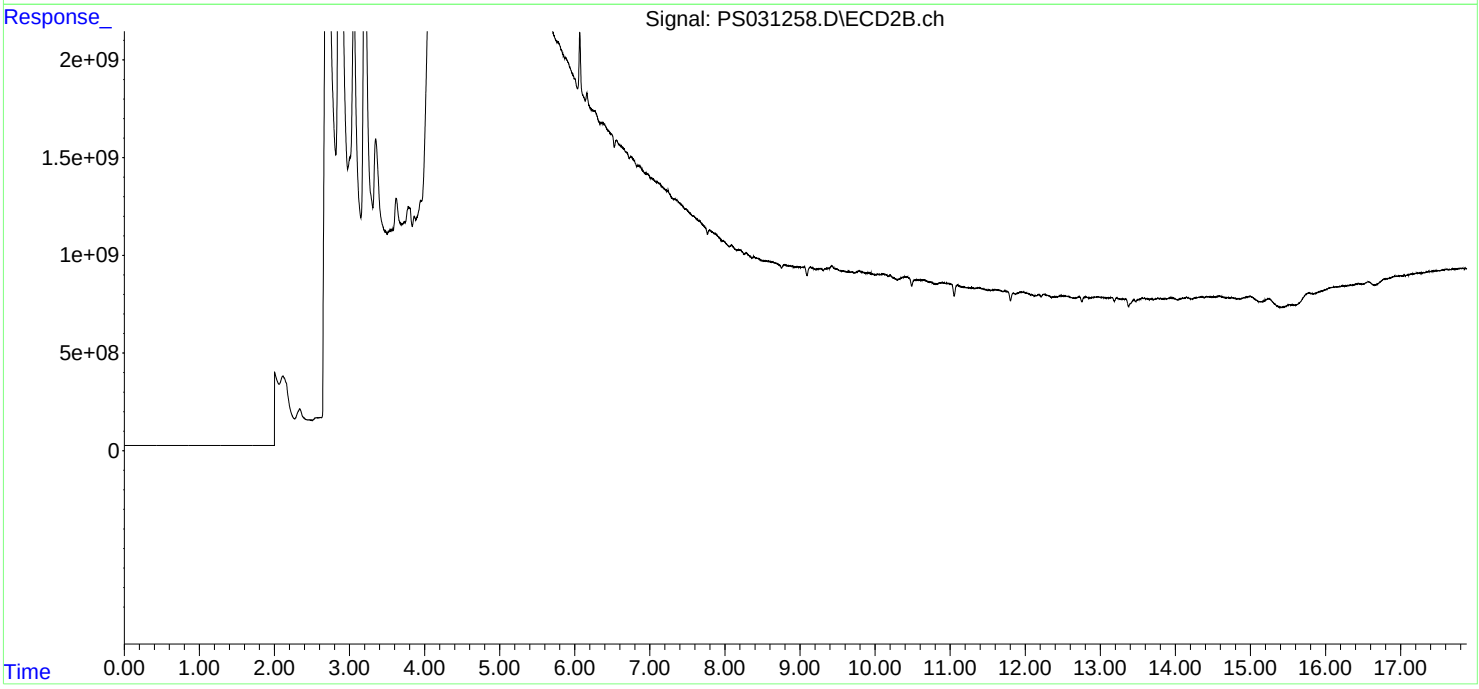
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 06:19
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

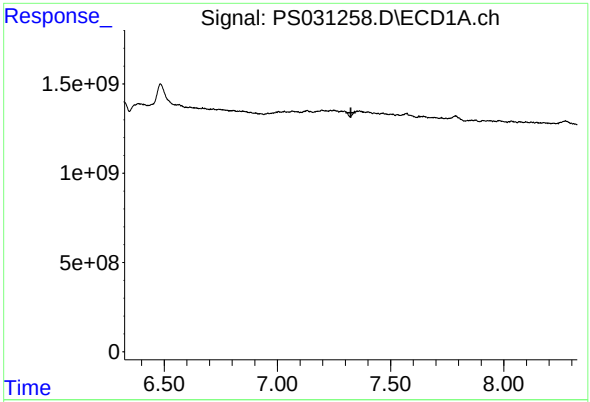
Instrument :
ECD_S
ClientSampleId :
CC0627-BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:15:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



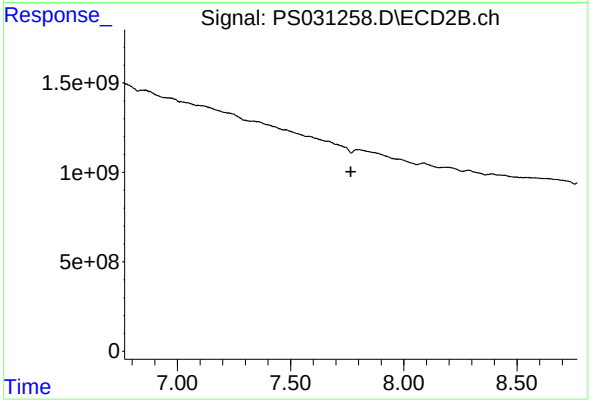




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0627-BL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:53
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-SFBL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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

Target Compounds

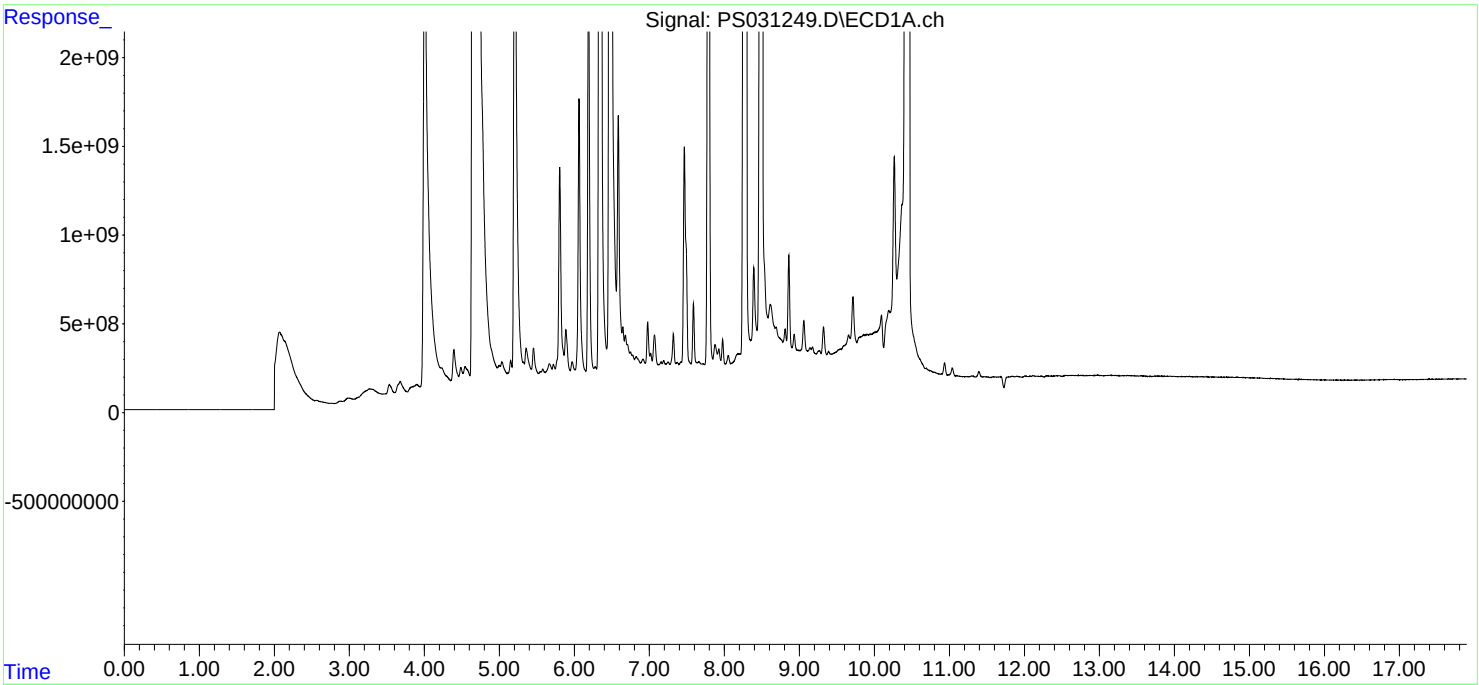
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

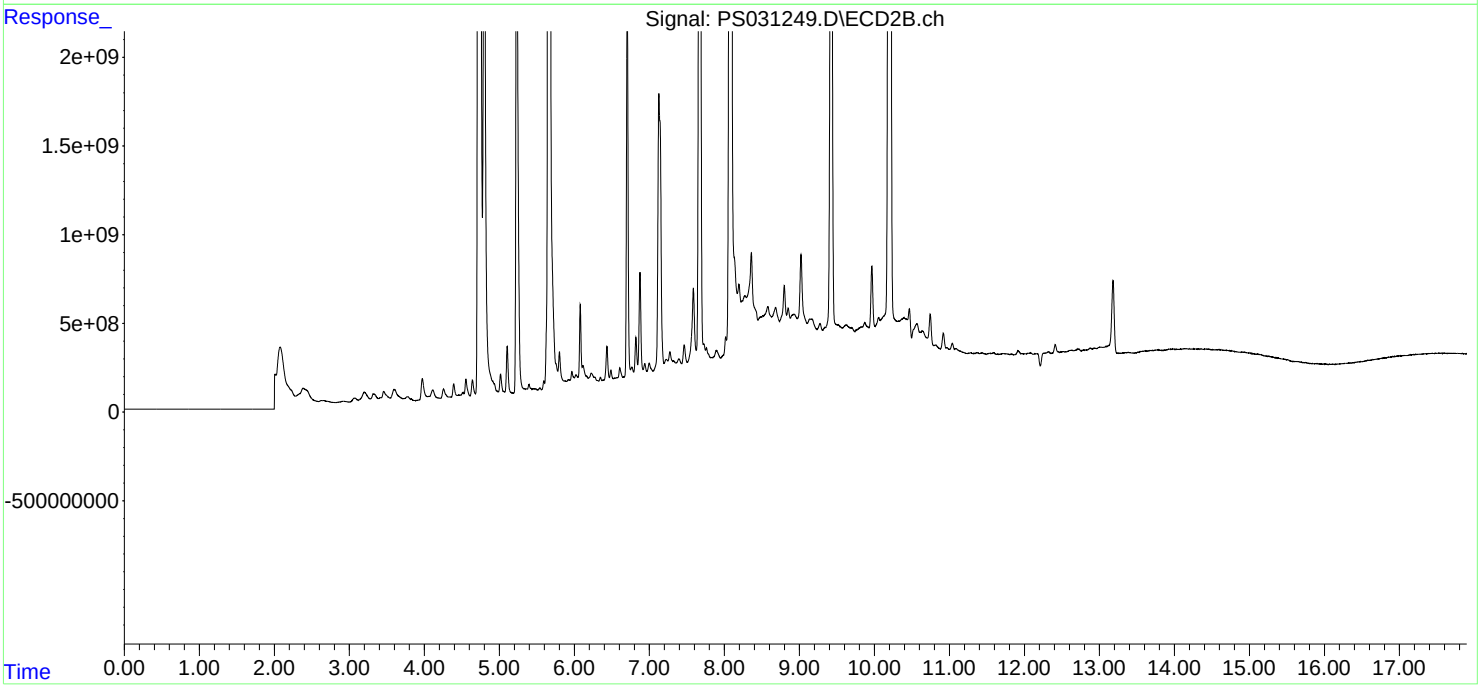
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:53
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

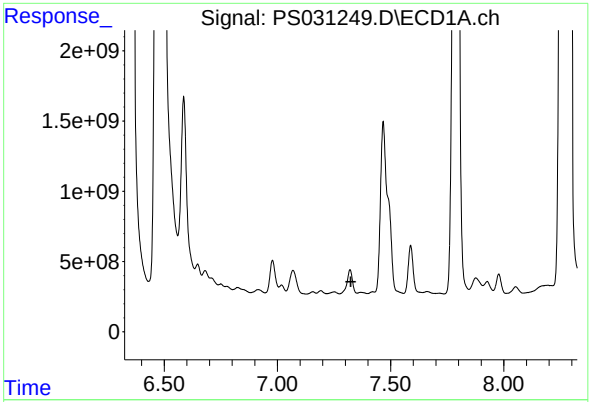
Instrument :
ECD_S
ClientSampleId :
CC0627-SFBL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



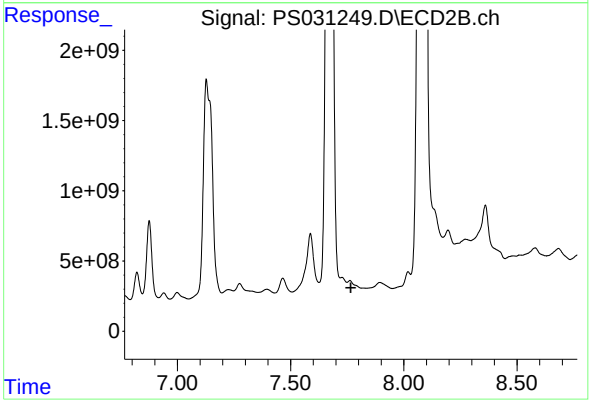




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0627-SFBL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:52
Operator : AR\AJ
Sample : PB169001BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169001BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.320	7.764	1769.9E6	479.9E6	407.037	472.801
	Target Compounds						

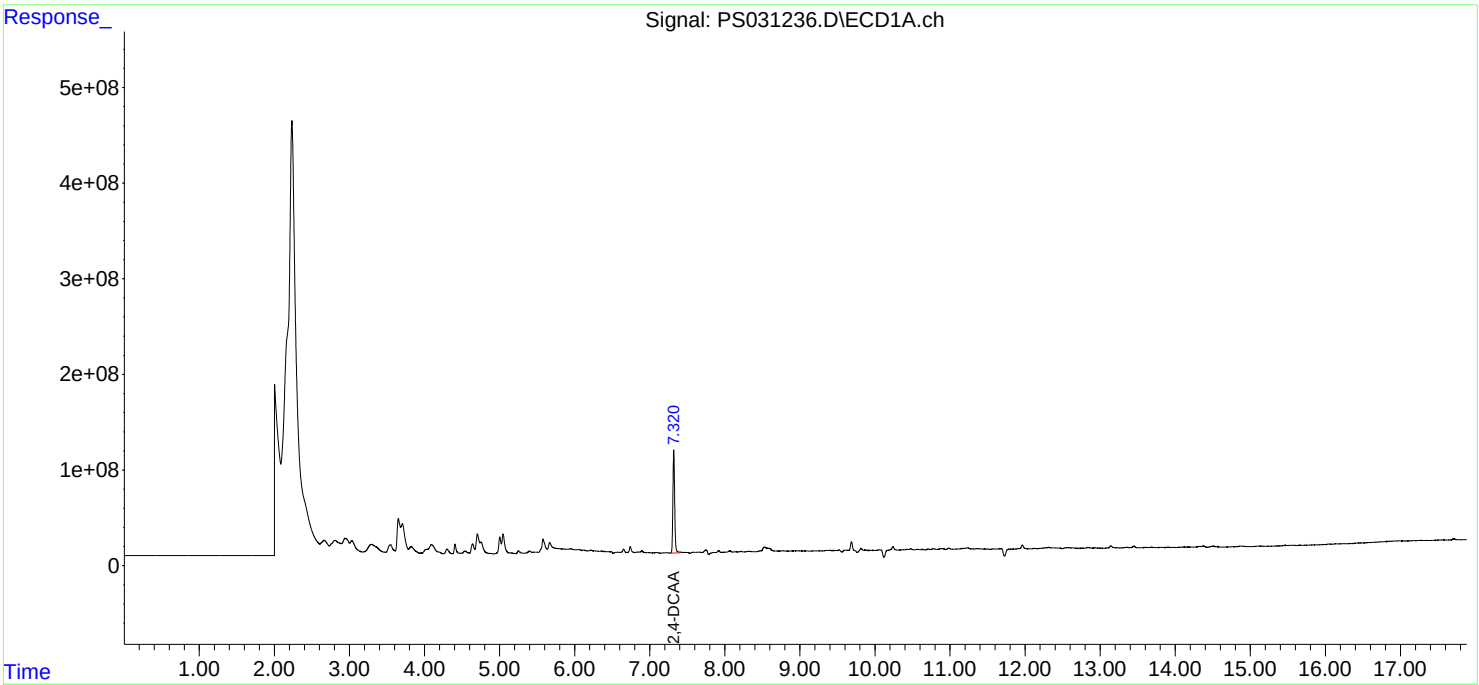
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

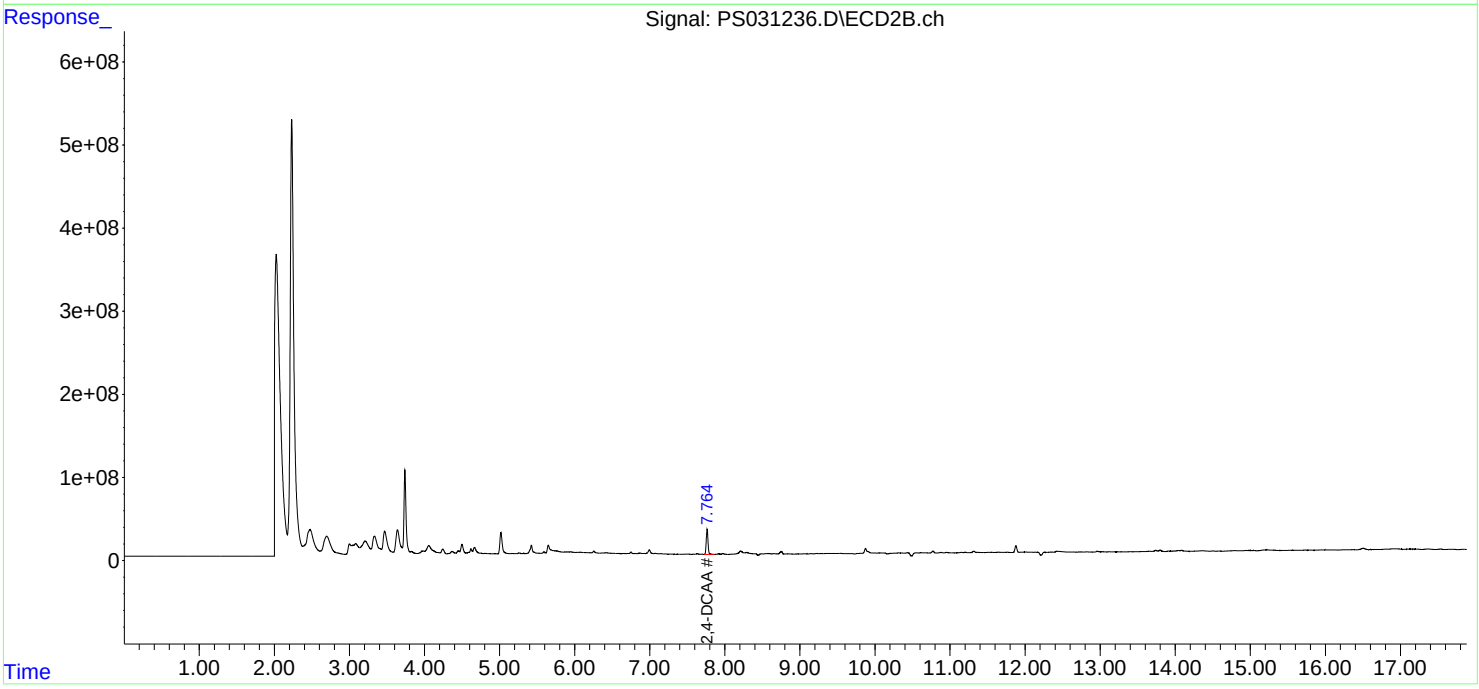
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:52
Operator : AR\AJ
Sample : PB169001BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

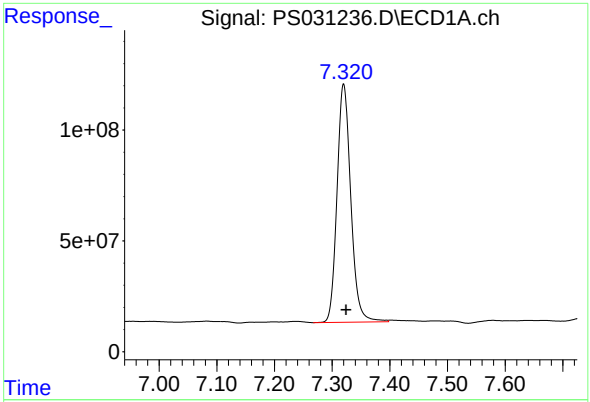
Instrument :
ECD_S
ClientSampleId :
PB169001BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



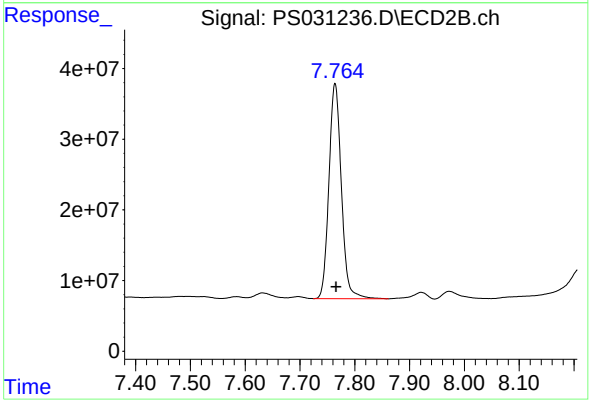




#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1769898327
Conc: 407.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BL



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 479878037
Conc: 472.80 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:16
Operator : AR\AJ
Sample : PB169001BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169001BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.320	7.764	2121.5E6	508.8E6	487.902	501.299
	Target Compounds						
1) T	Dalapon	2.686	2.704	1300.3E6	2886.7E6	207.289m	1017.600m#
2) T	3,5-DICHL...	6.484	6.711	2802.4E6	743.0E6	507.436	482.528
3) T	4-Nitroph...	7.120	7.297	804.0E6	751.3E6	487.603	415.214
5) T	DICAMBA	7.508	7.966	7809.3E6	3109.6E6	473.377	481.854
6) T	MCPP	7.689	8.065	456.0E6	90752125	45.551	43.677
7) T	MCPA	7.839	8.312	601.5E6	134.5E6	48.069	42.627
8) T	DICHLORPROP	8.219	8.685	1990.0E6	727.3E6	520.683	480.100
9) T	2,4-D	8.451	9.021	2223.0E6	926.8E6	595.191	545.708m
10) T	Pentachlo...	8.757	9.545	32147.0E6	20997.3E6	588.540	537.273
11) T	2,4,5-TP ...	9.335	9.926	12279.8E6	7936.6E6	559.353	532.865
12) T	2,4,5-T	9.628	10.353	10468.9E6	7013.5E6	536.103	493.233
13) T	2,4-DB	10.206	10.920	1568.7E6	579.1E6	524.686	494.707m
14) T	DINOSEB	11.418	11.305	6756.6E6	4565.9E6	433.963m	403.990
15) T	Picloram	11.229	12.415	9502.8E6	9927.6E6	474.983m	398.777
16) T	DCPA	11.713	12.348	11529.1E6	11386.4E6	401.804	494.287

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:16
Operator : AR\AJ
Sample : PB169001BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

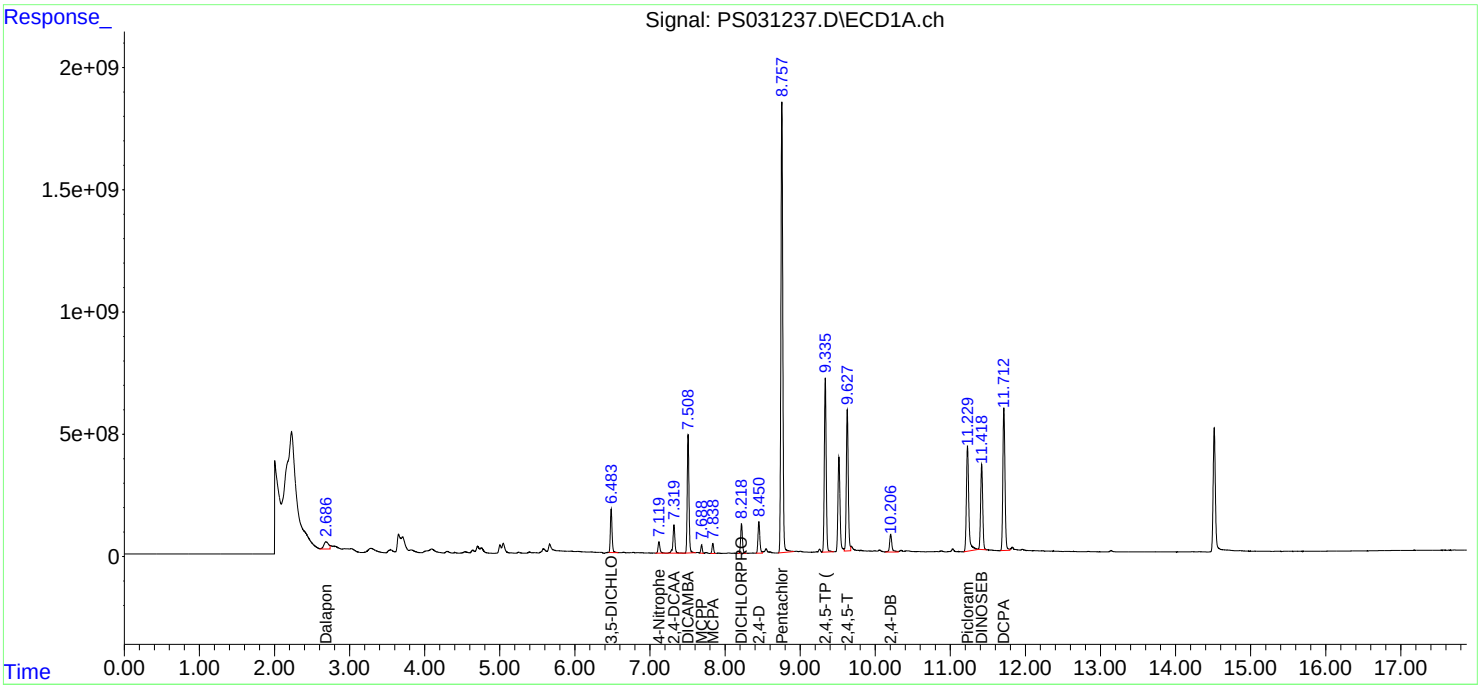
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

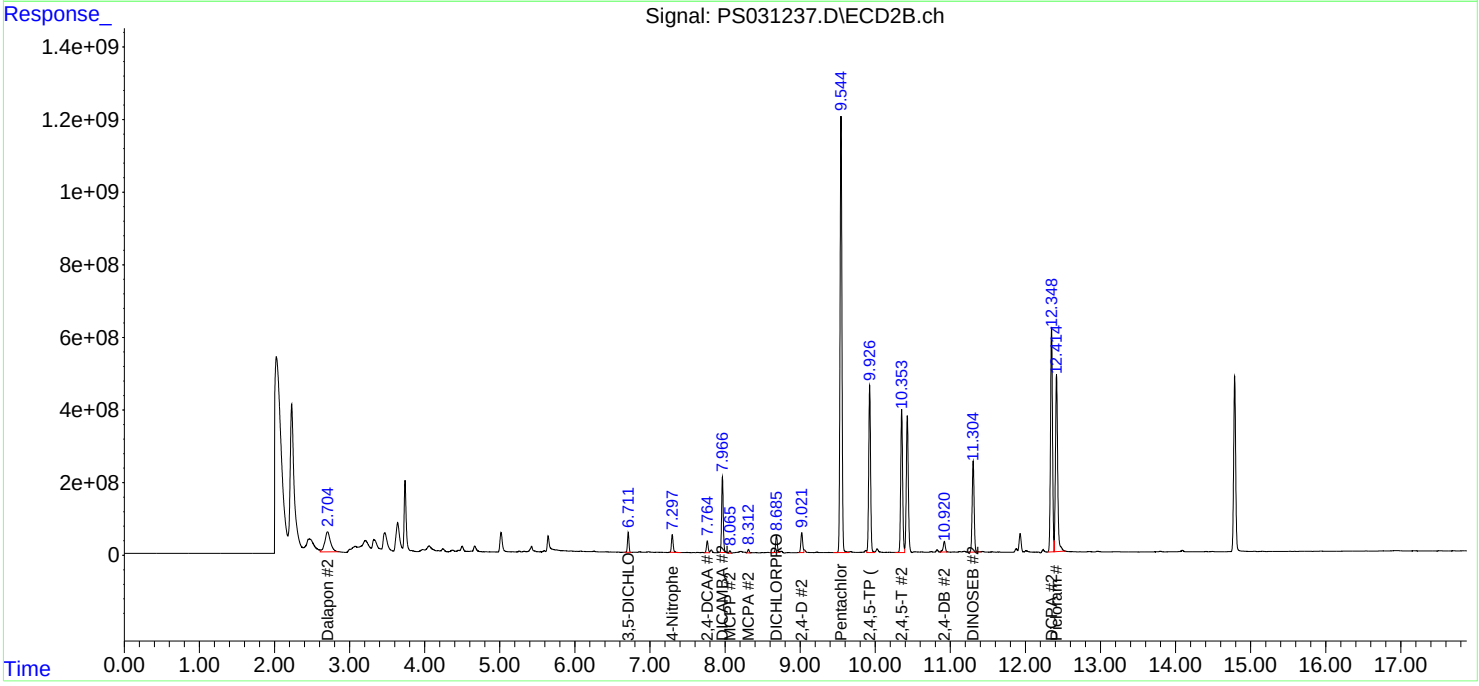
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_S
ClientSampleId :
PB169001BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:04
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4)	S	2,4-DCAA	7.320	7.764	1963.7E6	506.9E6	451.601	499.405
		Target Compounds						
1)	T	Dalapon	2.688	2.703	1333.9E6	1571.4E6	212.638m	553.950m#
2)	T	3,5-DICHL...	6.483	6.712	3774.5E6	1077.7E6	683.453	699.882
3)	T	4-Nitroph...	7.119	7.297	1187.3E6	1170.2E6	720.128	646.764
5)	T	DICAMBA	7.509	7.967	11641.9E6	4766.2E6	705.698	738.553
6)	T	MCPP	7.690	8.066	527.1E6	103.8E6	52.654	49.950
7)	T	MCPA	7.839	8.302	801.2E6	948.9E6	64.026	300.750m#
8)	T	DICHLORPROP	8.220	8.685	2710.9E6	1057.3E6	709.287	697.963
9)	T	2,4-D	8.451	9.022	2999.1E6	1463.7E6	802.981	861.865
10)	T	Pentachlo...	8.757	9.545	43108.9E6	29856.6E6	789.228	763.964
11)	T	2,4,5-TP ...	9.336	9.926	17061.4E6	11429.8E6	777.160	767.401m
12)	T	2,4,5-T	9.629	10.353	15007.0E6	10621.2E6	768.497	746.949
13)	T	2,4-DB	10.206	10.918	2291.1E6	1301.9E6	766.275	1112.263m#
14)	T	DINOSEB	11.418	11.305	10564.4E6	7270.1E6	678.534m	643.254
15)	T	Picloram	11.229	12.414	17696.5E6	19451.7E6	884.535m	781.349
16)	T	DCPA	11.714	12.349	18645.8E6	17877.9E6	649.827	776.086m

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

Sample Results: **PS031234.D**

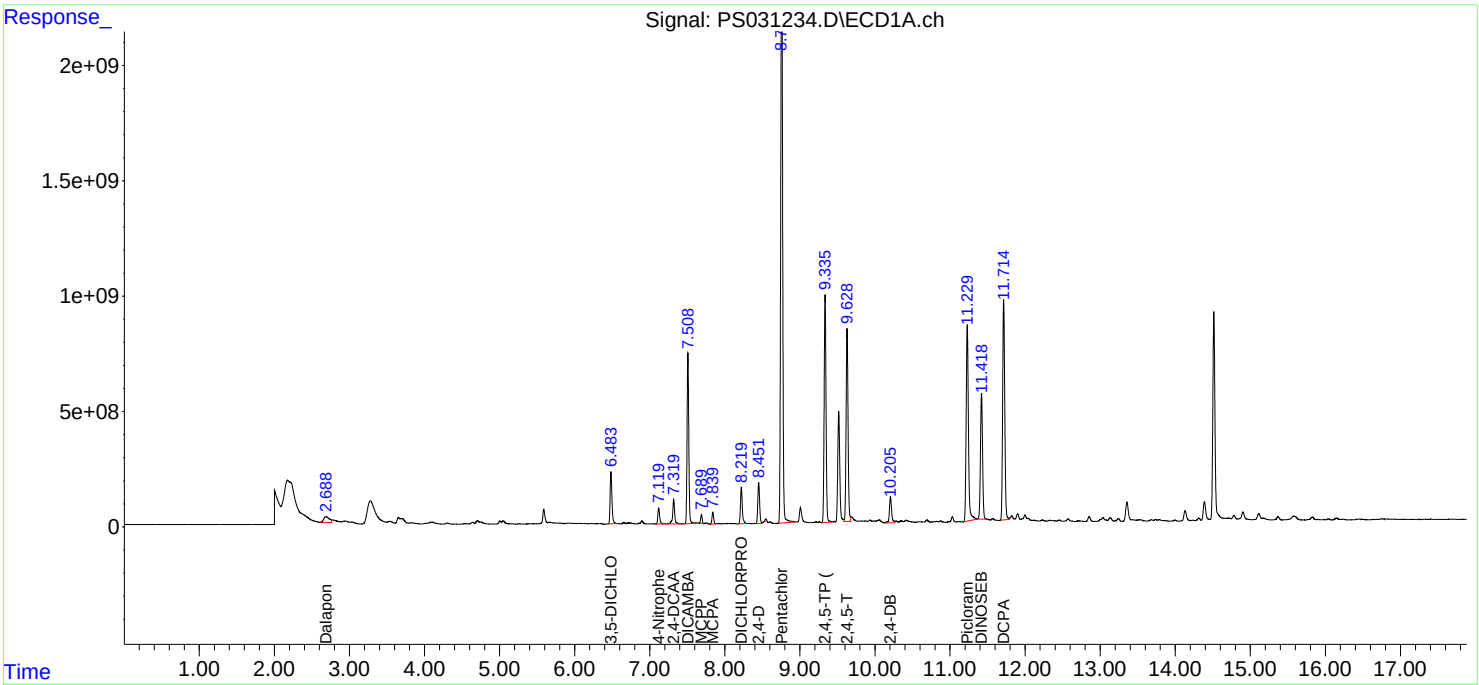
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:04
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

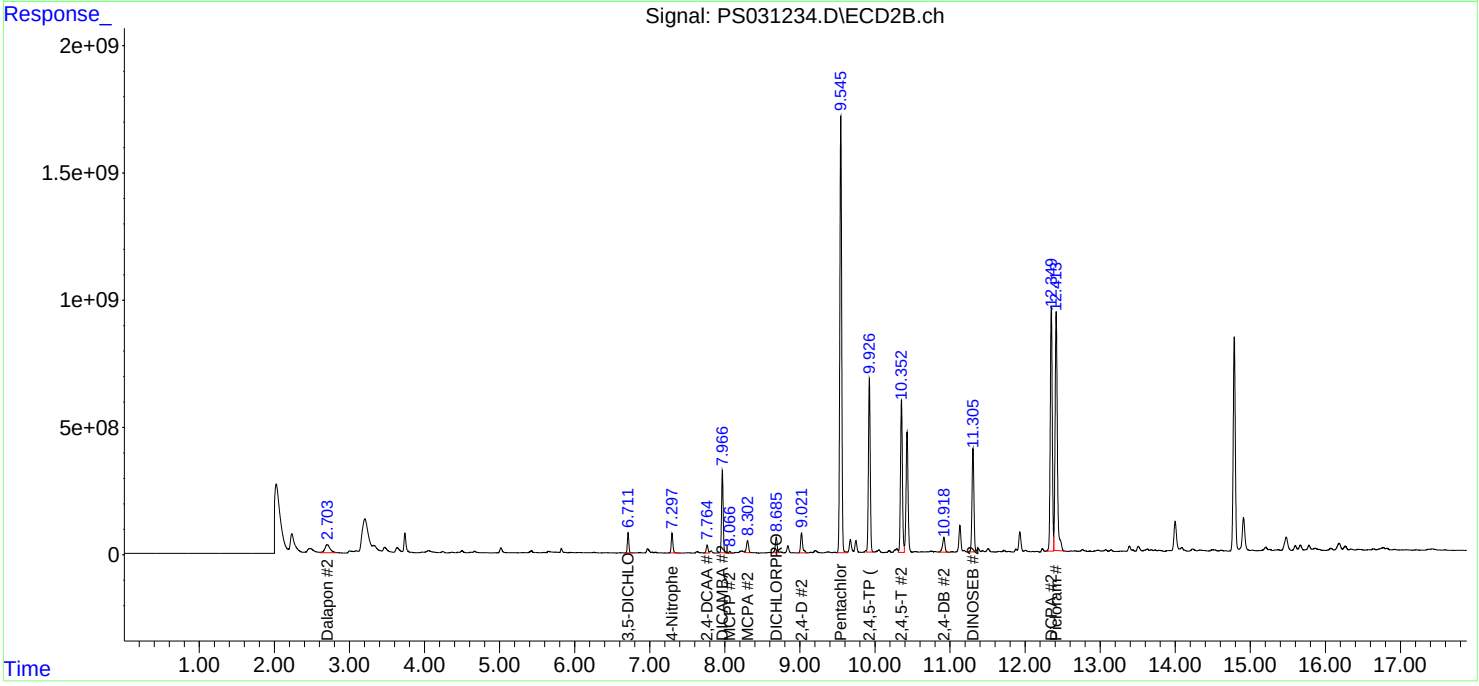
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:28
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.319	7.764	1819.5E6	469.6E6	418.436	462.681
	Target Compounds						
1) T	Dalapon	2.688	2.703	1265.5E6	1324.3E6	201.746m	466.832m#
2) T	3,5-DICHL...	6.483	6.711	3576.2E6	1020.1E6	647.538	662.430
3) T	4-Nitroph...	7.119	7.297	1123.9E6	1117.7E6	681.649	617.766
5) T	DICAMBA	7.509	7.966	11042.2E6	4495.5E6	669.344	696.610
6) T	MCPP	7.689	8.065	477.0E6	93967699	47.651	45.224
7) T	MCPA	7.839	8.302	734.1E6	811.0E6	58.658	257.034m#
8) T	DICHLORPROP	8.219	8.685	2527.0E6	976.3E6	661.169	644.472
9) T	2,4-D	8.451	9.022	2847.7E6	1374.5E6	762.450	809.339
10) T	Pentachlo...	8.760	9.545	41978.8E6	28362.4E6	768.538	725.729
11) T	2,4,5-TP ...	9.336	9.926	16205.4E6	10825.5E6	738.168	726.825m
12) T	2,4,5-T	9.630	10.353	14305.5E6	10120.0E6	732.573	711.704
13) T	2,4-DB	10.206	10.919	2275.5E6	1219.8E6	761.081	1042.144m#
14) T	DINOSEB	11.419	11.305	10036.8E6	6882.5E6	644.648m	608.956
15) T	Picloram	11.229	12.414	16773.8E6	18153.3E6	838.413m	729.193
16) T	DCPA	11.714	12.349	16732.4E6	16985.3E6	583.144	737.337m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:28
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

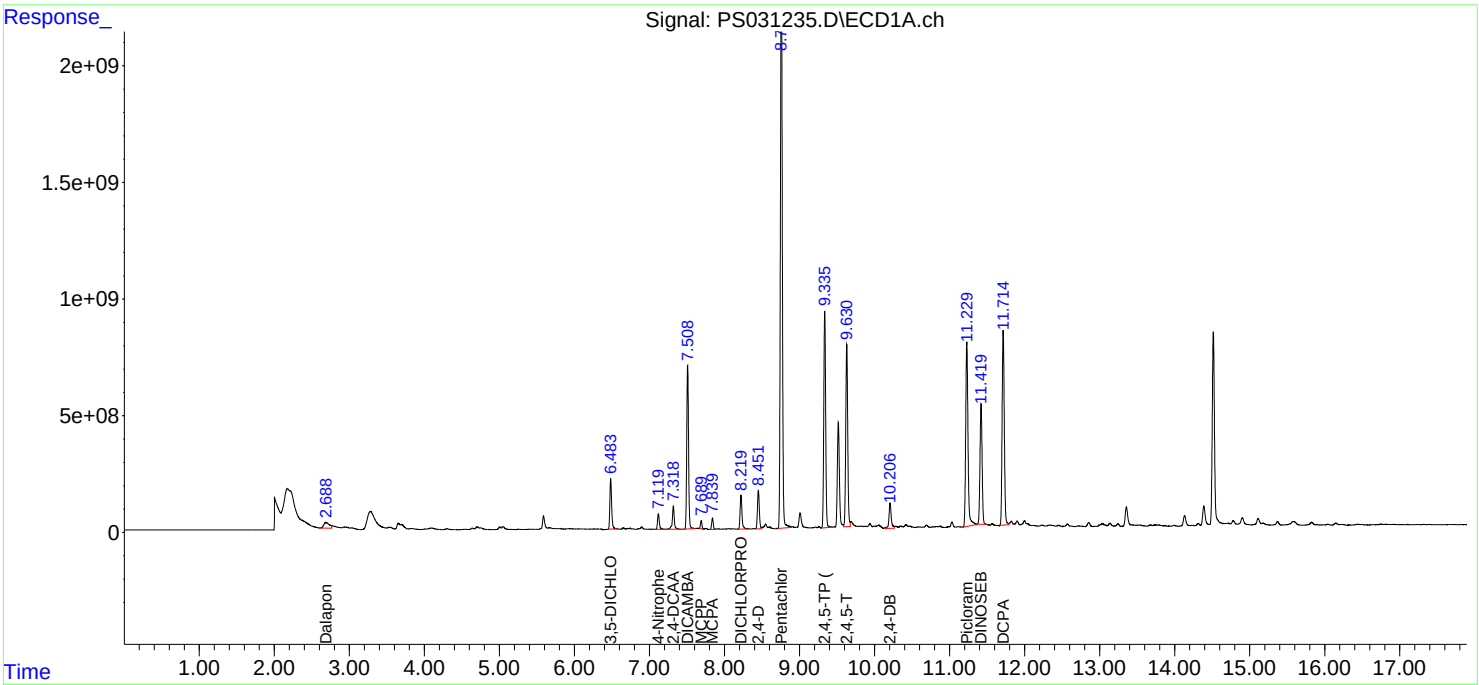
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

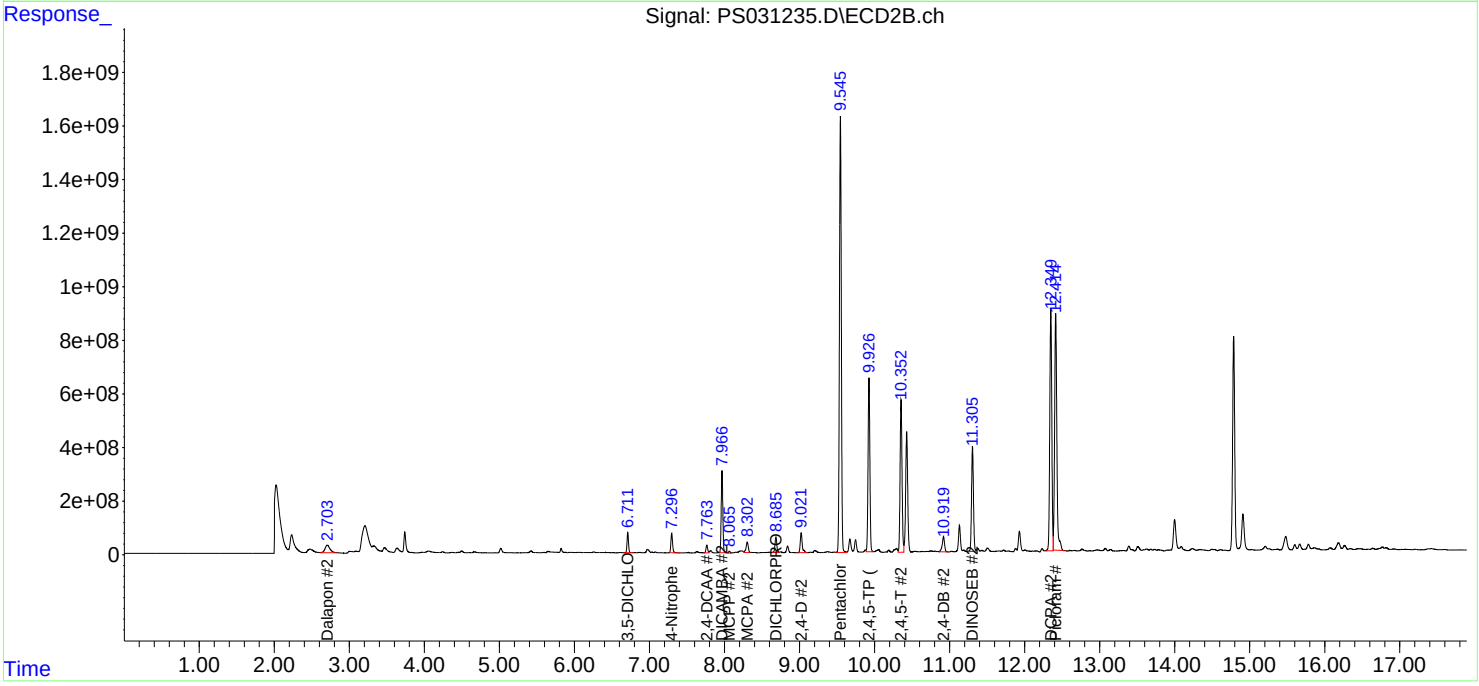
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025





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

Manual Integration Report

Sequence:	ps072125	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC500	PS031158.D	2,4-DCAA	Abdul	7/22/2025 7:56:52 AM	mohammad	7/23/2025 1:33:13	Peak Integrated by Software

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

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031222.D	2,4-D	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031222.D	2,4-DB	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031222.D	2,4-DCAA	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	DCPA #2	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	DINOSEB	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	Pentachlorophenol	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	Picloram	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	2,4-DB #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Dalapon	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Dalapon #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	DCPA #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	DINOSEB	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

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

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2641-02MS	PS031234.D	MCPA #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Picloram	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	2,4-DB #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Dalapon	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Dalapon #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	DCPA #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	DINOSEB	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	MCPA #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Picloram	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	2,4-D #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	2,4-DB #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	Dalapon	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

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

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169001BS	PS031237.D	Dalapon #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	DINOSEB	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	Picloram	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	DCPA #2	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	DINOSEB	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	Pentachlorophenol	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	Picloram	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2481-15	PS031245.D	2,4-DCAA #2	yogesh	7/25/2025 8:14:54 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	DCPA #2	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	DINOSEB	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	Pentachlorophenol	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	Picloram	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

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

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031260.D	2,4-D	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	3,5-DICHLOROBENZOIC ACID	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	Dalapon #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	DICHLORPROP	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	DICHLORPROP #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	MCPP #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS072825	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031263.D	Picloram	Abdul	7/30/2025 8:53:51 AM	mohammad	7/31/2025 1:17:07	Peak Integrated by Software
HSTDCCC750	PS031263.D	Picloram #2	Abdul	7/30/2025 8:53:51 AM	mohammad	7/31/2025 1:17:07	Peak Integrated by Software
Q2481-18	PS031269.D	2,4-DCAA #2	Abdul	7/30/2025 8:53:54 AM	mohammad	7/31/2025 1:17:07	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PS072925	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS031275.D	2,4-DB #2	Abdul	7/30/2025 8:36:01 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1000	PS031278.D	MCPP #2	Abdul	7/30/2025 8:36:04 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1500	PS031279.D	3,5-DICHLOROBENZOIC ACID	Abdul	7/30/2025 8:36:07 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1500	PS031279.D	MCPP #2	Abdul	7/30/2025 8:36:07 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031282.D	MCPP #2	Abdul	7/30/2025 8:36:12 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031293.D	DCPA #2	Abdul	7/30/2025 8:36:30 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031293.D	MCPP #2	Abdul	7/30/2025 8:36:30 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	3,5-DICHLOROBENZOIC ACID	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	DICHLORPROP #2	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	MCPP #2	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software

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

Manual Integration Report

Sequence:	Ps073025	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031304.D	3,5-DICHLOROBENZOIC ACID	yogesh	7/31/2025 8:23:44 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031304.D	MCPP	yogesh	7/31/2025 8:23:44 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031304.D	MCPP #2	yogesh	7/31/2025 8:23:44 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	3,5-DICHLOROBENZOIC ACID	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	DCPA	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	MCPP	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	MCPP #2	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	3,5-DICHLOROBENZOIC ACID	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	DCPA	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	MCPP	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	Picloram	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
Q2481-18	PS031318.D	2,4-DCAA #2	yogesh	7/31/2025 8:24:05 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031321.D	3,5-DICHLOROBENZOIC ACID	yogesh	7/31/2025 8:24:08 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software

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

Manual Integration Report

Sequence:	Ps073025	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031321.D	DCPA	yogesh	7/31/2025 8:24:08 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	3,5-DICHLOROBENZOIC ACID	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	DCPA	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	MCPP	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	MCPP #2	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	Picloram	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072125

Review By	Abdul	Review On	7/22/2025 7:57:36 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:13 AM		
SubDirectory	PS072125	HP Acquire Method		HP Processing Method	ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031155.D	21 Jul 2025 14:14	AR\AJ	Ok
2	I.BLK	PS031156.D	21 Jul 2025 14:38	AR\AJ	Ok
3	HSTDICC200	PS031157.D	21 Jul 2025 15:02	AR\AJ	Ok
4	HSTDICC500	PS031158.D	21 Jul 2025 15:26	AR\AJ	Ok,M
5	HSTDICC750	PS031159.D	21 Jul 2025 15:51	AR\AJ	Ok
6	HSTDICC1000	PS031160.D	21 Jul 2025 16:15	AR\AJ	Ok
7	HSTDICC1500	PS031161.D	21 Jul 2025 16:39	AR\AJ	Ok
8	HSTDICV750	PS031162.D	21 Jul 2025 17:03	AR\AJ	Ok
9	I.BLK	PS031163.D	21 Jul 2025 17:27	AR\AJ	Ok
10	HSTDCCC750	PS031164.D	21 Jul 2025 17:51	AR\AJ	Ok
11	Q2529-10	PS031165.D	21 Jul 2025 18:15	AR\AJ	Not Ok
12	Q2529-10MS	PS031166.D	21 Jul 2025 18:40	AR\AJ	Not Ok
13	Q2529-10MSD	PS031167.D	21 Jul 2025 19:04	AR\AJ	Not Ok
14	PB168886BS	PS031168.D	21 Jul 2025 19:28	AR\AJ	Ok
15	I.BLK	PS031169.D	21 Jul 2025 19:52	AR\AJ	Ok
16	HSTDCCC750	PS031170.D	21 Jul 2025 20:16	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM		
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM		
SubDirectory	PS072425	HP Acquire Method		HP Processing Method	ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031220.D	24 Jul 2025 10:10	AR\AJ	Ok
2	I.BLK	PS031221.D	24 Jul 2025 10:35	AR\AJ	Ok
3	HSTDCCC750	PS031222.D	24 Jul 2025 12:03	AR\AJ	Ok,M
4	Q2638-11	PS031223.D	24 Jul 2025 13:44	AR\AJ	Ok
5	Q2638-11MS	PS031224.D	24 Jul 2025 14:08	AR\AJ	Ok,M
6	Q2638-11MSD	PS031225.D	24 Jul 2025 14:38	AR\AJ	Ok,M
7	Q2558-01MS	PS031226.D	24 Jul 2025 15:02	AR\AJ	Ok,M
8	Q2558-01MSD	PS031227.D	24 Jul 2025 15:26	AR\AJ	Ok,M
9	Q2638-13	PS031228.D	24 Jul 2025 15:50	AR\AJ	Ok,M
10	Q2638-05	PS031229.D	24 Jul 2025 16:14	AR\AJ	Ok
11	Q2638-07	PS031230.D	24 Jul 2025 16:39	AR\AJ	Ok
12	Q2641-02	PS031231.D	24 Jul 2025 17:03	AR\AJ	Ok
13	I.BLK	PS031232.D	24 Jul 2025 17:27	AR\AJ	Ok
14	HSTDCCC750	PS031233.D	24 Jul 2025 18:39	AR\AJ	Ok,M
15	Q2641-02MS	PS031234.D	24 Jul 2025 19:04	AR\AJ	Ok,M
16	Q2641-02MSD	PS031235.D	24 Jul 2025 19:28	AR\AJ	Ok,M
17	PB169001BL	PS031236.D	24 Jul 2025 19:52	AR\AJ	Ok
18	PB169001BS	PS031237.D	24 Jul 2025 20:16	AR\AJ	Ok,M
19	PB168919TB	PS031238.D	24 Jul 2025 20:40	AR\AJ	Ok
20	PB168926TB	PS031239.D	24 Jul 2025 21:04	AR\AJ	Ok
21	PB168953TB	PS031240.D	24 Jul 2025 21:29	AR\AJ	Ok

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM		
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM		
SubDirectory	PS072425	HP Acquire Method		HP Processing Method	ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168969TB	PS031241.D	24 Jul 2025 21:53	AR\AJ	Ok
23	I.BLK	PS031242.D	24 Jul 2025 22:17	AR\AJ	Ok
24	HSTDCCC750	PS031243.D	24 Jul 2025 23:29	AR\AJ	Ok,M
25	Q2481-12	PS031244.D	24 Jul 2025 23:53	AR\AJ	Not Ok
26	Q2481-15	PS031245.D	25 Jul 2025 00:17	AR\AJ	Ok,M
27	Q2667-01	PS031246.D	25 Jul 2025 00:41	AR\AJ	Ok
28	Q2667-02	PS031247.D	25 Jul 2025 01:05	AR\AJ	Ok
29	Q2481-19	PS031248.D	25 Jul 2025 01:29	AR\AJ	Ok
30	Q2481-21	PS031249.D	25 Jul 2025 01:53	AR\AJ	Ok
31	Q2446-03	PS031250.D	25 Jul 2025 02:18	AR\AJ	Not Ok
32	I.BLK	PS031251.D	25 Jul 2025 02:42	AR\AJ	Ok
33	HSTDCCC750	PS031252.D	25 Jul 2025 03:54	AR\AJ	Ok,M
34	Q2481-13	PS031253.D	25 Jul 2025 04:18	AR\AJ	Ok
35	Q2481-14	PS031254.D	25 Jul 2025 04:43	AR\AJ	Ok
36	Q2481-16	PS031255.D	25 Jul 2025 05:07	AR\AJ	Ok
37	Q2481-17	PS031256.D	25 Jul 2025 05:31	AR\AJ	Ok
38	Q2481-18	PS031257.D	25 Jul 2025 05:55	AR\AJ	Not Ok
39	Q2481-20	PS031258.D	25 Jul 2025 06:19	AR\AJ	Ok
40	I.BLK	PS031259.D	25 Jul 2025 06:43	AR\AJ	Ok
41	HSTDCCC750	PS031260.D	25 Jul 2025 07:07	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072825

Review By	Abdul	Review On	7/30/2025 8:54:35 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:07 AM		
SubDirectory	PS072825	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	I.BLK	PS031262.D	28 Jul 2025 09:34	AR\AJ	Ok
2	HSTDCCC750	PS031263.D	28 Jul 2025 11:35	AR\AJ	Ok,M
3	Q2481-12	PS031264.D	28 Jul 2025 14:31	AR\AJ	ReRun
4	Q2481-13	PS031265.D	28 Jul 2025 14:55	AR\AJ	Not Ok
5	Q2481-14	PS031266.D	28 Jul 2025 15:43	AR\AJ	Not Ok
6	Q2481-16	PS031267.D	28 Jul 2025 16:32	AR\AJ	Not Ok
7	Q2481-17	PS031268.D	28 Jul 2025 17:20	AR\AJ	Not Ok
8	Q2481-18	PS031269.D	28 Jul 2025 18:08	AR\AJ	ReRun
9	Q2481-20	PS031270.D	28 Jul 2025 18:57	AR\AJ	Not Ok
10	Q2481-19	PS031271.D	28 Jul 2025 07:45 pm	AR\AJ	Not Ok
11	Q2481-21	PS031272.D	28 Jul 2025 20:33	AR\AJ	Not Ok

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM		
SubDirectory	PS072925	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031273.D	29 Jul 2025 15:42	AR\AJ	Ok
2	I.BLK	PS031274.D	29 Jul 2025 16:06	AR\AJ	Ok
3	HSTDICC200	PS031275.D	29 Jul 2025 16:30	AR\AJ	Ok,M
4	HSTDICC500	PS031276.D	29 Jul 2025 16:54	AR\AJ	Ok
5	HSTDICC750	PS031277.D	29 Jul 2025 17:18	AR\AJ	Ok
6	HSTDICC1000	PS031278.D	29 Jul 2025 17:42	AR\AJ	Ok,M
7	HSTDICC1500	PS031279.D	29 Jul 2025 18:07	AR\AJ	Ok,M
8	HSTDICV750	PS031280.D	29 Jul 2025 18:31	AR\AJ	Ok
9	I.BLK	PS031281.D	29 Jul 2025 18:55	AR\AJ	Ok
10	HSTDCCC750	PS031282.D	29 Jul 2025 19:19	AR\AJ	Ok,M
11	Q2668-01	PS031283.D	29 Jul 2025 19:43	AR\AJ	Ok
12	Q2668-05	PS031284.D	29 Jul 2025 20:07	AR\AJ	Ok
13	Q2668-09	PS031285.D	29 Jul 2025 20:32	AR\AJ	Ok
14	PB169024BL	PS031286.D	29 Jul 2025 20:56	AR\AJ	Ok
15	PB169024BS	PS031287.D	29 Jul 2025 21:20	AR\AJ	Ok,M
16	Q2668-09MS	PS031288.D	29 Jul 2025 21:44	AR\AJ	Ok,M
17	Q2668-09MSD	PS031289.D	29 Jul 2025 22:08	AR\AJ	Ok,M
18	Q2691-01	PS031290.D	29 Jul 2025 22:32	AR\AJ	Not Ok
19	Q2691-07	PS031291.D	29 Jul 2025 22:57	AR\AJ	ReRun
20	I.BLK	PS031292.D	29 Jul 2025 23:21	AR\AJ	Ok
21	HSTDCCC750	PS031293.D	29 Jul 2025 23:45	AR\AJ	Ok,M

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM		
SubDirectory	PS072925	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB169037BL	PS031294.D	30 Jul 2025 00:09	AR\AJ	Ok
23	PB169037BS	PS031295.D	30 Jul 2025 00:33	AR\AJ	Ok
24	PB168986TB	PS031296.D	30 Jul 2025 00:57	AR\AJ	Ok
25	Q2681-01	PS031297.D	30 Jul 2025 01:20	AR\AJ	Ok
26	Q2681-01MS	PS031298.D	30 Jul 2025 01:44	AR\AJ	Ok,M
27	Q2681-01MSD	PS031299.D	30 Jul 2025 02:09	AR\AJ	Ok,M
28	I.BLK	PS031300.D	30 Jul 2025 02:33	AR\AJ	Ok
29	HSTDCCC750	PS031301.D	30 Jul 2025 02:57	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM		
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM		
SubDirectory	PS073025	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031302.D	30 Jul 2025 08:15	AR\AJ	Ok
2	I.BLK	PS031303.D	30 Jul 2025 08:40	AR\AJ	Ok
3	HSTDCCC750	PS031304.D	30 Jul 2025 09:04	AR\AJ	Ok,M
4	Q2703-01	PS031305.D	30 Jul 2025 09:28	AR\AJ	Ok
5	Q2706-01	PS031306.D	30 Jul 2025 09:52	AR\AJ	Ok,M
6	Q2706-03	PS031307.D	30 Jul 2025 10:16	AR\AJ	Ok,M
7	I.BLK	PS031308.D	30 Jul 2025 10:41	AR\AJ	Ok
8	HSTDCCC750	PS031309.D	30 Jul 2025 11:05	AR\AJ	Ok,M
9	Q2709-01	PS031310.D	30 Jul 2025 11:35	AR\AJ	Ok,M
10	Q2709-01MS	PS031311.D	30 Jul 2025 11:59	AR\AJ	Ok,M
11	Q2709-01MSD	PS031312.D	30 Jul 2025 12:23	AR\AJ	Ok,M
12	PB169051BL	PS031313.D	30 Jul 2025 12:49	AR\AJ	Ok
13	PB169051BS	PS031314.D	30 Jul 2025 13:13	AR\AJ	Ok,M
14	I.BLK	PS031315.D	30 Jul 2025 13:37	AR\AJ	Ok
15	HSTDCCC750	PS031316.D	30 Jul 2025 14:01	AR\AJ	Ok,M
16	Q2481-12	PS031317.D	30 Jul 2025 14:25	AR\AJ	Ok
17	Q2481-18	PS031318.D	30 Jul 2025 14:49	AR\AJ	Ok,M
18	Q2691-07RE	PS031319.D	30 Jul 2025 15:38	AR\AJ	Confirms
19	I.BLK	PS031320.D	30 Jul 2025 16:02	AR\AJ	Ok
20	HSTDCCC750	PS031321.D	30 Jul 2025 16:26	AR\AJ	Ok,M
21	Q2691-01	PS031322.D	30 Jul 2025 16:51	AR\AJ	Ok

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM		
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM		
SubDirectory	PS073025	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2639-01	PS031323.D	30 Jul 2025 17:15	AR\AJ	Ok,M
23	Q2639-03	PS031324.D	30 Jul 2025 17:39	AR\AJ	Ok,M
24	Q2639-05RE	PS031325.D	30 Jul 2025 18:03	AR\AJ	Confirms
25	Q2639-09RE	PS031326.D	30 Jul 2025 18:27	AR\AJ	Confirms
26	Q2639-11RE	PS031327.D	30 Jul 2025 18:51	AR\AJ	Confirms
27	Q2639-13RE	PS031328.D	30 Jul 2025 19:15	AR\AJ	Confirms
28	I.BLK	PS031329.D	30 Jul 2025 19:40	AR\AJ	Ok
29	HSTDCCC750	PS031330.D	30 Jul 2025 22:05	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072125

Review By	Abdul	Review On	7/22/2025 7:57:36 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:13 AM		
SubDirectory	PS072125	HP Acquire Method		HP Processing Method	ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031155.D	21 Jul 2025 14:14		AR\AJ	Ok
2	I.BLK	I.BLK	PS031156.D	21 Jul 2025 14:38		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031157.D	21 Jul 2025 15:02		AR\AJ	Ok
4	HSTDICC500	HSTDICC500	PS031158.D	21 Jul 2025 15:26		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS031159.D	21 Jul 2025 15:51		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031160.D	21 Jul 2025 16:15		AR\AJ	Ok
7	HSTDICC1500	HSTDICC1500	PS031161.D	21 Jul 2025 16:39		AR\AJ	Ok
8	HSTDICV750	ICVPS072125	PS031162.D	21 Jul 2025 17:03		AR\AJ	Ok
9	I.BLK	I.BLK	PS031163.D	21 Jul 2025 17:27		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS031164.D	21 Jul 2025 17:51		AR\AJ	Ok
11	Q2529-10	TP-30	PS031165.D	21 Jul 2025 18:15	already analyzed	AR\AJ	Not Ok
12	Q2529-10MS	TP-30MS	PS031166.D	21 Jul 2025 18:40	some compound recovery fail ,already analyzed	AR\AJ	Not Ok
13	Q2529-10MSD	TP-30MSD	PS031167.D	21 Jul 2025 19:04	some compound recovery fail , RPD fail,already analyzed	AR\AJ	Not Ok
14	PB168886BS	PB168886BS	PS031168.D	21 Jul 2025 19:28		AR\AJ	Ok
15	I.BLK	I.BLK	PS031169.D	21 Jul 2025 19:52		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS031170.D	21 Jul 2025 20:16		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM		
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM		
SubDirectory	PS072425	HP Acquire Method		HP Processing Method	ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031220.D	24 Jul 2025 10:10		AR\AJ	Ok
2	I.BLK	I.BLK	PS031221.D	24 Jul 2025 10:35		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031222.D	24 Jul 2025 12:03		AR\AJ	Ok,M
4	Q2638-11	OU4-TS-36-071725	PS031223.D	24 Jul 2025 13:44		AR\AJ	Ok
5	Q2638-11MS	OU4-TS-36-071725MS	PS031224.D	24 Jul 2025 14:08		AR\AJ	Ok,M
6	Q2638-11MSD	OU4-TS-36-071725MS	PS031225.D	24 Jul 2025 14:38		AR\AJ	Ok,M
7	Q2558-01MS	OU4-TS-Denali-070925	PS031226.D	24 Jul 2025 15:02		AR\AJ	Ok,M
8	Q2558-01MSD	OU4-TS-Denali-070925	PS031227.D	24 Jul 2025 15:26		AR\AJ	Ok,M
9	Q2638-13	OU4-TS-37-071725	PS031228.D	24 Jul 2025 15:50		AR\AJ	Ok,M
10	Q2638-05	OU4-TS-33-071725	PS031229.D	24 Jul 2025 16:14		AR\AJ	Ok
11	Q2638-07	OU4-TS-34-071725	PS031230.D	24 Jul 2025 16:39		AR\AJ	Ok
12	Q2641-02	P001-CONCRETE001-	PS031231.D	24 Jul 2025 17:03		AR\AJ	Ok
13	I.BLK	I.BLK	PS031232.D	24 Jul 2025 17:27		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS031233.D	24 Jul 2025 18:39		AR\AJ	Ok,M
15	Q2641-02MS	P001-CONCRETE001-	PS031234.D	24 Jul 2025 19:04		AR\AJ	Ok,M
16	Q2641-02MSD	P001-CONCRETE001-	PS031235.D	24 Jul 2025 19:28		AR\AJ	Ok,M
17	PB169001BL	PB169001BL	PS031236.D	24 Jul 2025 19:52		AR\AJ	Ok
18	PB169001BS	PB169001BS	PS031237.D	24 Jul 2025 20:16		AR\AJ	Ok,M

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM		
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM		
SubDirectory	PS072425	HP Acquire Method		HP Processing Method	ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB168919TB	PB168919TB	PS031238.D	24 Jul 2025 20:40		AR\AJ	Ok
20	PB168926TB	PB168926TB	PS031239.D	24 Jul 2025 21:04		AR\AJ	Ok
21	PB168953TB	PB168953TB	PS031240.D	24 Jul 2025 21:29		AR\AJ	Ok
22	PB168969TB	PB168969TB	PS031241.D	24 Jul 2025 21:53		AR\AJ	Ok
23	I.BLK	I.BLK	PS031242.D	24 Jul 2025 22:17		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS031243.D	24 Jul 2025 23:29		AR\AJ	Ok,M
25	Q2481-12	CC0627-AL	PS031244.D	24 Jul 2025 23:53	bad injection	AR\AJ	Not Ok
26	Q2481-15	CC0627-AOXL	PS031245.D	25 Jul 2025 00:17		AR\AJ	Ok,M
27	Q2667-01	C0AP2	PS031246.D	25 Jul 2025 00:41		AR\AJ	Ok
28	Q2667-02	C0AP3	PS031247.D	25 Jul 2025 01:05		AR\AJ	Ok
29	Q2481-19	CC0627-CLOXAL	PS031248.D	25 Jul 2025 01:29	f falg,	AR\AJ	Ok
30	Q2481-21	CC0627-SFBL	PS031249.D	25 Jul 2025 01:53		AR\AJ	Ok
31	Q2446-03	MR-BUR-LNG-13	PS031250.D	25 Jul 2025 02:18	bad injection, TYPO	AR\AJ	Not Ok
32	I.BLK	I.BLK	PS031251.D	25 Jul 2025 02:42		AR\AJ	Ok
33	HSTDCCC750	HSTDCCC750	PS031252.D	25 Jul 2025 03:54		AR\AJ	Ok,M
34	Q2481-13	CC0627-CLOXPL	PS031253.D	25 Jul 2025 04:18	Surrogate fail in 1st col.END CCC FAIL	AR\AJ	Ok
35	Q2481-14	CC0625-OXBL	PS031254.D	25 Jul 2025 04:43	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok
36	Q2481-16	CC0625-NL	PS031255.D	25 Jul 2025 05:07	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM		
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM		
SubDirectory	PS072425	HP Acquire Method		HP Processing Method	ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	Q2481-17	CC0267-OXPL	PS031256.D	25 Jul 2025 05:31	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok
38	Q2481-18	CC0627-OXL	PS031257.D	25 Jul 2025 05:55	bad injection, surrogate not detected	AR\AJ	Not Ok
39	Q2481-20	CC0627-BL	PS031258.D	25 Jul 2025 06:19	Surrogate fail 2nd col, END CCC FAIL, F flag	AR\AJ	Ok
40	I.BLK	I.BLK	PS031259.D	25 Jul 2025 06:43	Surrogate low in both column, bad injection	AR\AJ	Ok
41	HSTDCCC750	HSTDCCC750	PS031260.D	25 Jul 2025 07:07	most of compounds are fail	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072825

Review By	Abdul	Review On	7/30/2025 8:54:35 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:07 AM		
SubDirectory	PS072825	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	I.BLK	I.BLK	PS031262.D	28 Jul 2025 09:34		AR\AJ	Ok
2	HSTDCCC750	HSTDCCC750	PS031263.D	28 Jul 2025 11:35		AR\AJ	Ok,M
3	Q2481-12	CC0627-AL	PS031264.D	28 Jul 2025 14:31	End CCC missing, only for fax	AR\AJ	ReRun
4	Q2481-13	CC0627-CLOXPL	PS031265.D	28 Jul 2025 14:55	End CCC missing	AR\AJ	Not Ok
5	Q2481-14	CC0625-OXBL	PS031266.D	28 Jul 2025 15:43	End CCC missing	AR\AJ	Not Ok
6	Q2481-16	CC0625-NL	PS031267.D	28 Jul 2025 16:32	End CCC missing	AR\AJ	Not Ok
7	Q2481-17	CC0267-OXPL	PS031268.D	28 Jul 2025 17:20	End CCC missing	AR\AJ	Not Ok
8	Q2481-18	CC0627-OXL	PS031269.D	28 Jul 2025 18:08	Surrogate fail,End CCC missing, f flag only for fax	AR\AJ	ReRun
9	Q2481-20	CC0627-BL	PS031270.D	28 Jul 2025 18:57	End CCC missing	AR\AJ	Not Ok
10	Q2481-19	CC0627-CLOXAL	PS031271.D	28 Jul 2025 07:45 pm	End CCC missing	AR\AJ	Not Ok
11	Q2481-21	CC0627-SFBL	PS031272.D	28 Jul 2025 20:33	End CCC missing	AR\AJ	Not Ok

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM		
SubDirectory	PS072925	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031273.D	29 Jul 2025 15:42		AR\AJ	Ok
2	I.BLK	I.BLK	PS031274.D	29 Jul 2025 16:06		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031275.D	29 Jul 2025 16:30		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031276.D	29 Jul 2025 16:54		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS031277.D	29 Jul 2025 17:18		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031278.D	29 Jul 2025 17:42		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS031279.D	29 Jul 2025 18:07		AR\AJ	Ok,M
8	HSTDICV750	ICVPS072925	PS031280.D	29 Jul 2025 18:31		AR\AJ	Ok
9	I.BLK	I.BLK	PS031281.D	29 Jul 2025 18:55		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS031282.D	29 Jul 2025 19:19		AR\AJ	Ok,M
11	Q2668-01	TP-2	PS031283.D	29 Jul 2025 19:43		AR\AJ	Ok
12	Q2668-05	TP-3	PS031284.D	29 Jul 2025 20:07		AR\AJ	Ok
13	Q2668-09	TP-1	PS031285.D	29 Jul 2025 20:32		AR\AJ	Ok
14	PB169024BL	PB169024BL	PS031286.D	29 Jul 2025 20:56		AR\AJ	Ok
15	PB169024BS	PB169024BS	PS031287.D	29 Jul 2025 21:20		AR\AJ	Ok,M
16	Q2668-09MS	TP-1MS	PS031288.D	29 Jul 2025 21:44	Some compound recovery fail	AR\AJ	Ok,M
17	Q2668-09MSD	TP-1MSD	PS031289.D	29 Jul 2025 22:08	Some compound recovery fail	AR\AJ	Ok,M
18	Q2691-01	295	PS031290.D	29 Jul 2025 22:32	surrogate fail in both column	AR\AJ	Not Ok

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM		
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM		
SubDirectory	PS072925	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2691-07	299	PS031291.D	29 Jul 2025 22:57	Surrogate fail in 1st col	AR\AJ	ReRun
20	I.BLK	I.BLK	PS031292.D	29 Jul 2025 23:21		AR\AJ	Ok
21	HSTDCCC750	HSTDCCC750	PS031293.D	29 Jul 2025 23:45		AR\AJ	Ok,M
22	PB169037BL	PB169037BL	PS031294.D	30 Jul 2025 00:09		AR\AJ	Ok
23	PB169037BS	PB169037BS	PS031295.D	30 Jul 2025 00:33		AR\AJ	Ok
24	PB168986TB	PB168986TB	PS031296.D	30 Jul 2025 00:57		AR\AJ	Ok
25	Q2681-01	NYPA-POUCH-SPENT-	PS031297.D	30 Jul 2025 01:20		AR\AJ	Ok
26	Q2681-01MS	NYPA-POUCH-SPENT-	PS031298.D	30 Jul 2025 01:44	Recovery fail	AR\AJ	Ok,M
27	Q2681-01MSD	NYPA-POUCH-SPENT-	PS031299.D	30 Jul 2025 02:09	Recovery fail	AR\AJ	Ok,M
28	I.BLK	I.BLK	PS031300.D	30 Jul 2025 02:33		AR\AJ	Ok
29	HSTDCCC750	HSTDCCC750	PS031301.D	30 Jul 2025 02:57		AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM		
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM		
SubDirectory	PS073025	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031302.D	30 Jul 2025 08:15		AR\AJ	Ok
2	I.BLK	I.BLK	PS031303.D	30 Jul 2025 08:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031304.D	30 Jul 2025 09:04		AR\AJ	Ok,M
4	Q2703-01	TP-4	PS031305.D	30 Jul 2025 09:28		AR\AJ	Ok
5	Q2706-01	RT-5417	PS031306.D	30 Jul 2025 09:52		AR\AJ	Ok,M
6	Q2706-03	ETGI-361	PS031307.D	30 Jul 2025 10:16		AR\AJ	Ok,M
7	I.BLK	I.BLK	PS031308.D	30 Jul 2025 10:41		AR\AJ	Ok
8	HSTDCCC750	HSTDCCC750	PS031309.D	30 Jul 2025 11:05		AR\AJ	Ok,M
9	Q2709-01	7211935-295	PS031310.D	30 Jul 2025 11:35		AR\AJ	Ok,M
10	Q2709-01MS	7211935-295MS	PS031311.D	30 Jul 2025 11:59	some compound recovery fail	AR\AJ	Ok,M
11	Q2709-01MSD	7211935-295MSD	PS031312.D	30 Jul 2025 12:23	some compound recovery fail , RPD fail	AR\AJ	Ok,M
12	PB169051BL	PB169051BL	PS031313.D	30 Jul 2025 12:49		AR\AJ	Ok
13	PB169051BS	PB169051BS	PS031314.D	30 Jul 2025 13:13		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS031315.D	30 Jul 2025 13:37		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS031316.D	30 Jul 2025 14:01		AR\AJ	Ok,M
16	Q2481-12	CC0627-AL	PS031317.D	30 Jul 2025 14:25		AR\AJ	Ok
17	Q2481-18	CC0627-OXL	PS031318.D	30 Jul 2025 14:49	Surrogate high in 1st column	AR\AJ	Ok,M

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM		
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM		
SubDirectory	PS073025	HP Acquire Method		HP Processing Method	ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2691-07RE	299RE	PS031319.D	30 Jul 2025 15:38	Surrogate fail in 1st col	AR\AJ	Confirms
19	I.BLK	I.BLK	PS031320.D	30 Jul 2025 16:02		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS031321.D	30 Jul 2025 16:26		AR\AJ	Ok,M
21	Q2691-01	295	PS031322.D	30 Jul 2025 16:51		AR\AJ	Ok
22	Q2639-01	OU4-TS-38-071725	PS031323.D	30 Jul 2025 17:15		AR\AJ	Ok,M
23	Q2639-03	OU4-TS-39-071725	PS031324.D	30 Jul 2025 17:39		AR\AJ	Ok,M
24	Q2639-05RE	OU4-TS-40-071725RE	PS031325.D	30 Jul 2025 18:03	Surrogate low in both column	AR\AJ	Confirms
25	Q2639-09RE	OU4-TS-42-071725RE	PS031326.D	30 Jul 2025 18:27	Surrogate low in 1st column	AR\AJ	Confirms
26	Q2639-11RE	OU4-TS-43-071725RE	PS031327.D	30 Jul 2025 18:51	Surrogate low in 1st column	AR\AJ	Confirms
27	Q2639-13RE	OU4-TS-44-071725RE	PS031328.D	30 Jul 2025 19:15	Surrogate low in 1st column	AR\AJ	Confirms
28	I.BLK	I.BLK	PS031329.D	30 Jul 2025 19:40		AR\AJ	Ok
29	HSTDCCC750	HSTDCCC750	PS031330.D	30 Jul 2025 22:05		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168705

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : 12

Standared 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
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
N/A	N/A	N/A
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. q2481-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/03/25 11:00	JP lab room	SUB MEDIA
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168705

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
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.0	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	1.5	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.0	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A

Alliance TECHNICAL GROUP

TCLP Solid Determination

PB168705

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB168705

Hot Block ID : N/A

Thermometer ID : N/A

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
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2481 w **WorkList ID :** 190516 **Department :** TCLP Extraction **Date :** 07-02-2025 13:46:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-01	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-02	CC0627-CLOXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-03	CC0625-OXBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-04	CC0627-AOXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-05	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-06	CC0267-OXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-07	CC0627-OXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-08	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-09	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-10	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311

Date/Time 07/02/25 13:50

Raw Sample Received by: SB (WC)

Raw Sample Relinquished by: CA SM

Date/Time 07/02/25 17:00

Raw Sample Received by: CA SM

Raw Sample Relinquished by: SB (WC)

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : [illegible]

Standared 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
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
N/A	N/A	N/A
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/23/25 11:00	JP / Lab room	RB / EXL
	Preparation Group	Analysis Group DEP

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp w q2481 **WorkList ID :** 190885 **Department :** TCLP Extraction **Date :** 07-22-2025 15:41:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-12	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-13	CC0627-CLOXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-14	CC0625-OXBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-15	CC0627-AOXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-16	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-17	CC0267-OXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-18	CC0627-OXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-19	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-20	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-21	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311

Date/Time 07/22/25 16:00
Raw Sample Received by: SB (WC)
Raw Sample Relinquished by: CP SM

Date/Time 07/22/25 18:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169001

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,7

Extraction Start Date : 07/23/2025

Extraction Start Time : 11:45

Extraction End Date : 07/24/2025

Extraction End Time : 12:10

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24654
Surrogate	1.0ML	5000 PPB	PP24737
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
Ether	N/A	E3952
Acidified Na2SO4	N/A	EP2621
NAOH 6N	N/A	EP2606
12N H2SO4	N/A	EP2605
NACL	N/A	M4459
ISO OCTANE	N/A	E3554
Diazomethane	N/A	EP2618
Hexane	N/A	E3956
METHANOL	N/A	V14622
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:

pH Adjusted with 6N NaOH>12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4<2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ml Vial Lot # 03-40BTS721.Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/24/25	RS (Ext Lab)	R. Post/PCB Lab
12:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169001

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			SEP-1
PB168926TB	PB168926TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			2
PB168953TB	PB168953TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			3
PB168969TB	PB168969TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			4
PB169001BL	HBLK001	TCLP Herbicide	1000	6	RUPESH	ritesh	10			5
PB169001BS	HLCS001	TCLP Herbicide	1000	6	RUPESH	ritesh	10			6
Q2481-12	CC0627-AL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	7
Q2481-13	CC0627-CLOXPL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	8
Q2481-14	CC0625-OXBL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	9
Q2481-15	CC0627-AOXL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	10
Q2481-16	CC0625-NL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	11
Q2481-17	CC0267-OXPL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	12
Q2481-18	CC0627-OXL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	13
Q2481-19	CC0627-CLOXAL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	14
Q2481-20	CC0627-BL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	15
Q2481-21	CC0627-SFBL	TCLP Herbicide	10	6	RUPESH	ritesh	10	A	Chemical Treated	16
Q2641-02	P001-CONCRETE001-01	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		SEP-1
Q2641-02MS	P001-CONCRETE001-01MS	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		2
Q2641-02MSD	P001-CONCRETE001-01MSD	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		3
Q2646-03	FRAC TANK	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		4
Q2667-01	C0AP2	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		5
Q2667-02	C0AP3	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		6

RS 7/24

*** Extracts relinquished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

07/23/25
11:00

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168953

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
PB168953TB	LEB953	11	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2655-02	SOIL	01	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2660-02	MOO-25-0205	02	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2660-04	MOO-25-0218	03	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2667-01	C0AP2	04	100.01	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2667-02	C0AP3	05	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1
Q2668-04	TP-2	06	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2668-08	TP-3	07	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2668-12	TP-1	08	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2672-02	AUD-25-0123-0127	09	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2672-04	AUD-25-0128-0132	10	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1

04/23/25
11:00

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168926

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
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

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

04/21/25
11:30

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168919

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
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

07/24/25
11:30

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

LAB CHRONICLE

OrderID:	Q2481	**OrderDate:**	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	**Project:**	CC2-16 Analytical
Contact:	Ryan Simpson	**Location:**	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-12	**CC0627-AL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/30/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-13	**CC0627-CLOXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-14	**CC0625-OXBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-15	**CC0627-AOXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-16	**CC0625-NL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-17	**CC0267-OXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-18	**CC0627-OXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/30/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-19	**CC0627-CLOXAL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	

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

LAB CHRONICLE

			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-20	**CC0627-BL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-21	**CC0627-SFBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
Data File : PS031264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 14:31
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 14:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.318	7.759	1343.2E6	376.3E6	308.908m	370.792
	Target Compounds						

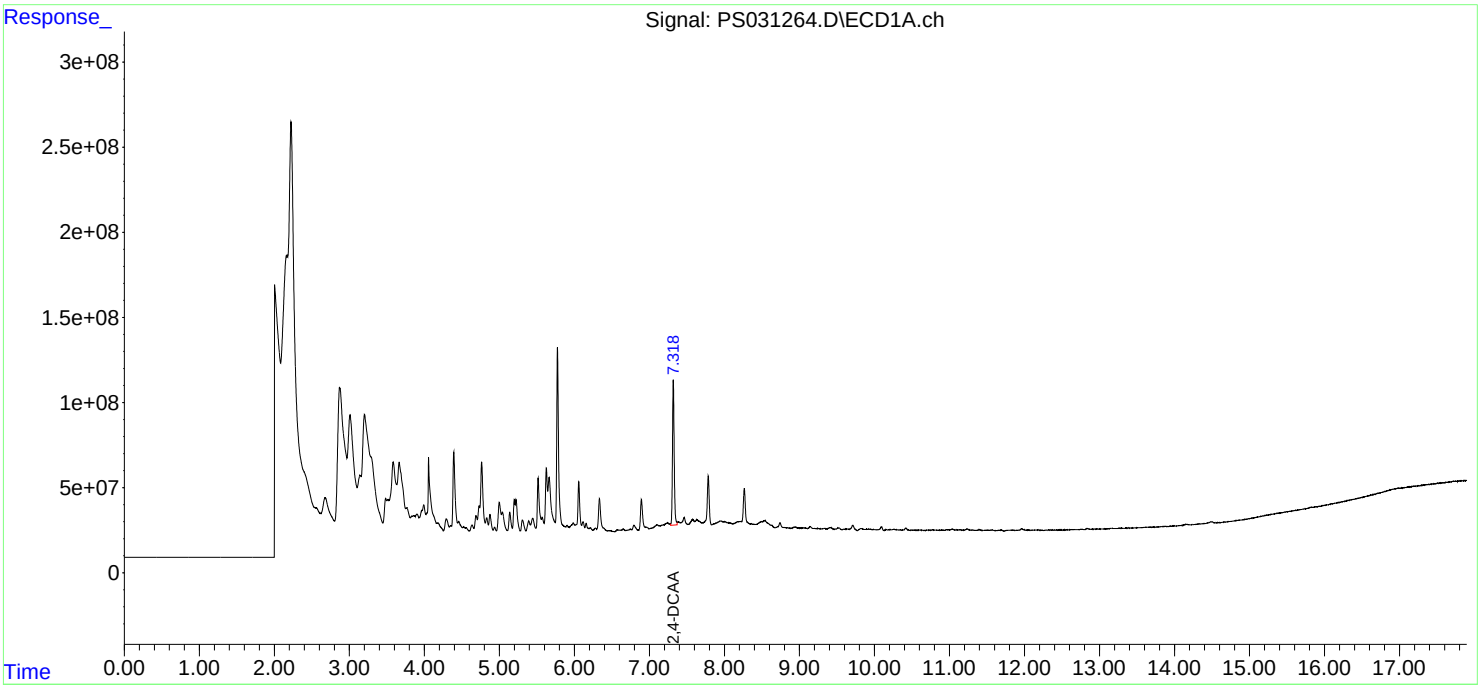
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

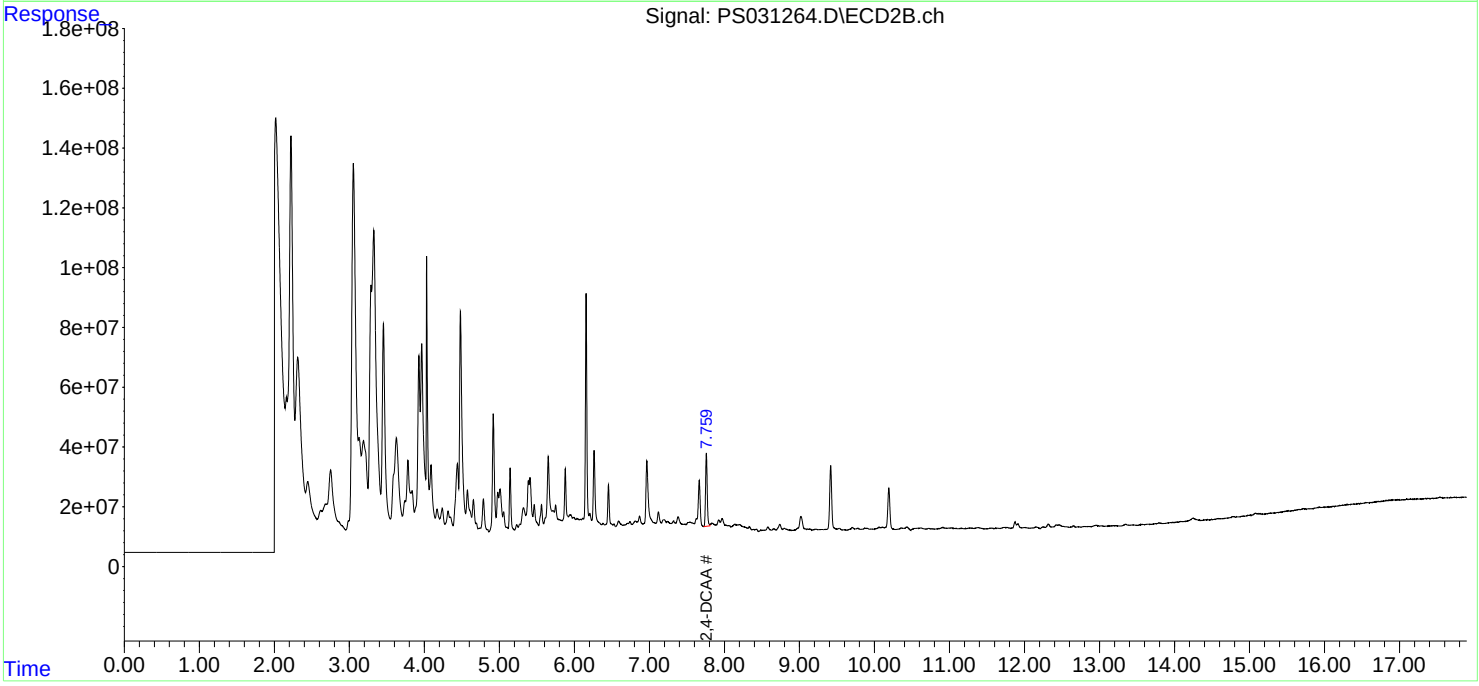
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
Data File : PS031264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 14:31
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

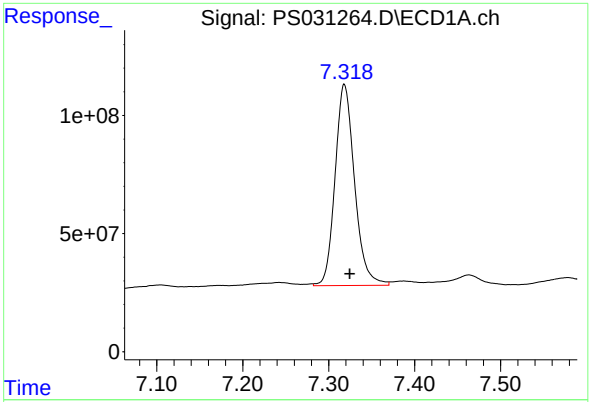
Instrument :
ECD_S
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 14:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm



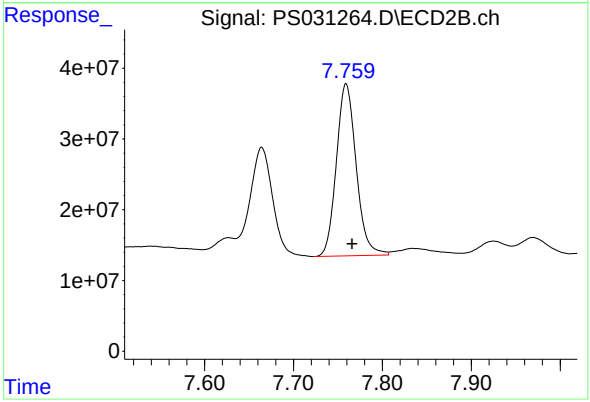




#4 2,4-DCAA

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 1343210571
Conc: 308.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-AL



#4 2,4-DCAA

R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 376342237
Conc: 370.79 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
Data File : PS031269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 18:08
Operator : AR\AJ
Sample : Q2481-18 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 14:25:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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						
4) S	2,4-DCAA	7.304	7.731f	227.6E6	1747891	52.348	1.722m#
	Target Compounds						

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

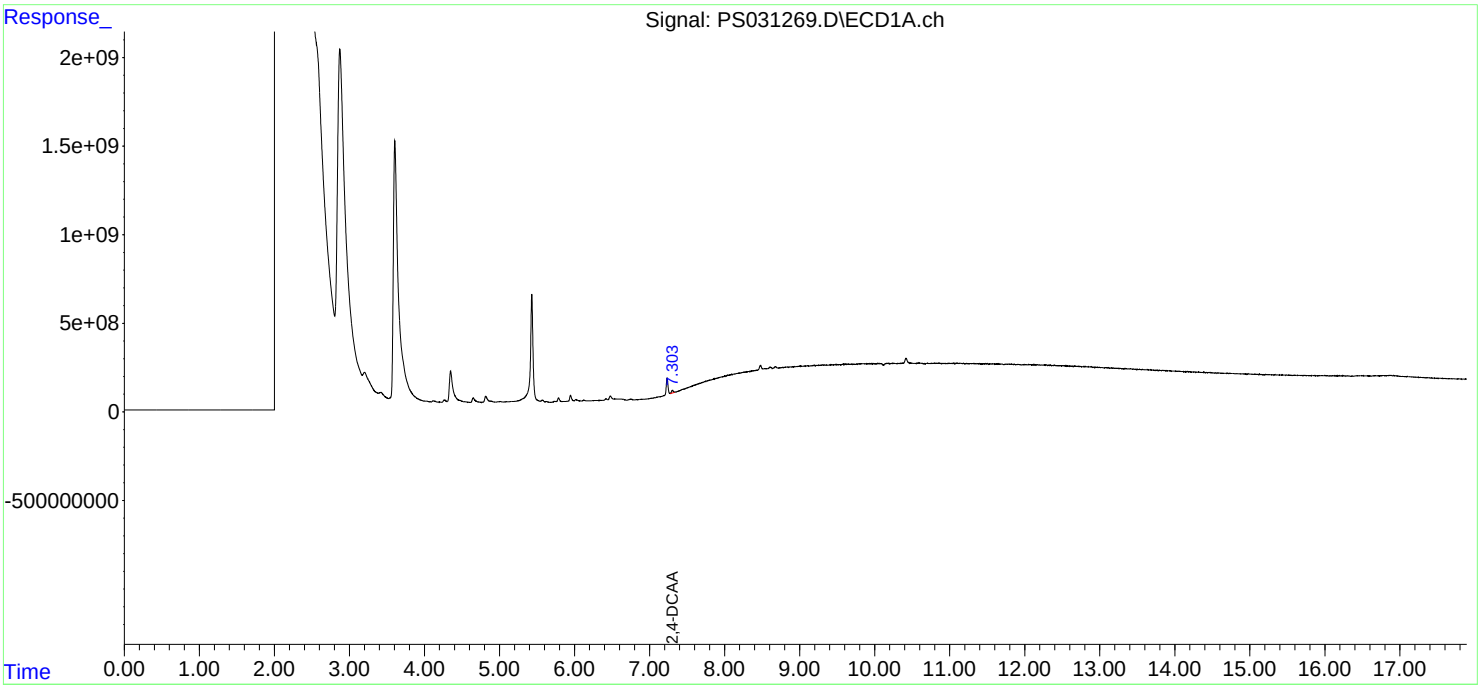
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
Data File : PS031269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 18:08
Operator : AR\AJ
Sample : Q2481-18 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

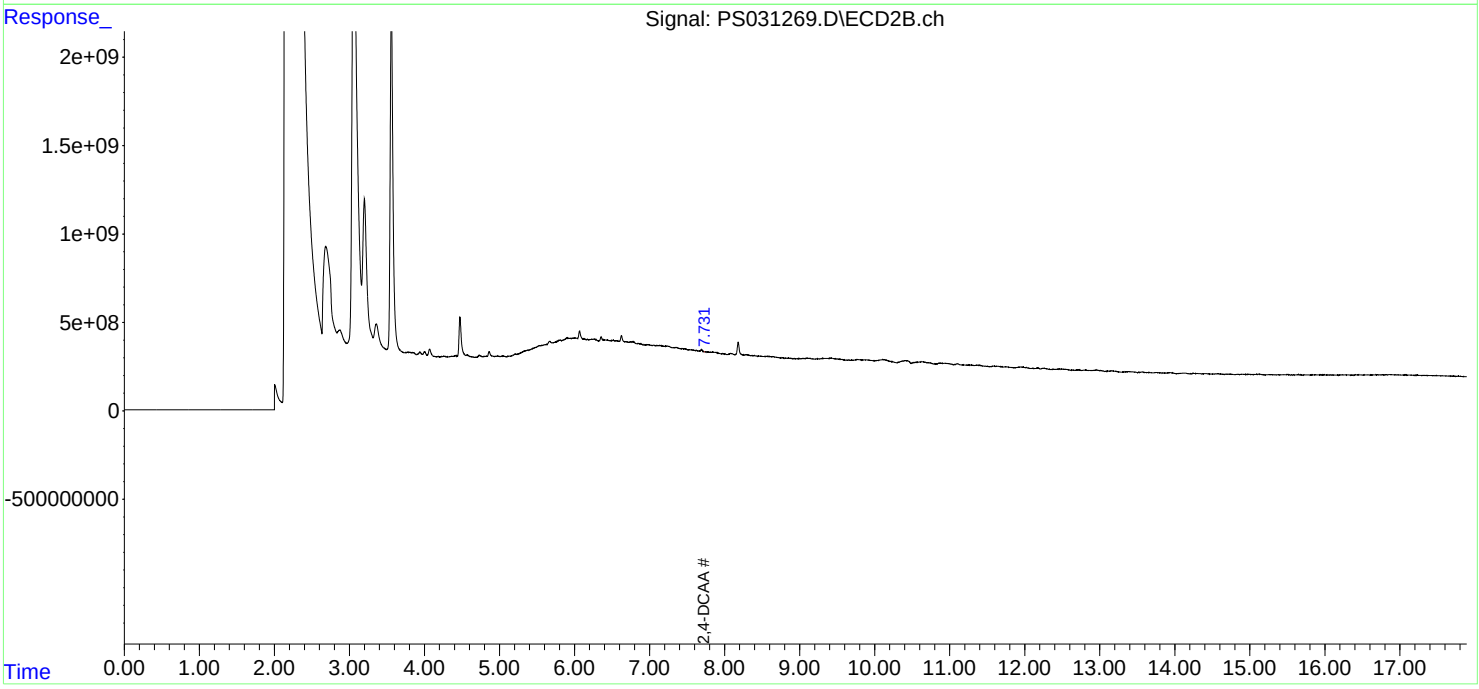
Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

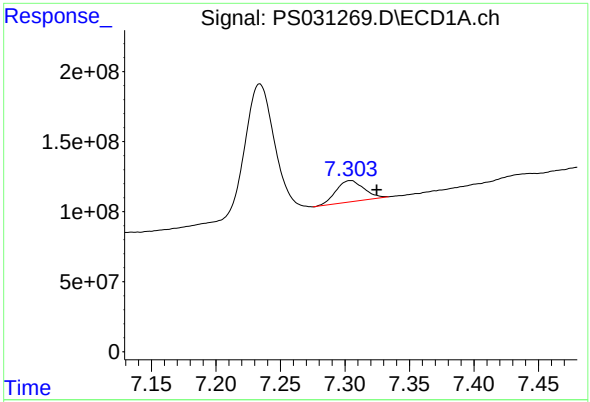
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 14:25:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







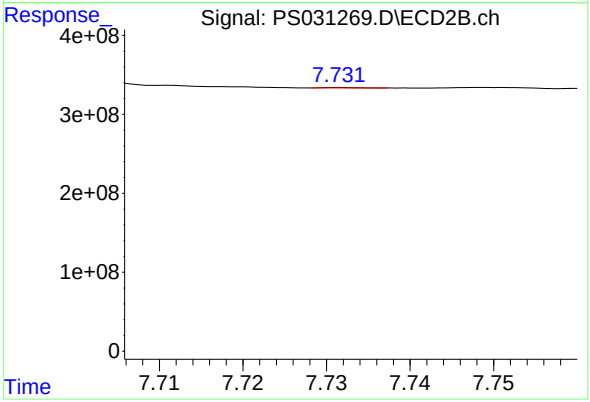
#4 2,4-DCAA

R.T.: 7.304 min
Delta R.T.: -0.020 min
Response: 227622049
Conc: 52.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



#4 2,4-DCAA

R.T.: 7.731 min
Delta R.T.: -0.035 min
Response: 1747891
Conc: 1.72 ng/ml m

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

Hit Summary Sheet
SW-846

SDG No.: Q2481 **Order ID:** Q2481

Client: Environmental Restoration, LLC **Project ID:** CC2-16 Analytical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CC0627-AL								
Q2481-01	CC0627-AL	TCLP	Cadmium	35.7	JD	25.0	300	ug/L
Q2481-01	CC0627-AL	TCLP	Chromium	1540	D	106	500	ug/L
Q2481-01	CC0627-AL	TCLP	Lead	1580	D	115	600	ug/L
Q2481-01	CC0627-AL	TCLP	Mercury	2.40		0.76	2.00	ug/L
Client ID : CC0627-CLOXPL								
Q2481-02	CC0627-CLOXPL	TCLP	Cadmium	7940	D	250	3000	ug/L
Q2481-02	CC0627-CLOXPL	TCLP	Lead	148000	D	1150	6000	ug/L
Q2481-02	CC0627-CLOXPL	TCLP	Silver	3110	JD	810	5000	ug/L
Client ID : CC0625-OXBL								
Q2481-03	CC0625-OXBL	TCLP	Arsenic	43800	D	2560	10000	ug/L
Q2481-03	CC0625-OXBL	TCLP	Cadmium	9380	D	250	3000	ug/L
Q2481-03	CC0625-OXBL	TCLP	Chromium	1840	JD	1060	5000	ug/L
Q2481-03	CC0625-OXBL	TCLP	Lead	1660	JD	1150	6000	ug/L
Q2481-03	CC0625-OXBL	TCLP	Selenium	40400	D	4820	10000	ug/L
Q2481-03	CC0625-OXBL	TCLP	Silver	2630000	D	810	5000	ug/L
Client ID : CC0627-AOXL								
Q2481-04	CC0627-AOXL	TCLP	Cadmium	678	JD	125	1500	ug/L
Q2481-04	CC0627-AOXL	TCLP	Silver	11800	D	405	2500	ug/L
Client ID : CC0625-NL								
Q2481-05	CC0625-NL	TCLP	Arsenic	701	D	128	500	ug/L
Q2481-05	CC0625-NL	TCLP	Barium	434	JD	364	2500	ug/L
Q2481-05	CC0625-NL	TCLP	Chromium	67500	D	53.0	250	ug/L
Q2481-05	CC0625-NL	TCLP	Lead	58.7	JD	57.5	300	ug/L
Q2481-05	CC0625-NL	TCLP	Silver	62.0	JD	40.5	250	ug/L
Client ID : CC0267-OXPL								
Q2481-06	CC0267-OXPL	TCLP	Cadmium	332	JD	125	1500	ug/L
Q2481-06	CC0267-OXPL	TCLP	Silver	6890	D	405	2500	ug/L
Client ID : CC0627-OXL								
Q2481-07	CC0627-OXL	TCLP	Silver	3190	D	405	2500	ug/L
Client ID : CC0627-CLOXAL								
Q2481-08	CC0627-CLOXAL	TCLP	Cadmium	6.41	J	2.50	30.0	ug/L
Q2481-08	CC0627-CLOXAL	TCLP	Chromium	3110		10.6	50.0	ug/L
Q2481-08	CC0627-CLOXAL	TCLP	Lead	87.6		11.5	60.0	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: Q2481 **Order ID:** Q2481

Client: Environmental Restoration, LLC **Project ID:** CC2-16 Analytical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2481-08	CC0627-CLOXAL	TCLP	Silver	13.6	J	8.10	50.0	ug/L
Client ID :	**CC0627-BL**							
Q2481-09	CC0627-BL	TCLP	Arsenic	29700	D	2560	10000	ug/L
Q2481-09	CC0627-BL	TCLP	Cadmium	5350	D	250	3000	ug/L
Q2481-09	CC0627-BL	TCLP	Selenium	61700	D	4820	10000	ug/L
Q2481-09	CC0627-BL	TCLP	Silver	1670000	D	810	5000	ug/L
Client ID :	**CC0627-SFBL**							
Q2481-10	CC0627-SFBL	TCLP	Arsenic	3970	JD	1280	5000	ug/L
Q2481-10	CC0627-SFBL	TCLP	Selenium	7850	D	2410	5000	ug/L
Q2481-10	CC0627-SFBL	TCLP	Silver	25300	D	405	2500	ug/L

SAMPLE DATA

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	256	UD	10	256	1000	ug/L	07/03/25 12:35	07/11/25 01:04	6010D	SW3050
7440-39-3	Barium	728	UD	10	728	5000	ug/L	07/03/25 12:35	07/11/25 01:04	6010D	SW3050
7440-43-9	Cadmium	35.7	JD	10	25.0	300	ug/L	07/03/25 12:35	07/11/25 01:04	6010D	SW3050
7440-47-3	Chromium	1540	D	10	106	500	ug/L	07/03/25 12:35	07/11/25 01:04	6010D	SW3050
7439-92-1	Lead	1580	D	10	115	600	ug/L	07/03/25 12:35	07/11/25 01:04	6010D	SW3050
7439-97-6	Mercury	2.40		1	0.76	2.00	ug/L	07/07/25 13:50	07/08/25 10:17	7470A	
7782-49-2	Selenium	482	UD	10	482	1000	ug/L	07/03/25 12:35	07/11/25 01:04	6010D	SW3050
7440-22-4	Silver	81.0	UD	10	81.0	500	ug/L	07/03/25 12:35	07/11/25 01:04	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	2560	UD	10	2560	10000	ug/L	07/03/25 12:35	07/11/25 01:34	6010D	SW3050
7440-39-3	Barium	7280	UD	10	7280	50000	ug/L	07/03/25 12:35	07/11/25 01:34	6010D	SW3050
7440-43-9	Cadmium	7940	D	10	250	3000	ug/L	07/03/25 12:35	07/11/25 01:34	6010D	SW3050
7440-47-3	Chromium	1060	UD	10	1060	5000	ug/L	07/03/25 12:35	07/11/25 01:34	6010D	SW3050
7439-92-1	Lead	148000	D	10	1150	6000	ug/L	07/03/25 12:35	07/11/25 01:34	6010D	SW3050
7439-97-6	Mercury	7.60	UD	10	7.60	20.0	ug/L	07/07/25 13:50	07/08/25 10:32	7470A	
7782-49-2	Selenium	4820	UD	10	4820	10000	ug/L	07/03/25 12:35	07/11/25 01:34	6010D	SW3050
7440-22-4	Silver	3110	JD	10	810	5000	ug/L	07/03/25 12:35	07/11/25 01:34	6010D	SW3050

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-03	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	43800	D	10	2560	10000	ug/L	07/03/25 12:35	07/11/25 01:39	6010D	SW3050
7440-39-3	Barium	7280	UD	10	7280	50000	ug/L	07/03/25 12:35	07/11/25 01:39	6010D	SW3050
7440-43-9	Cadmium	9380	D	10	250	3000	ug/L	07/03/25 12:35	07/11/25 01:39	6010D	SW3050
7440-47-3	Chromium	1840	JD	10	1060	5000	ug/L	07/03/25 12:35	07/11/25 01:39	6010D	SW3050
7439-92-1	Lead	1660	JD	10	1150	6000	ug/L	07/03/25 12:35	07/11/25 01:39	6010D	SW3050
7439-97-6	Mercury	7.60	UD	10	7.60	20.0	ug/L	07/07/25 13:50	07/08/25 10:34	7470A	
7782-49-2	Selenium	40400	D	10	4820	10000	ug/L	07/03/25 12:35	07/11/25 01:39	6010D	SW3050
7440-22-4	Silver	2630000	D	10	810	5000	ug/L	07/03/25 12:35	07/11/25 01:39	6010D	SW3050

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-04	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1280	UD	5	1280	5000	ug/L	07/03/25 12:35	07/11/25 02:27	6010D	SW3050
7440-39-3	Barium	3640	UD	5	3640	25000	ug/L	07/03/25 12:35	07/11/25 02:27	6010D	SW3050
7440-43-9	Cadmium	678	JD	5	125	1500	ug/L	07/03/25 12:35	07/11/25 02:27	6010D	SW3050
7440-47-3	Chromium	530	UD	5	530	2500	ug/L	07/03/25 12:35	07/11/25 02:27	6010D	SW3050
7439-92-1	Lead	575	UD	5	575	3000	ug/L	07/03/25 12:35	07/11/25 02:27	6010D	SW3050
7439-97-6	Mercury	7.60	UD	10	7.60	20.0	ug/L	07/07/25 13:50	07/08/25 10:37	7470A	
7782-49-2	Selenium	2410	UD	5	2410	5000	ug/L	07/03/25 12:35	07/11/25 02:27	6010D	SW3050
7440-22-4	Silver	11800	D	5	405	2500	ug/L	07/03/25 12:35	07/11/25 02:27	6010D	SW3050

Color Before:	light Brown	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-05	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	701	D	5	128	500	ug/L	07/03/25 12:35	07/11/25 02:32	6010D	SW3050
7440-39-3	Barium	434	JD	5	364	2500	ug/L	07/03/25 12:35	07/11/25 02:32	6010D	SW3050
7440-43-9	Cadmium	12.5	UD	5	12.5	150	ug/L	07/03/25 12:35	07/11/25 02:32	6010D	SW3050
7440-47-3	Chromium	67500	D	5	53.0	250	ug/L	07/03/25 12:35	07/11/25 02:32	6010D	SW3050
7439-92-1	Lead	58.7	JD	5	57.5	300	ug/L	07/03/25 12:35	07/11/25 02:32	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	07/07/25 13:50	07/08/25 10:39	7470A	
7782-49-2	Selenium	241	UD	5	241	500	ug/L	07/03/25 12:35	07/11/25 02:32	6010D	SW3050
7440-22-4	Silver	62.0	JD	5	40.5	250	ug/L	07/03/25 12:35	07/11/25 02:32	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-06	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1280	UD	5	1280	5000	ug/L	07/03/25 12:35	07/11/25 02:36	6010D	SW3050
7440-39-3	Barium	3640	UD	5	3640	25000	ug/L	07/03/25 12:35	07/11/25 02:36	6010D	SW3050
7440-43-9	Cadmium	332	JD	5	125	1500	ug/L	07/03/25 12:35	07/11/25 02:36	6010D	SW3050
7440-47-3	Chromium	530	UD	5	530	2500	ug/L	07/03/25 12:35	07/11/25 02:36	6010D	SW3050
7439-92-1	Lead	575	UD	5	575	3000	ug/L	07/03/25 12:35	07/11/25 02:36	6010D	SW3050
7439-97-6	Mercury	7.60	UD	10	7.60	20.0	ug/L	07/07/25 13:50	07/08/25 10:42	7470A	
7782-49-2	Selenium	2410	UD	5	2410	5000	ug/L	07/03/25 12:35	07/11/25 02:36	6010D	SW3050
7440-22-4	Silver	6890	D	5	405	2500	ug/L	07/03/25 12:35	07/11/25 02:36	6010D	SW3050

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-07	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	1280	UD	5	1280	5000	ug/L	07/03/25 12:35	07/11/25 02:41	6010D	SW3050
7440-39-3	Barium	3640	UD	5	3640	25000	ug/L	07/03/25 12:35	07/11/25 02:41	6010D	SW3050
7440-43-9	Cadmium	125	UD	5	125	1500	ug/L	07/03/25 12:35	07/11/25 02:41	6010D	SW3050
7440-47-3	Chromium	530	UD	5	530	2500	ug/L	07/03/25 12:35	07/11/25 02:41	6010D	SW3050
7439-92-1	Lead	575	UD	5	575	3000	ug/L	07/03/25 12:35	07/11/25 02:41	6010D	SW3050
7439-97-6	Mercury	7.60	UD	10	7.60	20.0	ug/L	07/07/25 13:50	07/08/25 10:44	7470A	
7782-49-2	Selenium	2410	UD	5	2410	5000	ug/L	07/03/25 12:35	07/11/25 02:41	6010D	SW3050
7440-22-4	Silver	3190	D	5	405	2500	ug/L	07/03/25 12:35	07/11/25 02:41	6010D	SW3050

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-08	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	07/03/25 12:35	07/11/25 02:45	6010D	SW3050
7440-39-3	Barium	72.8	U	1	72.8	500	ug/L	07/03/25 12:35	07/11/25 02:45	6010D	SW3050
7440-43-9	Cadmium	6.41	J	1	2.50	30.0	ug/L	07/03/25 12:35	07/11/25 02:45	6010D	SW3050
7440-47-3	Chromium	3110		1	10.6	50.0	ug/L	07/03/25 12:35	07/11/25 02:45	6010D	SW3050
7439-92-1	Lead	87.6		1	11.5	60.0	ug/L	07/03/25 12:35	07/11/25 02:45	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	07/07/25 13:50	07/08/25 10:46	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/03/25 12:35	07/11/25 02:45	6010D	SW3050
7440-22-4	Silver	13.6	J	1	8.10	50.0	ug/L	07/03/25 12:35	07/11/25 02:45	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-09	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	29700	D	10	2560	10000	ug/L	07/03/25 12:35	07/11/25 02:50	6010D	SW3050
7440-39-3	Barium	7280	UD	10	7280	50000	ug/L	07/03/25 12:35	07/11/25 02:50	6010D	SW3050
7440-43-9	Cadmium	5350	D	10	250	3000	ug/L	07/03/25 12:35	07/11/25 02:50	6010D	SW3050
7440-47-3	Chromium	1060	UD	10	1060	5000	ug/L	07/03/25 12:35	07/11/25 02:50	6010D	SW3050
7439-92-1	Lead	1150	UD	10	1150	6000	ug/L	07/03/25 12:35	07/11/25 02:50	6010D	SW3050
7439-97-6	Mercury	7.60	UD	10	7.60	20.0	ug/L	07/07/25 13:50	07/08/25 10:49	7470A	
7782-49-2	Selenium	61700	D	10	4820	10000	ug/L	07/03/25 12:35	07/11/25 02:50	6010D	SW3050
7440-22-4	Silver	1670000	D	10	810	5000	ug/L	07/03/25 12:35	07/11/25 02:50	6010D	SW3050

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-10	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	3970	JD	5	1280	5000	ug/L	07/03/25 12:35	07/11/25 02:55	6010D	SW3050
7440-39-3	Barium	3640	UD	5	3640	25000	ug/L	07/03/25 12:35	07/11/25 02:55	6010D	SW3050
7440-43-9	Cadmium	125	UD	5	125	1500	ug/L	07/03/25 12:35	07/11/25 02:55	6010D	SW3050
7440-47-3	Chromium	530	UD	5	530	2500	ug/L	07/03/25 12:35	07/11/25 02:55	6010D	SW3050
7439-92-1	Lead	575	UD	5	575	3000	ug/L	07/03/25 12:35	07/11/25 02:55	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	07/07/25 13:50	07/08/25 10:51	7470A	
7782-49-2	Selenium	7850	D	5	2410	5000	ug/L	07/03/25 12:35	07/11/25 02:55	6010D	SW3050
7440-22-4	Silver	25300	D	5	405	2500	ug/L	07/03/25 12:35	07/11/25 02:55	6010D	SW3050

Color Before:	Yellow	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB19	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	09:04	LB136391

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB61	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	09:12	LB136391
CCB62	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	09:50	LB136391
CCB63	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	10:26	LB136391
CCB64	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	10:56	LB136391
CCB65	Mercury	0.076	+/-0.2	U	0.20	CV	07/08/2025	11:17	LB136391

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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	07/10/2025	18:55	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	18:55	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	18:55	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	18:55	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	18:55	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	18:55	LB136434

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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	07/10/2025	19:54	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	19:54	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	19:54	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	19:54	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	19:54	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	19:54	LB136434
CCB02	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	21:04	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	21:04	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	21:04	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	21:04	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	21:04	LB136434
CCB03	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	22:36	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	22:36	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	22:36	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	22:36	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	22:36	LB136434
CCB04	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	23:53	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	23:53	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	23:53	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	23:53	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	23:53	LB136434
CCB05	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	00:51	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	00:51	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	00:51	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	00:51	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	00:51	LB136434
CCB06	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	02:23	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	02:23	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	02:23	LB136434

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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	07/11/2025	02:23	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Silver	4.87	+/-5	J	10.0	P	07/11/2025	02:23	LB136434
CCB07	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	03:26	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	03:26	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	03:26	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	03:26	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Silver	4.57	+/-5	J	10.0	P	07/11/2025	03:26	LB136434
CCB08	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	04:27	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	04:27	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	04:27	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	04:27	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Silver	6.06	+/-5	J*	10.0	P	07/11/2025	04:27	LB136434
CCB09	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	05:24	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	05:24	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	05:24	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	05:24	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Silver	2.97	+/-5	J	10.0	P	07/11/2025	05:24	LB136434
CCB10	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	06:21	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	06:21	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	06:21	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	06:21	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	06:21	LB136434
CCB11	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	06:47	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	06:47	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	06:47	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	06:47	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	06:47	LB136434

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168705TB		**WATER**		**Batch Number:**	**PB168742**		**Prep Date:**	**07/07/2025**	
	Mercury	0.76	<2	U	2.00	CV	07/08/2025	11:03	LB136391

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168742BL		**WATER**		**Batch Number:**	**PB168742**		**Prep Date:**	**07/07/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	07/08/2025	10:12	LB136391

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Instrument: P5

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168705TB		**WATER**		**Batch Number:**	**PB168712**		**Prep Date:**	**07/03/2025**	
	Arsenic	25.6	<50	U	100	P	07/10/2025	22:07	LB136434
	Barium	72.8	<250	U	500	P	07/10/2025	22:07	LB136434
	Cadmium	2.50	<15	U	30.0	P	07/10/2025	22:07	LB136434
	Chromium	10.6	<25	U	50.0	P	07/10/2025	22:07	LB136434
	Lead	11.5	<30	U	60.0	P	07/10/2025	22:07	LB136434
	Selenium	48.2	<50	U	100	P	07/10/2025	22:07	LB136434
	Silver	8.10	<25	U	50.0	P	07/10/2025	22:07	LB136434

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168712BL		**WATER**		**Batch Number:**	**PB168712**		**Prep Date:**	**07/03/2025**	
	Arsenic	25.6	<50	U	100	P	07/11/2025	00:25	LB136434
	Barium	72.8	<250	U	500	P	07/11/2025	00:25	LB136434
	Cadmium	2.50	<15	U	30.0	P	07/11/2025	00:25	LB136434
	Chromium	10.6	<25	U	50.0	P	07/11/2025	00:25	LB136434
	Lead	11.5	<30	U	60.0	P	07/11/2025	00:25	LB136434
	Selenium	48.2	<50	U	100	P	07/11/2025	00:25	LB136434
	Silver	8.10	<25	U	50.0	P	07/11/2025	00:25	LB136434

METAL CALIBRATION DATA

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC

SDG No.: Q2481

Contract: ENVI60

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
ICV19	Mercury	4.09	4.0	102	90 - 110	CV	07/08/2025	08:59	LB136391

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC

SDG No.: Q2481

Contract: ENVI60

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
CCV61	Mercury	4.96	5.0	99	90 - 110	CV	07/08/2025	09:07	LB136391
CCV62	Mercury	5.11	5.0	102	90 - 110	CV	07/08/2025	09:44	LB136391
CCV63	Mercury	5.25	5.0	105	90 - 110	CV	07/08/2025	10:24	LB136391
CCV64	Mercury	4.93	5.0	99	90 - 110	CV	07/08/2025	10:53	LB136391
CCV65	Mercury	5.01	5.0	100	90 - 110	CV	07/08/2025	11:14	LB136391

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC

SDG No.: Q2481

Contract: ENVI60

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	3950	4000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Barium	7860	8000	98	90 - 110	P	07/10/2025	18:39	LB136434
	Cadmium	2050	2000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Chromium	800	800	100	90 - 110	P	07/10/2025	18:39	LB136434
	Lead	4060	4000	101	90 - 110	P	07/10/2025	18:39	LB136434
	Selenium	4190	4000	105	90 - 110	P	07/10/2025	18:39	LB136434
	Silver	911	1000	91	90 - 110	P	07/10/2025	18:39	LB136434

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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	21.2	20.0	106	80 - 120	P	07/10/2025	18:51	LB136434
	Barium	98.6	100	99	80 - 120	P	07/10/2025	18:51	LB136434
	Cadmium	5.61	6.0	93	80 - 120	P	07/10/2025	18:51	LB136434
	Chromium	10.5	10.0	105	80 - 120	P	07/10/2025	18:51	LB136434
	Lead	13.2	12.0	110	80 - 120	P	07/10/2025	18:51	LB136434
	Selenium	20.6	20.0	103	80 - 120	P	07/10/2025	18:51	LB136434
	Silver	10.9	10.0	110	80 - 120	P	07/10/2025	18:51	LB136434

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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
CCV01	Arsenic	4910	5000	98	90 - 110	P	07/10/2025	19:43	LB136434
	Barium	10200	10000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Cadmium	2510	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
	Chromium	1010	1000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Lead	4980	5000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Selenium	5060	5000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Silver	1280	1250	103	90 - 110	P	07/10/2025	19:43	LB136434
CCV02	Arsenic	4640	5000	93	90 - 110	P	07/10/2025	20:59	LB136434
	Barium	9760	10000	98	90 - 110	P	07/10/2025	20:59	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/10/2025	20:59	LB136434
	Chromium	962	1000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Lead	4710	5000	94	90 - 110	P	07/10/2025	20:59	LB136434
	Selenium	4800	5000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Silver	1220	1250	97	90 - 110	P	07/10/2025	20:59	LB136434
CCV03	Arsenic	4830	5000	96	90 - 110	P	07/10/2025	22:32	LB136434
	Barium	10000	10000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Cadmium	2480	2500	99	90 - 110	P	07/10/2025	22:32	LB136434
	Chromium	997	1000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Lead	4930	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Selenium	4940	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Silver	1250	1250	100	90 - 110	P	07/10/2025	22:32	LB136434
CCV04	Arsenic	4600	5000	92	90 - 110	P	07/10/2025	23:29	LB136434
	Barium	9570	10000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Cadmium	2350	2500	94	90 - 110	P	07/10/2025	23:29	LB136434
	Chromium	957	1000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Lead	4690	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Selenium	4700	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Silver	1200	1250	96	90 - 110	P	07/10/2025	23:29	LB136434
CCV05	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Barium	9800	10000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	00:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Selenium	4790	5000	96	90 - 110	P	07/11/2025	00:47	LB136434

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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
CCV05	Silver	1220	1250	97	90 - 110	P	07/11/2025	00:47	LB136434
CCV06	Arsenic	4780	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Barium	9810	10000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	01:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Selenium	4810	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Silver	1220	1250	97	90 - 110	P	07/11/2025	01:47	LB136434
CCV07	Arsenic	4640	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Barium	9540	10000	95	90 - 110	P	07/11/2025	03:17	LB136434
	Cadmium	2330	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Chromium	961	1000	96	90 - 110	P	07/11/2025	03:17	LB136434
	Lead	4670	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Selenium	4670	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Silver	1200	1250	96	90 - 110	P	07/11/2025	03:17	LB136434
CCV08	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Barium	9730	10000	97	90 - 110	P	07/11/2025	04:18	LB136434
	Cadmium	2400	2500	96	90 - 110	P	07/11/2025	04:18	LB136434
	Chromium	987	1000	99	90 - 110	P	07/11/2025	04:18	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Selenium	4720	5000	94	90 - 110	P	07/11/2025	04:18	LB136434
	Silver	1220	1250	98	90 - 110	P	07/11/2025	04:18	LB136434
CCV09	Arsenic	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Barium	9960	10000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/11/2025	05:19	LB136434
	Chromium	1000	1000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Lead	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Selenium	4720	5000	94	90 - 110	P	07/11/2025	05:19	LB136434
	Silver	1240	1250	99	90 - 110	P	07/11/2025	05:19	LB136434
CCV10	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Barium	9830	10000	98	90 - 110	P	07/11/2025	06:16	LB136434
	Cadmium	2390	2500	96	90 - 110	P	07/11/2025	06:16	LB136434
	Chromium	988	1000	99	90 - 110	P	07/11/2025	06:16	LB136434
	Lead	4800	5000	96	90 - 110	P	07/11/2025	06:16	LB136434

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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
CCV10	Selenium	4710	5000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:16	LB136434
CCV11	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Barium	9790	10000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Cadmium	2370	2500	95	90 - 110	P	07/11/2025	06:43	LB136434
	Chromium	982	1000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Lead	4770	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Selenium	4660	5000	93	90 - 110	P	07/11/2025	06:43	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:43	LB136434

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

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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
CRA	Mercury	0.25	0.2	125	70 - 130	CV	07/08/2025	09:14	LB136391
CRI01	Arsenic	20.6	20.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Barium	96.3	100	96	65 - 135	P	07/10/2025	19:01	LB136434
	Cadmium	5.33	6.0	89	65 - 135	P	07/10/2025	19:01	LB136434
	Chromium	10.5	10.0	105	65 - 135	P	07/10/2025	19:01	LB136434
	Lead	12.4	12.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Selenium	16.7	20.0	84	65 - 135	P	07/10/2025	19:01	LB136434
	Silver	10.5	10.0	105	65 - 135	P	07/10/2025	19:01	LB136434

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P5

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	2.10			-20	20	07/10/2025	19:11	LB136434
	Barium	5.81	6.0	97	-94	106	07/10/2025	19:11	LB136434
	Cadmium	-0.49	1.0	49	-5	7	07/10/2025	19:11	LB136434
	Chromium	48.9	52.0	94	42	62	07/10/2025	19:11	LB136434
	Lead	0.44			-12	12	07/10/2025	19:11	LB136434
	Selenium	4.66			-20	20	07/10/2025	19:11	LB136434
	Silver	-1.13			-10	10	07/10/2025	19:11	LB136434
ICSAB01	Arsenic	92.1	100	92	88.4	120	07/10/2025	19:15	LB136434
	Barium	505	540	94	437	637	07/10/2025	19:15	LB136434
	Cadmium	972	970	100	826	1120	07/10/2025	19:15	LB136434
	Chromium	548	540	102	460	624	07/10/2025	19:15	LB136434
	Lead	43.4	49.0	89	37	61	07/10/2025	19:15	LB136434
	Selenium	52.3	46.0	114	26	66	07/10/2025	19:15	LB136434
	Silver	217	200	108	170	232	07/10/2025	19:15	LB136434

METAL QC DATA

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

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2481

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2481-01 **client id:** CC0627-ALMS

Percent Solids for Sample: NA **Spiked ID:** Q2481-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3770	D	1000	UD	4000	99		P
Barium	ug/L	75 - 125	1110	JD	5000	UD	1000	106		P
Cadmium	ug/L	75 - 125	1120	D	35.7	JD	1000	109		P
Chromium	ug/L	75 - 125	3750	D	1540	D	2000	110		P
Lead	ug/L	75 - 125	6820	D	1580	D	5000	105		P
Mercury	ug/L	75 - 125	41.9		2.40		40.0	99		CV
Selenium	ug/L	75 - 125	10300	D	1000	UD	10000	102		P
Silver	ug/L	75 - 125	388	JD	500	UD	380	93		P

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

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2481

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2481-01 **client id:** CC0627-ALMSD

Percent Solids for Sample: NA **Spiked ID:** Q2481-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3730	D	1000	UD	4000	98		P
Barium	ug/L	75 - 125	1130	JD	5000	UD	1000	108		P
Cadmium	ug/L	75 - 125	1100	D	35.7	JD	1000	107		P
Chromium	ug/L	75 - 125	3730	D	1540	D	2000	109		P
Lead	ug/L	75 - 125	6660	D	1580	D	5000	102		P
Mercury	ug/L	75 - 125	42.7		2.40		40.0	101		CV
Selenium	ug/L	75 - 125	10000	D	1000	UD	10000	99		P
Silver	ug/L	75 - 125	381	JD	500	UD	380	92		P

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

Metals
- 5b -

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Environmental Restoration, LLC **Level:** LOW **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2481-01 **Client ID:** CC0627-ALDUP

Percent Solids for Sample: NA **Duplicate ID** Q2481-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	1000	UD	1000	UD			P
Barium	ug/L	20	5000	UD	5000	UD			P
Cadmium	ug/L	20	35.7	JD	35.4	JD	1		P
Chromium	ug/L	20	1540	D	1510	D	2		P
Lead	ug/L	20	1580	D	1490	D	6		P
Mercury	ug/L	20	2.40		2.62		9		CV
Selenium	ug/L	20	1000	UD	1000	UD			P
Silver	ug/L	20	500	UD	105	JD			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Environmental Restoration, LLC **Level:** LOW **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2481-01MS **Client ID:** CC0627-ALMSD

Percent Solids for Sample: NA **Duplicate ID** Q2481-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3770	D	3730	D	1		P
Barium	ug/L	20	1110	JD	1130	JD	2		P
Cadmium	ug/L	20	1120	D	1100	D	2		P
Chromium	ug/L	20	3750	D	3730	D	1		P
Lead	ug/L	20	6820	D	6660	D	2		P
Mercury	ug/L	20	41.9		42.7		2		CV
Selenium	ug/L	20	10300	D	10000	D	3		P
Silver	ug/L	20	388	JD	381	JD	2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168712BS							
Arsenic	ug/L	4000	3540		88	80 - 120	P
Barium	ug/L	1000	1000		100	80 - 120	P
Cadmium	ug/L	1000	934		93	80 - 120	P
Chromium	ug/L	2000	2010		100	80 - 120	P
Lead	ug/L	5000	4680		94	80 - 120	P
Selenium	ug/L	10000	9760		98	80 - 120	P
Silver	ug/L	380	352		93	80 - 120	P

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

LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168742BS							
Mercury	ug/L	4.0	3.81		95	80 - 120	CV

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

CC0627-ALL

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **Lb No.:** lb136434 **Lab Sample ID :** Q2481-01L **SDG No.:** Q2481

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	1000	UD	5000	UD			P
Barium	5000	UD	25000	UD			P
Cadmium	35.7	JD	1500	UD	68		P
Chromium	1540	D	1540	JD	0		P
Lead	1580	D	1640	JD	4		P
Mercury	2.40		10.0	U	100.0		CV
Selenium	1000	UD	5000	UD			P
Silver	500	UD	2500	UD			P

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Environmental Restoration, LLC **Contract:** ENVI60

Lab code: ACE **Sdg no.:** Q2481

Instrument id number: **Method:** **Run number:** LB136391

Start date: 07/08/2025 **End date:** 07/08/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0835	HG
S0.2	S0.2	1	0837	HG
S2.5	S2.5	1	0839	HG
S5	S5	1	0842	HG
S7.5	S7.5	1	0844	HG
S10	S10	1	0852	HG
ICV19	ICV19	1	0859	HG
ICB19	ICB19	1	0904	HG
CCV61	CCV61	1	0907	HG
CCB61	CCB61	1	0912	HG
CRA	CRA	1	0914	HG
CCV62	CCV62	1	0944	HG
CCB62	CCB62	1	0950	HG
PB168742BL	PB168742BL	1	1012	HG
PB168742BS	PB168742BS	1	1015	HG
Q2481-01	CC0627-AL	1	1017	HG
Q2481-01DUP	CC0627-ALDUP	1	1019	HG
Q2481-01MS	CC0627-ALMS	1	1021	HG
CCV63	CCV63	1	1024	HG
CCB63	CCB63	1	1026	HG
Q2481-01MSD	CC0627-ALMSD	1	1028	HG
Q2481-02	CC0627-CLOXPL	10	1032	HG
Q2481-03	CC0625-OXBL	10	1034	HG
Q2481-04	CC0627-AOXL	10	1037	HG
Q2481-05	CC0625-NL	1	1039	HG
Q2481-06	CC0267-OXPL	10	1042	HG
Q2481-07	CC0627-OXL	10	1044	HG
Q2481-08	CC0627-CLOXAL	1	1046	HG
Q2481-09	CC0627-BL	10	1049	HG
Q2481-10	CC0627-SFBL	1	1051	HG
CCV64	CCV64	1	1053	HG
CCB64	CCB64	1	1056	HG
PB168705TB	PB168705TB	1	1103	HG
Q2481-01L	CC0627-ALL	5	1110	HG
CCV65	CCV65	1	1114	HG
CCB65	CCB65	1	1117	HG

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Environmental Restoration, LLC **Contract:** ENVI60

Lab code: ACE **Sdg no.:** Q2481

Instrument id number: **Method:** **Run number:** LB136434

Start date: 07/10/2025 **End date:** 07/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1646	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1650	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1659	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1703	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1707	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1839	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1851	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1855	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1901	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1911	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1915	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1943	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1954	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	2059	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	2104	Ag,As,Ba,Cd,Cr,Pb,Se
PB168705TB	PB168705TB	1	2207	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	2232	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	2236	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	2329	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	2353	Ag,As,Ba,Cd,Cr,Pb,Se
PB168712BL	PB168712BL	1	0025	Ag,As,Ba,Cd,Cr,Pb,Se
PB168712BS	PB168712BS	1	0030	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	0047	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	0051	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-01	CC0627-AL	10	0104	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-01DUP	CC0627-ALDUP	10	0109	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-01L	CC0627-ALL	50	0114	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-01MS	CC0627-ALMS	10	0119	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-01MSD	CC0627-ALMSD	10	0124	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-02	CC0627-CLOXPL	10	0134	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-03	CC0625-OXBL	10	0139	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	0147	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	0223	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-04	CC0627-AOXL	5	0227	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-05	CC0625-NL	5	0232	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-06	CC0267-OXPL	5	0236	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-07	CC0627-OXL	5	0241	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-08	CC0627-CLOXAL	1	0245	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-09	CC0627-BL	10	0250	Ag,As,Ba,Cd,Cr,Pb,Se
Q2481-10	CC0627-SFBL	5	0255	Ag,As,Ba,Cd,Cr,Pb,Se

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Environmental Restoration, LLC **Contract:** ENVI60

Lab code: ACE **Sdg no.:** Q2481

Instrument id number: **Method:** **Run number:** LB136434

Start date: 07/10/2025 **End date:** 07/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV07	CCV07	1	0317	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	0326	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	0418	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	0427	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	0519	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	0524	Ag,As,Ba,Cd,Cr,Pb,Se
CCV10	CCV10	1	0616	Ag,As,Ba,Cd,Cr,Pb,Se
CCB10	CCB10	1	0621	Ag,As,Ba,Cd,Cr,Pb,Se
CCV11	CCV11	1	0643	Ag,As,Ba,Cd,Cr,Pb,Se
CCB11	CCB11	1	0647	Ag,As,Ba,Cd,Cr,Pb,Se

METAL PREPARATION & INSTRUMENT DATA

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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

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

LAB CHRONICLE

OrderID:	Q2481	**OrderDate:**	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	**Project:**	CC2-16 Analytical
Contact:	Ryan Simpson	**Location:**	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-01	**CC0627-AL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-02	**CC0627-CLOXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-03	**CC0625-OXBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-04	**CC0627-AOXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-05	**CC0625-NL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-06	**CC0267-OXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-07	**CC0627-OXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-08	**CC0627-CLOXAL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25	
			TCLP Mercury	7470A		07/07/25	07/08/25	
Q2481-09	**CC0627-BL**	**TCLP**			**06/27/25**			**06/27/25**

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

LAB CHRONICLE

			TCLP ICP Metals	6010D		07/03/25	07/11/25
			TCLP Mercury	7470A		07/07/25	07/08/25
Q2481-10	**CC0627-SFBL**	**TCLP**			**06/27/25**		**06/27/25**
			TCLP ICP Metals	6010D		07/03/25	07/11/25
			TCLP Mercury	7470A		07/07/25	07/08/25

METAL PREPARATION & ANALYICAL SUMMARY

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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:	**PB168712**						
PB168705TB	PB168705TB	MB	WATER	07/03/2025	5.0	25.0	
PB168712BL	PB168712BL	MB	WATER	07/03/2025	5.0	25.0	
PB168712BS	PB168712BS	LCS	WATER	07/03/2025	5.0	25.0	
Q2481-01	CC0627-AL	SAM	WATER	07/03/2025	5.0	25.0	
Q2481-01DUP	CC0627-ALDUP	DUP	WATER	07/03/2025	5.0	25.0	
Q2481-01MS	CC0627-ALMS	MS	WATER	07/03/2025	5.0	25.0	
Q2481-01MSD	CC0627-ALMSD	MSD	WATER	07/03/2025	5.0	25.0	
Q2481-02	CC0627-CLOXPL	SAM	WATER	07/03/2025	0.5	25.0	
Q2481-03	CC0625-OXBL	SAM	WATER	07/03/2025	0.5	25.0	
Q2481-04	CC0627-AOXL	SAM	WATER	07/03/2025	0.5	25.0	
Q2481-05	CC0625-NL	SAM	WATER	07/03/2025	5.0	25.0	
Q2481-06	CC0267-OXPL	SAM	WATER	07/03/2025	0.5	25.0	
Q2481-07	CC0627-OXL	SAM	WATER	07/03/2025	0.5	25.0	
Q2481-08	CC0627-CLOXAL	SAM	WATER	07/03/2025	5.0	25.0	
Q2481-09	CC0627-BL	SAM	WATER	07/03/2025	0.5	25.0	
Q2481-10	CC0627-SFBL	SAM	WATER	07/03/2025	0.5	25.0	

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Contract: ENVI60 **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:	**PB168742**						
PB168705TB	PB168705TB	MB	WATER	07/07/2025	3.0	30.0	
PB168742BL	PB168742BL	MB	WATER	07/07/2025	30.0	30.0	
PB168742BS	PB168742BS	LCS	WATER	07/07/2025	30.0	30.0	
Q2481-01	CC0627-AL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-01DUP	CC0627-ALDUP	DUP	WATER	07/07/2025	3.0	30.0	
Q2481-01MS	CC0627-ALMS	MS	WATER	07/07/2025	3.0	30.0	
Q2481-01MSD	CC0627-ALMSD	MSD	WATER	07/07/2025	3.0	30.0	
Q2481-02	CC0627-CLOXPL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-03	CC0625-OXBL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-04	CC0627-AOXL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-05	CC0625-NL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-06	CC0267-OXPL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-07	CC0627-OXL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-08	CC0627-CLOXAL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-09	CC0627-BL	SAM	WATER	07/07/2025	3.0	30.0	
Q2481-10	CC0627-SFBL	SAM	WATER	07/07/2025	3.0	30.0	

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136391

Review By	MOHAN	Review On	7/9/2025 11:32:13 AM
Supervise By	jaswal	Supervise On	7/9/2025 11:32:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86304

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/08/25 08:35		MOHAN	OK
2	S0.2	S0.2	CAL2	07/08/25 08:37		MOHAN	OK
3	S2.5	S2.5	CAL3	07/08/25 08:39		MOHAN	OK
4	S5	S5	CAL4	07/08/25 08:42		MOHAN	OK
5	S7.5	S7.5	CAL5	07/08/25 08:44		MOHAN	OK
6	S10	S10	CAL6	07/08/25 08:52		MOHAN	OK
7	ICV19	ICV19	ICV	07/08/25 08:59		MOHAN	OK
8	ICB19	ICB19	ICB	07/08/25 09:04		MOHAN	OK
9	CCV61	CCV61	CCV	07/08/25 09:07		MOHAN	OK
10	CCB61	CCB61	CCB	07/08/25 09:12		MOHAN	OK
11	CRA	CRA	CRDL	07/08/25 09:14		MOHAN	OK
12	HighStd	HighStd	HIGH STD	07/08/25 09:19		MOHAN	OK
13	ChkStd	ChkStd	SAM	07/08/25 09:21		MOHAN	OK
14	PB168741BL	PB168741BL	MB	07/08/25 09:24		MOHAN	OK
15	PB168741BS	PB168741BS	LCS	07/08/25 09:30		MOHAN	OK
16	Q2473-05	PIT#1	SAM	07/08/25 09:33		MOHAN	OK
17	Q2473-06	PIT#2	SAM	07/08/25 09:35		MOHAN	OK
18	Q2473-07	PIT#3	SAM	07/08/25 09:37		MOHAN	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136391

Review By	MOHAN	Review On	7/9/2025 11:32:13 AM
Supervise By	jaswal	Supervise On	7/9/2025 11:32:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86304

19	Q2473-08	PIT#4	SAM	07/08/25 09:40		MOHAN	OK
20	Q2474-01	FO-1	SAM	07/08/25 09:42		MOHAN	OK
21	CCV62	CCV62	CCV	07/08/25 09:44		MOHAN	OK
22	CCB62	CCB62	CCB	07/08/25 09:50		MOHAN	OK
23	Q2478-04	WC-1	SAM	07/08/25 09:52		MOHAN	OK
24	Q2493-04	WC-11	SAM	07/08/25 09:55		MOHAN	OK
25	Q2493-04DUP	WC-11DUP	DUP	07/08/25 09:57		MOHAN	OK
26	Q2493-04MS	WC-11MS	MS	07/08/25 10:05		MOHAN	OK
27	Q2493-04MSD	WC-11MSD	MSD	07/08/25 10:07		MOHAN	OK
28	PB168742BL	PB168742BL	MB	07/08/25 10:12		MOHAN	OK
29	PB168742BS	PB168742BS	LCS	07/08/25 10:15		MOHAN	OK
30	Q2481-01	CC0627-AL	SAM	07/08/25 10:17		MOHAN	OK
31	Q2481-01DUP	CC0627-ALDUP	DUP	07/08/25 10:19		MOHAN	OK
32	Q2481-01MS	CC0627-ALMS	MS	07/08/25 10:21		MOHAN	OK
33	CCV63	CCV63	CCV	07/08/25 10:24		MOHAN	OK
34	CCB63	CCB63	CCB	07/08/25 10:26		MOHAN	OK
35	Q2481-01MSD	CC0627-ALMSD	MSD	07/08/25 10:28		MOHAN	OK
36	Q2481-02DL	CC0627-CLOXPLDL	SAM	07/08/25 10:32	Report Straight 10X	MOHAN	OK
37	Q2481-03DL	CC0625-OXBLDL	SAM	07/08/25 10:34	Report Straight 10X	MOHAN	OK
38	Q2481-04DL	CC0627-AOXLDL	SAM	07/08/25 10:37	Report Straight 10X	MOHAN	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136391

Review By	MOHAN	Review On	7/9/2025 11:32:13 AM
Supervise By	jaswal	Supervise On	7/9/2025 11:32:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP86288,MP86289,MP86290,MP86291,MP86292,MP86293
ICV Standard	MP86294
CCV Standard	MP86296
ICSA Standard	
CRI Standard	MP86298
LCS Standard	
Chk Standard	MP86295,MP86297,MP8699,MP86304

39	Q2481-05	CC0625-NL	SAM	07/08/25 10:39		MOHAN	OK
40	Q2481-06DL	CC0267-OXPLDL	SAM	07/08/25 10:42	Report Straight 10X	MOHAN	OK
41	Q2481-07DL	CC0627-OXLDL	SAM	07/08/25 10:44	Report Straight 10X	MOHAN	OK
42	Q2481-08	CC0627-CLOXAL	SAM	07/08/25 10:46		MOHAN	OK
43	Q2481-09DL	CC0627-BLDL	SAM	07/08/25 10:49	Report Straight 10X	MOHAN	OK
44	Q2481-10	CC0627-SFBL	SAM	07/08/25 10:51		MOHAN	OK
45	CCV64	CCV64	CCV	07/08/25 10:53		MOHAN	OK
46	CCB64	CCB64	CCB	07/08/25 10:56		MOHAN	OK
47	PB168689TB	PB168689TB	MB	07/08/25 10:58		MOHAN	OK
48	PB168705TB	PB168705TB	MB	07/08/25 11:03		MOHAN	OK
49	Q2493-04L	WC-11L	SD	07/08/25 11:05		MOHAN	OK
50	Q2493-04A	WC-11A	PS	07/08/25 11:07		MOHAN	OK
51	Q2481-01L	CC0627-ALL	SD	07/08/25 11:10		MOHAN	OK
52	Q2481-01A	CC0627-ALA	PS	07/08/25 11:12		MOHAN	OK
53	CCV65	CCV65	CCV	07/08/25 11:14		MOHAN	OK
54	CCB65	CCB65	CCB	07/08/25 11:17		MOHAN	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	janvi	Supervise On	7/14/2025 9:24:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/10/25 16:46		Janvi	OK
2	S1	S1	CAL2	07/10/25 16:50		Janvi	OK
3	S2	S2	CAL3	07/10/25 16:55		Janvi	OK
4	S3	S3	CAL4	07/10/25 16:59		Janvi	OK
5	S4	S4	CAL5	07/10/25 17:03		Janvi	OK
6	S5	S5	CAL6	07/10/25 17:07		Janvi	OK
7	ICV01	ICV01	ICV	07/10/25 18:39	ICV fail for K,Ag (200.7) (95-105)	Janvi	OK
8	LLICV01	LLICV01	LLICV	07/10/25 18:51		Janvi	OK
9	ICB01	ICB01	ICB	07/10/25 18:55		Janvi	OK
10	CRI01	CRI01	CRDL	07/10/25 19:01		Janvi	OK
11	ICSA01	ICSA01	ICSA	07/10/25 19:11		Janvi	OK
12	ICSAB01	ICSAB01	ICSAB	07/10/25 19:15		Janvi	OK
13	ICSADL	ICSADL	ICSA	07/10/25 19:20		Janvi	OK
14	ICSABDL	ICSABDL	ICSAB	07/10/25 19:24		Janvi	OK
15	CCV01	CCV01	CCV	07/10/25 19:43		Janvi	OK
16	CCB01	CCB01	CCB	07/10/25 19:54		Janvi	OK
17	Q2532-01	001-WILLETS-PT-BL	SAM	07/10/25 19:58		Janvi	OK
18	Q2532-02	002-35th-Ave(May)	SAM	07/10/25 20:03		Janvi	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	janvi	Supervise On	7/14/2025 9:24:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

19	Q2533-01	001 WILLETS PT BLV	SAM	07/10/25 20:08		Janvi	OK
20	Q2533-02	002-35th-Ave(JUNE)	SAM	07/10/25 20:12		Janvi	OK
21	Q2509-01	AUD-25-0110-0111	SAM	07/10/25 20:17		Janvi	OK
22	Q2512-01	WATER TREATMENT	SAM	07/10/25 20:21		Janvi	OK
23	Q2520-04	A-4	SAM	07/10/25 20:26		Janvi	OK
24	Q2520-04DUP	A-4DUP	DUP	07/10/25 20:30	Wrong Qc	Janvi	Not Ok
25	Q2520-04L	A-4L	SD	07/10/25 20:35	Wrong Qc	Janvi	Not Ok
26	Q2520-04MS	A-4MS	MS	07/10/25 20:55	Wrong Qc , confirm wt/vol	Janvi	Not Ok
27	CCV02	CCV02	CCV	07/10/25 20:59		Janvi	OK
28	CCB02	CCB02	CCB	07/10/25 21:04		Janvi	OK
29	Q2520-04MSD	A-4MSD	MSD	07/10/25 21:09	Wrong Qc , confirm wt/vol	Janvi	Not Ok
30	Q2520-04A	A-4A	PS	07/10/25 21:14	Wrong Qc	Janvi	Not Ok
31	PB168772BL	PB168772BL	MB	07/10/25 21:18	LCS fail for Fe	Janvi	Not Ok
32	Q2512-01DUP	WATER TREATMENT	DUP	07/10/25 21:27	K oversaturated	Janvi	Dilution
33	PB168772BS	PB168772BS	LCS	07/10/25 21:31	LCS fail for Fe	Janvi	Not Ok
34	Q2512-01L	WATER TREATMENT	SD	07/10/25 21:36		Janvi	OK
35	Q2512-01MS	WATER TREATMENT	MS	07/10/25 21:50	K oversaturated	Janvi	Dilution
36	Q2512-01MSD	WATER TREATMENT	MSD	07/10/25 21:59	K oversaturated	Janvi	Dilution
37	Q2512-01A	WATER TREATMENT	PS	07/10/25 22:03	K oversaturated	Janvi	Dilution
38	PB168705TB	PB168705TB	MB	07/10/25 22:07		Janvi	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	janvi	Supervise On	7/14/2025 9:24:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

39	CCV03	CCV03	CCV	07/10/25 22:32		Janvi	OK
40	CCB03	CCB03	CCB	07/10/25 22:36		Janvi	OK
41	Q2477-01	50728	SAM	07/10/25 22:41	confirm wt/vol	Janvi	OK
42	Q2477-01DUP	50728DUP	DUP	07/10/25 22:45		Janvi	OK
43	Q2477-01L	50728L	SD	07/10/25 22:49		Janvi	OK
44	Q2477-01MS	50728MS	MS	07/10/25 22:54		Janvi	OK
45	Q2477-01MSD	50728MSD	MSD	07/10/25 22:58		Janvi	OK
46	Q2477-01A	50728A	PS	07/10/25 23:02		Janvi	OK
47	Q2473-07	PIT#3	SAM	07/10/25 23:07		Janvi	OK
48	Q2473-08	PIT#4	SAM	07/10/25 23:11		Janvi	OK
49	PB168748BL	PB168748BL	MB	07/10/25 23:16		Janvi	OK
50	PB168748BS	PB168748BS	LCS	07/10/25 23:20		Janvi	OK
51	CCV04	CCV04	CCV	07/10/25 23:29		Janvi	OK
52	CCB04	CCB04	CCB	07/10/25 23:53		Janvi	OK
53	Q2512-01DL	WATER TREATMENT	SAM	07/10/25 23:57	5x for K	Janvi	Confirms
54	Q2512-01DUPDL	WATER TREATMENT	DUP	07/11/25 00:02	5x for K	Janvi	Confirms
55	Q2512-01LDL	WATER TREATMENT	SD	07/11/25 00:07		Janvi	OK
56	Q2512-01MSDL	WATER TREATMENT	MS	07/11/25 00:11	5x for K	Janvi	Confirms
57	Q2512-01MSDDL	WATER TREATMENT	MSD	07/11/25 00:16	5x for K	Janvi	Confirms
58	Q2512-01ADL	WATER TREATMENT	PS	07/11/25 00:20	5x for K	Janvi	Confirms

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	janvi	Supervise On	7/14/2025 9:24:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

59	PB168712BL	PB168712BL	MB	07/11/25 00:25		Janvi	OK
60	PB168712BS	PB168712BS	LCS	07/11/25 00:30		Janvi	OK
61	PB168740BL	PB168740BL	MB	07/11/25 00:34		Janvi	OK
62	PB168740BS	PB168740BS	LCS	07/11/25 00:38		Janvi	OK
63	CCV05	CCV05	CCV	07/11/25 00:47		Janvi	OK
64	CCB05	CCB05	CCB	07/11/25 00:51		Janvi	OK
65	PB168739BL	PB168739BL	MB	07/11/25 00:56		Janvi	OK
66	PB168739BS	PB168739BS	LCS	07/11/25 01:00		Janvi	OK
67	Q2481-01DL	CC0627-ALDL	SAM	07/11/25 01:04	Straight 10x for All elements	Janvi	OK
68	Q2481-01DUPDL	CC0627-ALDUPDL	DUP	07/11/25 01:09	Straight 10x for All elements	Janvi	OK
69	Q2481-01LDL	CC0627-ALLDL	SD	07/11/25 01:14	Straight 50x for All elements	Janvi	OK
70	Q2481-01MSDL	CC0627-ALMSDL	MS	07/11/25 01:19	Straight 10x for All elements	Janvi	OK
71	Q2481-01MSDDL	CC0627-ALMSDDL	MSD	07/11/25 01:24	Straight 10x for All elements	Janvi	OK
72	Q2481-01ADL	CC0627-ALADL	PS	07/11/25 01:29	Straight 10x for All elements	Janvi	OK
73	Q2481-02DL	CC0627-CLOXPLDL	SAM	07/11/25 01:34	Straight 10x for All elements	Janvi	OK
74	Q2481-03DL	CC0625-OXBLDL	SAM	07/11/25 01:39	Straight 10x for All elements	Janvi	OK
75	CCV06	CCV06	CCV	07/11/25 01:47		Janvi	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	janvi	Supervise On	7/14/2025 9:24:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

76	CCB06	CCB06	CCB	07/11/25 02:23		Janvi	OK
77	Q2481-04DL	CC0627-AOXLDL	SAM	07/11/25 02:27	Straight 5x for All elements	Janvi	OK
78	Q2481-05DL	CC0625-NLDL	SAM	07/11/25 02:32	Straight 5x for All elements	Janvi	OK
79	Q2481-06DL	CC0267-OXPLDL	SAM	07/11/25 02:36	Straight 5x for All elements	Janvi	OK
80	Q2481-07DL	CC0627-OXLDL	SAM	07/11/25 02:41	Straight 5x for All elements	Janvi	OK
81	Q2481-08	CC0627-CLOXAL	SAM	07/11/25 02:45		Janvi	OK
82	Q2481-09DL	CC0627-BLDL	SAM	07/11/25 02:50	Straight 10x for All elements	Janvi	OK
83	Q2481-10DL	CC0627-SFBLDL	SAM	07/11/25 02:55	Straight 5x for All elements	Janvi	OK
84	Q2481-03DL2	CC0625-OXBLDL2	SAM	07/11/25 02:59	NOT USE	Janvi	Not Ok
85	Q2487-11DL	G3(0-6)DL	SAM	07/11/25 03:04	5x for Zn, Still Zn high	Janvi	Dilution
86	Q2487-16DL	G1(6-12)DL	SAM	07/11/25 03:08	5x for Zn, Still Zn high	Janvi	Dilution
87	CCV07	CCV07	CCV	07/11/25 03:17		Janvi	OK
88	CCB07	CCB07	CCB	07/11/25 03:26		Janvi	OK
89	Q2487-14DL	G2(6-12)DL	SAM	07/11/25 03:30	5x for Zn	Janvi	Confirms
90	Q2520-21	A-21	SAM	07/11/25 03:34		Janvi	OK
91	Q2520-22	A-22	SAM	07/11/25 03:39		Janvi	OK
92	Q2520-23	A-23	SAM	07/11/25 03:43		Janvi	OK
93	PB168771BL	PB168771BL	MB	07/11/25 03:48		Janvi	OK
94	PB168771BS	PB168771BS	LCS	07/11/25 03:52		Janvi	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	janvi	Supervise On	7/14/2025 9:24:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

95	Q2520-01	A-1	SAM	07/11/25 03:56		Janvi	OK
96	Q2520-02	A-2	SAM	07/11/25 04:01		Janvi	OK
97	Q2520-03	A-3	SAM	07/11/25 04:05		Janvi	OK
98	Q2520-04RE	A-4RE	SAM	07/11/25 04:10	NOT USE	Janvi	Not Ok
99	CCV08	CCV08	CCV	07/11/25 04:18		Janvi	OK
100	CCB08	CCB08	CCB	07/11/25 04:27	CCB fail for Ag	Janvi	OK
101	Q2520-05	A-5	SAM	07/11/25 04:31		Janvi	OK
102	Q2520-06	A-6	SAM	07/11/25 04:36	Bad injection	Janvi	Not Ok
103	Q2520-07	A-7	SAM	07/11/25 04:40		Janvi	OK
104	Q2520-08	A-8	SAM	07/11/25 04:44		Janvi	OK
105	Q2520-09	A-9	SAM	07/11/25 04:49		Janvi	OK
106	Q2520-10	A-10	SAM	07/11/25 04:53		Janvi	OK
107	Q2520-11	A-11	SAM	07/11/25 04:58		Janvi	OK
108	Q2520-12	A-12	SAM	07/11/25 05:02		Janvi	OK
109	Q2520-13	A-13	SAM	07/11/25 05:06		Janvi	OK
110	Q2520-14	A-14	SAM	07/11/25 05:11		Janvi	OK
111	CCV09	CCV09	CCV	07/11/25 05:19		Janvi	OK
112	CCB09	CCB09	CCB	07/11/25 05:24		Janvi	OK
113	Q2520-15	A-15	SAM	07/11/25 05:33		Janvi	OK
114	Q2520-16	A-16	SAM	07/11/25 05:37		Janvi	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136434

Review By	jaswal	Review On	7/12/2025 3:14:54 AM
Supervise By	janvi	Supervise On	7/14/2025 9:24:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212
ICV Standard	MP86219
CCV Standard	MP86216
ICSA Standard	MP86214,MP86220
CRI Standard	MP86212
LCS Standard	
Chk Standard	MP86217,MP86218

115	Q2520-17	A-17	SAM	07/11/25 05:41		Janvi	OK
116	Q2520-18	A-18	SAM	07/11/25 05:46		Janvi	OK
117	Q2520-19	A-19	SAM	07/11/25 05:50		Janvi	OK
118	Q2520-20	A-20	SAM	07/11/25 05:55		Janvi	OK
119	Q2520-20DUP	A-20DUP	DUP	07/11/25 05:59		Janvi	OK
120	Q2520-20L	A-20L	SD	07/11/25 06:03		Janvi	OK
121	Q2520-20MS	A-20MS	MS	07/11/25 06:08		Janvi	OK
122	CCV10	CCV10	CCV	07/11/25 06:16		Janvi	OK
123	CCB10	CCB10	CCB	07/11/25 06:21		Janvi	OK
124	Q2520-20MSD	A-20MSD	MSD	07/11/25 06:30		Janvi	OK
125	Q2520-20A	A-20A	PS	07/11/25 06:34		Janvi	OK
126	CCV11	CCV11	CCV	07/11/25 06:43		Janvi	OK
127	CCB11	CCB11	CCB	07/11/25 06:47		Janvi	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168712

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 07/03/2025 **Time :** 12:35 **Temp :** 96 °C

End Digest Date: 07/03/2025 **Time :** 15:40 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKG.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
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	M6158
1:1 HCL	5.00	MP85156
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
07/03/25 16:40	SKG. met. dig	Lindsay Cobb
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168712

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168705TB	PB168705TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	25
PB168712BL	PBW712	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	26
PB168712BS	LCS712	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	27
Q2481-01MS	CC0627-ALMS	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	30
Q2481-01MSD	CC0627-ALMSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	31
Q2481-01DUP	CC0627-ALDUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	29
Q2481-01	CC0627-AL	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	28
Q2481-02	CC0627-CLOXPL	<2	0.50	25	Brown	Colorless	Clear	Clear	N/A	32
Q2481-03	CC0625-OXBL	<2	0.50	25	Brown	Colorless	Clear	Clear	N/A	33
Q2481-04	CC0627-AOXL	<2	0.50	25	light Brown	Colorless	Clear	Clear	N/A	34
Q2481-05	CC0625-NL	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	35
Q2481-06	CC0267-OXPL	<2	0.50	25	Brown	Colorless	Clear	Clear	N/A	36
Q2481-07	CC0627-OXL	<2	0.50	25	Brown	Colorless	Clear	Clear	N/A	37
Q2481-08	CC0627-CLOXAL	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	38
Q2481-09	CC0627-BL	<2	0.50	25	Brown	Colorless	Clear	Clear	N/A	39
Q2481-10	CC0627-SFBL	<2	0.50	25	Yellow	Colorless	Clear	Clear	N/A	40

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168742

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 07/07/2025 **Time :** 13:50 **Temp :** 95 °C

End Digest Date: 07/07/2025 **Time :** 15:50 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86294
CCV	30mL	MP86296
CRA	30mL	MP86298
Blank Spike	0.48mL	MP86287
Matrix Spike	0.48mL	MP86287

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
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	MP86288
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP862
2.5 ppb	S2.5	30mL	MP86290
5.0 ppb	S5.0	30mL	MP86291
7.5 ppb	S7.5	30mL	MP86292
10.0 ppb	S10.0	30mL	MP86293
ICV	ICV	30mL	MP86294
ICB	ICB	30mL	MP86295
CCV	CCV	30mL	MP86296
CCB	CCB	30mL	MP86297
CRI	CRI	30mL	MP86298
CHK STD	CHK STD	30mL	MP86299

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/7/25 16:00		
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168742

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168705TB	PB168705TB	3	30	<2	N/A	3-14
PB168742BL	PBW742	30	30	<2	N/A	15
PB168742BS	LCS742	30	30	<2	MP86287	16
Q2481-01DUP	CC0627-ALDUP	3	30	<2	N/A	18
Q2481-01MS	CC0627-ALMS	3	30	<2	MP86287	19
Q2481-01MSD	CC0627-ALMSD	3	30	<2	MP86287	20
Q2481-01	CC0627-AL	3	30	<2	N/A	17
Q2481-02	CC0627-CLOXPL	3	30	<2	N/A	21
Q2481-03	CC0625-OXBL	3	30	<2	N/A	22
Q2481-04	CC0627-AOXL	3	30	<2	N/A	23
Q2481-05	CC0625-NL	3	30	<2	N/A	24
Q2481-06	CC0267-OXPL	3	30	<2	N/A	25
Q2481-07	CC0627-OXL	3	30	<2	N/A	26
Q2481-08	CC0627-CLOXAL	3	30	<2	N/A	27
Q2481-09	CC0627-BL	3	30	<2	N/A	28
Q2481-10	CC0627-SFBL	3	30	<2	N/A	29

A B C D E F G H I J

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168705

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : 12

Standared 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
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
N/A	N/A	N/A
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. q2481-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/03/25 11:00	JP / LPS Room	SUB / MEDIA
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168705

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
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.0	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	1.5	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.0	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB168705

Hot Block ID : N/A

Thermometer ID : N/A

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
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A

SAMPLE DATA

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:19
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		07/08/25 14:00	1010B
pH	1.50	H	1	0	0	pH		07/03/25 09:35	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:21
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-02	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	108		1	0	0	o F		07/08/25 15:00	1010B
pH	5.02	H	1	0	0	pH		07/03/25 09:40	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:23
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-03	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		07/08/25 15:30	1010B
pH	14.1	H	1	0	0	pH		07/03/25 10:00	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-04	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		07/08/25 16:00	1010B
pH	1.50	H	1	0	0	pH		07/03/25 10:10	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:27
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-05	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		07/08/25 11:00	1010B
pH	10.0	H	1	0	0	pH		07/03/25 10:25	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:29
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-06	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	127		1	0	0	o F		07/08/25 12:00	1010B
pH	6.02	H	1	0	0	pH		07/03/25 10:35	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:31
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-07	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	92.9		1	0	0	o F		07/08/25 12:30	1010B
pH	6.02	H	1	0	0	pH		07/03/25 10:40	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:33
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-08	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		07/08/25 13:00	1010B
pH	5.03	H	1	0	0	pH		07/03/25 10:45	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:35
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-09	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		07/08/25 13:30	1010B
pH	14.0	H	1	0	0	pH		07/03/25 10:50	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25 10:37
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-10	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		07/08/25 14:00	1010B
pH	14.1	H	1	0	0	pH		07/03/25 11:15	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

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

Initial and Continuing Calibration Verification

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Project: CC2-16 Analytical **RunNo.:** LB136367

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.02	7	100	90-110	07/03/2025
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	07/03/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	07/03/2025
Sample ID:	CCV3						
pH		pH	2.01	2.00	101	90-110	07/03/2025

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

Initial and Continuing Calibration Verification

Client:	Environmental Restoration, LLC	**SDG No.:**	Q2481
Project:	CC2-16 Analytical	**RunNo.:**	LB136395

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Flash Point	o F	82.4	81	102	78-84	07/08/2025

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

Initial and Continuing Calibration Verification

Client:	Environmental Restoration, LLC	**SDG No.:**	Q2481
Project:	CC2-16 Analytical	**RunNo.:**	LB136398

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Flash Point	o F	82.1	81	101	78-84	07/08/2025

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

Duplicate Sample Summary

Client: Environmental Restoration, LLC
SDG No.: Q2481
Project: CC2-16 Analytical
Sample ID: Q2481-01
Client ID: CC0627-ALDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	1.50		1.36		1	9.79		07/03/2025
Flash Point	o F	+/-2	>212.0		>212.0		1	0		07/08/2025

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

Duplicate Sample Summary

Client: Environmental Restoration, LLC
SDG No.: Q2481
Project: CC2-16 Analytical
Sample ID: Q2481-05
Client ID: CC0625-NLDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Flash Point	o F	+/-2	>212.0		>212.0		1	0		07/08/2025

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

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136367

Review By	jignesh	Review On	7/3/2025 9:29:38 AM
Supervise By	Iwona	Supervise On	7/3/2025 12:55:38 PM
SubDirectory	LB136367	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	07/03/25 09:10		jignesh	OK
2	CAL2	CAL2	CAL	07/03/25 09:11		jignesh	OK
3	CAL3	CAL3	CAL	07/03/25 09:15		jignesh	OK
4	ICV	ICV	ICV	07/03/25 09:20		jignesh	OK
5	CCV1	CCV1	CCV	07/03/25 09:25		jignesh	OK
6	Q2481-01	CC0627-AL	SAM	07/03/25 09:35		jignesh	OK
7	Q2481-01DUP	CC0627-ALDUP	DUP	07/03/25 09:36		jignesh	OK
8	Q2481-02	CC0627-CLOXPL	SAM	07/03/25 09:40		jignesh	OK
9	Q2481-03	CC0625-OXBL	SAM	07/03/25 10:00		jignesh	OK
10	Q2481-04	CC0627-AOXL	SAM	07/03/25 10:10		jignesh	OK
11	Q2481-05	CC0625-NL	SAM	07/03/25 10:25		jignesh	OK
12	Q2481-06	CC0267-OXPL	SAM	07/03/25 10:35		jignesh	OK
13	Q2481-07	CC0627-OXL	SAM	07/03/25 10:40		jignesh	OK
14	Q2481-08	CC0627-CLOXAL	SAM	07/03/25 10:45		jignesh	OK
15	Q2481-09	CC0627-BL	SAM	07/03/25 10:50		jignesh	OK
16	CCV2	CCV2	CCV	07/03/25 11:00		jignesh	OK
17	Q2481-10	CC0627-SFBL	SAM	07/03/25 11:15		jignesh	OK
18	CCV3	CCV3	CCV	07/03/25 11:20		jignesh	OK

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

Instrument ID: IGN-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136395

Review By	Iwona	Review On	7/8/2025 2:12:17 PM
Supervise By	jignesh	Supervise On	7/8/2025 3:00:27 PM
SubDirectory	LB136395	Test	Flash Point

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	W3194

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	ICV	ICV	ICV	07/08/25 13:30		Iwona	OK
2	Q2481-01	CC0627-AL	SAM	07/08/25 14:00		Iwona	OK
3	Q2481-01DUP	CC0627-ALDUP	DUP	07/08/25 14:30		Iwona	OK
4	Q2481-02	CC0627-CLOXPL	SAM	07/08/25 15:00		Iwona	OK
5	Q2481-03	CC0625-OXBL	SAM	07/08/25 15:30		Iwona	OK
6	Q2481-04	CC0627-AOXL	SAM	07/08/25 16:00		Iwona	OK

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

Instrument ID: IGN-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136398

Review By	Iwona	Review On	7/8/2025 3:58:30 PM
Supervise By	jignesh	Supervise On	7/8/2025 4:36:35 PM
SubDirectory	LB136398	Test	Flash Point

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	W3194

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	ICV	ICV	ICV	07/08/25 10:30		Iwona	OK
2	Q2481-05	CC0625-NL	SAM	07/08/25 11:00		Iwona	OK
3	Q2481-05DUP	CC0625-NLDUP	DUP	07/08/25 11:30		Iwona	OK
4	Q2481-06	CC0267-OXPL	SAM	07/08/25 12:00		Iwona	OK
5	Q2481-07	CC0627-OXL	SAM	07/08/25 12:30		Iwona	OK
6	Q2481-08	CC0627-CLOXAL	SAM	07/08/25 13:00		Iwona	OK
7	Q2481-09	CC0627-BL	SAM	07/08/25 13:30		Iwona	OK
8	Q2481-10	CC0627-SFBL	SAM	07/08/25 14:00		Iwona	OK

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

LAB CHRONICLE

OrderID:	Q2481	**OrderDate:**	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	**Project:**	CC2-16 Analytical
Contact:	Ryan Simpson	**Location:**	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-01	**CC0627-AL**	**Water**			**06/27/25 10:19**			**06/27/25**
			Flash Point	1010B			07/08/25 14:00	
			pH	9040C			07/03/25 09:35	
Q2481-02	**CC0627-CLOXPL**	**Water**			**06/27/25 10:21**			**06/27/25**
			Flash Point	1010B			07/08/25 15:00	
			pH	9040C			07/03/25 09:40	
Q2481-03	**CC0625-OXBL**	**Water**			**06/27/25 10:23**			**06/27/25**
			Flash Point	1010B			07/08/25 15:30	
			pH	9040C			07/03/25 10:00	
Q2481-04	**CC0627-AOXL**	**Water**			**06/27/25 10:25**			**06/27/25**
			Flash Point	1010B			07/08/25 16:00	
			pH	9040C			07/03/25 10:10	
Q2481-05	**CC0625-NL**	**Water**			**06/27/25 10:27**			**06/27/25**
			Flash Point	1010B			07/08/25 11:00	

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

LAB CHRONICLE

			pH	9040C		07/03/25 10:25	
Q2481-06	**CC0267-OXPL**	**Water**			**06/27/25 10:29**		**06/27/25**
			Flash Point	1010B		07/08/25 12:00	
			pH	9040C		07/03/25 10:35	
Q2481-07	**CC0627-OXL**	**Water**			**06/27/25 10:31**		**06/27/25**
			Flash Point	1010B		07/08/25 12:30	
			pH	9040C		07/03/25 10:40	
Q2481-08	**CC0627-CLOXAL**	**Water**			**06/27/25 10:33**		**06/27/25**
			Flash Point	1010B		07/08/25 13:00	
			pH	9040C		07/03/25 10:45	
Q2481-09	**CC0627-BL**	**Water**			**06/27/25 10:35**		**06/27/25**
			Flash Point	1010B		07/08/25 13:30	
			pH	9040C		07/03/25 10:50	
Q2481-10	**CC0627-SFBL**	**Water**			**06/27/25 10:37**		**06/27/25**
			Flash Point	1010B		07/08/25 14:00	
			pH	9040C		07/03/25 11:15	