

Hit Summary Sheet
SW-846

SDG No.: Q3719
Client: Remington & Vernick

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SB-1125-12A							
Q3719-05	SB-1125-12A	SOIL	Acetone	46.5		7.10	37.5	ug/Kg
			Total Voc :	46.5				
			Total Concentration:	46.5				
Client ID:	SB-1125-17B							
Q3719-14	SB-1125-17B	SOIL	Acetone	96.6		6.60	34.7	ug/Kg
Q3719-14	SB-1125-17B	SOIL	2-Butanone	25.7	J	9.10	34.7	ug/Kg
			Total Voc :	122				
			Total Concentration:	122				



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-10A
Lab Sample ID: Q3719-01
Analytical Method: 8260D
Sample Wt/Vol: 5.47 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 76.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.00	ug/Kg	11/25/25 13:26	VW112525
74-87-3	Chloromethane	1.40	U	1	1.40	6.00	ug/Kg	11/25/25 13:26	VW112525
75-01-4	Vinyl Chloride	0.95	U	1	0.95	6.00	ug/Kg	11/25/25 13:26	VW112525
74-83-9	Bromomethane	1.30	U	1	1.30	6.00	ug/Kg	11/25/25 13:26	VW112525
75-00-3	Chloroethane	1.50	U	1	1.50	6.00	ug/Kg	11/25/25 13:26	VW112525
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.00	ug/Kg	11/25/25 13:26	VW112525
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.00	ug/Kg	11/25/25 13:26	VW112525
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.00	ug/Kg	11/25/25 13:26	VW112525
67-64-1	Acetone	5.70	U	1	5.70	30.0	ug/Kg	11/25/25 13:26	VW112525
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.00	ug/Kg	11/25/25 13:26	VW112525
1634-04-4	Methyl tert-butyl Ether	0.88	U	1	0.88	6.00	ug/Kg	11/25/25 13:26	VW112525
79-20-9	Methyl Acetate	1.80	U	1	1.80	6.00	ug/Kg	11/25/25 13:26	VW112525
75-09-2	Methylene Chloride	4.20	U	1	4.20	12.0	ug/Kg	11/25/25 13:26	VW112525
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	6.00	ug/Kg	11/25/25 13:26	VW112525
75-34-3	1,1-Dichloroethane	0.96	U	1	0.96	6.00	ug/Kg	11/25/25 13:26	VW112525
110-82-7	Cyclohexane	0.95	U	1	0.95	6.00	ug/Kg	11/25/25 13:26	VW112525
78-93-3	2-Butanone	7.80	U	1	7.80	30.0	ug/Kg	11/25/25 13:26	VW112525
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.00	ug/Kg	11/25/25 13:26	VW112525
156-59-2	cis-1,2-Dichloroethene	0.90	U	1	0.90	6.00	ug/Kg	11/25/25 13:26	VW112525
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.00	ug/Kg	11/25/25 13:26	VW112525
67-66-3	Chloroform	1.00	U	1	1.00	6.00	ug/Kg	11/25/25 13:26	VW112525
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.00	ug/Kg	11/25/25 13:26	VW112525
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.00	ug/Kg	11/25/25 13:26	VW112525
71-43-2	Benzene	0.95	U	1	0.95	6.00	ug/Kg	11/25/25 13:26	VW112525
107-06-2	1,2-Dichloroethane	0.95	U	1	0.95	6.00	ug/Kg	11/25/25 13:26	VW112525
79-01-6	Trichloroethene	0.97	U	1	0.97	6.00	ug/Kg	11/25/25 13:26	VW112525
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.00	ug/Kg	11/25/25 13:26	VW112525
75-27-4	Bromodichloromethane	0.94	U	1	0.94	6.00	ug/Kg	11/25/25 13:26	VW112525
108-10-1	4-Methyl-2-Pentanone	4.30	U	1	4.30	30.0	ug/Kg	11/25/25 13:26	VW112525
108-88-3	Toluene	0.94	U	1	0.94	6.00	ug/Kg	11/25/25 13:26	VW112525
10061-02-6	t-1,3-Dichloropropene	0.78	U	1	0.78	6.00	ug/Kg	11/25/25 13:26	VW112525
10061-01-5	cis-1,3-Dichloropropene	0.74	U	1	0.74	6.00	ug/Kg	11/25/25 13:26	VW112525
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.00	ug/Kg	11/25/25 13:26	VW112525
591-78-6	2-Hexanone	4.40	U	1	4.40	30.0	ug/Kg	11/25/25 13:26	VW112525
124-48-1	Dibromochloromethane	1.00	U	1	1.00	6.00	ug/Kg	11/25/25 13:26	VW112525
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.00	ug/Kg	11/25/25 13:26	VW112525
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.00	ug/Kg	11/25/25 13:26	VW112525
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.00	ug/Kg	11/25/25 13:26	VW112525
100-41-4	Ethyl Benzene	0.80	U	1	0.80	6.00	ug/Kg	11/25/25 13:26	VW112525
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.0	ug/Kg	11/25/25 13:26	VW112525
95-47-6	o-Xylene	0.98	U	1	0.98	6.00	ug/Kg	11/25/25 13:26	VW112525
100-42-5	Styrene	0.85	U	1	0.85	6.00	ug/Kg	11/25/25 13:26	VW112525
75-25-2	Bromoform	1.00	U	1	1.00	6.00	ug/Kg	11/25/25 13:26	VW112525

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-10A	SDG No.:	Q3719
Lab Sample ID:	Q3719-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.2
Sample Wt/Vol:	5.47 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.94	U	1	0.94	6.00	ug/Kg	11/25/25 13:26	VW112525
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.00	ug/Kg	11/25/25 13:26	VW112525
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.00	ug/Kg	11/25/25 13:26	VW112525
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.00	ug/Kg	11/25/25 13:26	VW112525
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	6.00	ug/Kg	11/25/25 13:26	VW112525
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.00	ug/Kg	11/25/25 13:26	VW112525
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.00	ug/Kg	11/25/25 13:26	VW112525
87-61-6	1,2,3-Trichlorobenzene	3.80	U	1	3.80	6.00	ug/Kg	11/25/25 13:26	VW112525

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	59.0			63 - 155	118%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7			70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	46.2			74 - 123	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9			52 - 138	108%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	210000
540-36-3	1,4-Difluorobenzene	492000
3114-55-4	Chlorobenzene-d5	526000
3855-82-1	1,4-Dichlorobenzene-d4	235000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-10B
Lab Sample ID: Q3719-02
Analytical Method: 8260D
Sample Wt/Vol: 5.28 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 86.5
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.50	ug/Kg	11/25/25 13:48	VW112525
74-87-3	Chloromethane	1.20	U	1	1.20	5.50	ug/Kg	11/25/25 13:48	VW112525
75-01-4	Vinyl Chloride	0.86	U	1	0.86	5.50	ug/Kg	11/25/25 13:48	VW112525
74-83-9	Bromomethane	1.20	U	1	1.20	5.50	ug/Kg	11/25/25 13:48	VW112525
75-00-3	Chloroethane	1.40	U	1	1.40	5.50	ug/Kg	11/25/25 13:48	VW112525
75-69-4	Trichlorofluoromethane	1.30	U	1	1.30	5.50	ug/Kg	11/25/25 13:48	VW112525
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.50	ug/Kg	11/25/25 13:48	VW112525
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.50	ug/Kg	11/25/25 13:48	VW112525
67-64-1	Acetone	5.20	U	1	5.20	27.4	ug/Kg	11/25/25 13:48	VW112525
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.50	ug/Kg	11/25/25 13:48	VW112525
1634-04-4	Methyl tert-butyl Ether	0.80	U	1	0.80	5.50	ug/Kg	11/25/25 13:48	VW112525
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.50	ug/Kg	11/25/25 13:48	VW112525
75-09-2	Methylene Chloride	3.90	U	1	3.90	10.9	ug/Kg	11/25/25 13:48	VW112525
156-60-5	trans-1,2-Dichloroethene	0.94	U	1	0.94	5.50	ug/Kg	11/25/25 13:48	VW112525
75-34-3	1,1-Dichloroethane	0.88	U	1	0.88	5.50	ug/Kg	11/25/25 13:48	VW112525
110-82-7	Cyclohexane	0.86	U	1	0.86	5.50	ug/Kg	11/25/25 13:48	VW112525
78-93-3	2-Butanone	7.20	U	1	7.20	27.4	ug/Kg	11/25/25 13:48	VW112525
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.50	ug/Kg	11/25/25 13:48	VW112525
156-59-2	cis-1,2-Dichloroethene	0.82	U	1	0.82	5.50	ug/Kg	11/25/25 13:48	VW112525
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.50	ug/Kg	11/25/25 13:48	VW112525
67-66-3	Chloroform	0.92	U	1	0.92	5.50	ug/Kg	11/25/25 13:48	VW112525
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.50	ug/Kg	11/25/25 13:48	VW112525
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.50	ug/Kg	11/25/25 13:48	VW112525
71-43-2	Benzene	0.86	U	1	0.86	5.50	ug/Kg	11/25/25 13:48	VW112525
107-06-2	1,2-Dichloroethane	0.86	U	1	0.86	5.50	ug/Kg	11/25/25 13:48	VW112525
79-01-6	Trichloroethene	0.89	U	1	0.89	5.50	ug/Kg	11/25/25 13:48	VW112525
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.50	ug/Kg	11/25/25 13:48	VW112525
75-27-4	Bromodichloromethane	0.85	U	1	0.85	5.50	ug/Kg	11/25/25 13:48	VW112525
108-10-1	4-Methyl-2-Pentanone	3.90	U	1	3.90	27.4	ug/Kg	11/25/25 13:48	VW112525
108-88-3	Toluene	0.85	U	1	0.85	5.50	ug/Kg	11/25/25 13:48	VW112525
10061-02-6	t-1,3-Dichloropropene	0.71	U	1	0.71	5.50	ug/Kg	11/25/25 13:48	VW112525
10061-01-5	cis-1,3-Dichloropropene	0.68	U	1	0.68	5.50	ug/Kg	11/25/25 13:48	VW112525
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.50	ug/Kg	11/25/25 13:48	VW112525
591-78-6	2-Hexanone	4.00	U	1	4.00	27.4	ug/Kg	11/25/25 13:48	VW112525
124-48-1	Dibromochloromethane	0.95	U	1	0.95	5.50	ug/Kg	11/25/25 13:48	VW112525
106-93-4	1,2-Dibromoethane	0.96	U	1	0.96	5.50	ug/Kg	11/25/25 13:48	VW112525
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.50	ug/Kg	11/25/25 13:48	VW112525
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.50	ug/Kg	11/25/25 13:48	VW112525
100-41-4	Ethyl Benzene	0.73	U	1	0.73	5.50	ug/Kg	11/25/25 13:48	VW112525
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	10.9	ug/Kg	11/25/25 13:48	VW112525
95-47-6	o-Xylene	0.90	U	1	0.90	5.50	ug/Kg	11/25/25 13:48	VW112525
100-42-5	Styrene	0.78	U	1	0.78	5.50	ug/Kg	11/25/25 13:48	VW112525
75-25-2	Bromoform	0.94	U	1	0.94	5.50	ug/Kg	11/25/25 13:48	VW112525

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-10B	SDG No.:	Q3719
Lab Sample ID:	Q3719-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.5
Sample Wt/Vol:	5.28 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.85	U	1	0.85	5.50	ug/Kg	11/25/25 13:48	VW112525
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1	1.30	5.50	ug/Kg	11/25/25 13:48	VW112525
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.50	ug/Kg	11/25/25 13:48	VW112525
106-46-7	1,4-Dichlorobenzene	1.70	U	1	1.70	5.50	ug/Kg	11/25/25 13:48	VW112525
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.50	ug/Kg	11/25/25 13:48	VW112525
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	1	2.00	5.50	ug/Kg	11/25/25 13:48	VW112525
120-82-1	1,2,4-Trichlorobenzene	3.30	U	1	3.30	5.50	ug/Kg	11/25/25 13:48	VW112525
87-61-6	1,2,3-Trichlorobenzene	3.50	U	1	3.50	5.50	ug/Kg	11/25/25 13:48	VW112525

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	55.4			63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4			70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	44.4			74 - 123	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4			52 - 138	103%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	227000
540-36-3	1,4-Difluorobenzene	529000
3114-55-4	Chlorobenzene-d5	566000
3855-82-1	1,4-Dichlorobenzene-d4	258000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-11A
Lab Sample ID: Q3719-03
Analytical Method: 8260D
Sample Wt/Vol: 4.45 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 80.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.60	U	1	1.60	7.00	ug/Kg	11/26/25 13:49	VW112625
74-87-3	Chloromethane	1.60	U	1	1.60	7.00	ug/Kg	11/26/25 13:49	VW112625
75-01-4	Vinyl Chloride	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
74-83-9	Bromomethane	1.50	U	1	1.50	7.00	ug/Kg	11/26/25 13:49	VW112625
75-00-3	Chloroethane	1.80	U	1	1.80	7.00	ug/Kg	11/26/25 13:49	VW112625
75-69-4	Trichlorofluoromethane	1.70	U	1	1.70	7.00	ug/Kg	11/26/25 13:49	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	UQ	1	1.50	7.00	ug/Kg	11/26/25 13:49	VW112625
75-35-4	1,1-Dichloroethene	1.40	U	1	1.40	7.00	ug/Kg	11/26/25 13:49	VW112625
67-64-1	Acetone	6.60	U	1	6.60	35.0	ug/Kg	11/26/25 13:49	VW112625
75-15-0	Carbon Disulfide	1.50	U	1	1.50	7.00	ug/Kg	11/26/25 13:49	VW112625
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	1.00	7.00	ug/Kg	11/26/25 13:49	VW112625
79-20-9	Methyl Acetate	2.20	U	1	2.20	7.00	ug/Kg	11/26/25 13:49	VW112625
75-09-2	Methylene Chloride	4.90	U	1	4.90	14.0	ug/Kg	11/26/25 13:49	VW112625
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	7.00	ug/Kg	11/26/25 13:49	VW112625
75-34-3	1,1-Dichloroethane	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
110-82-7	Cyclohexane	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
78-93-3	2-Butanone	9.20	U	1	9.20	35.0	ug/Kg	11/26/25 13:49	VW112625
56-23-5	Carbon Tetrachloride	1.40	U	1	1.40	7.00	ug/Kg	11/26/25 13:49	VW112625
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	1.00	7.00	ug/Kg	11/26/25 13:49	VW112625
74-97-5	Bromochloromethane	1.60	U	1	1.60	7.00	ug/Kg	11/26/25 13:49	VW112625
67-66-3	Chloroform	1.20	U	1	1.20	7.00	ug/Kg	11/26/25 13:49	VW112625
71-55-6	1,1,1-Trichloroethane	1.30	U	1	1.30	7.00	ug/Kg	11/26/25 13:49	VW112625
108-87-2	Methylcyclohexane	1.30	U	1	1.30	7.00	ug/Kg	11/26/25 13:49	VW112625
71-43-2	Benzene	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
79-01-6	Trichloroethene	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
78-87-5	1,2-Dichloropropane	1.30	U	1	1.30	7.00	ug/Kg	11/26/25 13:49	VW112625
75-27-4	Bromodichloromethane	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	5.00	35.0	ug/Kg	11/26/25 13:49	VW112625
108-88-3	Toluene	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
10061-02-6	t-1,3-Dichloropropene	0.91	U	1	0.91	7.00	ug/Kg	11/26/25 13:49	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.87	U	1	0.87	7.00	ug/Kg	11/26/25 13:49	VW112625
79-00-5	1,1,2-Trichloroethane	1.30	U	1	1.30	7.00	ug/Kg	11/26/25 13:49	VW112625
591-78-6	2-Hexanone	5.20	U	1	5.20	35.0	ug/Kg	11/26/25 13:49	VW112625
124-48-1	Dibromochloromethane	1.20	U	1	1.20	7.00	ug/Kg	11/26/25 13:49	VW112625
106-93-4	1,2-Dibromoethane	1.20	U	1	1.20	7.00	ug/Kg	11/26/25 13:49	VW112625
127-18-4	Tetrachloroethene	1.50	U	1	1.50	7.00	ug/Kg	11/26/25 13:49	VW112625
108-90-7	Chlorobenzene	1.30	U	1	1.30	7.00	ug/Kg	11/26/25 13:49	VW112625
100-41-4	Ethyl Benzene	0.94	U	1	0.94	7.00	ug/Kg	11/26/25 13:49	VW112625
179601-23-1	m/p-Xylenes	1.70	U	1	1.70	14.0	ug/Kg	11/26/25 13:49	VW112625
95-47-6	o-Xylene	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
100-42-5	Styrene	0.99	U	1	0.99	7.00	ug/Kg	11/26/25 13:49	VW112625
75-25-2	Bromoform	1.20	U	1	1.20	7.00	ug/Kg	11/26/25 13:49	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-11A	SDG No.:	Q3719
Lab Sample ID:	Q3719-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.3
Sample Wt/Vol:	4.45 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.10	U	1	1.10	7.00	ug/Kg	11/26/25 13:49	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.70	U	1	1.70	7.00	ug/Kg	11/26/25 13:49	VW112625
541-73-1	1,3-Dichlorobenzene	2.40	U	1	2.40	7.00	ug/Kg	11/26/25 13:49	VW112625
106-46-7	1,4-Dichlorobenzene	2.20	U	1	2.20	7.00	ug/Kg	11/26/25 13:49	VW112625
95-50-1	1,2-Dichlorobenzene	2.00	U	1	2.00	7.00	ug/Kg	11/26/25 13:49	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.60	U	1	2.60	7.00	ug/Kg	11/26/25 13:49	VW112625
120-82-1	1,2,4-Trichlorobenzene	4.20	U	1	4.20	7.00	ug/Kg	11/26/25 13:49	VW112625
87-61-6	1,2,3-Trichlorobenzene	4.40	U	1	4.40	7.00	ug/Kg	11/26/25 13:49	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	69.1			63 - 155	138%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9			70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	48.3			74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4			52 - 138	113%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	193000
540-36-3	1,4-Difluorobenzene	465000
3114-55-4	Chlorobenzene-d5	515000
3855-82-1	1,4-Dichlorobenzene-d4	246000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-11B
Lab Sample ID: Q3719-04
Analytical Method: 8260D
Sample Wt/Vol: 4.14 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 89.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.50	U	1	1.50	6.80	ug/Kg	11/26/25 14:58	VW112625
74-87-3	Chloromethane	1.50	U	1	1.50	6.80	ug/Kg	11/26/25 14:58	VW112625
75-01-4	Vinyl Chloride	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
74-83-9	Bromomethane	1.40	U	1	1.40	6.80	ug/Kg	11/26/25 14:58	VW112625
75-00-3	Chloroethane	1.70	U	1	1.70	6.80	ug/Kg	11/26/25 14:58	VW112625
75-69-4	Trichlorofluoromethane	1.60	U	1	1.60	6.80	ug/Kg	11/26/25 14:58	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	UQ	1	1.40	6.80	ug/Kg	11/26/25 14:58	VW112625
75-35-4	1,1-Dichloroethene	1.40	U	1	1.40	6.80	ug/Kg	11/26/25 14:58	VW112625
67-64-1	Acetone	6.40	U	1	6.40	33.8	ug/Kg	11/26/25 14:58	VW112625
75-15-0	Carbon Disulfide	1.40	U	1	1.40	6.80	ug/Kg	11/26/25 14:58	VW112625
1634-04-4	Methyl tert-butyl Ether	0.99	U	1	0.99	6.80	ug/Kg	11/26/25 14:58	VW112625
79-20-9	Methyl Acetate	2.10	U	1	2.10	6.80	ug/Kg	11/26/25 14:58	VW112625
75-09-2	Methylene Chloride	4.80	U	1	4.80	13.5	ug/Kg	11/26/25 14:58	VW112625
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625
75-34-3	1,1-Dichloroethane	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
110-82-7	Cyclohexane	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
78-93-3	2-Butanone	8.90	U	1	8.90	33.8	ug/Kg	11/26/25 14:58	VW112625
56-23-5	Carbon Tetrachloride	1.30	U	1	1.30	6.80	ug/Kg	11/26/25 14:58	VW112625
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	1.00	6.80	ug/Kg	11/26/25 14:58	VW112625
74-97-5	Bromochloromethane	1.60	U	1	1.60	6.80	ug/Kg	11/26/25 14:58	VW112625
67-66-3	Chloroform	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
71-55-6	1,1,1-Trichloroethane	1.30	U	1	1.30	6.80	ug/Kg	11/26/25 14:58	VW112625
108-87-2	Methylcyclohexane	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625
71-43-2	Benzene	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
79-01-6	Trichloroethene	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
78-87-5	1,2-Dichloropropane	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625
75-27-4	Bromodichloromethane	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
108-10-1	4-Methyl-2-Pentanone	4.80	U	1	4.80	33.8	ug/Kg	11/26/25 14:58	VW112625
108-88-3	Toluene	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
10061-02-6	t-1,3-Dichloropropene	0.88	U	1	0.88	6.80	ug/Kg	11/26/25 14:58	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.84	U	1	0.84	6.80	ug/Kg	11/26/25 14:58	VW112625
79-00-5	1,1,2-Trichloroethane	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625
591-78-6	2-Hexanone	5.00	U	1	5.00	33.8	ug/Kg	11/26/25 14:58	VW112625
124-48-1	Dibromochloromethane	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625
106-93-4	1,2-Dibromoethane	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625
127-18-4	Tetrachloroethene	1.40	U	1	1.40	6.80	ug/Kg	11/26/25 14:58	VW112625
108-90-7	Chlorobenzene	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625
100-41-4	Ethyl Benzene	0.91	U	1	0.91	6.80	ug/Kg	11/26/25 14:58	VW112625
179601-23-1	m/p-Xylenes	1.70	U	1	1.70	13.5	ug/Kg	11/26/25 14:58	VW112625
95-47-6	o-Xylene	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
100-42-5	Styrene	0.96	U	1	0.96	6.80	ug/Kg	11/26/25 14:58	VW112625
75-25-2	Bromoform	1.20	U	1	1.20	6.80	ug/Kg	11/26/25 14:58	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-11B	SDG No.:	Q3719
Lab Sample ID:	Q3719-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.2
Sample Wt/Vol:	4.14 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.10	U	1	1.10	6.80	ug/Kg	11/26/25 14:58	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1	1.60	6.80	ug/Kg	11/26/25 14:58	VW112625
541-73-1	1,3-Dichlorobenzene	2.30	U	1	2.30	6.80	ug/Kg	11/26/25 14:58	VW112625
106-46-7	1,4-Dichlorobenzene	2.10	U	1	2.10	6.80	ug/Kg	11/26/25 14:58	VW112625
95-50-1	1,2-Dichlorobenzene	2.00	U	1	2.00	6.80	ug/Kg	11/26/25 14:58	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.50	U	1	2.50	6.80	ug/Kg	11/26/25 14:58	VW112625
120-82-1	1,2,4-Trichlorobenzene	4.00	U	1	4.00	6.80	ug/Kg	11/26/25 14:58	VW112625
87-61-6	1,2,3-Trichlorobenzene	4.30	U	1	4.30	6.80	ug/Kg	11/26/25 14:58	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	71.8			63 - 155	144%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	47.2			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1			52 - 138	110%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	183000
540-36-3	1,4-Difluorobenzene	470000
3114-55-4	Chlorobenzene-d5	533000
3855-82-1	1,4-Dichlorobenzene-d4	255000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-12A
Lab Sample ID: Q3719-05
Analytical Method: 8260D
Sample Wt/Vol: 4.91 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 67.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.70	U	1	1.70	7.50	ug/Kg	11/26/25 15:20	VW112625
74-87-3	Chloromethane	1.70	U	1	1.70	7.50	ug/Kg	11/26/25 15:20	VW112625
75-01-4	Vinyl Chloride	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
74-83-9	Bromomethane	1.60	U	1	1.60	7.50	ug/Kg	11/26/25 15:20	VW112625
75-00-3	Chloroethane	1.90	U	1	1.90	7.50	ug/Kg	11/26/25 15:20	VW112625
75-69-4	Trichlorofluoromethane	1.80	U	1	1.80	7.50	ug/Kg	11/26/25 15:20	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	UQ	1	1.60	7.50	ug/Kg	11/26/25 15:20	VW112625
75-35-4	1,1-Dichloroethene	1.50	U	1	1.50	7.50	ug/Kg	11/26/25 15:20	VW112625
67-64-1	Acetone	46.5		1	7.10	37.5	ug/Kg	11/26/25 15:20	VW112625
75-15-0	Carbon Disulfide	1.60	U	1	1.60	7.50	ug/Kg	11/26/25 15:20	VW112625
1634-04-4	Methyl tert-butyl Ether	1.10	U	1	1.10	7.50	ug/Kg	11/26/25 15:20	VW112625
79-20-9	Methyl Acetate	2.30	U	1	2.30	7.50	ug/Kg	11/26/25 15:20	VW112625
75-09-2	Methylene Chloride	5.30	U	1	5.30	15.0	ug/Kg	11/26/25 15:20	VW112625
156-60-5	trans-1,2-Dichloroethene	1.30	U	1	1.30	7.50	ug/Kg	11/26/25 15:20	VW112625
75-34-3	1,1-Dichloroethane	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
110-82-7	Cyclohexane	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
78-93-3	2-Butanone	9.80	U	1	9.80	37.5	ug/Kg	11/26/25 15:20	VW112625
56-23-5	Carbon Tetrachloride	1.50	U	1	1.50	7.50	ug/Kg	11/26/25 15:20	VW112625
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.50	ug/Kg	11/26/25 15:20	VW112625
74-97-5	Bromochloromethane	1.70	U	1	1.70	7.50	ug/Kg	11/26/25 15:20	VW112625
67-66-3	Chloroform	1.30	U	1	1.30	7.50	ug/Kg	11/26/25 15:20	VW112625
71-55-6	1,1,1-Trichloroethane	1.40	U	1	1.40	7.50	ug/Kg	11/26/25 15:20	VW112625
108-87-2	Methylcyclohexane	1.40	U	1	1.40	7.50	ug/Kg	11/26/25 15:20	VW112625
71-43-2	Benzene	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
107-06-2	1,2-Dichloroethane	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
79-01-6	Trichloroethene	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
78-87-5	1,2-Dichloropropane	1.40	U	1	1.40	7.50	ug/Kg	11/26/25 15:20	VW112625
75-27-4	Bromodichloromethane	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
108-10-1	4-Methyl-2-Pentanone	5.40	U	1	5.40	37.5	ug/Kg	11/26/25 15:20	VW112625
108-88-3	Toluene	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
10061-02-6	t-1,3-Dichloropropene	0.98	U	1	0.98	7.50	ug/Kg	11/26/25 15:20	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.93	U	1	0.93	7.50	ug/Kg	11/26/25 15:20	VW112625
79-00-5	1,1,2-Trichloroethane	1.40	U	1	1.40	7.50	ug/Kg	11/26/25 15:20	VW112625
591-78-6	2-Hexanone	5.50	U	1	5.50	37.5	ug/Kg	11/26/25 15:20	VW112625
124-48-1	Dibromochloromethane	1.30	U	1	1.30	7.50	ug/Kg	11/26/25 15:20	VW112625
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.50	ug/Kg	11/26/25 15:20	VW112625
127-18-4	Tetrachloroethene	1.60	U	1	1.60	7.50	ug/Kg	11/26/25 15:20	VW112625
108-90-7	Chlorobenzene	1.40	U	1	1.40	7.50	ug/Kg	11/26/25 15:20	VW112625
100-41-4	Ethyl Benzene	1.00	U	1	1.00	7.50	ug/Kg	11/26/25 15:20	VW112625
179601-23-1	m/p-Xylenes	1.90	U	1	1.90	15.0	ug/Kg	11/26/25 15:20	VW112625
95-47-6	o-Xylene	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
100-42-5	Styrene	1.10	U	1	1.10	7.50	ug/Kg	11/26/25 15:20	VW112625
75-25-2	Bromoform	1.30	U	1	1.30	7.50	ug/Kg	11/26/25 15:20	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-12A	SDG No.:	Q3719
Lab Sample ID:	Q3719-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	67.8
Sample Wt/Vol:	4.91 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	1	1.20	7.50	ug/Kg	11/26/25 15:20	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1	1.80	7.50	ug/Kg	11/26/25 15:20	VW112625
541-73-1	1,3-Dichlorobenzene	2.60	U	1	2.60	7.50	ug/Kg	11/26/25 15:20	VW112625
106-46-7	1,4-Dichlorobenzene	2.30	U	1	2.30	7.50	ug/Kg	11/26/25 15:20	VW112625
95-50-1	1,2-Dichlorobenzene	2.20	U	1	2.20	7.50	ug/Kg	11/26/25 15:20	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	1	2.80	7.50	ug/Kg	11/26/25 15:20	VW112625
120-82-1	1,2,4-Trichlorobenzene	4.50	U	1	4.50	7.50	ug/Kg	11/26/25 15:20	VW112625
87-61-6	1,2,3-Trichlorobenzene	4.80	U	1	4.80	7.50	ug/Kg	11/26/25 15:20	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	70.1		63 - 155	140%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1		70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	48.6		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		52 - 138	113%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	187000
540-36-3	1,4-Difluorobenzene	450000
3114-55-4	Chlorobenzene-d5	514000
3855-82-1	1,4-Dichlorobenzene-d4	231000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-12B
Lab Sample ID: Q3719-06
Analytical Method: 8260D
Sample Wt/Vol: 5.12 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 87.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 15:42	VW112625
74-87-3	Chloromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 15:42	VW112625
75-01-4	Vinyl Chloride	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 15:42	VW112625
74-83-9	Bromomethane	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 15:42	VW112625
75-00-3	Chloroethane	1.40	U	1	1.40	5.60	ug/Kg	11/26/25 15:42	VW112625
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.60	ug/Kg	11/26/25 15:42	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	UQ	1	1.20	5.60	ug/Kg	11/26/25 15:42	VW112625
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.60	ug/Kg	11/26/25 15:42	VW112625
67-64-1	Acetone	5.30	U	1	5.30	28.0	ug/Kg	11/26/25 15:42	VW112625
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 15:42	VW112625
1634-04-4	Methyl tert-butyl Ether	0.82	U	1	0.82	5.60	ug/Kg	11/26/25 15:42	VW112625
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.60	ug/Kg	11/26/25 15:42	VW112625
75-09-2	Methylene Chloride	3.90	U	1	3.90	11.2	ug/Kg	11/26/25 15:42	VW112625
156-60-5	trans-1,2-Dichloroethene	0.96	U	1	0.96	5.60	ug/Kg	11/26/25 15:42	VW112625
75-34-3	1,1-Dichloroethane	0.89	U	1	0.89	5.60	ug/Kg	11/26/25 15:42	VW112625
110-82-7	Cyclohexane	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 15:42	VW112625
78-93-3	2-Butanone	7.30	U	1	7.30	28.0	ug/Kg	11/26/25 15:42	VW112625
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.60	ug/Kg	11/26/25 15:42	VW112625
156-59-2	cis-1,2-Dichloroethene	0.84	U	1	0.84	5.60	ug/Kg	11/26/25 15:42	VW112625
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 15:42	VW112625
67-66-3	Chloroform	0.94	U	1	0.94	5.60	ug/Kg	11/26/25 15:42	VW112625
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 15:42	VW112625
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 15:42	VW112625
71-43-2	Benzene	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 15:42	VW112625
107-06-2	1,2-Dichloroethane	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 15:42	VW112625
79-01-6	Trichloroethene	0.91	U	1	0.91	5.60	ug/Kg	11/26/25 15:42	VW112625
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 15:42	VW112625
75-27-4	Bromodichloromethane	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 15:42	VW112625
108-10-1	4-Methyl-2-Pentanone	4.00	U	1	4.00	28.0	ug/Kg	11/26/25 15:42	VW112625
108-88-3	Toluene	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 15:42	VW112625
10061-02-6	t-1,3-Dichloropropene	0.73	U	1	0.73	5.60	ug/Kg	11/26/25 15:42	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.69	U	1	0.69	5.60	ug/Kg	11/26/25 15:42	VW112625
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 15:42	VW112625
591-78-6	2-Hexanone	4.10	U	1	4.10	28.0	ug/Kg	11/26/25 15:42	VW112625
124-48-1	Dibromochloromethane	0.97	U	1	0.97	5.60	ug/Kg	11/26/25 15:42	VW112625
106-93-4	1,2-Dibromoethane	0.98	U	1	0.98	5.60	ug/Kg	11/26/25 15:42	VW112625
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 15:42	VW112625
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 15:42	VW112625
100-41-4	Ethyl Benzene	0.75	U	1	0.75	5.60	ug/Kg	11/26/25 15:42	VW112625
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.2	ug/Kg	11/26/25 15:42	VW112625
95-47-6	o-Xylene	0.92	U	1	0.92	5.60	ug/Kg	11/26/25 15:42	VW112625
100-42-5	Styrene	0.79	U	1	0.79	5.60	ug/Kg	11/26/25 15:42	VW112625
75-25-2	Bromoform	0.96	U	1	0.96	5.60	ug/Kg	11/26/25 15:42	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-12B	SDG No.:	Q3719
Lab Sample ID:	Q3719-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.3
Sample Wt/Vol:	5.12 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 15:42	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.60	ug/Kg	11/26/25 15:42	VW112625
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.60	ug/Kg	11/26/25 15:42	VW112625
106-46-7	1,4-Dichlorobenzene	1.70	U	1	1.70	5.60	ug/Kg	11/26/25 15:42	VW112625
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.60	ug/Kg	11/26/25 15:42	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.60	ug/Kg	11/26/25 15:42	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.30	U	1	3.30	5.60	ug/Kg	11/26/25 15:42	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.60	U	1	3.60	5.60	ug/Kg	11/26/25 15:42	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	69.5			63 - 155	139%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	46.0			74 - 123	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2			52 - 138	106%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	187000
540-36-3	1,4-Difluorobenzene	471000
3114-55-4	Chlorobenzene-d5	539000
3855-82-1	1,4-Dichlorobenzene-d4	266000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-14A
Lab Sample ID: Q3719-07
Analytical Method: 8260D
Sample Wt/Vol: 3.36 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 83.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.00	U	1	2.00	8.90	ug/Kg	11/26/25 16:04	VW112625
74-87-3	Chloromethane	2.00	U	1	2.00	8.90	ug/Kg	11/26/25 16:04	VW112625
75-01-4	Vinyl Chloride	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
74-83-9	Bromomethane	1.90	U	1	1.90	8.90	ug/Kg	11/26/25 16:04	VW112625
75-00-3	Chloroethane	2.20	U	1	2.20	8.90	ug/Kg	11/26/25 16:04	VW112625
75-69-4	Trichlorofluoromethane	2.20	U	1	2.20	8.90	ug/Kg	11/26/25 16:04	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.90	UQ	1	1.90	8.90	ug/Kg	11/26/25 16:04	VW112625
75-35-4	1,1-Dichloroethene	1.80	U	1	1.80	8.90	ug/Kg	11/26/25 16:04	VW112625
67-64-1	Acetone	8.50	U	1	8.50	44.6	ug/Kg	11/26/25 16:04	VW112625
75-15-0	Carbon Disulfide	1.90	U	1	1.90	8.90	ug/Kg	11/26/25 16:04	VW112625
1634-04-4	Methyl tert-butyl Ether	1.30	U	1	1.30	8.90	ug/Kg	11/26/25 16:04	VW112625
79-20-9	Methyl Acetate	2.70	U	1	2.70	8.90	ug/Kg	11/26/25 16:04	VW112625
75-09-2	Methylene Chloride	6.30	U	1	6.30	17.8	ug/Kg	11/26/25 16:04	VW112625
156-60-5	trans-1,2-Dichloroethene	1.50	U	1	1.50	8.90	ug/Kg	11/26/25 16:04	VW112625
75-34-3	1,1-Dichloroethane	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
110-82-7	Cyclohexane	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
78-93-3	2-Butanone	11.7	U	1	11.7	44.6	ug/Kg	11/26/25 16:04	VW112625
56-23-5	Carbon Tetrachloride	1.70	U	1	1.70	8.90	ug/Kg	11/26/25 16:04	VW112625
156-59-2	cis-1,2-Dichloroethene	1.30	U	1	1.30	8.90	ug/Kg	11/26/25 16:04	VW112625
74-97-5	Bromochloromethane	2.10	U	1	2.10	8.90	ug/Kg	11/26/25 16:04	VW112625
67-66-3	Chloroform	1.50	U	1	1.50	8.90	ug/Kg	11/26/25 16:04	VW112625
71-55-6	1,1,1-Trichloroethane	1.70	U	1	1.70	8.90	ug/Kg	11/26/25 16:04	VW112625
108-87-2	Methylcyclohexane	1.60	U	1	1.60	8.90	ug/Kg	11/26/25 16:04	VW112625
71-43-2	Benzene	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
107-06-2	1,2-Dichloroethane	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
79-01-6	Trichloroethene	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
78-87-5	1,2-Dichloropropane	1.60	U	1	1.60	8.90	ug/Kg	11/26/25 16:04	VW112625
75-27-4	Bromodichloromethane	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
108-10-1	4-Methyl-2-Pentanone	6.40	U	1	6.40	44.6	ug/Kg	11/26/25 16:04	VW112625
108-88-3	Toluene	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
10061-02-6	t-1,3-Dichloropropene	1.20	U	1	1.20	8.90	ug/Kg	11/26/25 16:04	VW112625
10061-01-5	cis-1,3-Dichloropropene	1.10	U	1	1.10	8.90	ug/Kg	11/26/25 16:04	VW112625
79-00-5	1,1,2-Trichloroethane	1.60	U	1	1.60	8.90	ug/Kg	11/26/25 16:04	VW112625
591-78-6	2-Hexanone	6.60	U	1	6.60	44.6	ug/Kg	11/26/25 16:04	VW112625
124-48-1	Dibromochloromethane	1.60	U	1	1.60	8.90	ug/Kg	11/26/25 16:04	VW112625
106-93-4	1,2-Dibromoethane	1.60	U	1	1.60	8.90	ug/Kg	11/26/25 16:04	VW112625
127-18-4	Tetrachloroethene	1.90	U	1	1.90	8.90	ug/Kg	11/26/25 16:04	VW112625
108-90-7	Chlorobenzene	1.60	U	1	1.60	8.90	ug/Kg	11/26/25 16:04	VW112625
100-41-4	Ethyl Benzene	1.20	U	1	1.20	8.90	ug/Kg	11/26/25 16:04	VW112625
179601-23-1	m/p-Xylenes	2.20	U	1	2.20	17.8	ug/Kg	11/26/25 16:04	VW112625
95-47-6	o-Xylene	1.50	U	1	1.50	8.90	ug/Kg	11/26/25 16:04	VW112625
100-42-5	Styrene	1.30	U	1	1.30	8.90	ug/Kg	11/26/25 16:04	VW112625
75-25-2	Bromoform	1.50	U	1	1.50	8.90	ug/Kg	11/26/25 16:04	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-14A	SDG No.:	Q3719
Lab Sample ID:	Q3719-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.4
Sample Wt/Vol:	3.36 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.40	U	1	1.40	8.90	ug/Kg	11/26/25 16:04	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	1	2.20	8.90	ug/Kg	11/26/25 16:04	VW112625
541-73-1	1,3-Dichlorobenzene	3.10	U	1	3.10	8.90	ug/Kg	11/26/25 16:04	VW112625
106-46-7	1,4-Dichlorobenzene	2.80	U	1	2.80	8.90	ug/Kg	11/26/25 16:04	VW112625
95-50-1	1,2-Dichlorobenzene	2.60	U	1	2.60	8.90	ug/Kg	11/26/25 16:04	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	3.30	U	1	3.30	8.90	ug/Kg	11/26/25 16:04	VW112625
120-82-1	1,2,4-Trichlorobenzene	5.30	U	1	5.30	8.90	ug/Kg	11/26/25 16:04	VW112625
87-61-6	1,2,3-Trichlorobenzene	5.70	U	1	5.70	8.90	ug/Kg	11/26/25 16:04	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	65.8			63 - 155	132%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4			70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	43.7			74 - 123	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7			52 - 138	101%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	200000
540-36-3	1,4-Difluorobenzene	493000
3114-55-4	Chlorobenzene-d5	550000
3855-82-1	1,4-Dichlorobenzene-d4	246000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-14B
Lab Sample ID: Q3719-08
Analytical Method: 8260D
Sample Wt/Vol: 3.72 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 88.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.70	U	1	1.70	7.60	ug/Kg	11/26/25 16:27	VW112625
74-87-3	Chloromethane	1.70	U	1	1.70	7.60	ug/Kg	11/26/25 16:27	VW112625
75-01-4	Vinyl Chloride	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
74-83-9	Bromomethane	1.60	U	1	1.60	7.60	ug/Kg	11/26/25 16:27	VW112625
75-00-3	Chloroethane	1.90	U	1	1.90	7.60	ug/Kg	11/26/25 16:27	VW112625
75-69-4	Trichlorofluoromethane	1.80	U	1	1.80	7.60	ug/Kg	11/26/25 16:27	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	UQ	1	1.60	7.60	ug/Kg	11/26/25 16:27	VW112625
75-35-4	1,1-Dichloroethene	1.50	U	1	1.50	7.60	ug/Kg	11/26/25 16:27	VW112625
67-64-1	Acetone	7.20	U	1	7.20	38.1	ug/Kg	11/26/25 16:27	VW112625
75-15-0	Carbon Disulfide	1.60	U	1	1.60	7.60	ug/Kg	11/26/25 16:27	VW112625
1634-04-4	Methyl tert-butyl Ether	1.10	U	1	1.10	7.60	ug/Kg	11/26/25 16:27	VW112625
79-20-9	Methyl Acetate	2.30	U	1	2.30	7.60	ug/Kg	11/26/25 16:27	VW112625
75-09-2	Methylene Chloride	5.40	U	1	5.40	15.2	ug/Kg	11/26/25 16:27	VW112625
156-60-5	trans-1,2-Dichloroethene	1.30	U	1	1.30	7.60	ug/Kg	11/26/25 16:27	VW112625
75-34-3	1,1-Dichloroethane	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
110-82-7	Cyclohexane	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
78-93-3	2-Butanone	10.0	U	1	10.0	38.1	ug/Kg	11/26/25 16:27	VW112625
56-23-5	Carbon Tetrachloride	1.50	U	1	1.50	7.60	ug/Kg	11/26/25 16:27	VW112625
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.60	ug/Kg	11/26/25 16:27	VW112625
74-97-5	Bromochloromethane	1.80	U	1	1.80	7.60	ug/Kg	11/26/25 16:27	VW112625
67-66-3	Chloroform	1.30	U	1	1.30	7.60	ug/Kg	11/26/25 16:27	VW112625
71-55-6	1,1,1-Trichloroethane	1.40	U	1	1.40	7.60	ug/Kg	11/26/25 16:27	VW112625
108-87-2	Methylcyclohexane	1.40	U	1	1.40	7.60	ug/Kg	11/26/25 16:27	VW112625
71-43-2	Benzene	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
107-06-2	1,2-Dichloroethane	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
79-01-6	Trichloroethene	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
78-87-5	1,2-Dichloropropane	1.40	U	1	1.40	7.60	ug/Kg	11/26/25 16:27	VW112625
75-27-4	Bromodichloromethane	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
108-10-1	4-Methyl-2-Pentanone	5.40	U	1	5.40	38.1	ug/Kg	11/26/25 16:27	VW112625
108-88-3	Toluene	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
10061-02-6	t-1,3-Dichloropropene	0.99	U	1	0.99	7.60	ug/Kg	11/26/25 16:27	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.94	U	1	0.94	7.60	ug/Kg	11/26/25 16:27	VW112625
79-00-5	1,1,2-Trichloroethane	1.40	U	1	1.40	7.60	ug/Kg	11/26/25 16:27	VW112625
591-78-6	2-Hexanone	5.60	U	1	5.60	38.1	ug/Kg	11/26/25 16:27	VW112625
124-48-1	Dibromochloromethane	1.30	U	1	1.30	7.60	ug/Kg	11/26/25 16:27	VW112625
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.60	ug/Kg	11/26/25 16:27	VW112625
127-18-4	Tetrachloroethene	1.60	U	1	1.60	7.60	ug/Kg	11/26/25 16:27	VW112625
108-90-7	Chlorobenzene	1.40	U	1	1.40	7.60	ug/Kg	11/26/25 16:27	VW112625
100-41-4	Ethyl Benzene	1.00	U	1	1.00	7.60	ug/Kg	11/26/25 16:27	VW112625
179601-23-1	m/p-Xylenes	1.90	U	1	1.90	15.2	ug/Kg	11/26/25 16:27	VW112625
95-47-6	o-Xylene	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
100-42-5	Styrene	1.10	U	1	1.10	7.60	ug/Kg	11/26/25 16:27	VW112625
75-25-2	Bromoform	1.30	U	1	1.30	7.60	ug/Kg	11/26/25 16:27	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-14B	SDG No.:	Q3719
Lab Sample ID:	Q3719-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.3
Sample Wt/Vol:	3.72 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	1	1.20	7.60	ug/Kg	11/26/25 16:27	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1	1.80	7.60	ug/Kg	11/26/25 16:27	VW112625
541-73-1	1,3-Dichlorobenzene	2.60	U	1	2.60	7.60	ug/Kg	11/26/25 16:27	VW112625
106-46-7	1,4-Dichlorobenzene	2.40	U	1	2.40	7.60	ug/Kg	11/26/25 16:27	VW112625
95-50-1	1,2-Dichlorobenzene	2.20	U	1	2.20	7.60	ug/Kg	11/26/25 16:27	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	1	2.80	7.60	ug/Kg	11/26/25 16:27	VW112625
120-82-1	1,2,4-Trichlorobenzene	4.50	U	1	4.50	7.60	ug/Kg	11/26/25 16:27	VW112625
87-61-6	1,2,3-Trichlorobenzene	4.80	U	1	4.80	7.60	ug/Kg	11/26/25 16:27	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	69.7			63 - 155	139%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2			70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	47.1			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.4			52 - 138	111%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	191000
540-36-3	1,4-Difluorobenzene	462000
3114-55-4	Chlorobenzene-d5	513000
3855-82-1	1,4-Dichlorobenzene-d4	246000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-15A
Lab Sample ID: Q3719-09
Analytical Method: 8260D
Sample Wt/Vol: 5.15 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 87.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 16:49	VW112625
74-87-3	Chloromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 16:49	VW112625
75-01-4	Vinyl Chloride	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 16:49	VW112625
74-83-9	Bromomethane	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 16:49	VW112625
75-00-3	Chloroethane	1.40	U	1	1.40	5.60	ug/Kg	11/26/25 16:49	VW112625
75-69-4	Trichlorofluoromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 16:49	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	UQ	1	1.20	5.60	ug/Kg	11/26/25 16:49	VW112625
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.60	ug/Kg	11/26/25 16:49	VW112625
67-64-1	Acetone	5.30	U	1	5.30	27.8	ug/Kg	11/26/25 16:49	VW112625
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 16:49	VW112625
1634-04-4	Methyl tert-butyl Ether	0.81	U	1	0.81	5.60	ug/Kg	11/26/25 16:49	VW112625
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.60	ug/Kg	11/26/25 16:49	VW112625
75-09-2	Methylene Chloride	3.90	U	1	3.90	11.1	ug/Kg	11/26/25 16:49	VW112625
156-60-5	trans-1,2-Dichloroethene	0.96	U	1	0.96	5.60	ug/Kg	11/26/25 16:49	VW112625
75-34-3	1,1-Dichloroethane	0.89	U	1	0.89	5.60	ug/Kg	11/26/25 16:49	VW112625
110-82-7	Cyclohexane	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 16:49	VW112625
78-93-3	2-Butanone	7.30	U	1	7.30	27.8	ug/Kg	11/26/25 16:49	VW112625
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.60	ug/Kg	11/26/25 16:49	VW112625
156-59-2	cis-1,2-Dichloroethene	0.83	U	1	0.83	5.60	ug/Kg	11/26/25 16:49	VW112625
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 16:49	VW112625
67-66-3	Chloroform	0.93	U	1	0.93	5.60	ug/Kg	11/26/25 16:49	VW112625
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 16:49	VW112625
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 16:49	VW112625
71-43-2	Benzene	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 16:49	VW112625
107-06-2	1,2-Dichloroethane	0.88	U	1	0.88	5.60	ug/Kg	11/26/25 16:49	VW112625
79-01-6	Trichloroethene	0.90	U	1	0.90	5.60	ug/Kg	11/26/25 16:49	VW112625
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 16:49	VW112625
75-27-4	Bromodichloromethane	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 16:49	VW112625
108-10-1	4-Methyl-2-Pentanone	4.00	U	1	4.00	27.8	ug/Kg	11/26/25 16:49	VW112625
108-88-3	Toluene	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 16:49	VW112625
10061-02-6	t-1,3-Dichloropropene	0.72	U	1	0.72	5.60	ug/Kg	11/26/25 16:49	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.69	U	1	0.69	5.60	ug/Kg	11/26/25 16:49	VW112625
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 16:49	VW112625
591-78-6	2-Hexanone	4.10	U	1	4.10	27.8	ug/Kg	11/26/25 16:49	VW112625
124-48-1	Dibromochloromethane	0.97	U	1	0.97	5.60	ug/Kg	11/26/25 16:49	VW112625
106-93-4	1,2-Dibromoethane	0.98	U	1	0.98	5.60	ug/Kg	11/26/25 16:49	VW112625
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.60	ug/Kg	11/26/25 16:49	VW112625
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.60	ug/Kg	11/26/25 16:49	VW112625
100-41-4	Ethyl Benzene	0.75	U	1	0.75	5.60	ug/Kg	11/26/25 16:49	VW112625
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.1	ug/Kg	11/26/25 16:49	VW112625
95-47-6	o-Xylene	0.91	U	1	0.91	5.60	ug/Kg	11/26/25 16:49	VW112625
100-42-5	Styrene	0.79	U	1	0.79	5.60	ug/Kg	11/26/25 16:49	VW112625
75-25-2	Bromoform	0.96	U	1	0.96	5.60	ug/Kg	11/26/25 16:49	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-15A	SDG No.:	Q3719
Lab Sample ID:	Q3719-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.3
Sample Wt/Vol:	5.15 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.87	U	1	0.87	5.60	ug/Kg	11/26/25 16:49	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1	1.30	5.60	ug/Kg	11/26/25 16:49	VW112625
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.60	ug/Kg	11/26/25 16:49	VW112625
106-46-7	1,4-Dichlorobenzene	1.70	U	1	1.70	5.60	ug/Kg	11/26/25 16:49	VW112625
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.60	ug/Kg	11/26/25 16:49	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	1	2.00	5.60	ug/Kg	11/26/25 16:49	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.30	U	1	3.30	5.60	ug/Kg	11/26/25 16:49	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.50	U	1	3.50	5.60	ug/Kg	11/26/25 16:49	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	74.4			63 - 155	149%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6			70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	46.7			74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.2			52 - 138	112%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	176000
540-36-3	1,4-Difluorobenzene	446000
3114-55-4	Chlorobenzene-d5	510000
3855-82-1	1,4-Dichlorobenzene-d4	256000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-15ARE
Lab Sample ID: Q3719-09RE
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 87.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.70	ug/Kg	12/01/25 10:38	VY120125
74-87-3	Chloromethane	1.30	U	1	1.30	5.70	ug/Kg	12/01/25 10:38	VY120125
75-01-4	Vinyl Chloride	0.90	U	1	0.90	5.70	ug/Kg	12/01/25 10:38	VY120125
74-83-9	Bromomethane	1.20	U	1	1.20	5.70	ug/Kg	12/01/25 10:38	VY120125
75-00-3	Chloroethane	1.40	U	1	1.40	5.70	ug/Kg	12/01/25 10:38	VY120125
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.70	ug/Kg	12/01/25 10:38	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.70	ug/Kg	12/01/25 10:38	VY120125
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.70	ug/Kg	12/01/25 10:38	VY120125
67-64-1	Acetone	5.40	U	1	5.40	28.6	ug/Kg	12/01/25 10:38	VY120125
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.70	ug/Kg	12/01/25 10:38	VY120125
1634-04-4	Methyl tert-butyl Ether	0.84	U	1	0.84	5.70	ug/Kg	12/01/25 10:38	VY120125
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.70	ug/Kg	12/01/25 10:38	VY120125
75-09-2	Methylene Chloride	4.00	U	1	4.00	11.5	ug/Kg	12/01/25 10:38	VY120125
156-60-5	trans-1,2-Dichloroethene	0.99	U	1	0.99	5.70	ug/Kg	12/01/25 10:38	VY120125
75-34-3	1,1-Dichloroethane	0.92	U	1	0.92	5.70	ug/Kg	12/01/25 10:38	VY120125
110-82-7	Cyclohexane	0.90	U	1	0.90	5.70	ug/Kg	12/01/25 10:38	VY120125
78-93-3	2-Butanone	7.50	U	1	7.50	28.6	ug/Kg	12/01/25 10:38	VY120125
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.70	ug/Kg	12/01/25 10:38	VY120125
156-59-2	cis-1,2-Dichloroethene	0.86	U	1	0.86	5.70	ug/Kg	12/01/25 10:38	VY120125
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.70	ug/Kg	12/01/25 10:38	VY120125
67-66-3	Chloroform	0.96	U	1	0.96	5.70	ug/Kg	12/01/25 10:38	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.70	ug/Kg	12/01/25 10:38	VY120125
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.70	ug/Kg	12/01/25 10:38	VY120125
71-43-2	Benzene	0.90	U	1	0.90	5.70	ug/Kg	12/01/25 10:38	VY120125
107-06-2	1,2-Dichloroethane	0.90	U	1	0.90	5.70	ug/Kg	12/01/25 10:38	VY120125
79-01-6	Trichloroethene	0.93	U	1	0.93	5.70	ug/Kg	12/01/25 10:38	VY120125
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.70	ug/Kg	12/01/25 10:38	VY120125
75-27-4	Bromodichloromethane	0.89	U	1	0.89	5.70	ug/Kg	12/01/25 10:38	VY120125
108-10-1	4-Methyl-2-Pentanone	4.10	U	1	4.10	28.6	ug/Kg	12/01/25 10:38	VY120125
108-88-3	Toluene	0.89	U	1	0.89	5.70	ug/Kg	12/01/25 10:38	VY120125
10061-02-6	t-1,3-Dichloropropene	0.74	U	1	0.74	5.70	ug/Kg	12/01/25 10:38	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.71	U	1	0.71	5.70	ug/Kg	12/01/25 10:38	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.70	ug/Kg	12/01/25 10:38	VY120125
591-78-6	2-Hexanone	4.20	U	1	4.20	28.6	ug/Kg	12/01/25 10:38	VY120125
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.70	ug/Kg	12/01/25 10:38	VY120125
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.70	ug/Kg	12/01/25 10:38	VY120125
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.70	ug/Kg	12/01/25 10:38	VY120125
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.70	ug/Kg	12/01/25 10:38	VY120125
100-41-4	Ethyl Benzene	0.77	U	1	0.77	5.70	ug/Kg	12/01/25 10:38	VY120125
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.5	ug/Kg	12/01/25 10:38	VY120125
95-47-6	o-Xylene	0.94	U	1	0.94	5.70	ug/Kg	12/01/25 10:38	VY120125
100-42-5	Styrene	0.81	U	1	0.81	5.70	ug/Kg	12/01/25 10:38	VY120125
75-25-2	Bromoform	0.99	U	1	0.99	5.70	ug/Kg	12/01/25 10:38	VY120125

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-15ARE	SDG No.:	Q3719
Lab Sample ID:	Q3719-09RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.3
Sample Wt/Vol:	5 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.89	U	1	0.89	5.70	ug/Kg	12/01/25 10:38	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.70	ug/Kg	12/01/25 10:38	VY120125
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.70	ug/Kg	12/01/25 10:38	VY120125
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.70	ug/Kg	12/01/25 10:38	VY120125
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.70	ug/Kg	12/01/25 10:38	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.70	ug/Kg	12/01/25 10:38	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.70	ug/Kg	12/01/25 10:38	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.60	U	1	3.60	5.70	ug/Kg	12/01/25 10:38	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	140	*		63 - 155	282%	SPK: 50
1868-53-7	Dibromofluoromethane	77.3	*		70 - 134	155%	SPK: 50
2037-26-5	Toluene-d8	50.4			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.9			52 - 138	116%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	60800
540-36-3	1,4-Difluorobenzene	125000
3114-55-4	Chlorobenzene-d5	135000
3855-82-1	1,4-Dichlorobenzene-d4	63200

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-15B
Lab Sample ID: Q3719-10
Analytical Method: 8260D
Sample Wt/Vol: 5.17 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 89.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.40	ug/Kg	11/26/25 17:11	VW112625
74-87-3	Chloromethane	1.20	U	1	1.20	5.40	ug/Kg	11/26/25 17:11	VW112625
75-01-4	Vinyl Chloride	0.85	U	1	0.85	5.40	ug/Kg	11/26/25 17:11	VW112625
74-83-9	Bromomethane	1.20	U	1	1.20	5.40	ug/Kg	11/26/25 17:11	VW112625
75-00-3	Chloroethane	1.40	U	1	1.40	5.40	ug/Kg	11/26/25 17:11	VW112625
75-69-4	Trichlorofluoromethane	1.30	U	1	1.30	5.40	ug/Kg	11/26/25 17:11	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	UQ	1	1.10	5.40	ug/Kg	11/26/25 17:11	VW112625
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.40	ug/Kg	11/26/25 17:11	VW112625
67-64-1	Acetone	5.10	U	1	5.10	27.0	ug/Kg	11/26/25 17:11	VW112625
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.40	ug/Kg	11/26/25 17:11	VW112625
1634-04-4	Methyl tert-butyl Ether	0.79	U	1	0.79	5.40	ug/Kg	11/26/25 17:11	VW112625
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.40	ug/Kg	11/26/25 17:11	VW112625
75-09-2	Methylene Chloride	3.80	U	1	3.80	10.8	ug/Kg	11/26/25 17:11	VW112625
156-60-5	trans-1,2-Dichloroethene	0.93	U	1	0.93	5.40	ug/Kg	11/26/25 17:11	VW112625
75-34-3	1,1-Dichloroethane	0.87	U	1	0.87	5.40	ug/Kg	11/26/25 17:11	VW112625
110-82-7	Cyclohexane	0.85	U	1	0.85	5.40	ug/Kg	11/26/25 17:11	VW112625
78-93-3	2-Butanone	7.10	U	1	7.10	27.0	ug/Kg	11/26/25 17:11	VW112625
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.40	ug/Kg	11/26/25 17:11	VW112625
156-59-2	cis-1,2-Dichloroethene	0.81	U	1	0.81	5.40	ug/Kg	11/26/25 17:11	VW112625
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.40	ug/Kg	11/26/25 17:11	VW112625
67-66-3	Chloroform	0.91	U	1	0.91	5.40	ug/Kg	11/26/25 17:11	VW112625
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.40	ug/Kg	11/26/25 17:11	VW112625
108-87-2	Methylcyclohexane	0.98	U	1	0.98	5.40	ug/Kg	11/26/25 17:11	VW112625
71-43-2	Benzene	0.85	U	1	0.85	5.40	ug/Kg	11/26/25 17:11	VW112625
107-06-2	1,2-Dichloroethane	0.85	U	1	0.85	5.40	ug/Kg	11/26/25 17:11	VW112625
79-01-6	Trichloroethene	0.88	U	1	0.88	5.40	ug/Kg	11/26/25 17:11	VW112625
78-87-5	1,2-Dichloropropane	0.98	U	1	0.98	5.40	ug/Kg	11/26/25 17:11	VW112625
75-27-4	Bromodichloromethane	0.84	U	1	0.84	5.40	ug/Kg	11/26/25 17:11	VW112625
108-10-1	4-Methyl-2-Pentanone	3.90	U	1	3.90	27.0	ug/Kg	11/26/25 17:11	VW112625
108-88-3	Toluene	0.84	U	1	0.84	5.40	ug/Kg	11/26/25 17:11	VW112625
10061-02-6	t-1,3-Dichloropropene	0.70	U	1	0.70	5.40	ug/Kg	11/26/25 17:11	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.67	U	1	0.67	5.40	ug/Kg	11/26/25 17:11	VW112625
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.40	ug/Kg	11/26/25 17:11	VW112625
591-78-6	2-Hexanone	4.00	U	1	4.00	27.0	ug/Kg	11/26/25 17:11	VW112625
124-48-1	Dibromochloromethane	0.94	U	1	0.94	5.40	ug/Kg	11/26/25 17:11	VW112625
106-93-4	1,2-Dibromoethane	0.95	U	1	0.95	5.40	ug/Kg	11/26/25 17:11	VW112625
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.40	ug/Kg	11/26/25 17:11	VW112625
108-90-7	Chlorobenzene	0.98	U	1	0.98	5.40	ug/Kg	11/26/25 17:11	VW112625
100-41-4	Ethyl Benzene	0.72	U	1	0.72	5.40	ug/Kg	11/26/25 17:11	VW112625
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.8	ug/Kg	11/26/25 17:11	VW112625
95-47-6	o-Xylene	0.89	U	1	0.89	5.40	ug/Kg	11/26/25 17:11	VW112625
100-42-5	Styrene	0.77	U	1	0.77	5.40	ug/Kg	11/26/25 17:11	VW112625
75-25-2	Bromoform	0.93	U	1	0.93	5.40	ug/Kg	11/26/25 17:11	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-15B	SDG No.:	Q3719
Lab Sample ID:	Q3719-10	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.4
Sample Wt/Vol:	5.17 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.84	U	1	0.84	5.40	ug/Kg	11/26/25 17:11	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1	1.30	5.40	ug/Kg	11/26/25 17:11	VW112625
541-73-1	1,3-Dichlorobenzene	1.80	U	1	1.80	5.40	ug/Kg	11/26/25 17:11	VW112625
106-46-7	1,4-Dichlorobenzene	1.70	U	1	1.70	5.40	ug/Kg	11/26/25 17:11	VW112625
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.40	ug/Kg	11/26/25 17:11	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	1	2.00	5.40	ug/Kg	11/26/25 17:11	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.20	U	1	3.20	5.40	ug/Kg	11/26/25 17:11	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.40	U	1	3.40	5.40	ug/Kg	11/26/25 17:11	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	70.4			63 - 155	141%	SPK: 50
1868-53-7	Dibromofluoromethane	55.5			70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	46.2			74 - 123	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1			52 - 138	110%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	181000
540-36-3	1,4-Difluorobenzene	452000
3114-55-4	Chlorobenzene-d5	514000
3855-82-1	1,4-Dichlorobenzene-d4	252000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-16A
Lab Sample ID: Q3719-11
Analytical Method: 8260D
Sample Wt/Vol: 4.66 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 88
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.10	ug/Kg	11/26/25 17:33	VW112625
74-87-3	Chloromethane	1.40	U	1	1.40	6.10	ug/Kg	11/26/25 17:33	VW112625
75-01-4	Vinyl Chloride	0.96	U	1	0.96	6.10	ug/Kg	11/26/25 17:33	VW112625
74-83-9	Bromomethane	1.30	U	1	1.30	6.10	ug/Kg	11/26/25 17:33	VW112625
75-00-3	Chloroethane	1.50	U	1	1.50	6.10	ug/Kg	11/26/25 17:33	VW112625
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.10	ug/Kg	11/26/25 17:33	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UQ	1	1.30	6.10	ug/Kg	11/26/25 17:33	VW112625
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.10	ug/Kg	11/26/25 17:33	VW112625
67-64-1	Acetone	5.80	U	1	5.80	30.5	ug/Kg	11/26/25 17:33	VW112625
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.10	ug/Kg	11/26/25 17:33	VW112625
1634-04-4	Methyl tert-butyl Ether	0.89	U	1	0.89	6.10	ug/Kg	11/26/25 17:33	VW112625
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.10	ug/Kg	11/26/25 17:33	VW112625
75-09-2	Methylene Chloride	4.30	U	1	4.30	12.2	ug/Kg	11/26/25 17:33	VW112625
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	6.10	ug/Kg	11/26/25 17:33	VW112625
75-34-3	1,1-Dichloroethane	0.98	U	1	0.98	6.10	ug/Kg	11/26/25 17:33	VW112625
110-82-7	Cyclohexane	0.96	U	1	0.96	6.10	ug/Kg	11/26/25 17:33	VW112625
78-93-3	2-Butanone	8.00	U	1	8.00	30.5	ug/Kg	11/26/25 17:33	VW112625
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.10	ug/Kg	11/26/25 17:33	VW112625
156-59-2	cis-1,2-Dichloroethene	0.91	U	1	0.91	6.10	ug/Kg	11/26/25 17:33	VW112625
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.10	ug/Kg	11/26/25 17:33	VW112625
67-66-3	Chloroform	1.00	U	1	1.00	6.10	ug/Kg	11/26/25 17:33	VW112625
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:33	VW112625
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:33	VW112625
71-43-2	Benzene	0.96	U	1	0.96	6.10	ug/Kg	11/26/25 17:33	VW112625
107-06-2	1,2-Dichloroethane	0.96	U	1	0.96	6.10	ug/Kg	11/26/25 17:33	VW112625
79-01-6	Trichloroethene	0.99	U	1	0.99	6.10	ug/Kg	11/26/25 17:33	VW112625
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:33	VW112625
75-27-4	Bromodichloromethane	0.95	U	1	0.95	6.10	ug/Kg	11/26/25 17:33	VW112625
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.5	ug/Kg	11/26/25 17:33	VW112625
108-88-3	Toluene	0.95	U	1	0.95	6.10	ug/Kg	11/26/25 17:33	VW112625
10061-02-6	t-1,3-Dichloropropene	0.79	U	1	0.79	6.10	ug/Kg	11/26/25 17:33	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.76	U	1	0.76	6.10	ug/Kg	11/26/25 17:33	VW112625
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:33	VW112625
591-78-6	2-Hexanone	4.50	U	1	4.50	30.5	ug/Kg	11/26/25 17:33	VW112625
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:33	VW112625
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:33	VW112625
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.10	ug/Kg	11/26/25 17:33	VW112625
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:33	VW112625
100-41-4	Ethyl Benzene	0.82	U	1	0.82	6.10	ug/Kg	11/26/25 17:33	VW112625
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.2	ug/Kg	11/26/25 17:33	VW112625
95-47-6	o-Xylene	1.00	U	1	1.00	6.10	ug/Kg	11/26/25 17:33	VW112625
100-42-5	Styrene	0.87	U	1	0.87	6.10	ug/Kg	11/26/25 17:33	VW112625
75-25-2	Bromoform	1.00	U	1	1.00	6.10	ug/Kg	11/26/25 17:33	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-16A	SDG No.:	Q3719
Lab Sample ID:	Q3719-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88
Sample Wt/Vol:	4.66 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.95	U	1	0.95	6.10	ug/Kg	11/26/25 17:33	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.10	ug/Kg	11/26/25 17:33	VW112625
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.10	ug/Kg	11/26/25 17:33	VW112625
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.10	ug/Kg	11/26/25 17:33	VW112625
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.10	ug/Kg	11/26/25 17:33	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.10	ug/Kg	11/26/25 17:33	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.10	ug/Kg	11/26/25 17:33	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.10	ug/Kg	11/26/25 17:33	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	71.4			63 - 155	143%	SPK: 50
1868-53-7	Dibromofluoromethane	55.5			70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	47.0			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7			52 - 138	111%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	180000
540-36-3	1,4-Difluorobenzene	445000
3114-55-4	Chlorobenzene-d5	516000
3855-82-1	1,4-Dichlorobenzene-d4	254000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-16B
Lab Sample ID: Q3719-12
Analytical Method: 8260D
Sample Wt/Vol: 4.51 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 90.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.10	ug/Kg	11/26/25 17:55	VW112625
74-87-3	Chloromethane	1.40	U	1	1.40	6.10	ug/Kg	11/26/25 17:55	VW112625
75-01-4	Vinyl Chloride	0.97	U	1	0.97	6.10	ug/Kg	11/26/25 17:55	VW112625
74-83-9	Bromomethane	1.30	U	1	1.30	6.10	ug/Kg	11/26/25 17:55	VW112625
75-00-3	Chloroethane	1.50	U	1	1.50	6.10	ug/Kg	11/26/25 17:55	VW112625
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.10	ug/Kg	11/26/25 17:55	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UQ	1	1.30	6.10	ug/Kg	11/26/25 17:55	VW112625
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.10	ug/Kg	11/26/25 17:55	VW112625
67-64-1	Acetone	5.80	U	1	5.80	30.6	ug/Kg	11/26/25 17:55	VW112625
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.10	ug/Kg	11/26/25 17:55	VW112625
1634-04-4	Methyl tert-butyl Ether	0.89	U	1	0.89	6.10	ug/Kg	11/26/25 17:55	VW112625
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.10	ug/Kg	11/26/25 17:55	VW112625
75-09-2	Methylene Chloride	4.30	U	1	4.30	12.2	ug/Kg	11/26/25 17:55	VW112625
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
75-34-3	1,1-Dichloroethane	0.98	U	1	0.98	6.10	ug/Kg	11/26/25 17:55	VW112625
110-82-7	Cyclohexane	0.97	U	1	0.97	6.10	ug/Kg	11/26/25 17:55	VW112625
78-93-3	2-Butanone	8.00	U	1	8.00	30.6	ug/Kg	11/26/25 17:55	VW112625
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.10	ug/Kg	11/26/25 17:55	VW112625
156-59-2	cis-1,2-Dichloroethene	0.92	U	1	0.92	6.10	ug/Kg	11/26/25 17:55	VW112625
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.10	ug/Kg	11/26/25 17:55	VW112625
67-66-3	Chloroform	1.00	U	1	1.00	6.10	ug/Kg	11/26/25 17:55	VW112625
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
71-43-2	Benzene	0.97	U	1	0.97	6.10	ug/Kg	11/26/25 17:55	VW112625
107-06-2	1,2-Dichloroethane	0.97	U	1	0.97	6.10	ug/Kg	11/26/25 17:55	VW112625
79-01-6	Trichloroethene	0.99	U	1	0.99	6.10	ug/Kg	11/26/25 17:55	VW112625
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
75-27-4	Bromodichloromethane	0.95	U	1	0.95	6.10	ug/Kg	11/26/25 17:55	VW112625
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.6	ug/Kg	11/26/25 17:55	VW112625
108-88-3	Toluene	0.95	U	1	0.95	6.10	ug/Kg	11/26/25 17:55	VW112625
10061-02-6	t-1,3-Dichloropropene	0.79	U	1	0.79	6.10	ug/Kg	11/26/25 17:55	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.76	U	1	0.76	6.10	ug/Kg	11/26/25 17:55	VW112625
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
591-78-6	2-Hexanone	4.50	U	1	4.50	30.6	ug/Kg	11/26/25 17:55	VW112625
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.10	ug/Kg	11/26/25 17:55	VW112625
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625
100-41-4	Ethyl Benzene	0.82	U	1	0.82	6.10	ug/Kg	11/26/25 17:55	VW112625
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.2	ug/Kg	11/26/25 17:55	VW112625
95-47-6	o-Xylene	1.00	U	1	1.00	6.10	ug/Kg	11/26/25 17:55	VW112625
100-42-5	Styrene	0.87	U	1	0.87	6.10	ug/Kg	11/26/25 17:55	VW112625
75-25-2	Bromoform	1.10	U	1	1.10	6.10	ug/Kg	11/26/25 17:55	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-16B	SDG No.:	Q3719
Lab Sample ID:	Q3719-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.7
Sample Wt/Vol:	4.51 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.95	U	1	0.95	6.10	ug/Kg	11/26/25 17:55	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.10	ug/Kg	11/26/25 17:55	VW112625
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.10	ug/Kg	11/26/25 17:55	VW112625
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.10	ug/Kg	11/26/25 17:55	VW112625
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.10	ug/Kg	11/26/25 17:55	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.10	ug/Kg	11/26/25 17:55	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.10	ug/Kg	11/26/25 17:55	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.10	ug/Kg	11/26/25 17:55	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	66.9			63 - 155	134%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	45.2			74 - 123	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9			52 - 138	108%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	190000
540-36-3	1,4-Difluorobenzene	464000
3114-55-4	Chlorobenzene-d5	527000
3855-82-1	1,4-Dichlorobenzene-d4	256000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-17A
Lab Sample ID: Q3719-13
Analytical Method: 8260D
Sample Wt/Vol: 4.89 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 86.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	5.90	ug/Kg	12/01/25 11:25	VY120125
74-87-3	Chloromethane	1.40	U	1	1.40	5.90	ug/Kg	12/01/25 11:25	VY120125
75-01-4	Vinyl Chloride	0.94	U	1	0.94	5.90	ug/Kg	12/01/25 11:25	VY120125
74-83-9	Bromomethane	1.30	U	1	1.30	5.90	ug/Kg	12/01/25 11:25	VY120125
75-00-3	Chloroethane	1.50	U	1	1.50	5.90	ug/Kg	12/01/25 11:25	VY120125
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.90	ug/Kg	12/01/25 11:25	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	5.90	ug/Kg	12/01/25 11:25	VY120125
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.90	ug/Kg	12/01/25 11:25	VY120125
67-64-1	Acetone	5.60	U	1	5.60	29.6	ug/Kg	12/01/25 11:25	VY120125
75-15-0	Carbon Disulfide	1.30	U	1	1.30	5.90	ug/Kg	12/01/25 11:25	VY120125
1634-04-4	Methyl tert-butyl Ether	0.86	U	1	0.86	5.90	ug/Kg	12/01/25 11:25	VY120125
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.90	ug/Kg	12/01/25 11:25	VY120125
75-09-2	Methylene Chloride	4.20	U	1	4.20	11.8	ug/Kg	12/01/25 11:25	VY120125
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	5.90	ug/Kg	12/01/25 11:25	VY120125
75-34-3	1,1-Dichloroethane	0.95	U	1	0.95	5.90	ug/Kg	12/01/25 11:25	VY120125
110-82-7	Cyclohexane	0.94	U	1	0.94	5.90	ug/Kg	12/01/25 11:25	VY120125
78-93-3	2-Butanone	7.70	U	1	7.70	29.6	ug/Kg	12/01/25 11:25	VY120125
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.90	ug/Kg	12/01/25 11:25	VY120125
156-59-2	cis-1,2-Dichloroethene	0.89	U	1	0.89	5.90	ug/Kg	12/01/25 11:25	VY120125
74-97-5	Bromochloromethane	1.40	U	1	1.40	5.90	ug/Kg	12/01/25 11:25	VY120125
67-66-3	Chloroform	1.00	U	1	1.00	5.90	ug/Kg	12/01/25 11:25	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	12/01/25 11:25	VY120125
108-87-2	Methylcyclohexane	1.10	U	1	1.10	5.90	ug/Kg	12/01/25 11:25	VY120125
71-43-2	Benzene	0.94	U	1	0.94	5.90	ug/Kg	12/01/25 11:25	VY120125
107-06-2	1,2-Dichloroethane	0.94	U	1	0.94	5.90	ug/Kg	12/01/25 11:25	VY120125
79-01-6	Trichloroethene	0.96	U	1	0.96	5.90	ug/Kg	12/01/25 11:25	VY120125
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	5.90	ug/Kg	12/01/25 11:25	VY120125
75-27-4	Bromodichloromethane	0.92	U	1	0.92	5.90	ug/Kg	12/01/25 11:25	VY120125
108-10-1	4-Methyl-2-Pentanone	4.20	U	1	4.20	29.6	ug/Kg	12/01/25 11:25	VY120125
108-88-3	Toluene	0.92	U	1	0.92	5.90	ug/Kg	12/01/25 11:25	VY120125
10061-02-6	t-1,3-Dichloropropene	0.77	U	1	0.77	5.90	ug/Kg	12/01/25 11:25	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.73	U	1	0.73	5.90	ug/Kg	12/01/25 11:25	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	12/01/25 11:25	VY120125
591-78-6	2-Hexanone	4.40	U	1	4.40	29.6	ug/Kg	12/01/25 11:25	VY120125
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.90	ug/Kg	12/01/25 11:25	VY120125
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.90	ug/Kg	12/01/25 11:25	VY120125
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.90	ug/Kg	12/01/25 11:25	VY120125
108-90-7	Chlorobenzene	1.10	U	1	1.10	5.90	ug/Kg	12/01/25 11:25	VY120125
100-41-4	Ethyl Benzene	0.79	U	1	0.79	5.90	ug/Kg	12/01/25 11:25	VY120125
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	11.8	ug/Kg	12/01/25 11:25	VY120125
95-47-6	o-Xylene	0.97	U	1	0.97	5.90	ug/Kg	12/01/25 11:25	VY120125
100-42-5	Styrene	0.84	U	1	0.84	5.90	ug/Kg	12/01/25 11:25	VY120125
75-25-2	Bromoform	1.00	U	1	1.00	5.90	ug/Kg	12/01/25 11:25	VY120125

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-17A	SDG No.:	Q3719
Lab Sample ID:	Q3719-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.3
Sample Wt/Vol:	4.89 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.92	U	1	0.92	5.90	ug/Kg	12/01/25 11:25	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.90	ug/Kg	12/01/25 11:25	VY120125
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.90	ug/Kg	12/01/25 11:25	VY120125
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.90	ug/Kg	12/01/25 11:25	VY120125
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.90	ug/Kg	12/01/25 11:25	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	5.90	ug/Kg	12/01/25 11:25	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.50	U	1	3.50	5.90	ug/Kg	12/01/25 11:25	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.80	U	1	3.80	5.90	ug/Kg	12/01/25 11:25	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	63.8		63 - 155	128%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	50.4		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.6		52 - 138	87%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	710000
540-36-3	1,4-Difluorobenzene	1310000
3114-55-4	Chlorobenzene-d5	1120000
3855-82-1	1,4-Dichlorobenzene-d4	428000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-17B
Lab Sample ID: Q3719-14
Analytical Method: 8260D
Sample Wt/Vol: 4.27 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/25/25
SDG No.: Q3719
Matrix: SOIL
% Solid: 84.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.60	U	1	1.60	6.90	ug/Kg	11/26/25 19:23	VW112625
74-87-3	Chloromethane	1.60	U	1	1.60	6.90	ug/Kg	11/26/25 19:23	VW112625
75-01-4	Vinyl Chloride	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
74-83-9	Bromomethane	1.50	U	1	1.50	6.90	ug/Kg	11/26/25 19:23	VW112625
75-00-3	Chloroethane	1.80	U	1	1.80	6.90	ug/Kg	11/26/25 19:23	VW112625
75-69-4	Trichlorofluoromethane	1.70	U	1	1.70	6.90	ug/Kg	11/26/25 19:23	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	UQ	1	1.50	6.90	ug/Kg	11/26/25 19:23	VW112625
75-35-4	1,1-Dichloroethene	1.40	U	1	1.40	6.90	ug/Kg	11/26/25 19:23	VW112625
67-64-1	Acetone	96.6		1	6.60	34.7	ug/Kg	11/26/25 19:23	VW112625
75-15-0	Carbon Disulfide	1.50	U	1	1.50	6.90	ug/Kg	11/26/25 19:23	VW112625
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	1.00	6.90	ug/Kg	11/26/25 19:23	VW112625
79-20-9	Methyl Acetate	2.10	U	1	2.10	6.90	ug/Kg	11/26/25 19:23	VW112625
75-09-2	Methylene Chloride	4.90	U	1	4.90	13.9	ug/Kg	11/26/25 19:23	VW112625
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	6.90	ug/Kg	11/26/25 19:23	VW112625
75-34-3	1,1-Dichloroethane	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
110-82-7	Cyclohexane	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
78-93-3	2-Butanone	25.7	J	1	9.10	34.7	ug/Kg	11/26/25 19:23	VW112625
56-23-5	Carbon Tetrachloride	1.30	U	1	1.30	6.90	ug/Kg	11/26/25 19:23	VW112625
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	1.00	6.90	ug/Kg	11/26/25 19:23	VW112625
74-97-5	Bromochloromethane	1.60	U	1	1.60	6.90	ug/Kg	11/26/25 19:23	VW112625
67-66-3	Chloroform	1.20	U	1	1.20	6.90	ug/Kg	11/26/25 19:23	VW112625
71-55-6	1,1,1-Trichloroethane	1.30	U	1	1.30	6.90	ug/Kg	11/26/25 19:23	VW112625
108-87-2	Methylcyclohexane	1.30	U	1	1.30	6.90	ug/Kg	11/26/25 19:23	VW112625
71-43-2	Benzene	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
79-01-6	Trichloroethene	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
78-87-5	1,2-Dichloropropane	1.30	U	1	1.30	6.90	ug/Kg	11/26/25 19:23	VW112625
75-27-4	Bromodichloromethane	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	5.00	34.7	ug/Kg	11/26/25 19:23	VW112625
108-88-3	Toluene	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
10061-02-6	t-1,3-Dichloropropene	0.90	U	1	0.90	6.90	ug/Kg	11/26/25 19:23	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.86	U	1	0.86	6.90	ug/Kg	11/26/25 19:23	VW112625
79-00-5	1,1,2-Trichloroethane	1.30	U	1	1.30	6.90	ug/Kg	11/26/25 19:23	VW112625
591-78-6	2-Hexanone	5.10	U	1	5.10	34.7	ug/Kg	11/26/25 19:23	VW112625
124-48-1	Dibromochloromethane	1.20	U	1	1.20	6.90	ug/Kg	11/26/25 19:23	VW112625
106-93-4	1,2-Dibromoethane	1.20	U	1	1.20	6.90	ug/Kg	11/26/25 19:23	VW112625
127-18-4	Tetrachloroethene	1.50	U	1	1.50	6.90	ug/Kg	11/26/25 19:23	VW112625
108-90-7	Chlorobenzene	1.30	U	1	1.30	6.90	ug/Kg	11/26/25 19:23	VW112625
100-41-4	Ethyl Benzene	0.93	U	1	0.93	6.90	ug/Kg	11/26/25 19:23	VW112625
179601-23-1	m/p-Xylenes	1.70	U	1	1.70	13.9	ug/Kg	11/26/25 19:23	VW112625
95-47-6	o-Xylene	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
100-42-5	Styrene	0.99	U	1	0.99	6.90	ug/Kg	11/26/25 19:23	VW112625
75-25-2	Bromoform	1.20	U	1	1.20	6.90	ug/Kg	11/26/25 19:23	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/24/25
Project:	Saddler Property	Date Received:	11/25/25
Client Sample ID:	SB-1125-17B	SDG No.:	Q3719
Lab Sample ID:	Q3719-14	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.3
Sample Wt/Vol:	4.27 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.10	U	1	1.10	6.90	ug/Kg	11/26/25 19:23	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.70	U	1	1.70	6.90	ug/Kg	11/26/25 19:23	VW112625
541-73-1	1,3-Dichlorobenzene	2.40	U	1	2.40	6.90	ug/Kg	11/26/25 19:23	VW112625
106-46-7	1,4-Dichlorobenzene	2.20	U	1	2.20	6.90	ug/Kg	11/26/25 19:23	VW112625
95-50-1	1,2-Dichlorobenzene	2.00	U	1	2.00	6.90	ug/Kg	11/26/25 19:23	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	2.60	U	1	2.60	6.90	ug/Kg	11/26/25 19:23	VW112625
120-82-1	1,2,4-Trichlorobenzene	4.10	U	1	4.10	6.90	ug/Kg	11/26/25 19:23	VW112625
87-61-6	1,2,3-Trichlorobenzene	4.40	U	1	4.40	6.90	ug/Kg	11/26/25 19:23	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	62.0		63 - 155	124%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	45.5		74 - 123	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.6		52 - 138	119%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	212000
540-36-3	1,4-Difluorobenzene	543000
3114-55-4	Chlorobenzene-d5	642000
3855-82-1	1,4-Dichlorobenzene-d4	328000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q3719**

Client: **Remington & Vernick**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3719-01	SB-1125-10A	1,2-Dichloroethane-d4	50	59.0	118		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	46.3	92		74	123
		4-Bromofluorobenzene	50	53.9	108		52	138
Q3719-02	SB-1125-10B	1,2-Dichloroethane-d4	50	55.4	111		63	155
		Dibromofluoromethane	50	49.4	99		70	134
		Toluene-d8	50	44.4	89		74	123
		4-Bromofluorobenzene	50	51.4	103		52	138
Q3719-03	SB-1125-11A	1,2-Dichloroethane-d4	50	69.1	138		63	155
		Dibromofluoromethane	50	53.9	108		70	134
		Toluene-d8	50	48.3	97		74	123
		4-Bromofluorobenzene	50	56.4	113		52	138
Q3719-04	SB-1125-11B	1,2-Dichloroethane-d4	50	71.8	144		63	155
		Dibromofluoromethane	50	53.6	107		70	134
		Toluene-d8	50	47.2	94		74	123
		4-Bromofluorobenzene	50	55.1	110		52	138
Q3719-05	SB-1125-12A	1,2-Dichloroethane-d4	50	70.1	140		63	155
		Dibromofluoromethane	50	55.1	110		70	134
		Toluene-d8	50	48.6	97		74	123
		4-Bromofluorobenzene	50	56.5	113		52	138
Q3719-06	SB-1125-12B	1,2-Dichloroethane-d4	50	69.5	139		63	155
		Dibromofluoromethane	50	53.6	107		70	134
		Toluene-d8	50	46.0	92		74	123
		4-Bromofluorobenzene	50	53.2	106		52	138
Q3719-07	SB-1125-14A	1,2-Dichloroethane-d4	50	65.8	132		63	155
		Dibromofluoromethane	50	52.4	105		70	134
		Toluene-d8	50	43.7	87		74	123
		4-Bromofluorobenzene	50	50.7	101		52	138
Q3719-08	SB-1125-14B	1,2-Dichloroethane-d4	50	69.7	139		63	155
		Dibromofluoromethane	50	55.2	110		70	134
		Toluene-d8	50	47.1	94		74	123
		4-Bromofluorobenzene	50	55.4	111		52	138
Q3719-09	SB-1125-15A	1,2-Dichloroethane-d4	50	74.4	149		63	155
		Dibromofluoromethane	50	54.6	109		70	134
		Toluene-d8	50	46.7	93		74	123
		4-Bromofluorobenzene	50	56.2	112		52	138
Q3719-09RE	SB-1125-15ARE	1,2-Dichloroethane-d4	50	141	282	*	63	155
		Dibromofluoromethane	50	77.3	155	*	70	134
		Toluene-d8	50	50.4	101		74	123
		4-Bromofluorobenzene	50	57.9	116		52	138
Q3719-10	SB-1125-15B	1,2-Dichloroethane-d4	50	70.4	141		63	155
		Dibromofluoromethane	50	55.5	111		70	134
		Toluene-d8	50	46.2	92		74	123
		4-Bromofluorobenzene	50	55.1	110		52	138
Q3719-11	SB-1125-16A	1,2-Dichloroethane-d4	50	71.4	143		63	155
		Dibromofluoromethane	50	55.5	111		70	134
		Toluene-d8	50	47.0	94		74	123
		4-Bromofluorobenzene	50	55.7	111		52	138
Q3719-12	SB-1125-16B	1,2-Dichloroethane-d4	50	66.9	134		63	155
		Dibromofluoromethane	50	53.5	107		70	134

Surrogate Summary

SDG No.: Q3719

Client: Remington & Vernick

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3719-12	SB-1125-16B	Toluene-d8	50	45.2	90		74	123
		4-Bromofluorobenzene	50	53.9	108		52	138
Q3719-13	SB-1125-17A	1,2-Dichloroethane-d4	50	63.8	128		63	155
		Dibromofluoromethane	50	54.9	110		70	134
		Toluene-d8	50	50.4	101		74	123
		4-Bromofluorobenzene	50	43.6	87		52	138
Q3719-14	SB-1125-17B	1,2-Dichloroethane-d4	50	62.0	124		63	155
		Dibromofluoromethane	50	48.2	96		70	134
		Toluene-d8	50	45.5	91		74	123
		4-Bromofluorobenzene	50	59.6	119		52	138
VW1125SBL01	VW1125SBL01	1,2-Dichloroethane-d4	50	59.5	119		63	155
		Dibromofluoromethane	50	54.7	109		70	134
		Toluene-d8	50	51.7	103		74	123
		4-Bromofluorobenzene	50	50.6	101		52	138
VW1125SBS01	VW1125SBS01	1,2-Dichloroethane-d4	50	52.9	106		63	155
		Dibromofluoromethane	50	55.2	110		70	134
		Toluene-d8	50	54.1	108		74	123
		4-Bromofluorobenzene	50	54.4	109		52	138
VW1125SBSD0	VW1125SBSD01	1,2-Dichloroethane-d4	50	53.3	107		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	49.7	99		74	123
		4-Bromofluorobenzene	50	51.1	102		52	138
VW1126SBL01	VW1126SBL01	1,2-Dichloroethane-d4	50	61.0	122		63	155
		Dibromofluoromethane	50	54.3	109		70	134
		Toluene-d8	50	49.6	99		74	123
		4-Bromofluorobenzene	50	47.2	94		52	138
VW1126SBS01	VW1126SBS01	1,2-Dichloroethane-d4	50	57.6	115		63	155
		Dibromofluoromethane	50	52.4	105		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	51.4	103		52	138
VY1201SBL01	VY1201SBL01	1,2-Dichloroethane-d4	50	58.3	117		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	49.5	99		74	123
		4-Bromofluorobenzene	50	42.2	84		52	138
VY1201SBS01	VY1201SBS01	1,2-Dichloroethane-d4	50	47.7	95		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.2	98		52	138

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3719	SW-846	Analytical Method:	SW8260D
Client:	Remington & Vernick	Datafile :	VW032531.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1125SBS01	Dichlorodifluoromethane	20	22.6	ug/Kg	113			64	136	
	Chloromethane	20	22.3	ug/Kg	112			73	129	
	Vinyl chloride	20	22.9	ug/Kg	115			73	133	
	Bromomethane	20	21.8	ug/Kg	109			77	137	
	Chloroethane	20	21.9	ug/Kg	110			69	130	
	Trichlorofluoromethane	20	19.0	ug/Kg	95			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.4	ug/Kg	117			81	123	
	1,1-Dichloroethene	20	22.9	ug/Kg	115			79	121	
	Acetone	100	110	ug/Kg	110			60	174	
	Carbon disulfide	20	21.2	ug/Kg	106			73	125	
	Methyl tert-butyl Ether	20	20.6	ug/Kg	103			77	129	
	Methyl Acetate	20	21.8	ug/Kg	109			51	140	
	Methylene Chloride	20	23.9	ug/Kg	119			54	158	
	trans-1,2-Dichloroethene	20	22.1	ug/Kg	111			80	123	
	1,1-Dichloroethane	20	23.4	ug/Kg	117			82	123	
	Cyclohexane	20	22.1	ug/Kg	111			76	122	
	2-Butanone	100	100	ug/Kg	100			69	131	
	Carbon Tetrachloride	20	23.9	ug/Kg	119			76	129	
	cis-1,2-Dichloroethene	20	22.2	ug/Kg	111			82	123	
	Bromochloromethane	20	22.5	ug/Kg	113			80	127	
	Chloroform	20	23.4	ug/Kg	117			82	125	
	1,1,1-Trichloroethane	20	22.9	ug/Kg	115			80	126	
	Methylcyclohexane	20	22.4	ug/Kg	112			77	123	
	Benzene	20	23.6	ug/Kg	118			84	121	
	1,2-Dichloroethane	20	24.1	ug/Kg	121			81	126	
	Trichloroethene	20	22.5	ug/Kg	113			83	122	
	1,2-Dichloropropane	20	24.4	ug/Kg	122			83	122	
	Bromodichloromethane	20	23.6	ug/Kg	118			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	23.9	ug/Kg	119			83	122	
	t-1,3-Dichloropropene	20	21.7	ug/Kg	109			78	124	
	cis-1,3-Dichloropropene	20	22.4	ug/Kg	112			81	122	
	1,1,2-Trichloroethane	20	23.1	ug/Kg	116			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	22.4	ug/Kg	112			79	125	
	1,2-Dibromoethane	20	23.2	ug/Kg	116			80	125	
	Tetrachloroethene	20	22.9	ug/Kg	115			83	125	
	Chlorobenzene	20	22.7	ug/Kg	114			84	122	
	Ethyl Benzene	20	22.1	ug/Kg	111			82	124	
	m/p-Xylenes	40	46.4	ug/Kg	116			83	124	
	o-Xylene	20	21.5	ug/Kg	108			83	123	
	Styrene	20	22.4	ug/Kg	112			82	124	
	Bromoform	20	21.0	ug/Kg	105			75	127	
	Isopropylbenzene	20	20.4	ug/Kg	102			82	124	
	1,1,2,2-Tetrachloroethane	20	21.2	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	22.2	ug/Kg	111			83	122	
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106			84	121	
	1,2-Dichlorobenzene	20	20.8	ug/Kg	104			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3719</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VW032531.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1125SBS01	1,2-Dibromo-3-Chloropropane	20	18.4	ug/Kg	92			66	134	
	1,2,4-Trichlorobenzene	20	19.0	ug/Kg	95			78	127	
	1,2,3-Trichlorobenzene	20	19.6	ug/Kg	98			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3719	SW-846	Analytical Method:	SW8260D
Client:	Remington & Vernick	Datafile :	VW032532.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1125SBSD01	Dichlorodifluoromethane	20	21.5	ug/Kg	108	5		64	136	20
	Chloromethane	20	21.7	ug/Kg	109	3		73	129	15
	Vinyl chloride	20	22.0	ug/Kg	110	4		73	133	15
	Bromomethane	20	21.7	ug/Kg	109	0		77	137	15
	Chloroethane	20	22.7	ug/Kg	114	4		69	130	15
	Trichlorofluoromethane	20	21.0	ug/Kg	105	10		69	134	27
	1,1,2-Trichlorotrifluoroethane	20	22.8	ug/Kg	114	3		81	123	20
	1,1-Dichloroethene	20	22.0	ug/Kg	110	4		79	121	16
	Acetone	100	110	ug/Kg	110	0		60	174	28
	Carbon disulfide	20	21.0	ug/Kg	105	1		73	125	15
	Methyl tert-butyl Ether	20	21.3	ug/Kg	106	3		77	129	20
	Methyl Acetate	20	22.7	ug/Kg	114	4		51	140	30
	Methylene Chloride	20	22.0	ug/Kg	110	8		54	158	20
	trans-1,2-Dichloroethene	20	21.6	ug/Kg	108	3		80	123	15
	1,1-Dichloroethane	20	22.6	ug/Kg	113	3		82	123	15
	Cyclohexane	20	21.6	ug/Kg	108	3		76	122	15
	2-Butanone	100	110	ug/Kg	110	10		69	131	29
	Carbon Tetrachloride	20	22.0	ug/Kg	110	8		76	129	15
	cis-1,2-Dichloroethene	20	22.1	ug/Kg	111	0		82	123	15
	Bromochloromethane	20	22.7	ug/Kg	114	1		80	127	15
	Chloroform	20	23.6	ug/Kg	118	1		82	125	15
	1,1,1-Trichloroethane	20	22.8	ug/Kg	114	1		80	126	15
	Methylcyclohexane	20	20.3	ug/Kg	102	9		77	123	15
	Benzene	20	21.8	ug/Kg	109	8		84	121	15
	1,2-Dichloroethane	20	22.6	ug/Kg	113	7		81	126	15
	Trichloroethene	20	21.3	ug/Kg	106	6		83	122	15
	1,2-Dichloropropane	20	22.7	ug/Kg	114	7		83	122	15
	Bromodichloromethane	20	22.1	ug/Kg	111	6		82	123	15
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0		70	135	26
	Toluene	20	21.9	ug/Kg	110	8		83	122	15
	t-1,3-Dichloropropene	20	21.0	ug/Kg	105	4		78	124	15
	cis-1,3-Dichloropropene	20	20.9	ug/Kg	104	7		81	122	15
	1,1,2-Trichloroethane	20	22.1	ug/Kg	111	4		82	125	15
	2-Hexanone	100	110	ug/Kg	110	0		66	138	27
	Dibromochloromethane	20	21.3	ug/Kg	106	6		79	125	15
	1,2-Dibromoethane	20	21.8	ug/Kg	109	6		80	125	16
	Tetrachloroethene	20	21.3	ug/Kg	106	8		83	125	15
	Chlorobenzene	20	20.6	ug/Kg	103	10		84	122	15
	Ethyl Benzene	20	20.6	ug/Kg	103	7		82	124	15
	m/p-Xylenes	40	42.2	ug/Kg	106	9		83	124	15
	o-Xylene	20	20.1	ug/Kg	101	7		83	123	15
	Styrene	20	21.5	ug/Kg	108	4		82	124	15
	Bromoform	20	19.6	ug/Kg	98	7		75	127	16
	Isopropylbenzene	20	20.0	ug/Kg	100	2		82	124	15
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109	3		77	127	21
	1,3-Dichlorobenzene	20	22.0	ug/Kg	110	1		83	122	15
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103	3		84	121	15
	1,2-Dichlorobenzene	20	21.0	ug/Kg	105	1		83	124	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3719</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VW032532.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1125SBSD01	1,2-Dibromo-3-Chloropropane	20	20.3	ug/Kg	102	10		66	134	20
	1,2,4-Trichlorobenzene	20	21.0	ug/Kg	105	10		78	127	20
	1,2,3-Trichlorobenzene	20	21.7	ug/Kg	109	11		70	137	16

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3719	SW-846	Analytical Method:	SW8260D
Client:	Remington & Vernick	Datafile :	VW032538.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1126SBS01	Dichlorodifluoromethane	20	23.9	ug/Kg	119			64	136	
	Chloromethane	20	24.3	ug/Kg	121			73	129	
	Vinyl chloride	20	23.7	ug/Kg	119			73	133	
	Bromomethane	20	24.4	ug/Kg	122			77	137	
	Chloroethane	20	23.2	ug/Kg	116			69	130	
	Trichlorofluoromethane	20	20.3	ug/Kg	102			69	134	
	1,1,2-Trichlorotrifluoroethane	20	24.9	ug/Kg	125	*		81	123	
	1,1-Dichloroethene	20	23.2	ug/Kg	116			79	121	
	Acetone	100	130	ug/Kg	130			60	174	
	Carbon disulfide	20	21.7	ug/Kg	109			73	125	
	Methyl tert-butyl Ether	20	21.6	ug/Kg	108			77	129	
	Methyl Acetate	20	24.6	ug/Kg	123			51	140	
	Methylene Chloride	20	25.3	ug/Kg	127			54	158	
	trans-1,2-Dichloroethene	20	22.3	ug/Kg	112			80	123	
	1,1-Dichloroethane	20	24.0	ug/Kg	120			82	123	
	Cyclohexane	20	22.0	ug/Kg	110			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	24.0	ug/Kg	120			76	129	
	cis-1,2-Dichloroethene	20	22.4	ug/Kg	112			82	123	
	Bromochloromethane	20	24.3	ug/Kg	121			80	127	
	Chloroform	20	24.8	ug/Kg	124			82	125	
	1,1,1-Trichloroethane	20	24.2	ug/Kg	121			80	126	
	Methylcyclohexane	20	21.0	ug/Kg	105			77	123	
	Benzene	20	23.1	ug/Kg	116			84	121	
	1,2-Dichloroethane	20	25.2	ug/Kg	126			81	126	
	Trichloroethene	20	20.8	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	23.5	ug/Kg	117			83	122	
	Bromodichloromethane	20	23.7	ug/Kg	119			82	123	
	4-Methyl-2-Pentanone	100	120	ug/Kg	120			70	135	
	Toluene	20	23.1	ug/Kg	116			83	122	
	t-1,3-Dichloropropene	20	21.7	ug/Kg	109			78	124	
	cis-1,3-Dichloropropene	20	22.0	ug/Kg	110			81	122	
	1,1,2-Trichloroethane	20	23.6	ug/Kg	118			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	23.2	ug/Kg	116			79	125	
	1,2-Dibromoethane	20	22.7	ug/Kg	114			80	125	
	Tetrachloroethene	20	22.3	ug/Kg	112			83	125	
	Chlorobenzene	20	21.8	ug/Kg	109			84	122	
	Ethyl Benzene	20	21.4	ug/Kg	107			82	124	
	m/p-Xylenes	40	44.0	ug/Kg	110			83	124	
	o-Xylene	20	20.8	ug/Kg	104			83	123	
	Styrene	20	21.8	ug/Kg	109			82	124	
	Bromoform	20	20.6	ug/Kg	103			75	127	
	Isopropylbenzene	20	20.1	ug/Kg	101			82	124	
	1,1,2,2-Tetrachloroethane	20	21.5	ug/Kg	108			77	127	
	1,3-Dichlorobenzene	20	22.1	ug/Kg	111			83	122	
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103			84	121	
	1,2-Dichlorobenzene	20	21.1	ug/Kg	106			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3719</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VW032538.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1126SBS01	1,2-Dibromo-3-Chloropropane	20	20.2	ug/Kg	101			66	134	
	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96			78	127	
	1,2,3-Trichlorobenzene	20	19.7	ug/Kg	99			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3719	SW-846	Analytical Method:	SW8260D
Client:	Remington & Vernick	Datafile :	VY023831.D	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3719</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VY023831.D</u>

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

VOLATILE METHOD BLANK SUMMARY

Client ID

VW1125SBL01

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VW032530.D

Lab Sample ID: VW1125SBL01

Date Analyzed: 11/25/2025

Time Analyzed: 09:57

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW1125SBS01	VW1125SBS01	VW032531.D	11/25/2025
VW1125SBSD01	VW1125SBSD01	VW032532.D	11/25/2025
SB-1125-10A	Q3719-01	VW032533.D	11/25/2025
SB-1125-10B	Q3719-02	VW032534.D	11/25/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VW1126SBL01

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VW032537.D

Lab Sample ID: VW1126SBL01

Date Analyzed: 11/26/2025

Time Analyzed: 12:37

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW1126SBS01	VW1126SBS01	VW032538.D	11/26/2025
SB-1125-11A	Q3719-03	VW032540.D	11/26/2025
SB-1125-11B	Q3719-04	VW032543.D	11/26/2025
SB-1125-12A	Q3719-05	VW032544.D	11/26/2025
SB-1125-12B	Q3719-06	VW032545.D	11/26/2025
SB-1125-14A	Q3719-07	VW032546.D	11/26/2025
SB-1125-14B	Q3719-08	VW032547.D	11/26/2025
SB-1125-15A	Q3719-09	VW032548.D	11/26/2025
SB-1125-15B	Q3719-10	VW032549.D	11/26/2025
SB-1125-16A	Q3719-11	VW032550.D	11/26/2025
SB-1125-16B	Q3719-12	VW032551.D	11/26/2025
SB-1125-17B	Q3719-14	VW032555.D	11/26/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1201SBL01

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VY023830.D

Lab Sample ID: VY1201SBL01

Date Analyzed: 12/01/2025

Time Analyzed: 09:13

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025
SB-1125-15ARE	Q3719-09RE	VY023833.D	12/01/2025
SB-1125-17A	Q3719-13	VY023834.D	12/01/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VW032405.D

BFB Injection Date: 11/10/2025

Instrument ID: MSVOA_W

BFB Injection Time: 14:20

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

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	66.1 (98.5) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VW032406.D	11/10/2025	15:11
VSTDIC010	VSTDIC010	VW032407.D	11/10/2025	15:33
VSTDIC020	VSTDIC020	VW032408.D	11/10/2025	15:55
VSTDIC050	VSTDIC050	VW032409.D	11/10/2025	16:17
VSTDIC100	VSTDIC100	VW032410.D	11/10/2025	16:39
VSTDIC150	VSTDIC150	VW032411.D	11/10/2025	17:00

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VW032528.D

BFB Injection Date: 11/25/2025

Instrument ID: MSVOA_W

BFB Injection Time: 08:13

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

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	48.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	68.7
175	5.0 - 9.0% of mass 174	5.2 (7.5) 1
176	95.0 - 101.0% of mass 174	66.8 (97.2) 1
177	5.0 - 9.0% of mass 176	4.2 (6.3) 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	VW032529.D	11/25/2025	09:00
VW1125SBL01	VW1125SBL01	VW032530.D	11/25/2025	09:57
VW1125SBS01	VW1125SBS01	VW032531.D	11/25/2025	10:25
VW1125SBSD01	VW1125SBSD01	VW032532.D	11/25/2025	10:46
SB-1125-10A	Q3719-01	VW032533.D	11/25/2025	13:26
SB-1125-10B	Q3719-02	VW032534.D	11/25/2025	13:48

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VW032535.D

BFB Injection Date: 11/26/2025

Instrument ID: MSVOA_W

BFB Injection Time: 11:05

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

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	64.4
175	5.0 - 9.0% of mass 174	4.9 (7.7) 1
176	95.0 - 101.0% of mass 174	62.5 (97.1) 1
177	5.0 - 9.0% of mass 176	4 (6.3) 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	VW032536.D	11/26/2025	12:05
VW1126SBL01	VW1126SBL01	VW032537.D	11/26/2025	12:37
VW1126SBS01	VW1126SBS01	VW032538.D	11/26/2025	13:05
SB-1125-11A	Q3719-03	VW032540.D	11/26/2025	13:49
SB-1125-11B	Q3719-04	VW032543.D	11/26/2025	14:58
SB-1125-12A	Q3719-05	VW032544.D	11/26/2025	15:20
SB-1125-12B	Q3719-06	VW032545.D	11/26/2025	15:42
SB-1125-14A	Q3719-07	VW032546.D	11/26/2025	16:04
SB-1125-14B	Q3719-08	VW032547.D	11/26/2025	16:27
SB-1125-15A	Q3719-09	VW032548.D	11/26/2025	16:49
SB-1125-15B	Q3719-10	VW032549.D	11/26/2025	17:11
SB-1125-16A	Q3719-11	VW032550.D	11/26/2025	17:33
SB-1125-16B	Q3719-12	VW032551.D	11/26/2025	17:55
SB-1125-17B	Q3719-14	VW032555.D	11/26/2025	19:23

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VY023808.D

BFB Injection Date: 11/26/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:11

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

Heated Purge: Y/N Y

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

1-Value is % mass 174

2-Value is % mass 176

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

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3719

Lab File ID: VY023828.D

BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:24

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

Heated Purge: Y/N Y

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

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023829.D	12/01/2025	07:55
VY1201SBL01	VY1201SBL01	VY023830.D	12/01/2025	09:13
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025	09:37
SB-1125-15ARE	Q3719-09RE	VY023833.D	12/01/2025	10:38
SB-1125-17A	Q3719-13	VY023834.D	12/01/2025	11:25

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
Lab Code: ACE SDG NO.: Q3719
Lab File ID: VW032529.D Date Analyzed: 11/25/2025
Instrument ID: MSVOA_W Time Analyzed: 09:00
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	353910	7.96	659809	8.85	585550	11.63
UPPER LIMIT	707820	8.459	1319620	9.349	1171100	12.129
LOWER LIMIT	176955	7.459	329905	8.349	292775	11.129
EPA SAMPLE NO.						
SB-1125-10A	210353	7.96	491657	8.85	525721	11.63
SB-1125-10B	227021	7.97	528970	8.85	565806	11.64
VW1125SBL01	312940	7.96	616508	8.85	570663	11.63
VW1125SBS01	347685	7.95	620529	8.85	580431	11.63
VW1125SBSD01	373267	7.97	705017	8.85	657789	11.63

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3719</u>
Lab File ID:	<u>VW032529.D</u>	Date Analyzed:	<u>11/25/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>09:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS4 AREA #	RT #				
12 HOUR STD	271795	13.555				
UPPER LIMIT	543590	14.055				
LOWER LIMIT	135898	13.055				
EPA SAMPLE NO.						
SB-1125-10A	234999	13.56				
SB-1125-10B	258185	13.56				
VW1125SBL01	260746	13.56				
VW1125SBS01	286931	13.56				
VW1125SBSD01	307491	13.56				

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3719</u>
Lab File ID:	<u>VW032536.D</u>	Date Analyzed:	<u>11/26/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>12:05</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	353885	7.96	632151	8.85	586351	11.63
UPPER LIMIT	707770	8.459	1264300	9.349	1172700	12.129
LOWER LIMIT	176943	7.459	316076	8.349	293176	11.129
EPA SAMPLE NO.						
SB-1125-11A	193034	7.97	464802	8.86	514695	11.64
SB-1125-11B	183438	7.96	469951	8.85	532584	11.63
SB-1125-12A	186816	7.96	449736	8.86	514009	11.64
SB-1125-12B	186663	7.96	470881	8.85	539261	11.64
SB-1125-14A	200349	7.96	492902	8.85	550426	11.63
SB-1125-14B	191327	7.97	462395	8.85	513156	11.64
SB-1125-15A	176099 *	7.97	446493	8.85	510140	11.64
SB-1125-15B	181206	7.96	452149	8.86	513533	11.63
SB-1125-16A	179732	7.96	445052	8.85	515760	11.64
SB-1125-16B	189608	7.97	463920	8.85	526803	11.64
SB-1125-17B	212464	7.96	543417	8.85	642461	11.63
VW1126SBL01	322545	7.96	615508	8.85	556062	11.63
VW1126SBS01	337562	7.96	629179	8.85	578751	11.63

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3719</u>
Lab File ID:	<u>VW032536.D</u>	Date Analyzed:	<u>11/26/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>12:05</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS4 AREA #	RT #				
12 HOUR STD	285431	13.555				
UPPER LIMIT	570862	14.055				
LOWER LIMIT	142716	13.055				
EPA SAMPLE NO.						
SB-1125-11A	246255	13.56				
SB-1125-11B	255138	13.56				
SB-1125-12A	231134	13.56				
SB-1125-12B	265861	13.56				
SB-1125-14A	245674	13.56				
SB-1125-14B	246111	13.56				
SB-1125-15A	256049	13.56				
SB-1125-15B	252269	13.56				
SB-1125-16A	254063	13.56				
SB-1125-16B	256014	13.56				
SB-1125-17B	328212	13.56				
VW1126SBL01	253580	13.56				
VW1126SBS01	285723	13.56				

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
 Lab Code: ACE SDG NO.: Q3719
 Lab File ID: VY023829.D Date Analyzed: 12/01/2025
 Instrument ID: MSVOA_Y Time Analyzed: 07:55
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	565841	7.71	855261	8.62	736930	11.42
UPPER LIMIT	1131680	8.213	1710520	9.122	1473860	11.92
LOWER LIMIT	282921	7.213	427631	8.122	368465	10.92
EPA SAMPLE NO.						
SB-1125-15ARE	60762 *	7.71	124548 *	8.62	135409 *	11.42
SB-1125-17A	710245	7.71	1310532	8.62	1122921	11.42
VY1201SBL01	719047	7.71	1221329	8.62	995220	11.42
VY1201SBS01	535284	7.71	821167	8.62	693280	11.42

IS1 = Pentafluorobenzene

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
 Lab Code: ACE SDG NO.: Q3719
 Lab File ID: VY023829.D Date Analyzed: 12/01/2025
 Instrument ID: MSVOA_Y Time Analyzed: 07:55
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	375940	13.352				
UPPER LIMIT	751880	13.852				
LOWER LIMIT	187970	12.852				
EPA SAMPLE NO.						
SB-1125-15ARE	63239 *	13.35				
SB-1125-17A	427893	13.35				
VY1201SBL01	399677	13.35				
VY1201SBS01	360194	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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



QC SAMPLE DATA

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1125SBL01
Lab Sample ID: VW1125SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	11/25/25 09:57	VW112525
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/25/25 09:57	VW112525
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/25/25 09:57	VW112525
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/25/25 09:57	VW112525
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/25/25 09:57	VW112525
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/25/25 09:57	VW112525
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	11/25/25 09:57	VW112525
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/25/25 09:57	VW112525
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/25/25 09:57	VW112525
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/25/25 09:57	VW112525
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/25/25 09:57	VW112525
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/25/25 09:57	VW112525
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/25/25 09:57	VW112525
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/25/25 09:57	VW112525
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/25/25 09:57	VW112525
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	11/25/25 09:57	VW112525
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/25/25 09:57	VW112525
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/25/25 09:57	VW112525
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/25/25 09:57	VW112525
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	11/25/25 09:57	VW112525
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/25/25 09:57	VW112525
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/25/25 09:57	VW112525
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	11/25/25 09:57	VW112525
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/25/25 09:57	VW112525
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/25/25 09:57	VW112525
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/25/25 09:57	VW112525
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/25/25 09:57	VW112525
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/25/25 09:57	VW112525
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	11/25/25 09:57	VW112525
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/25/25 09:57	VW112525
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/25/25 09:57	VW112525
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/25/25 09:57	VW112525
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/25/25 09:57	VW112525
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	11/25/25 09:57	VW112525
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/25/25 09:57	VW112525
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/25/25 09:57	VW112525
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/25/25 09:57	VW112525
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/25/25 09:57	VW112525
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/25/25 09:57	VW112525
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/25/25 09:57	VW112525
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/25/25 09:57	VW112525
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/25/25 09:57	VW112525
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/25/25 09:57	VW112525

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1125SBL01
Lab Sample ID: VW1125SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/25/25 09:57	VW112525
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/25/25 09:57	VW112525
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/25/25 09:57	VW112525
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/25/25 09:57	VW112525
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/25/25 09:57	VW112525
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/25/25 09:57	VW112525
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/25/25 09:57	VW112525
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	11/25/25 09:57	VW112525

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	59.5			63 - 155	119%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7			70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	51.7			74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6			52 - 138	101%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	313000
540-36-3	1,4-Difluorobenzene	617000
3114-55-4	Chlorobenzene-d5	571000
3855-82-1	1,4-Dichlorobenzene-d4	261000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1126SBL01
Lab Sample ID: VW1126SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/26/25 12:37	VW112625
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 12:37	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/26/25 12:37	VW112625
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/26/25 12:37	VW112625
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/26/25 12:37	VW112625
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/26/25 12:37	VW112625
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/26/25 12:37	VW112625
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/26/25 12:37	VW112625
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/26/25 12:37	VW112625
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/26/25 12:37	VW112625
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/26/25 12:37	VW112625
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/26/25 12:37	VW112625
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 12:37	VW112625
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/26/25 12:37	VW112625
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/26/25 12:37	VW112625
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 12:37	VW112625
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 12:37	VW112625
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/26/25 12:37	VW112625
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 12:37	VW112625
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 12:37	VW112625
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	11/26/25 12:37	VW112625
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 12:37	VW112625
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/26/25 12:37	VW112625
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/26/25 12:37	VW112625
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/26/25 12:37	VW112625
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	11/26/25 12:37	VW112625
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/26/25 12:37	VW112625
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/26/25 12:37	VW112625
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 12:37	VW112625
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 12:37	VW112625
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/26/25 12:37	VW112625
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/26/25 12:37	VW112625
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/26/25 12:37	VW112625
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/26/25 12:37	VW112625
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/26/25 12:37	VW112625

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1126SBL01
Lab Sample ID: VW1126SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 12:37	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 12:37	VW112625
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/26/25 12:37	VW112625
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/26/25 12:37	VW112625
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/26/25 12:37	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/26/25 12:37	VW112625
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/26/25 12:37	VW112625
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	11/26/25 12:37	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.0			63 - 155	122%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3			70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	49.6			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2			52 - 138	94%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	323000
540-36-3	1,4-Difluorobenzene	616000
3114-55-4	Chlorobenzene-d5	556000
3855-82-1	1,4-Dichlorobenzene-d4	254000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VY1201SBL01
Lab Sample ID: VY1201SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VY1201SBL01
Lab Sample ID: VY1201SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

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

SURROGATES

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

INTERNAL STANDARDS

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1125SBS01
Lab Sample ID: VW1125SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.6		1	1.10	5.00	ug/Kg	11/25/25 10:25	VW112525
74-87-3	Chloromethane	22.3		1	1.10	5.00	ug/Kg	11/25/25 10:25	VW112525
75-01-4	Vinyl Chloride	22.9		1	0.79	5.00	ug/Kg	11/25/25 10:25	VW112525
74-83-9	Bromomethane	21.8		1	1.10	5.00	ug/Kg	11/25/25 10:25	VW112525
75-00-3	Chloroethane	21.9		1	1.30	5.00	ug/Kg	11/25/25 10:25	VW112525
75-69-4	Trichlorofluoromethane	19.0		1	1.20	5.00	ug/Kg	11/25/25 10:25	VW112525
76-13-1	1,1,2-Trichlorotrifluoroethane	23.4		1	1.10	5.00	ug/Kg	11/25/25 10:25	VW112525
75-35-4	1,1-Dichloroethene	22.9		1	1.00	5.00	ug/Kg	11/25/25 10:25	VW112525
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/25/25 10:25	VW112525
75-15-0	Carbon Disulfide	21.2		1	1.10	5.00	ug/Kg	11/25/25 10:25	VW112525
1634-04-4	Methyl tert-butyl Ether	20.6		1	0.73	5.00	ug/Kg	11/25/25 10:25	VW112525
79-20-9	Methyl Acetate	21.8		1	1.50	5.00	ug/Kg	11/25/25 10:25	VW112525
75-09-2	Methylene Chloride	23.9		1	3.50	10.0	ug/Kg	11/25/25 10:25	VW112525
156-60-5	trans-1,2-Dichloroethene	22.1		1	0.86	5.00	ug/Kg	11/25/25 10:25	VW112525
75-34-3	1,1-Dichloroethane	23.4		1	0.80	5.00	ug/Kg	11/25/25 10:25	VW112525
110-82-7	Cyclohexane	22.1		1	0.79	5.00	ug/Kg	11/25/25 10:25	VW112525
78-93-3	2-Butanone	100		1	6.50	25.0	ug/Kg	11/25/25 10:25	VW112525
56-23-5	Carbon Tetrachloride	23.9		1	0.97	5.00	ug/Kg	11/25/25 10:25	VW112525
156-59-2	cis-1,2-Dichloroethene	22.2		1	0.75	5.00	ug/Kg	11/25/25 10:25	VW112525
74-97-5	Bromochloromethane	22.5		1	1.20	5.00	ug/Kg	11/25/25 10:25	VW112525
67-66-3	Chloroform	23.4		1	0.84	5.00	ug/Kg	11/25/25 10:25	VW112525
71-55-6	1,1,1-Trichloroethane	22.9		1	0.93	5.00	ug/Kg	11/25/25 10:25	VW112525
108-87-2	Methylcyclohexane	22.4		1	0.91	5.00	ug/Kg	11/25/25 10:25	VW112525
71-43-2	Benzene	23.6		1	0.79	5.00	ug/Kg	11/25/25 10:25	VW112525
107-06-2	1,2-Dichloroethane	24.1		1	0.79	5.00	ug/Kg	11/25/25 10:25	VW112525
79-01-6	Trichloroethene	22.5		1	0.81	5.00	ug/Kg	11/25/25 10:25	VW112525
78-87-5	1,2-Dichloropropane	24.4		1	0.91	5.00	ug/Kg	11/25/25 10:25	VW112525
75-27-4	Bromodichloromethane	23.6		1	0.78	5.00	ug/Kg	11/25/25 10:25	VW112525
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	11/25/25 10:25	VW112525
108-88-3	Toluene	23.9		1	0.78	5.00	ug/Kg	11/25/25 10:25	VW112525
10061-02-6	t-1,3-Dichloropropene	21.7		1	0.65	5.00	ug/Kg	11/25/25 10:25	VW112525
10061-01-5	cis-1,3-Dichloropropene	22.4		1	0.62	5.00	ug/Kg	11/25/25 10:25	VW112525
79-00-5	1,1,2-Trichloroethane	23.1		1	0.92	5.00	ug/Kg	11/25/25 10:25	VW112525
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	11/25/25 10:25	VW112525
124-48-1	Dibromochloromethane	22.4		1	0.87	5.00	ug/Kg	11/25/25 10:25	VW112525
106-93-4	1,2-Dibromoethane	23.2		1	0.88	5.00	ug/Kg	11/25/25 10:25	VW112525
127-18-4	Tetrachloroethene	22.9		1	1.10	5.00	ug/Kg	11/25/25 10:25	VW112525
108-90-7	Chlorobenzene	22.7		1	0.91	5.00	ug/Kg	11/25/25 10:25	VW112525
100-41-4	Ethyl Benzene	22.1		1	0.67	5.00	ug/Kg	11/25/25 10:25	VW112525
179601-23-1	m/p-Xylenes	46.4		1	1.20	10.0	ug/Kg	11/25/25 10:25	VW112525
95-47-6	o-Xylene	21.5		1	0.82	5.00	ug/Kg	11/25/25 10:25	VW112525
100-42-5	Styrene	22.4		1	0.71	5.00	ug/Kg	11/25/25 10:25	VW112525
75-25-2	Bromoform	21.0		1	0.86	5.00	ug/Kg	11/25/25 10:25	VW112525

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	VW1125SBS01	SDG No.:	Q3719
Lab Sample ID:	VW1125SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.4		1	0.78	5.00	ug/Kg	11/25/25 10:25	VW112525
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1	1.20	5.00	ug/Kg	11/25/25 10:25	VW112525
541-73-1	1,3-Dichlorobenzene	22.2		1	1.70	5.00	ug/Kg	11/25/25 10:25	VW112525
106-46-7	1,4-Dichlorobenzene	21.3		1	1.60	5.00	ug/Kg	11/25/25 10:25	VW112525
95-50-1	1,2-Dichlorobenzene	20.8		1	1.50	5.00	ug/Kg	11/25/25 10:25	VW112525
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1	1.80	5.00	ug/Kg	11/25/25 10:25	VW112525
120-82-1	1,2,4-Trichlorobenzene	19.0		1	3.00	5.00	ug/Kg	11/25/25 10:25	VW112525
87-61-6	1,2,3-Trichlorobenzene	19.6		1	3.20	5.00	ug/Kg	11/25/25 10:25	VW112525

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.9			63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2			70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	54.1			74 - 123	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4			52 - 138	109%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	348000
540-36-3	1,4-Difluorobenzene	621000
3114-55-4	Chlorobenzene-d5	580000
3855-82-1	1,4-Dichlorobenzene-d4	287000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1126SBS01
Lab Sample ID: VW1126SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	23.9		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
74-87-3	Chloromethane	24.3		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
75-01-4	Vinyl Chloride	23.7		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
74-83-9	Bromomethane	24.4		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
75-00-3	Chloroethane	23.2		1	1.30	5.00	ug/Kg	11/26/25 13:05	VW112625
75-69-4	Trichlorofluoromethane	20.3		1	1.20	5.00	ug/Kg	11/26/25 13:05	VW112625
76-13-1	1,1,2-Trichlorotrifluoroethane	24.9		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
75-35-4	1,1-Dichloroethene	23.2		1	1.00	5.00	ug/Kg	11/26/25 13:05	VW112625
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	11/26/25 13:05	VW112625
75-15-0	Carbon Disulfide	21.7		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
1634-04-4	Methyl tert-butyl Ether	21.6		1	0.73	5.00	ug/Kg	11/26/25 13:05	VW112625
79-20-9	Methyl Acetate	24.6		1	1.50	5.00	ug/Kg	11/26/25 13:05	VW112625
75-09-2	Methylene Chloride	25.3		1	3.50	10.0	ug/Kg	11/26/25 13:05	VW112625
156-60-5	trans-1,2-Dichloroethene	22.3		1	0.86	5.00	ug/Kg	11/26/25 13:05	VW112625
75-34-3	1,1-Dichloroethane	24.0		1	0.80	5.00	ug/Kg	11/26/25 13:05	VW112625
110-82-7	Cyclohexane	22.0		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	11/26/25 13:05	VW112625
56-23-5	Carbon Tetrachloride	24.0		1	0.97	5.00	ug/Kg	11/26/25 13:05	VW112625
156-59-2	cis-1,2-Dichloroethene	22.4		1	0.75	5.00	ug/Kg	11/26/25 13:05	VW112625
74-97-5	Bromochloromethane	24.3		1	1.20	5.00	ug/Kg	11/26/25 13:05	VW112625
67-66-3	Chloroform	24.8		1	0.84	5.00	ug/Kg	11/26/25 13:05	VW112625
71-55-6	1,1,1-Trichloroethane	24.2		1	0.93	5.00	ug/Kg	11/26/25 13:05	VW112625
108-87-2	Methylcyclohexane	21.0		1	0.91	5.00	ug/Kg	11/26/25 13:05	VW112625
71-43-2	Benzene	23.1		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
107-06-2	1,2-Dichloroethane	25.2		1	0.79	5.00	ug/Kg	11/26/25 13:05	VW112625
79-01-6	Trichloroethene	20.8		1	0.81	5.00	ug/Kg	11/26/25 13:05	VW112625
78-87-5	1,2-Dichloropropane	23.5		1	0.91	5.00	ug/Kg	11/26/25 13:05	VW112625
75-27-4	Bromodichloromethane	23.7		1	0.78	5.00	ug/Kg	11/26/25 13:05	VW112625
108-10-1	4-Methyl-2-Pentanone	120		1	3.60	25.0	ug/Kg	11/26/25 13:05	VW112625
108-88-3	Toluene	23.1		1	0.78	5.00	ug/Kg	11/26/25 13:05	VW112625
10061-02-6	t-1,3-Dichloropropene	21.7		1	0.65	5.00	ug/Kg	11/26/25 13:05	VW112625
10061-01-5	cis-1,3-Dichloropropene	22.0		1	0.62	5.00	ug/Kg	11/26/25 13:05	VW112625
79-00-5	1,1,2-Trichloroethane	23.6		1	0.92	5.00	ug/Kg	11/26/25 13:05	VW112625
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	11/26/25 13:05	VW112625
124-48-1	Dibromochloromethane	23.2		1	0.87	5.00	ug/Kg	11/26/25 13:05	VW112625
106-93-4	1,2-Dibromoethane	22.7		1	0.88	5.00	ug/Kg	11/26/25 13:05	VW112625
127-18-4	Tetrachloroethene	22.3		1	1.10	5.00	ug/Kg	11/26/25 13:05	VW112625
108-90-7	Chlorobenzene	21.8		1	0.91	5.00	ug/Kg	11/26/25 13:05	VW112625
100-41-4	Ethyl Benzene	21.4		1	0.67	5.00	ug/Kg	11/26/25 13:05	VW112625
179601-23-1	m/p-Xylenes	44.0		1	1.20	10.0	ug/Kg	11/26/25 13:05	VW112625
95-47-6	o-Xylene	20.8		1	0.82	5.00	ug/Kg	11/26/25 13:05	VW112625
100-42-5	Styrene	21.8		1	0.71	5.00	ug/Kg	11/26/25 13:05	VW112625
75-25-2	Bromoform	20.6		1	0.86	5.00	ug/Kg	11/26/25 13:05	VW112625

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	VW1126SBS01	SDG No.:	Q3719
Lab Sample ID:	VW1126SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.1		1	0.78	5.00	ug/Kg	11/26/25 13:05	VW112625
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1	1.20	5.00	ug/Kg	11/26/25 13:05	VW112625
541-73-1	1,3-Dichlorobenzene	22.1		1	1.70	5.00	ug/Kg	11/26/25 13:05	VW112625
106-46-7	1,4-Dichlorobenzene	20.6		1	1.60	5.00	ug/Kg	11/26/25 13:05	VW112625
95-50-1	1,2-Dichlorobenzene	21.1		1	1.50	5.00	ug/Kg	11/26/25 13:05	VW112625
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		1	1.80	5.00	ug/Kg	11/26/25 13:05	VW112625
120-82-1	1,2,4-Trichlorobenzene	19.1		1	3.00	5.00	ug/Kg	11/26/25 13:05	VW112625
87-61-6	1,2,3-Trichlorobenzene	19.7		1	3.20	5.00	ug/Kg	11/26/25 13:05	VW112625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.6			63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4			70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	51.9			74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4			52 - 138	103%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	338000
540-36-3	1,4-Difluorobenzene	629000
3114-55-4	Chlorobenzene-d5	579000
3855-82-1	1,4-Dichlorobenzene-d4	286000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VY1201SBS01
Lab Sample ID: VY1201SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

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

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	VY1201SBS01	SDG No.:	Q3719
Lab Sample ID:	VY1201SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.6		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
541-73-1	1,3-Dichlorobenzene	21.6		1	1.70	5.00	ug/Kg	12/01/25 09:37	VY120125
106-46-7	1,4-Dichlorobenzene	21.6		1	1.60	5.00	ug/Kg	12/01/25 09:37	VY120125
95-50-1	1,2-Dichlorobenzene	21.9		1	1.50	5.00	ug/Kg	12/01/25 09:37	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1	1.80	5.00	ug/Kg	12/01/25 09:37	VY120125
120-82-1	1,2,4-Trichlorobenzene	20.8		1	3.00	5.00	ug/Kg	12/01/25 09:37	VY120125
87-61-6	1,2,3-Trichlorobenzene	21.2		1	3.20	5.00	ug/Kg	12/01/25 09:37	VY120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.7			63 - 155	95%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.2			52 - 138	98%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	535000							
540-36-3	1,4-Difluorobenzene	821000							
3114-55-4	Chlorobenzene-d5	693000							
3855-82-1	1,4-Dichlorobenzene-d4	360000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1125SBSD01
Lab Sample ID: VW1125SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.5		1	1.10	5.00	ug/Kg	11/25/25 10:46	VW112525
74-87-3	Chloromethane	21.7		1	1.10	5.00	ug/Kg	11/25/25 10:46	VW112525
75-01-4	Vinyl Chloride	22.0		1	0.79	5.00	ug/Kg	11/25/25 10:46	VW112525
74-83-9	Bromomethane	21.7		1	1.10	5.00	ug/Kg	11/25/25 10:46	VW112525
75-00-3	Chloroethane	22.7		1	1.30	5.00	ug/Kg	11/25/25 10:46	VW112525
75-69-4	Trichlorofluoromethane	21.0		1	1.20	5.00	ug/Kg	11/25/25 10:46	VW112525
76-13-1	1,1,2-Trichlorotrifluoroethane	22.8		1	1.10	5.00	ug/Kg	11/25/25 10:46	VW112525
75-35-4	1,1-Dichloroethene	22.0		1	1.00	5.00	ug/Kg	11/25/25 10:46	VW112525
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/25/25 10:46	VW112525
75-15-0	Carbon Disulfide	21.0		1	1.10	5.00	ug/Kg	11/25/25 10:46	VW112525
1634-04-4	Methyl tert-butyl Ether	21.3		1	0.73	5.00	ug/Kg	11/25/25 10:46	VW112525
79-20-9	Methyl Acetate	22.7		1	1.50	5.00	ug/Kg	11/25/25 10:46	VW112525
75-09-2	Methylene Chloride	22.0		1	3.50	10.0	ug/Kg	11/25/25 10:46	VW112525
156-60-5	trans-1,2-Dichloroethene	21.6		1	0.86	5.00	ug/Kg	11/25/25 10:46	VW112525
75-34-3	1,1-Dichloroethane	22.6		1	0.80	5.00	ug/Kg	11/25/25 10:46	VW112525
110-82-7	Cyclohexane	21.6		1	0.79	5.00	ug/Kg	11/25/25 10:46	VW112525
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/25/25 10:46	VW112525
56-23-5	Carbon Tetrachloride	22.0		1	0.97	5.00	ug/Kg	11/25/25 10:46	VW112525
156-59-2	cis-1,2-Dichloroethene	22.1		1	0.75	5.00	ug/Kg	11/25/25 10:46	VW112525
74-97-5	Bromochloromethane	22.7		1	1.20	5.00	ug/Kg	11/25/25 10:46	VW112525
67-66-3	Chloroform	23.6		1	0.84	5.00	ug/Kg	11/25/25 10:46	VW112525
71-55-6	1,1,1-Trichloroethane	22.8		1	0.93	5.00	ug/Kg	11/25/25 10:46	VW112525
108-87-2	Methylcyclohexane	20.3		1	0.91	5.00	ug/Kg	11/25/25 10:46	VW112525
71-43-2	Benzene	21.8		1	0.79	5.00	ug/Kg	11/25/25 10:46	VW112525
107-06-2	1,2-Dichloroethane	22.6		1	0.79	5.00	ug/Kg	11/25/25 10:46	VW112525
79-01-6	Trichloroethene	21.3		1	0.81	5.00	ug/Kg	11/25/25 10:46	VW112525
78-87-5	1,2-Dichloropropane	22.7		1	0.91	5.00	ug/Kg	11/25/25 10:46	VW112525
75-27-4	Bromodichloromethane	22.1		1	0.78	5.00	ug/Kg	11/25/25 10:46	VW112525
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	11/25/25 10:46	VW112525
108-88-3	Toluene	21.9		1	0.78	5.00	ug/Kg	11/25/25 10:46	VW112525
10061-02-6	t-1,3-Dichloropropene	21.0		1	0.65	5.00	ug/Kg	11/25/25 10:46	VW112525
10061-01-5	cis-1,3-Dichloropropene	20.9		1	0.62	5.00	ug/Kg	11/25/25 10:46	VW112525
79-00-5	1,1,2-Trichloroethane	22.1		1	0.92	5.00	ug/Kg	11/25/25 10:46	VW112525
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	11/25/25 10:46	VW112525
124-48-1	Dibromochloromethane	21.3		1	0.87	5.00	ug/Kg	11/25/25 10:46	VW112525
106-93-4	1,2-Dibromoethane	21.8		1	0.88	5.00	ug/Kg	11/25/25 10:46	VW112525
127-18-4	Tetrachloroethene	21.3		1	1.10	5.00	ug/Kg	11/25/25 10:46	VW112525
108-90-7	Chlorobenzene	20.6		1	0.91	5.00	ug/Kg	11/25/25 10:46	VW112525
100-41-4	Ethyl Benzene	20.6		1	0.67	5.00	ug/Kg	11/25/25 10:46	VW112525
179601-23-1	m/p-Xylenes	42.2		1	1.20	10.0	ug/Kg	11/25/25 10:46	VW112525
95-47-6	o-Xylene	20.1		1	0.82	5.00	ug/Kg	11/25/25 10:46	VW112525
100-42-5	Styrene	21.5		1	0.71	5.00	ug/Kg	11/25/25 10:46	VW112525
75-25-2	Bromoform	19.6		1	0.86	5.00	ug/Kg	11/25/25 10:46	VW112525

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: VW1125SBSD01
Lab Sample ID: VW1125SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3719
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.0		1	0.78	5.00	ug/Kg	11/25/25 10:46	VW112525
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1	1.20	5.00	ug/Kg	11/25/25 10:46	VW112525
541-73-1	1,3-Dichlorobenzene	22.0		1	1.70	5.00	ug/Kg	11/25/25 10:46	VW112525
106-46-7	1,4-Dichlorobenzene	20.5		1	1.60	5.00	ug/Kg	11/25/25 10:46	VW112525
95-50-1	1,2-Dichlorobenzene	21.0		1	1.50	5.00	ug/Kg	11/25/25 10:46	VW112525
96-12-8	1,2-Dibromo-3-Chloropropane	20.3		1	1.80	5.00	ug/Kg	11/25/25 10:46	VW112525
120-82-1	1,2,4-Trichlorobenzene	21.0		1	3.00	5.00	ug/Kg	11/25/25 10:46	VW112525
87-61-6	1,2,3-Trichlorobenzene	21.7		1	3.20	5.00	ug/Kg	11/25/25 10:46	VW112525

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.3			63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7			70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	49.7			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1			52 - 138	102%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	373000
540-36-3	1,4-Difluorobenzene	705000
3114-55-4	Chlorobenzene-d5	658000
3855-82-1	1,4-Dichlorobenzene-d4	307000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG No.: Q3719

Instrument ID: MSVOA_W

Calibration Date(s): 11/10/2025 11/10/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 15:11 17:00

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

LAB FILE ID:		RRF005 = VW032406.D		RRF010 = VW032407.D		RRF020 = VW032408.D			
		RRF050 = VW032409.D		RRF100 = VW032410.D		RRF150 = VW032411.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.288	0.282	0.231	0.248	0.243	0.230	0.254	10	
Chloromethane	0.476	0.439	0.408	0.408	0.438	0.440	0.435	5.8	
Vinyl Chloride	0.591	0.567	0.525	0.538	0.543	0.528	0.549	4.6	
Bromomethane	0.402	0.371	0.350	0.358	0.364	0.358	0.367	5.1	
Chloroethane	0.382	0.361	0.340	0.355	0.362	0.354	0.359	3.9	
Trichlorofluoromethane	0.420	0.416	0.392	0.459	0.442	0.452	0.430	5.9	
1,1,2-Trichlorotrifluoroethane	0.506	0.495	0.438	0.467	0.458	0.449	0.469	5.6	
1,1-Dichloroethene	0.576	0.541	0.506	0.540	0.539	0.523	0.537	4.3	
Acetone	0.216	0.194	0.183	0.186	0.190	0.188	0.193	6.3	
Carbon Disulfide	1.604	1.574	1.497	1.608	1.644	1.603	1.588	3.1	
Methyl tert-butyl Ether	1.186	1.163	1.107	1.139	1.126	1.076	1.133	3.5	
Methyl Acetate	0.486	0.494	0.459	0.463	0.476	0.487	0.478	2.9	
Methylene Chloride	0.789	0.741	0.682	0.640	0.658	0.629	0.690	9.1	
trans-1,2-Dichloroethene	0.646	0.619	0.596	0.603	0.624	0.598	0.615	3.1	
1,1-Dichloroethane	1.217	1.156	1.091	1.148	1.168	1.138	1.153	3.5	
Cyclohexane	1.236	1.141	1.016	1.027	1.003	0.976	1.066	9.5	
2-Butanone	0.292	0.288	0.282	0.280	0.284	0.278	0.284	1.9	
Carbon Tetrachloride	0.392	0.398	0.386	0.399	0.386	0.391	0.392	1.4	
cis-1,2-Dichloroethene	0.764	0.727	0.713	0.729	0.748	0.723	0.734	2.5	
Bromochloromethane	0.606	0.563	0.533	0.502	0.538	0.527	0.545	6.6	
Chloroform	1.164	1.165	1.089	1.109	1.141	1.103	1.129	2.9	
1,1,1-Trichloroethane	0.831	0.820	0.776	0.817	0.817	0.777	0.806	2.9	
Methylcyclohexane	0.560	0.575	0.562	0.598	0.562	0.572	0.571	2.5	
Benzene	1.410	1.473	1.410	1.437	1.413	1.380	1.420	2.2	
1,2-Dichloroethane	0.425	0.423	0.416	0.421	0.409	0.409	0.417	1.7	
Trichloroethene	0.336	0.340	0.327	0.335	0.323	0.323	0.331	2.2	
1,2-Dichloropropane	0.356	0.360	0.354	0.356	0.350	0.346	0.354	1.4	
Bromodichloromethane	0.460	0.469	0.456	0.482	0.481	0.482	0.471	2.5	
4-Methyl-2-Pentanone	0.304	0.329	0.330	0.336	0.317	0.311	0.321	3.9	
Toluene	0.875	0.896	0.870	0.894	0.870	0.859	0.877	1.7	

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3719</u>
Instrument ID: <u>MSVOA_W</u>	Calibration Date(s): <u>11/10/2025</u> <u>11/10/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>15:11</u> <u>17:00</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID: RRF005 = VW032406.D RRF010 = VW032407.D RRF020 = VW032408.D RRF050 = VW032409.D RRF100 = VW032410.D RRF150 = VW032411.D								
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.445	0.481	0.469	0.504	0.508	0.507	0.486	5.2
cis-1,3-Dichloropropene	0.531	0.553	0.556	0.579	0.576	0.574	0.562	3.2
1,1,2-Trichloroethane	0.288	0.283	0.282	0.293	0.278	0.277	0.284	2.1
2-Hexanone	0.223	0.245	0.241	0.244	0.231	0.226	0.235	4
Dibromochloromethane	0.306	0.317	0.314	0.320	0.320	0.322	0.317	1.9
1,2-Dibromoethane	0.261	0.292	0.279	0.281	0.272	0.272	0.276	3.8
Tetrachloroethene	0.298	0.304	0.285	0.300	0.303	0.287	0.296	2.8
Chlorobenzene	1.087	1.088	1.042	1.133	1.093	1.023	1.078	3.7
Ethyl Benzene	1.875	1.853	1.822	1.944	1.915	1.779	1.865	3.2
m/p-Xylenes	0.692	0.713	0.679	0.732	0.708	0.677	0.700	3
o-Xylene	0.668	0.659	0.662	0.682	0.699	0.653	0.670	2.5
Styrene	1.104	1.146	1.132	1.208	1.212	1.118	1.153	4
Bromoform	0.187	0.201	0.193	0.203	0.205	0.196	0.198	3.5
Isopropylbenzene	3.523	3.562	3.511	3.968	3.781	3.689	3.672	4.9
1,1,2,2-Tetrachloroethane	0.886	0.869	0.845	0.927	0.871	0.831	0.871	3.8
1,3-Dichlorobenzene	1.665	1.630	1.620	1.721	1.659	1.596	1.648	2.7
1,4-Dichlorobenzene	1.776	1.680	1.644	1.774	1.658	1.602	1.689	4.2
1,2-Dichlorobenzene	1.547	1.528	1.464	1.545	1.509	1.488	1.513	2.2
1,2-Dibromo-3-Chloropropane	0.145	0.146	0.145	0.159	0.152	0.154	0.150	3.8
1,2,4-Trichlorobenzene	0.943	0.917	0.923	1.032	0.972	0.992	0.963	4.6
1,2,3-Trichlorobenzene	0.892	0.831	0.836	0.901	0.880	0.906	0.874	3.8
1,2-Dichloroethane-d4	0.691	0.654	0.647	0.605	0.640	0.630	0.645	4.4
Dibromofluoromethane	0.314	0.302	0.305	0.287	0.297	0.291	0.299	3.3
Toluene-d8	1.171	1.176	1.152	1.130	1.136	1.125	1.148	1.9
4-Bromofluorobenzene	0.444	0.444	0.454	0.415	0.426	0.421	0.434	3.6

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3719</u>
Instrument ID: <u>MSVOA_Y</u>	Calibration Date(s): <u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>08:04</u> <u>10:02</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3719</u>
Instrument ID: <u>MSVOA_Y</u>	Calibration Date(s): <u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>08:04</u> <u>10:02</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3719</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>11/25/2025 09:00</u>
Lab File ID:	<u>VW032529.D</u>	Init. Calib. Date(s):	<u>11/10/2025 11/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>15:11 17:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.254	0.272		7.09	20
Chloromethane	0.435	0.456	0.1	4.83	20
Vinyl Chloride	0.549	0.602		9.65	20
Bromomethane	0.367	0.383		4.36	20
Chloroethane	0.359	0.379		5.57	20
Trichlorofluoromethane	0.430	0.418		-2.79	20
1,1,2-Trichlorotrifluoroethane	0.469	0.520		10.87	20
1,1-Dichloroethene	0.537	0.579		7.82	20
Acetone	0.193	0.192		-0.52	20
Carbon Disulfide	1.588	1.667		4.97	20
Methyl tert-butyl Ether	1.133	1.160		2.38	20
Methyl Acetate	0.478	0.525		9.83	20
Methylene Chloride	0.690	0.705		2.17	20
trans-1,2-Dichloroethene	0.615	0.669		8.78	20
1,1-Dichloroethane	1.153	1.289	0.1	11.8	20
Cyclohexane	1.066	1.125		5.53	20
2-Butanone	0.284	0.279		-1.76	20
Carbon Tetrachloride	0.392	0.440		12.24	20
cis-1,2-Dichloroethene	0.734	0.785		6.95	20
Bromochloromethane	0.545	0.573		5.14	20
Chloroform	1.129	1.268		12.31	20
1,1,1-Trichloroethane	0.806	0.892		10.67	20
Methylcyclohexane	0.571	0.622		8.93	20
Benzene	1.420	1.507		6.13	20
1,2-Dichloroethane	0.417	0.450		7.91	20
Trichloroethene	0.331	0.340		2.72	20
1,2-Dichloropropane	0.354	0.381		7.63	20
Bromodichloromethane	0.471	0.505		7.22	20
4-Methyl-2-Pentanone	0.321	0.340		5.92	20
Toluene	0.877	0.963		9.81	20
t-1,3-Dichloropropene	0.486	0.510		4.94	20
cis-1,3-Dichloropropene	0.562	0.601		6.94	20
1,1,2-Trichloroethane	0.284	0.300		5.63	20
2-Hexanone	0.235	0.238		1.28	20
Dibromochloromethane	0.317	0.330		4.1	20
1,2-Dibromoethane	0.276	0.285		3.26	20
Tetrachloroethene	0.296	0.321		8.45	20
Chlorobenzene	1.078	1.128	0.3	4.64	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3719</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>11/25/2025</u> <u>09:00</u>
Lab File ID:	<u>VW032529.D</u>	Init. Calib. Date(s):	<u>11/10/2025</u> <u>11/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>15:11</u> <u>17:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	2.017		8.15	20
m/p-Xylenes	0.700	0.779		11.29	20
o-Xylene	0.670	0.721		7.61	20
Styrene	1.153	1.277		10.76	20
Bromoform	0.198	0.210	0.1	6.06	20
Isopropylbenzene	3.672	3.963		7.93	20
1,1,2,2-Tetrachloroethane	0.871	0.929	0.3	6.66	20
1,3-Dichlorobenzene	1.648	1.853		12.44	20
1,4-Dichlorobenzene	1.689	1.832		8.47	20
1,2-Dichlorobenzene	1.513	1.593		5.29	20
1,2-Dibromo-3-Chloropropane	0.150	0.152		1.33	20
1,2,4-Trichlorobenzene	0.963	0.957		-0.62	20
1,2,3-Trichlorobenzene	0.874	0.921		5.38	20
1,2-Dichloroethane-d4	0.645	0.672		4.19	20
Dibromofluoromethane	0.299	0.310		3.68	20
Toluene-d8	1.148	1.197		4.27	20
4-Bromofluorobenzene	0.434	0.438		0.92	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3719</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>11/26/2025 12:05</u>
Lab File ID:	<u>VW032536.D</u>	Init. Calib. Date(s):	<u>11/10/2025 11/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>15:11 17:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.254	0.283		11.42	20
Chloromethane	0.435	0.490	0.1	12.64	20
Vinyl Chloride	0.549	0.631		14.94	20
Bromomethane	0.367	0.414		12.81	20
Chloroethane	0.359	0.408		13.65	20
Trichlorofluoromethane	0.430	0.460		6.98	20
1,1,2-Trichlorotrifluoroethane	0.469	0.567		20.9	20
1,1-Dichloroethene	0.537	0.621		15.64	20
Acetone	0.193	0.201		4.14	20
Carbon Disulfide	1.588	1.704		7.3	20
Methyl tert-butyl Ether	1.133	1.192		5.21	20
Methyl Acetate	0.478	0.580		21.34	20
Methylene Chloride	0.690	0.732		6.09	20
trans-1,2-Dichloroethene	0.615	0.683		11.06	20
1,1-Dichloroethane	1.153	1.330	0.1	15.35	20
Cyclohexane	1.066	1.138		6.75	20
2-Butanone	0.284	0.286		0.7	20
Carbon Tetrachloride	0.392	0.484		23.47	20
cis-1,2-Dichloroethene	0.734	0.805		9.67	20
Bromochloromethane	0.545	0.594		8.99	20
Chloroform	1.129	1.341		18.78	20
1,1,1-Trichloroethane	0.806	0.936		16.13	20
Methylcyclohexane	0.571	0.644		12.78	20
Benzene	1.420	1.626		14.51	20
1,2-Dichloroethane	0.417	0.508		21.82	20
Trichloroethene	0.331	0.364		9.97	20
1,2-Dichloropropane	0.354	0.416		17.51	20
Bromodichloromethane	0.471	0.565		19.96	20
4-Methyl-2-Pentanone	0.321	0.368		14.64	20
Toluene	0.877	1.020		16.31	20
t-1,3-Dichloropropene	0.486	0.552		13.58	20
cis-1,3-Dichloropropene	0.562	0.646		14.95	20
1,1,2-Trichloroethane	0.284	0.318		11.97	20
2-Hexanone	0.235	0.258		9.79	20
Dibromochloromethane	0.317	0.368		16.09	20
1,2-Dibromoethane	0.276	0.308		11.59	20
Tetrachloroethene	0.296	0.333		12.5	20
Chlorobenzene	1.078	1.161	0.3	7.7	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3719</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>11/26/2025</u> <u>12:05</u>
Lab File ID:	<u>VW032536.D</u>	Init. Calib. Date(s):	<u>11/10/2025</u> <u>11/10/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>15:11</u> <u>17:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	2.114		13.35	20
m/p-Xylenes	0.700	0.773		10.43	20
o-Xylene	0.670	0.743		10.9	20
Styrene	1.153	1.319		14.4	20
Bromoform	0.198	0.210	0.1	6.06	20
Isopropylbenzene	3.672	3.918		6.7	20
1,1,2,2-Tetrachloroethane	0.871	0.907	0.3	4.13	20
1,3-Dichlorobenzene	1.648	1.840		11.65	20
1,4-Dichlorobenzene	1.689	1.772		4.91	20
1,2-Dichlorobenzene	1.513	1.619		7.01	20
1,2-Dibromo-3-Chloropropane	0.150	0.151		0.67	20
1,2,4-Trichlorobenzene	0.963	0.967		0.41	20
1,2,3-Trichlorobenzene	0.874	0.916		4.8	20
1,2-Dichloroethane-d4	0.645	0.717		11.16	20
Dibromofluoromethane	0.299	0.323		8.03	20
Toluene-d8	1.148	1.231		7.23	20
4-Bromofluorobenzene	0.434	0.460		5.99	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3719</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025 07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025 11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04 10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3719</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025</u> <u>07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

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

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



SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032533.D
 Acq On : 25 Nov 2025 13:26
 Operator : SY/MD
 Sample : Q3719-01
 Misc : 5.47g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-10A

Quant Time: Nov 26 01:39:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	210353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	491657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	525721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	160089	59.031	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	118.060%
35) Dibromofluoromethane	7.892	113	152050	51.653	ug/l	-0.01
Spiked Amount	50.000	Range	70 - 134	Recovery	=	103.300%
50) Toluene-d8	10.325	98	522272	46.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.617	95	229919	53.896	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	107.800%

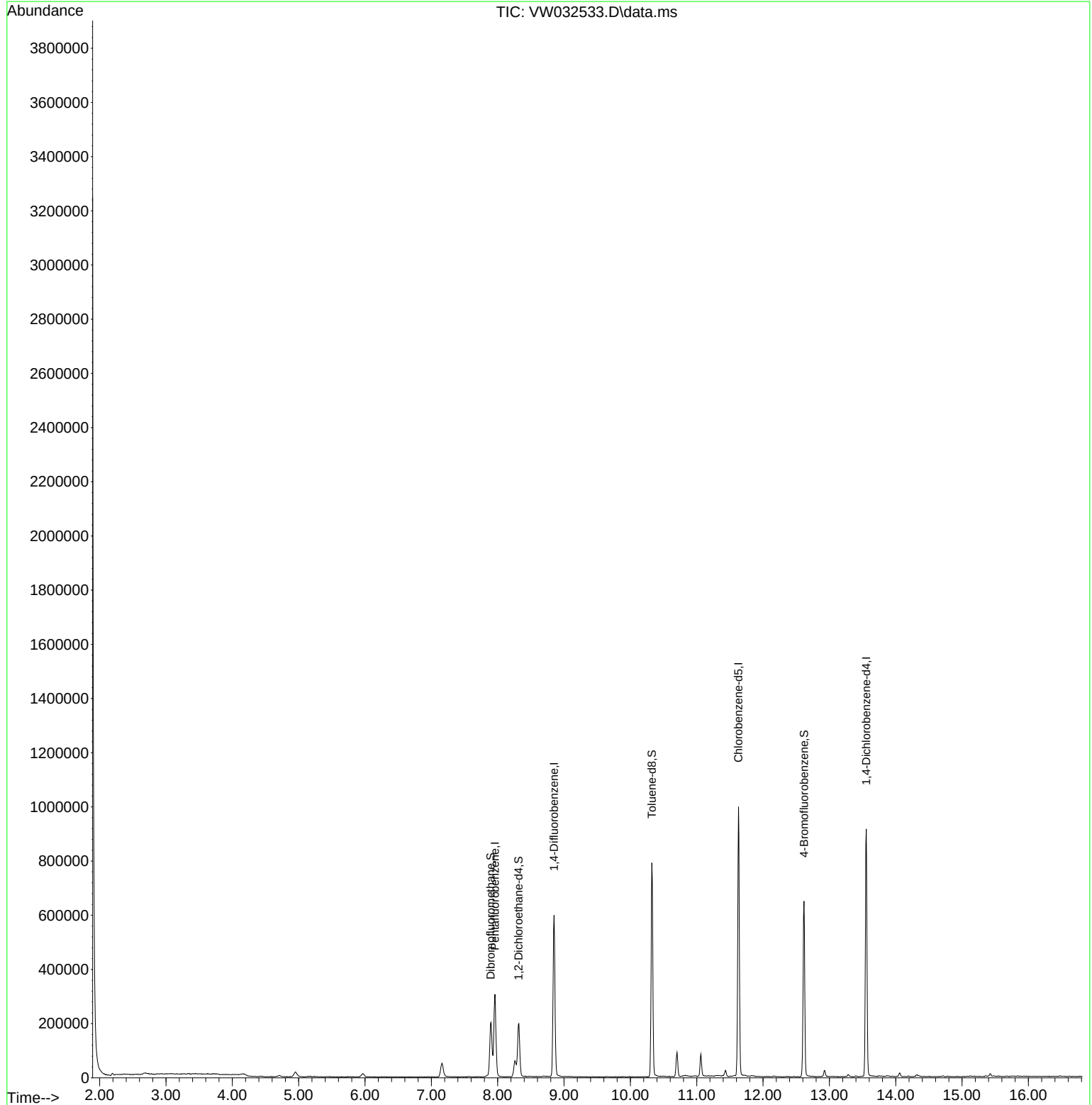
Target Compounds	Qvalue

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

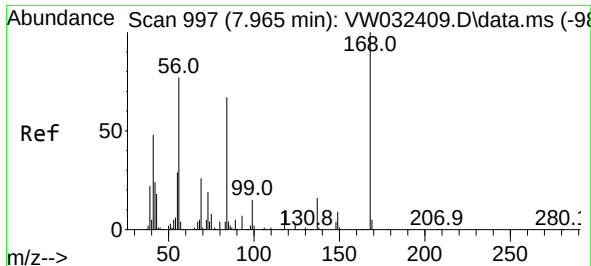
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Acq On : 25 Nov 2025 13:26
Operator : SY/MD
Sample : Q3719-01
Misc : 5.47g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10A

Quant Time: Nov 26 01:39:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



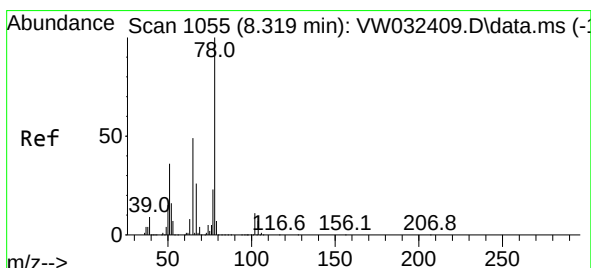
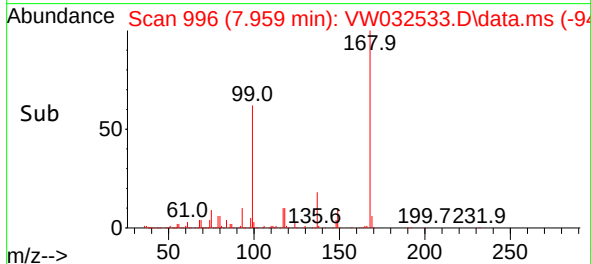
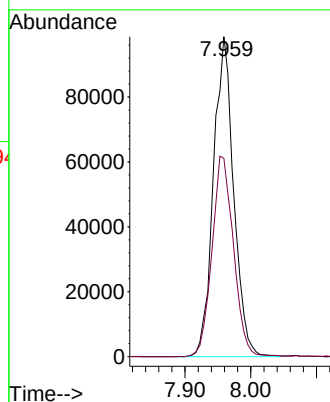
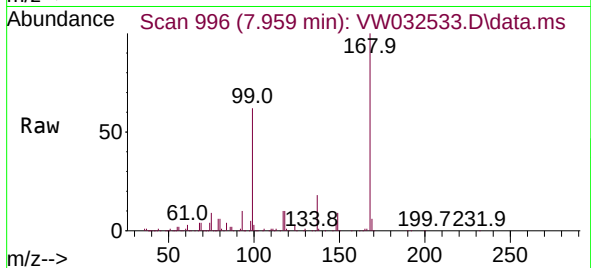
A
B
C
D
E
F
G
H
I
J



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

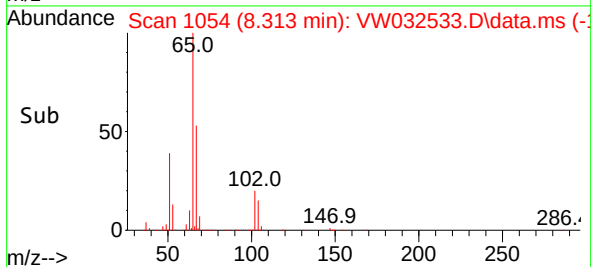
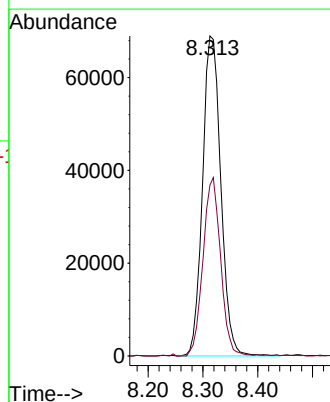
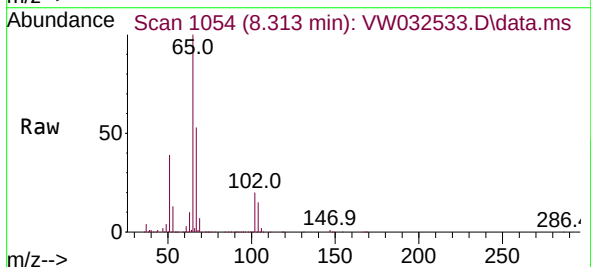
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ClientSampleId :
SB-1125-10A

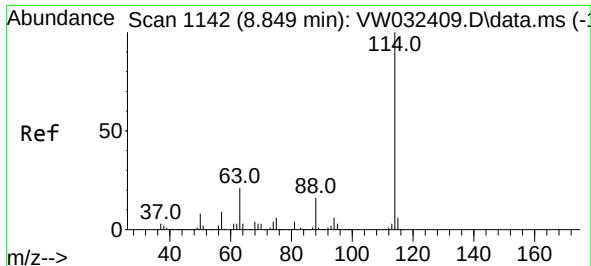
Tgt Ion:168 Resp: 210353
Ion Ratio Lower Upper
168 100
99 61.9 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 59.031 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

Tgt Ion: 65 Resp: 160089
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.8

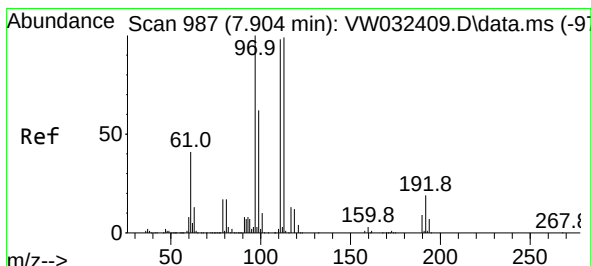
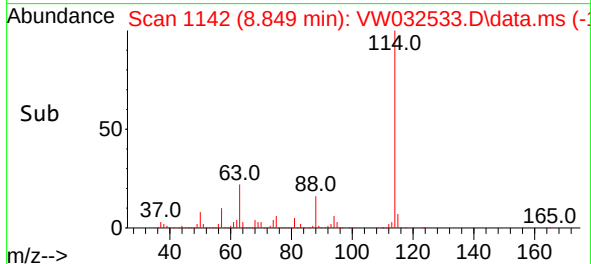
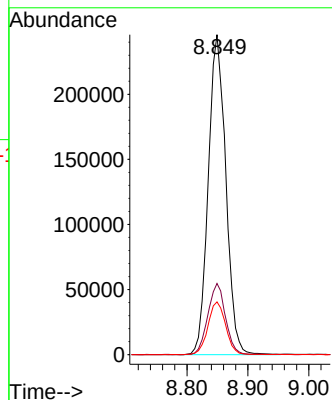
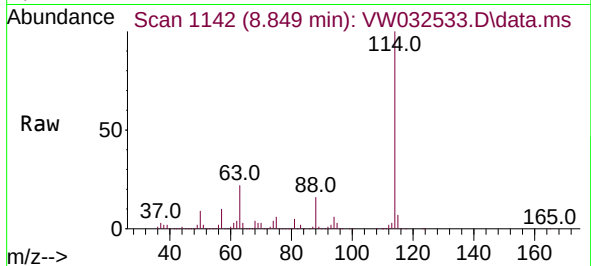




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

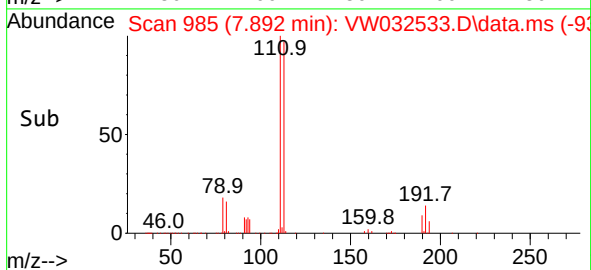
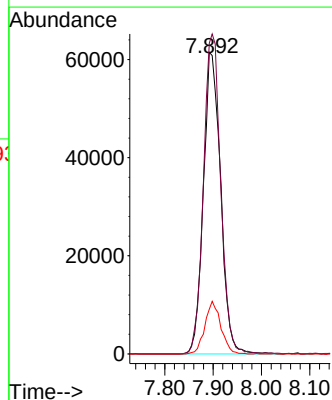
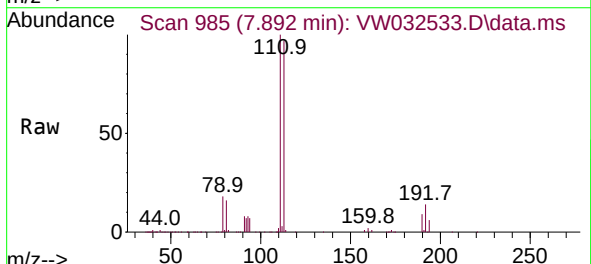
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10A

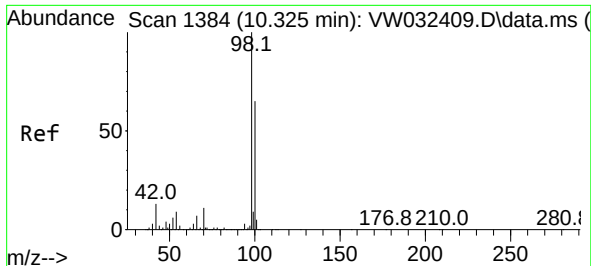
Tgt Ion:114	Resp:	491657
Ion	Ratio	Lower Upper
114	100	
63	22.2	0.0 41.8
88	16.5	0.0 32.6



#35
Dibromofluoromethane
Concen: 51.653 ug/l
RT: 7.892 min Scan# 985
Delta R.T. -0.012 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

Tgt Ion:113	Resp:	152050
Ion	Ratio	Lower Upper
113	100	
111	105.9	83.1 124.7
192	16.1	13.4 20.2

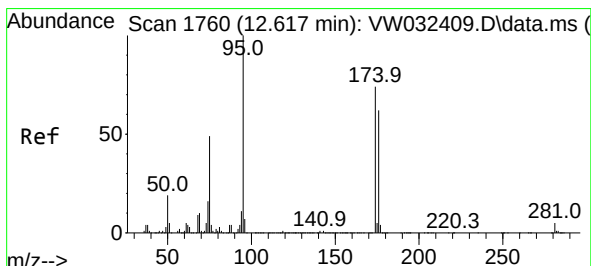
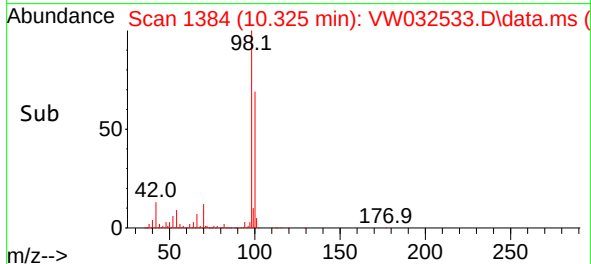
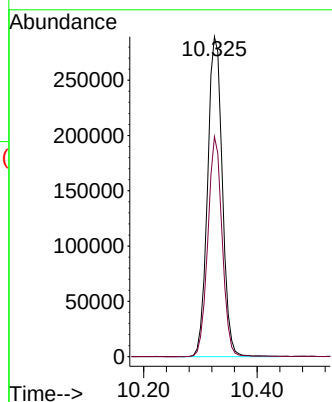
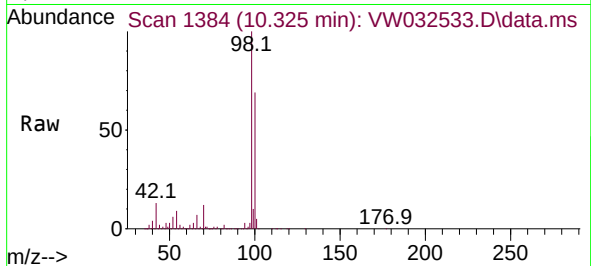




#50
Toluene-d8
Concen: 46.248 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

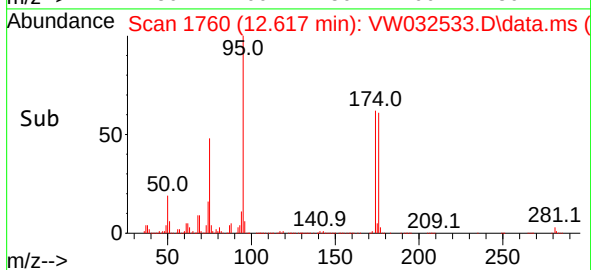
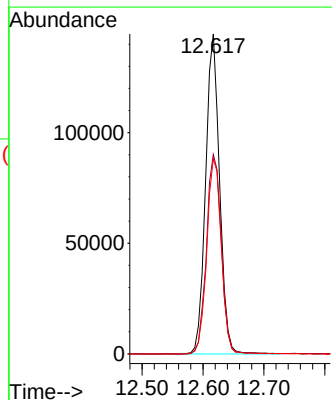
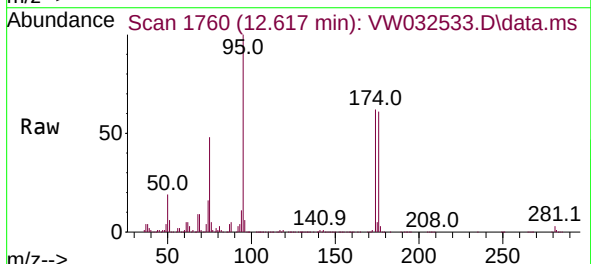
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SB-1125-10A

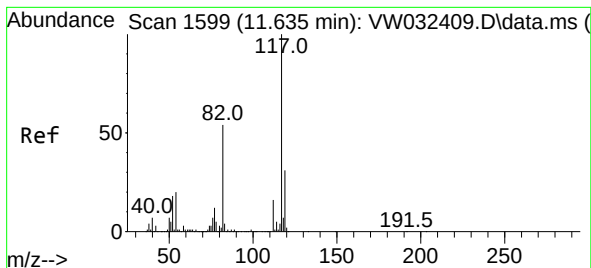
Tgt Ion: 98 Resp: 522272
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.896 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

Tgt Ion: 95 Resp: 229919
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.4
176 63.3 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032533.D

Acq: 25 Nov 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-10A

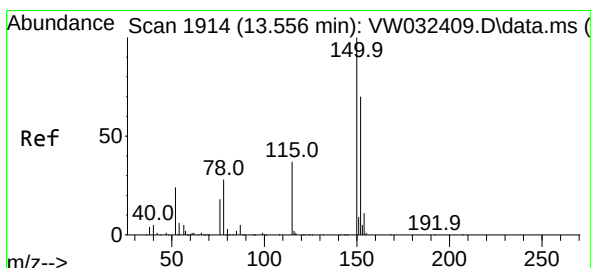
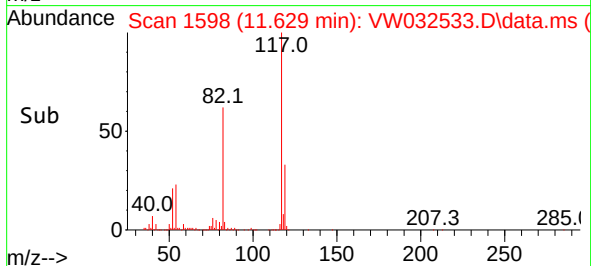
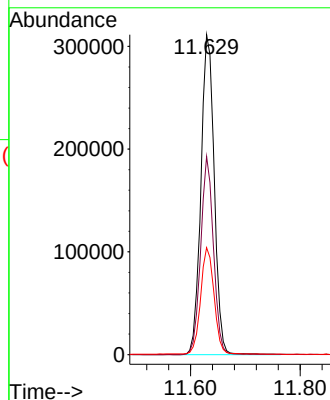
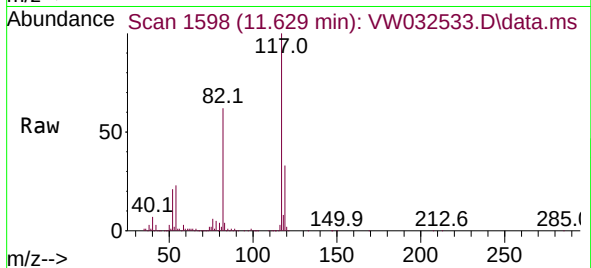
Tgt Ion:117 Resp: 525721

Ion Ratio Lower Upper

117 100

82 61.9 43.0 64.4

119 33.2 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032533.D

Acq: 25 Nov 2025 13:26

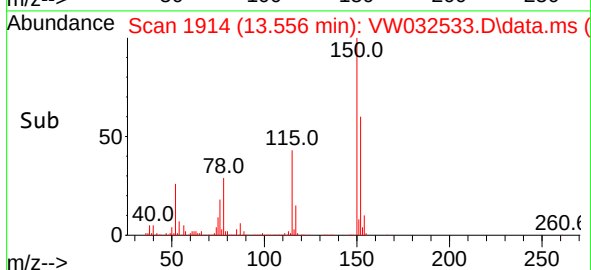
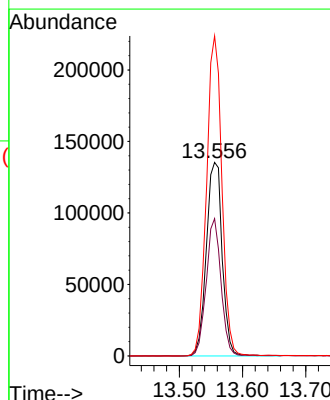
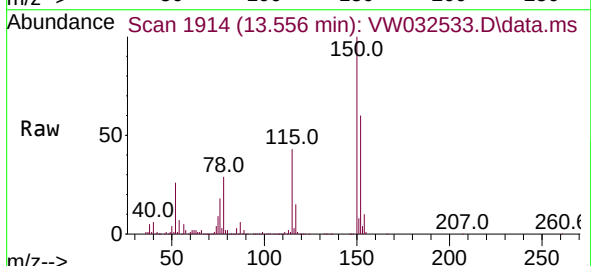
Tgt Ion:152 Resp: 234999

Ion Ratio Lower Upper

152 100

115 66.1 32.8 98.3

150 159.3 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032533.D
 Acq On : 25 Nov 2025 13:26
 Operator : SY/MD
 Sample : Q3719-01
 Misc : 5.47g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-10A

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	494	503	518	rVB3	17142	56601	3.42%	0.607%
2	5.966	659	669	678	rBV3	12254	38768	2.35%	0.416%
3	7.160	853	865	877	rBV	50740	149866	9.07%	1.607%
4	7.898	968	986	991	rBV2	200887	521263	31.53%	5.588%
5	7.959	991	996	1008	rVB	303624	668811	40.46%	7.170%
6	8.258	1035	1045	1049	rBV	59408	151759	9.18%	1.627%
7	8.319	1049	1055	1067	rVB	195324	454490	27.49%	4.872%
8	8.849	1133	1142	1155	rBV	595372	1194960	72.29%	12.811%
9	10.325	1376	1384	1400	rBV	790262	1422234	86.04%	15.247%
10	10.703	1437	1446	1453	rBV	89220	164715	9.96%	1.766%
11	11.062	1498	1505	1512	rBV	81729	138125	8.36%	1.481%
12	11.434	1557	1566	1573	rVB2	22495	45495	2.75%	0.488%
13	11.629	1591	1598	1607	rBV	991773	1653068	100.00%	17.722%
14	12.617	1752	1760	1772	rBV	648047	1111029	67.21%	11.911%
15	12.928	1805	1811	1818	rVB2	22671	39225	2.37%	0.421%
16	13.556	1907	1914	1923	rBV	912521	1517251	91.78%	16.266%

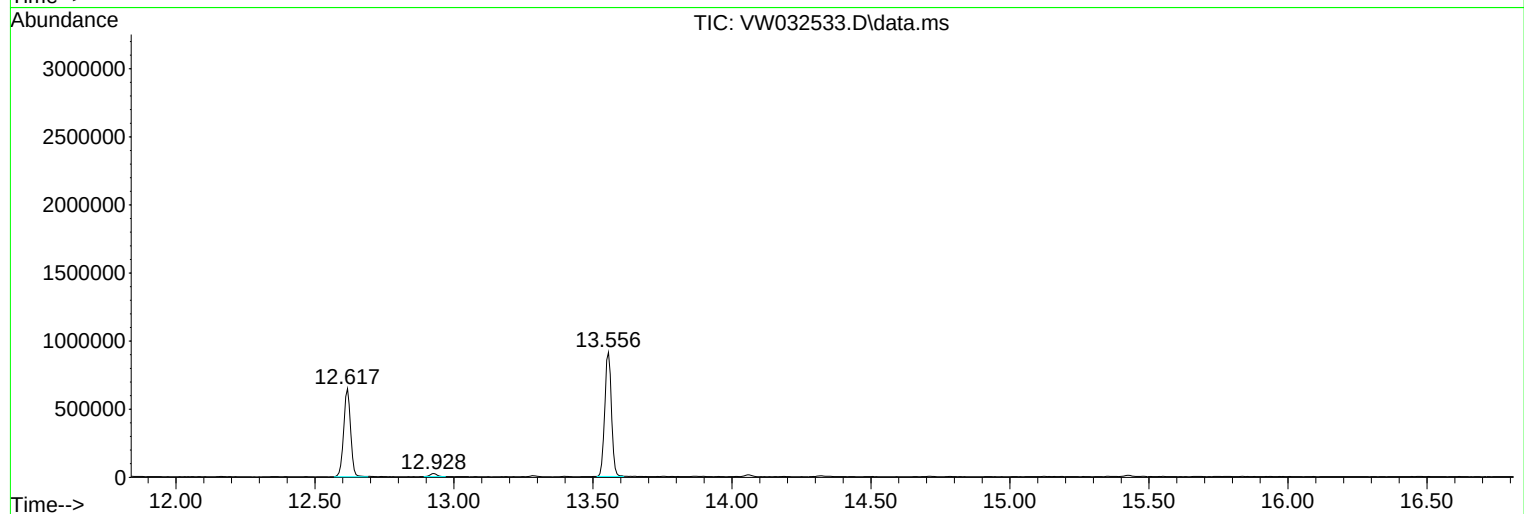
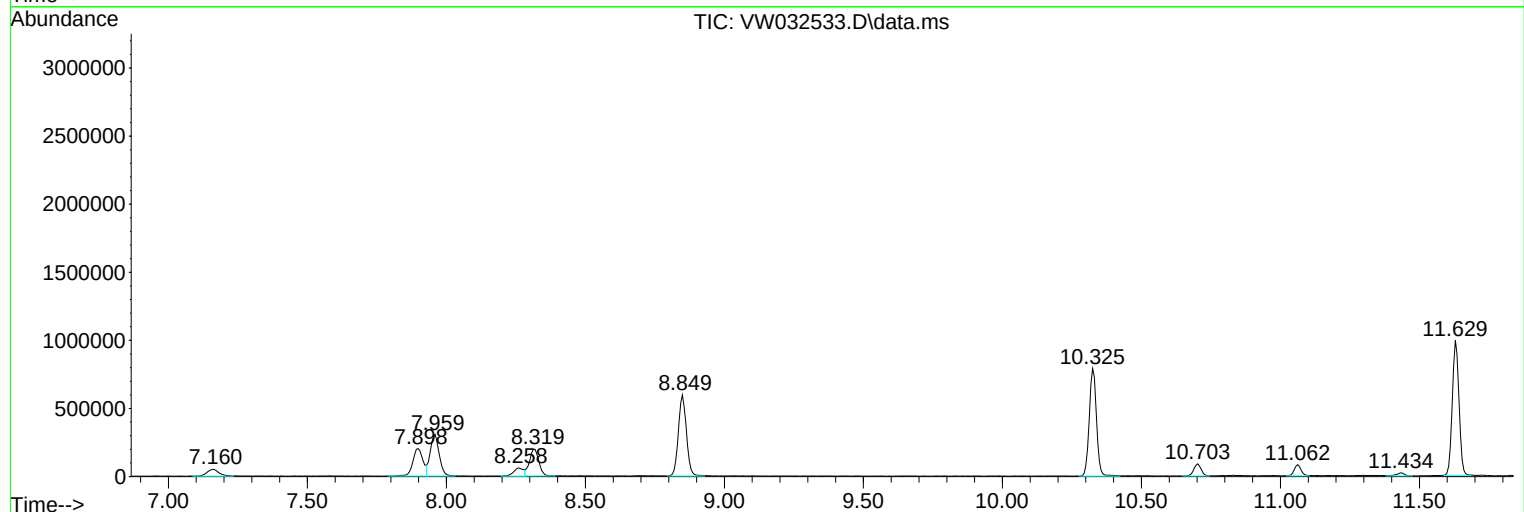
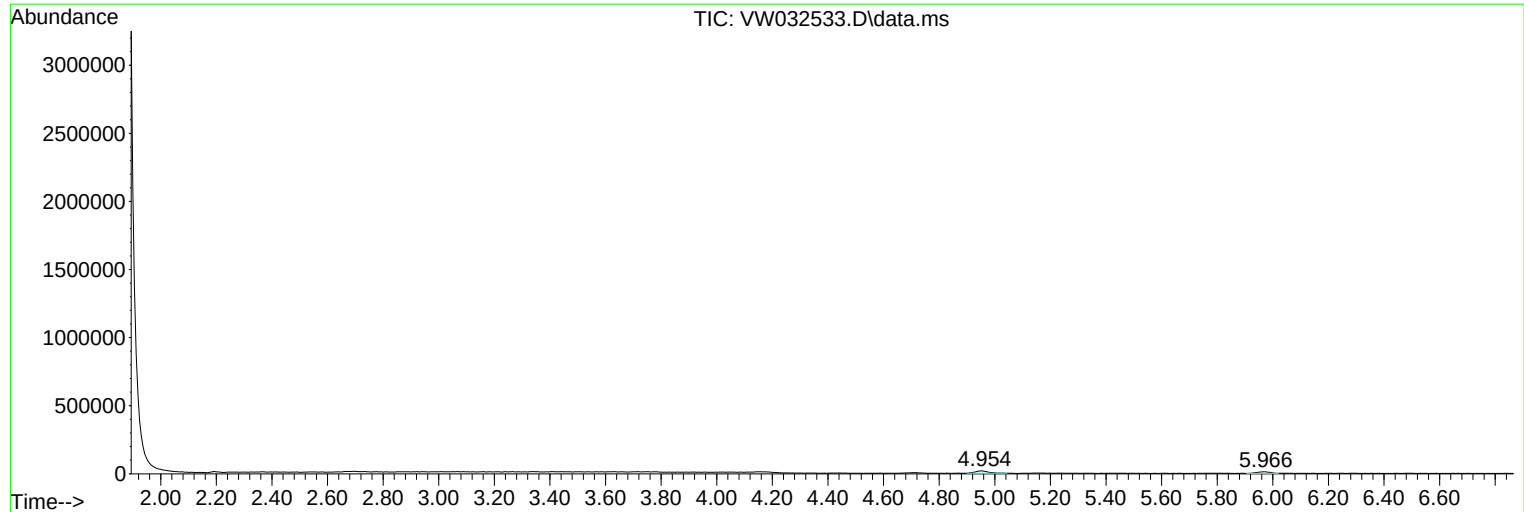
Sum of corrected areas: 9327660

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032533.D
Acq On : 25 Nov 2025 13:26
Operator : SY/MD
Sample : Q3719-01
Misc : 5.47g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032533.D
Acq On : 25 Nov 2025 13:26
Operator : SY/MD
Sample : Q3719-01
Misc : 5.47g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032533.D
Acq On : 25 Nov 2025 13:26
Operator : SY/MD
Sample : Q3719-01
Misc : 5.47g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032534.D
 Acq On : 25 Nov 2025 13:48
 Operator : SY/MD
 Sample : Q3719-02
 Misc : 5.28g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-10B

Quant Time: Nov 26 01:40:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	227021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	528970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	565806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	258185	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	162152	55.402	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	110.800%
35) Dibromofluoromethane	7.898	113	156487	49.411	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.820%
50) Toluene-d8	10.325	98	539022	44.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	88.720%
62) 4-Bromofluorobenzene	12.617	95	235894	51.396	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.800%

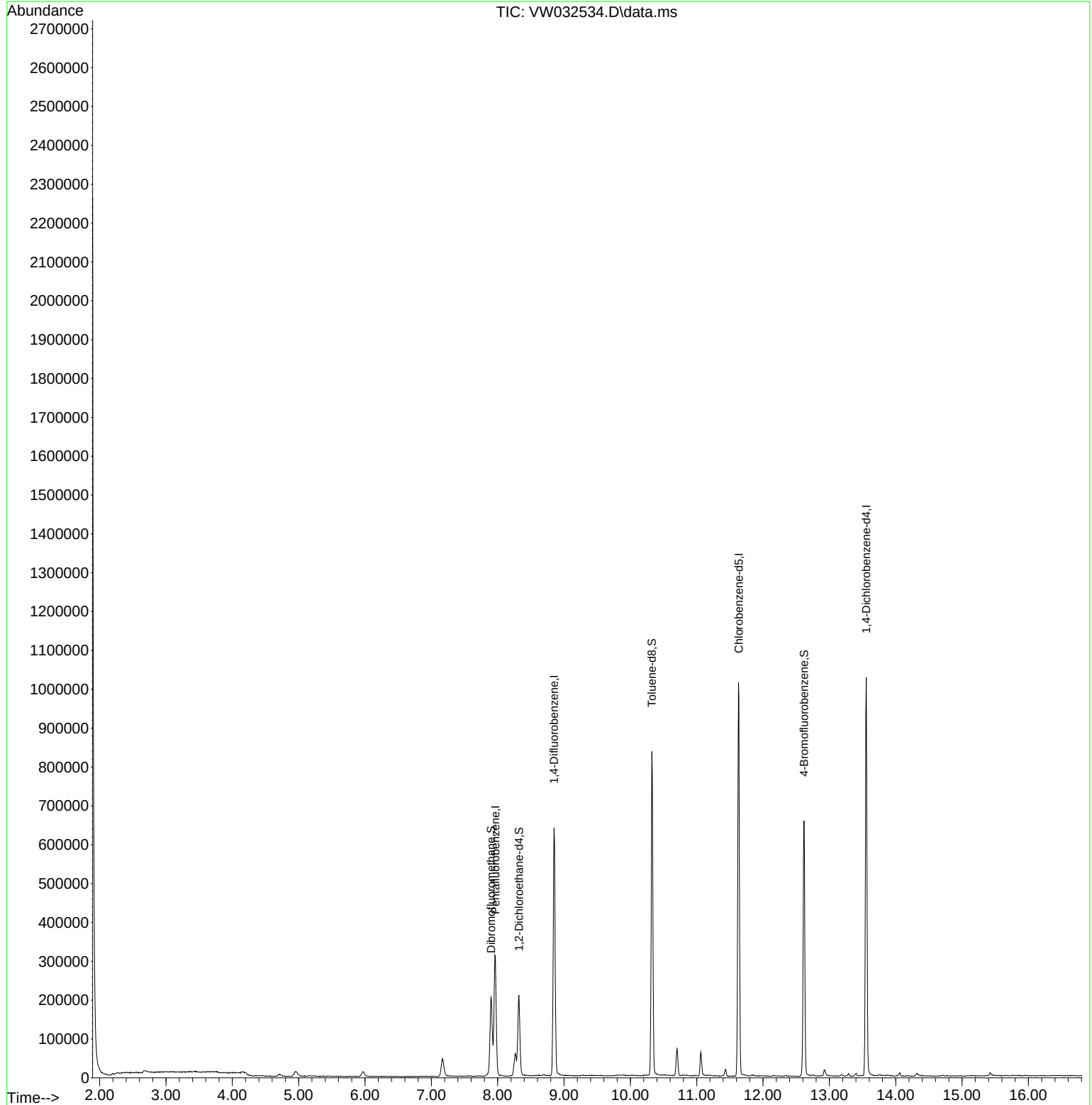
Target Compounds Qvalue

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

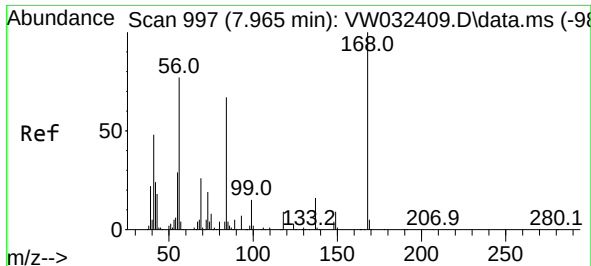
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032534.D
Acq On : 25 Nov 2025 13:48
Operator : SY/MD
Sample : Q3719-02
Misc : 5.28g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

Quant Time: Nov 26 01:40:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration



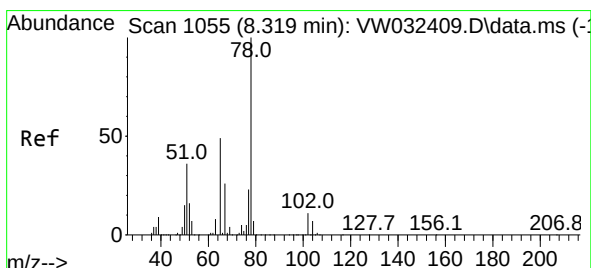
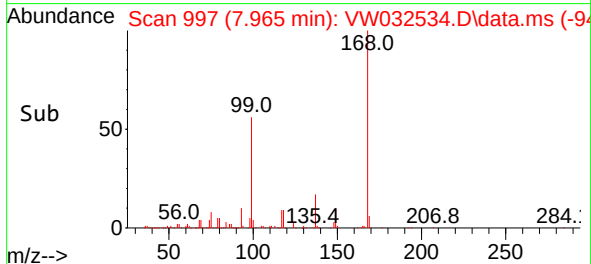
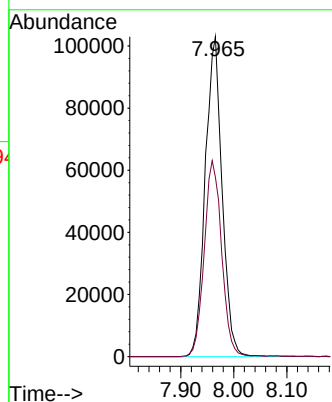
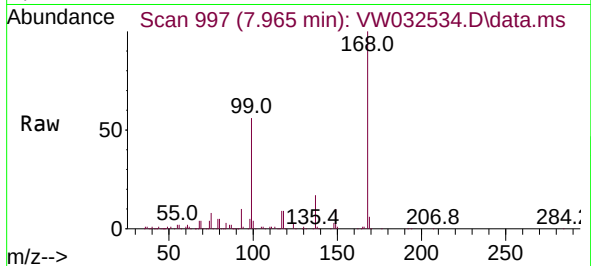
A
B
C
D
E
F
G
H
I
J



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032534.D
Acq: 25 Nov 2025 13:48

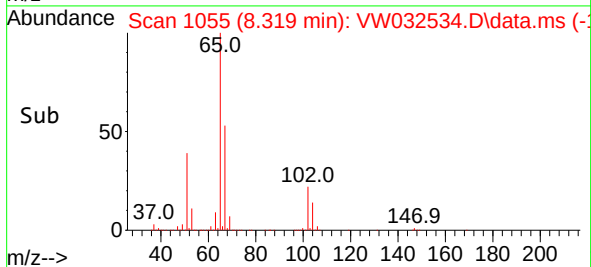
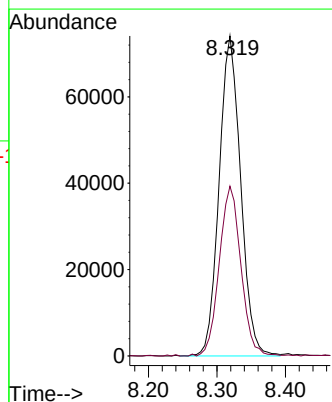
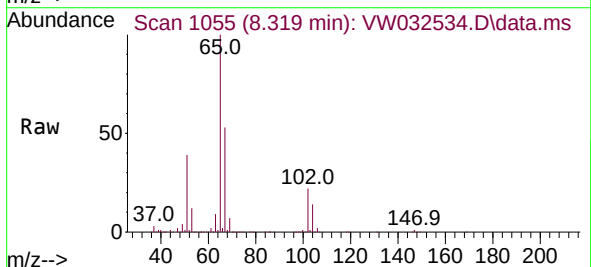
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

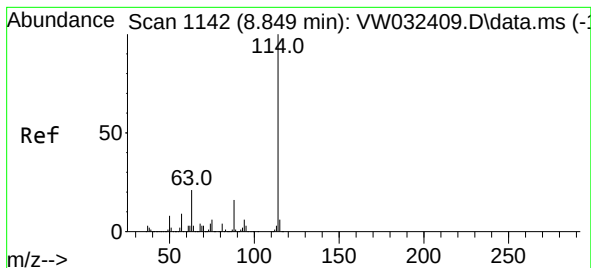
Tgt Ion:168 Resp: 227021
Ion Ratio Lower Upper
168 100
99 56.1 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 55.402 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032534.D
Acq: 25 Nov 2025 13:48

Tgt Ion: 65 Resp: 162152
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-10B

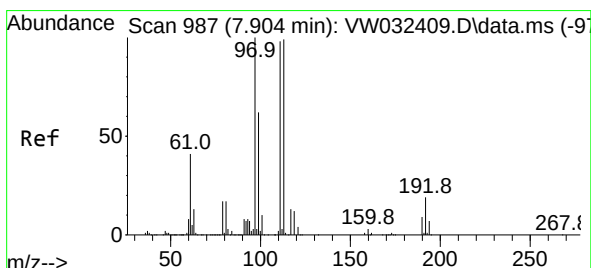
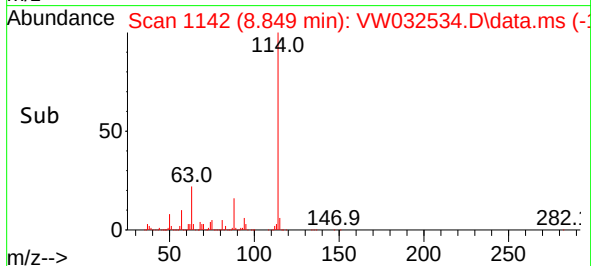
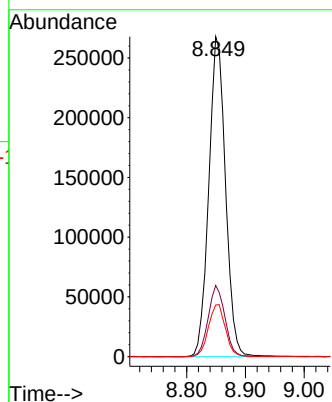
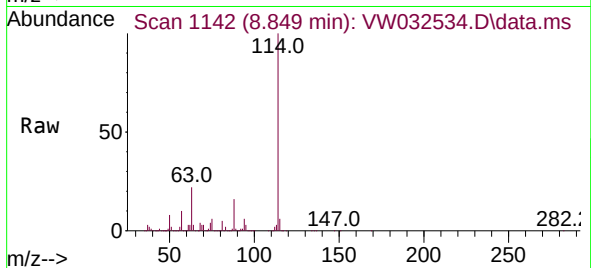
Tgt Ion:114 Resp: 528970

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.411 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

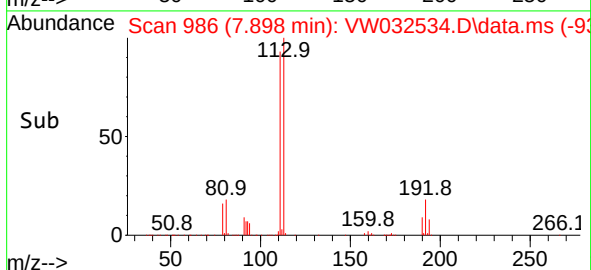
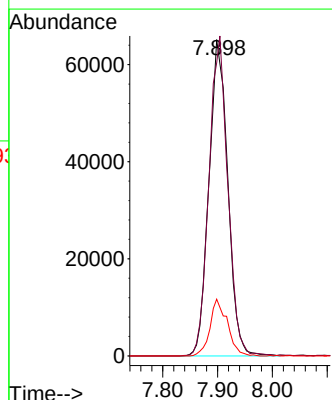
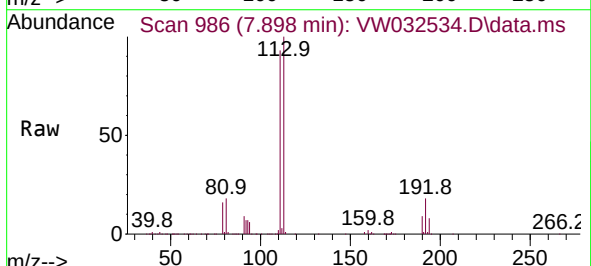
Tgt Ion:113 Resp: 156487

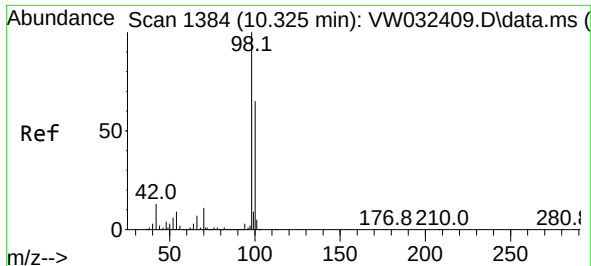
Ion Ratio Lower Upper

113 100

111 100.6 83.1 124.7

192 16.5 13.4 20.2

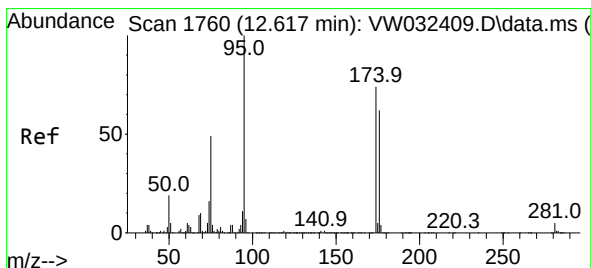
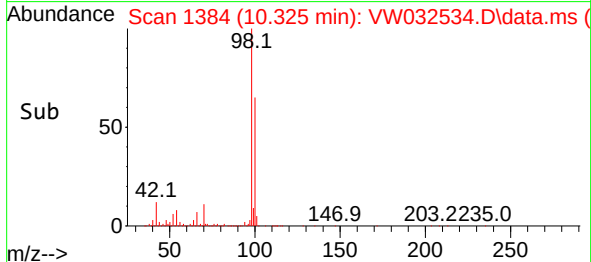
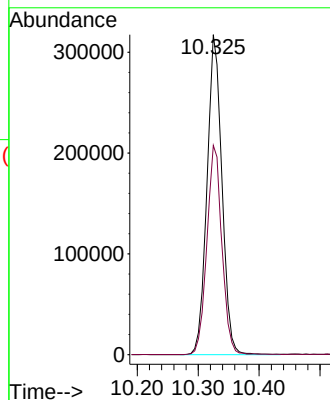
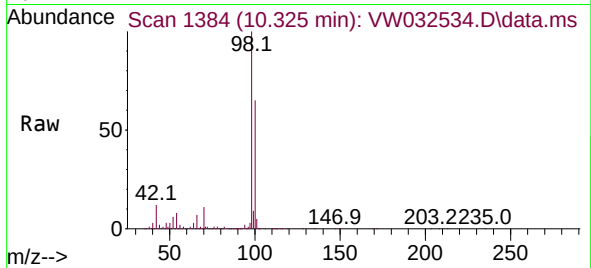




#50
Toluene-d8
Concen: 44.364 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032534.D
Acq: 25 Nov 2025 13:48

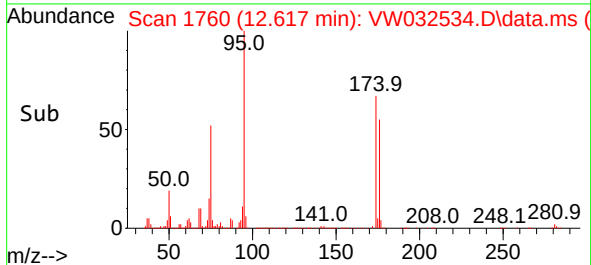
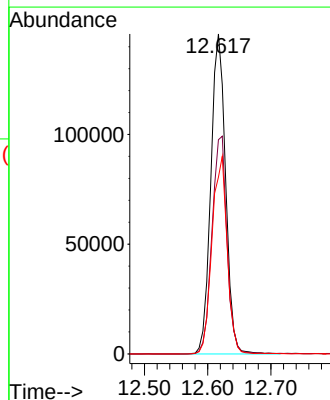
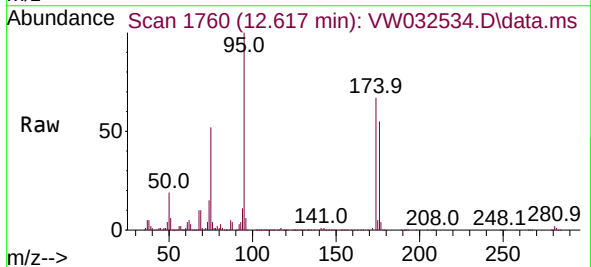
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

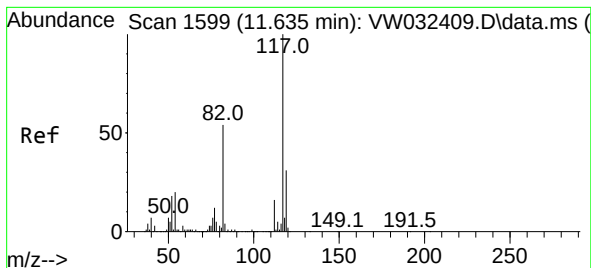
Tgt Ion: 98 Resp: 539022
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.396 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032534.D
Acq: 25 Nov 2025 13:48

Tgt Ion: 95 Resp: 235894
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.4
176 63.2 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-10B

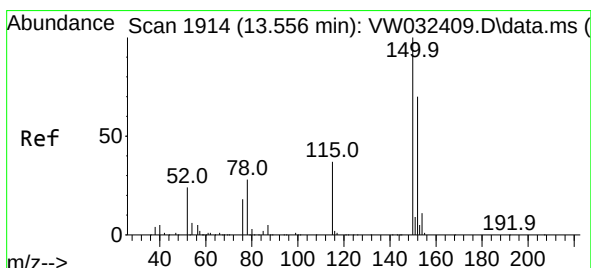
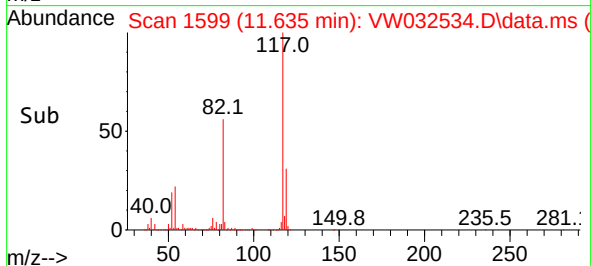
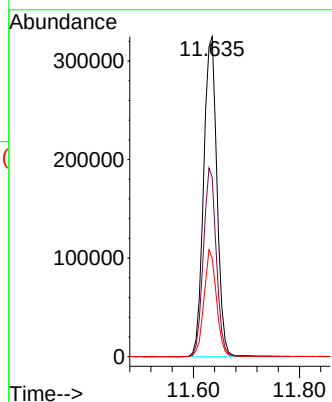
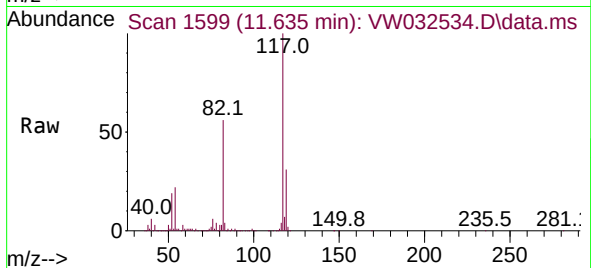
Tgt Ion:117 Resp: 565806

Ion Ratio Lower Upper

117 100

82 56.0 43.0 64.4

119 30.7 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

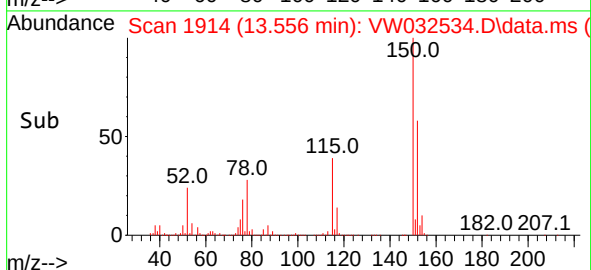
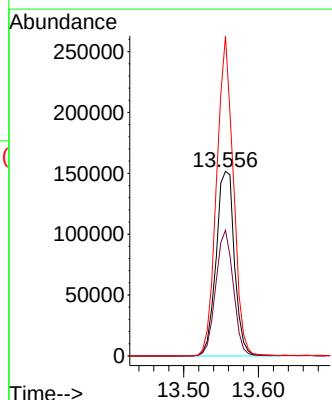
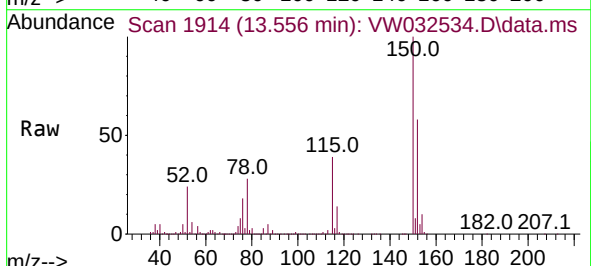
Tgt Ion:152 Resp: 258185

Ion Ratio Lower Upper

152 100

115 65.4 32.8 98.3

150 158.1 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032534.D
Acq On : 25 Nov 2025 13:48
Operator : SY/MD
Sample : Q3719-02
Misc : 5.28g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	493	503	516	rBV2	13124	51017	2.91%	0.528%
2	5.972	660	670	679	rBV4	12467	38510	2.19%	0.399%
3	7.167	856	866	880	rBV	45815	136880	7.80%	1.417%
4	7.898	970	986	991	rBV	203494	510570	29.08%	5.286%
5	7.959	991	996	1008	rVB	309596	715821	40.77%	7.410%
6	8.264	1038	1046	1049	rBV	56937	131308	7.48%	1.359%
7	8.319	1049	1055	1067	rVB	206210	463446	26.39%	4.798%
8	8.849	1132	1142	1158	rBV	638420	1290920	73.52%	13.364%
9	10.325	1374	1384	1393	rBV	833669	1440843	82.06%	14.916%
10	10.703	1437	1446	1454	rBV	69642	134385	7.65%	1.391%
11	11.062	1498	1505	1514	rBV	62177	112774	6.42%	1.167%
12	11.434	1560	1566	1571	rVB2	17809	31547	1.80%	0.327%
13	11.629	1590	1598	1607	rBV	1014189	1755814	100.00%	18.177%
14	12.617	1748	1760	1775	rBV2	658441	1147443	65.35%	11.879%
15	12.922	1806	1810	1819	rBV2	15465	30990	1.76%	0.321%
16	13.556	1907	1914	1926	rBV	1024916	1667384	94.96%	17.261%

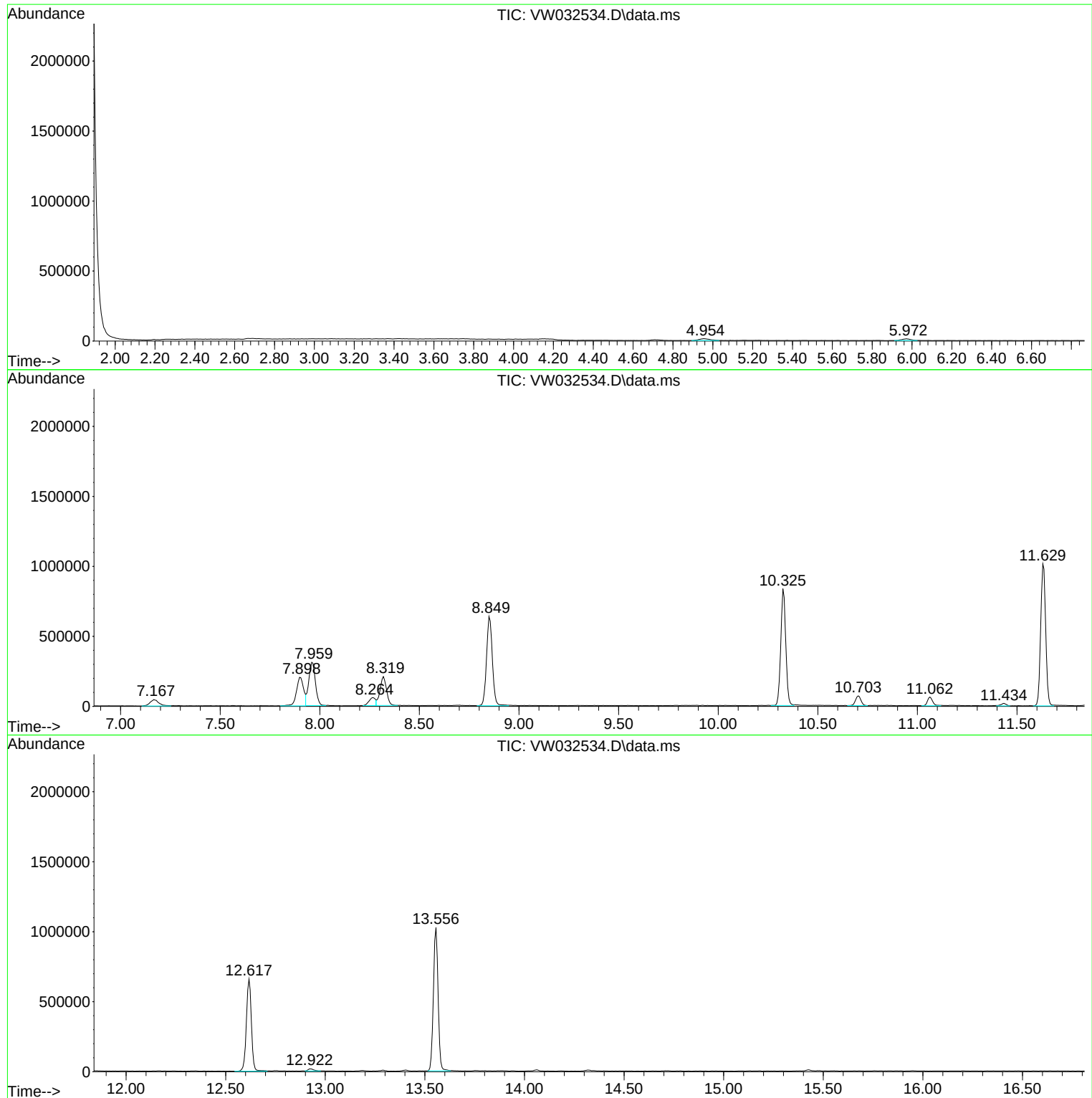
Sum of corrected areas: 9659652

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032534.D
Acq On : 25 Nov 2025 13:48
Operator : SY/MD
Sample : Q3719-02
Misc : 5.28g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032534.D
Acq On : 25 Nov 2025 13:48
Operator : SY/MD
Sample : Q3719-02
Misc : 5.28g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032534.D
Acq On : 25 Nov 2025 13:48
Operator : SY/MD
Sample : Q3719-02
Misc : 5.28g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032540.D
 Acq On : 26 Nov 2025 13:49
 Operator : SY/MD
 Sample : Q3719-03
 Misc : 4.45g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-11A

Quant Time: Nov 27 00:28:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	193034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	464802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	514695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	246255	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	172035	69.127	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 138.260%	
35) Dibromofluoromethane	7.904	113	149891	53.862	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.720%	
50) Toluene-d8	10.325	98	515766	48.311	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.617	95	227266	56.352	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 112.700%	

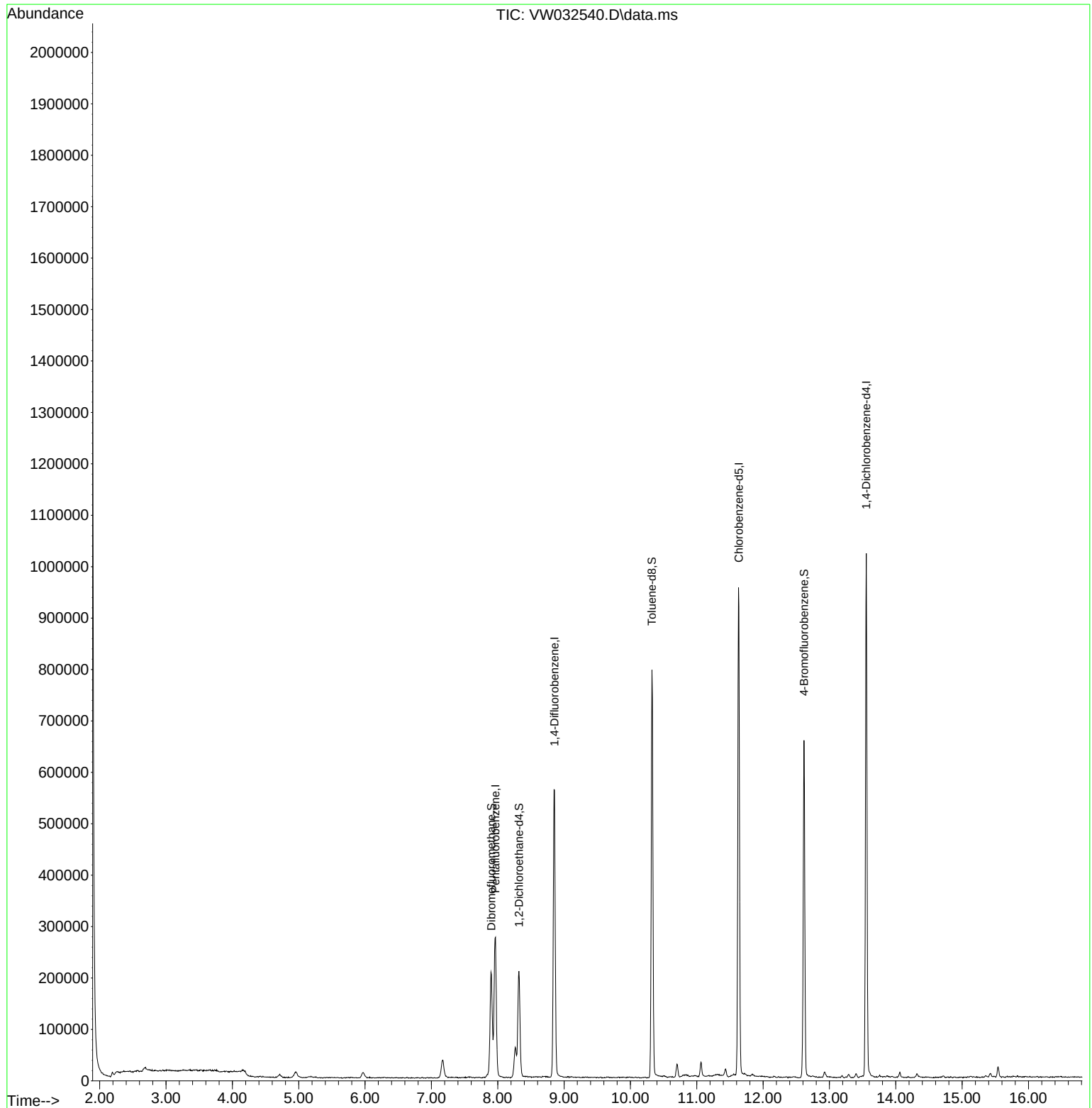
Target Compounds Qvalue

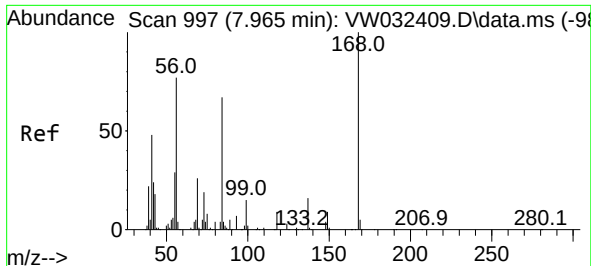
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032540.D
Acq On : 26 Nov 2025 13:49
Operator : SY/MD
Sample : Q3719-03
Misc : 4.45g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

Quant Time: Nov 27 00:28:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

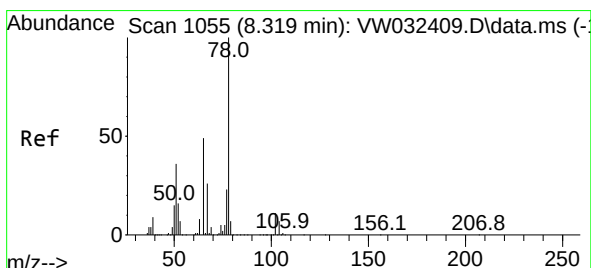
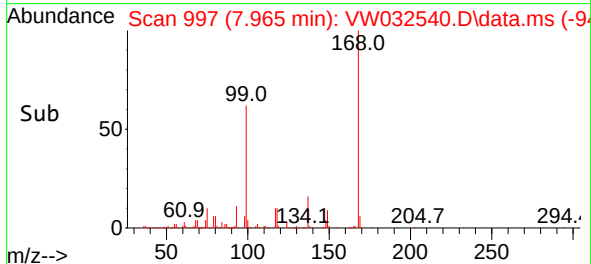
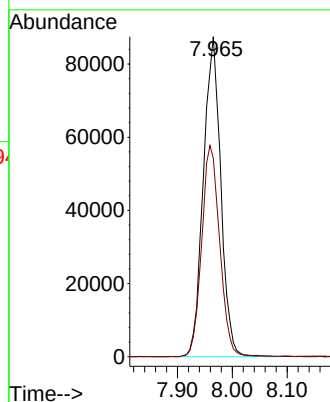
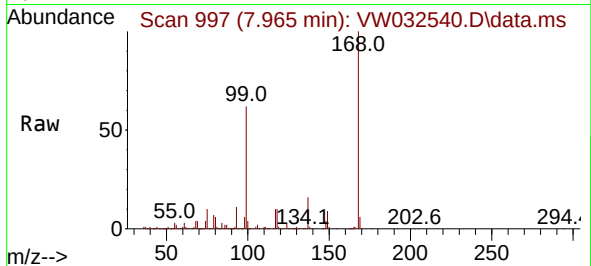




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

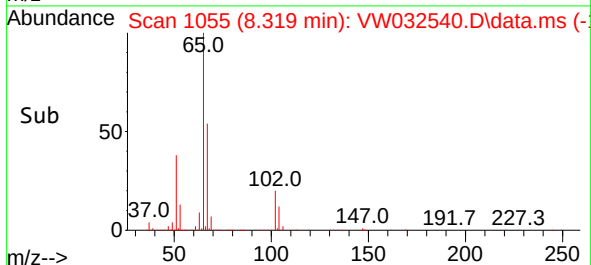
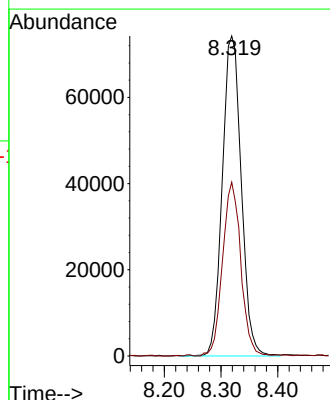
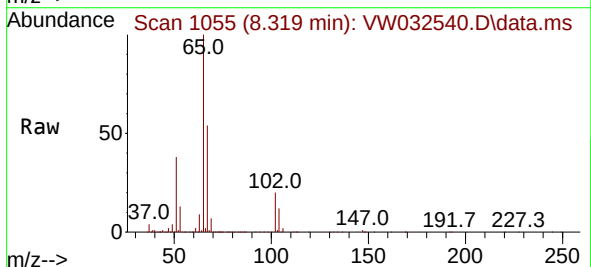
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

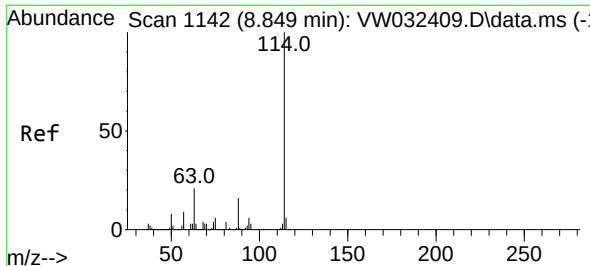
Tgt Ion:168 Resp: 193034
Ion Ratio Lower Upper
168 100
99 61.8 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 69.127 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

Tgt Ion: 65 Resp: 172035
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8

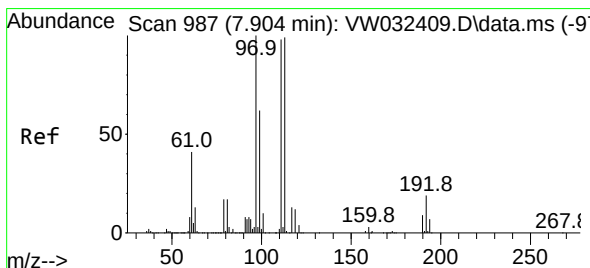
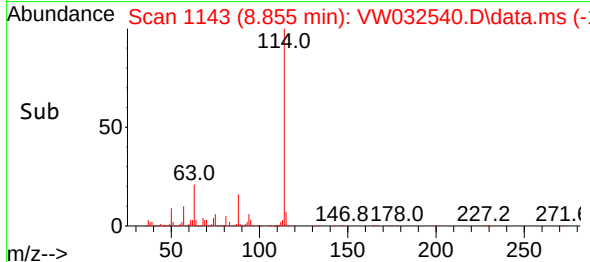
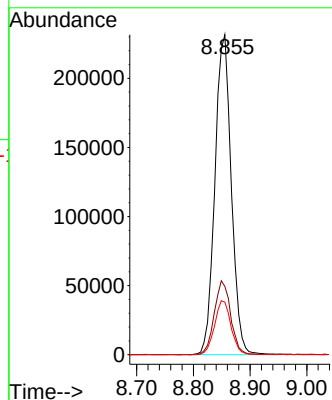
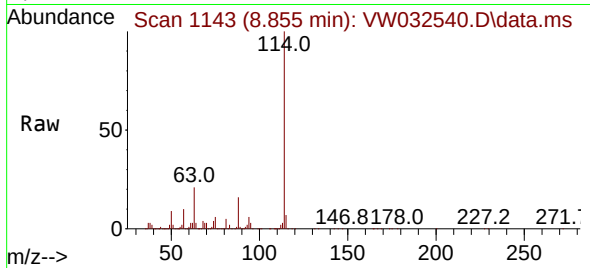




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

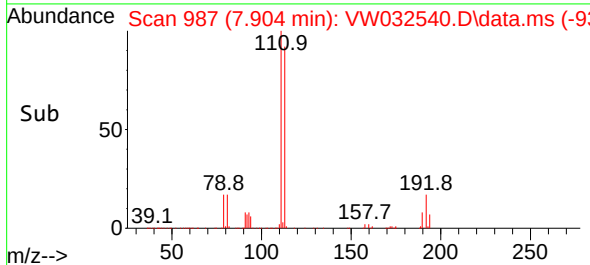
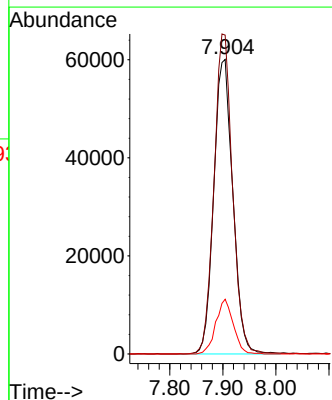
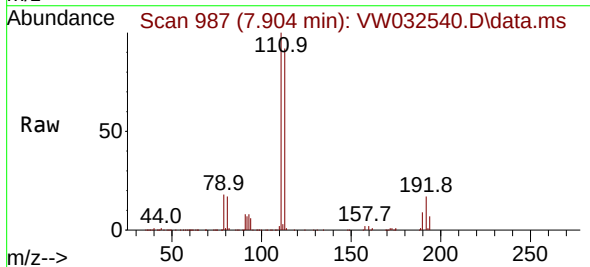
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

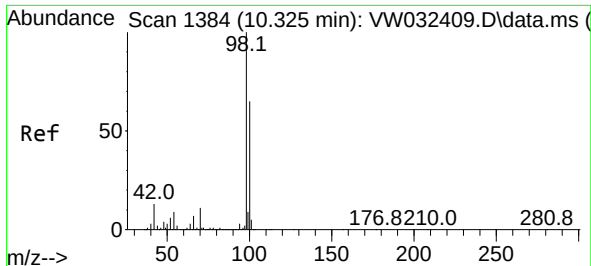
Tgt Ion:114 Resp: 464802
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.8
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.862 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

Tgt Ion:113 Resp: 149891
Ion Ratio Lower Upper
113 100
111 105.5 83.1 124.7
192 17.1 13.4 20.2

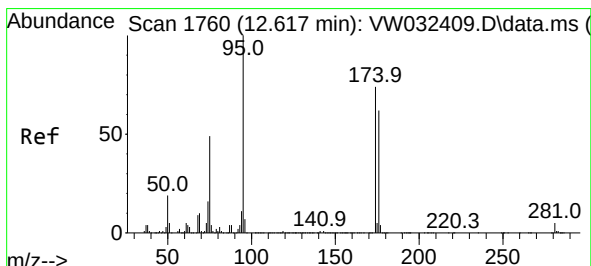
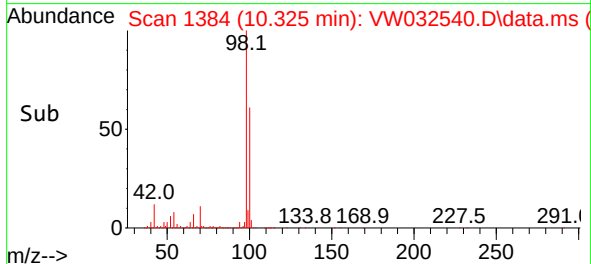
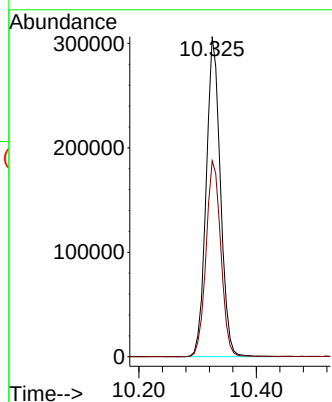
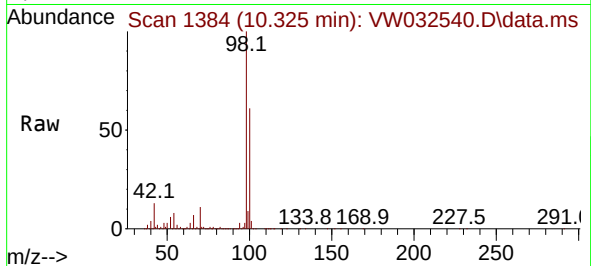




#50
Toluene-d8
Concen: 48.311 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

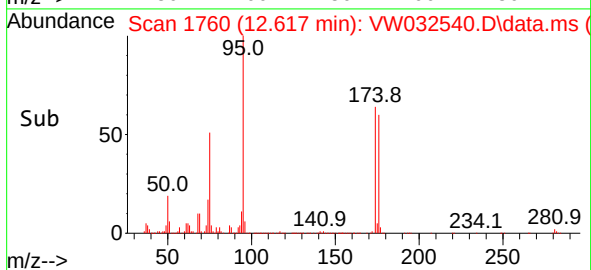
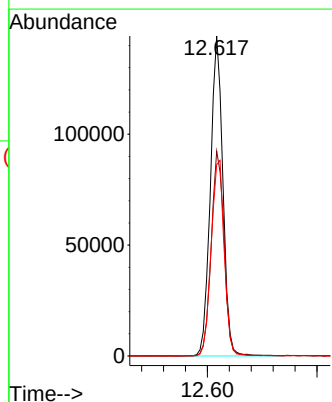
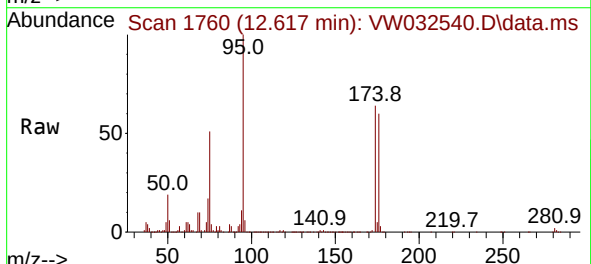
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

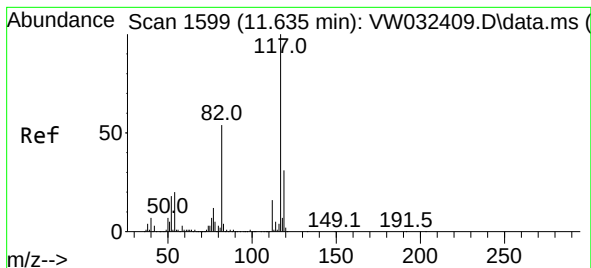
Tgt Ion: 98 Resp: 515766
Ion Ratio Lower Upper
98 100
100 63.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 56.352 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

Tgt Ion: 95 Resp: 227266
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.4
176 64.1 0.0 131.8

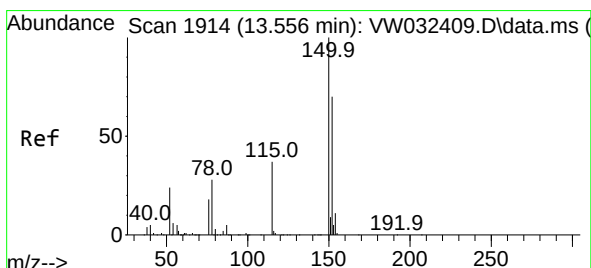
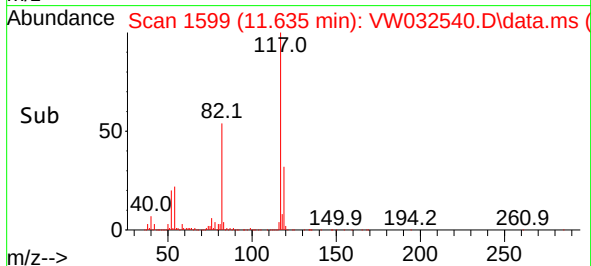
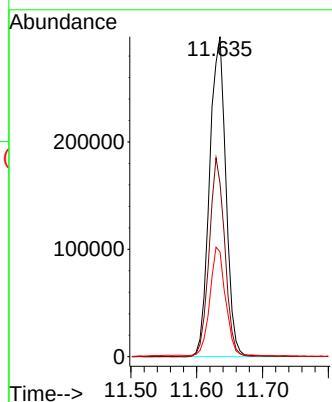
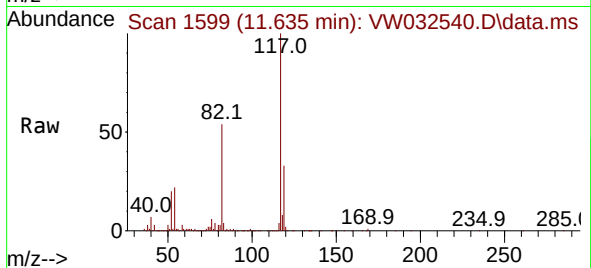




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

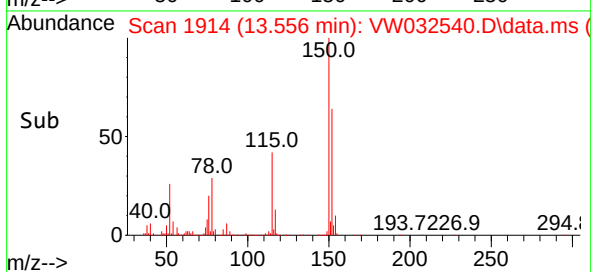
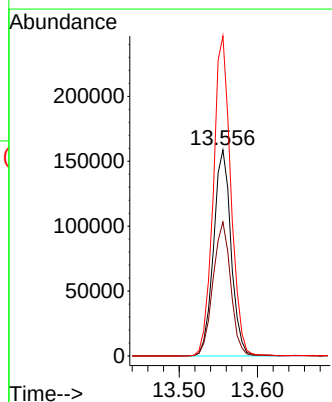
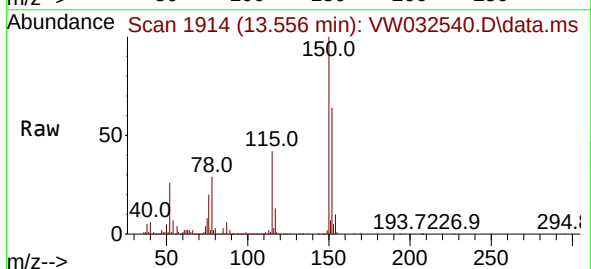
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

Tgt Ion:117 Resp: 514695
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032540.D
Acq: 26 Nov 2025 13:49

Tgt Ion:152 Resp: 246255
Ion Ratio Lower Upper
152 100
115 65.9 32.8 98.3
150 155.6 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032540.D
Acq On : 26 Nov 2025 13:49
Operator : SY/MD
Sample : Q3719-03
Misc : 4.45g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032540.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.192	45	50	54	rBV2	9291	18028	1.10%	0.198%
2	2.692	124	132	134	rBV9	7391	18014	1.10%	0.198%
3	4.716	456	464	473	rVB2	6551	19105	1.16%	0.210%
4	4.954	494	503	519	rVB3	11593	42897	2.61%	0.471%
5	5.972	659	670	680	rVB6	10614	34652	2.11%	0.380%
6	7.173	857	867	874	rBV	33681	94751	5.77%	1.040%
7	7.898	971	986	991	rBV	205266	509422	31.00%	5.592%
8	7.965	991	997	1008	rVB2	270738	641162	39.01%	7.039%
9	8.264	1036	1046	1049	rBV2	58444	134496	8.18%	1.476%
10	8.319	1049	1055	1065	rVB	205133	478621	29.12%	5.254%
11	8.849	1132	1142	1158	rBV	559197	1159509	70.55%	12.729%
12	10.325	1376	1384	1394	rBV	792957	1389886	84.57%	15.258%
13	10.703	1438	1446	1452	rBV2	25431	49279	3.00%	0.541%
14	11.062	1500	1505	1515	rBV2	28617	55374	3.37%	0.608%
15	11.434	1559	1566	1573	rVB4	15829	35092	2.14%	0.385%
16	11.629	1591	1598	1608	rBV	947701	1643420	100.00%	18.041%
17	12.617	1750	1760	1772	rBV2	656301	1101106	67.00%	12.088%
18	12.928	1806	1811	1817	rBV6	10262	21925	1.33%	0.241%
19	13.556	1906	1914	1928	rBV	1017207	1604876	97.65%	17.618%
20	14.062	1991	1997	2002	rBV2	10053	16834	1.02%	0.185%
21	15.543	2234	2240	2248	rVB2	20731	40893	2.49%	0.449%

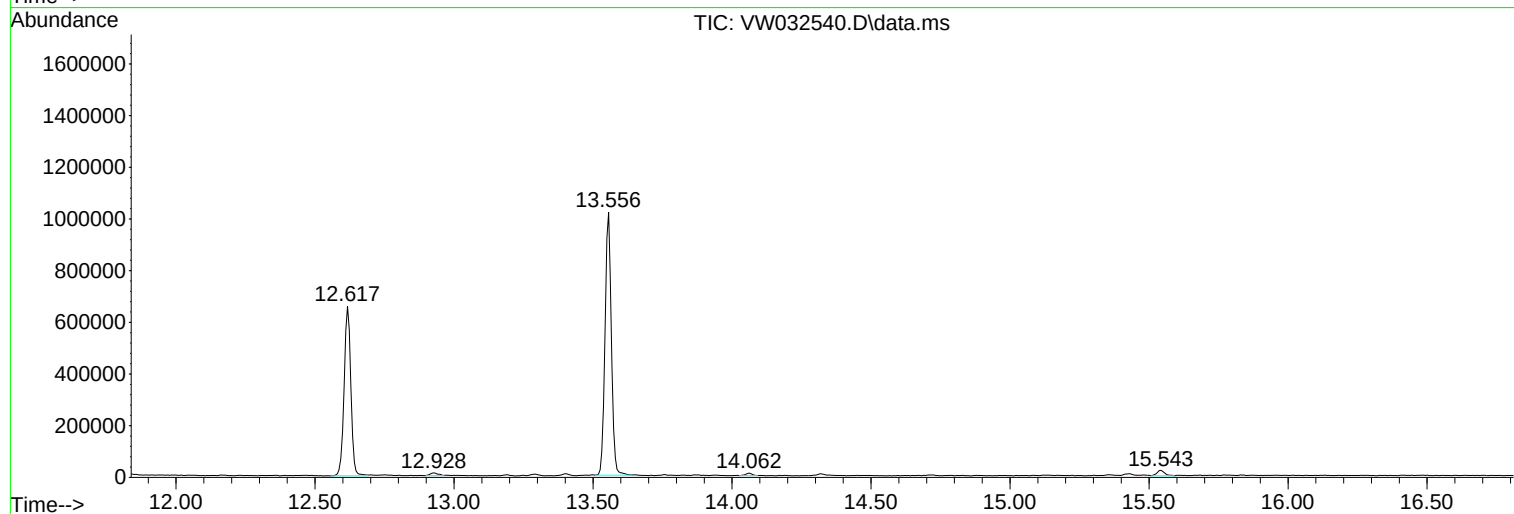
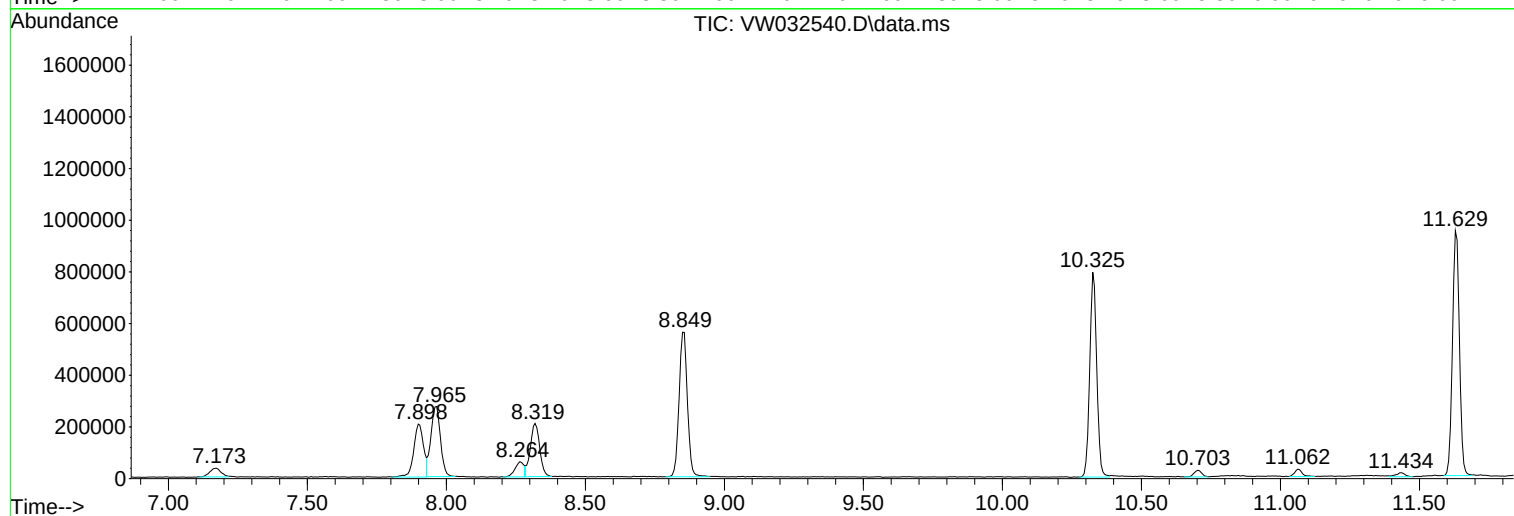
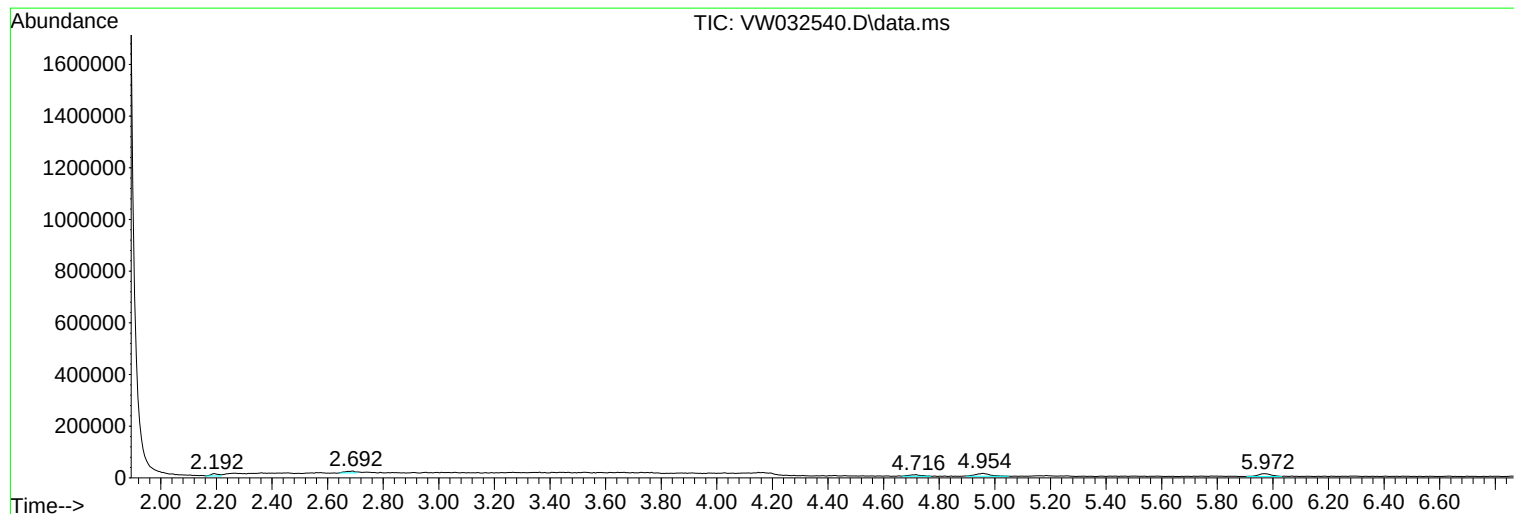
Sum of corrected areas: 9109342

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032540.D
Acq On : 26 Nov 2025 13:49
Operator : SY/MD
Sample : Q3719-03
Misc : 4.45g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032540.D
Acq On : 26 Nov 2025 13:49
Operator : SY/MD
Sample : Q3719-03
Misc : 4.45g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032540.D
Acq On : 26 Nov 2025 13:49
Operator : SY/MD
Sample : Q3719-03
Misc : 4.45g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032543.D
 Acq On : 26 Nov 2025 14:58
 Operator : SY/MD
 Sample : Q3719-04
 Misc : 4.14g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-11B

Quant Time: Nov 27 00:28:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	183438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	469951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	532584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	255138	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	169854	71.821	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 143.640%	
35) Dibromofluoromethane	7.904	113	150929	53.641	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.280%	
50) Toluene-d8	10.331	98	509971	47.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	12.617	95	224746	55.116	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 110.240%	

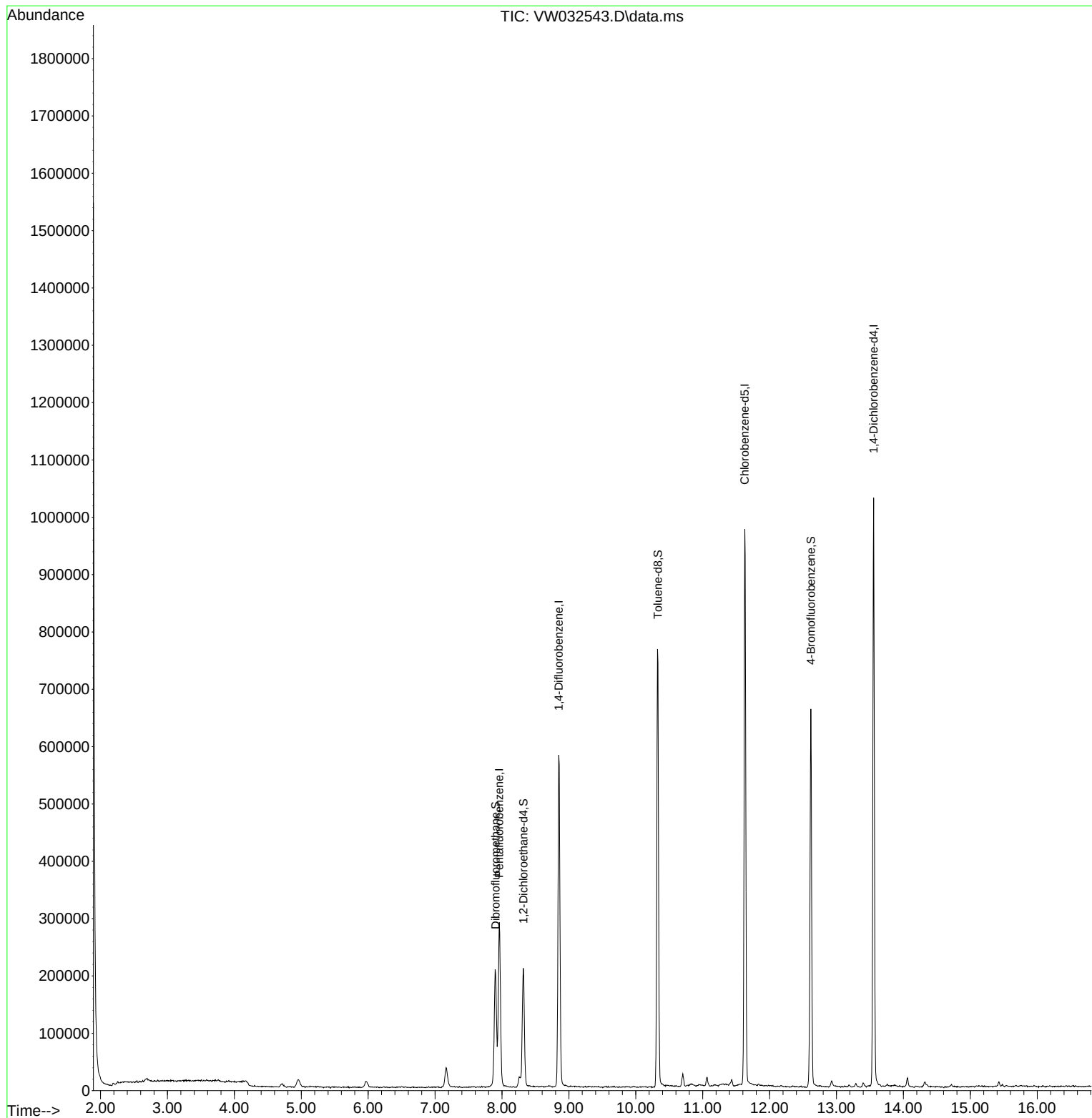
Target Compounds Qvalue

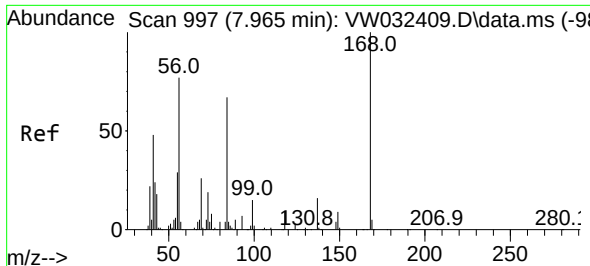
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032543.D
Acq On : 26 Nov 2025 14:58
Operator : SY/MD
Sample : Q3719-04
Misc : 4.14g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

Quant Time: Nov 27 00:28:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

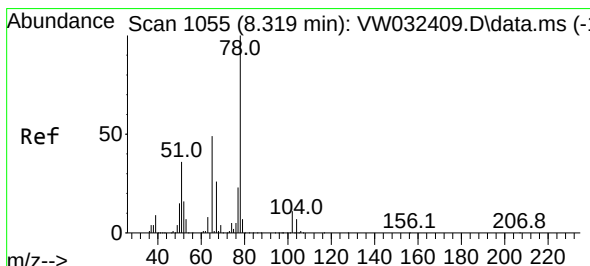
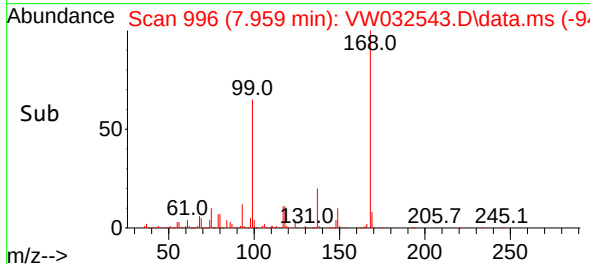
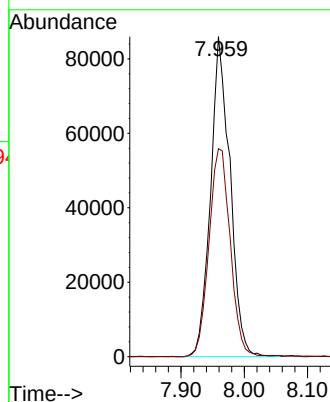
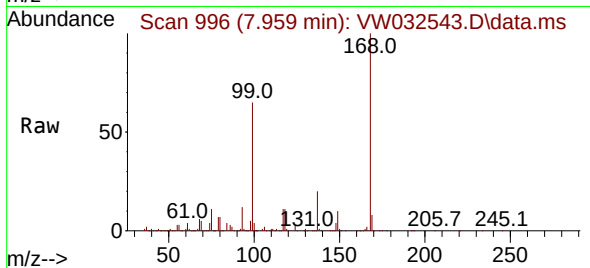




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

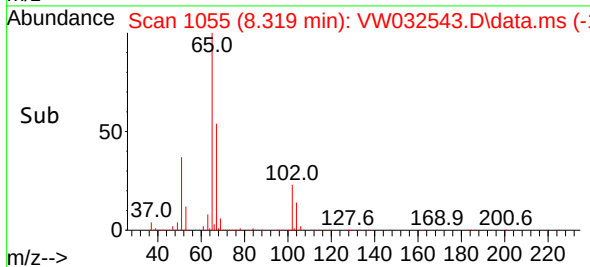
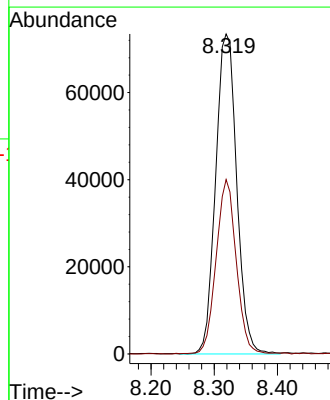
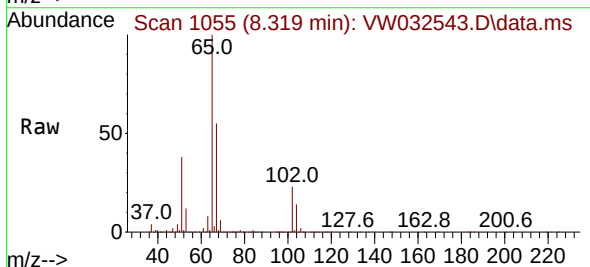
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

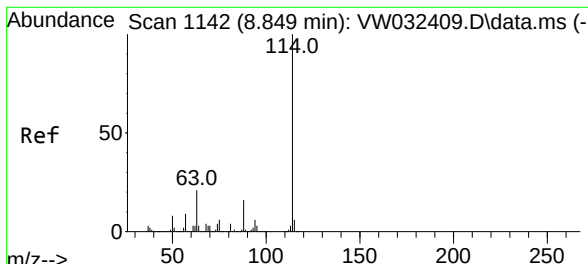
Tgt Ion:168 Resp: 183438
Ion Ratio Lower Upper
168 100
99 64.9 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 71.821 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

Tgt Ion: 65 Resp: 169854
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.8

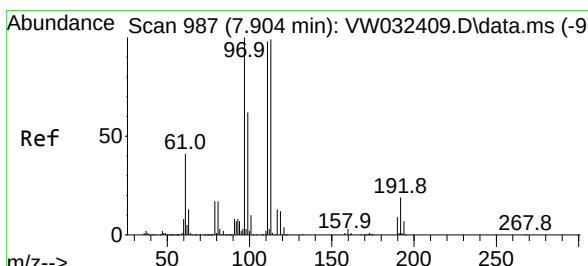
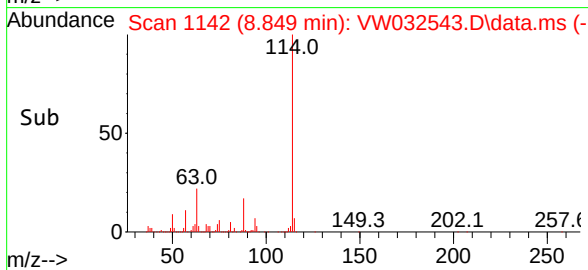
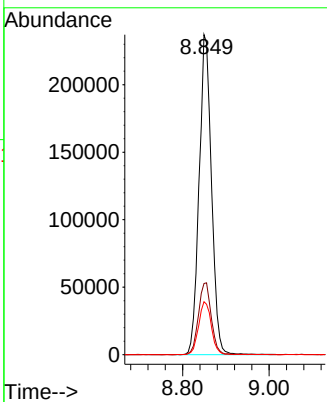
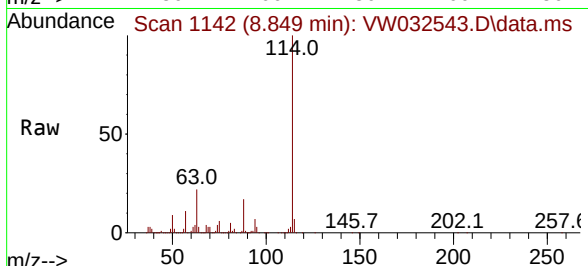




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032543.D
 Acq: 26 Nov 2025 14:58

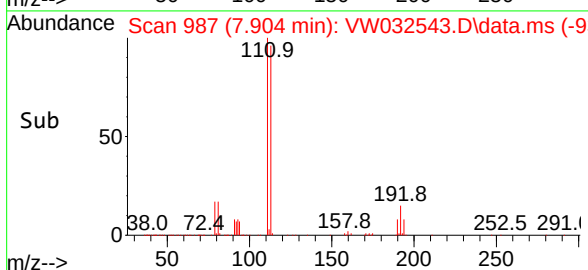
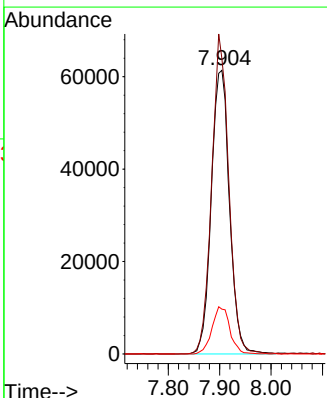
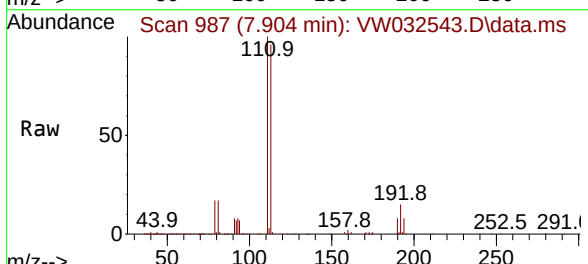
Instrument : MSVOA_W
 ClientSampleId : SB-1125-11B

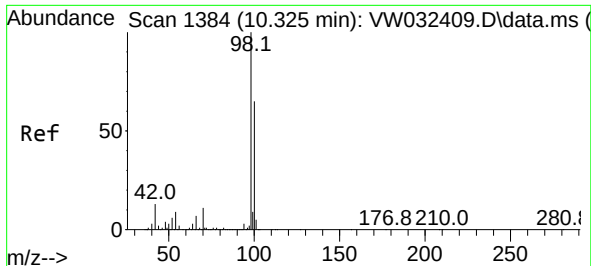
Tgt Ion:	114	Resp:	469951
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	41.8
88	16.5	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 53.641 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032543.D
 Acq: 26 Nov 2025 14:58

Tgt Ion:	113	Resp:	150929
Ion Ratio	Lower	Upper	
113	100		
111	105.9	83.1	124.7
192	16.4	13.4	20.2

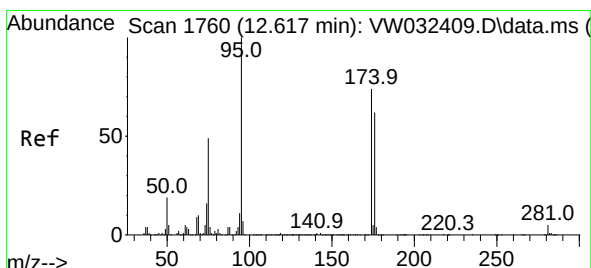
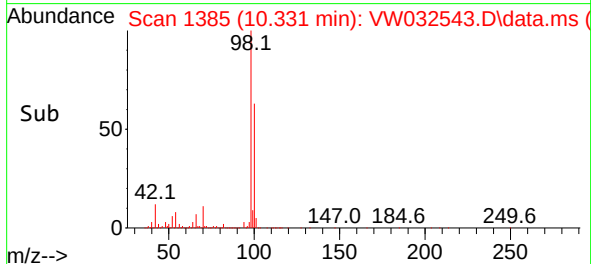
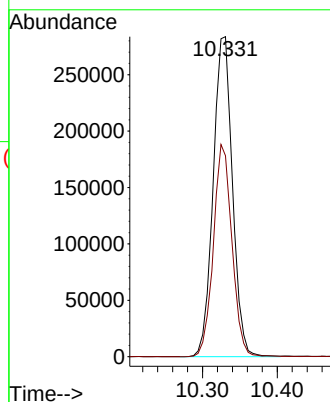
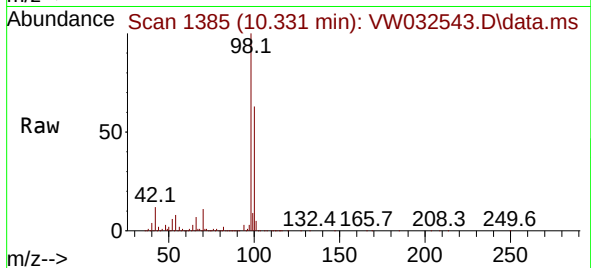




#50
Toluene-d8
Concen: 47.244 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

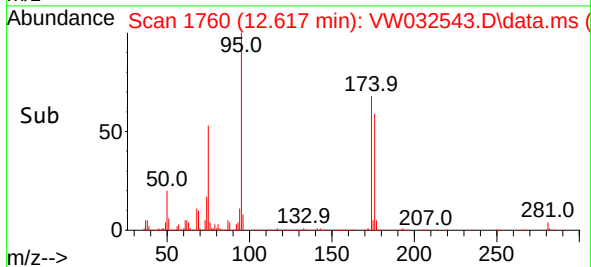
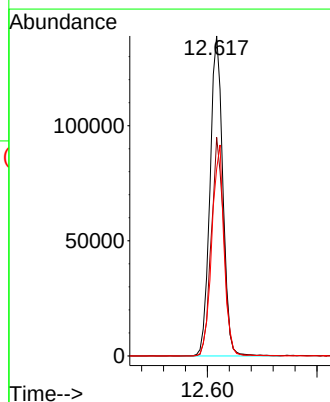
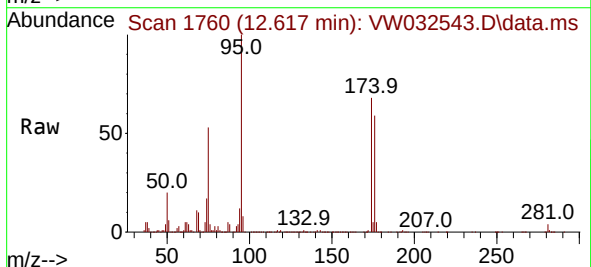
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

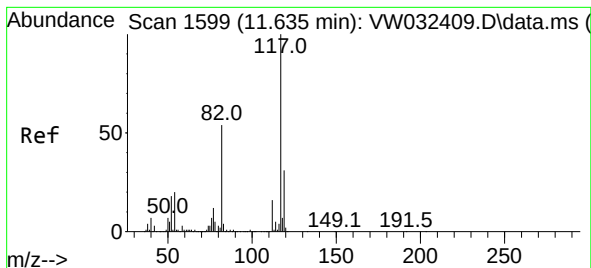
Tgt Ion: 98 Resp: 509971
Ion Ratio Lower Upper
98 100
100 63.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.116 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

Tgt Ion: 95 Resp: 224746
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.4
176 63.0 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032543.D

Acq: 26 Nov 2025 14:58

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-11B

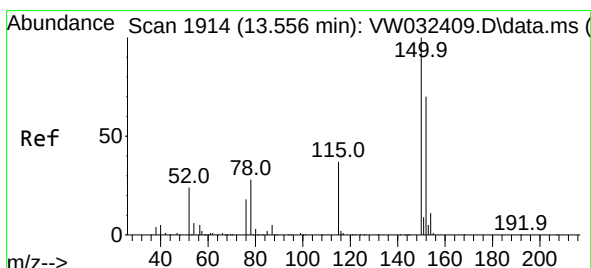
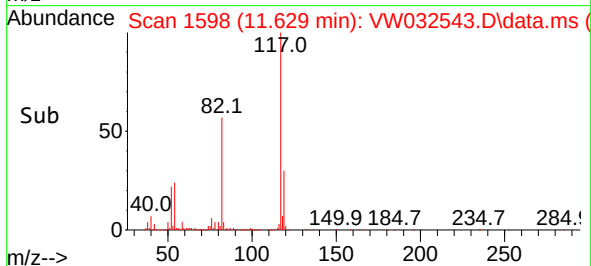
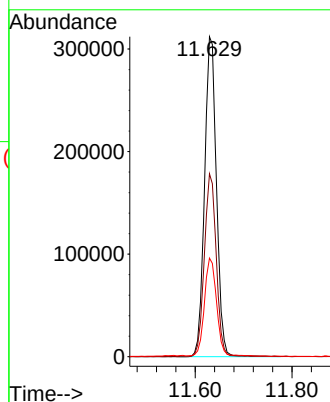
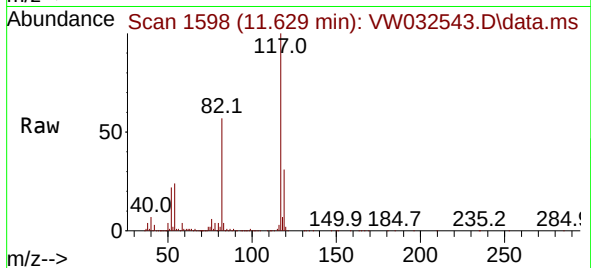
Tgt Ion:117 Resp: 532584

Ion Ratio Lower Upper

117 100

82 57.1 43.0 64.4

119 30.6 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032543.D

Acq: 26 Nov 2025 14:58

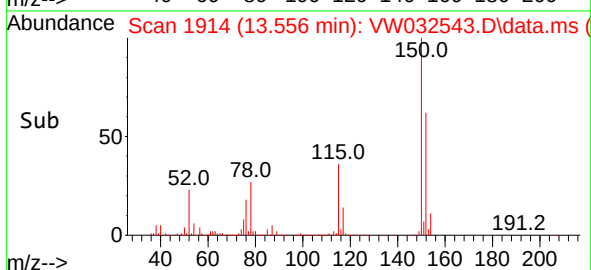
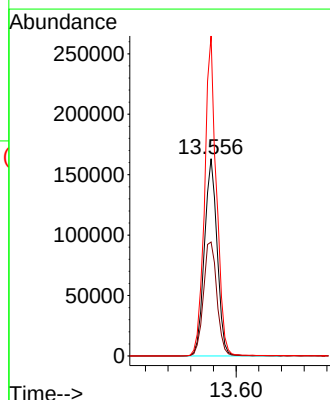
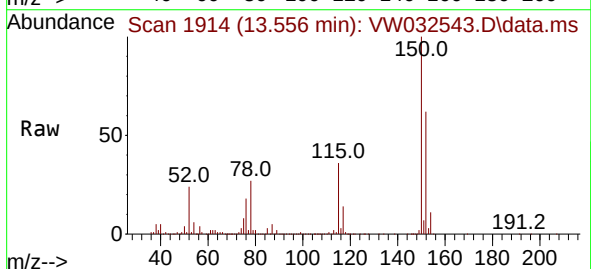
Tgt Ion:152 Resp: 255138

Ion Ratio Lower Upper

152 100

115 61.1 32.8 98.3

150 150.9 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032543.D
Acq On : 26 Nov 2025 14:58
Operator : SY/MD
Sample : Q3719-04
Misc : 4.14g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	494	503	513	rBV3	13358	48705	2.92%	0.546%
2	5.966	657	669	677	rBV6	11194	37288	2.24%	0.418%
3	7.167	853	866	876	rBV2	34899	105105	6.30%	1.179%
4	7.898	971	986	991	rBV	205072	496947	29.80%	5.573%
5	7.959	991	996	1007	rVB	285503	635086	38.08%	7.122%
6	8.258	1038	1045	1048	rBV2	17988	39592	2.37%	0.444%
7	8.319	1048	1055	1065	rVB	205495	462305	27.72%	5.185%
8	8.849	1133	1142	1157	rBV	577795	1168479	70.06%	13.104%
9	10.325	1377	1384	1394	rBV	764019	1367405	81.99%	15.335%
10	10.703	1439	1446	1452	rBV	21886	40501	2.43%	0.454%
11	11.062	1500	1505	1513	rVB2	15543	28977	1.74%	0.325%
12	11.434	1558	1566	1571	rVB3	11239	23470	1.41%	0.263%
13	11.629	1590	1598	1612	rBV	969040	1667729	100.00%	18.703%
14	12.617	1748	1760	1772	rBV2	660157	1133978	68.00%	12.717%
15	12.928	1803	1811	1820	rBV8	10996	27326	1.64%	0.306%
16	13.556	1905	1914	1926	rBV	1026105	1606661	96.34%	18.018%
17	14.062	1989	1997	2002	rBV	15588	27457	1.65%	0.308%

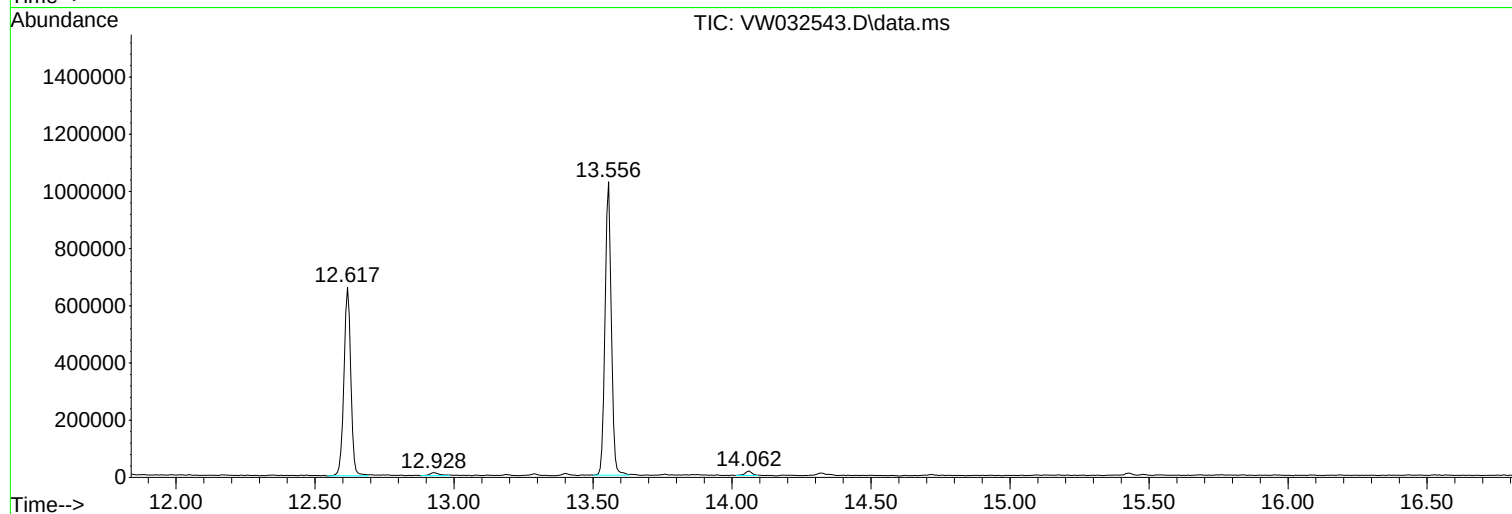
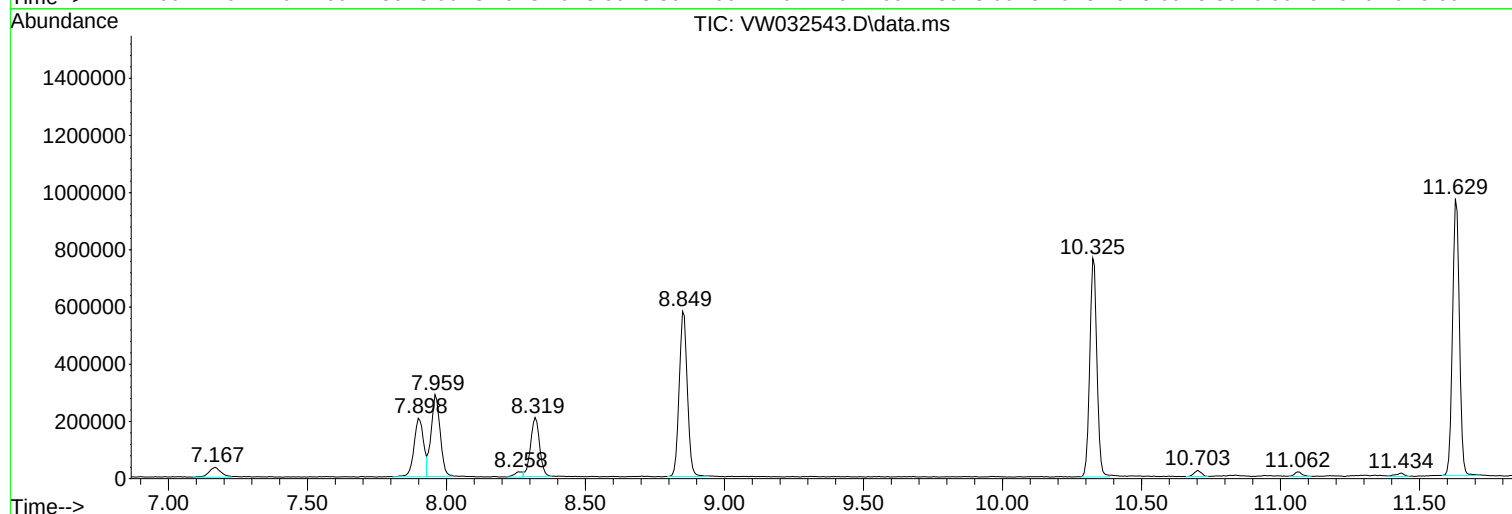
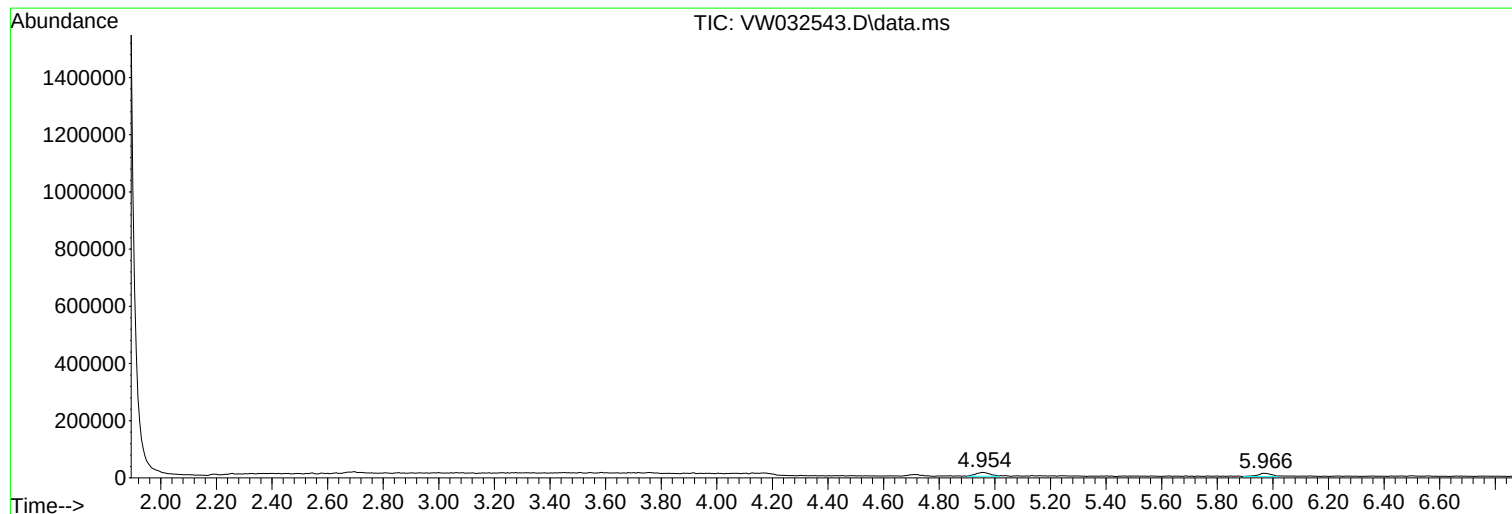
Sum of corrected areas: 8917011

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032543.D
Acq On : 26 Nov 2025 14:58
Operator : SY/MD
Sample : Q3719-04
Misc : 4.14g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032543.D
Acq On : 26 Nov 2025 14:58
Operator : SY/MD
Sample : Q3719-04
Misc : 4.14g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032543.D
Acq On : 26 Nov 2025 14:58
Operator : SY/MD
Sample : Q3719-04
Misc : 4.14g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032544.D
 Acq On : 26 Nov 2025 15:20
 Operator : SY/MD
 Sample : Q3719-05
 Misc : 4.91g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12A

Quant Time: Nov 27 00:28:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

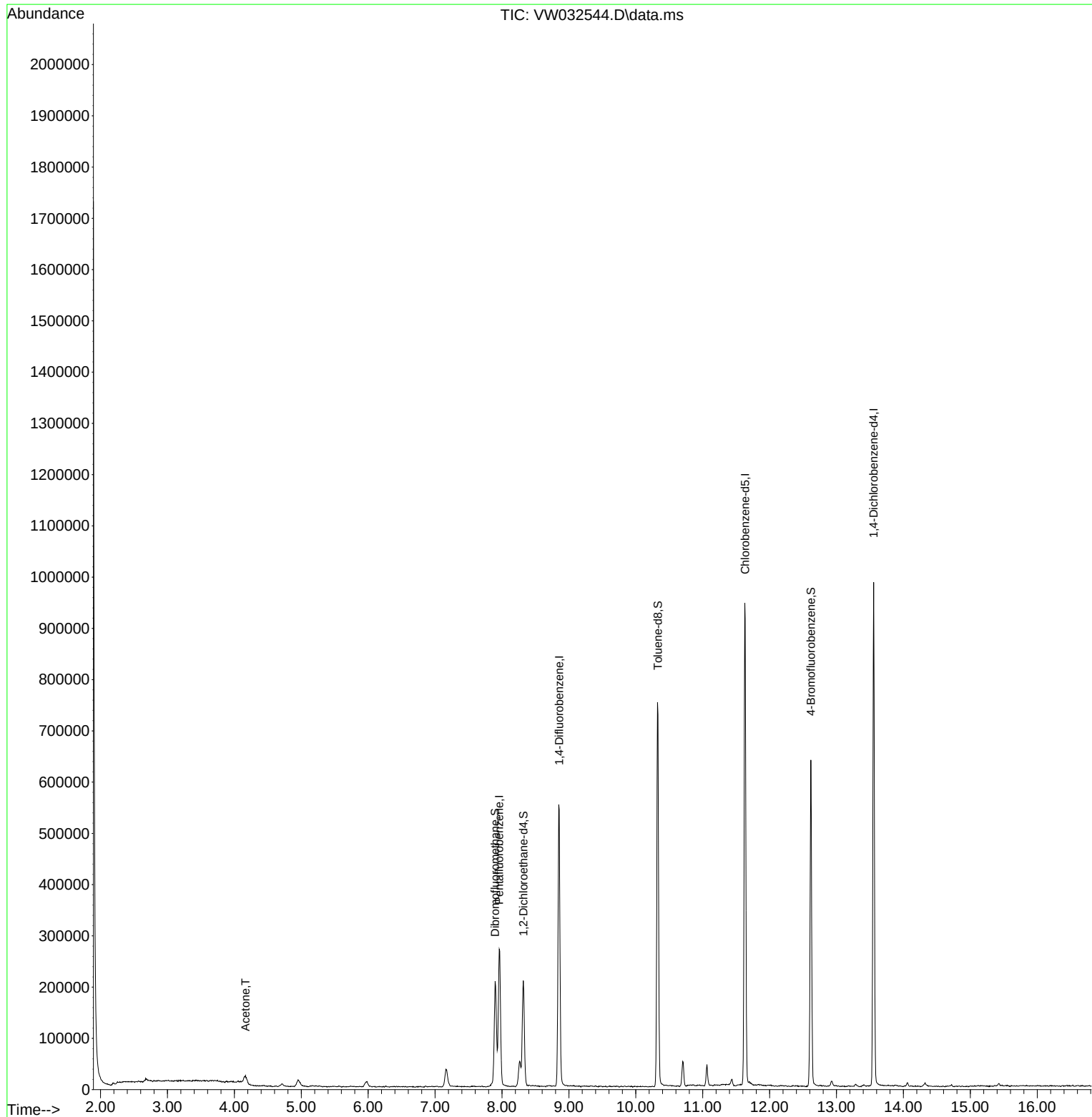
Internal Standards						
1) Pentafluorobenzene	7.959	168	186816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	449736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	514009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	231134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168836	70.100	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	140.200%	
35) Dibromofluoromethane	7.898	113	148492	55.147	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	110.300%	
50) Toluene-d8	10.331	98	502185	48.614	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	97.220%	
62) 4-Bromofluorobenzene	12.617	95	220623	56.537	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	113.080%	
Target Compounds						
16) Acetone	4.167	43	22319	30.974	ug/l	Qvalue 99

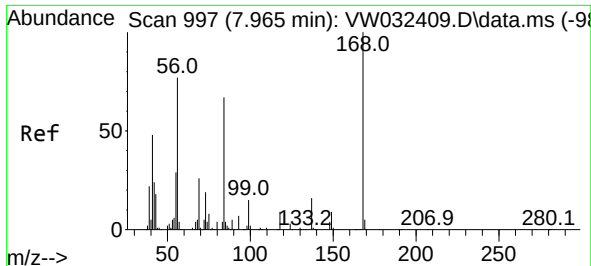
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032544.D
Acq On : 26 Nov 2025 15:20
Operator : SY/MD
Sample : Q3719-05
Misc : 4.91g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12A

Quant Time: Nov 27 00:28:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

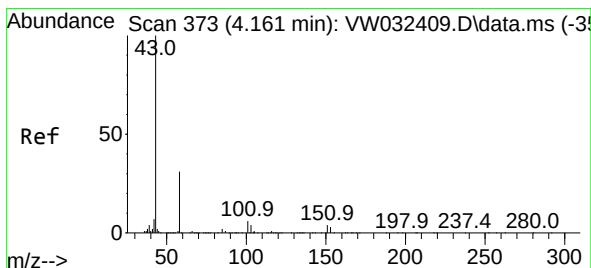
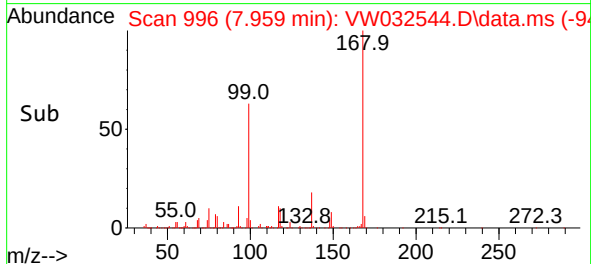
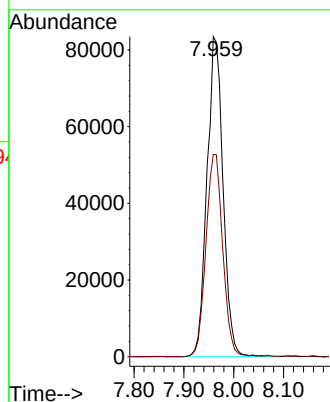
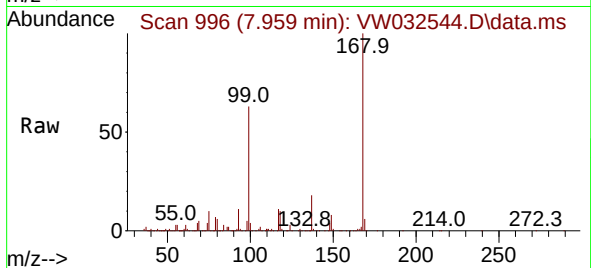




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

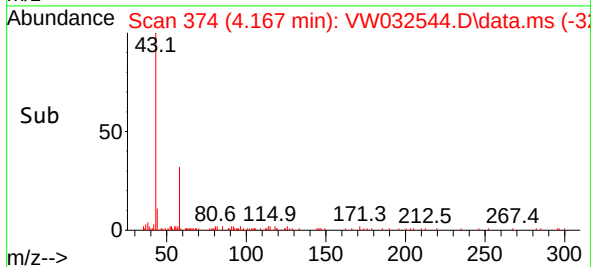
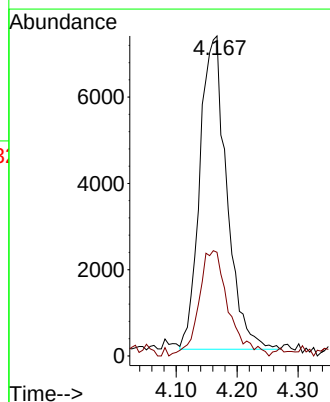
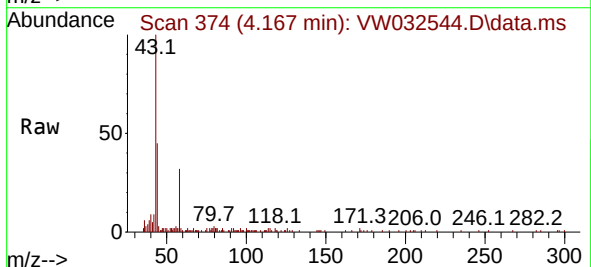
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12A

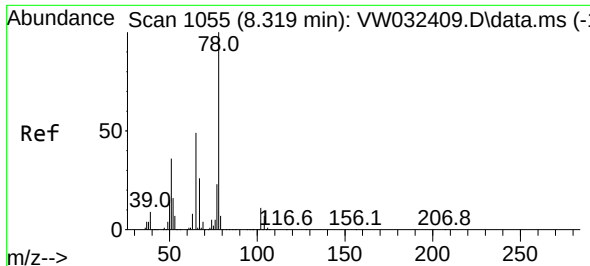
Tgt Ion:168 Resp: 186816
Ion Ratio Lower Upper
168 100
99 63.2 45.4 68.2



#16
Acetone
Concen: 30.974 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

Tgt Ion: 43 Resp: 22319
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 70.100 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032544.D

Acq: 26 Nov 2025 15:20

Instrument :

MSVOA_W

ClientSampleId :

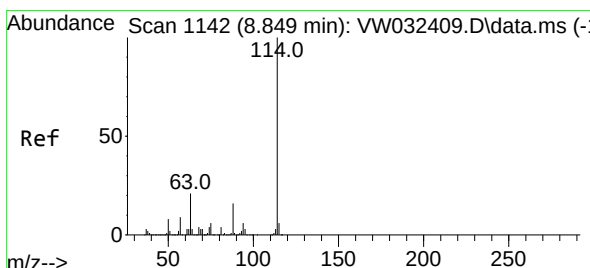
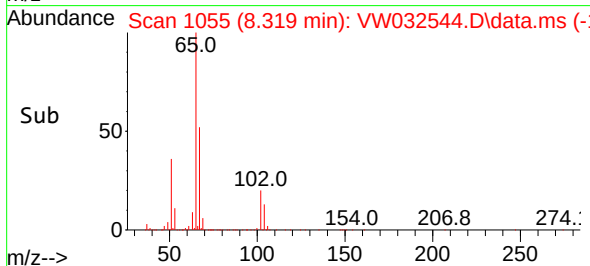
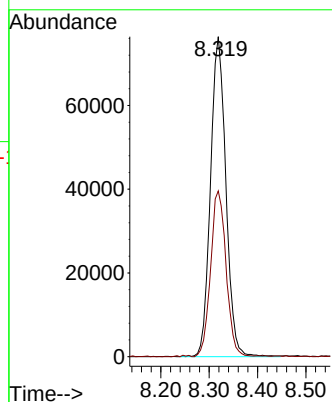
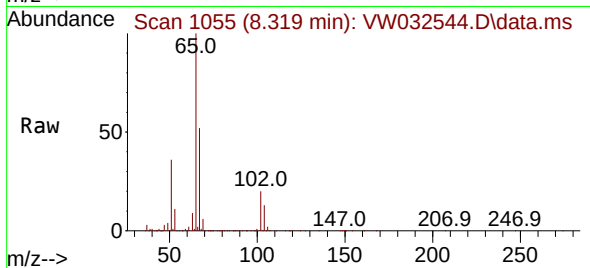
SB-1125-12A

Tgt Ion: 65 Resp: 168836

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW032544.D

Acq: 26 Nov 2025 15:20

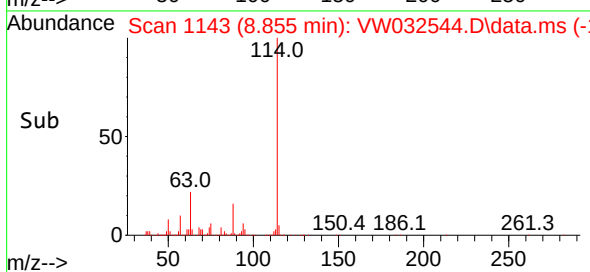
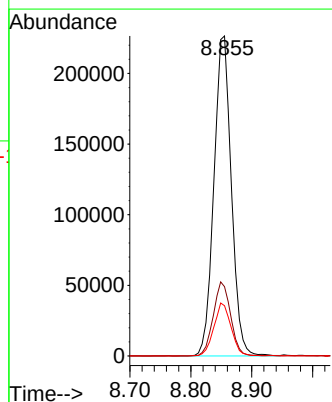
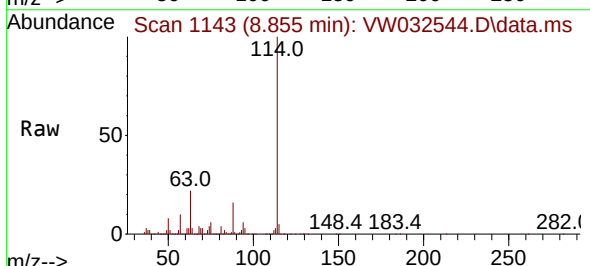
Tgt Ion: 114 Resp: 449736

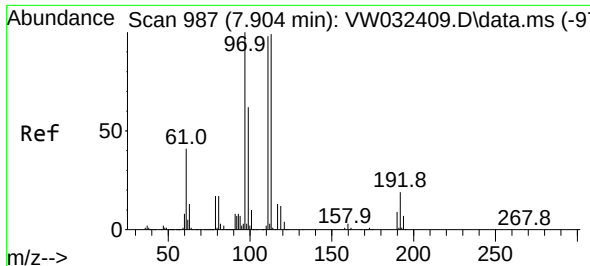
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.7 0.0 32.6

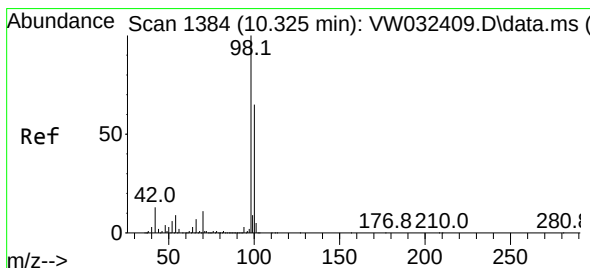
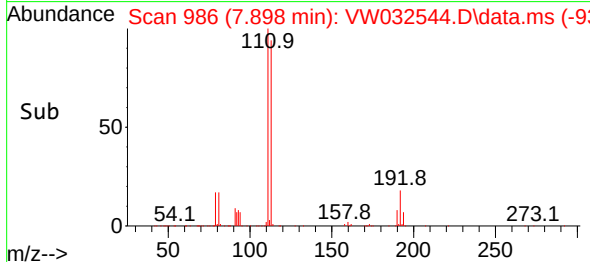
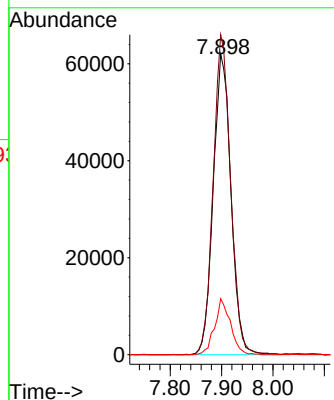
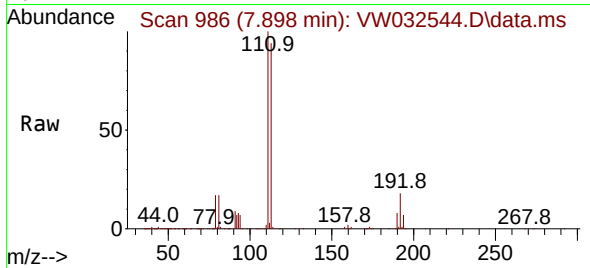




#35
 Dibromofluoromethane
 Concen: 55.147 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

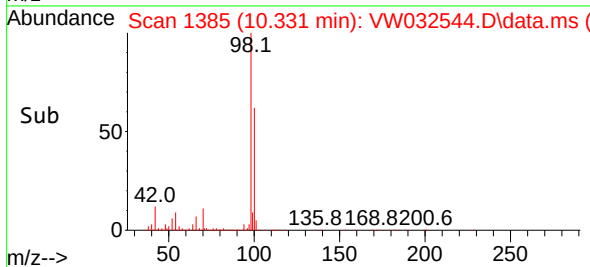
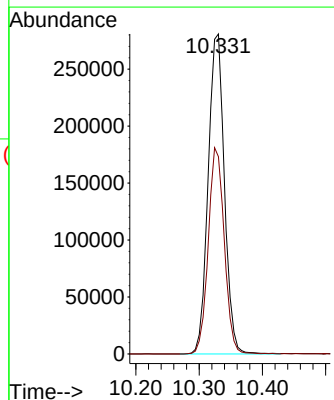
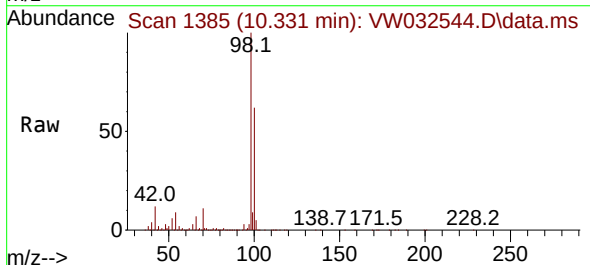
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12A

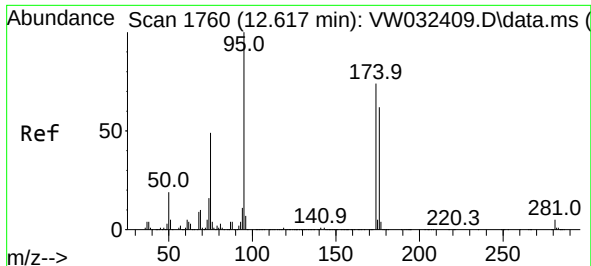
Tgt Ion:113 Resp: 148492
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.1 124.7
 192 16.7 13.4 20.2



#50
 Toluene-d8
 Concen: 48.614 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

Tgt Ion: 98 Resp: 502185
 Ion Ratio Lower Upper
 98 100
 100 63.5 53.3 79.9

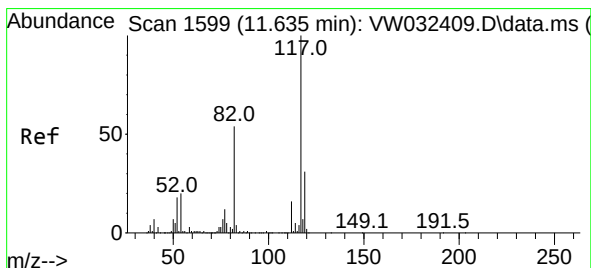
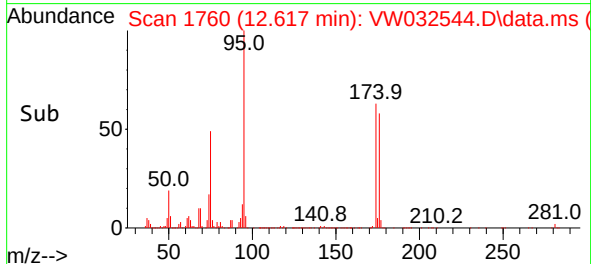
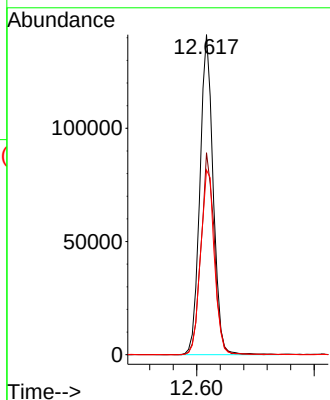
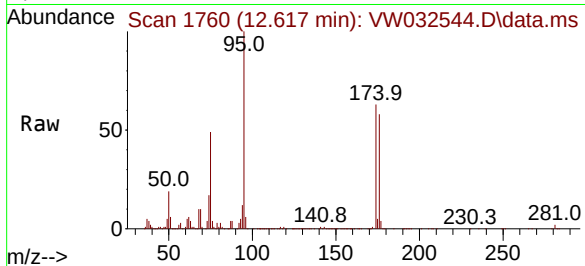




#62
4-Bromofluorobenzene
Concen: 56.537 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

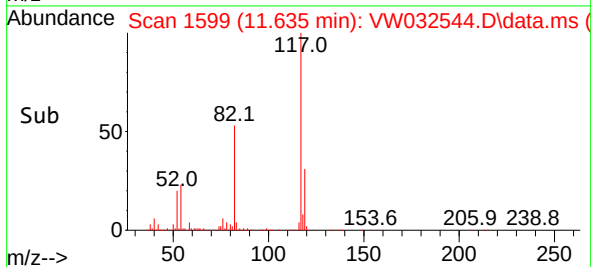
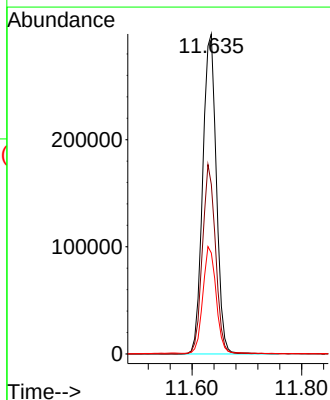
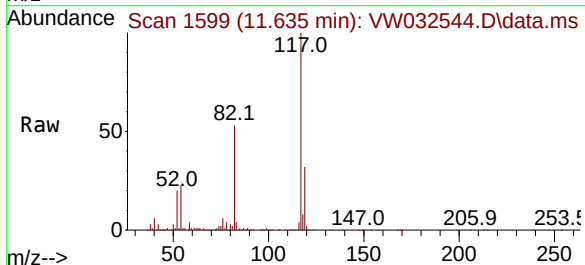
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12A

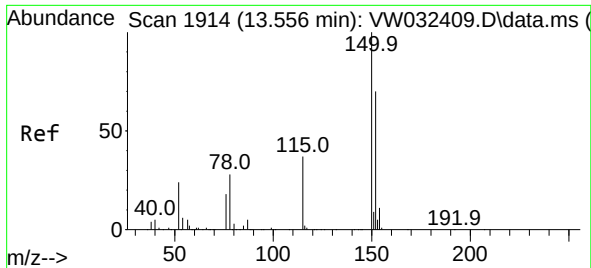
Tgt Ion: 95 Resp: 220623
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.4
176 60.4 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

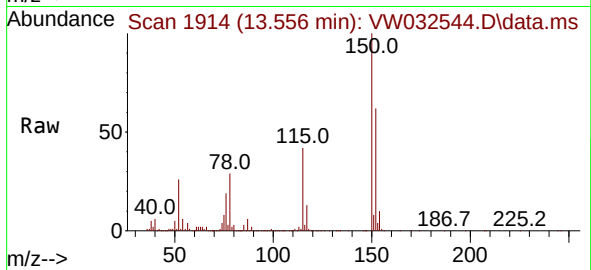
Tgt Ion: 117 Resp: 514009
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.5 25.0 37.6



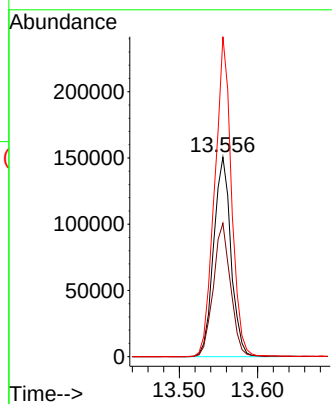
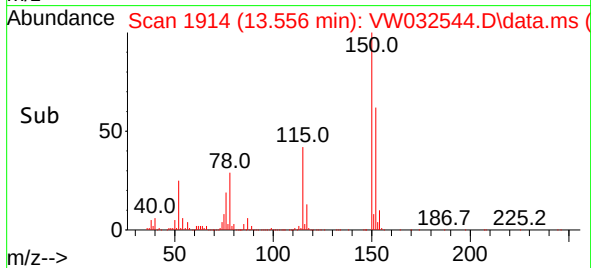


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12A



Tgt Ion:	152	Resp:	231134
Ion	Ratio	Lower	Upper
152	100		
115	66.4	32.8	98.3
150	155.6	0.0	356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032544.D
 Acq On : 26 Nov 2025 15:20
 Operator : SY/MD
 Sample : Q3719-05
 Misc : 4.91g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12A

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.167	367	374	383	rVB2	17634	56002	3.46%	0.634%
2	4.953	494	503	513	rBV3	13510	47515	2.94%	0.538%
3	5.984	662	672	678	rBV8	10327	32576	2.01%	0.369%
4	7.160	857	865	877	rBV2	34291	103587	6.40%	1.173%
5	7.898	972	986	991	rBV	205020	490280	30.28%	5.554%
6	7.959	991	996	1008	rVB	265590	609964	37.68%	6.910%
7	8.264	1035	1046	1049	rBV	49655	117764	7.27%	1.334%
8	8.319	1049	1055	1064	rVB	204804	462956	28.60%	5.244%
9	8.849	1134	1142	1158	rBV	549387	1110869	68.62%	12.584%
10	10.324	1376	1384	1400	rBV	750187	1359408	83.97%	15.400%
11	10.702	1438	1446	1454	rBV	49192	99473	6.14%	1.127%
12	11.062	1499	1505	1512	rBV2	41840	70867	4.38%	0.803%
13	11.434	1560	1566	1571	rVB3	12834	26575	1.64%	0.301%
14	11.629	1590	1598	1607	rBV	940432	1618894	100.00%	18.339%
15	12.617	1751	1760	1774	rBV	637271	1050582	64.90%	11.901%
16	12.928	1804	1811	1817	rBV3	9821	21636	1.34%	0.245%
17	13.556	1906	1914	1929	rBV	981981	1528178	94.40%	17.312%
18	14.324	2030	2040	2048	rBV	7632	20374	1.26%	0.231%

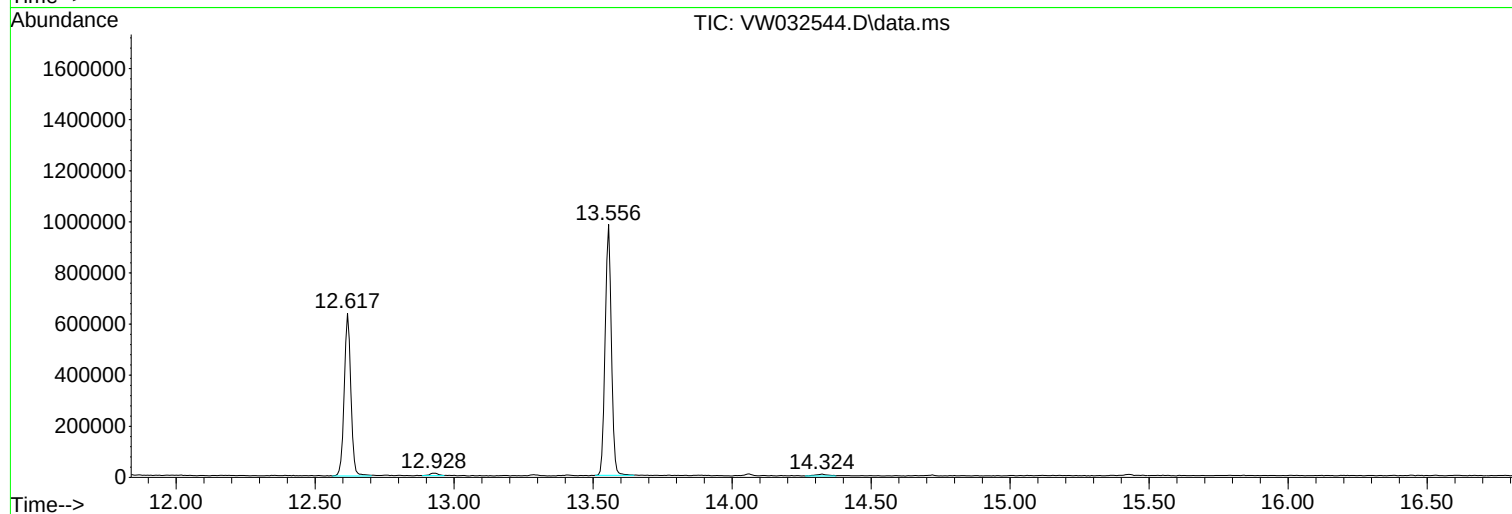
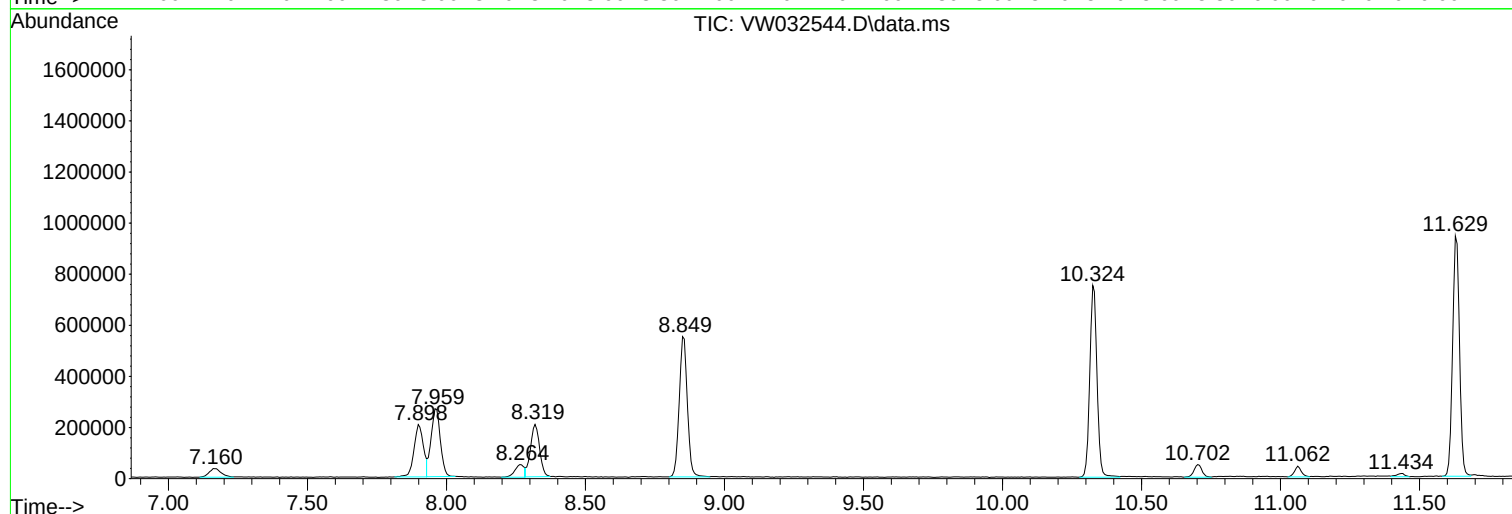
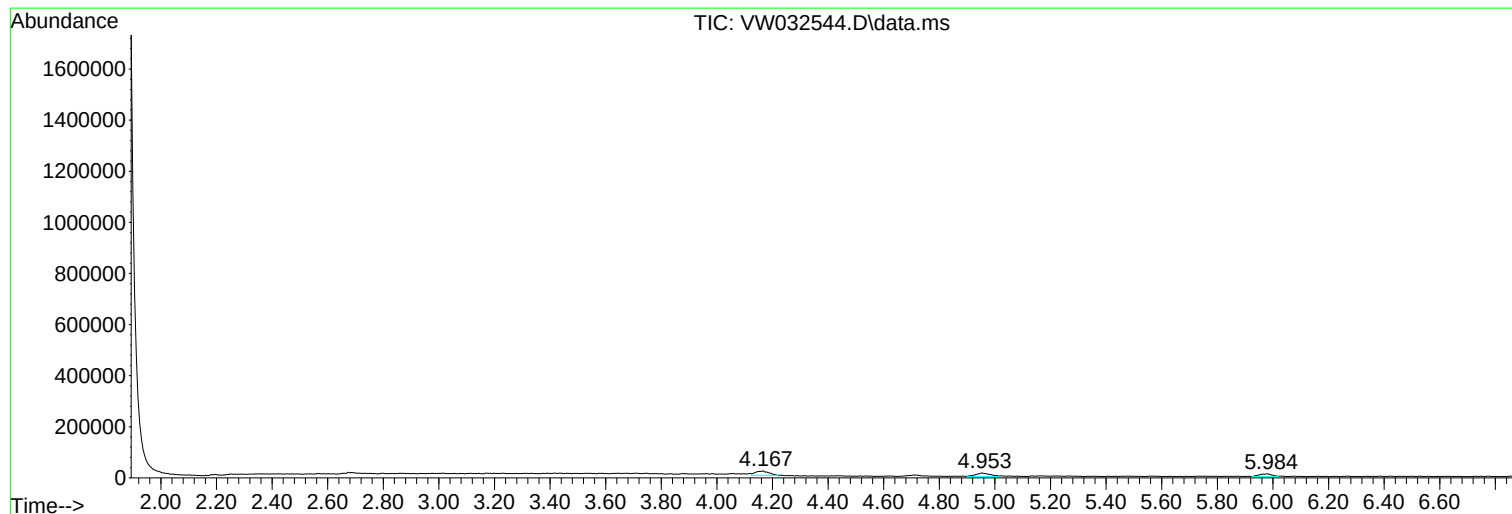
Sum of corrected areas: 8827500

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032544.D
Acq On : 26 Nov 2025 15:20
Operator : SY/MD
Sample : Q3719-05
Misc : 4.91g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032544.D
Acq On : 26 Nov 2025 15:20
Operator : SY/MD
Sample : Q3719-05
Misc : 4.91g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032544.D
Acq On : 26 Nov 2025 15:20
Operator : SY/MD
Sample : Q3719-05
Misc : 4.91g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032545.D
 Acq On : 26 Nov 2025 15:42
 Operator : SY/MD
 Sample : Q3719-06
 Misc : 5.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12B

Quant Time: Nov 27 00:29:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	186663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	470881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	539261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	265861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	167157	69.460	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 138.920%	
35) Dibromofluoromethane	7.898	113	151206	53.633	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.260%	
50) Toluene-d8	10.325	98	497865	46.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 92.060%	
62) 4-Bromofluorobenzene	12.617	95	217244	53.171	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.340%	

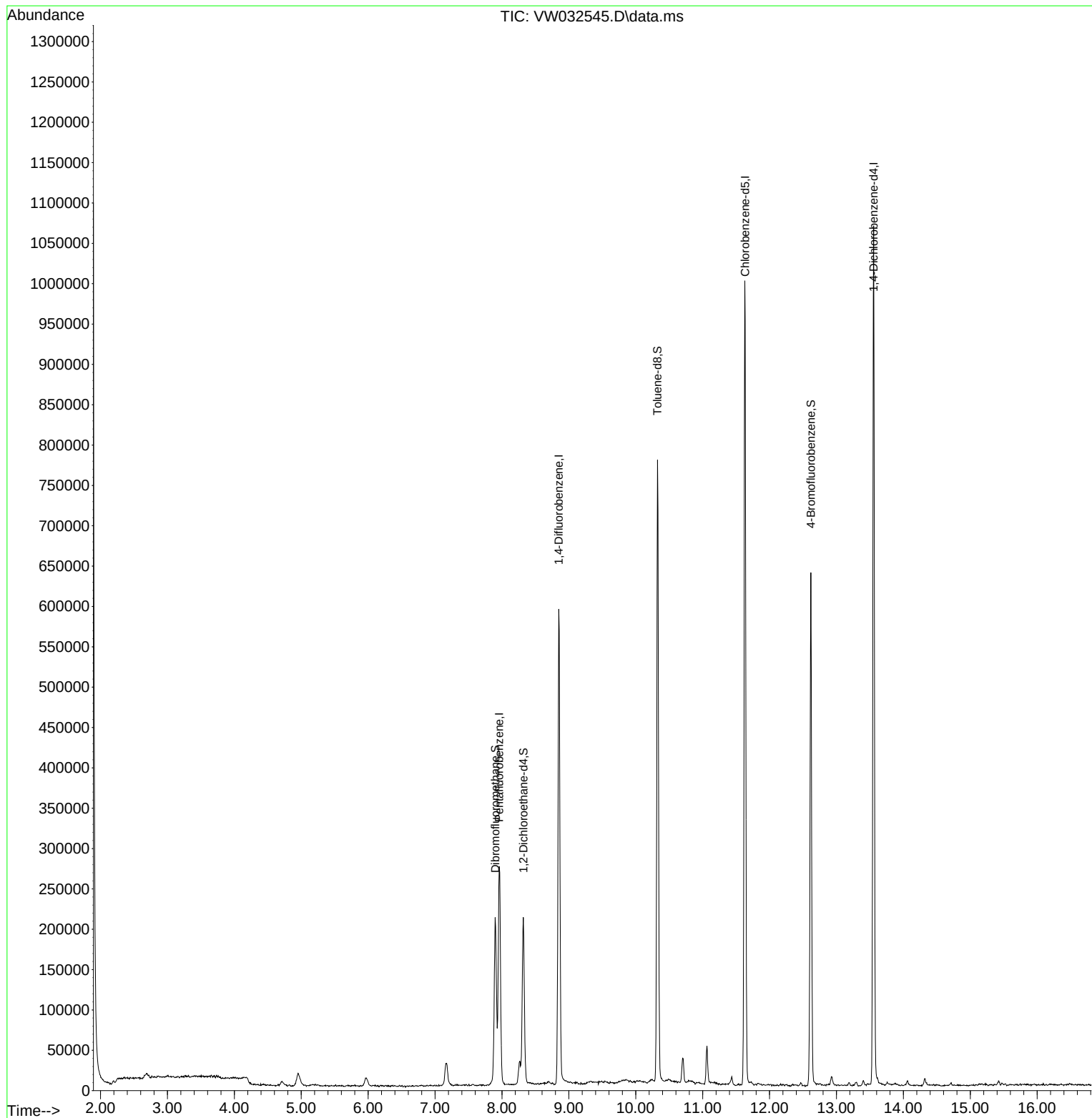
Target Compounds	Qvalue

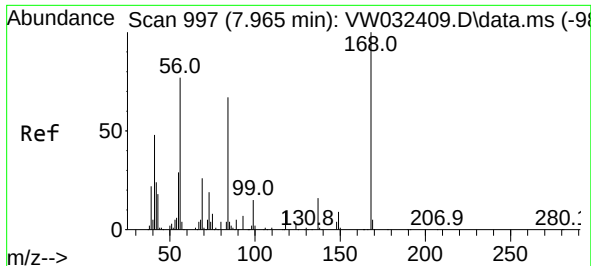
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032545.D
Acq On : 26 Nov 2025 15:42
Operator : SY/MD
Sample : Q3719-06
Misc : 5.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

Quant Time: Nov 27 00:29:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

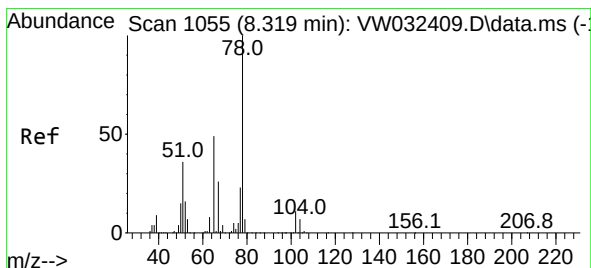
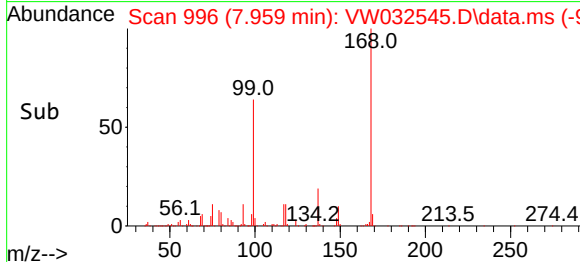
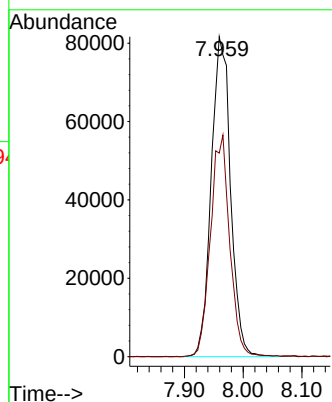
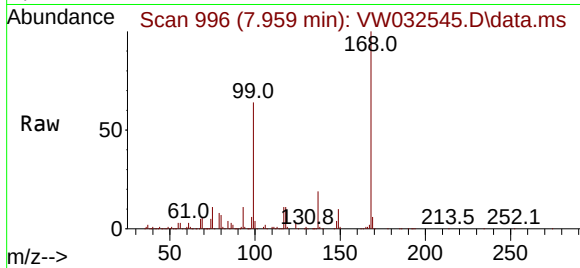




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

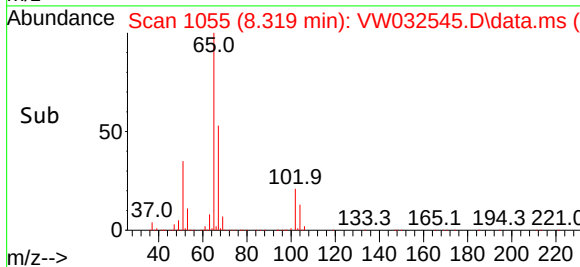
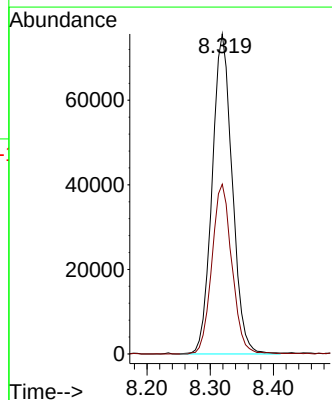
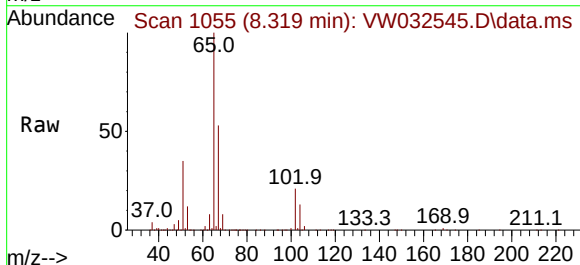
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

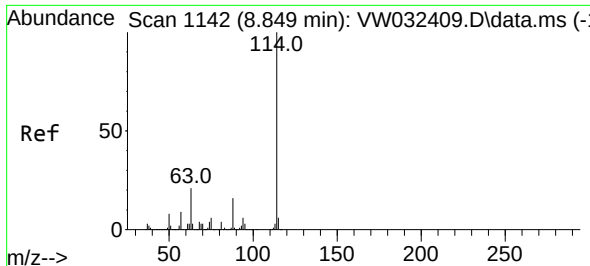
Tgt Ion:168 Resp: 186663
Ion Ratio Lower Upper
168 100
99 63.6 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 69.460 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion: 65 Resp: 167157
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.8

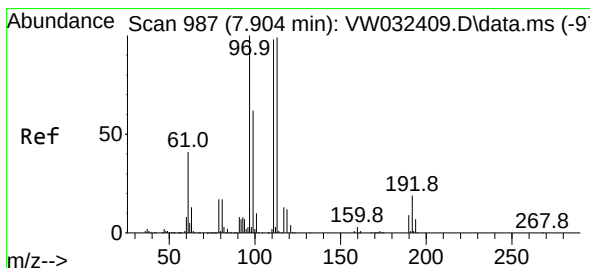
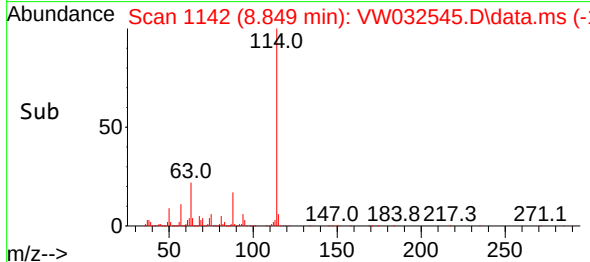
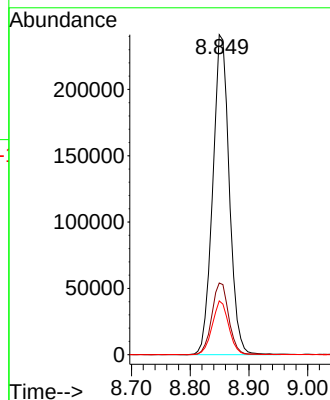
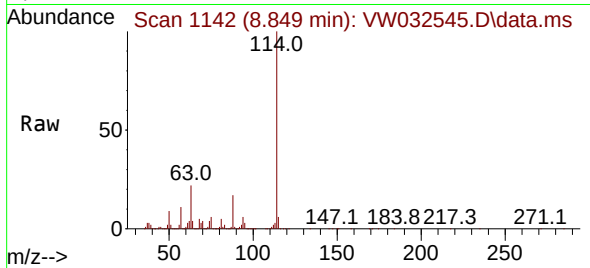




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

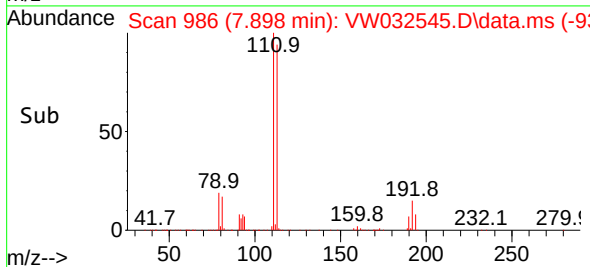
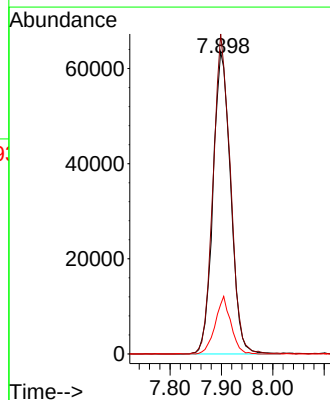
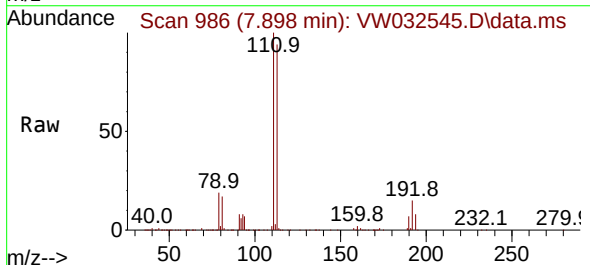
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

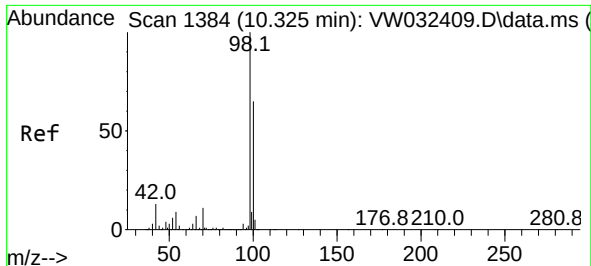
Tgt Ion:	114	Resp:	470881
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.8
88	16.8	0.0	32.6



#35
Dibromofluoromethane
Concen: 53.633 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion:	113	Resp:	151206
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	16.9	13.4	20.2

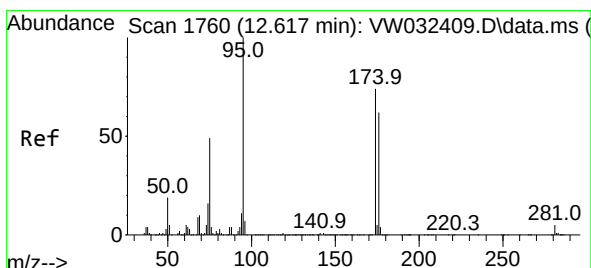
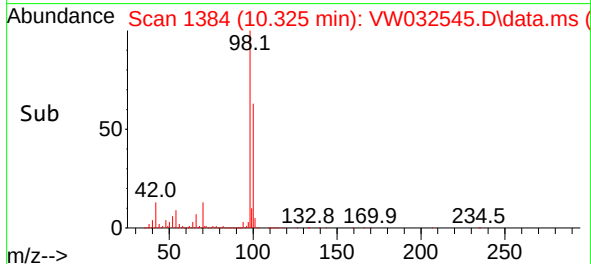
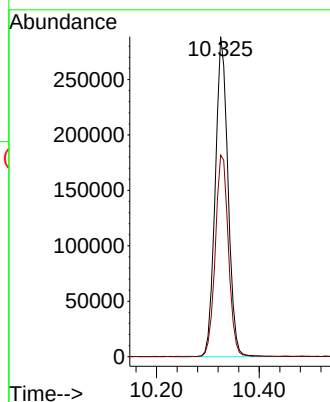
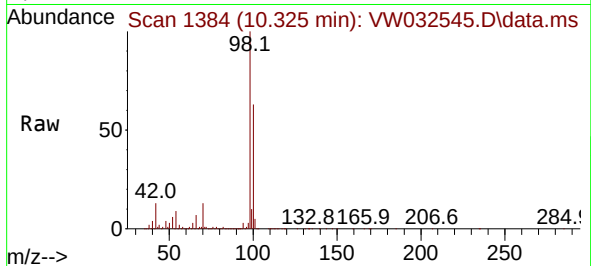




#50
Toluene-d8
Concen: 46.032 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

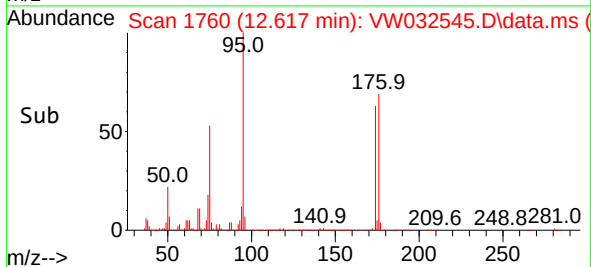
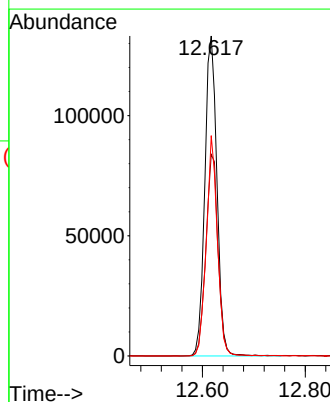
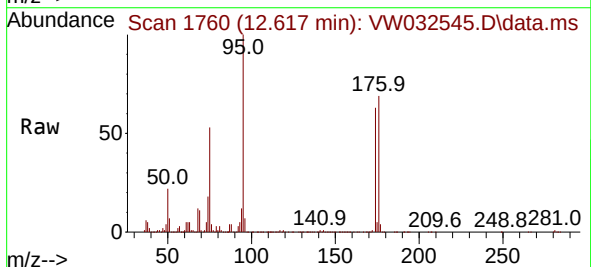
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

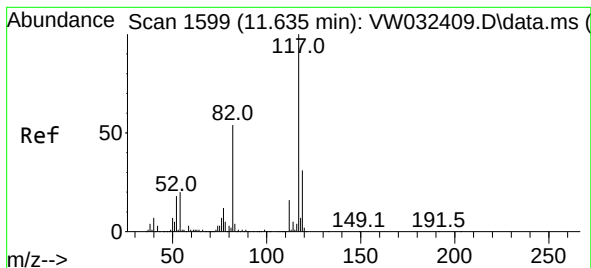
Tgt Ion: 98 Resp: 497865
Ion Ratio Lower Upper
98 100
100 64.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.171 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion: 95 Resp: 217244
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.4
176 63.3 0.0 131.8

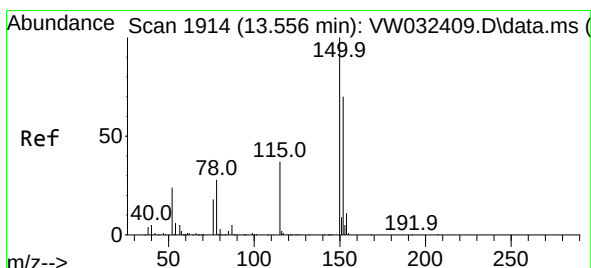
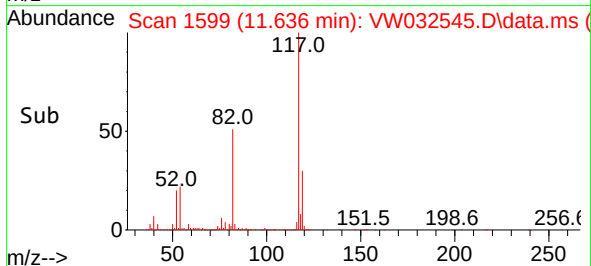
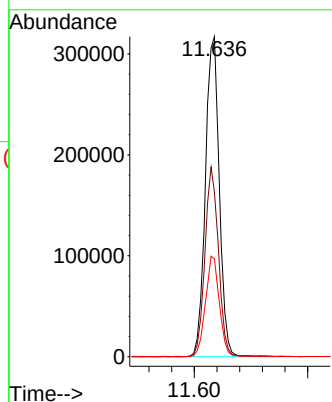
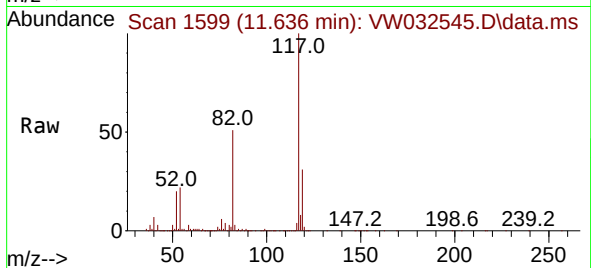




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

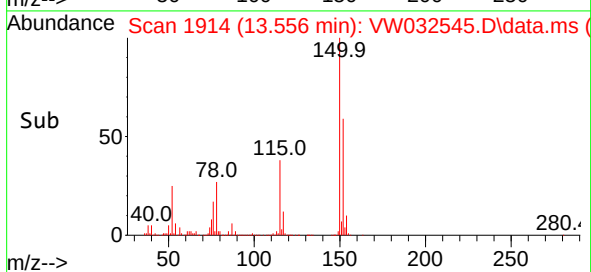
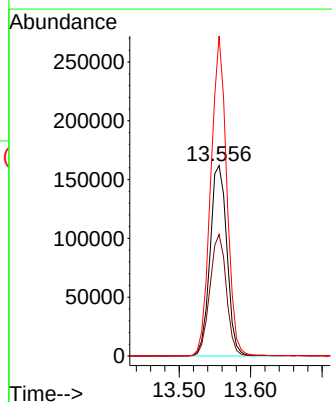
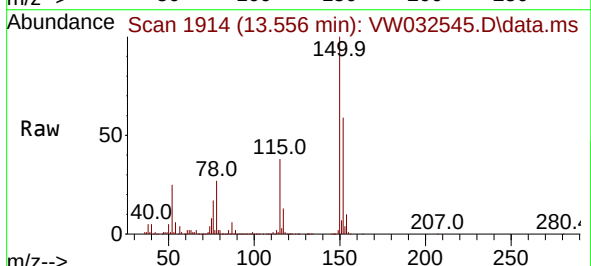
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

Tgt Ion:117 Resp: 539261
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 30.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion:152 Resp: 265861
Ion Ratio Lower Upper
152 100
115 62.2 32.8 98.3
150 158.5 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032545.D
 Acq On : 26 Nov 2025 15:42
 Operator : SY/MD
 Sample : Q3719-06
 Misc : 5.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032545.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	491	503	516	rBV2	15702	59992	3.51%	0.667%
2	7.173	855	867	879	rBV	27813	88952	5.20%	0.988%
3	7.898	970	986	991	rBV2	208161	503759	29.44%	5.598%
4	7.959	991	996	1009	rVB	270516	633087	37.00%	7.035%
5	8.264	1036	1046	1048	rBV2	28820	60031	3.51%	0.667%
6	8.319	1048	1055	1066	rVB	205732	468413	27.37%	5.205%
7	8.849	1133	1142	1158	rBV	589149	1181356	69.04%	13.128%
8	10.325	1376	1384	1402	rVB	770098	1340920	78.36%	14.901%
9	10.703	1439	1446	1454	rVB2	30208	61436	3.59%	0.683%
10	11.062	1499	1505	1511	rBV2	47853	84967	4.97%	0.944%
11	11.434	1558	1566	1572	rVB5	10111	19981	1.17%	0.222%
12	11.629	1590	1598	1608	rBV	996671	1702144	99.47%	18.915%
13	12.617	1751	1760	1773	rBV	635739	1041746	60.88%	11.576%
14	12.922	1806	1810	1820	rVB5	10505	22020	1.29%	0.245%
15	13.556	1906	1914	1926	rBV	1063697	1711129	100.00%	19.015%
16	14.318	2032	2039	2043	rBV8	9404	19083	1.12%	0.212%

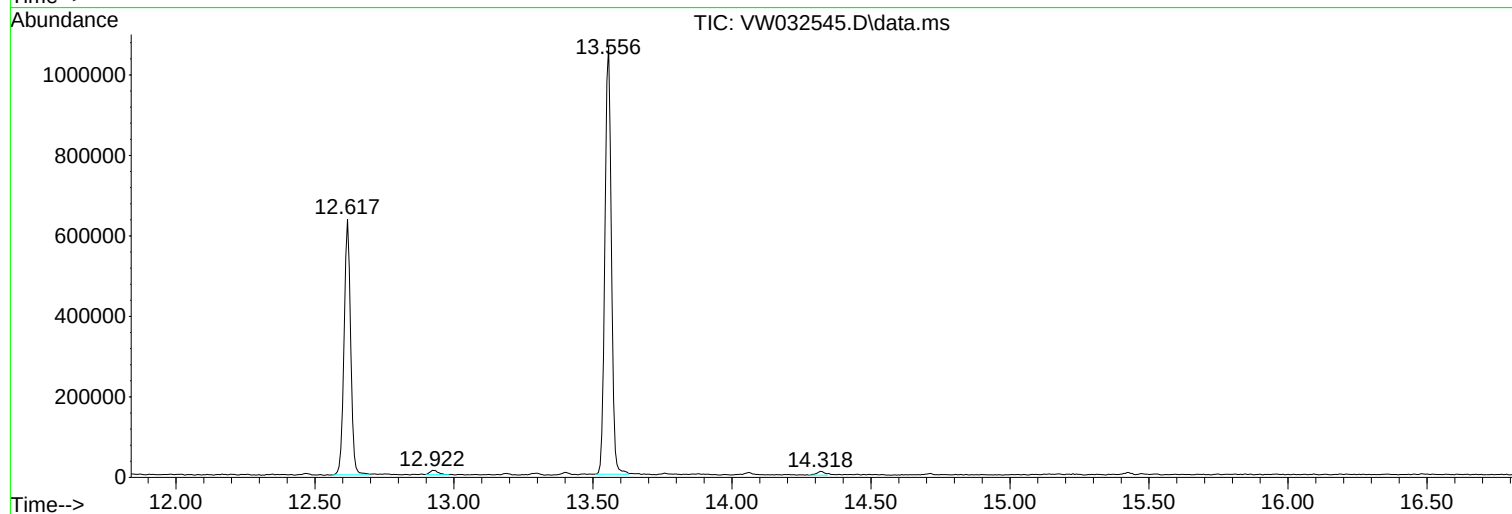
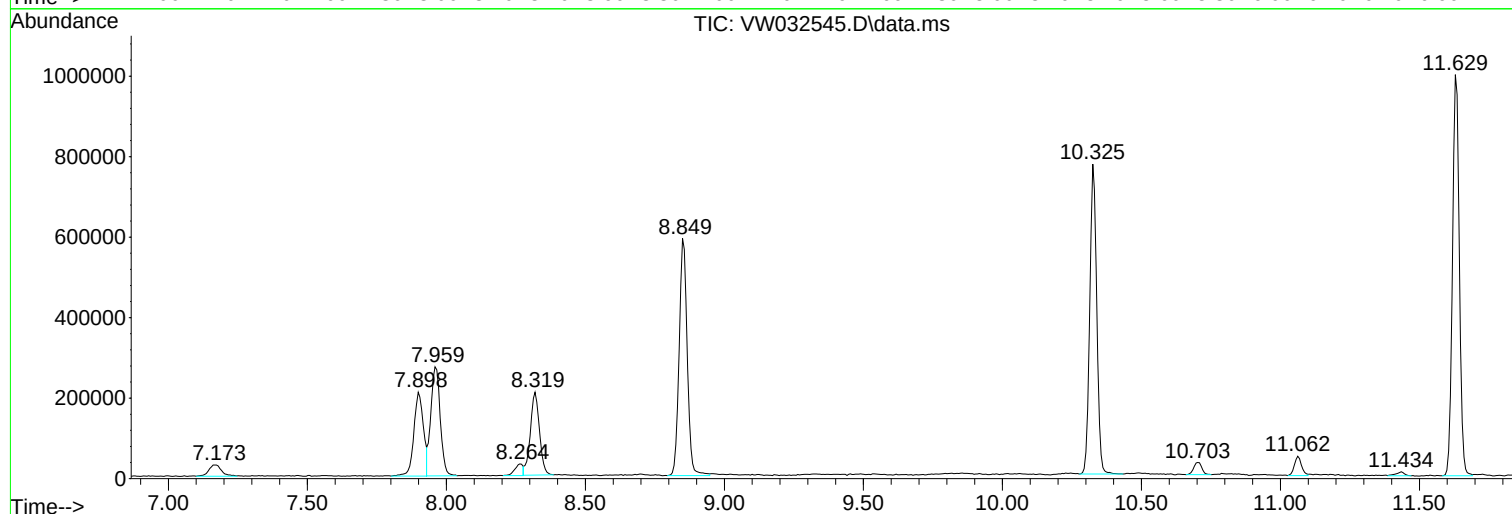
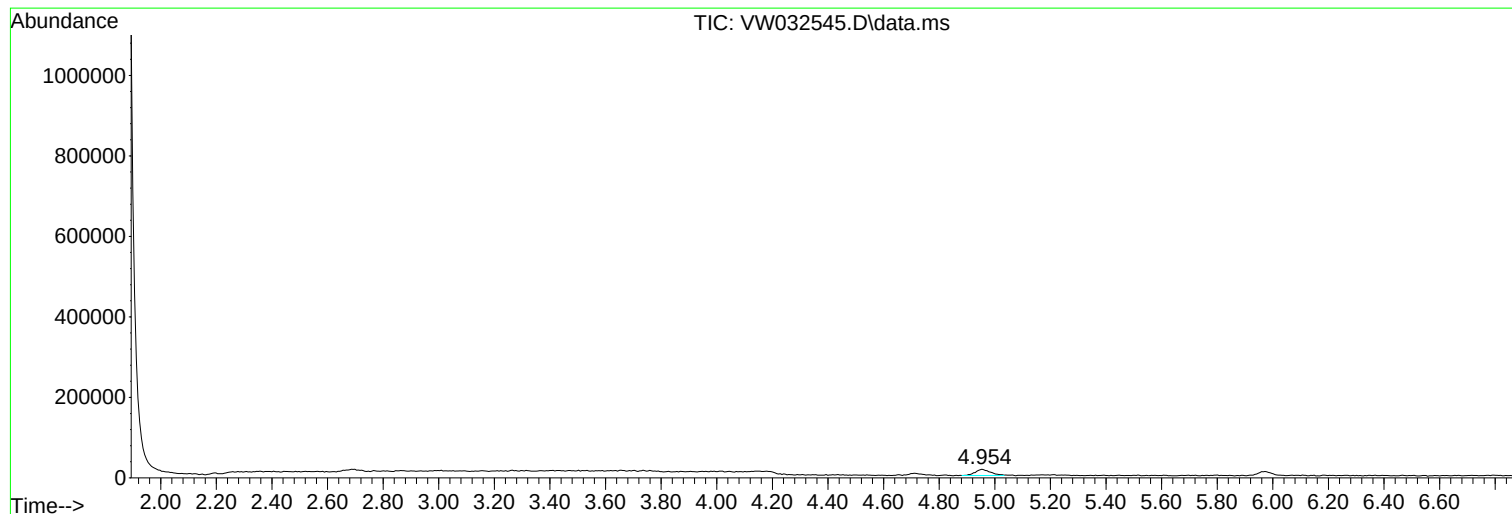
Sum of corrected areas: 8999016

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032545.D
Acq On : 26 Nov 2025 15:42
Operator : SY/MD
Sample : Q3719-06
Misc : 5.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032545.D
Acq On : 26 Nov 2025 15:42
Operator : SY/MD
Sample : Q3719-06
Misc : 5.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032545.D
Acq On : 26 Nov 2025 15:42
Operator : SY/MD
Sample : Q3719-06
Misc : 5.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032546.D
 Acq On : 26 Nov 2025 16:04
 Operator : SY/MD
 Sample : Q3719-07
 Misc : 3.36g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-14A

Quant Time: Nov 27 00:29:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	200349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	492902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	550426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	245674	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	169930	65.788	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 131.580%	
35) Dibromofluoromethane	7.898	113	154613	52.391	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.780%	
50) Toluene-d8	10.325	98	495162	43.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 87.480%	
62) 4-Bromofluorobenzene	12.617	95	216969	50.732	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.460%	

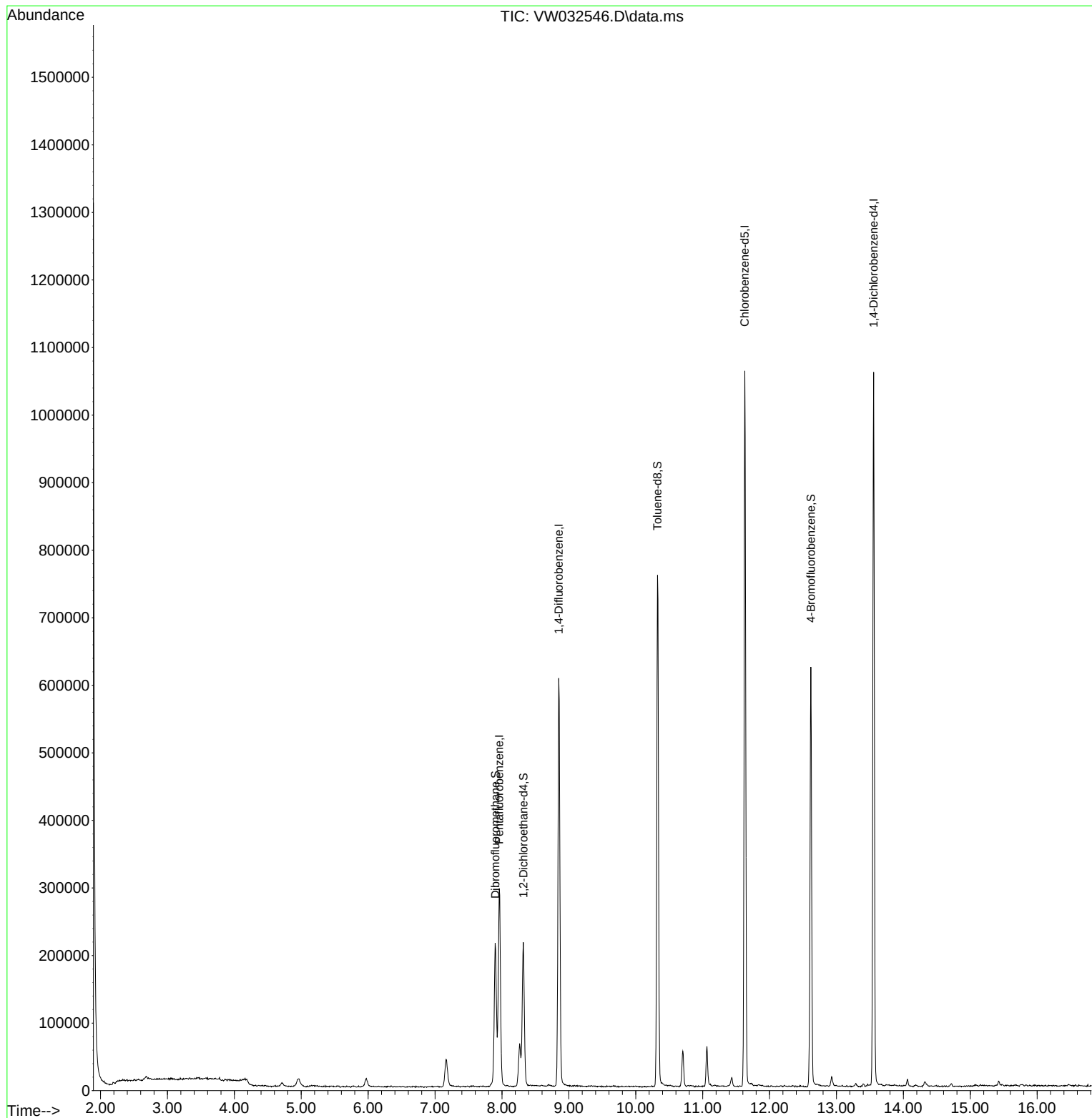
Target Compounds Qvalue

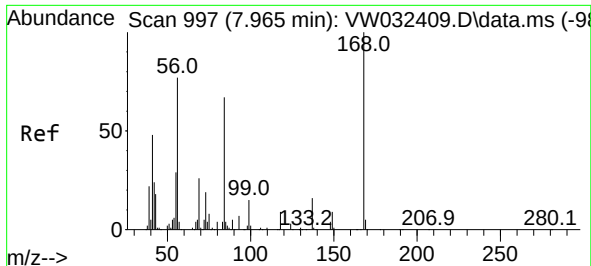
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032546.D
Acq On : 26 Nov 2025 16:04
Operator : SY/MD
Sample : Q3719-07
Misc : 3.36g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

Quant Time: Nov 27 00:29:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

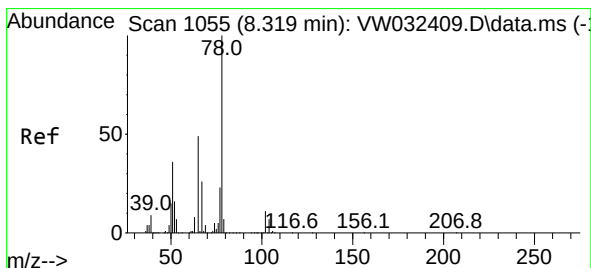
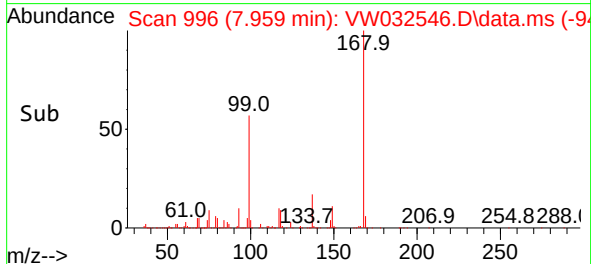
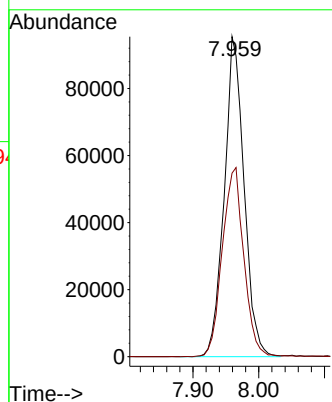
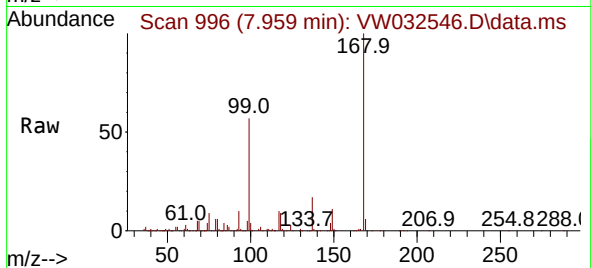




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

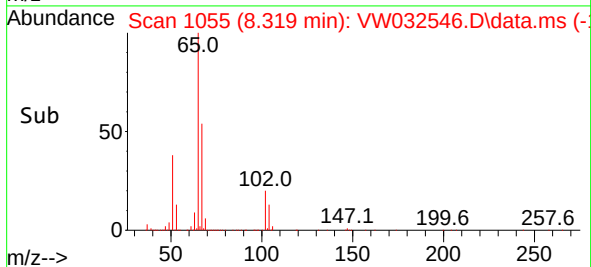
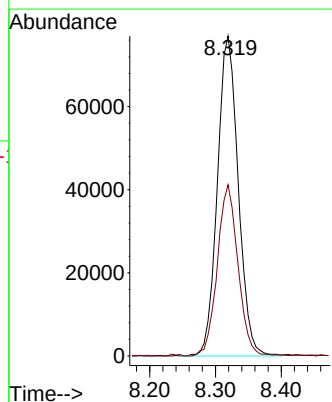
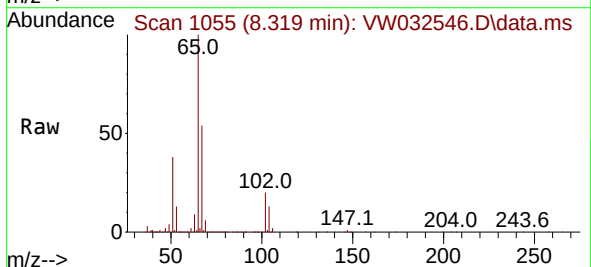
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

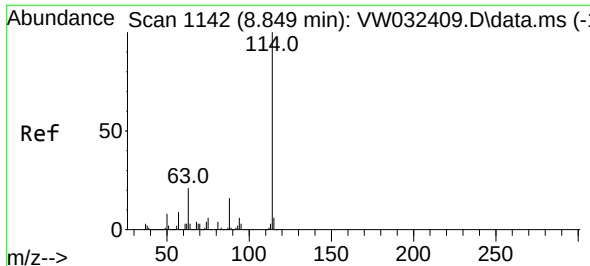
Tgt Ion:168 Resp: 200349
Ion Ratio Lower Upper
168 100
99 57.4 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 65.788 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

Tgt Ion: 65 Resp: 169930
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.8

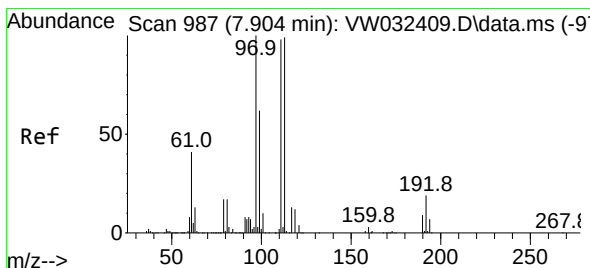
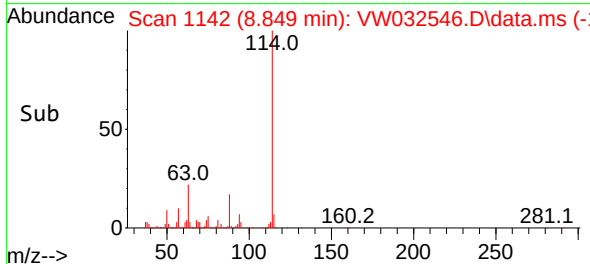
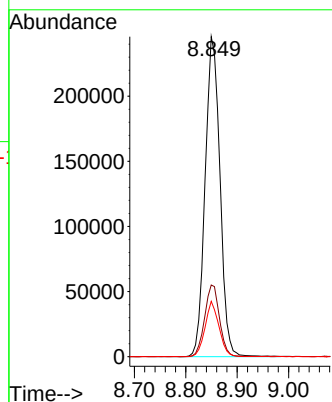
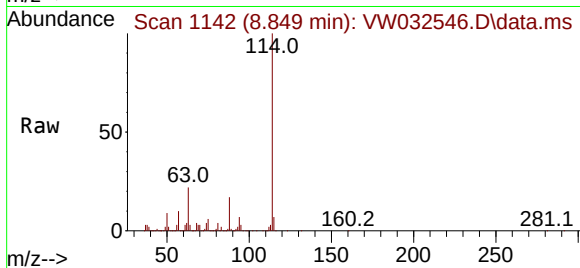




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

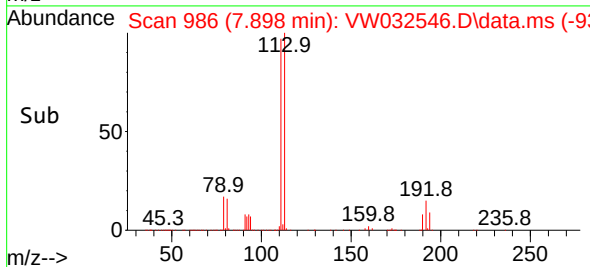
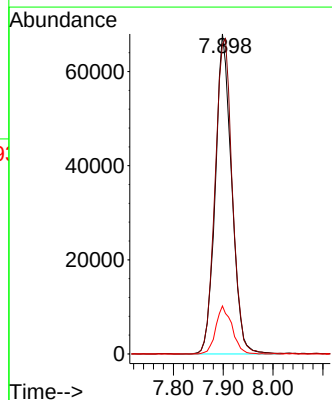
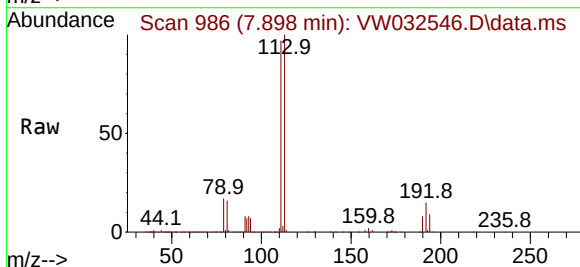
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

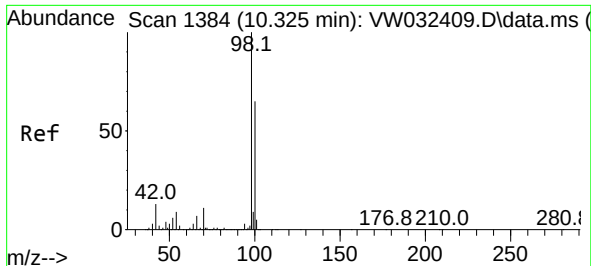
Tgt Ion:	114	Resp:	492902
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.8
88	17.3	0.0	32.6



#35
Dibromofluoromethane
Concen: 52.391 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

Tgt Ion:	113	Resp:	154613
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.1	124.7
192	14.9	13.4	20.2

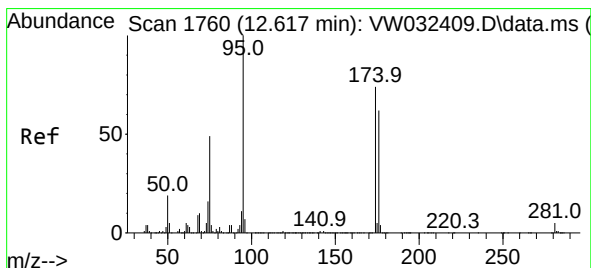
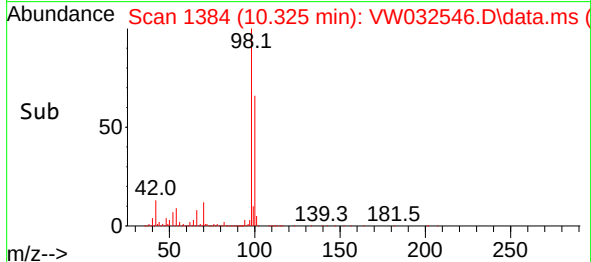
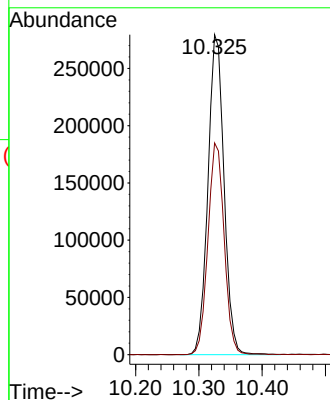
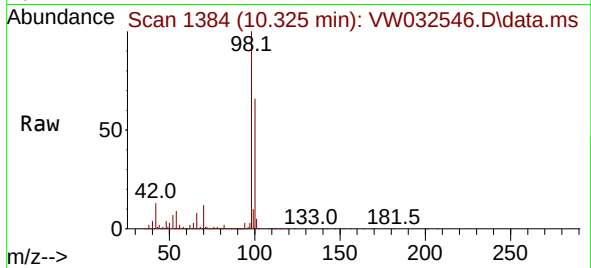




#50
Toluene-d8
Concen: 43.736 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

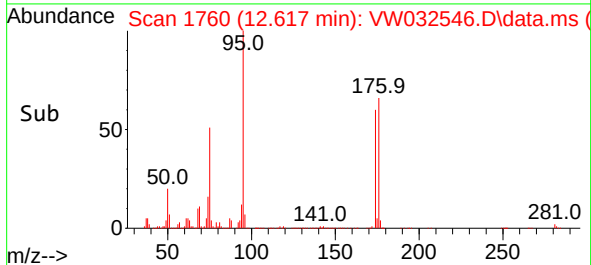
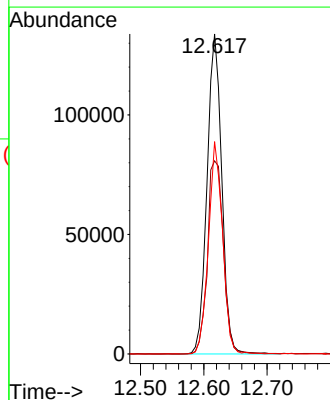
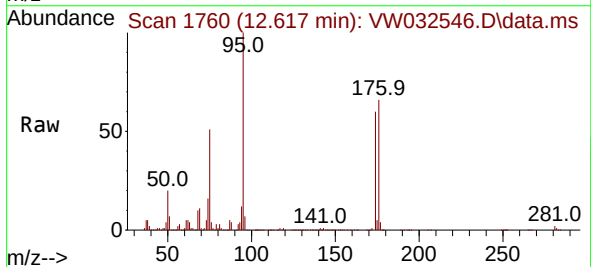
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

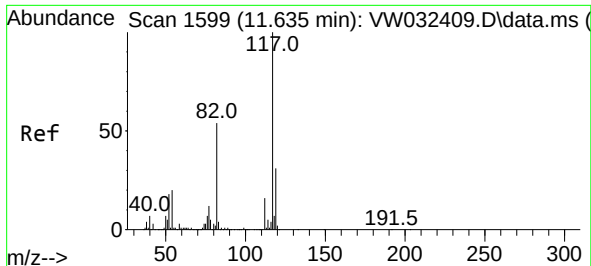
Tgt Ion: 98 Resp: 495162
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

Tgt Ion: 95 Resp: 216969
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.4
176 63.9 0.0 131.8

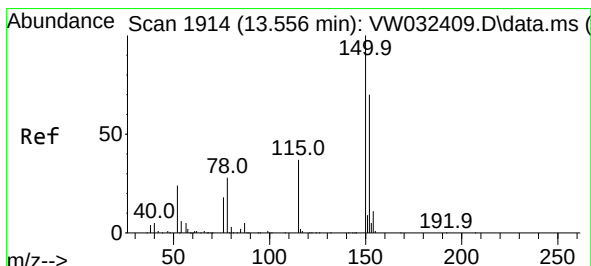
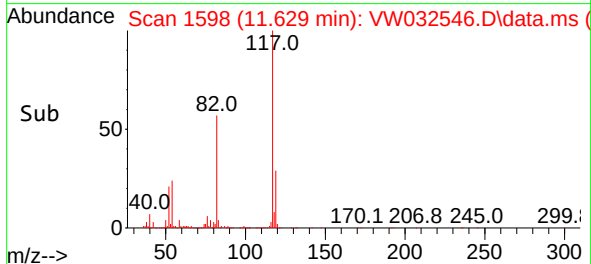
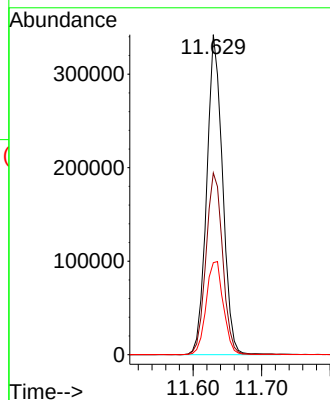
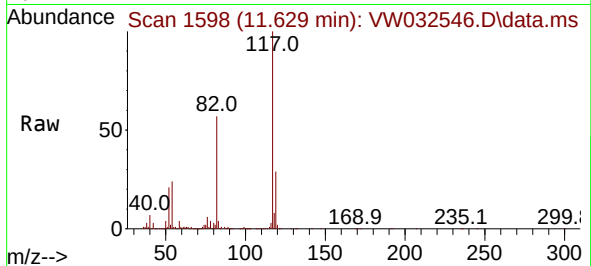




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

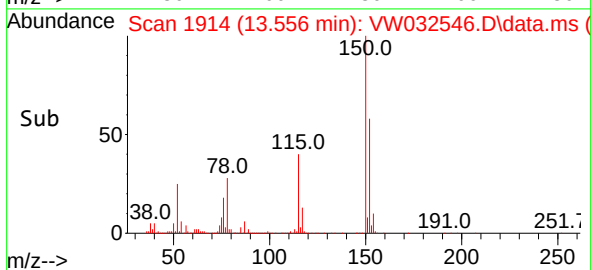
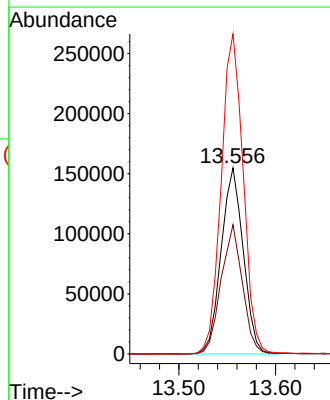
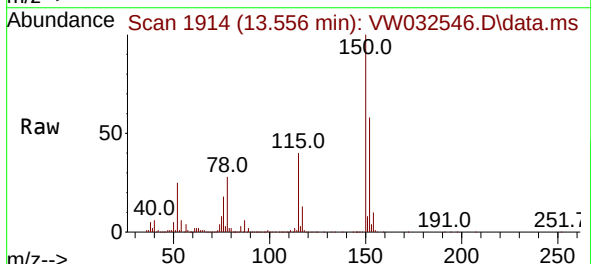
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

Tgt Ion:117 Resp: 550426
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 28.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032546.D
Acq: 26 Nov 2025 16:04

Tgt Ion:152 Resp: 245674
Ion Ratio Lower Upper
152 100
115 67.5 32.8 98.3
150 171.6 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032546.D
Acq On : 26 Nov 2025 16:04
Operator : SY/MD
Sample : Q3719-07
Misc : 3.36g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.966	494	505	512	rBV3	10532	37264	2.12%	0.402%
2	5.972	662	670	677	rBV5	11616	29388	1.67%	0.317%
3	7.167	854	866	876	rBV	40926	122455	6.96%	1.319%
4	7.898	972	986	991	rBV	212132	508760	28.91%	5.482%
5	7.959	991	996	1011	rVB	292310	654308	37.18%	7.050%
6	8.264	1036	1046	1049	rBV2	63298	139916	7.95%	1.508%
7	8.319	1049	1055	1066	rVB	211951	476176	27.06%	5.131%
8	8.849	1134	1142	1156	rBV	602730	1204934	68.48%	12.983%
9	10.325	1375	1384	1393	rBV	757250	1355348	77.02%	14.604%
10	10.703	1439	1446	1454	rVB	52167	100281	5.70%	1.081%
11	11.062	1500	1505	1513	rBV	58806	101574	5.77%	1.094%
12	11.434	1558	1566	1573	rVB4	12980	26735	1.52%	0.288%
13	11.629	1591	1598	1609	rBV	1058903	1759635	100.00%	18.960%
14	12.617	1751	1760	1772	rBV	621631	1050513	59.70%	11.319%
15	12.928	1804	1811	1817	rBV3	14089	28333	1.61%	0.305%
16	13.556	1907	1914	1927	rBV	1055259	1685342	95.78%	18.159%

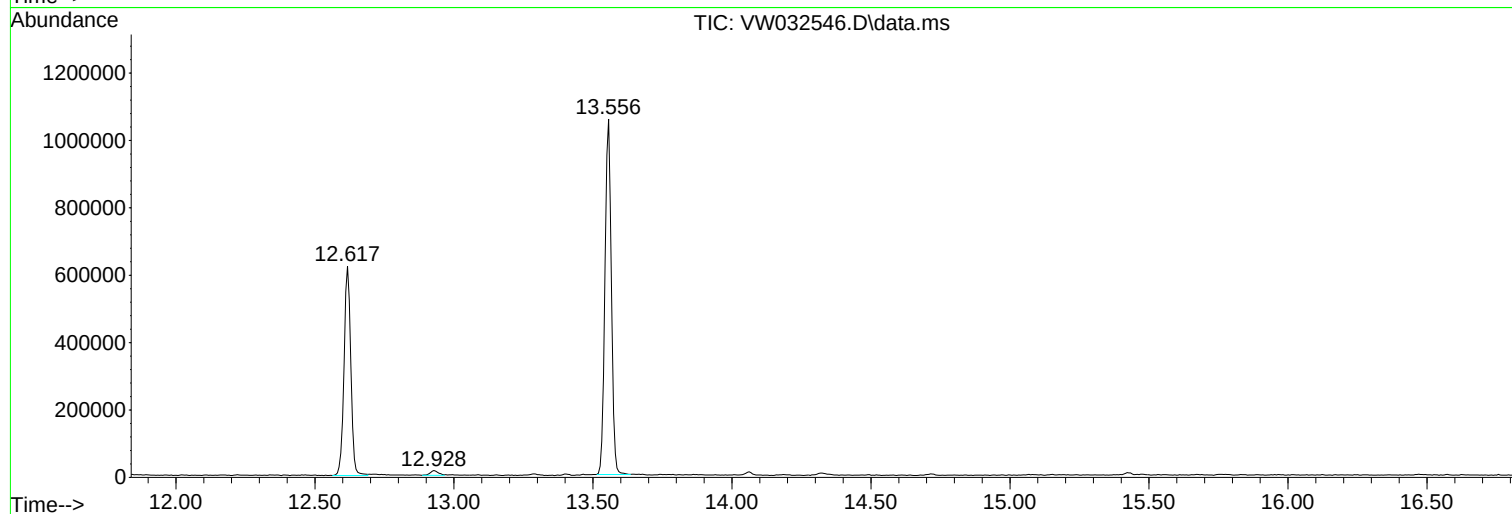
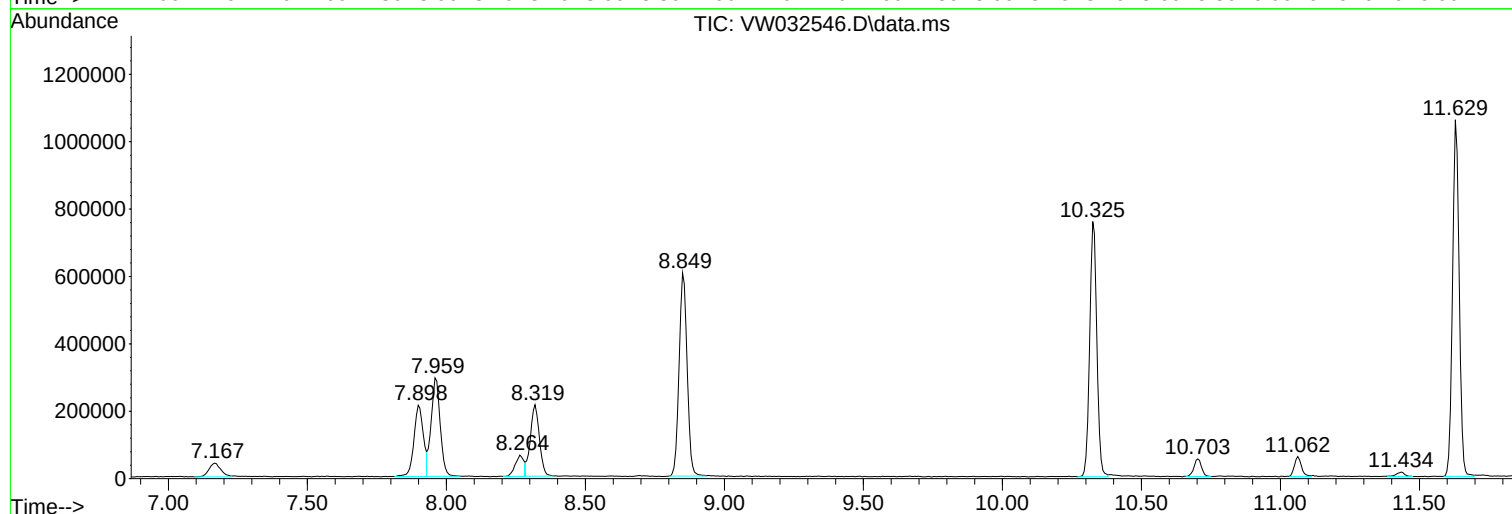
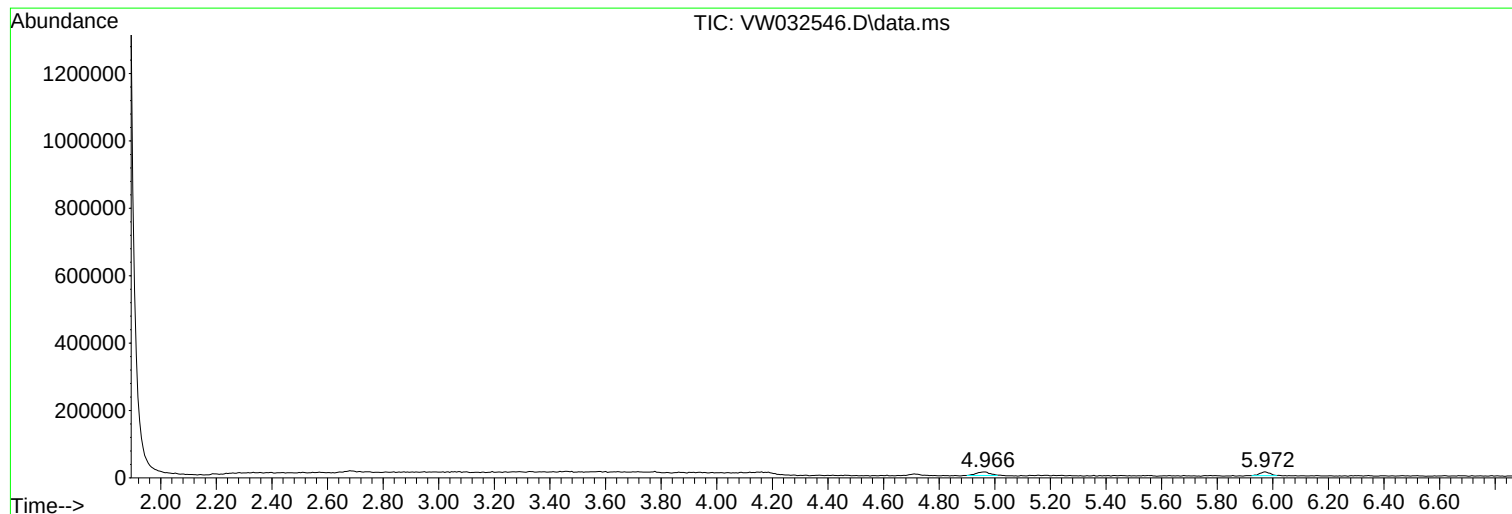
Sum of corrected areas: 9280962

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032546.D
Acq On : 26 Nov 2025 16:04
Operator : SY/MD
Sample : Q3719-07
Misc : 3.36g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032546.D
Acq On : 26 Nov 2025 16:04
Operator : SY/MD
Sample : Q3719-07
Misc : 3.36g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032546.D
Acq On : 26 Nov 2025 16:04
Operator : SY/MD
Sample : Q3719-07
Misc : 3.36g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032547.D
 Acq On : 26 Nov 2025 16:27
 Operator : SY/MD
 Sample : Q3719-08
 Misc : 3.72g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-14B

Quant Time: Nov 27 00:29:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	191327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	462395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	513156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	246111	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	171946	69.708	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 139.420%	
35) Dibromofluoromethane	7.904	113	152930	55.240	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 110.480%	
50) Toluene-d8	10.325	98	500524	47.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.617	95	222080	55.352	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 110.700%	

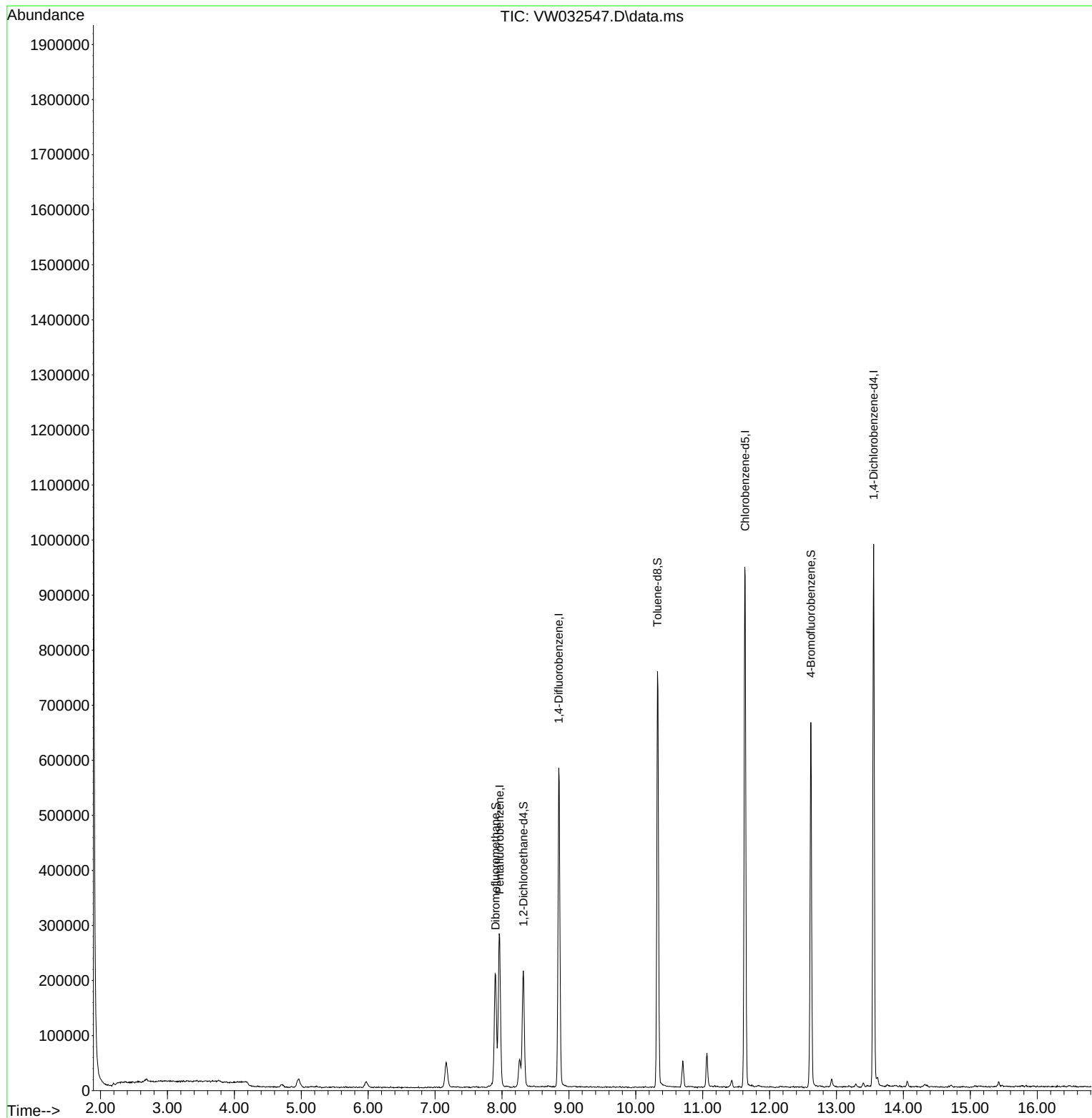
Target Compounds Qvalue

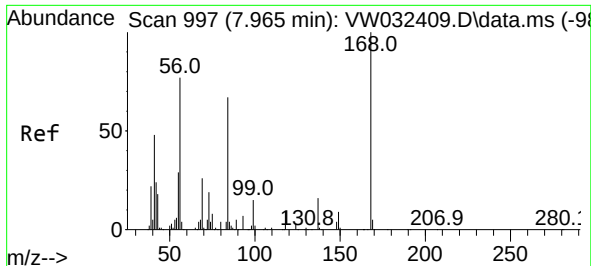
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032547.D
Acq On : 26 Nov 2025 16:27
Operator : SY/MD
Sample : Q3719-08
Misc : 3.72g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

Quant Time: Nov 27 00:29:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

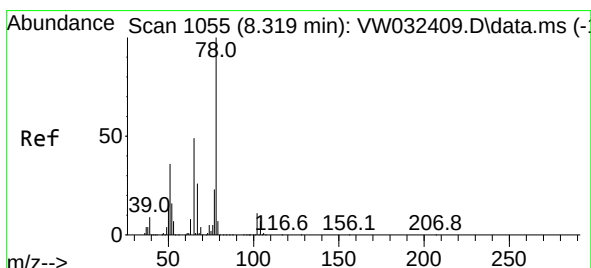
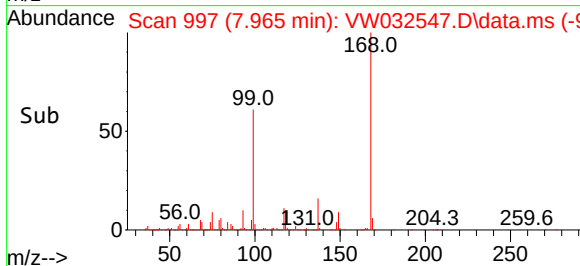
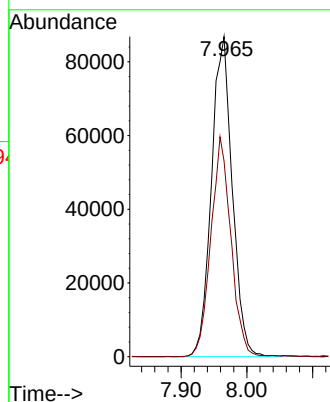
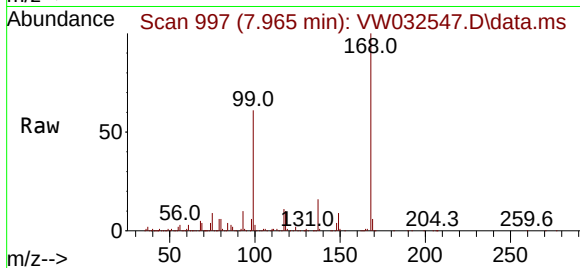




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

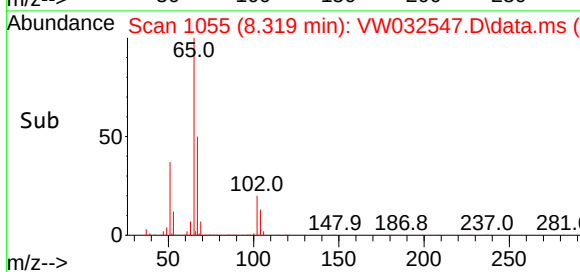
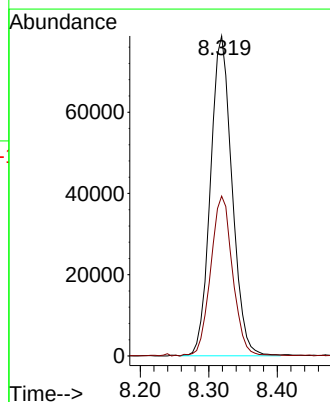
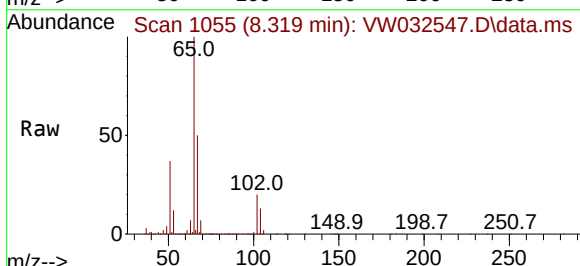
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

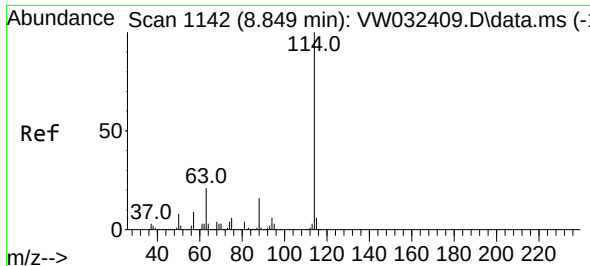
Tgt Ion:168 Resp: 191327
Ion Ratio Lower Upper
168 100
99 61.1 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 69.708 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

Tgt Ion: 65 Resp: 171946
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.8

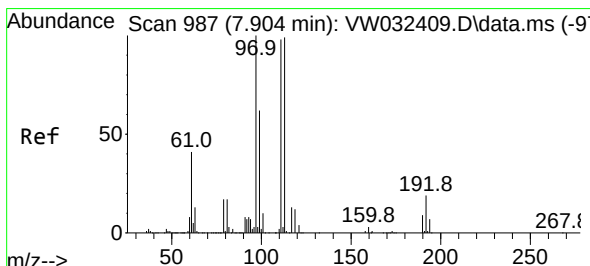
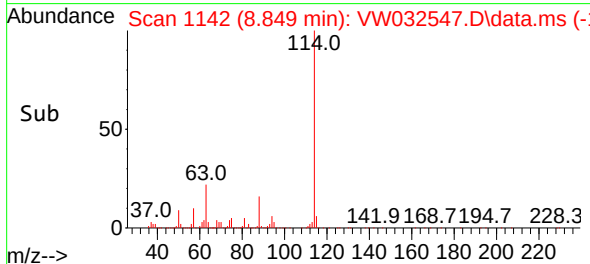
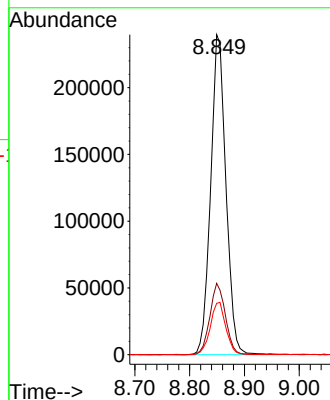
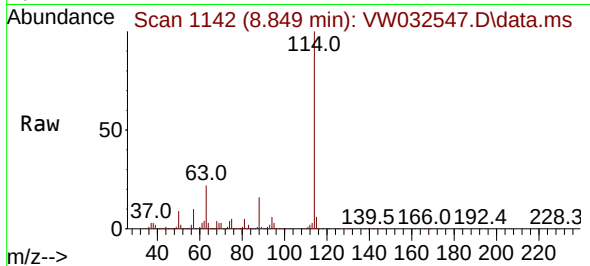




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

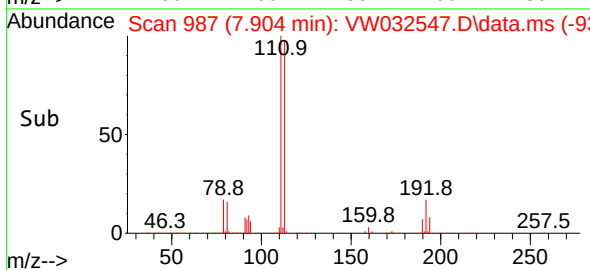
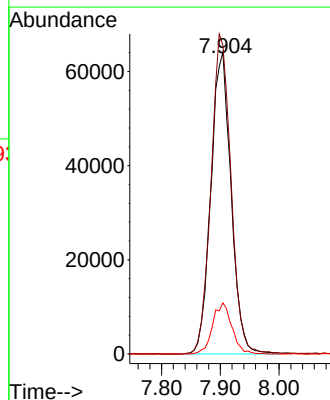
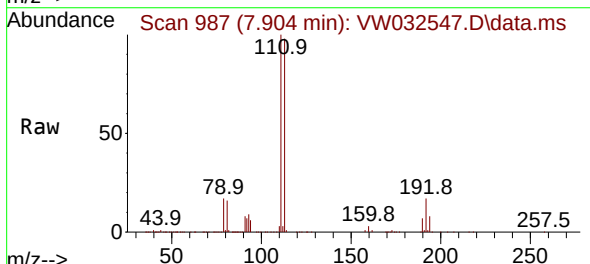
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

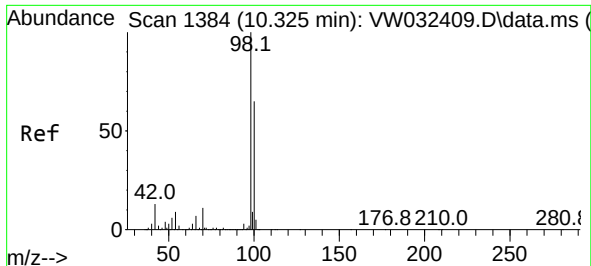
Tgt Ion:	114	Resp:	462395
Ion Ratio	Lower	Upper	
114	100		
63	22.3	0.0	41.8
88	16.1	0.0	32.6



#35
Dibromofluoromethane
Concen: 55.240 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

Tgt Ion:	113	Resp:	152930
Ion Ratio	Lower	Upper	
113	100		
111	104.8	83.1	124.7
192	16.1	13.4	20.2

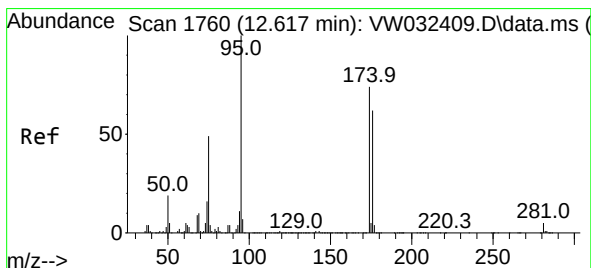
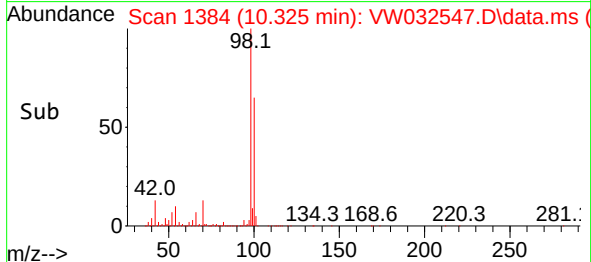
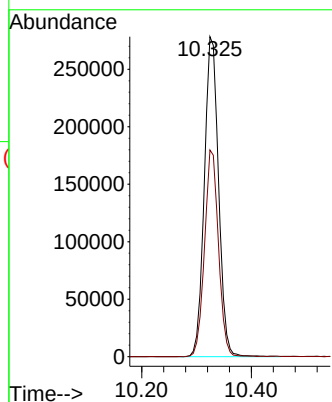
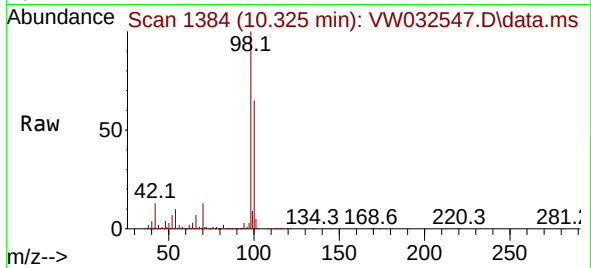




#50
Toluene-d8
Concen: 47.127 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

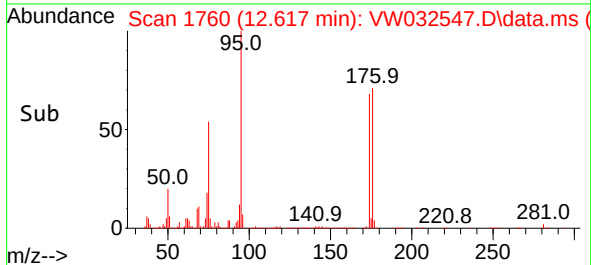
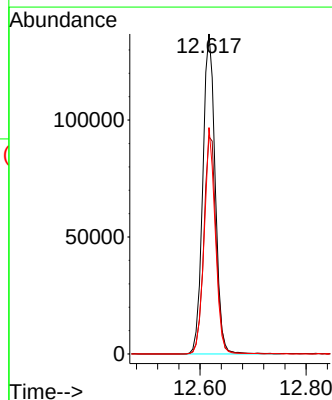
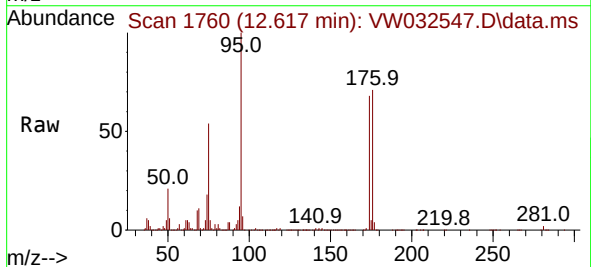
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

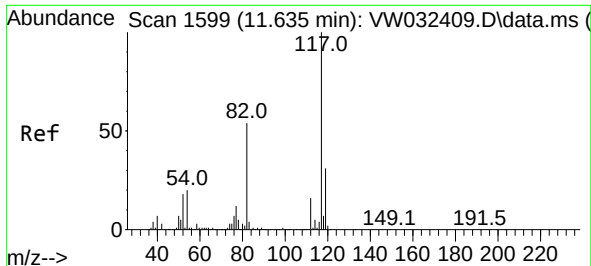
Tgt Ion: 98 Resp: 500524
Ion Ratio Lower Upper
98 100
100 63.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.352 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

Tgt Ion: 95 Resp: 222080
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.4
176 63.4 0.0 131.8

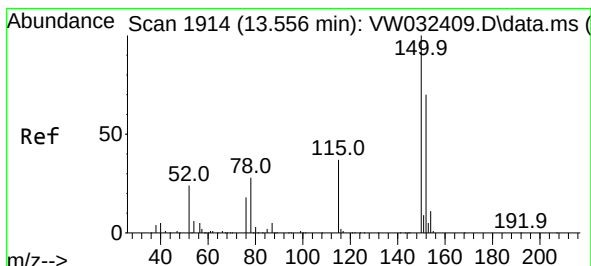
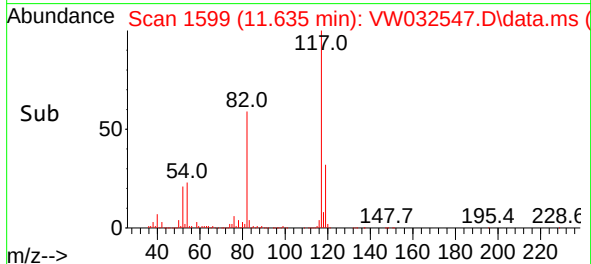
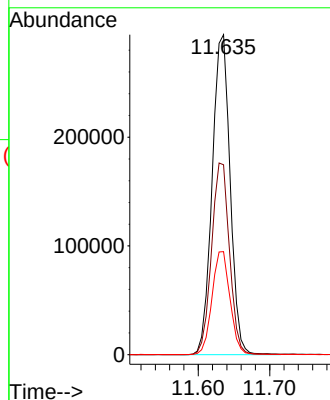
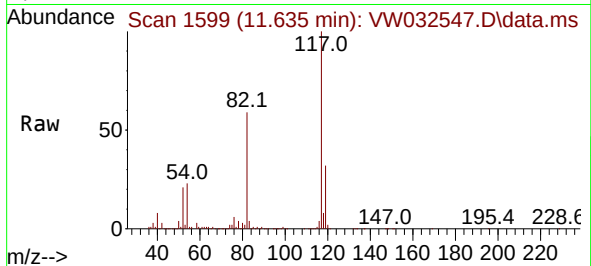




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

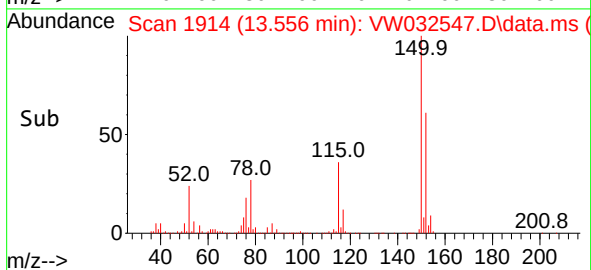
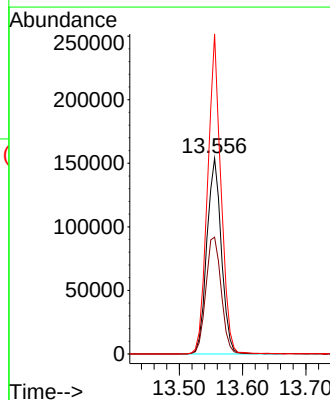
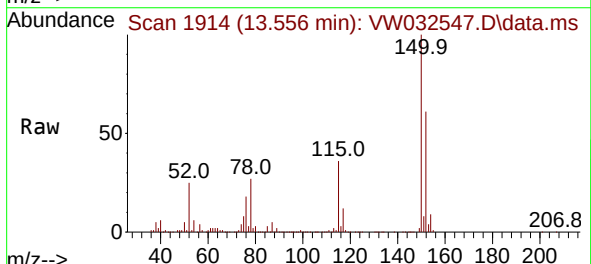
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

Tgt Ion:	117	Resp:	513156
Ion Ratio	Lower	Upper	
117	100		
82	59.4	43.0	64.4
119	32.2	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032547.D
Acq: 26 Nov 2025 16:27

Tgt Ion:	152	Resp:	246111
Ion Ratio	Lower	Upper	
152	100		
115	63.0	32.8	98.3
150	150.8	0.0	356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032547.D
Acq On : 26 Nov 2025 16:27
Operator : SY/MD
Sample : Q3719-08
Misc : 3.72g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Title : SW846 8260

Signal : TIC: VW032547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.960	493	504	518	rVB3	15652	56081	3.38%	0.623%
2	5.972	660	670	681	rBV4	10766	34111	2.06%	0.379%
3	7.167	851	866	879	rBV2	46053	139409	8.41%	1.548%
4	7.898	979	986	991	rBV2	200168	471688	28.46%	5.238%
5	7.959	991	996	1009	rVB2	278147	631769	38.12%	7.016%
6	8.264	1034	1046	1049	rBV	50697	119714	7.22%	1.330%
7	8.319	1049	1055	1066	rVB	210013	472725	28.53%	5.250%
8	8.849	1131	1142	1155	rBV	579822	1151263	69.47%	12.786%
9	10.325	1376	1384	1392	rBV	755711	1345709	81.20%	14.945%
10	10.703	1440	1446	1452	rBV2	47961	87697	5.29%	0.974%
11	11.062	1494	1505	1514	rBV2	62392	115205	6.95%	1.279%
12	11.434	1557	1566	1572	rVB4	12838	26919	1.62%	0.299%
13	11.629	1589	1598	1608	rBV	945481	1657222	100.00%	18.405%
14	12.617	1749	1760	1772	rBV	663326	1084300	65.43%	12.042%
15	12.928	1805	1811	1820	rBV4	13930	27063	1.63%	0.301%
16	13.556	1907	1914	1921	rBV	984765	1565203	94.45%	17.383%
17	14.056	1991	1996	2003	rBV	10425	18219	1.10%	0.202%

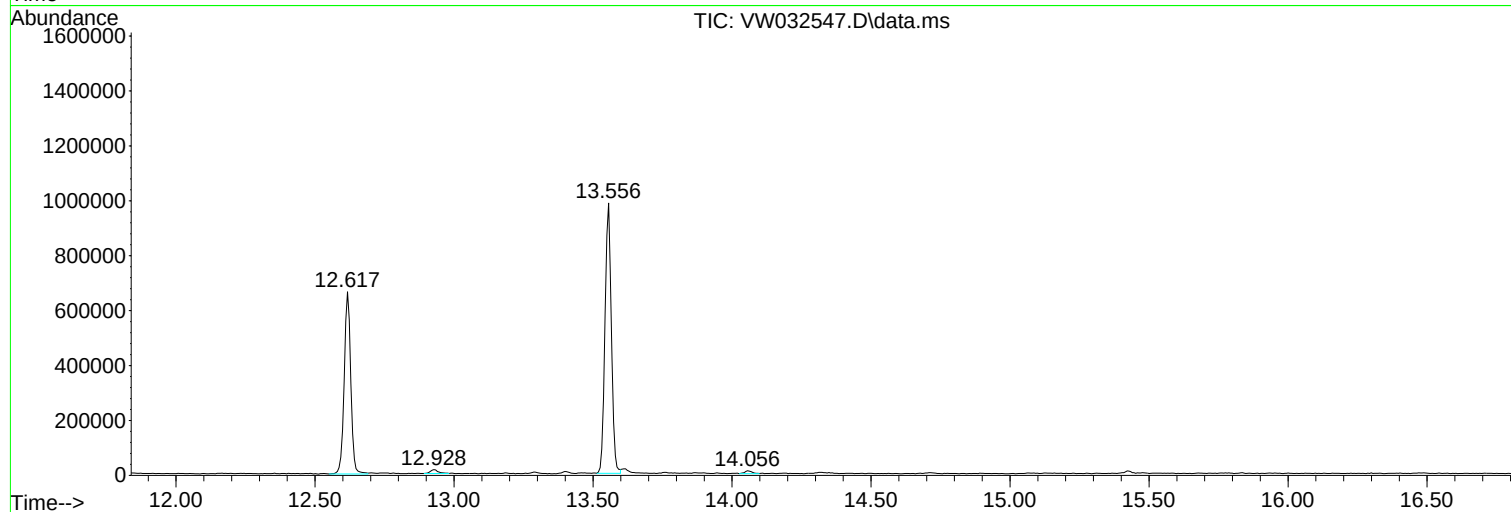
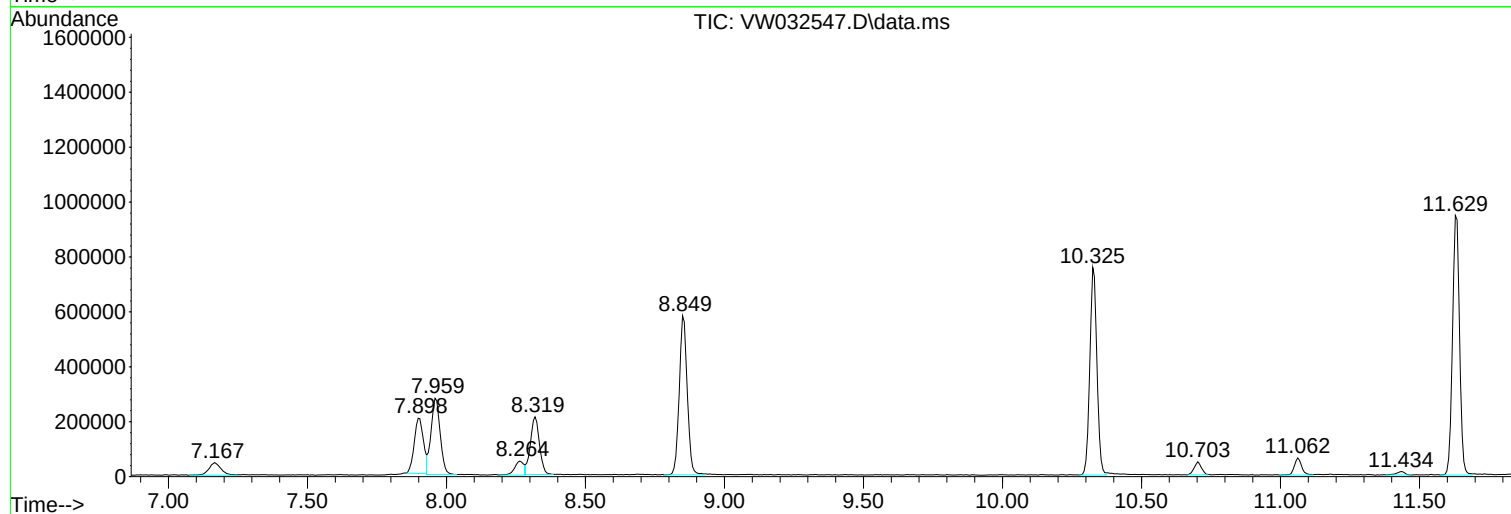
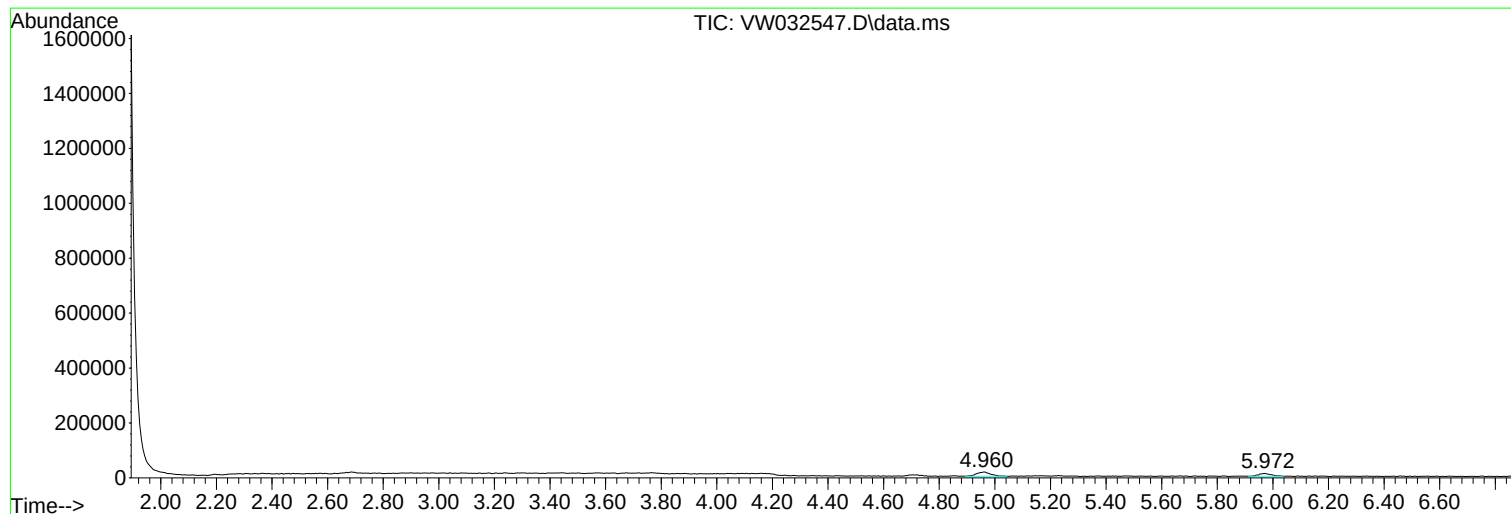
Sum of corrected areas: 9004297

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032547.D
Acq On : 26 Nov 2025 16:27
Operator : SY/MD
Sample : Q3719-08
Misc : 3.72g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032547.D
Acq On : 26 Nov 2025 16:27
Operator : SY/MD
Sample : Q3719-08
Misc : 3.72g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

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D

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H

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J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032547.D
Acq On : 26 Nov 2025 16:27
Operator : SY/MD
Sample : Q3719-08
Misc : 3.72g/5mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-14B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032548.D
 Acq On : 26 Nov 2025 16:49
 Operator : SY/MD
 Sample : Q3719-09
 Misc : 5.15g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-15A

Quant Time: Nov 27 00:30:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	176099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	446493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	510140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	256049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168859	74.376	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	148.760%
35) Dibromofluoromethane	7.904	113	145972	54.604	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	109.200%
50) Toluene-d8	10.331	98	479275	46.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.460%
62) 4-Bromofluorobenzene	12.617	95	217802	56.220	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	112.440%

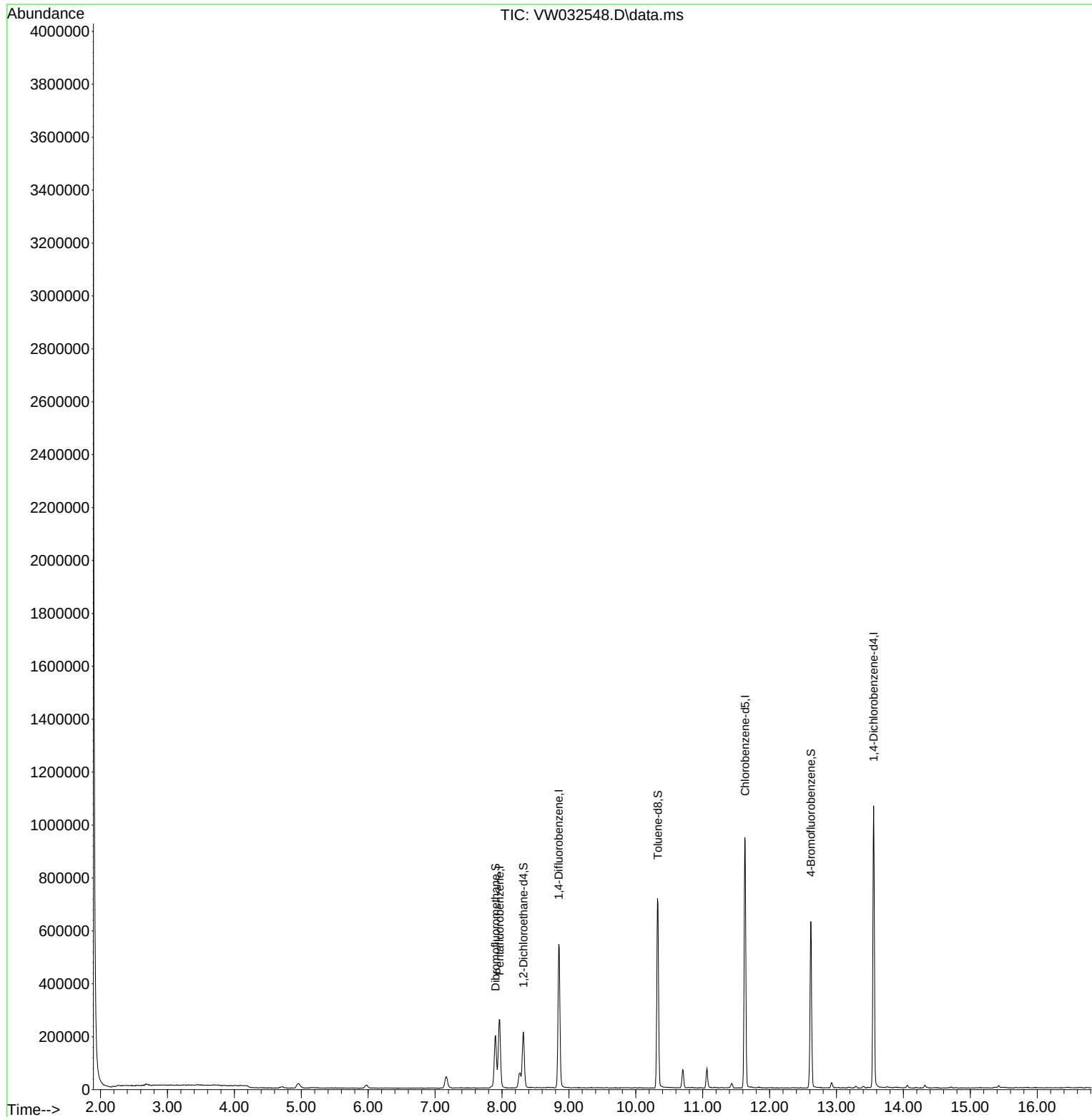
Target Compounds	Qvalue

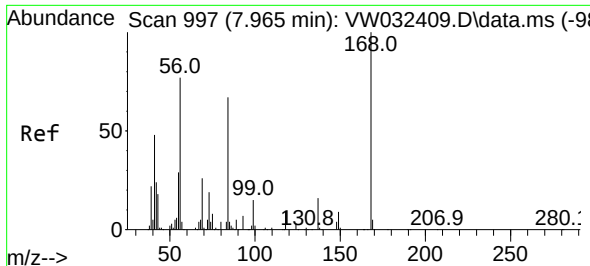
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032548.D
Acq On : 26 Nov 2025 16:49
Operator : SY/MD
Sample : Q3719-09
Misc : 5.15g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

Quant Time: Nov 27 00:30:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

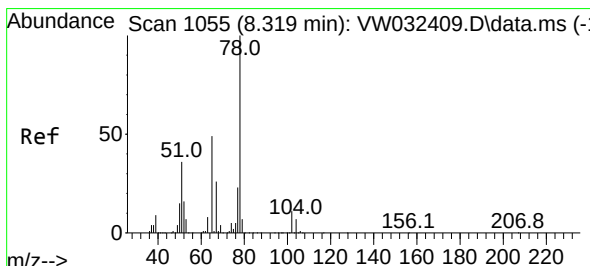
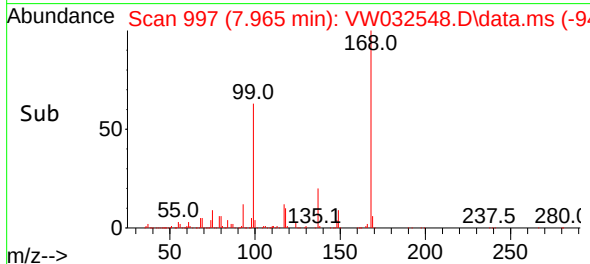
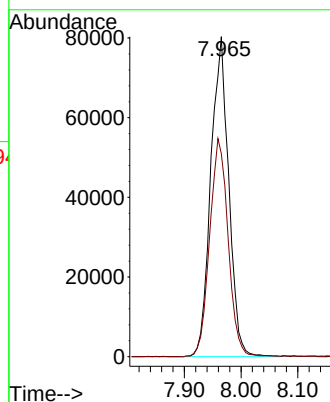
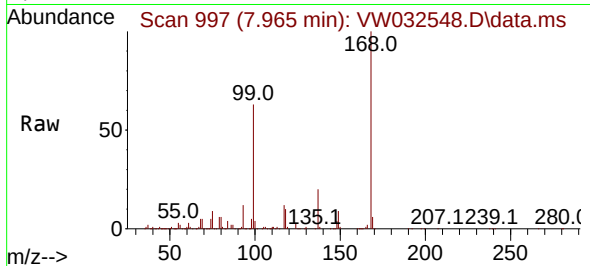




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

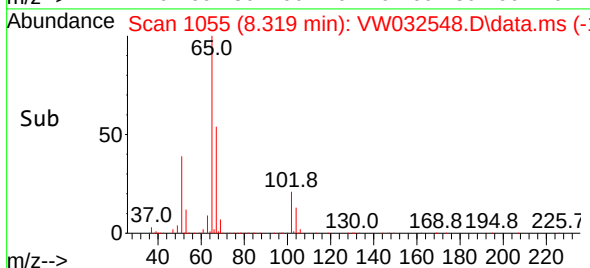
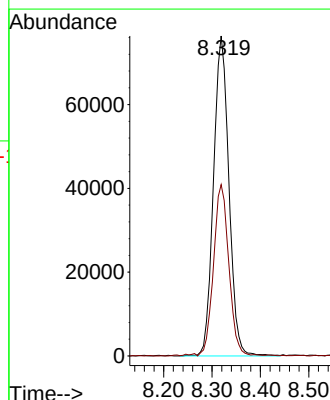
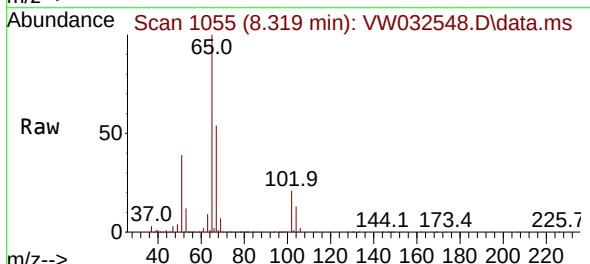
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

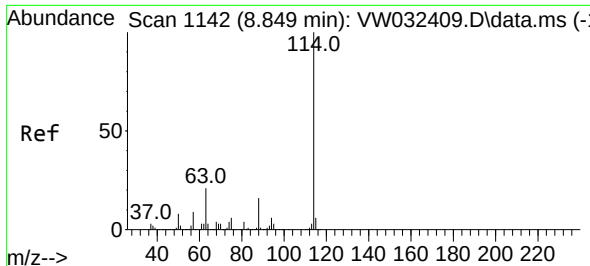
Tgt Ion:168 Resp: 176099
Ion Ratio Lower Upper
168 100
99 63.4 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 74.376 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

Tgt Ion: 65 Resp: 168859
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.8

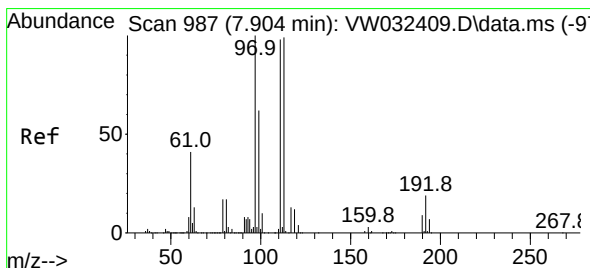
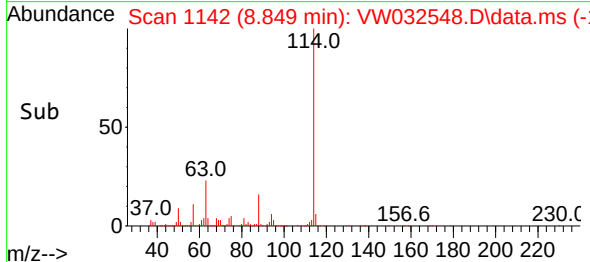
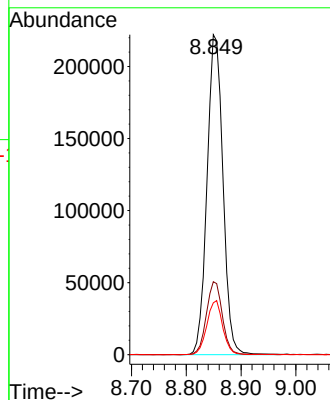
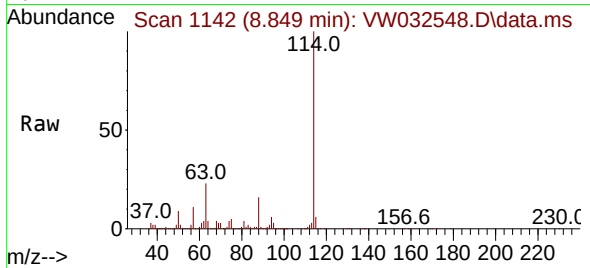




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

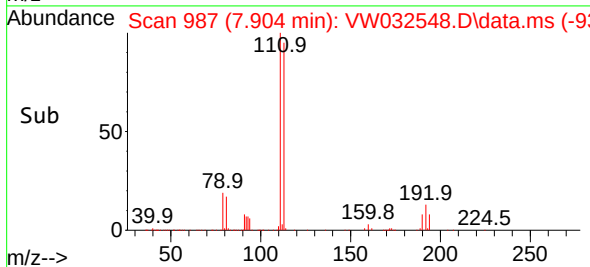
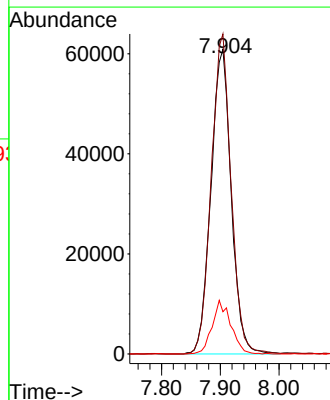
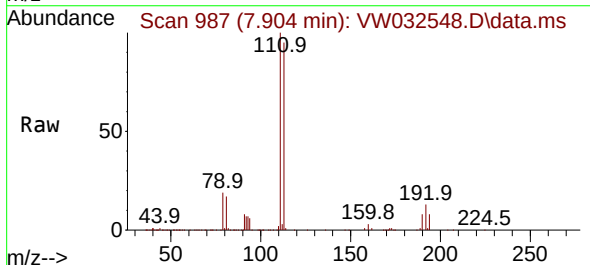
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

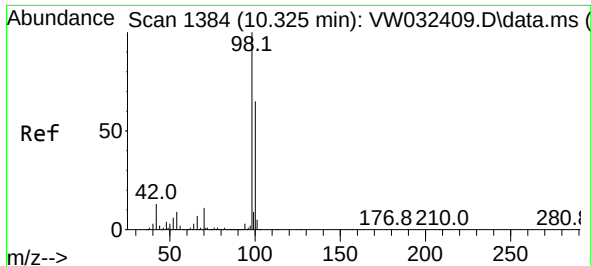
Tgt Ion:	114	Resp:	446493
Ion Ratio	Lower	Upper	
114	100		
63	22.7	0.0	41.8
88	16.2	0.0	32.6



#35
Dibromofluoromethane
Concen: 54.604 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

Tgt Ion:	113	Resp:	145972
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.1	124.7
192	16.2	13.4	20.2

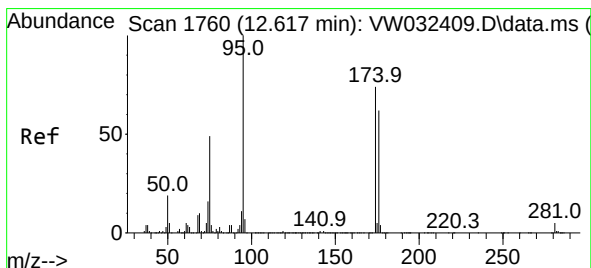
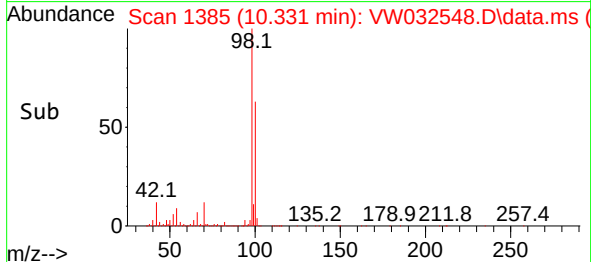
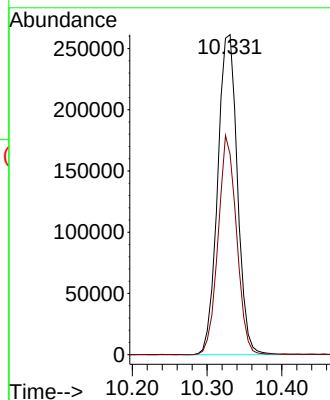
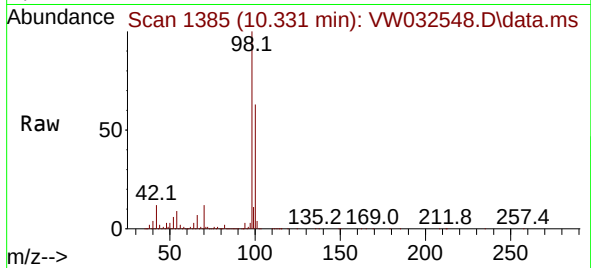




#50
Toluene-d8
Concen: 46.733 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

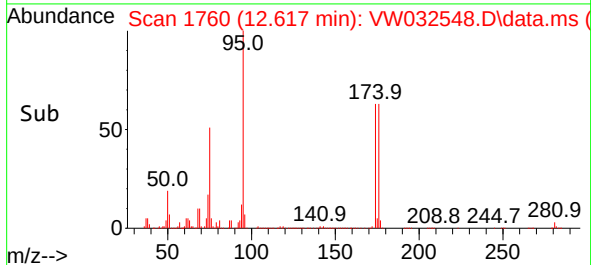
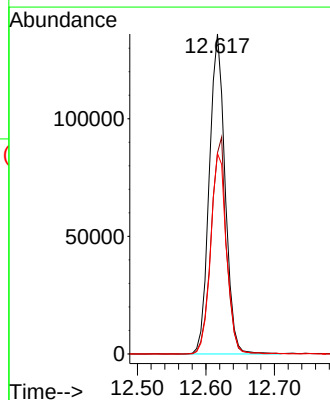
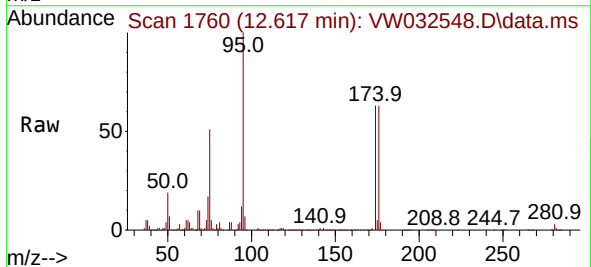
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

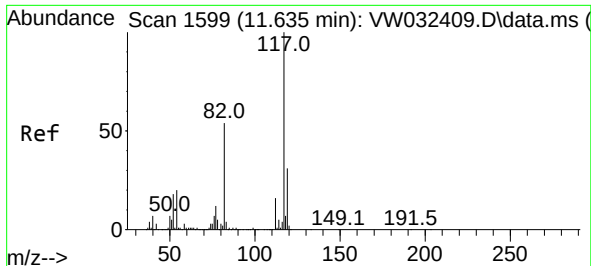
Tgt Ion: 98 Resp: 479275
Ion Ratio Lower Upper
98 100
100 64.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 56.220 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

Tgt Ion: 95 Resp: 217802
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.4
176 62.9 0.0 131.8

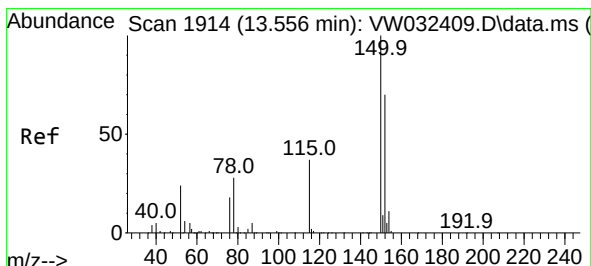
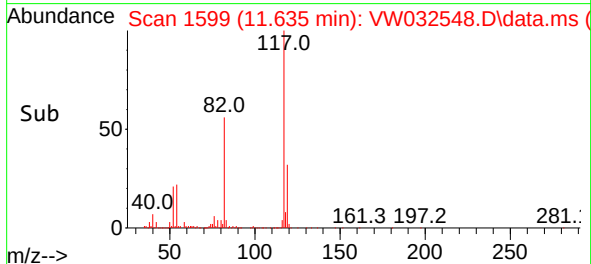
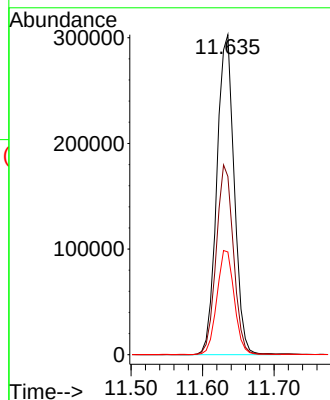
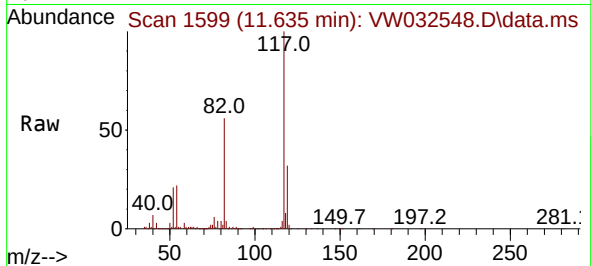




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

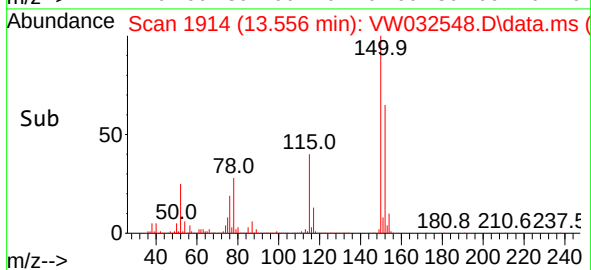
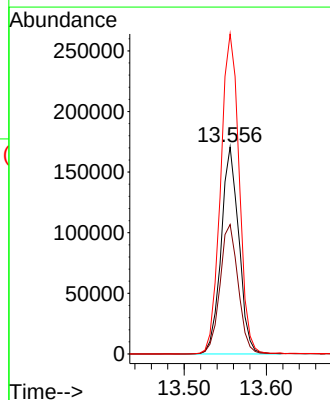
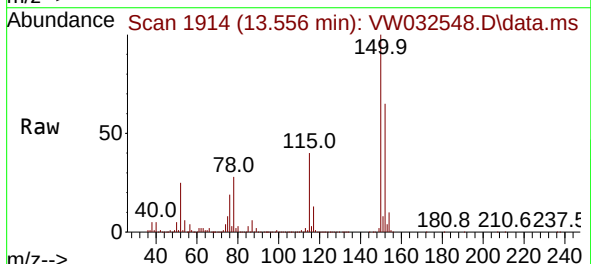
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

Tgt Ion:117 Resp: 510140
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032548.D
Acq: 26 Nov 2025 16:49

Tgt Ion:152 Resp: 256049
Ion Ratio Lower Upper
152 100
115 64.4 32.8 98.3
150 162.1 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032548.D
 Acq On : 26 Nov 2025 16:49
 Operator : SY/MD
 Sample : Q3719-09
 Misc : 5.15g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-15A

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Title : SW846 8260

Signal : TIC: VW032548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.960	493	504	515	rBV2	17629	65012	3.87%	0.720%
2	7.167	856	866	881	rVB2	43182	132520	7.89%	1.467%
3	7.904	969	987	991	rBV	198210	489568	29.16%	5.419%
4	7.959	991	996	1010	rVB	257294	603704	35.96%	6.682%
5	8.270	1036	1047	1049	rBV2	55755	137503	8.19%	1.522%
6	8.319	1049	1055	1068	rVB	210134	479115	28.54%	5.303%
7	8.849	1133	1142	1157	rBV	543393	1110808	66.16%	12.295%
8	10.325	1376	1384	1399	rBV	717647	1311455	78.11%	14.515%
9	10.703	1439	1446	1453	rVB2	68358	128121	7.63%	1.418%
10	11.062	1498	1505	1512	rBV2	74821	131748	7.85%	1.458%
11	11.434	1561	1566	1572	rVB3	17416	33656	2.00%	0.373%
12	11.629	1591	1598	1607	rBV	947071	1633171	97.27%	18.076%
13	12.617	1752	1760	1769	rBV2	629209	1059993	63.13%	11.732%
14	12.928	1805	1811	1817	rBV2	20601	39558	2.36%	0.438%
15	13.556	1906	1914	1929	rBV	1064873	1679022	100.00%	18.584%

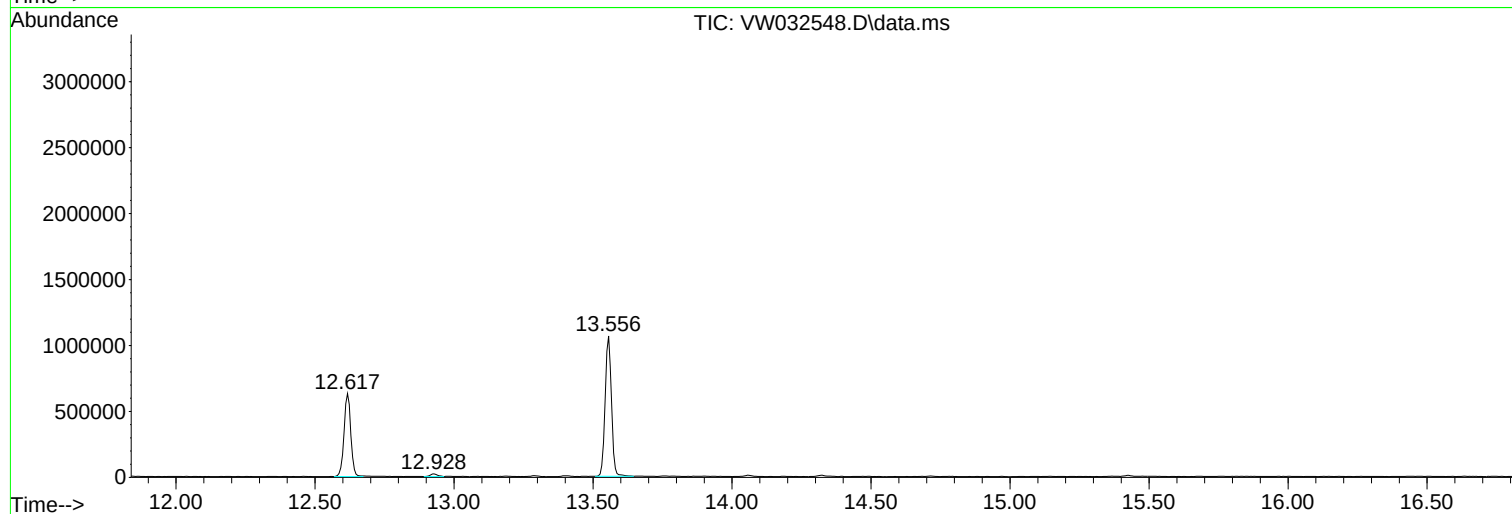
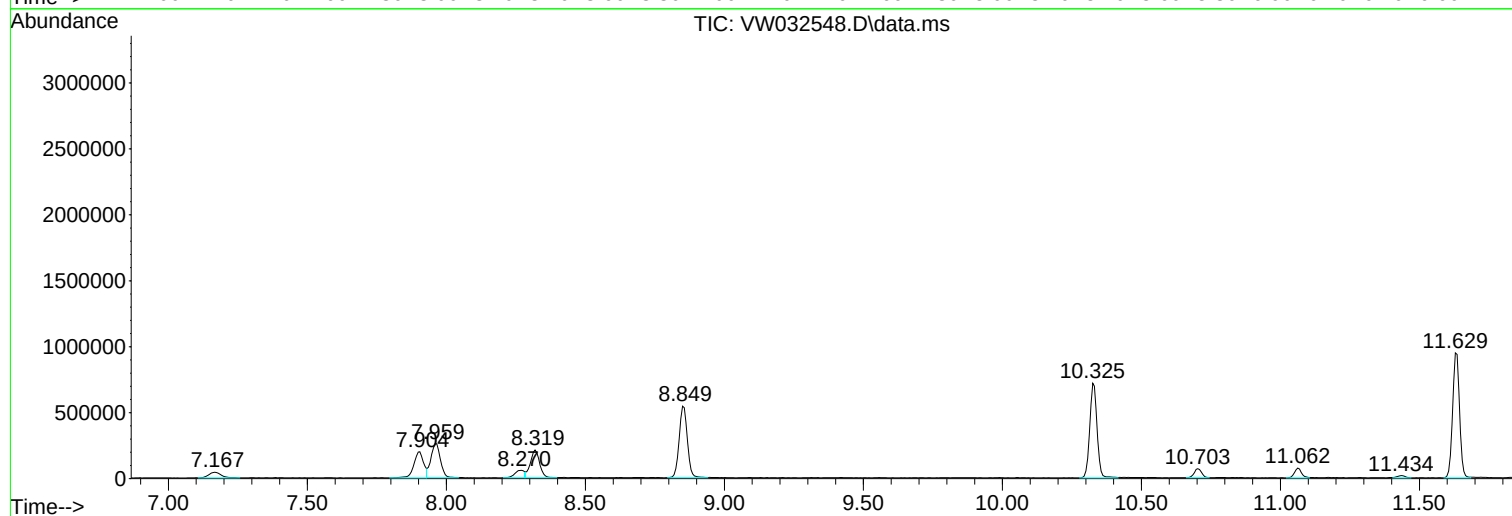
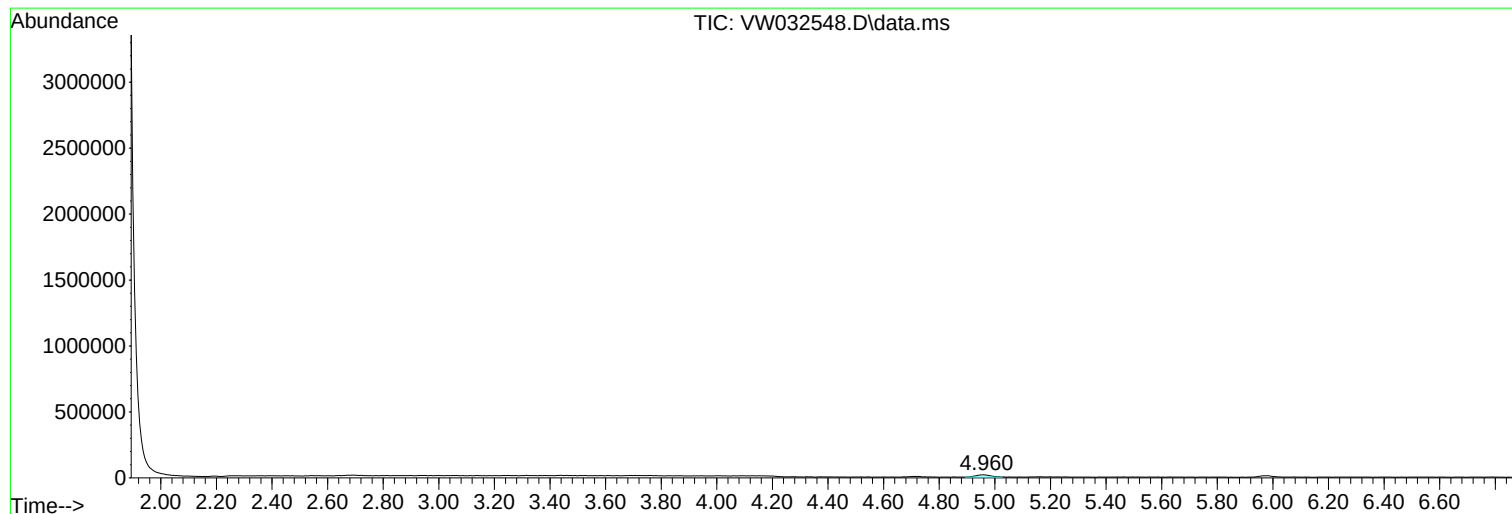
Sum of corrected areas: 9034954

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032548.D
Acq On : 26 Nov 2025 16:49
Operator : SY/MD
Sample : Q3719-09
Misc : 5.15g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032548.D
Acq On : 26 Nov 2025 16:49
Operator : SY/MD
Sample : Q3719-09
Misc : 5.15g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032548.D
Acq On : 26 Nov 2025 16:49
Operator : SY/MD
Sample : Q3719-09
Misc : 5.15g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023833.D
 Acq On : 01 Dec 2025 10:38
 Operator : SY/MD
 Sample : Q3719-09RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-15ARE

Quant Time: Dec 02 03:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	60762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	124548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	135409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	63239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	83291	140.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	281.520%#
35) Dibromofluoromethane	7.640	113	57051	77.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	154.640%#
50) Toluene-d8	10.109	98	147632	50.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.407	95	55849	57.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.840%

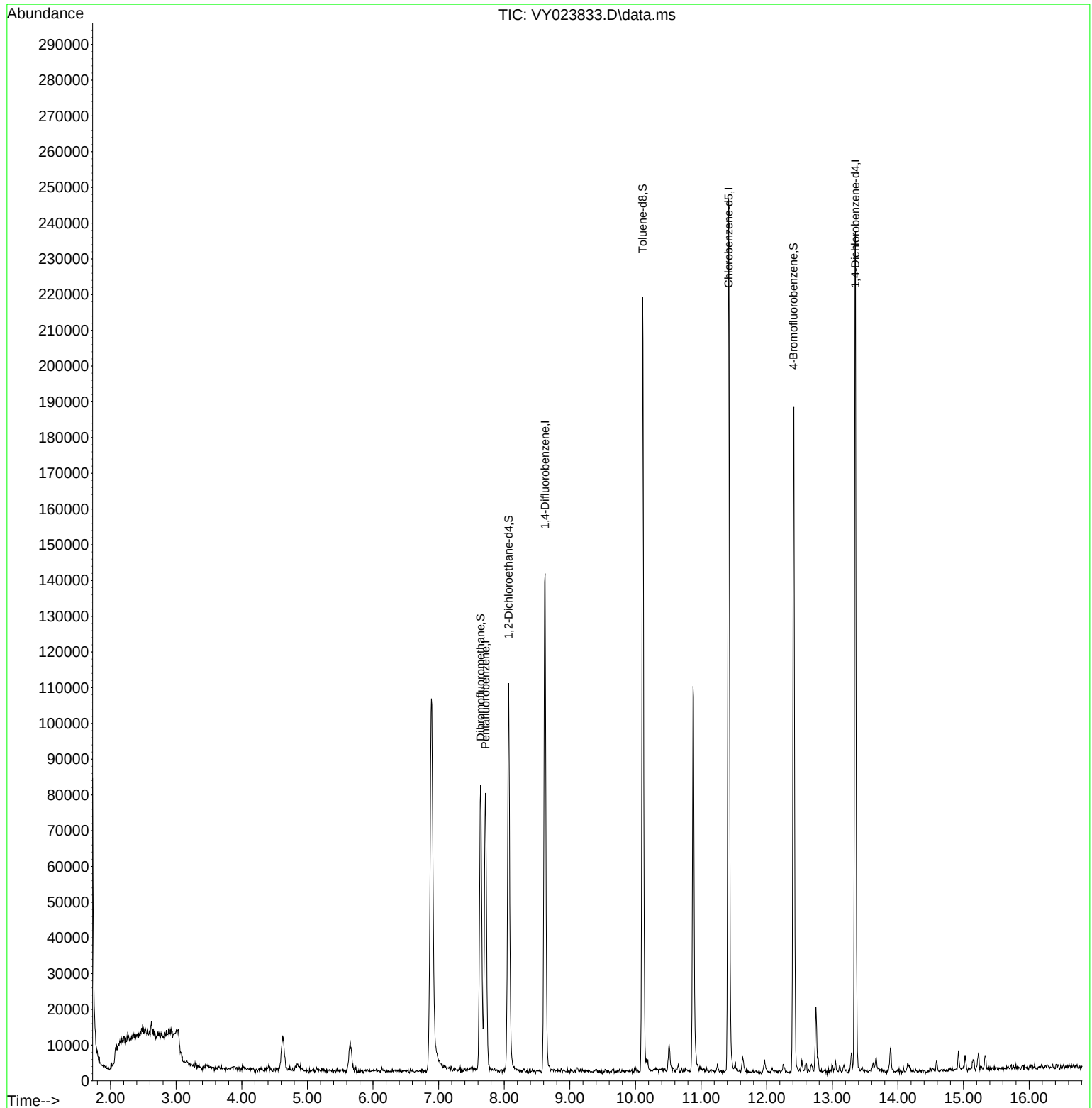
Target Compounds	Qvalue

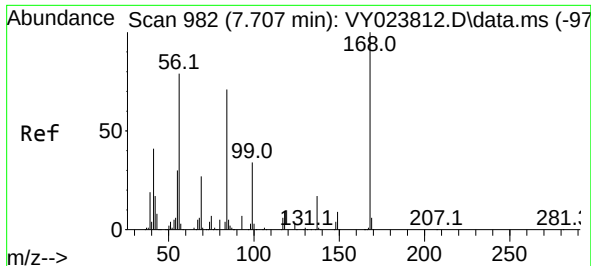
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023833.D
Acq On : 01 Dec 2025 10:38
Operator : SY/MD
Sample : Q3719-09RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-15ARE

Quant Time: Dec 02 03:14:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

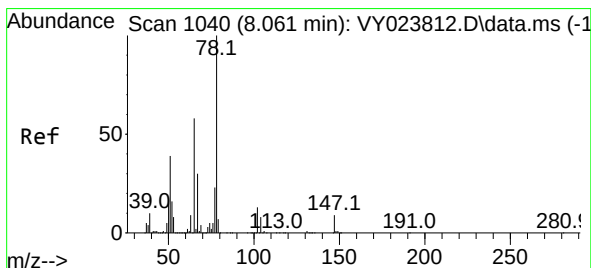
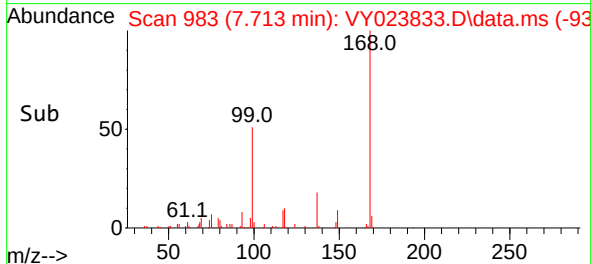
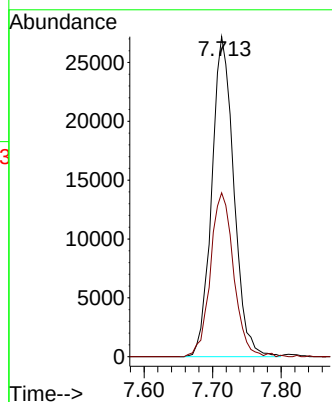
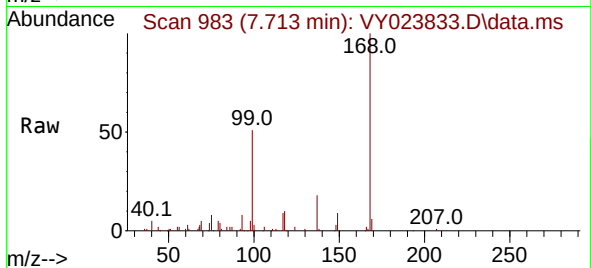




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

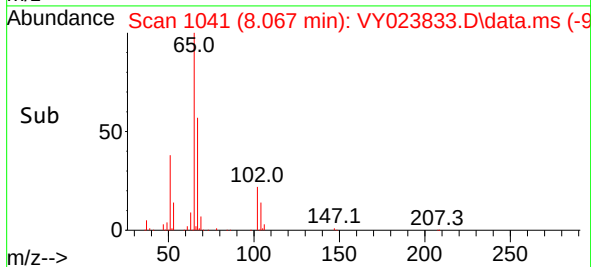
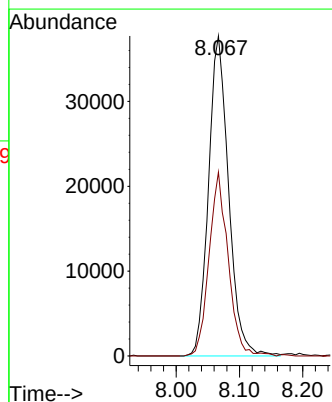
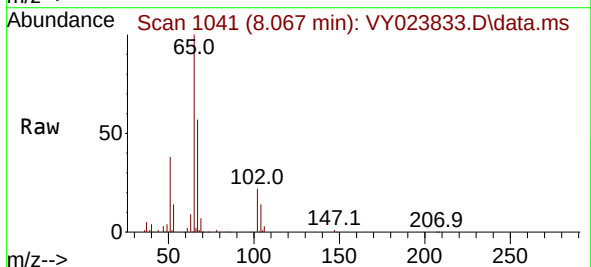
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-15ARE

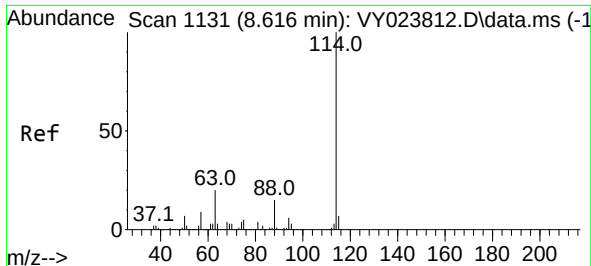
Tgt Ion:168 Resp: 60762
Ion Ratio Lower Upper
168 100
99 51.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 140.759 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

Tgt Ion: 65 Resp: 83291
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.4

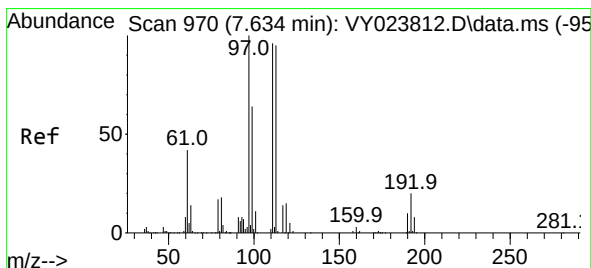
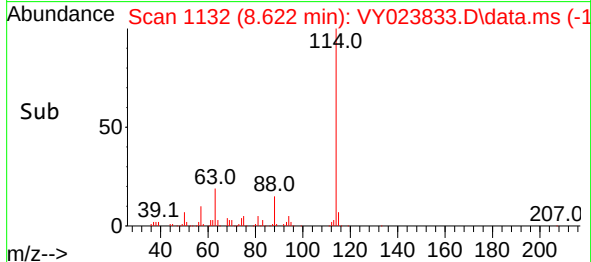
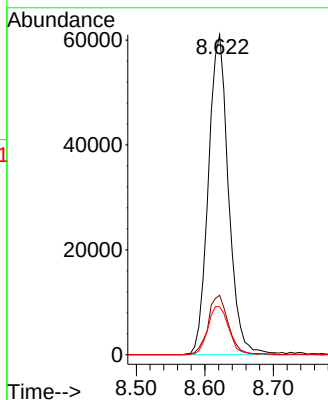
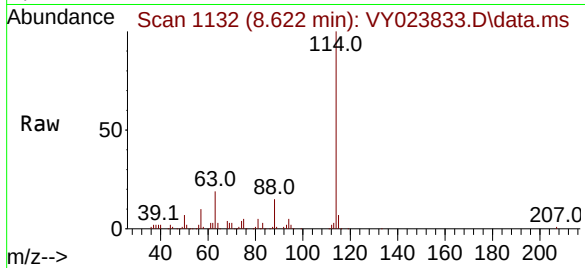




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

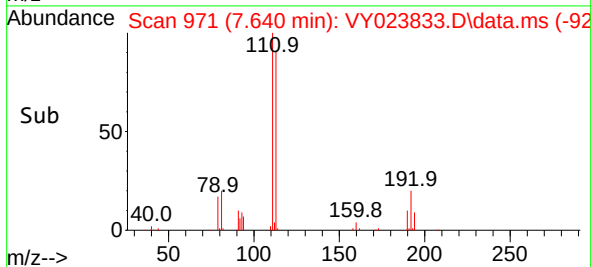
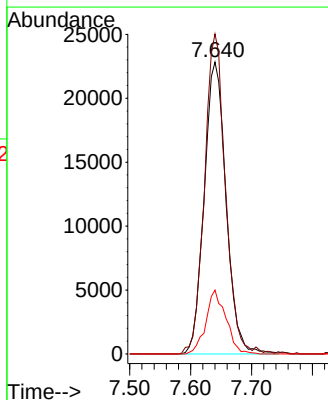
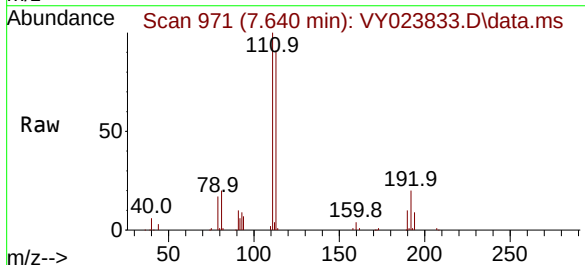
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-15ARE

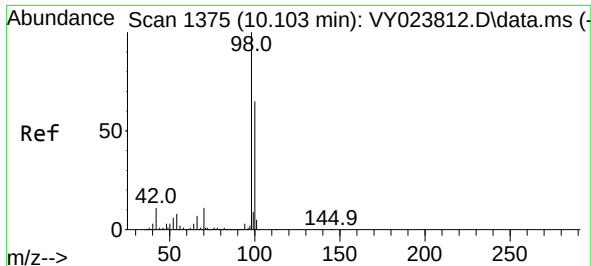
Tgt Ion:	114	Resp:	124548
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	39.4
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 77.325 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

Tgt Ion:	113	Resp:	57051
Ion Ratio	Lower	Upper	
113	100		
111	105.0	81.4	122.0
192	20.0	15.8	23.8

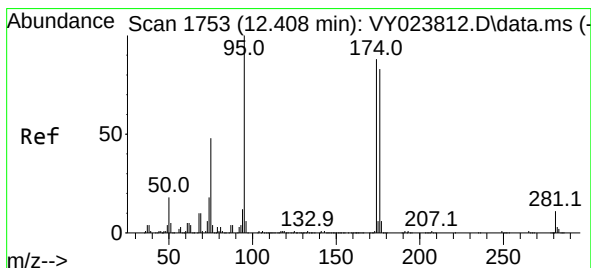
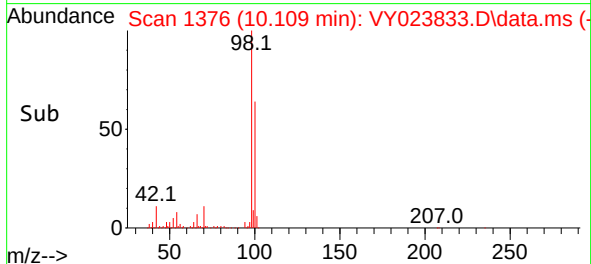
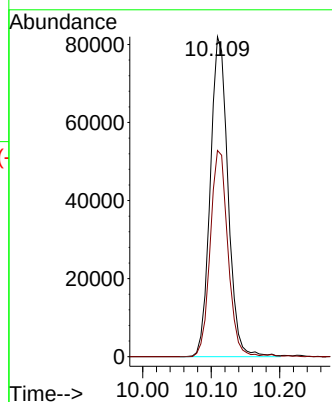
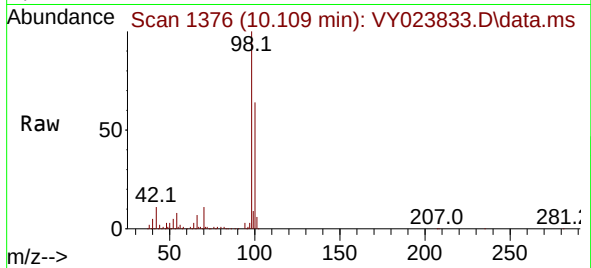




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

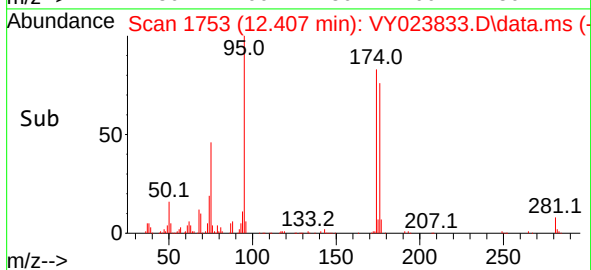
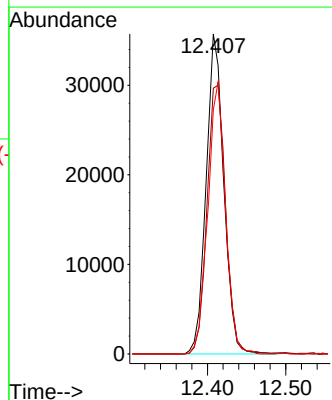
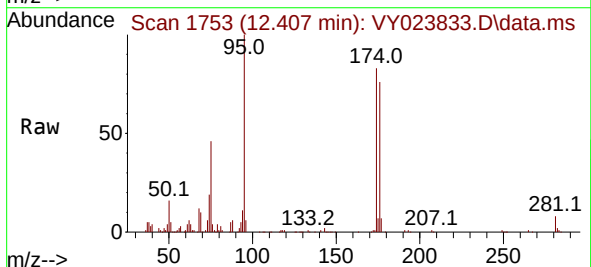
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-15ARE

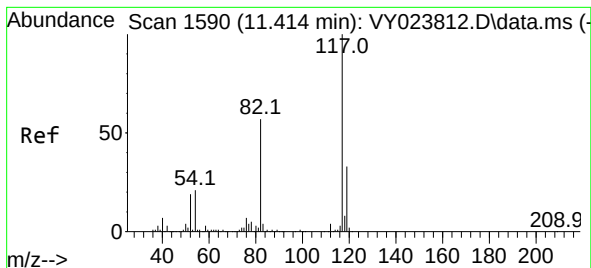
Tgt Ion: 98 Resp: 147632
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.919 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

Tgt Ion: 95 Resp: 55849
Ion Ratio Lower Upper
95 100
174 88.9 0.0 168.6
176 85.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023833.D

Acq: 01 Dec 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-15ARE

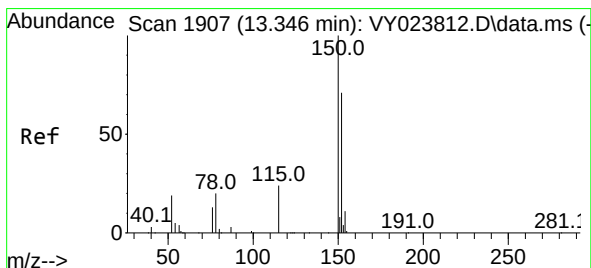
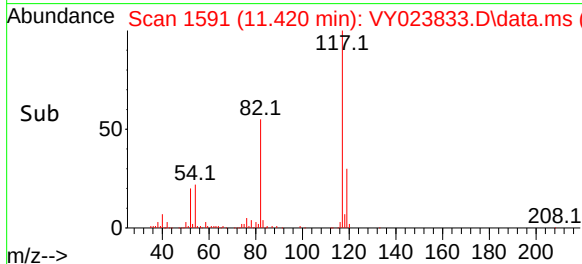
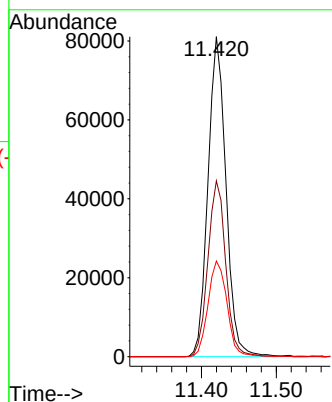
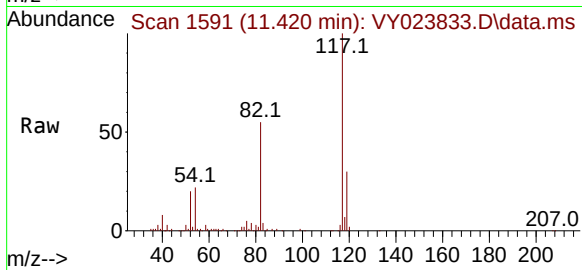
Tgt Ion:117 Resp: 135409

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.0

119 29.9 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023833.D

Acq: 01 Dec 2025 10:38

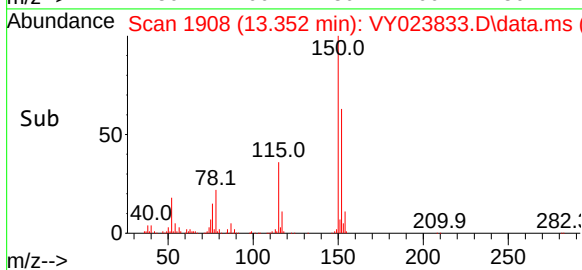
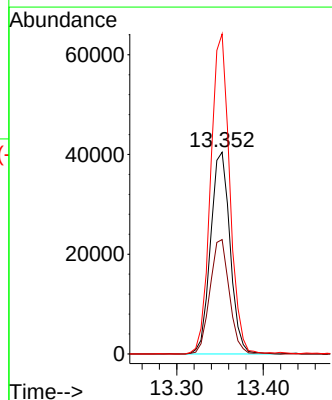
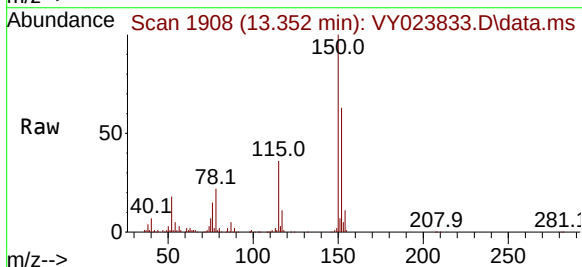
Tgt Ion:152 Resp: 63239

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.3

150 155.2 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032549.D
 Acq On : 26 Nov 2025 17:11
 Operator : SY/MD
 Sample : Q3719-10
 Misc : 5.17g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-15B

Quant Time: Nov 27 00:30:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	181206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	452149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	513533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	252269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164526	70.425	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	140.860%
35) Dibromofluoromethane	7.898	113	150363	55.543	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	111.080%
50) Toluene-d8	10.325	98	479373	46.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.617	95	216082	55.078	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	110.160%

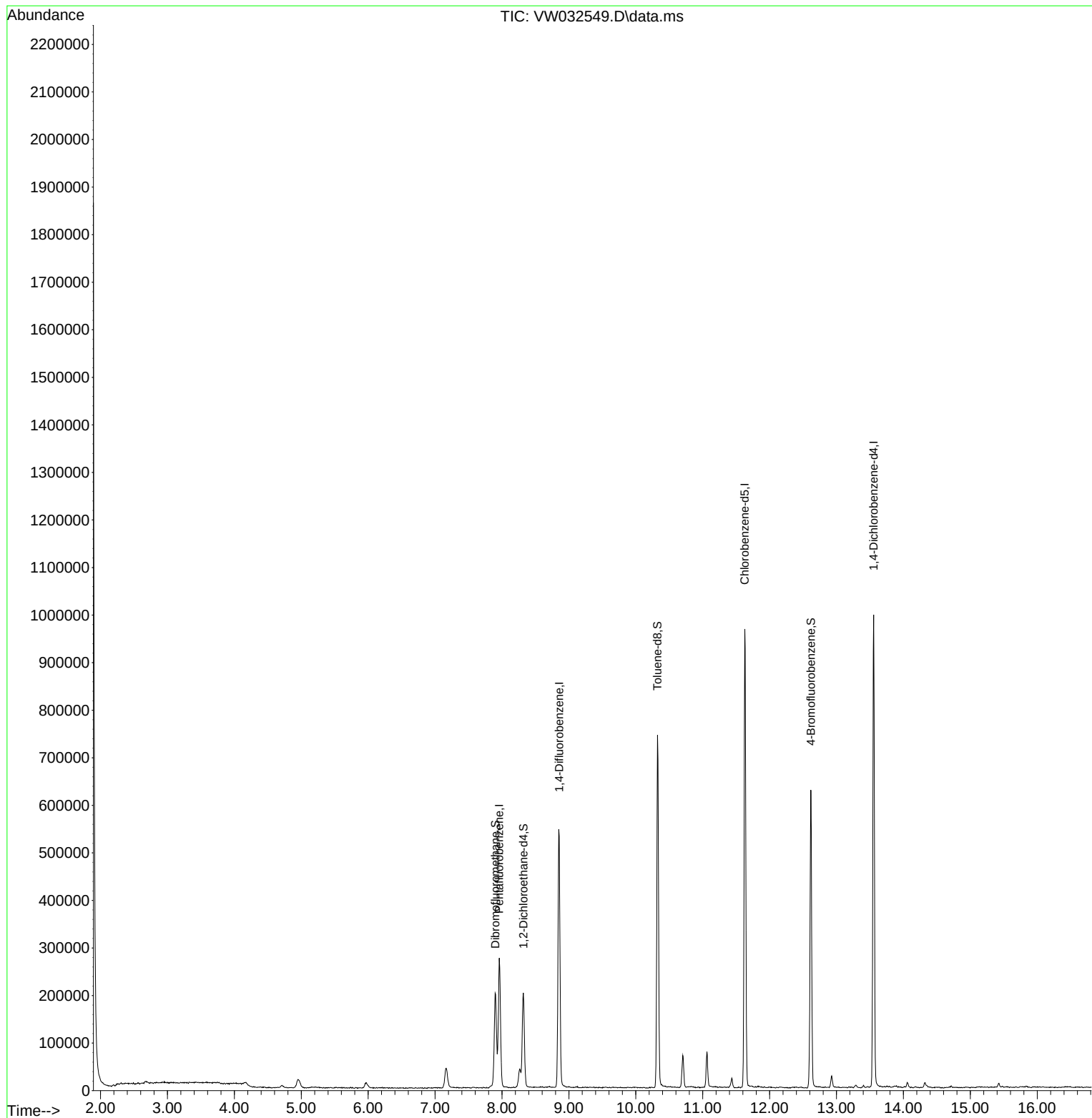
Target Compounds	Qvalue

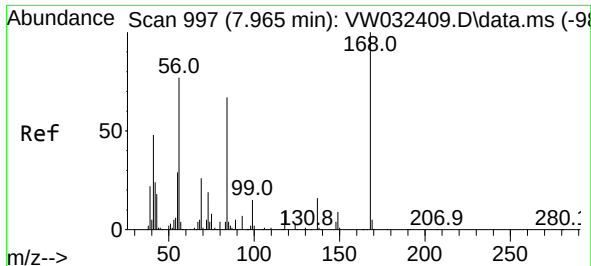
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032549.D
Acq On : 26 Nov 2025 17:11
Operator : SY/MD
Sample : Q3719-10
Misc : 5.17g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

Quant Time: Nov 27 00:30:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

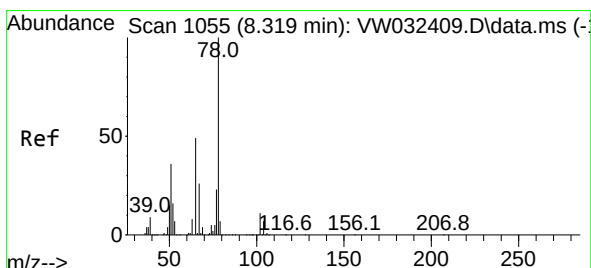
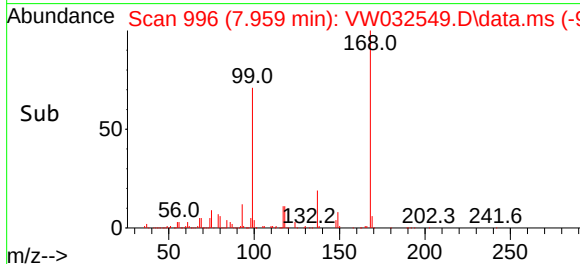
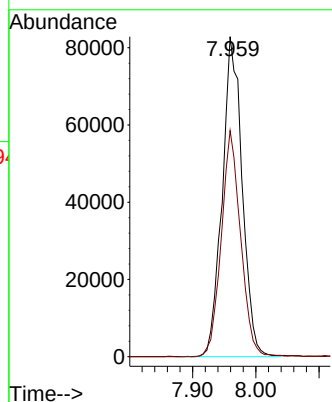
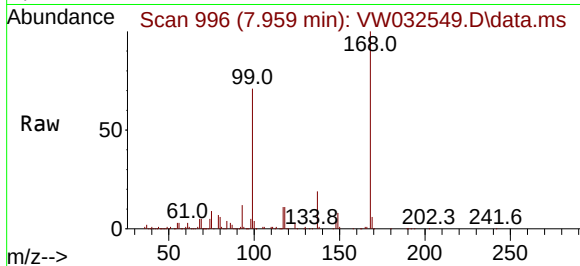




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

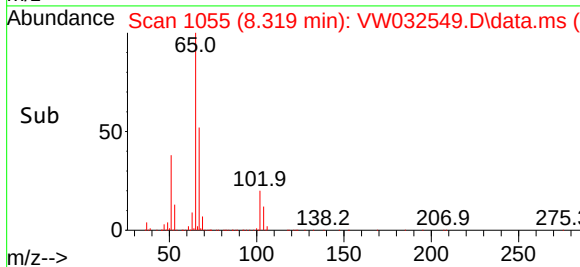
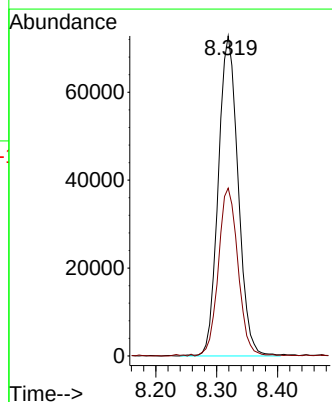
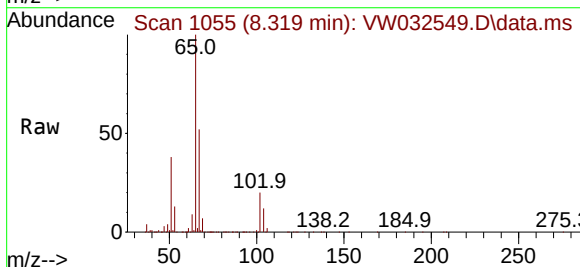
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

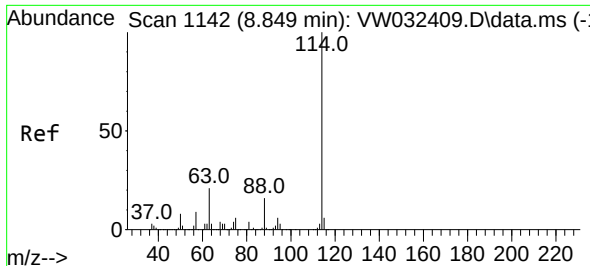
Tgt Ion:168 Resp: 181206
Ion Ratio Lower Upper
168 100
99 70.7 45.4 68.2#



#33
1,2-Dichloroethane-d4
Concen: 70.425 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

Tgt Ion: 65 Resp: 164526
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW032549.D

Acq: 26 Nov 2025 17:11

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-15B

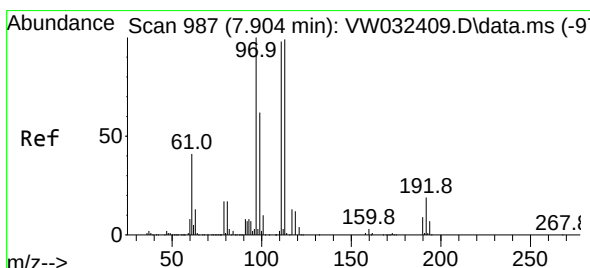
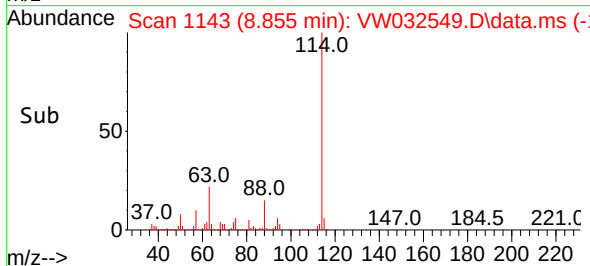
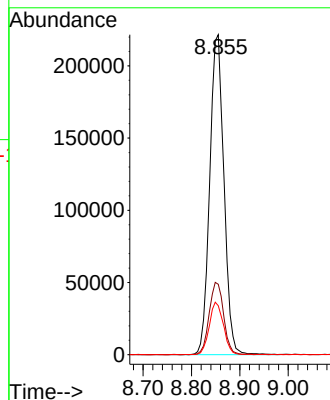
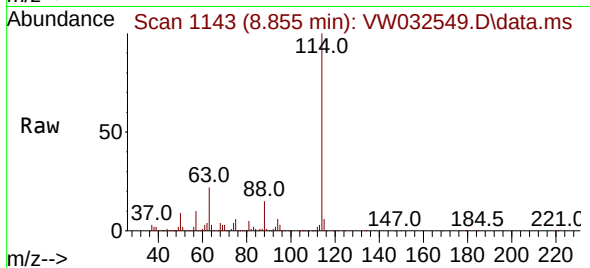
Tgt Ion:114 Resp: 452149

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.543 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032549.D

Acq: 26 Nov 2025 17:11

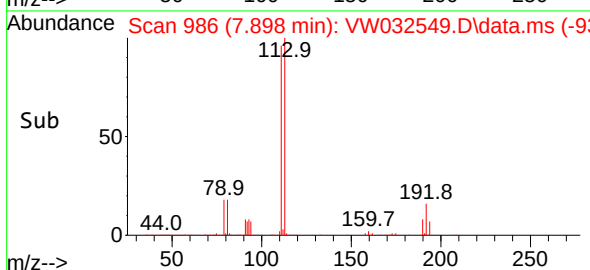
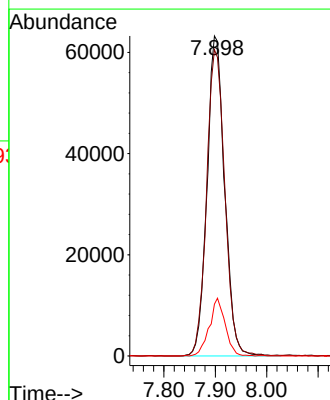
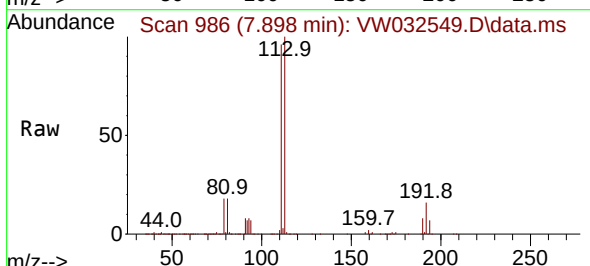
Tgt Ion:113 Resp: 150363

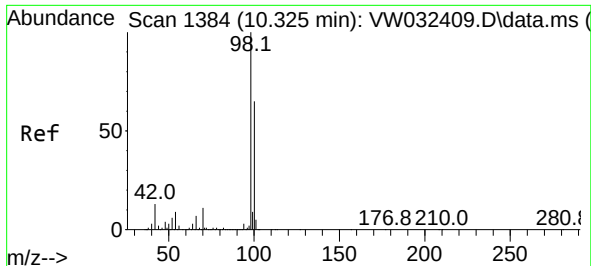
Ion Ratio Lower Upper

113 100

111 99.1 83.1 124.7

192 16.3 13.4 20.2

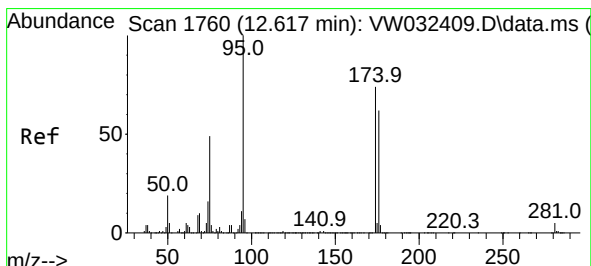
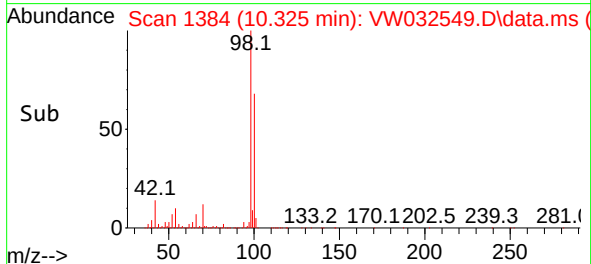
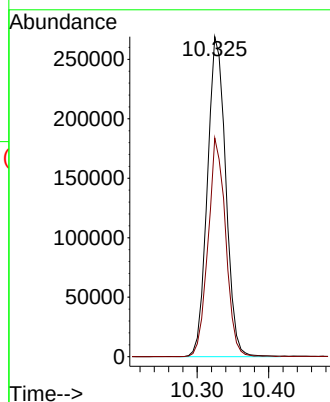
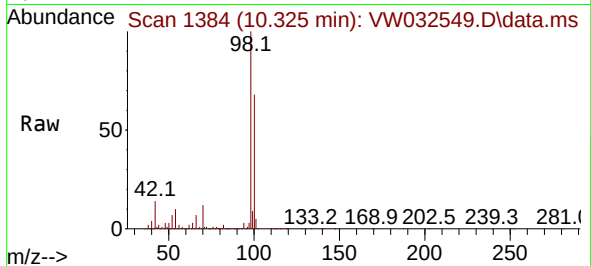




#50
Toluene-d8
Concen: 46.158 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

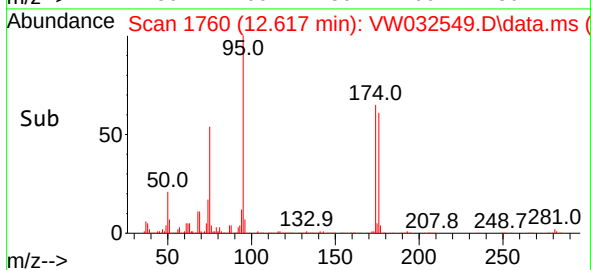
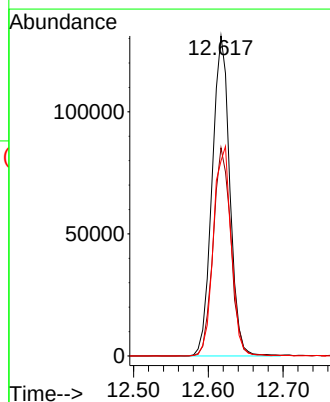
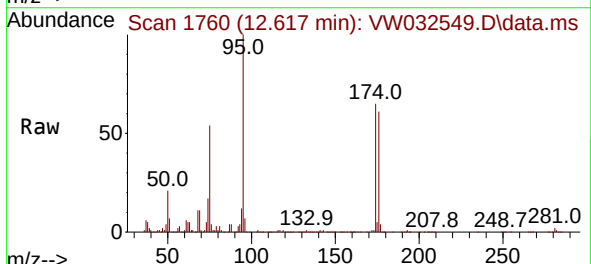
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

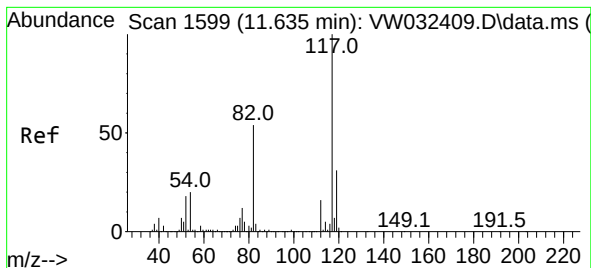
Tgt Ion: 98 Resp: 479373
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.078 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

Tgt Ion: 95 Resp: 216082
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.4
176 65.8 0.0 131.8

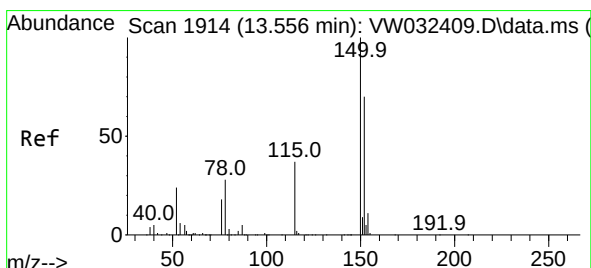
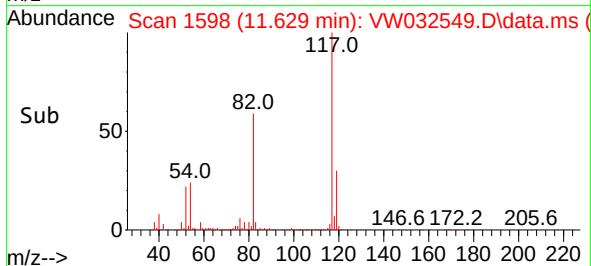
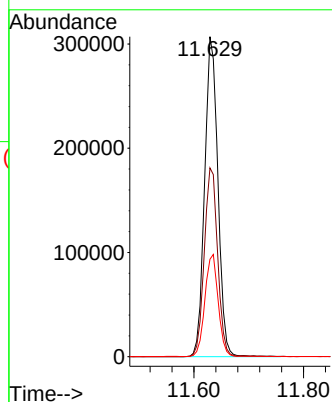
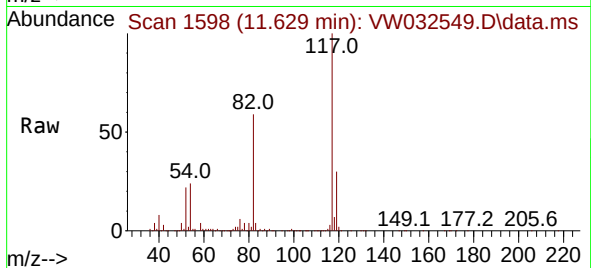




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

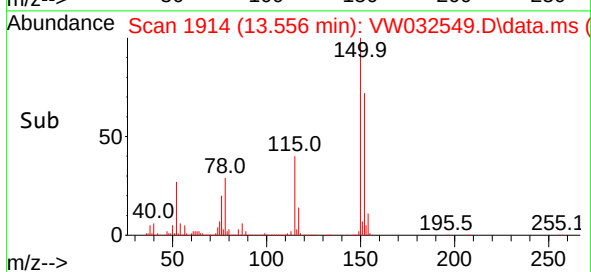
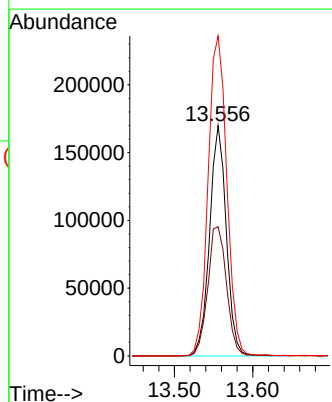
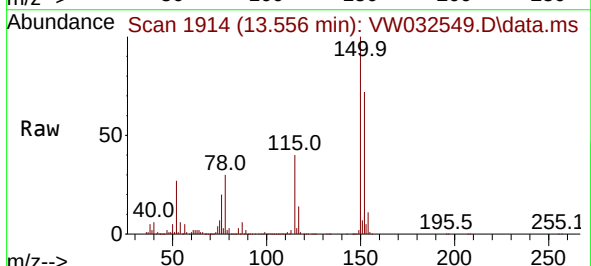
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

Tgt Ion:117 Resp: 513533
Ion Ratio Lower Upper
117 100
82 59.0 43.0 64.4
119 30.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

Tgt Ion:152 Resp: 252269
Ion Ratio Lower Upper
152 100
115 63.1 32.8 98.3
150 154.9 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032549.D
Acq On : 26 Nov 2025 17:11
Operator : SY/MD
Sample : Q3719-10
Misc : 5.17g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032549.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.947	492	502	515	rBV2	17622	66871	4.08%	0.743%
2	5.966	663	669	680	rVB	10771	31794	1.94%	0.353%
3	7.167	857	866	880	rBV	41454	125303	7.65%	1.393%
4	7.898	977	986	991	rBV	195618	465215	28.42%	5.171%
5	7.959	991	996	1007	rVB	271064	604024	36.90%	6.715%
6	8.264	1035	1046	1049	rBV4	39270	95166	5.81%	1.058%
7	8.319	1049	1055	1070	rVB	198543	458169	27.99%	5.093%
8	8.849	1134	1142	1155	rBV	541968	1113908	68.04%	12.383%
9	10.325	1375	1384	1393	rBV	741230	1314038	80.27%	14.607%
10	10.703	1437	1446	1454	rBV2	67723	131217	8.02%	1.459%
11	11.062	1499	1505	1512	rBV	74658	127755	7.80%	1.420%
12	11.434	1558	1566	1574	rVB2	20588	40425	2.47%	0.449%
13	11.629	1591	1598	1606	rBV	963499	1637100	100.00%	18.199%
14	12.617	1751	1760	1770	rBV2	626596	1072698	65.52%	11.924%
15	12.928	1805	1811	1818	rBV2	24358	44955	2.75%	0.500%
16	13.556	1903	1914	1929	rBV	994024	1621880	99.07%	18.029%
17	14.056	1992	1996	2004	rVB	11296	21118	1.29%	0.235%
18	14.324	2032	2040	2047	rBV10	10301	24145	1.47%	0.268%

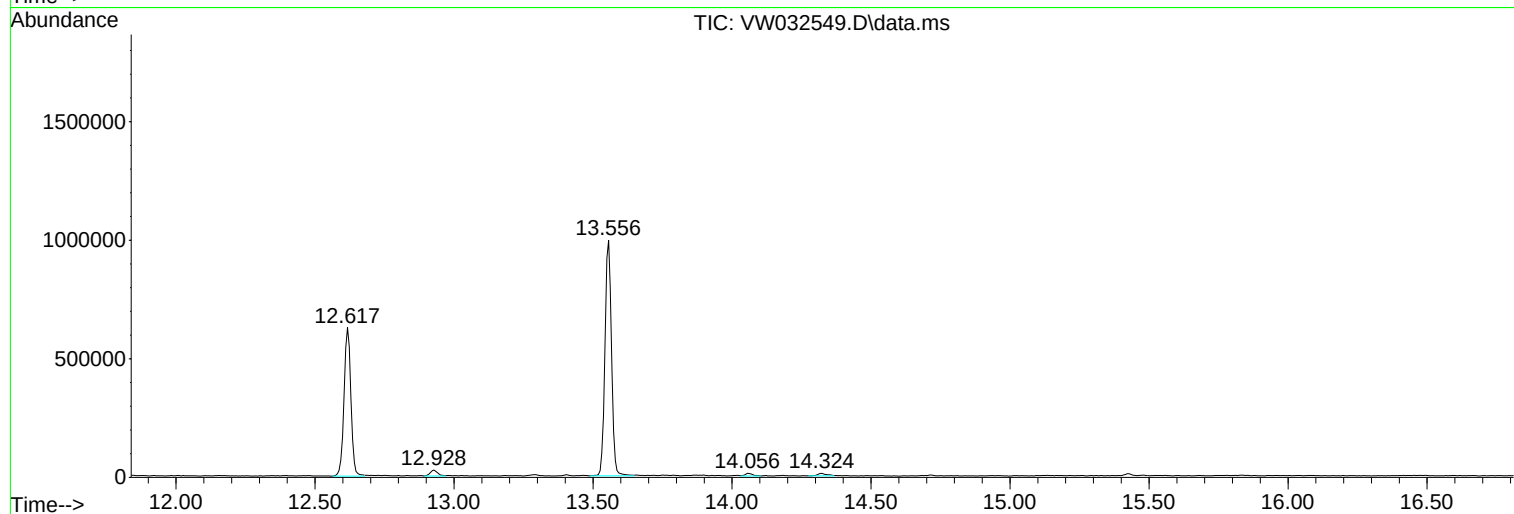
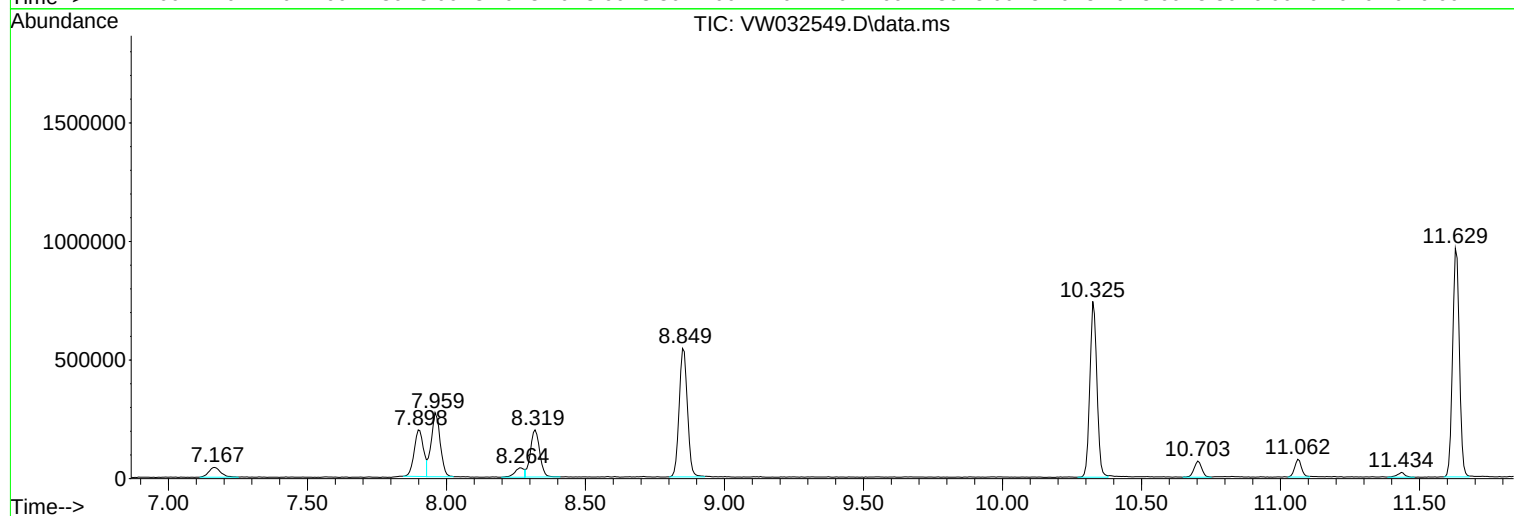
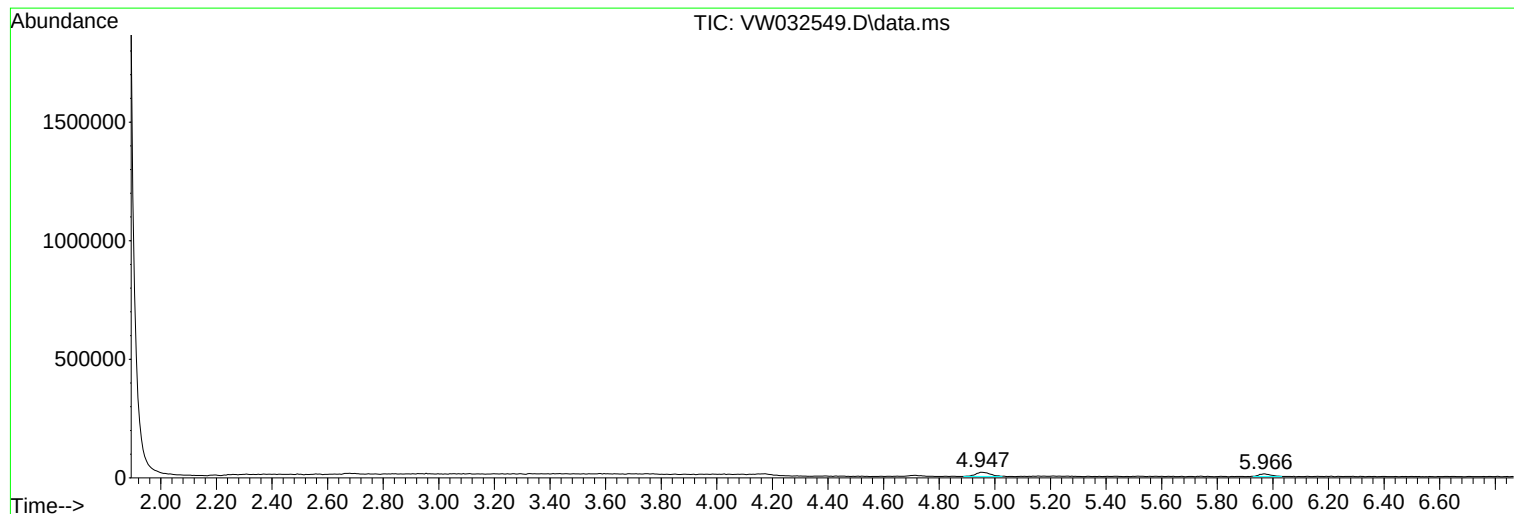
Sum of corrected areas: 8995781

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032549.D
Acq On : 26 Nov 2025 17:11
Operator : SY/MD
Sample : Q3719-10
Misc : 5.17g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032549.D
Acq On : 26 Nov 2025 17:11
Operator : SY/MD
Sample : Q3719-10
Misc : 5.17g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032549.D
Acq On : 26 Nov 2025 17:11
Operator : SY/MD
Sample : Q3719-10
Misc : 5.17g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032550.D
 Acq On : 26 Nov 2025 17:33
 Operator : SY/MD
 Sample : Q3719-11
 Misc : 4.66g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-16A

Quant Time: Nov 27 00:30:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	179732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	445052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	515760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	254063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	165498	71.422	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	142.840%
35) Dibromofluoromethane	7.898	113	147838	55.482	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.960%
50) Toluene-d8	10.330	98	480029	46.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.617	95	215196	55.727	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	111.460%

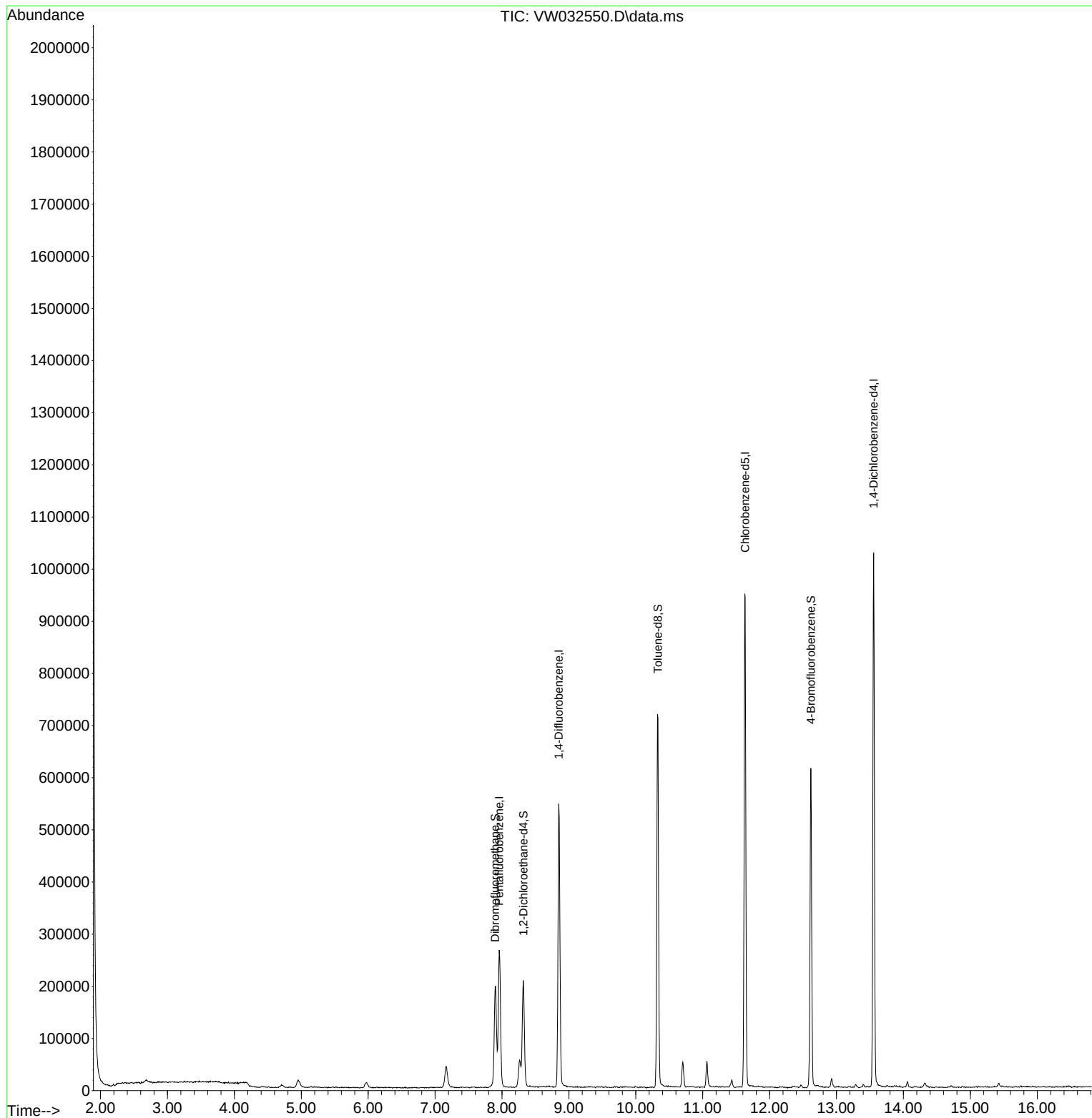
Target Compounds	Qvalue

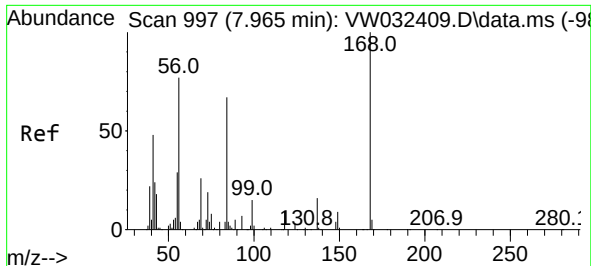
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032550.D
Acq On : 26 Nov 2025 17:33
Operator : SY/MD
Sample : Q3719-11
Misc : 4.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

Quant Time: Nov 27 00:30:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

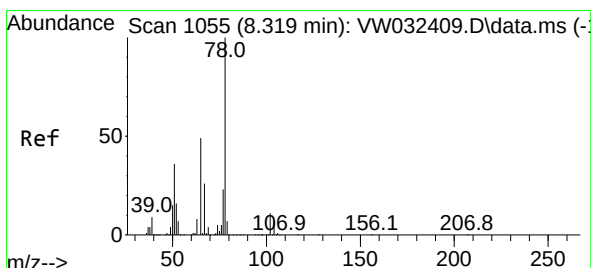
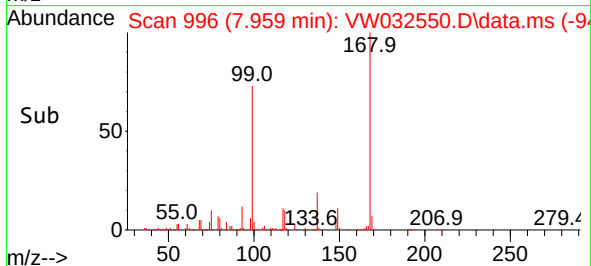
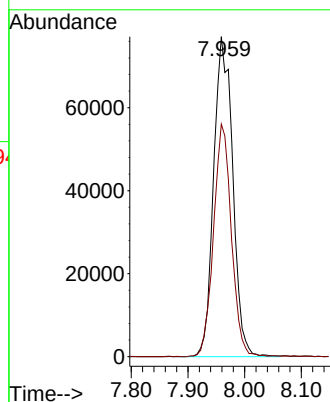
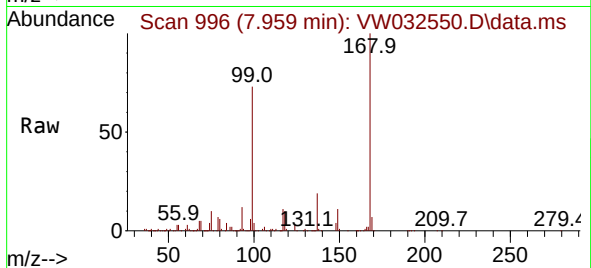




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

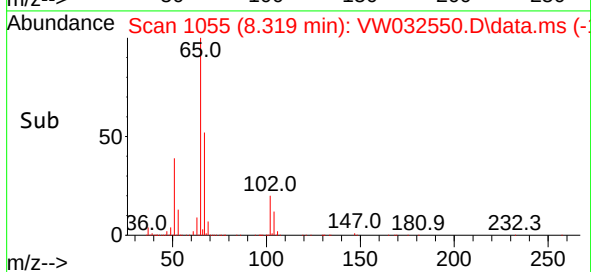
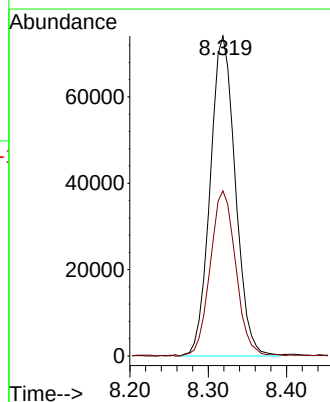
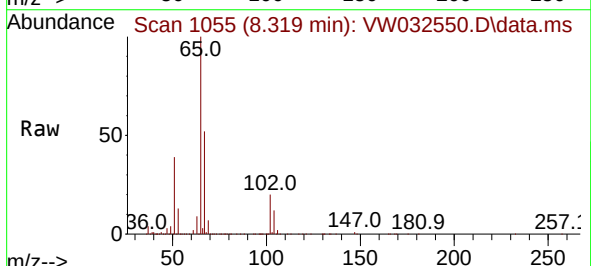
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

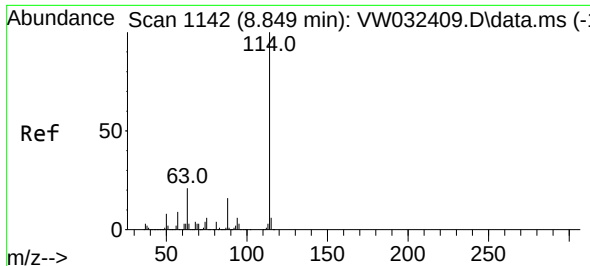
Tgt Ion:168 Resp: 179732
Ion Ratio Lower Upper
168 100
99 72.6 45.4 68.2#



#33
1,2-Dichloroethane-d4
Concen: 71.422 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

Tgt Ion: 65 Resp: 165498
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8

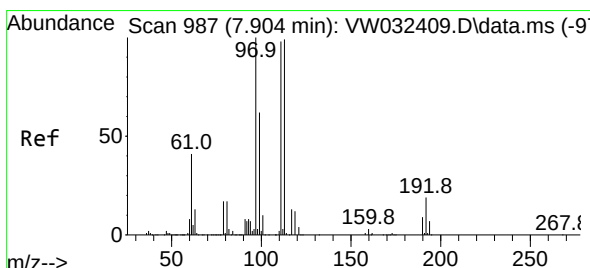
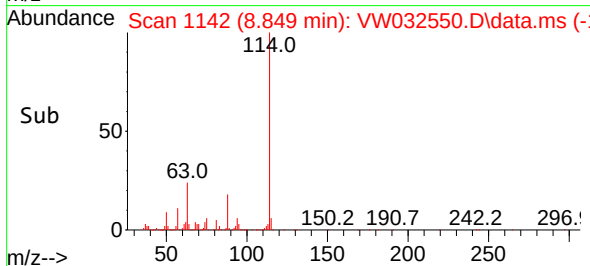
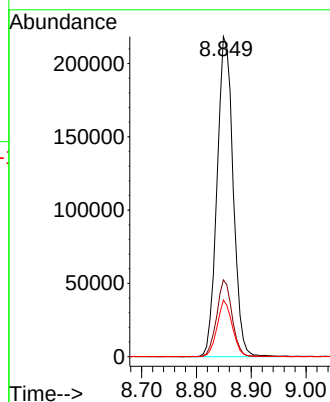
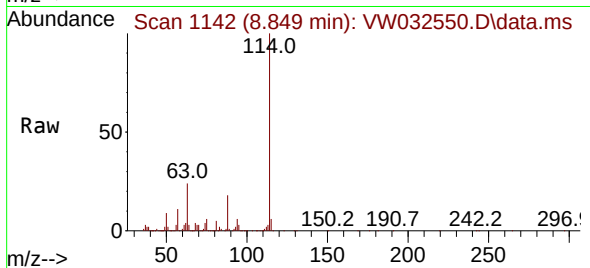




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

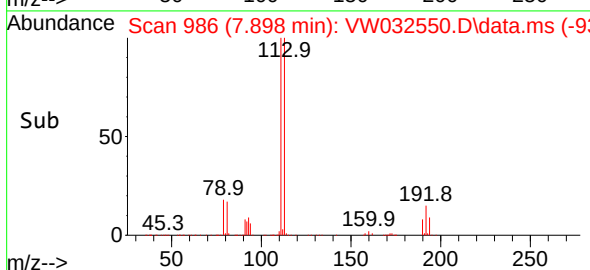
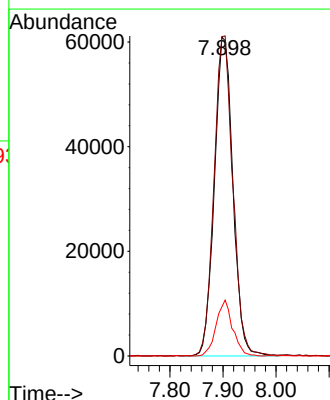
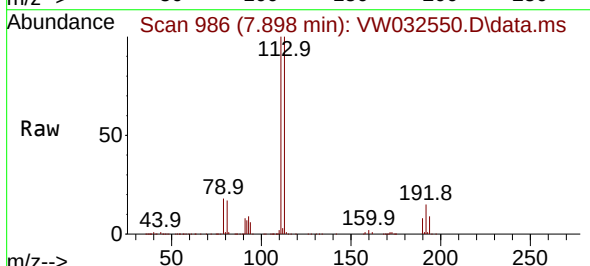
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

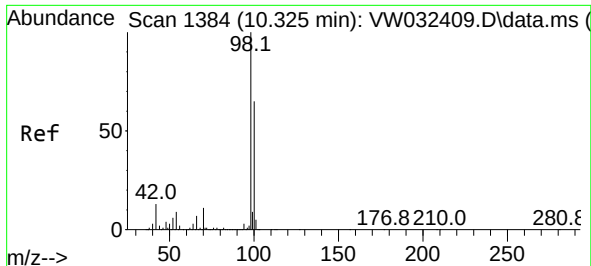
Tgt Ion:114 Resp: 445052
Ion Ratio Lower Upper
114 100
63 24.0 0.0 41.8
88 17.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 55.482 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

Tgt Ion:113 Resp: 147838
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 15.7 13.4 20.2

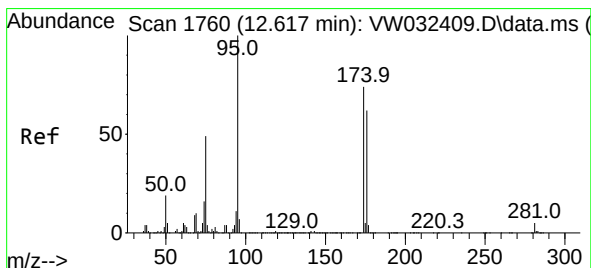
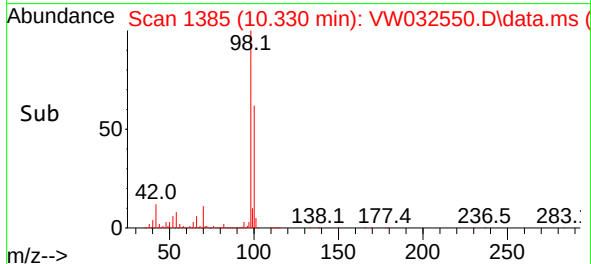
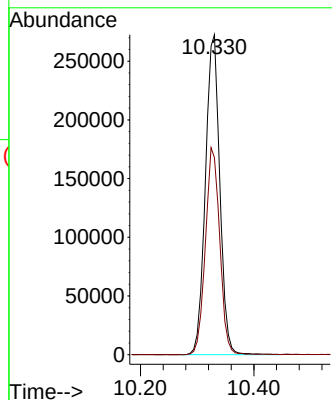
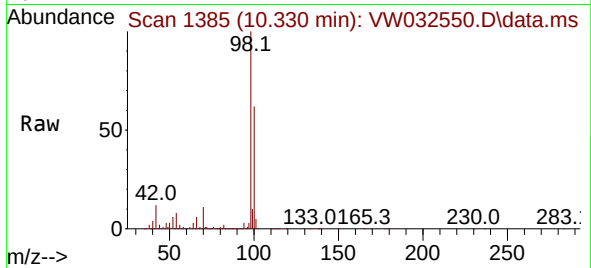




#50
Toluene-d8
Concen: 46.958 ug/l
RT: 10.330 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

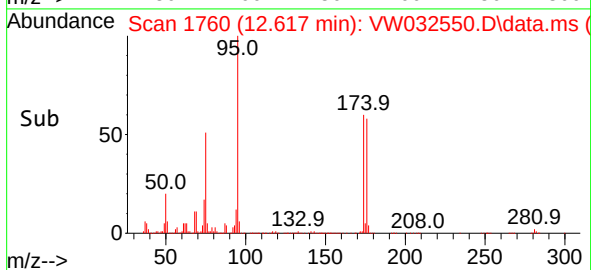
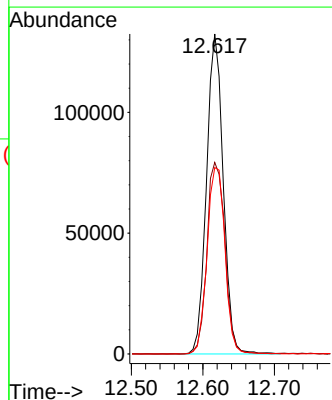
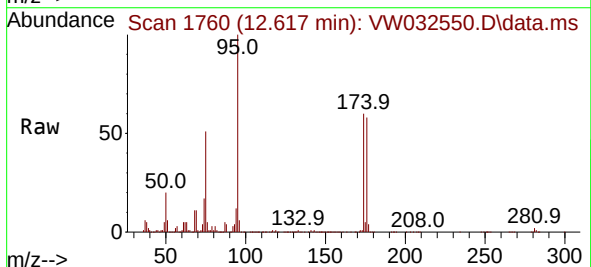
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

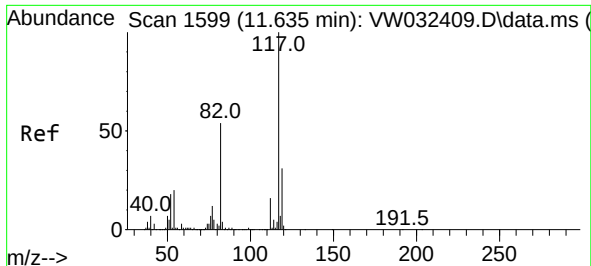
Tgt Ion: 98 Resp: 480029
Ion Ratio Lower Upper
98 100
100 64.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.727 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

Tgt Ion: 95 Resp: 215196
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.4
176 62.5 0.0 131.8

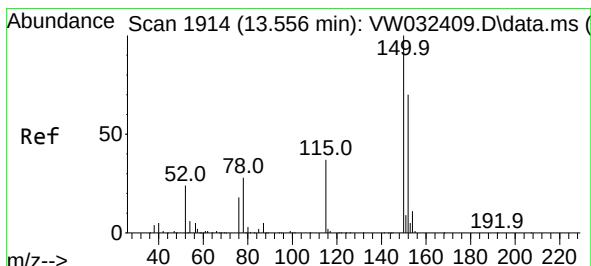
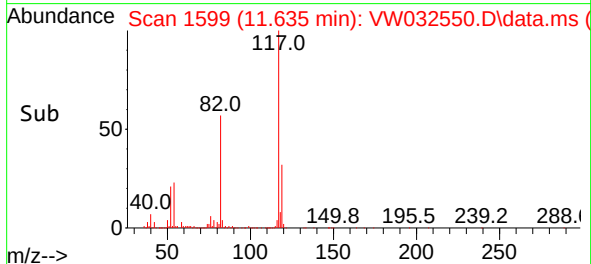
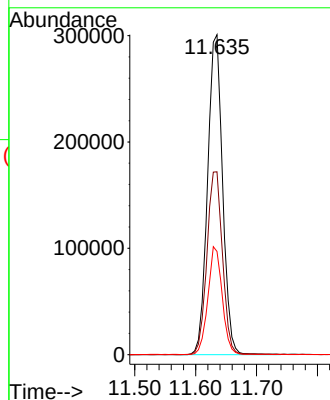
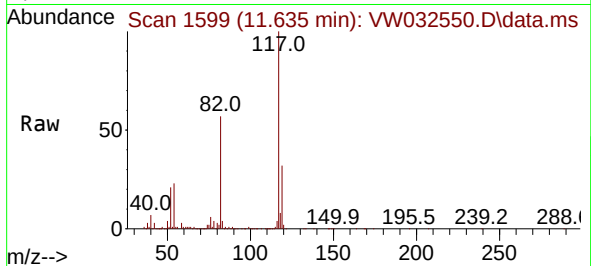




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

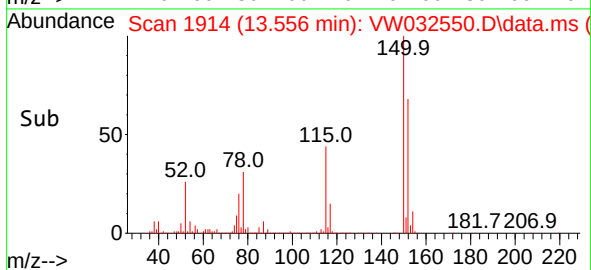
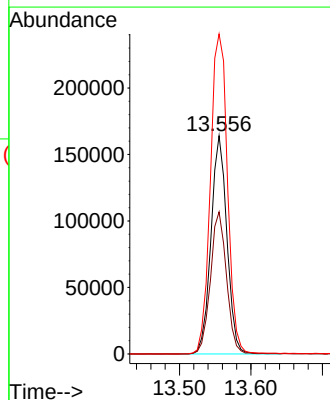
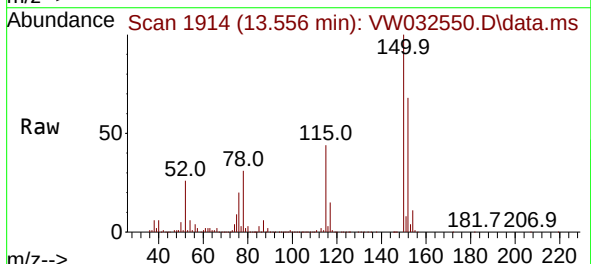
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

Tgt Ion:117 Resp: 515760
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

Tgt Ion:152 Resp: 254063
Ion Ratio Lower Upper
152 100
115 66.0 32.8 98.3
150 157.2 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032550.D
 Acq On : 26 Nov 2025 17:33
 Operator : SY/MD
 Sample : Q3719-11
 Misc : 4.66g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-16A

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032550.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.953	491	503	515	rBV3	14718	53238	3.22%	0.599%
2	5.978	661	671	678	rBV6	10410	32943	1.99%	0.371%
3	7.166	854	866	878	rBV2	40557	122303	7.40%	1.376%
4	7.904	966	987	991	rBV	194722	487314	29.48%	5.482%
5	7.959	991	996	1007	rVB	261982	602768	36.46%	6.781%
6	8.264	1037	1046	1049	rBV2	51485	119203	7.21%	1.341%
7	8.319	1049	1055	1066	rVB	203123	462543	27.98%	5.204%
8	8.849	1133	1142	1155	rBV	543050	1099626	66.52%	12.371%
9	10.324	1375	1384	1393	rBV	716257	1290838	78.08%	14.522%
10	10.702	1439	1446	1453	rBV2	48150	93654	5.67%	1.054%
11	11.062	1499	1505	1517	rBV	50738	95469	5.77%	1.074%
12	11.434	1559	1566	1575	rVB	14700	30023	1.82%	0.338%
13	11.629	1590	1598	1607	rBV	945834	1643828	99.43%	18.493%
14	12.617	1749	1760	1771	rBV	612885	1048688	63.43%	11.798%
15	12.928	1803	1811	1819	rBV	16976	32787	1.98%	0.369%
16	13.556	1906	1914	1925	rBV	1024282	1653179	100.00%	18.599%
17	14.324	2030	2040	2043	rBV10	8552	20363	1.23%	0.229%

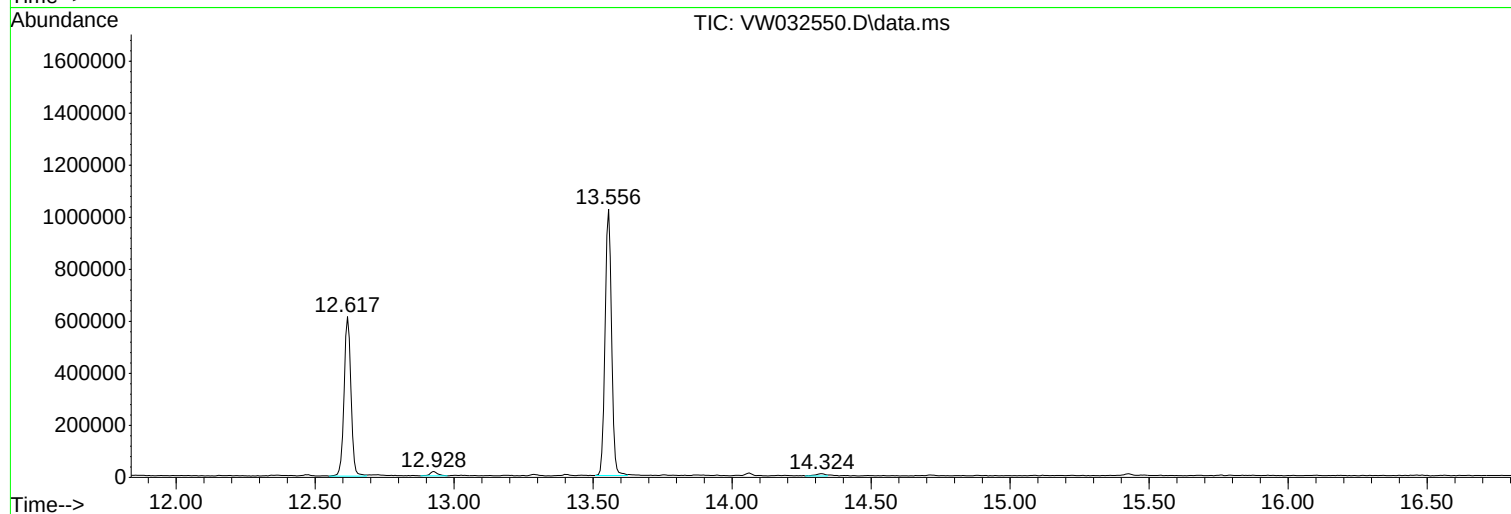
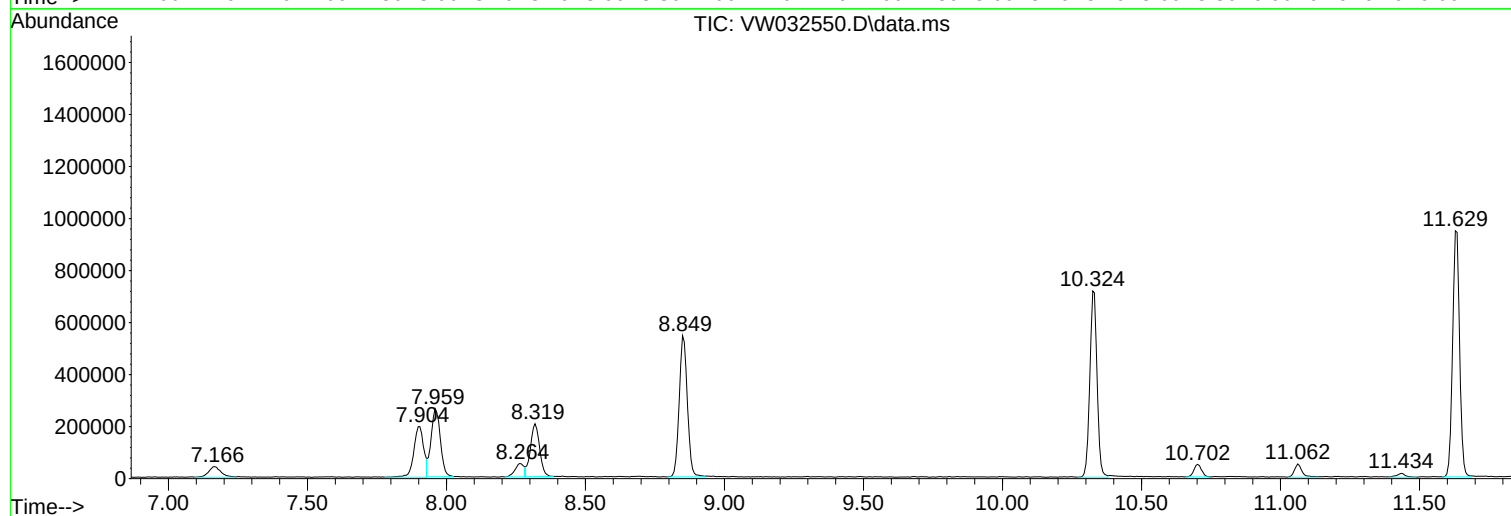
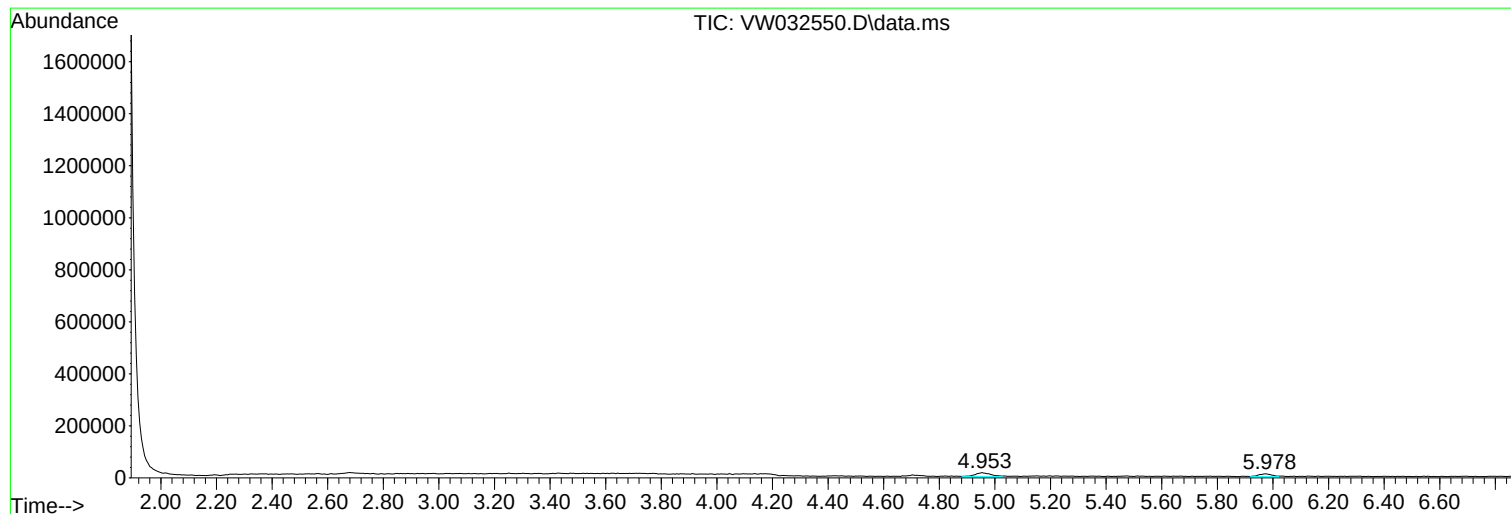
Sum of corrected areas: 8888767

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032550.D
Acq On : 26 Nov 2025 17:33
Operator : SY/MD
Sample : Q3719-11
Misc : 4.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032550.D
Acq On : 26 Nov 2025 17:33
Operator : SY/MD
Sample : Q3719-11
Misc : 4.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032550.D
Acq On : 26 Nov 2025 17:33
Operator : SY/MD
Sample : Q3719-11
Misc : 4.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032551.D
 Acq On : 26 Nov 2025 17:55
 Operator : SY/MD
 Sample : Q3719-12
 Misc : 4.51g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-16B

Quant Time: Nov 27 00:31:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	189608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	463920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	526803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	256014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163489	66.880	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	133.760%
35) Dibromofluoromethane	7.898	113	148536	53.476	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	106.960%
50) Toluene-d8	10.331	98	481649	45.201	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	90.400%
62) 4-Bromofluorobenzene	12.617	95	216969	53.901	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	107.800%

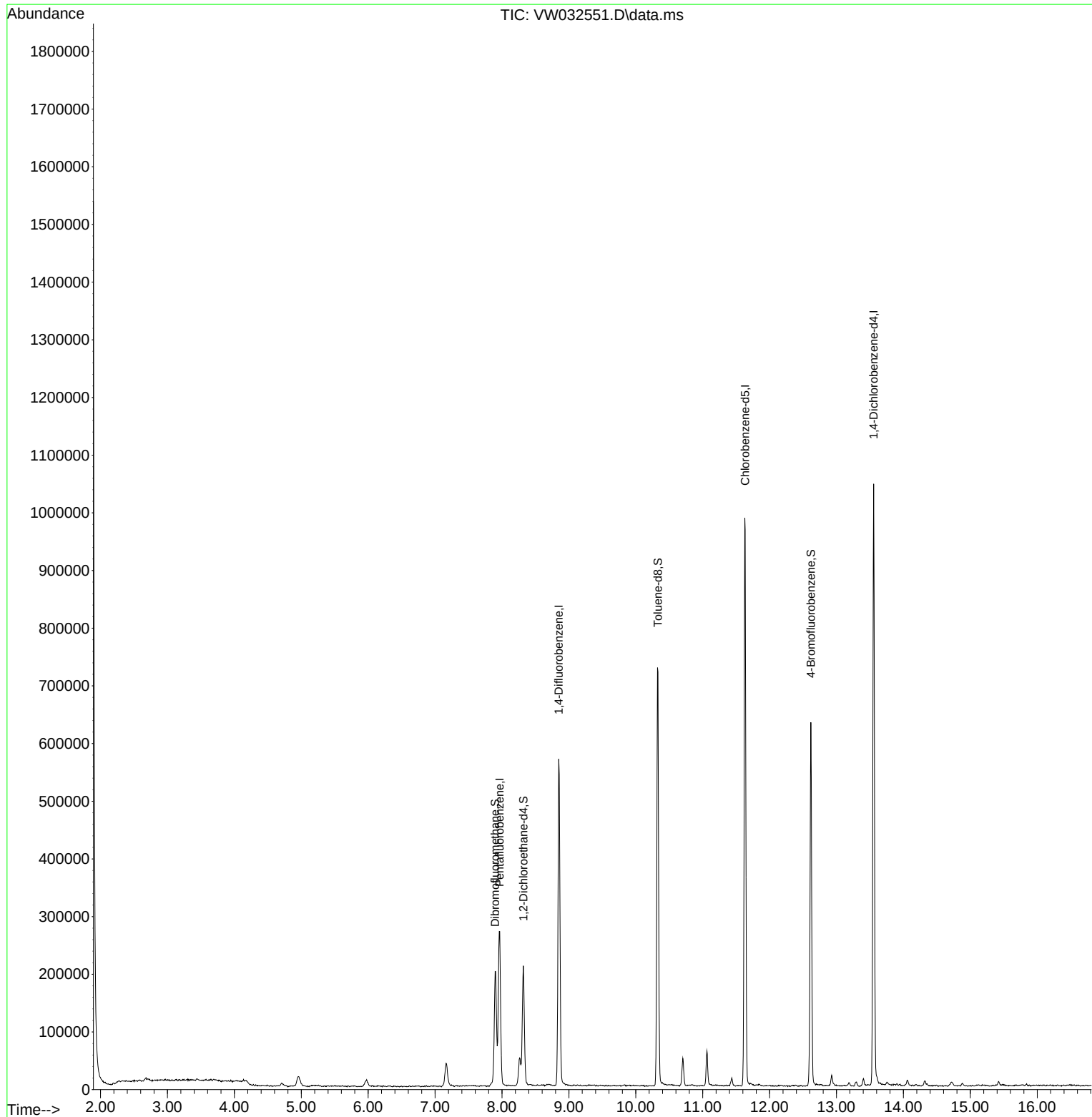
Target Compounds	Qvalue

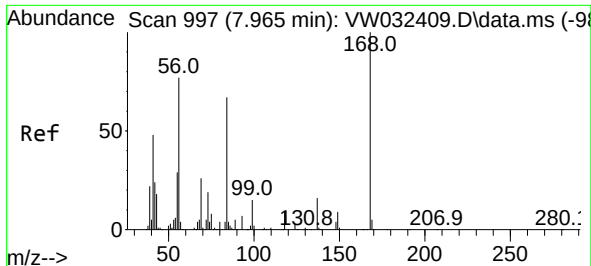
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032551.D
Acq On : 26 Nov 2025 17:55
Operator : SY/MD
Sample : Q3719-12
Misc : 4.51g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

Quant Time: Nov 27 00:31:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

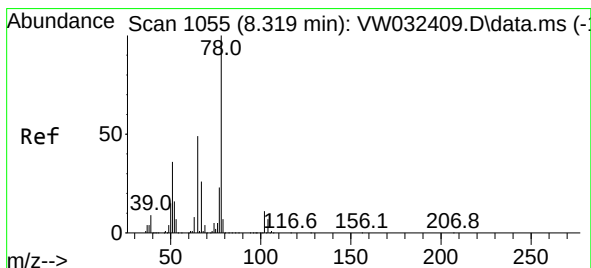
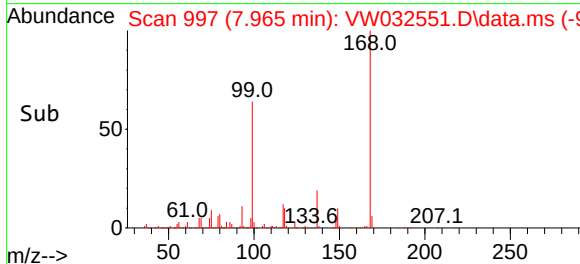
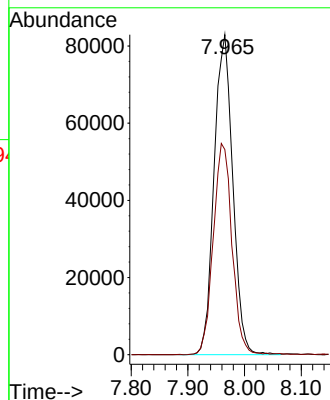
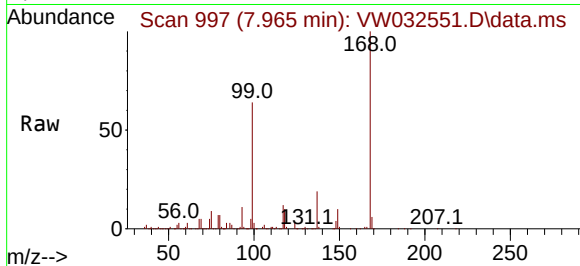




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

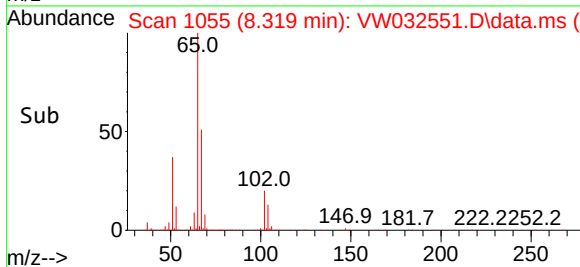
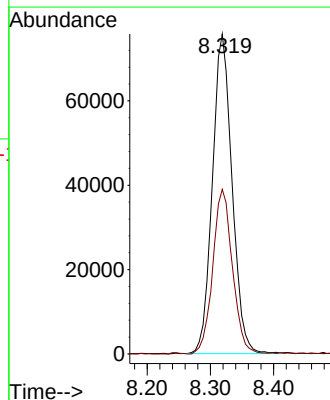
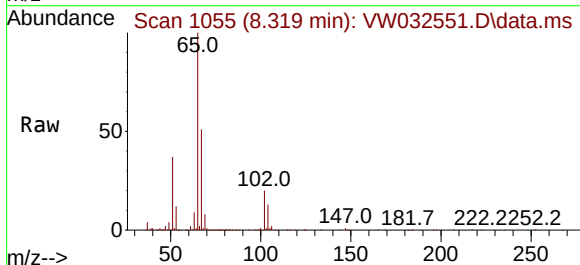
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

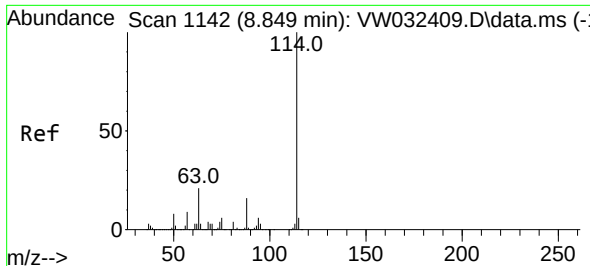
Tgt Ion:168 Resp: 189608
Ion Ratio Lower Upper
168 100
99 64.0 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 66.880 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

Tgt Ion: 65 Resp: 163489
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.8

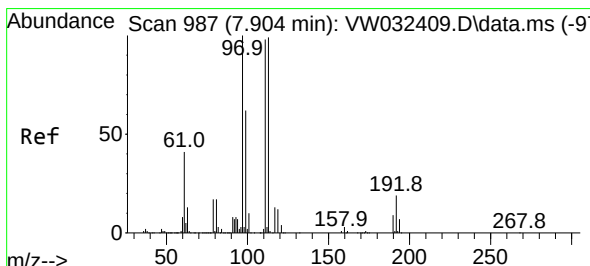
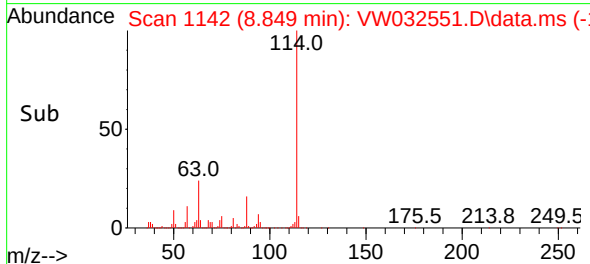
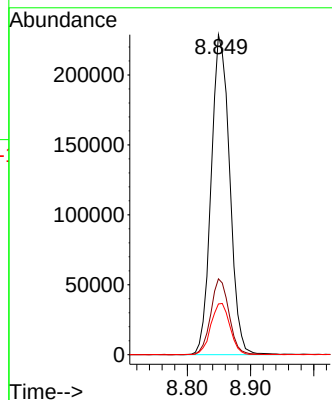
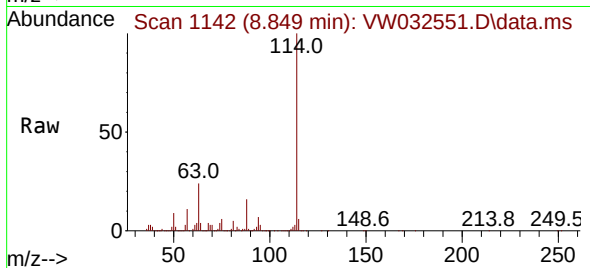




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

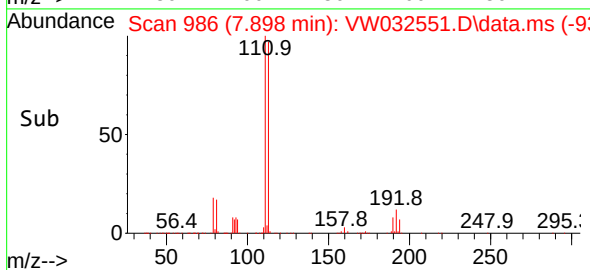
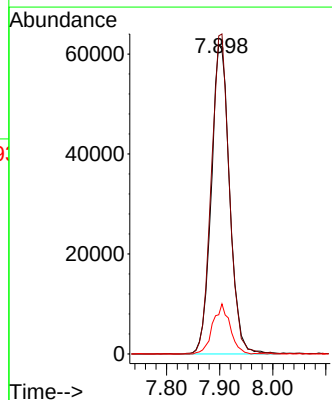
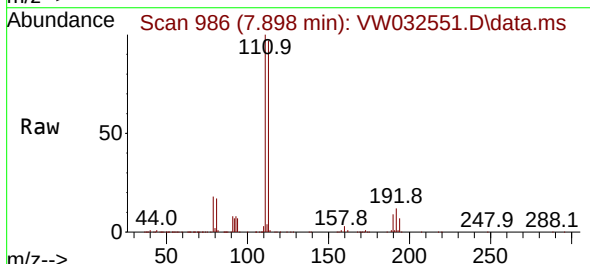
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

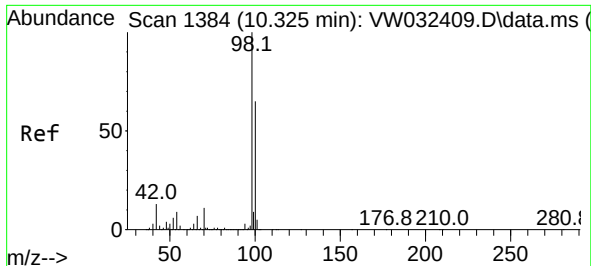
Tgt Ion:114 Resp: 463920
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.476 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

Tgt Ion:113 Resp: 148536
Ion Ratio Lower Upper
113 100
111 102.0 83.1 124.7
192 15.3 13.4 20.2

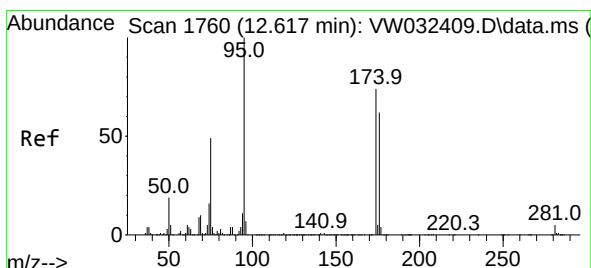
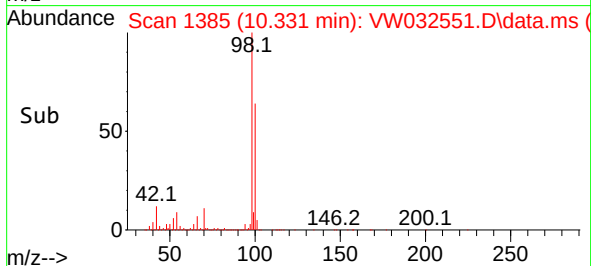
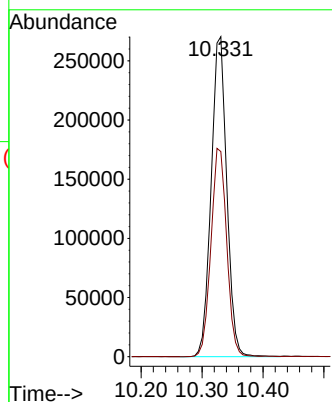
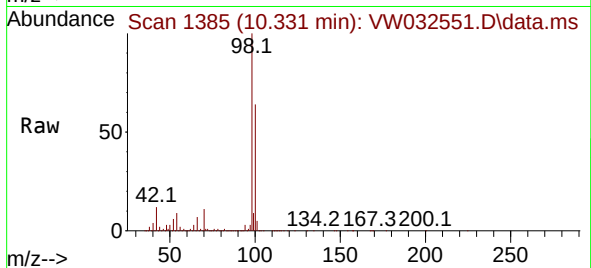




#50
Toluene-d8
Concen: 45.201 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

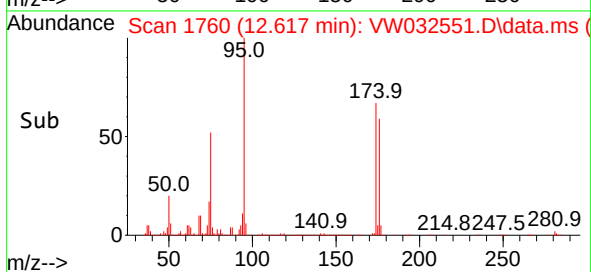
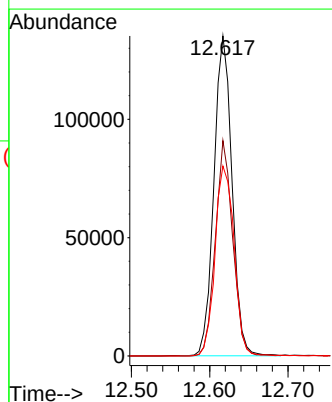
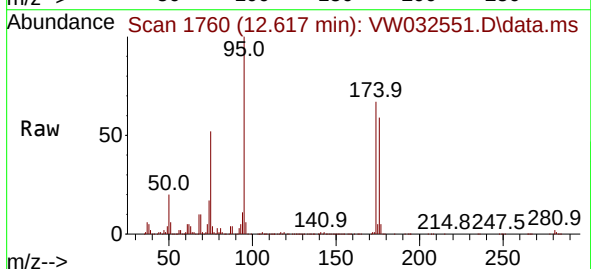
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

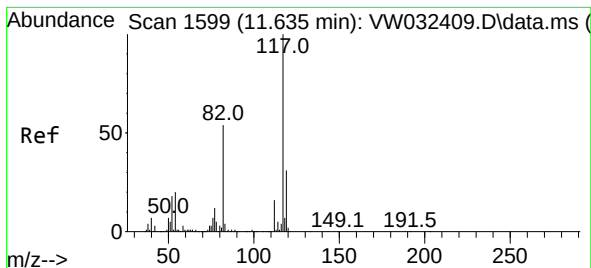
Tgt Ion: 98 Resp: 481649
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.901 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

Tgt Ion: 95 Resp: 216969
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.4
176 62.9 0.0 131.8

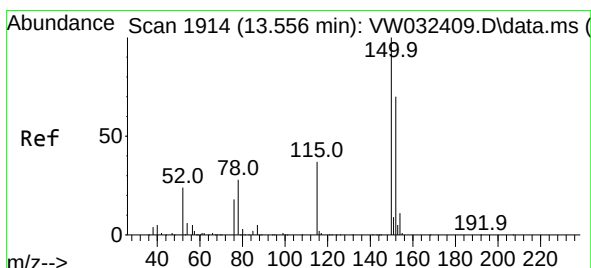
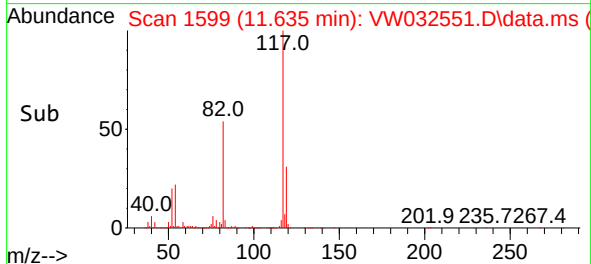
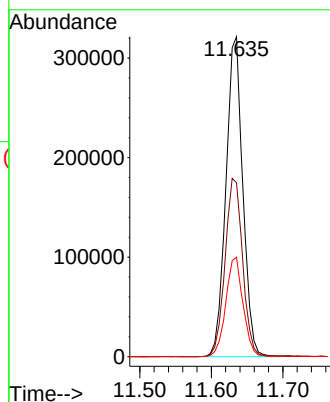
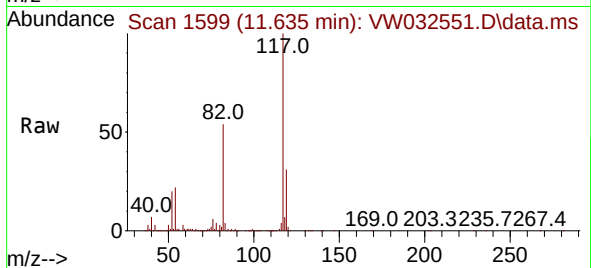




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

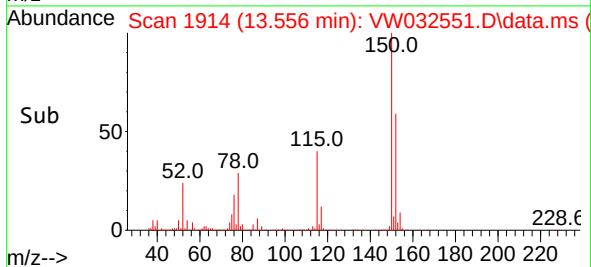
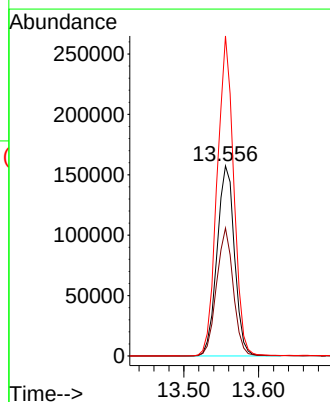
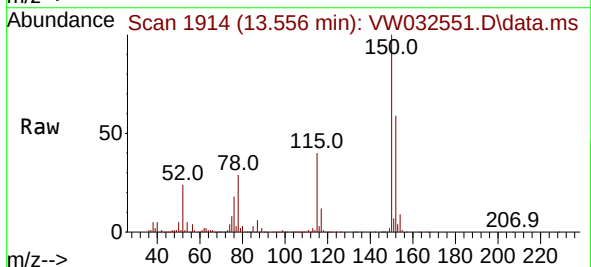
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

Tgt Ion:117 Resp: 526803
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032551.D
Acq: 26 Nov 2025 17:55

Tgt Ion:152 Resp: 256014
Ion Ratio Lower Upper
152 100
115 64.3 32.8 98.3
150 160.2 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032551.D
 Acq On : 26 Nov 2025 17:55
 Operator : SY/MD
 Sample : Q3719-12
 Misc : 4.51g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-16B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	492	503	515	rBV3	16441	59970	3.53%	0.656%
2	5.978	660	671	680	rBV4	11689	35019	2.06%	0.383%
3	7.167	854	866	877	rBV	40824	124883	7.35%	1.367%
4	7.898	971	986	991	rBV	199563	491810	28.95%	5.383%
5	7.959	991	996	1010	rVB	267081	633297	37.28%	6.932%
6	8.264	1036	1046	1049	rBV2	48270	111420	6.56%	1.220%
7	8.319	1049	1055	1067	rVB	207051	458426	26.99%	5.018%
8	8.849	1134	1142	1158	rBV	565345	1152213	67.83%	12.612%
9	10.325	1375	1384	1394	rBV	725359	1313910	77.35%	14.382%
10	10.703	1438	1446	1453	rBV	48057	92676	5.46%	1.014%
11	11.062	1498	1505	1516	rBV	60274	107752	6.34%	1.179%
12	11.434	1561	1566	1570	rBV2	13440	22295	1.31%	0.244%
13	11.629	1589	1598	1610	rBV	985239	1681739	99.00%	18.408%
14	12.617	1751	1760	1771	rBV	630394	1053037	61.99%	11.526%
15	12.928	1806	1811	1819	rVB	17532	32182	1.89%	0.352%
16	13.403	1882	1889	1893	rBV2	13268	23254	1.37%	0.255%
17	13.556	1903	1914	1926	rBV	1042499	1698718	100.00%	18.594%
18	14.056	1989	1996	2001	rBV2	9650	19711	1.16%	0.216%
19	14.720	2095	2105	2113	rBV2	7327	23556	1.39%	0.258%

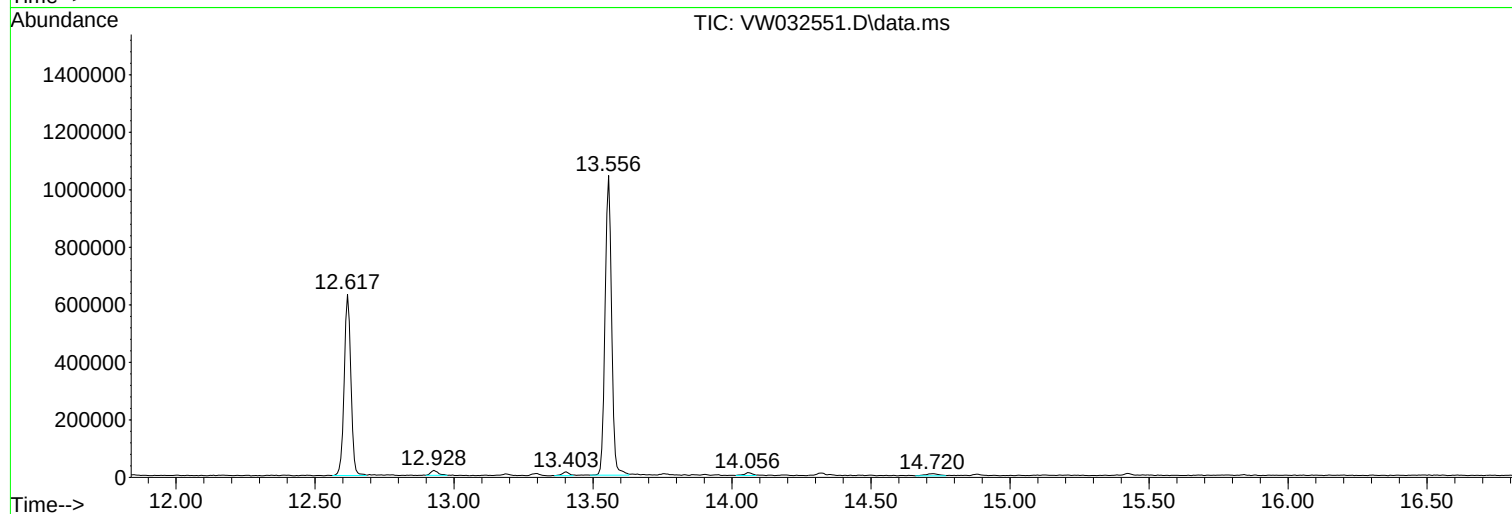
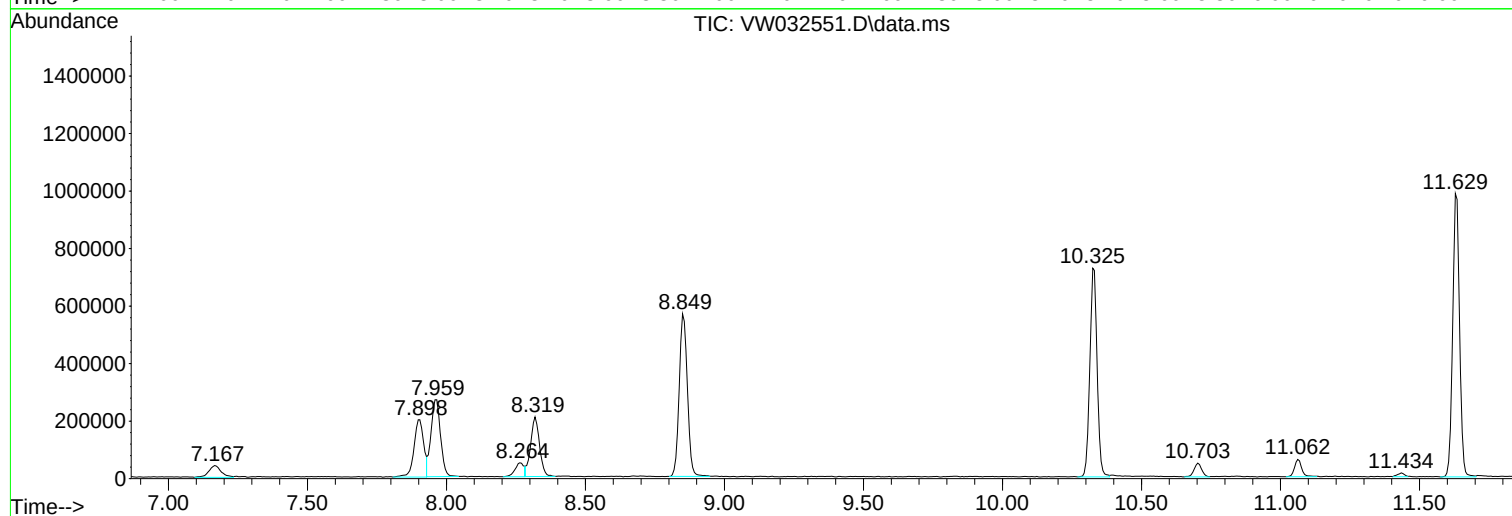
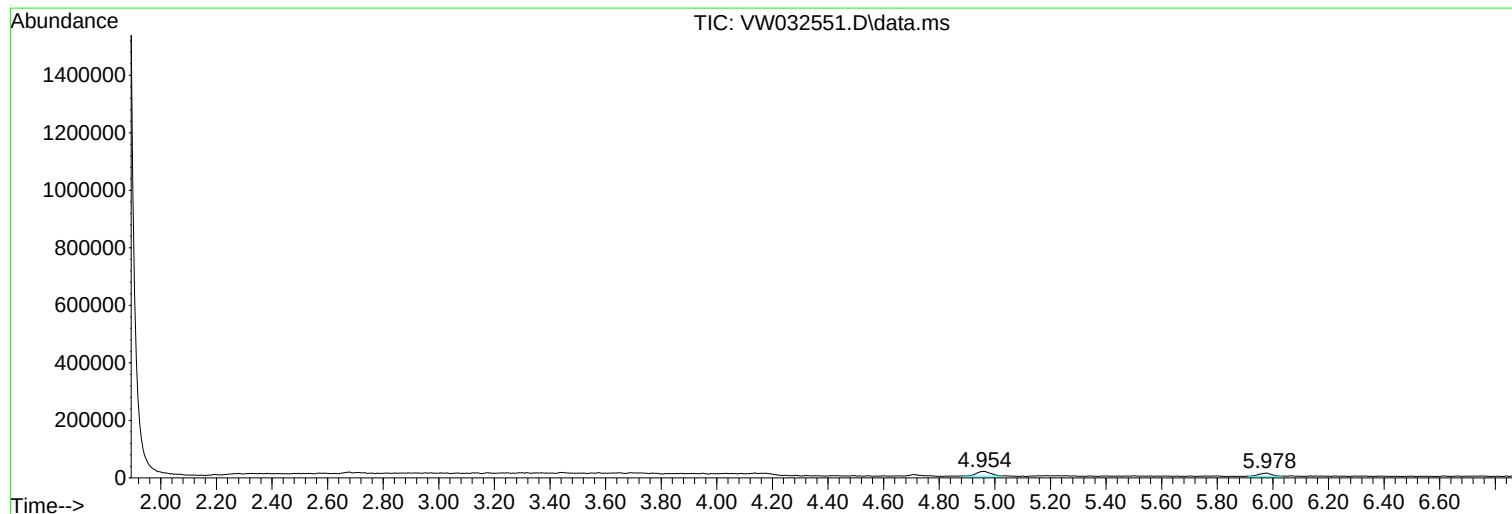
Sum of corrected areas: 9135868

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032551.D
Acq On : 26 Nov 2025 17:55
Operator : SY/MD
Sample : Q3719-12
Misc : 4.51g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032551.D
Acq On : 26 Nov 2025 17:55
Operator : SY/MD
Sample : Q3719-12
Misc : 4.51g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032551.D
Acq On : 26 Nov 2025 17:55
Operator : SY/MD
Sample : Q3719-12
Misc : 4.51g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023834.D
 Acq On : 01 Dec 2025 11:25
 Operator : SY/MD
 Sample : Q3719-13
 Misc : 4.89g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-17A

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

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	710245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1310532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1122921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	427893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	441595	63.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.680%
35) Dibromofluoromethane	7.640	113	426470	54.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.109	98	1552670	50.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.408	95	442861	43.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.300%

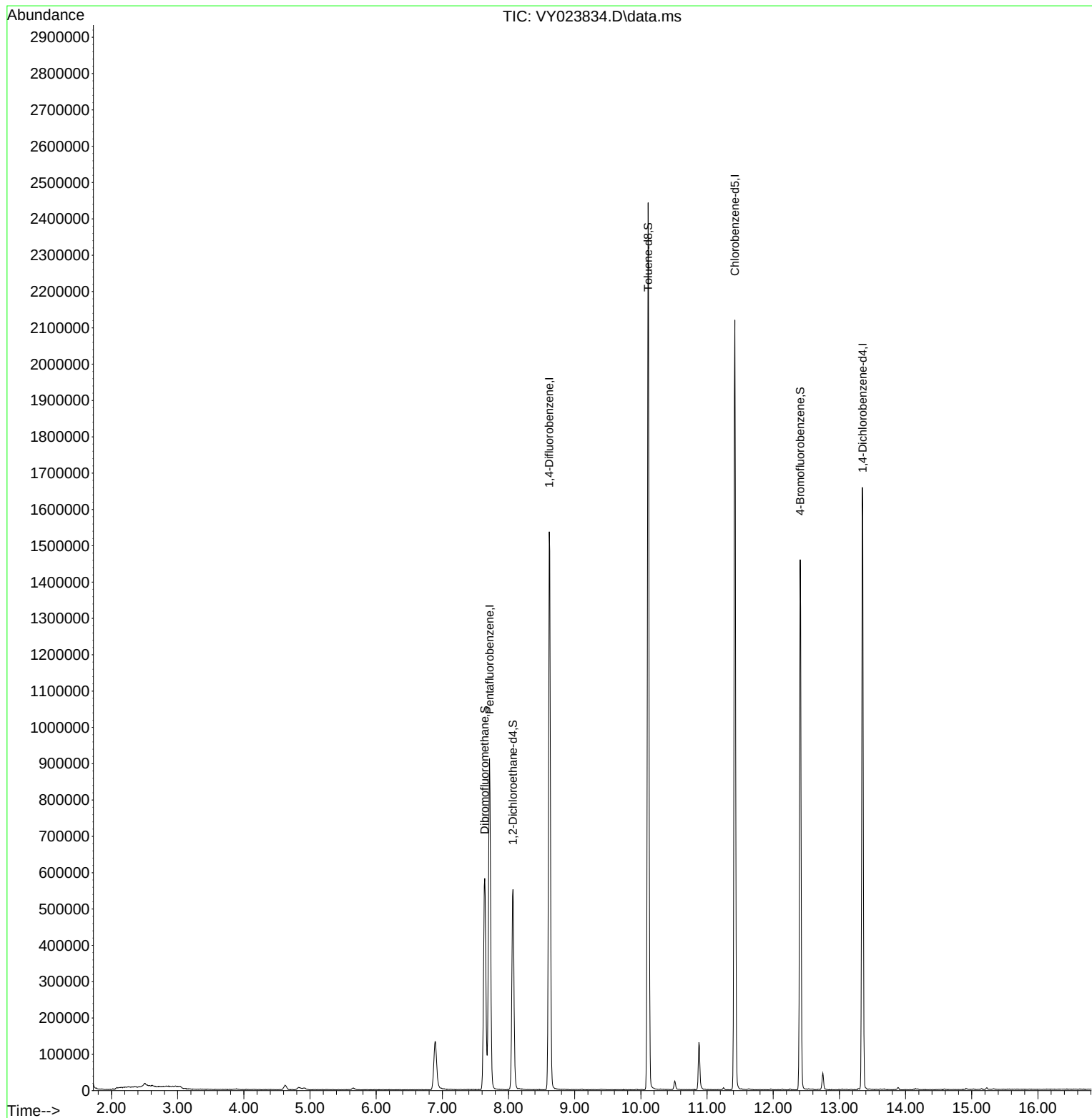
Target Compounds	Qvalue

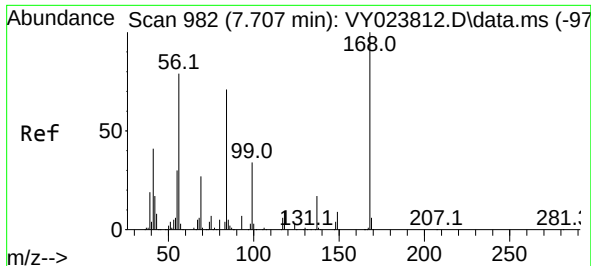
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023834.D
Acq On : 01 Dec 2025 11:25
Operator : SY/MD
Sample : Q3719-13
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-17A

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

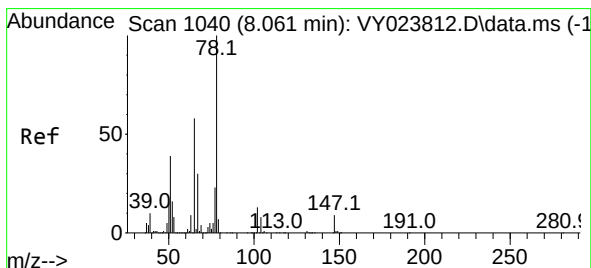
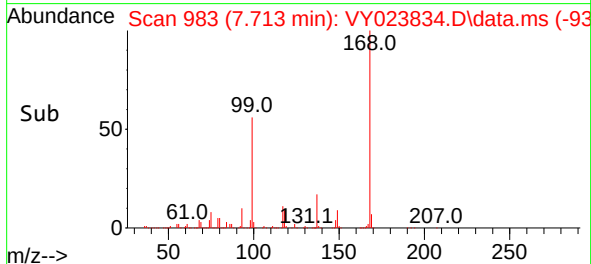
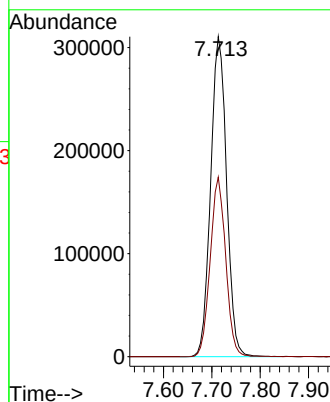
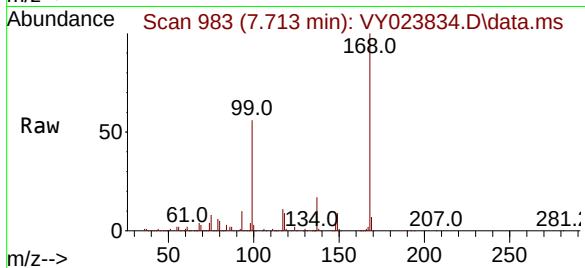




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023834.D
Acq: 01 Dec 2025 11:25

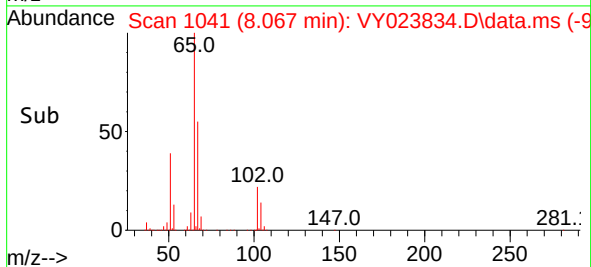
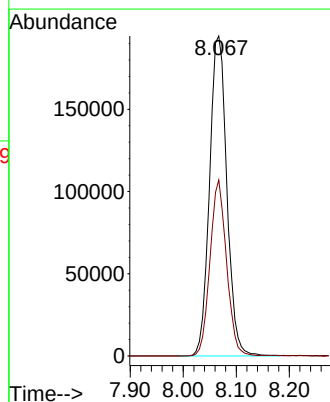
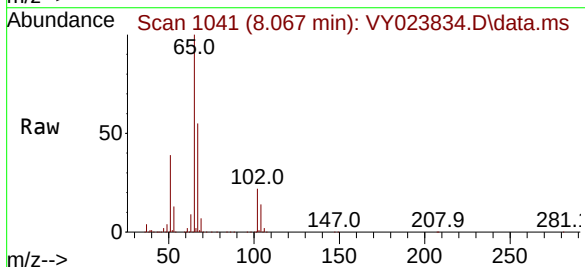
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-17A

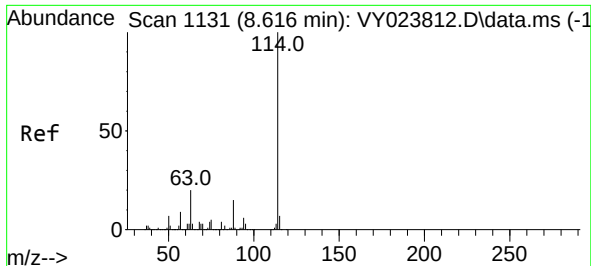
Tgt Ion:168 Resp: 710245
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 63.845 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023834.D
Acq: 01 Dec 2025 11:25

Tgt Ion: 65 Resp: 441595
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

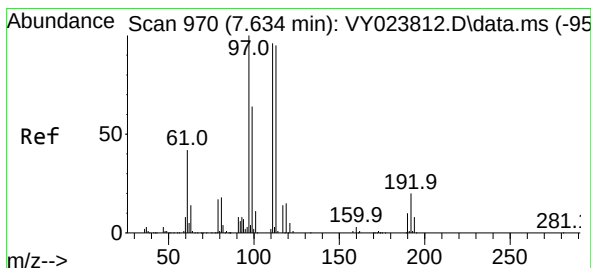
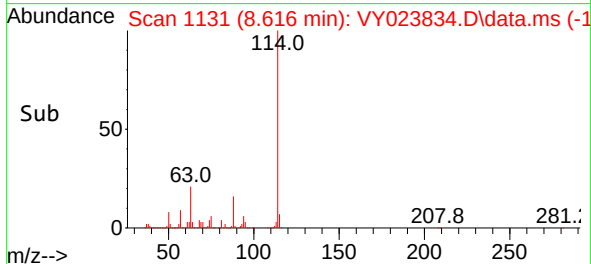
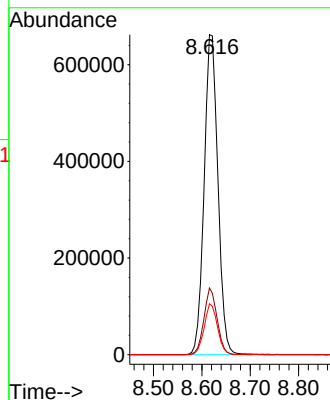
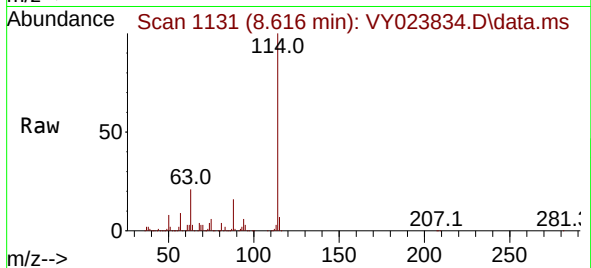




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023834.D
Acq: 01 Dec 2025 11:25

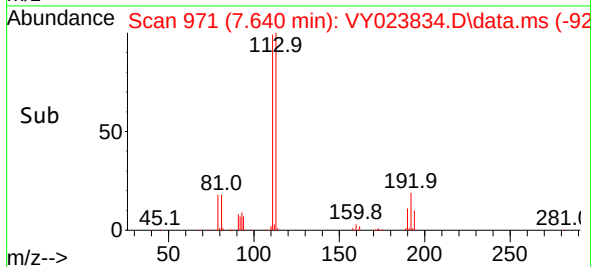
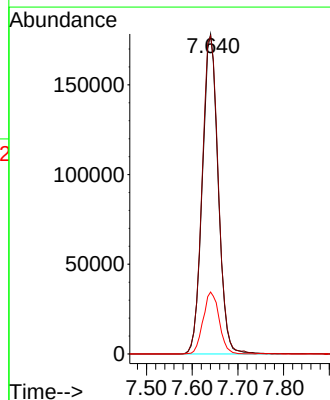
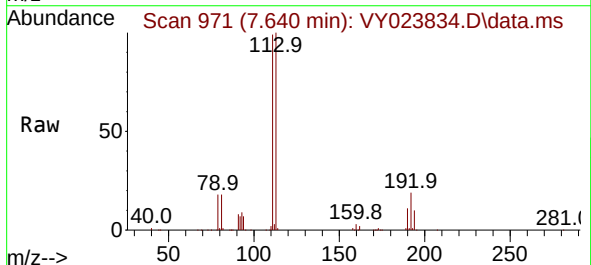
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-17A

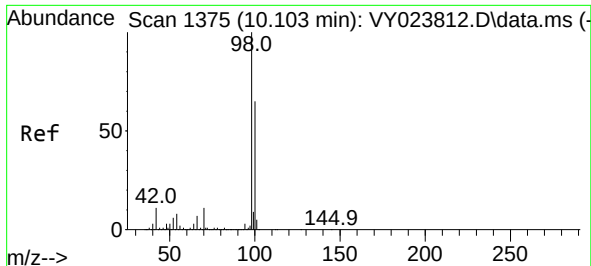
Tgt Ion:114 Resp: 1310532
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.4
88 15.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.933 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023834.D
Acq: 01 Dec 2025 11:25

Tgt Ion:113 Resp: 426470
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.7 15.8 23.8

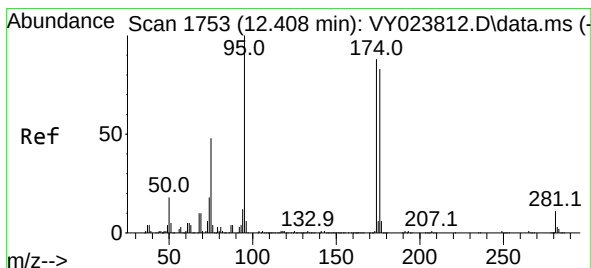
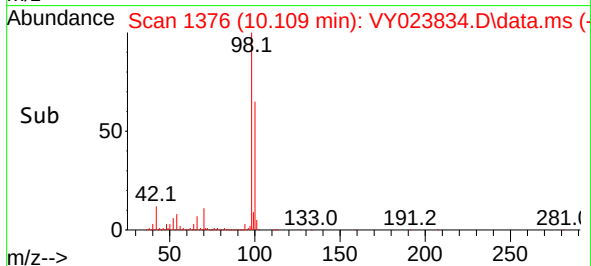
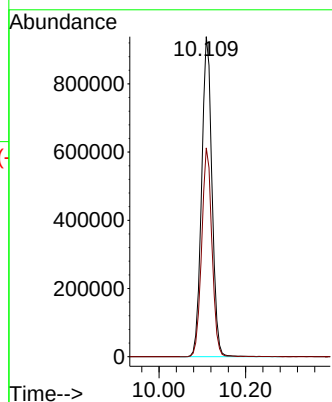
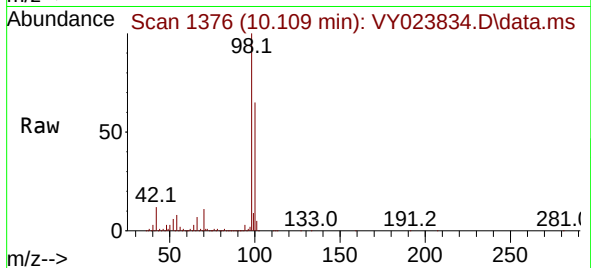




#50
Toluene-d8
Concen: 50.352 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023834.D
Acq: 01 Dec 2025 11:25

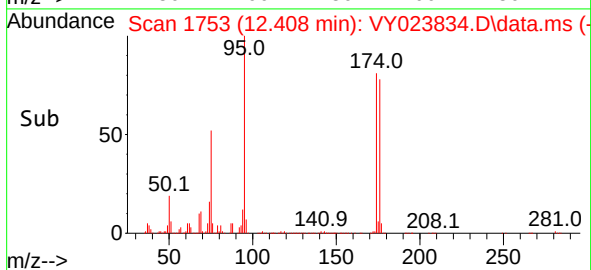
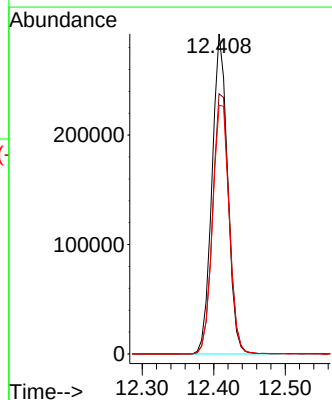
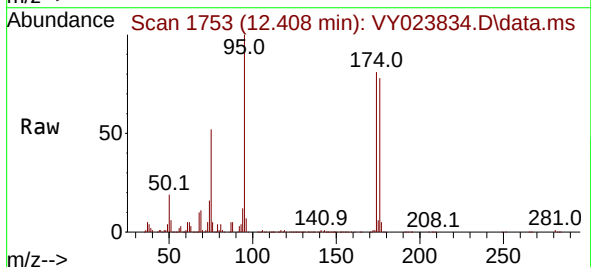
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-17A

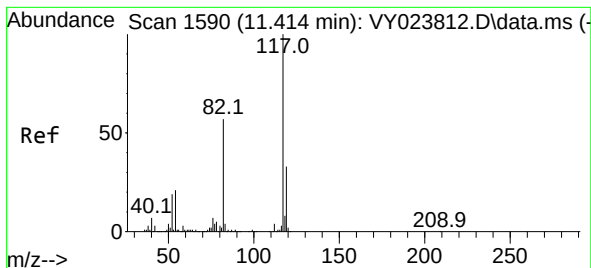
Tgt Ion: 98 Resp: 1552670
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.648 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023834.D
Acq: 01 Dec 2025 11:25

Tgt Ion: 95 Resp: 442861
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.6
176 83.0 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023834.D

Acq: 01 Dec 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-17A

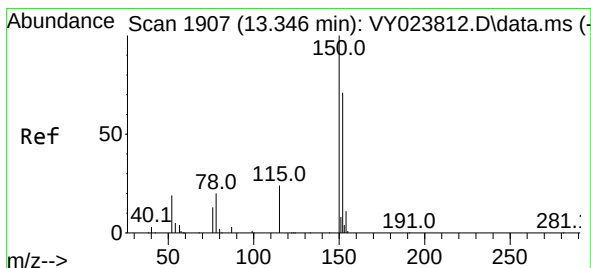
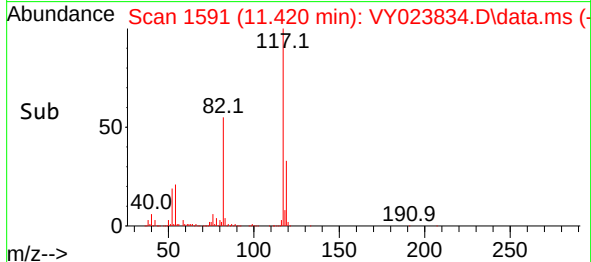
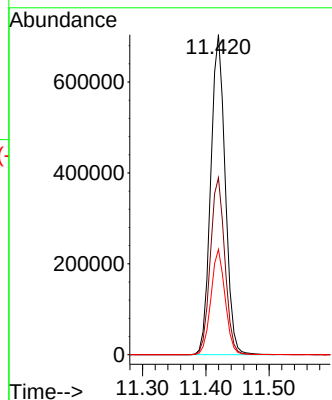
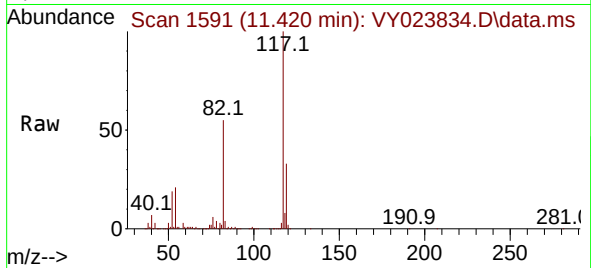
Tgt Ion:117 Resp: 1122921

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 33.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023834.D

Acq: 01 Dec 2025 11:25

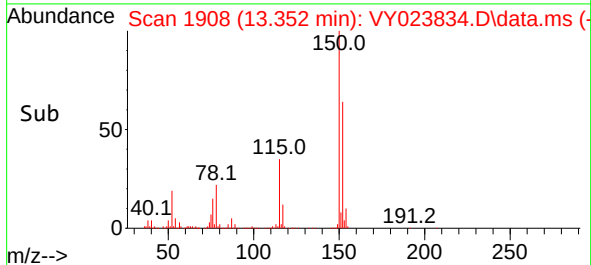
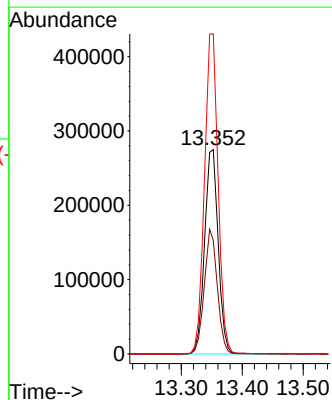
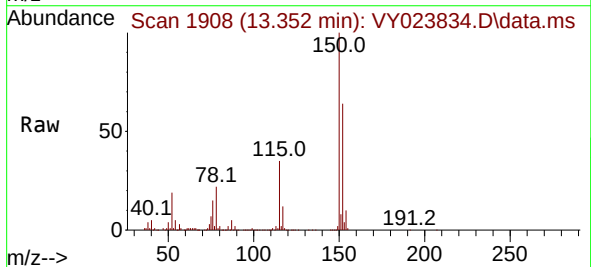
Tgt Ion:152 Resp: 427893

Ion Ratio Lower Upper

152 100

115 58.4 28.7 86.3

150 156.9 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023834.D
 Acq On : 01 Dec 2025 11:25
 Operator : SY/MD
 Sample : Q3719-13
 Misc : 4.89g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-17A

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : SW846 8260

Signal : TIC: VY023834.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.890	838	848	866	rBV	132420	425952	10.45%	2.045%
2	7.640	961	971	977	rBV	581700	1412919	34.67%	6.782%
3	7.713	977	983	997	rVB	909994	2055648	50.45%	9.867%
4	8.067	1030	1041	1053	rBV	551540	1248403	30.64%	5.992%
5	8.616	1122	1131	1145	rBV	1536220	3003585	73.71%	14.417%
6	10.109	1367	1376	1398	rBV	2442295	4074996	100.00%	19.560%
7	10.512	1436	1442	1451	rBV2	23247	41554	1.02%	0.199%
8	10.877	1496	1502	1513	rBV	130493	226391	5.56%	1.087%
9	11.420	1583	1591	1606	rBV	2118653	3410125	83.68%	16.368%
10	12.408	1746	1753	1766	rBV	1459578	2305716	56.58%	11.067%
11	12.749	1801	1809	1815	rBV	45392	76975	1.89%	0.369%
12	13.346	1900	1907	1921	rVB	1657517	2551482	62.61%	12.247%

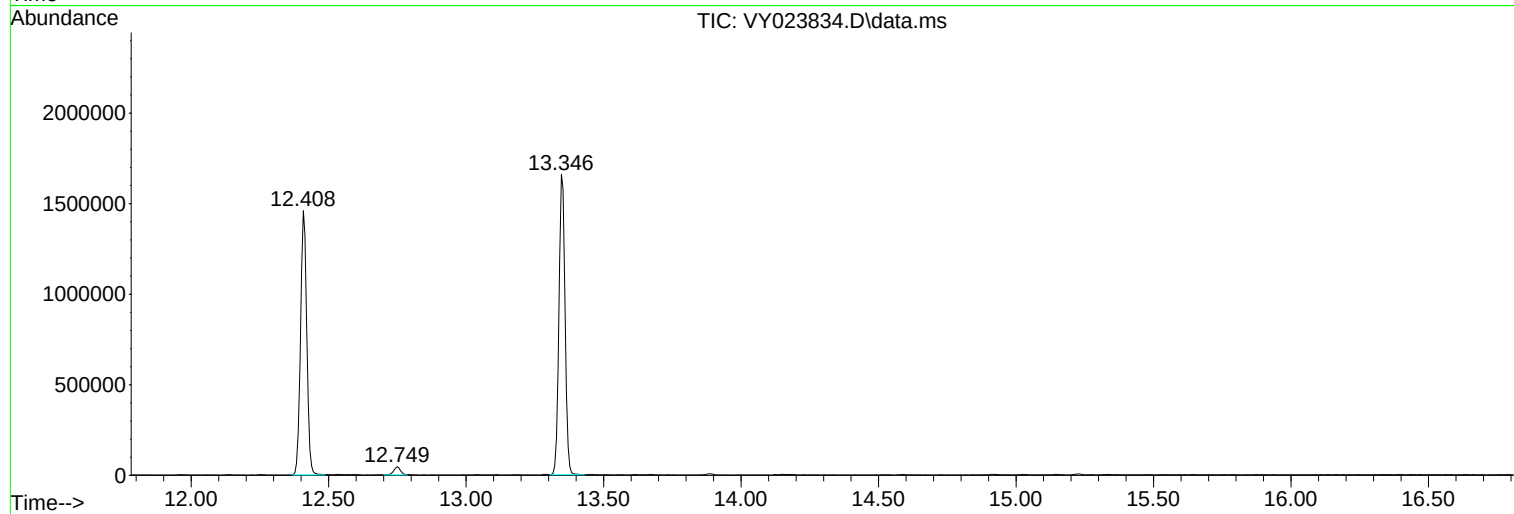
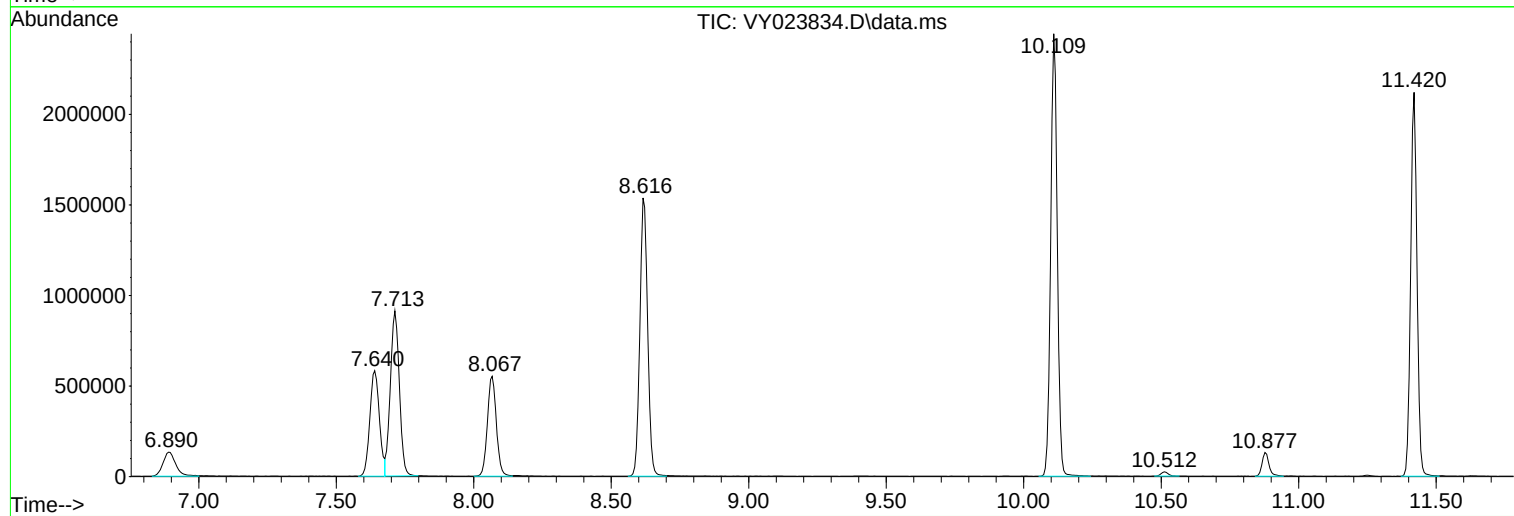
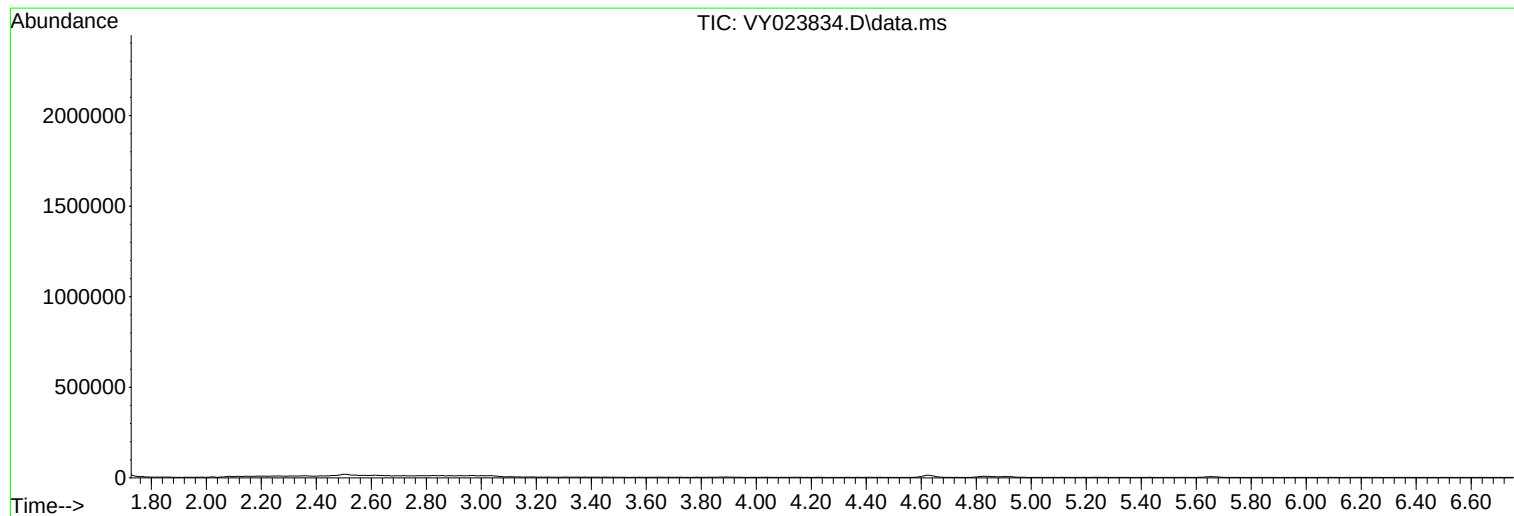
Sum of corrected areas: 20833746

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023834.D
Acq On : 01 Dec 2025 11:25
Operator : SY/MD
Sample : Q3719-13
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-17A

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023834.D
Acq On : 01 Dec 2025 11:25
Operator : SY/MD
Sample : Q3719-13
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-17A

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

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023834.D
Acq On : 01 Dec 2025 11:25
Operator : SY/MD
Sample : Q3719-13
Misc : 4.89g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-17A

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032555.D
 Acq On : 26 Nov 2025 19:23
 Operator : SY/MD
 Sample : Q3719-14
 Misc : 4.27g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-17B

Quant Time: Nov 27 00:32:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

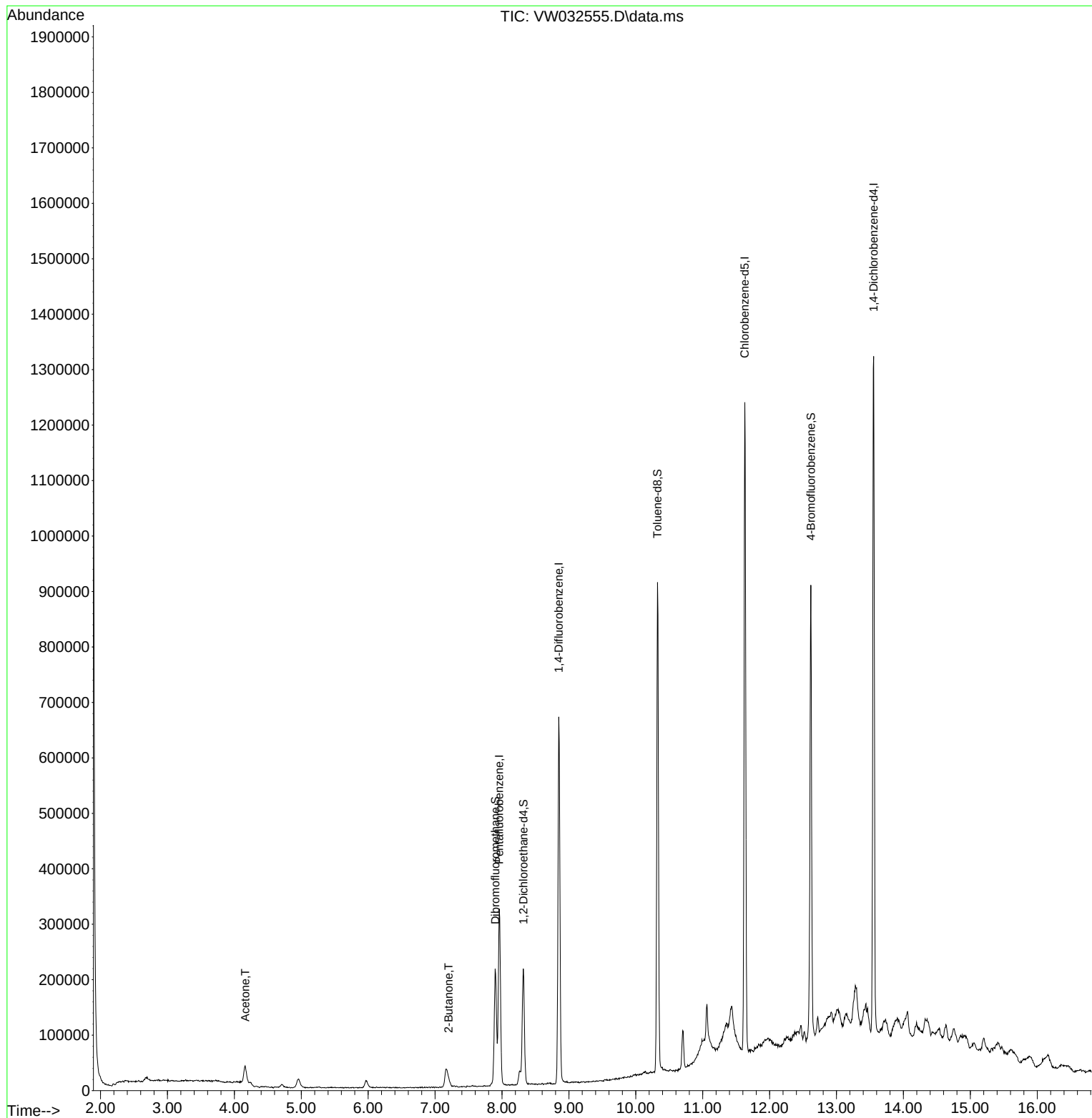
Internal Standards						
1) Pentafluorobenzene	7.959	168	212464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	543417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	642461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	328212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	169877	62.018	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	124.040%
35) Dibromofluoromethane	7.898	113	156833	48.203	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.400%
50) Toluene-d8	10.324	98	568078	45.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.617	95	281208	59.640	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	119.280%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	57001	69.557	ug/l	91
25) 2-Butanone	7.203	43	22298	18.469	ug/l #	87

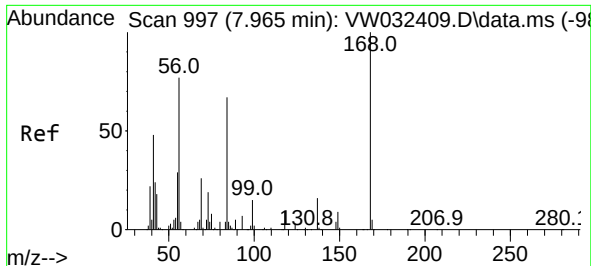
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032555.D
Acq On : 26 Nov 2025 19:23
Operator : SY/MD
Sample : Q3719-14
Misc : 4.27g/5mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

Quant Time: Nov 27 00:32:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

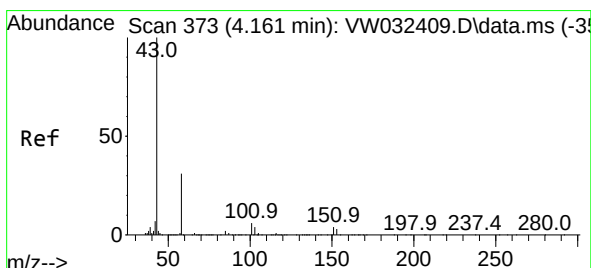
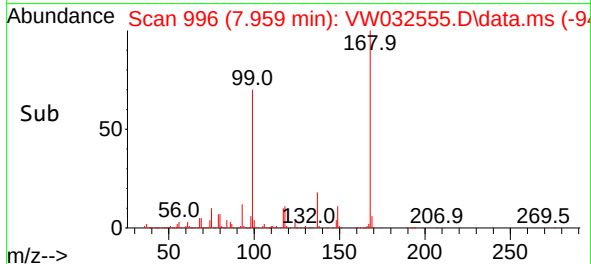
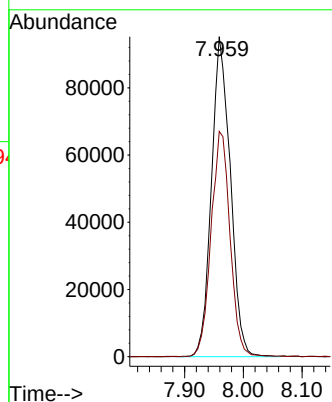
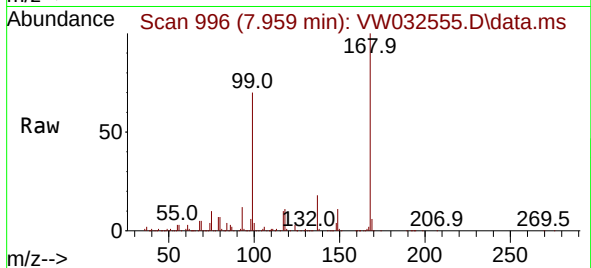




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

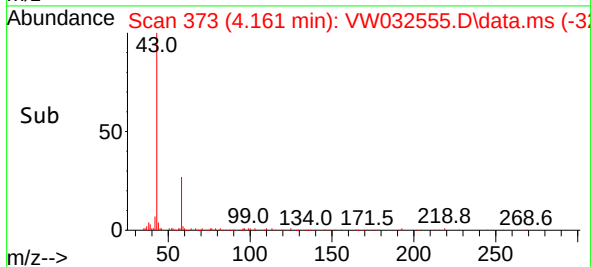
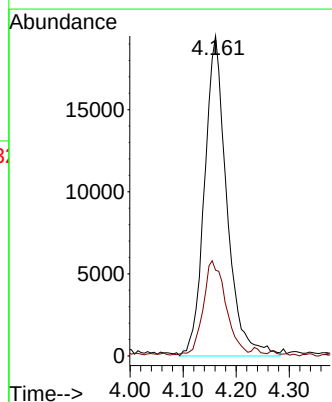
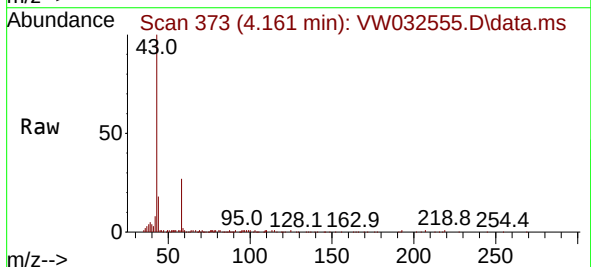
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

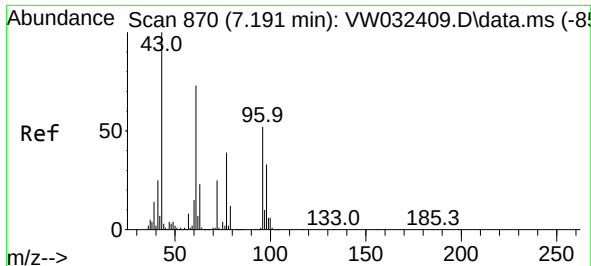
Tgt Ion:168 Resp: 212464
Ion Ratio Lower Upper
168 100
99 70.3 45.4 68.2#



#16
Acetone
Concen: 69.557 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion: 43 Resp: 57001
Ion Ratio Lower Upper
43 100
58 26.2 24.8 37.2

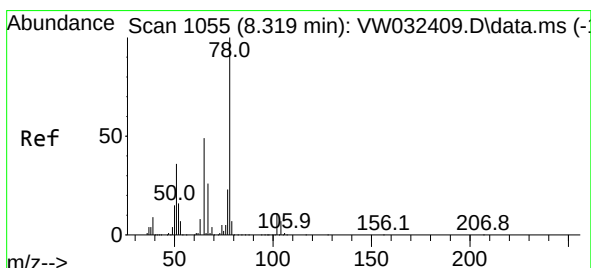
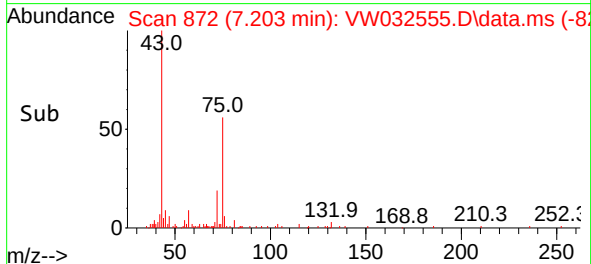
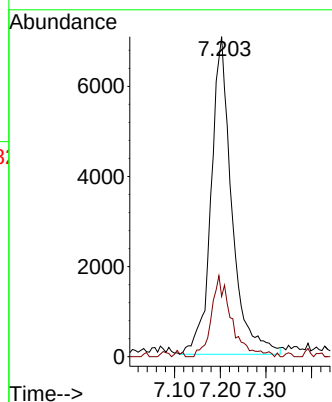
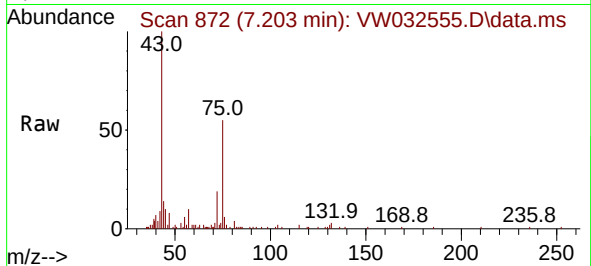




#25
2-Butanone
Concen: 18.469 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

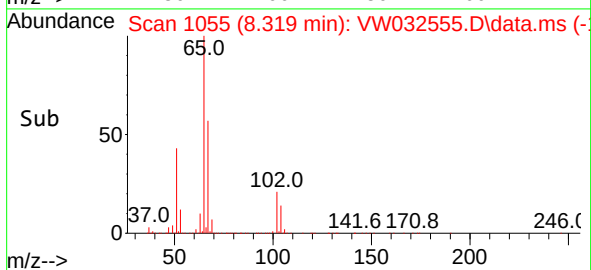
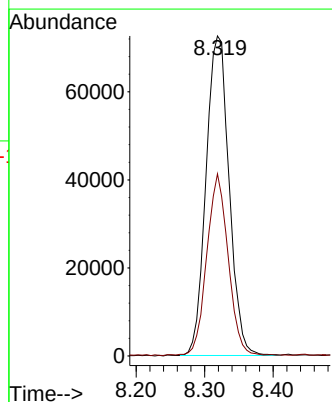
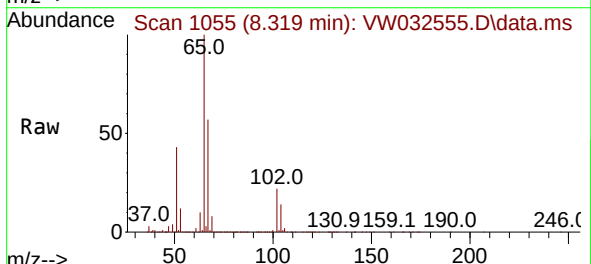
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

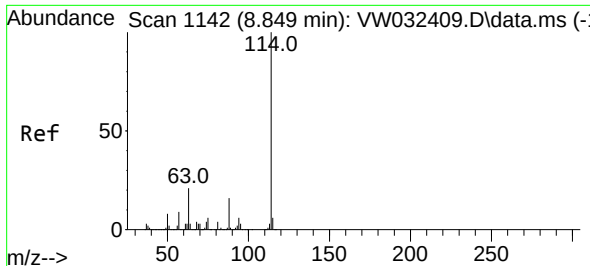
Tgt Ion: 43 Resp: 22298
Ion Ratio Lower Upper
43 100
72 18.3 20.0 30.0#



#33
1,2-Dichloroethane-d4
Concen: 62.018 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion: 65 Resp: 169877
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8

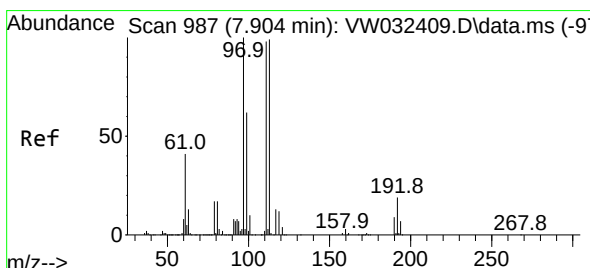
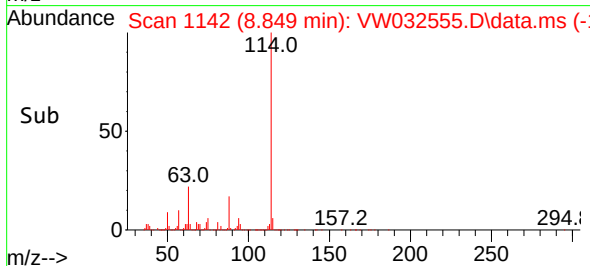
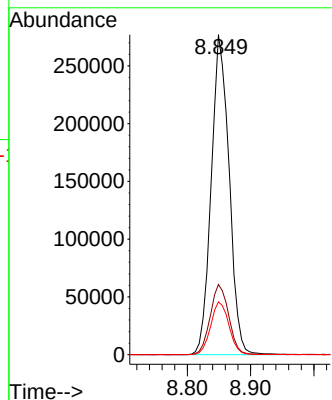
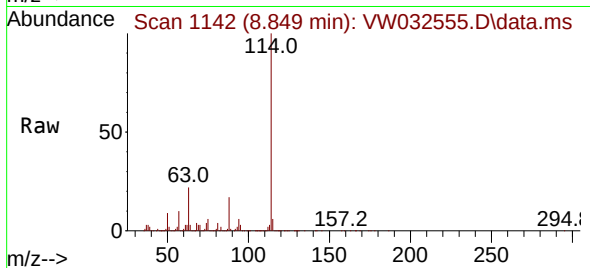




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

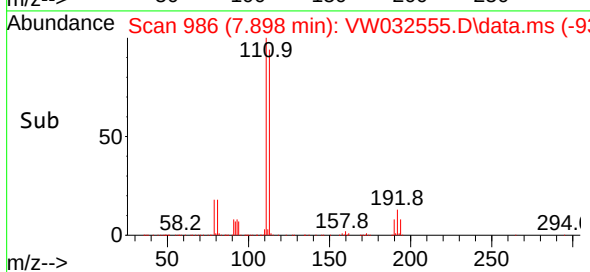
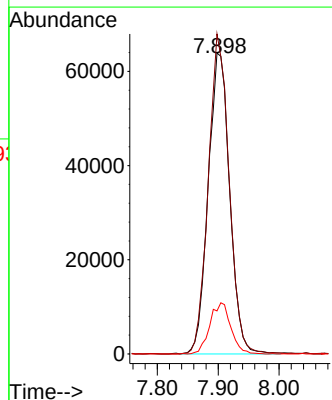
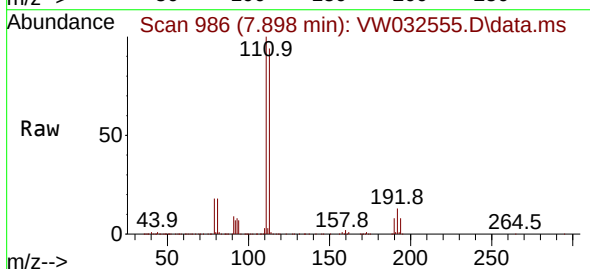
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

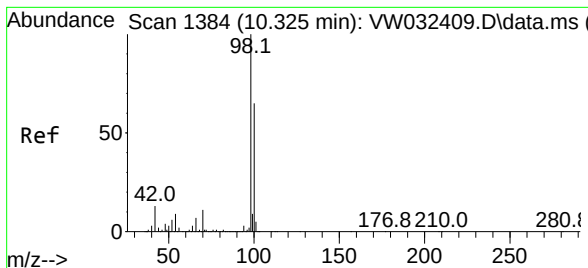
Tgt Ion:114 Resp: 543417
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.203 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion:113 Resp: 156833
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.6 13.4 20.2

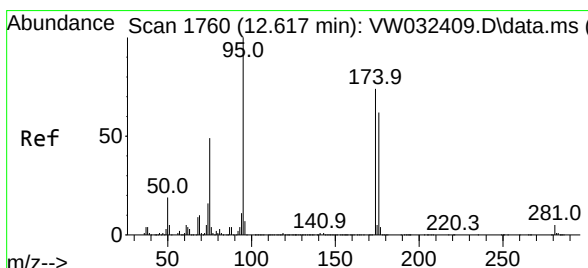
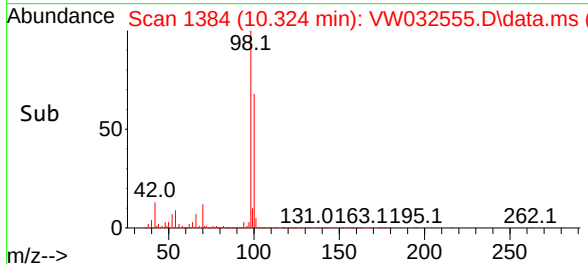
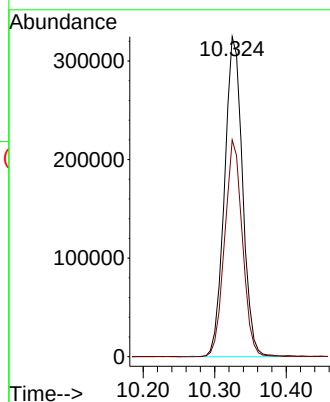
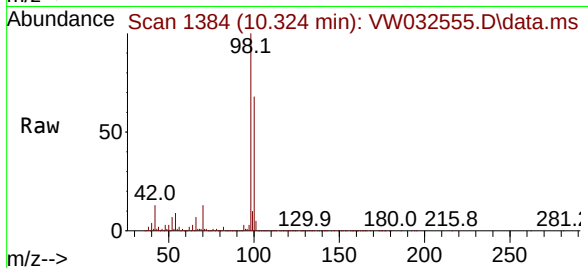




#50
Toluene-d8
Concen: 45.513 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

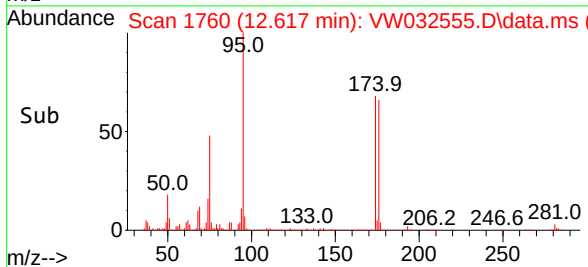
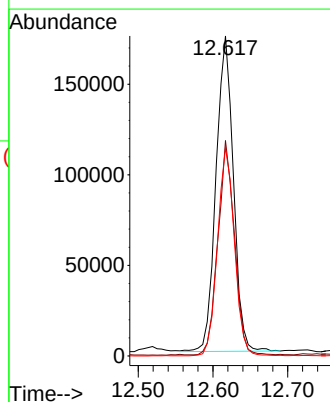
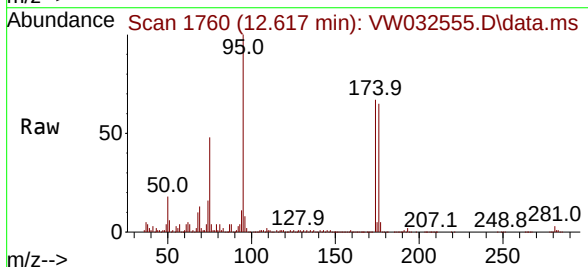
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

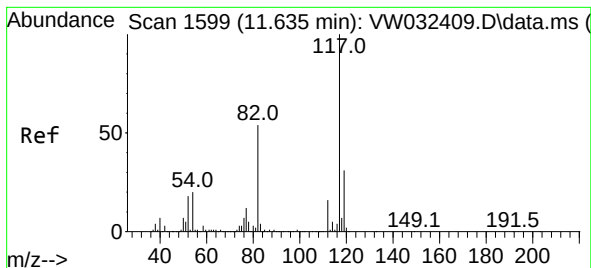
Tgt Ion: 98 Resp: 568078
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 59.640 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion: 95 Resp: 281208
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.4
176 64.3 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032555.D

Acq: 26 Nov 2025 19:23

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-17B

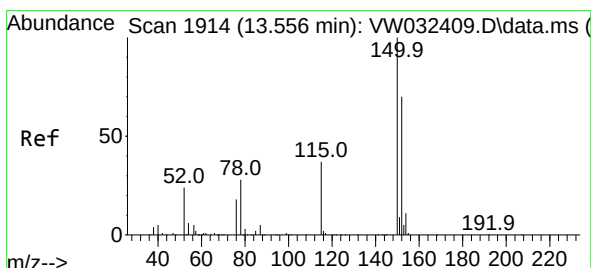
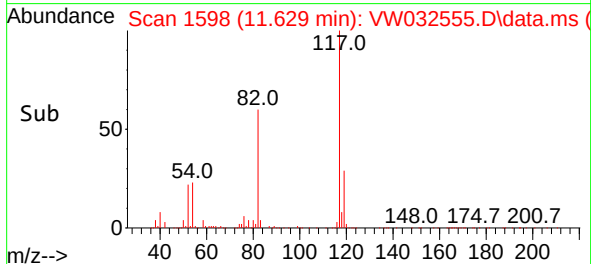
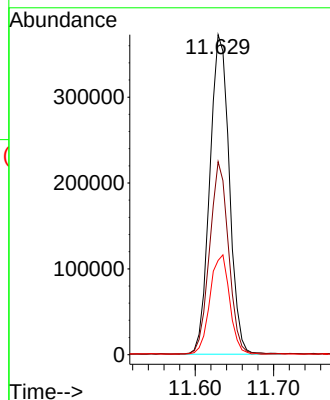
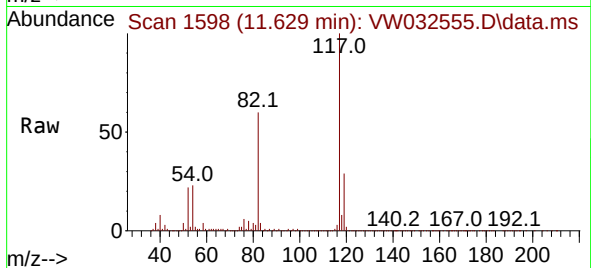
Tgt Ion:117 Resp: 642461

Ion Ratio Lower Upper

117 100

82 60.1 43.0 64.4

119 29.3 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032555.D

Acq: 26 Nov 2025 19:23

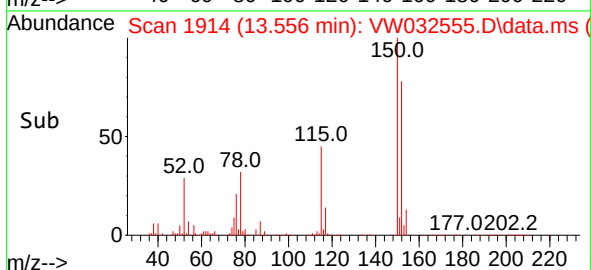
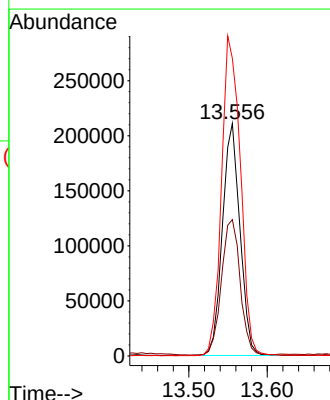
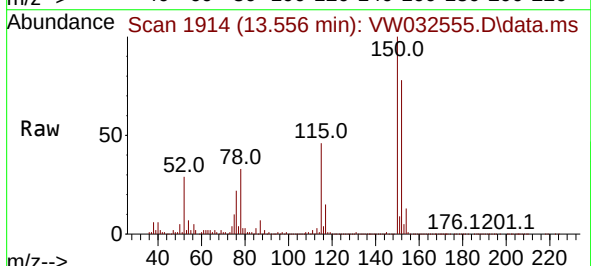
Tgt Ion:152 Resp: 328212

Ion Ratio Lower Upper

152 100

115 62.6 32.8 98.3

150 148.1 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032555.D
Acq On : 26 Nov 2025 19:23
Operator : SY/MD
Sample : Q3719-14
Misc : 4.27g/5mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032555.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.161	365	373	382	rVB2	30532	85935	4.19%	0.799%
2	4.960	494	504	515	rVB2	14776	50135	2.45%	0.466%
3	5.965	660	669	679	rBV4	13190	42430	2.07%	0.394%
4	7.166	857	866	879	rBV2	32605	126882	6.19%	1.179%
5	7.898	973	986	991	rBV2	211493	517309	25.25%	4.808%
6	7.959	991	996	1008	rVB	317463	719510	35.11%	6.687%
7	8.264	1037	1046	1049	rBV2	25539	62170	3.03%	0.578%
8	8.319	1049	1055	1066	rVB	208815	476634	23.26%	4.430%
9	8.849	1133	1142	1153	rBV	661823	1334762	65.14%	12.406%
10	10.324	1377	1384	1394	rBV	883561	1558639	76.07%	14.486%
11	10.702	1441	1446	1453	rVB	66366	123704	6.04%	1.150%
12	11.062	1501	1505	1519	rVB3	78977	182984	8.93%	1.701%
13	11.629	1592	1598	1607	rVB	1171007	2018345	98.50%	18.759%
14	12.617	1753	1760	1770	rVB	811813	1410803	68.85%	13.112%
15	13.556	1908	1914	1928	rVB	1219467	2049022	100.00%	19.044%

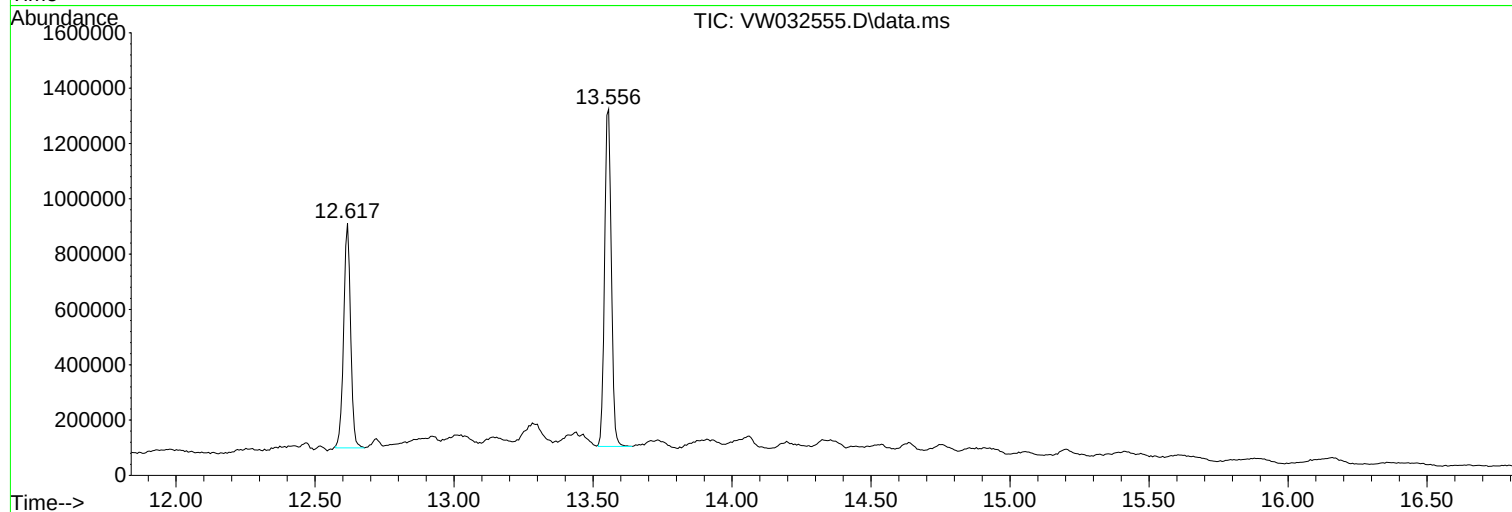
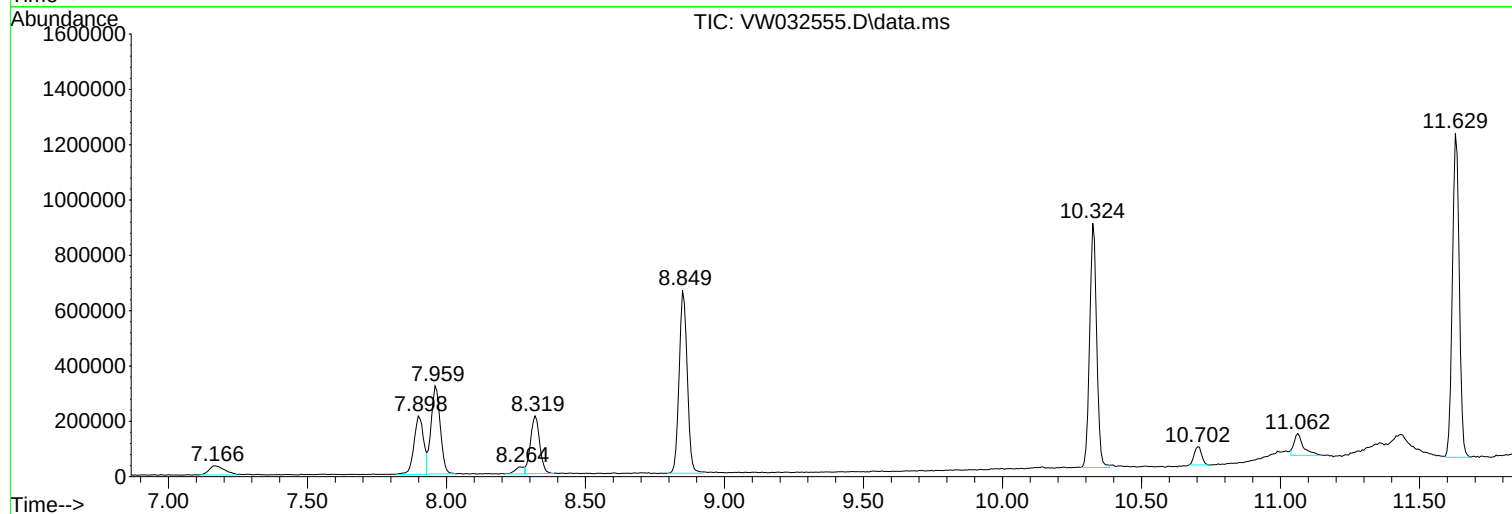
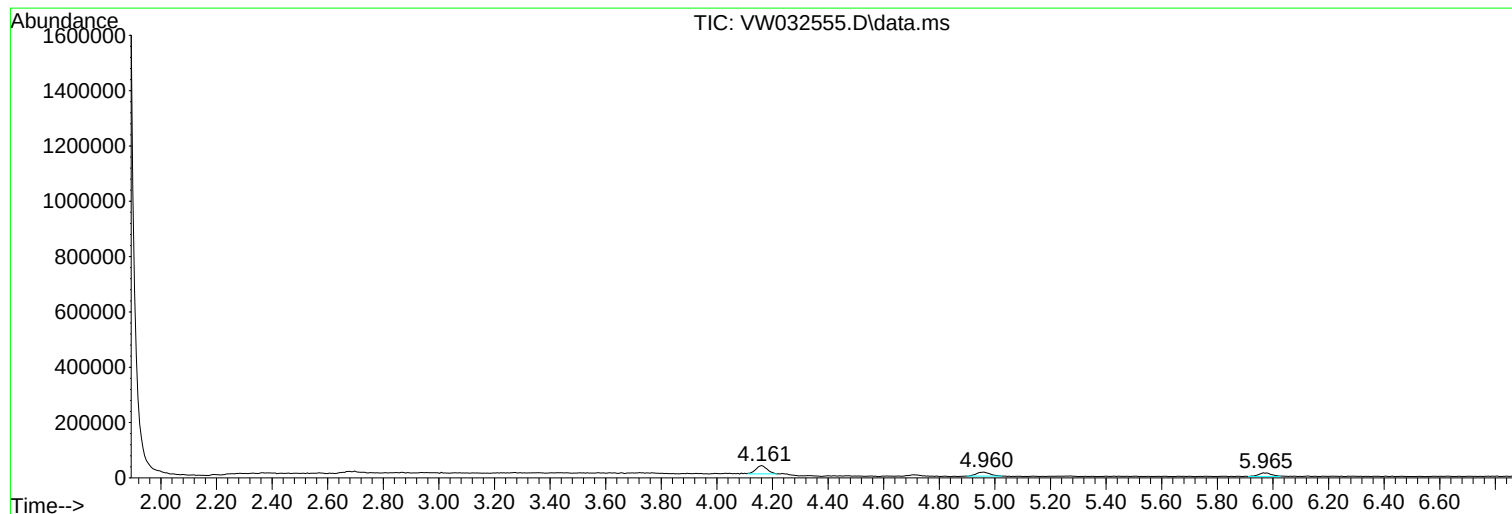
Sum of corrected areas: 10759264

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032555.D
Acq On : 26 Nov 2025 19:23
Operator : SY/MD
Sample : Q3719-14
Misc : 4.27g/5mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032555.D
Acq On : 26 Nov 2025 19:23
Operator : SY/MD
Sample : Q3719-14
Misc : 4.27g/5mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032555.D
Acq On : 26 Nov 2025 19:23
Operator : SY/MD
Sample : Q3719-14
Misc : 4.27g/5mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032530.D
 Acq On : 25 Nov 2025 09:57
 Operator : SY/MD
 Sample : VW1125SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBL01

Quant Time: Nov 26 01:37:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	312940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	616508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	570663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	260746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	240172	59.529	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	119.060%
35) Dibromofluoromethane	7.898	113	201862	54.688	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	109.380%
50) Toluene-d8	10.325	98	732098	51.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.617	95	270484	50.564	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.120%

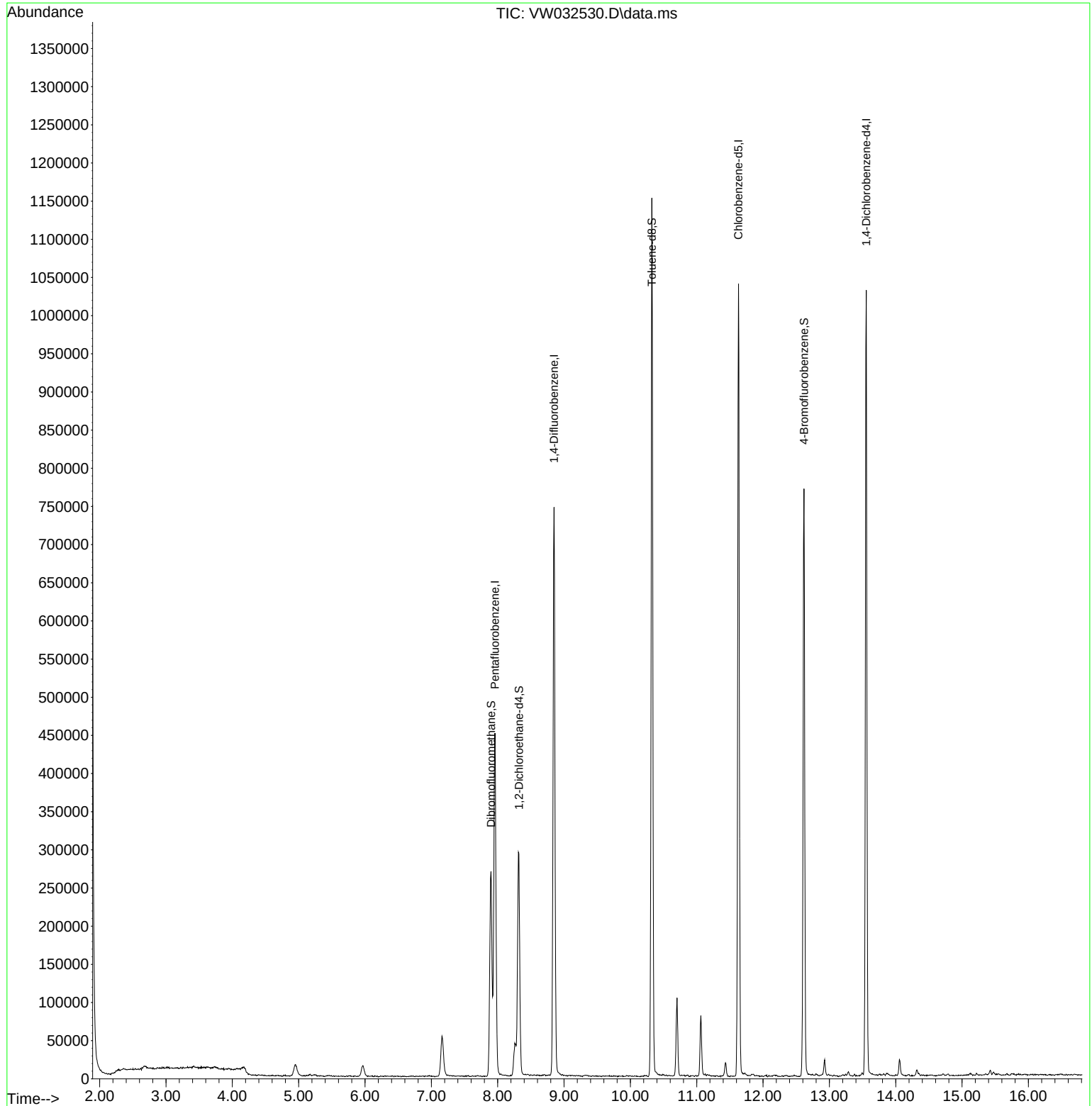
Target Compounds	Qvalue

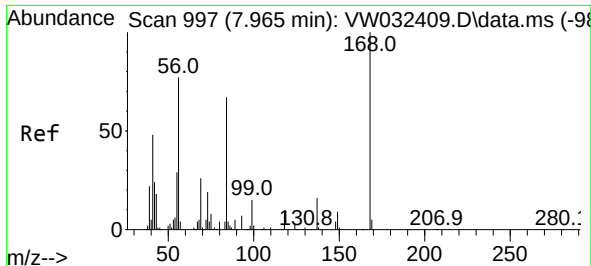
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032530.D
Acq On : 25 Nov 2025 09:57
Operator : SY/MD
Sample : VW1125SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

Quant Time: Nov 26 01:37:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

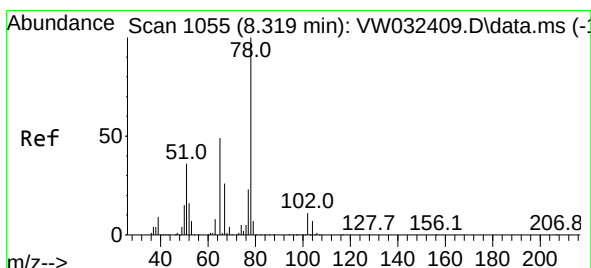
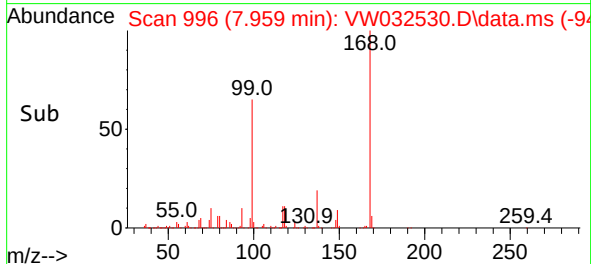
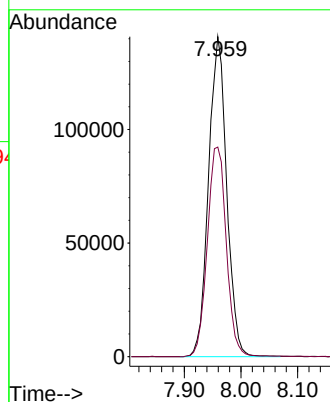
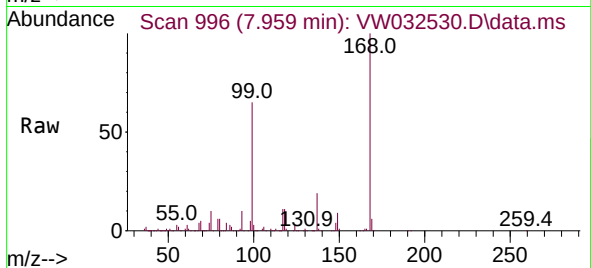




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

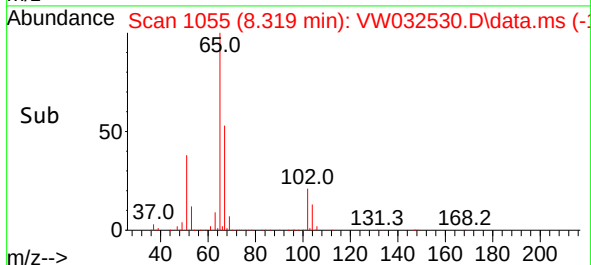
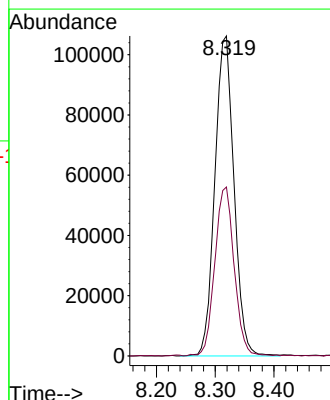
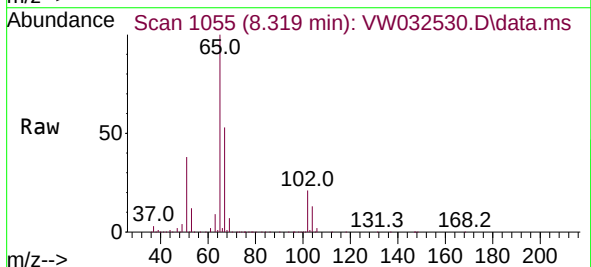
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

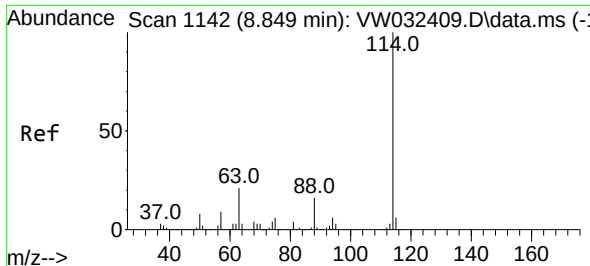
Tgt Ion:168 Resp: 312940
Ion Ratio Lower Upper
168 100
99 65.5 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 59.529 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 65 Resp: 240172
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.8

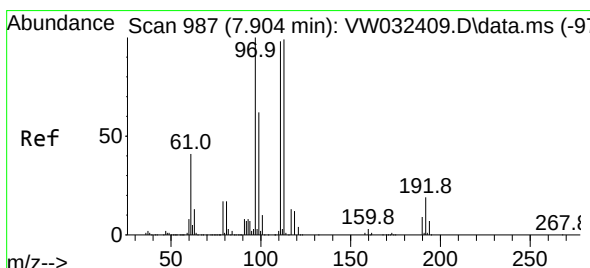
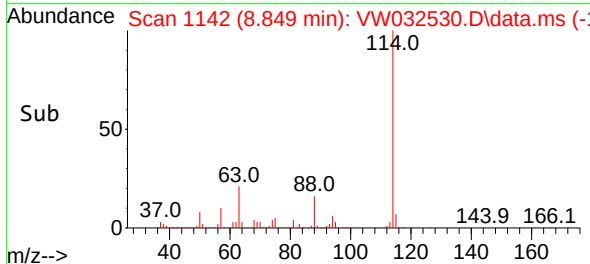
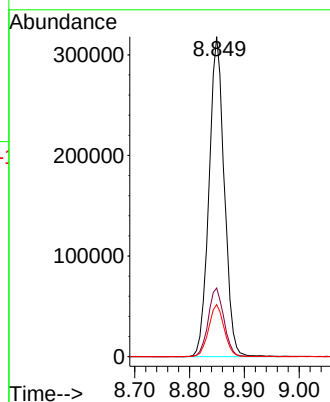
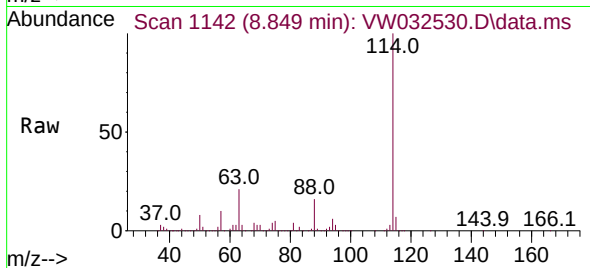




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

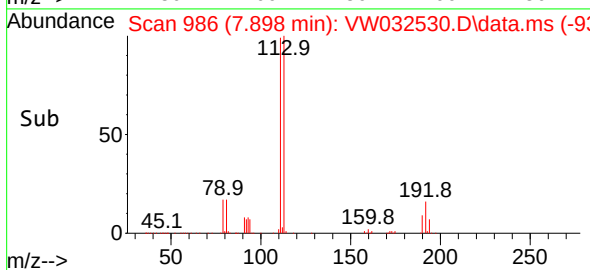
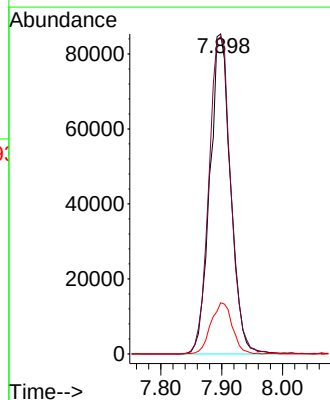
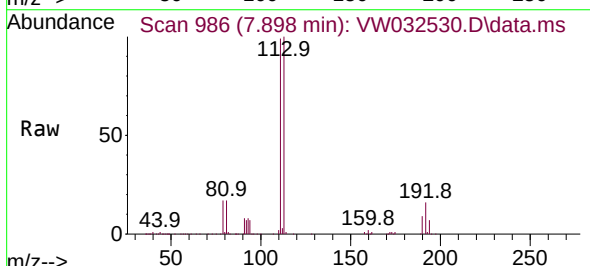
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

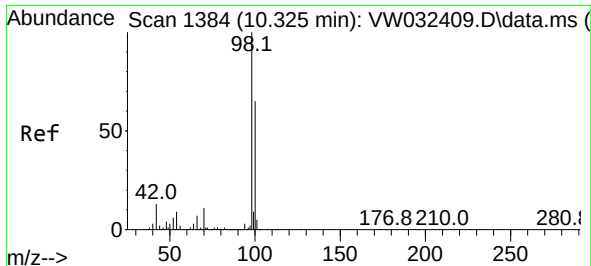
Tgt Ion:	114	Resp:	616508
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	16.2	0.0	32.6



#35
Dibromofluoromethane
Concen: 54.688 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion:	113	Resp:	201862
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.1	124.7
192	16.5	13.4	20.2

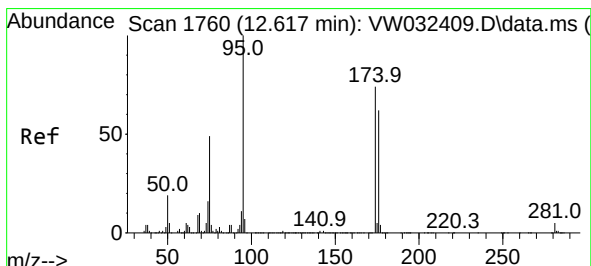
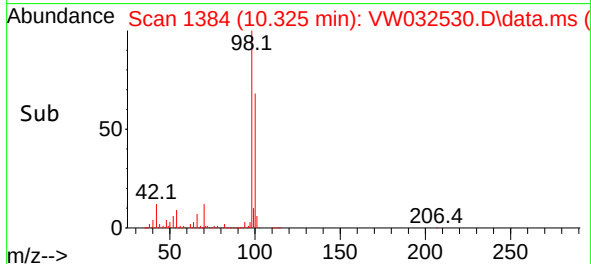
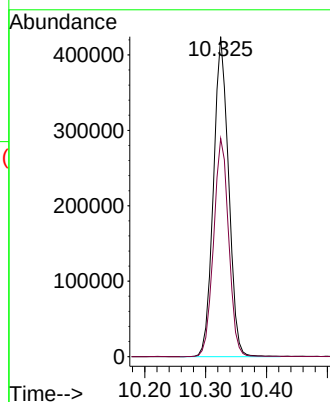
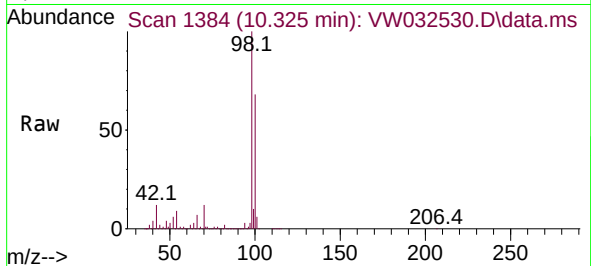




#50
Toluene-d8
Concen: 51.700 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

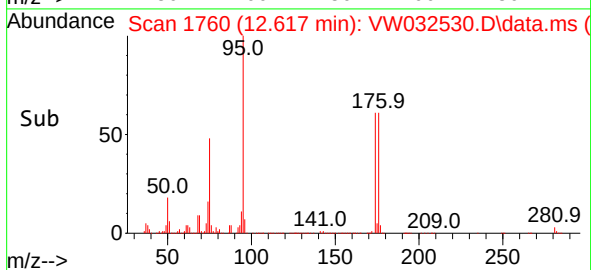
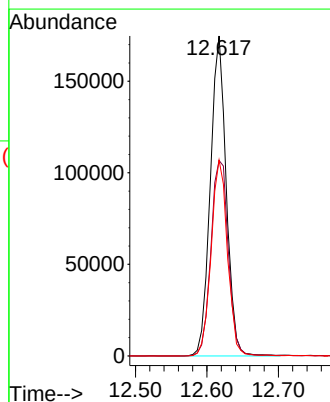
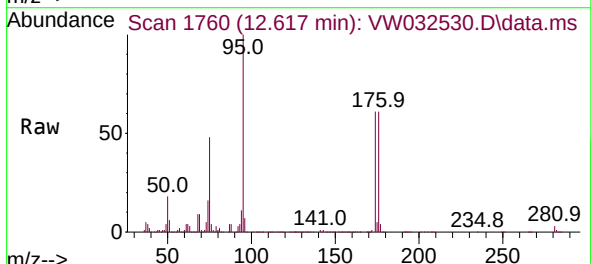
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

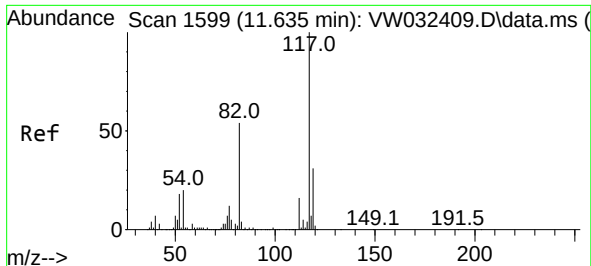
Tgt Ion: 98 Resp: 732098
Ion Ratio Lower Upper
98 100
100 67.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.564 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion: 95 Resp: 270484
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.4
176 62.9 0.0 131.8

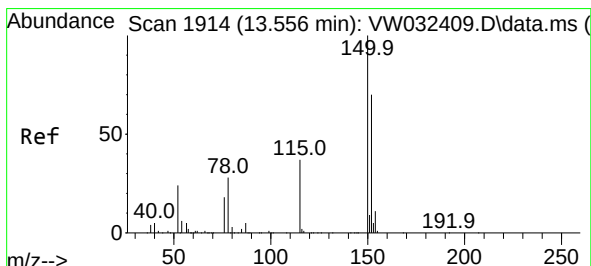
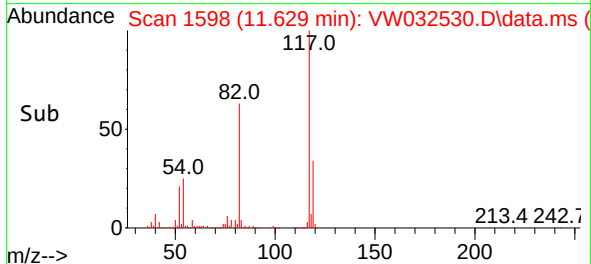
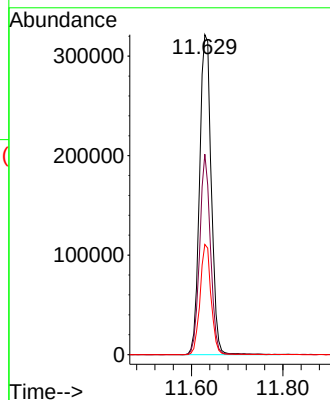
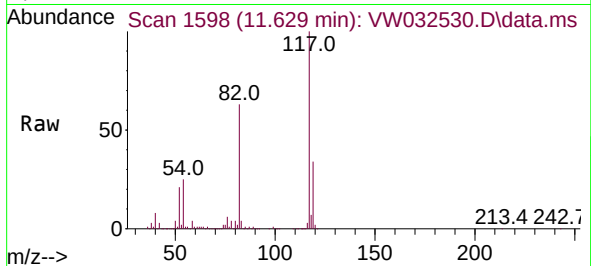




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

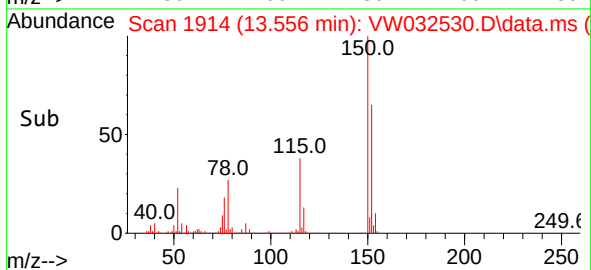
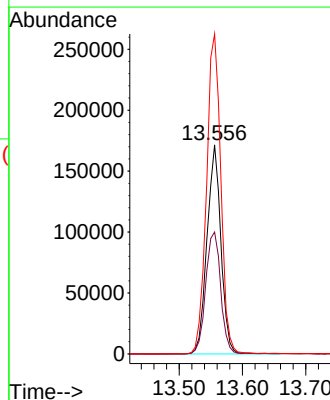
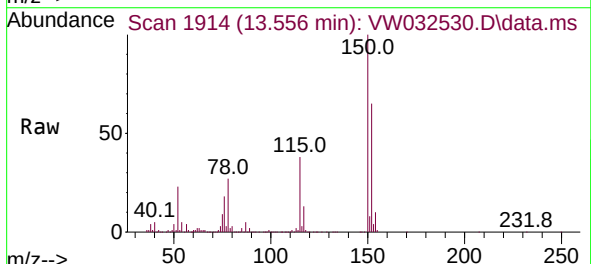
Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

Tgt Ion:117 Resp: 570663
Ion Ratio Lower Upper
117 100
82 62.6 43.0 64.4
119 34.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032530.D
Acq: 25 Nov 2025 09:57

Tgt Ion:152 Resp: 260746
Ion Ratio Lower Upper
152 100
115 62.9 32.8 98.3
150 157.3 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032530.D
 Acq On : 25 Nov 2025 09:57
 Operator : SY/MD
 Sample : VW1125SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032530.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	494	503	516	rBV3	14286	49435	2.47%	0.437%
2	5.966	658	669	681	rVB4	14454	47156	2.36%	0.417%
3	7.161	855	865	877	rBV	52439	152862	7.65%	1.352%
4	7.898	974	986	990	rBV	268545	634052	31.72%	5.608%
5	7.959	990	996	1008	rVB	447894	1037495	51.90%	9.177%
6	8.258	1036	1045	1048	rBV2	42716	99766	4.99%	0.882%
7	8.313	1048	1054	1070	rVB	292107	678283	33.93%	6.000%
8	8.849	1132	1142	1157	rBV	744597	1485683	74.33%	13.141%
9	10.325	1375	1384	1393	rBV	1151219	1998880	100.00%	17.680%
10	10.703	1439	1446	1454	rVB	102054	175813	8.80%	1.555%
11	11.062	1498	1505	1513	rBV	79195	136183	6.81%	1.205%
12	11.434	1560	1566	1572	rVB3	17775	32352	1.62%	0.286%
13	11.629	1587	1598	1611	rBV	1038644	1777123	88.91%	15.719%
14	12.617	1749	1760	1770	rBV	770125	1293949	64.73%	11.445%
15	12.928	1802	1811	1817	rBV2	20381	34264	1.71%	0.303%
16	13.556	1907	1914	1928	rBV	1027935	1635914	81.84%	14.470%
17	14.056	1991	1996	2002	rBV2	20674	36435	1.82%	0.322%

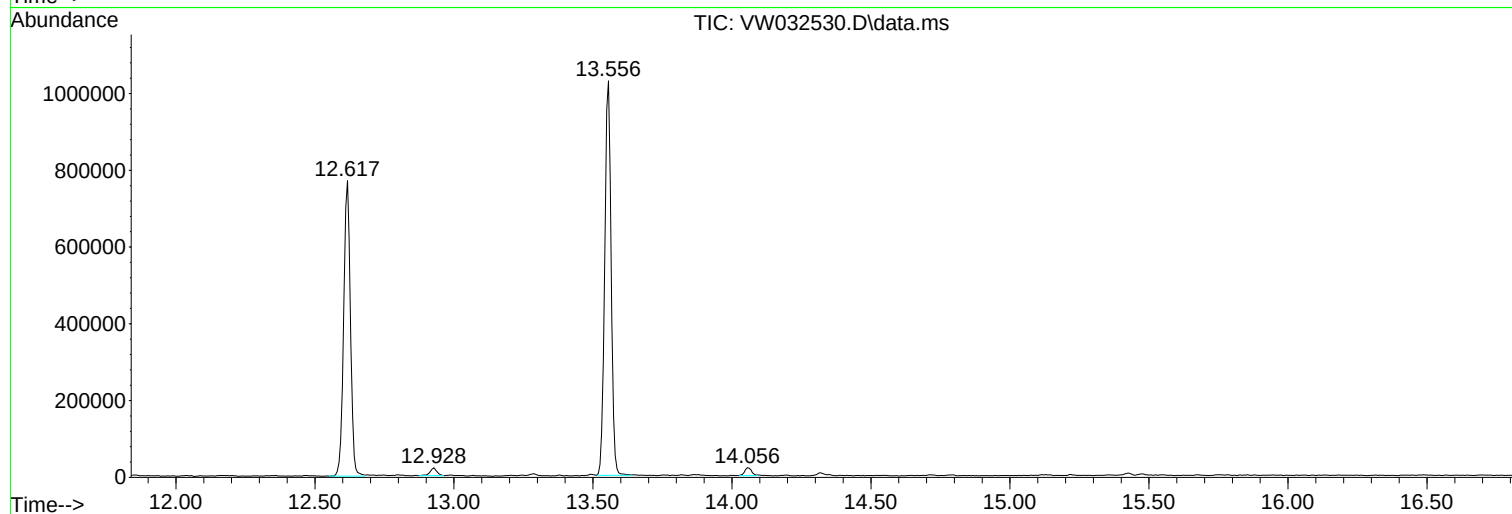
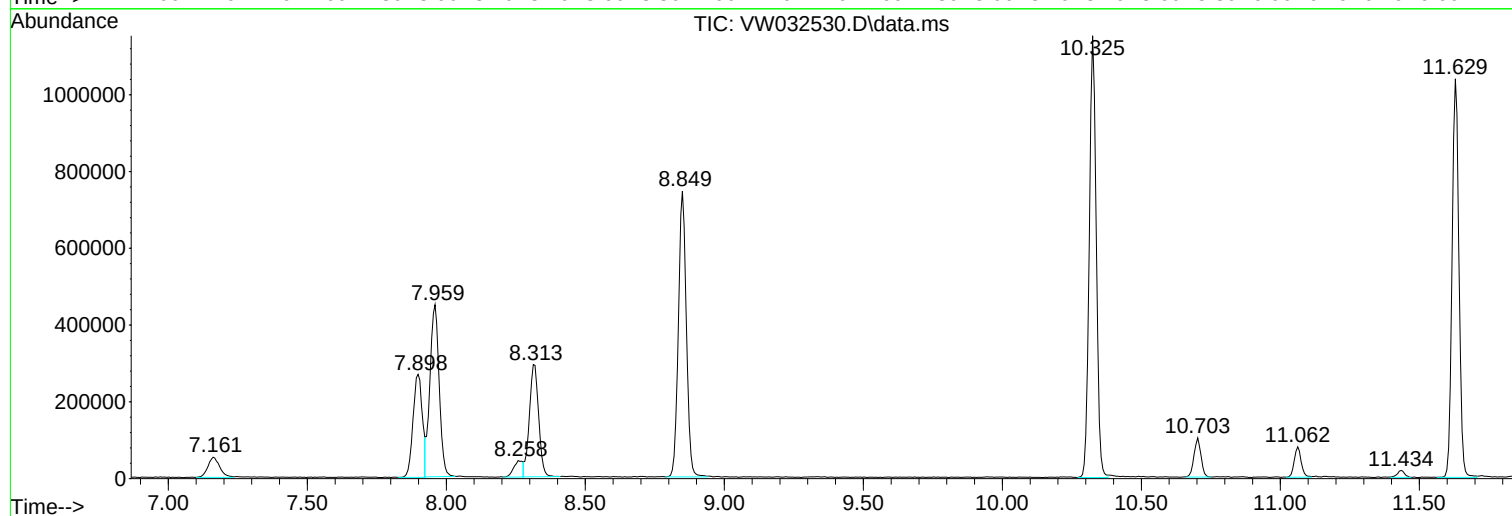
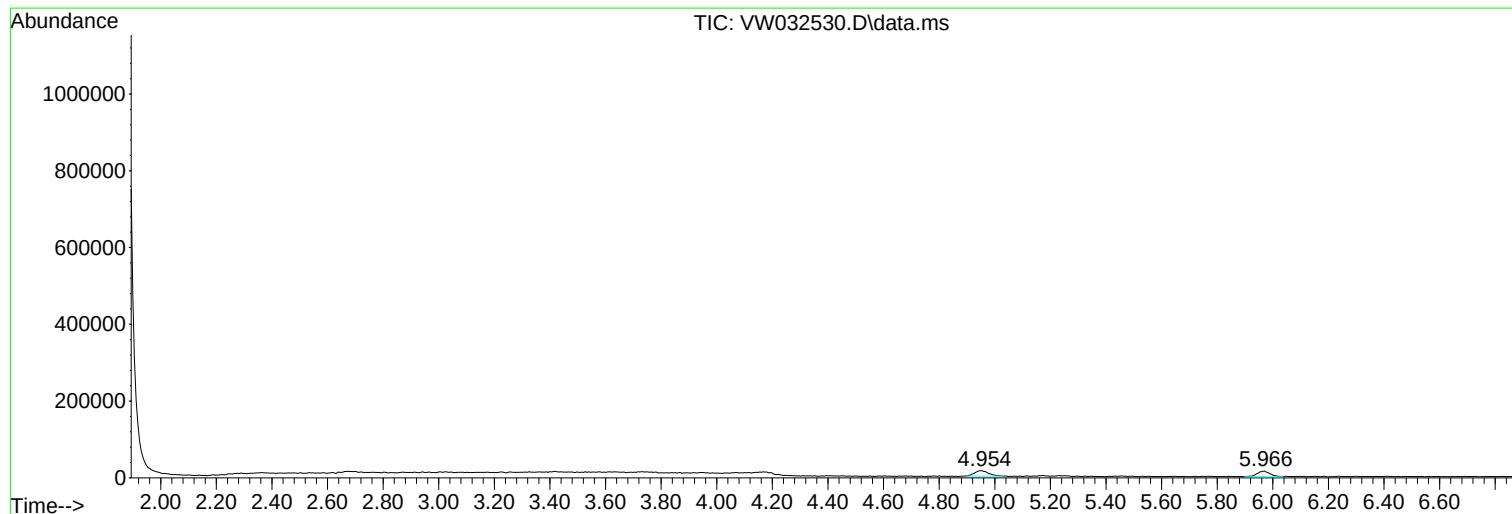
Sum of corrected areas: 11305645

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032530.D
Acq On : 25 Nov 2025 09:57
Operator : SY/MD
Sample : VW1125SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032530.D
Acq On : 25 Nov 2025 09:57
Operator : SY/MD
Sample : VW1125SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032530.D
Acq On : 25 Nov 2025 09:57
Operator : SY/MD
Sample : VW1125SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032537.D
 Acq On : 26 Nov 2025 12:37
 Operator : SY/MD
 Sample : VW1126SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBL01

Quant Time: Nov 27 00:25:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	322545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	615508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	556062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	253776	61.028	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 122.060%	
35) Dibromofluoromethane	7.898	113	200211	54.328	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 108.660%	
50) Toluene-d8	10.325	98	700835	49.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.617	95	251867	47.160	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 94.320%	

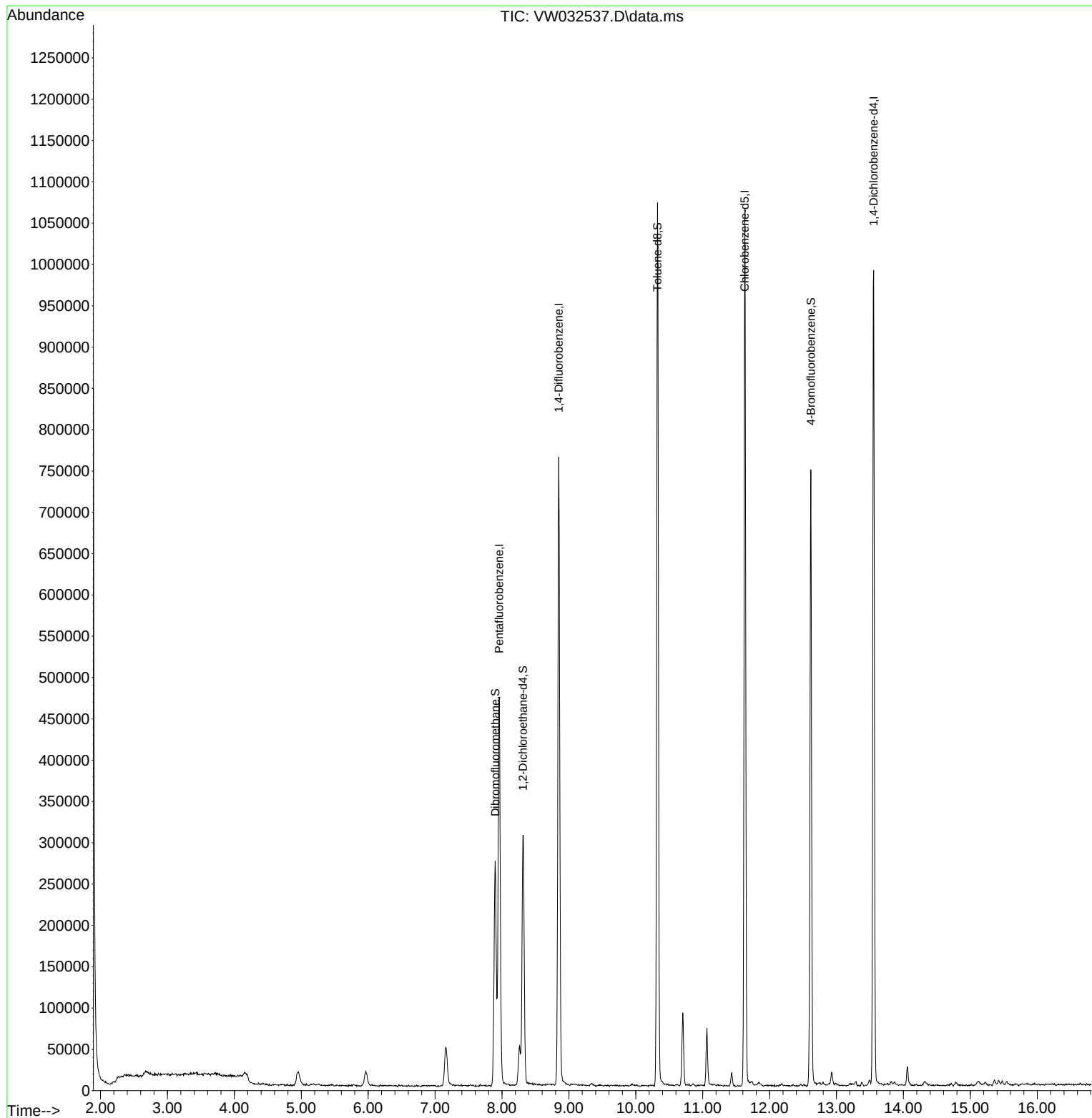
Target Compounds	Qvalue

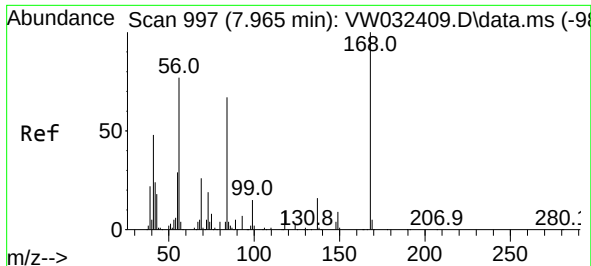
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Time: Nov 27 00:25:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

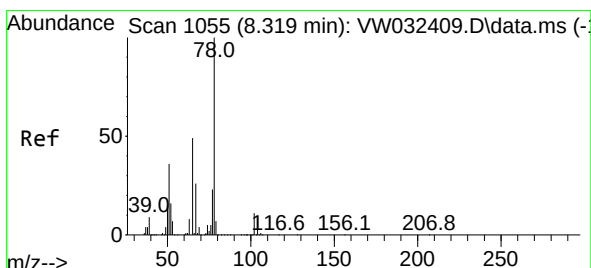
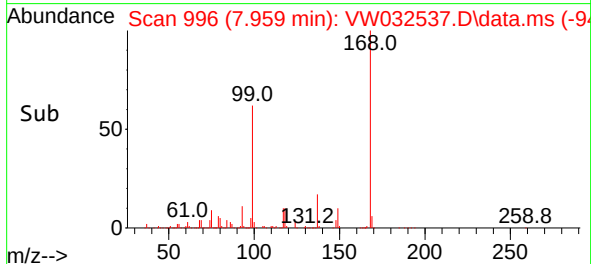
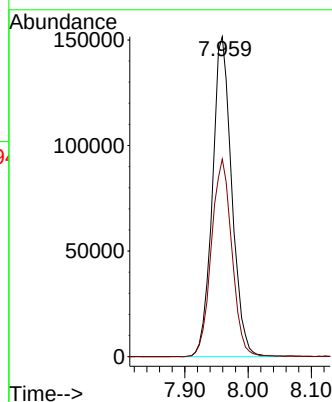
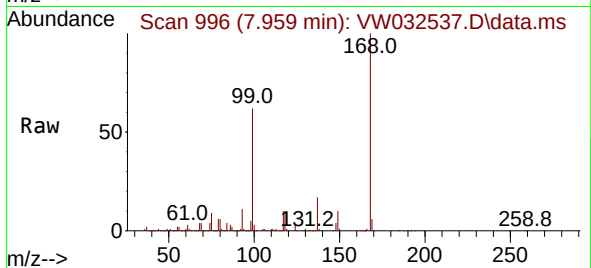




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

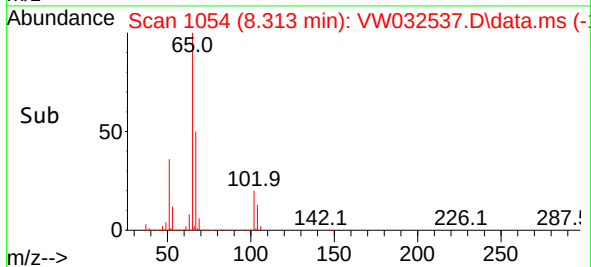
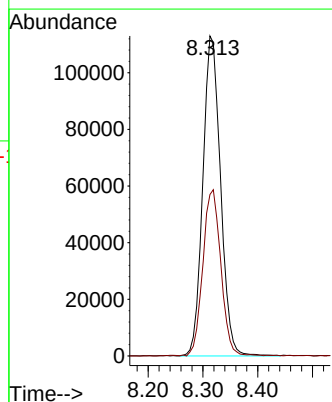
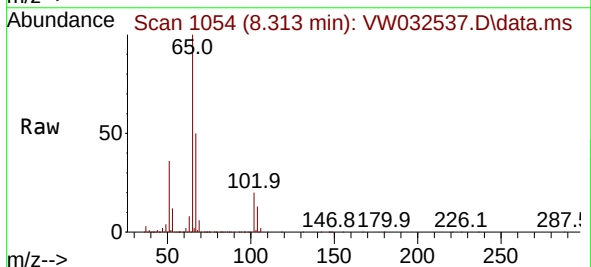
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

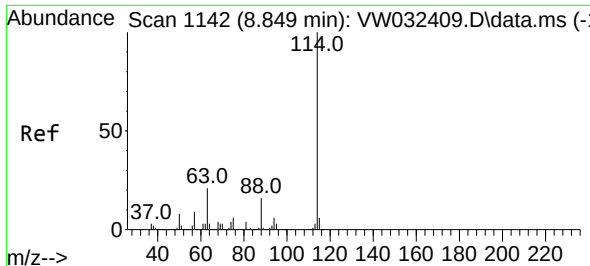
Tgt Ion:168 Resp: 322545
Ion Ratio Lower Upper
168 100
99 61.7 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 61.028 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 65 Resp: 253776
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8

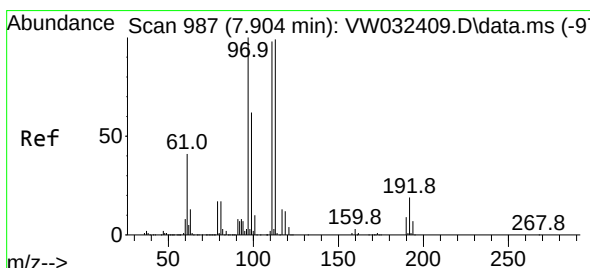
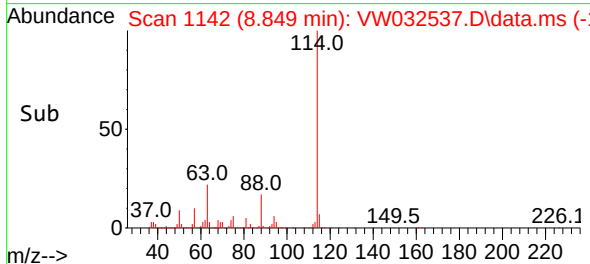
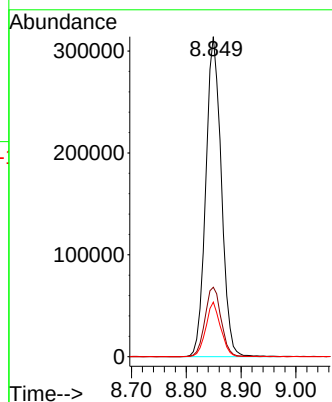
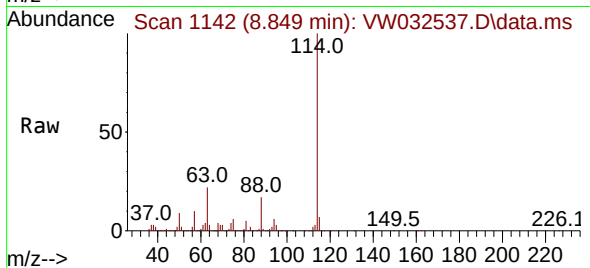




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

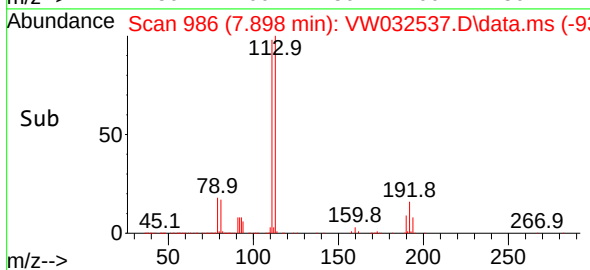
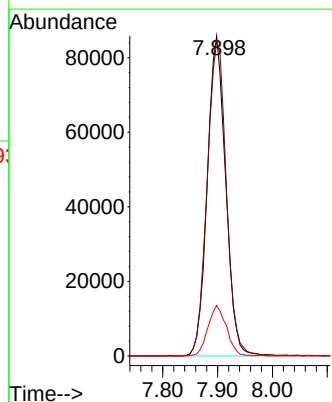
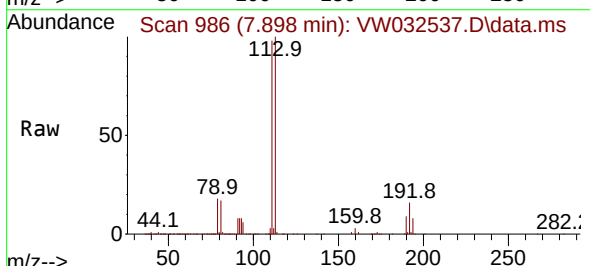
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

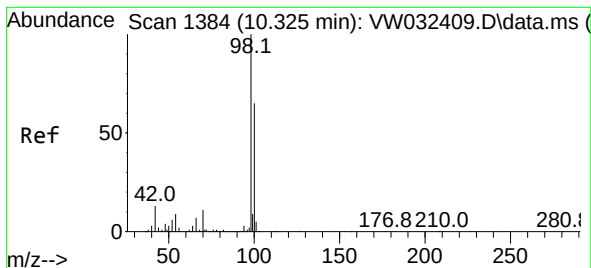
Tgt Ion:114 Resp: 615508
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.328 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion:113 Resp: 200211
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 15.9 13.4 20.2

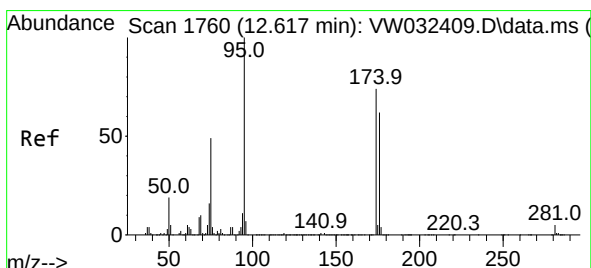
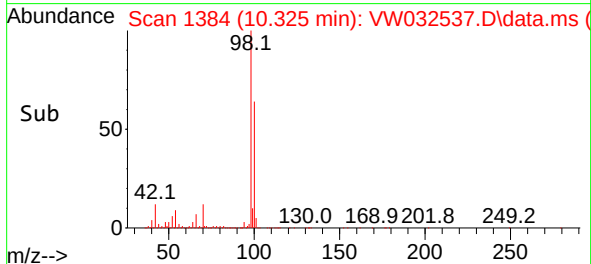
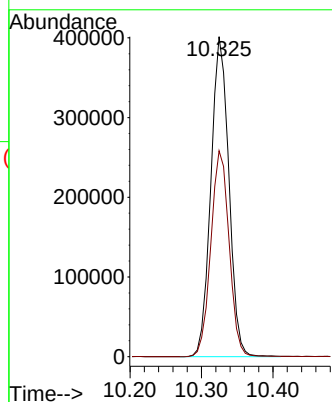
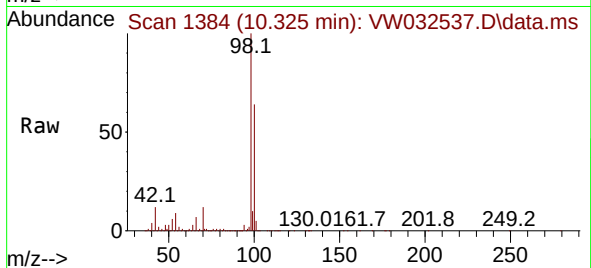




#50
Toluene-d8
Concen: 49.572 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

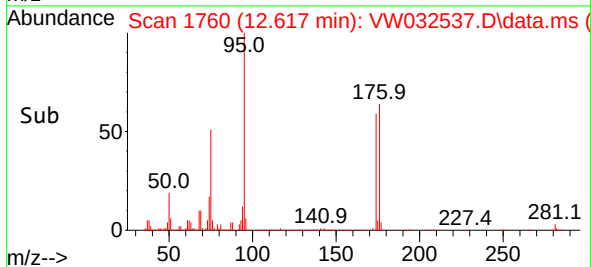
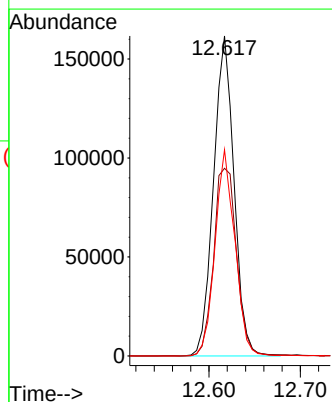
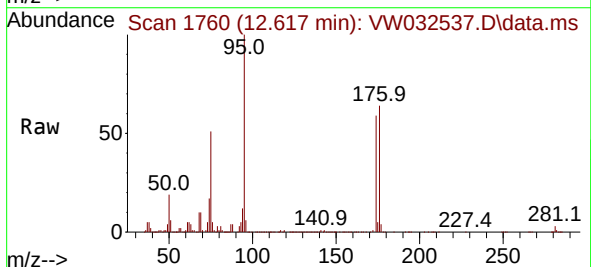
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

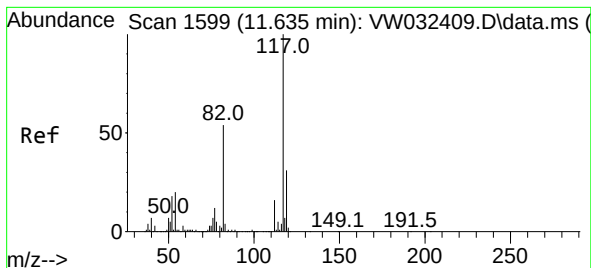
Tgt Ion: 98 Resp: 700835
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.160 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 95 Resp: 251867
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.4
176 62.5 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1159

Delta R.T. -0.006 min

Lab File: VW032537.D

Acq: 26 Nov 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBL01

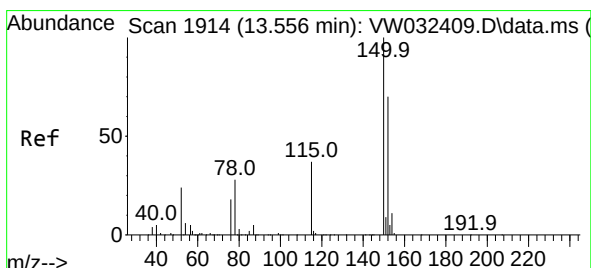
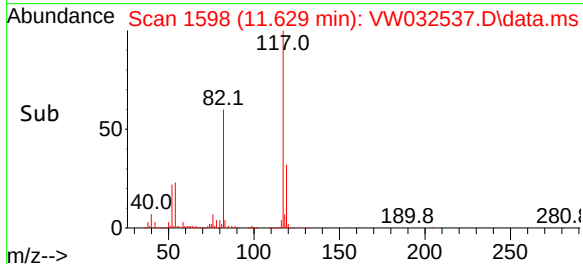
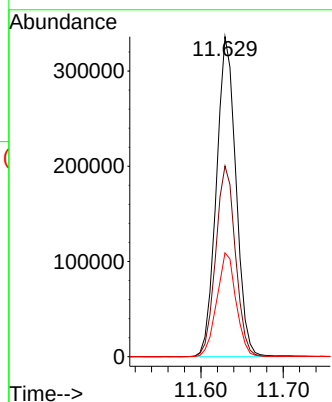
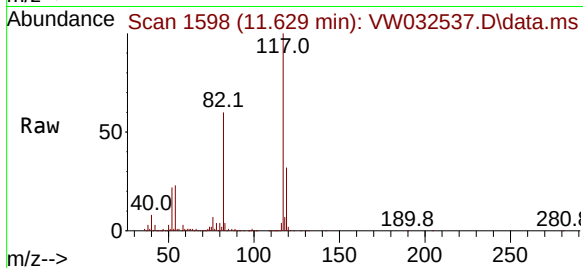
Tgt Ion:117 Resp: 556062

Ion Ratio Lower Upper

117 100

82 59.6 43.0 64.4

119 32.4 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032537.D

Acq: 26 Nov 2025 12:37

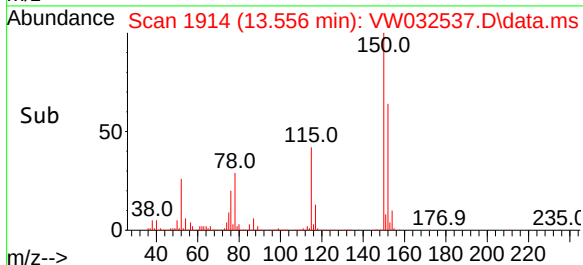
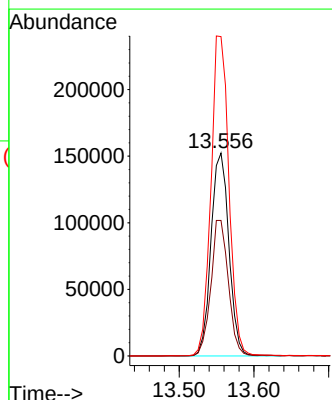
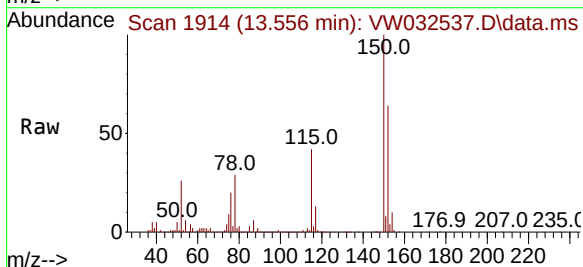
Tgt Ion:152 Resp: 253580

Ion Ratio Lower Upper

152 100

115 64.9 32.8 98.3

150 158.4 0.0 356.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032537.D
 Acq On : 26 Nov 2025 12:37
 Operator : SY/MD
 Sample : VW1126SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M

Title : SW846 8260

Signal : TIC: VW032537.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.948	493	502	503	rBV2	15938	33371	1.76%	0.299%
2	5.966	657	669	680	rBV3	18261	60905	3.21%	0.546%
3	7.161	855	865	874	rBV	46523	139505	7.35%	1.250%
4	7.898	975	986	990	rBV	272874	630859	33.22%	5.654%
5	7.959	990	996	1007	rVB	467687	1056543	55.63%	9.470%
6	8.264	1036	1046	1048	rBV	47415	99243	5.23%	0.889%
7	8.313	1048	1054	1065	rVB	300596	694155	36.55%	6.222%
8	8.849	1131	1142	1152	rBV	760281	1508847	79.45%	13.524%
9	10.325	1376	1384	1394	rBV	1069554	1899139	100.00%	17.022%
10	10.703	1438	1446	1453	rBV2	88642	161627	8.51%	1.449%
11	11.062	1499	1505	1512	rBV	69832	116218	6.12%	1.042%
12	11.434	1560	1566	1571	rBV3	16324	28902	1.52%	0.259%
13	11.629	1588	1598	1609	rBV	1062223	1790366	94.27%	16.047%
14	12.617	1751	1760	1769	rBV	745828	1238802	65.23%	11.103%
15	12.928	1806	1811	1817	rVB3	15149	28224	1.49%	0.253%
16	13.556	1907	1914	1922	rVV	984478	1628457	85.75%	14.596%
17	14.062	1991	1997	2006	rVB	22618	42009	2.21%	0.377%

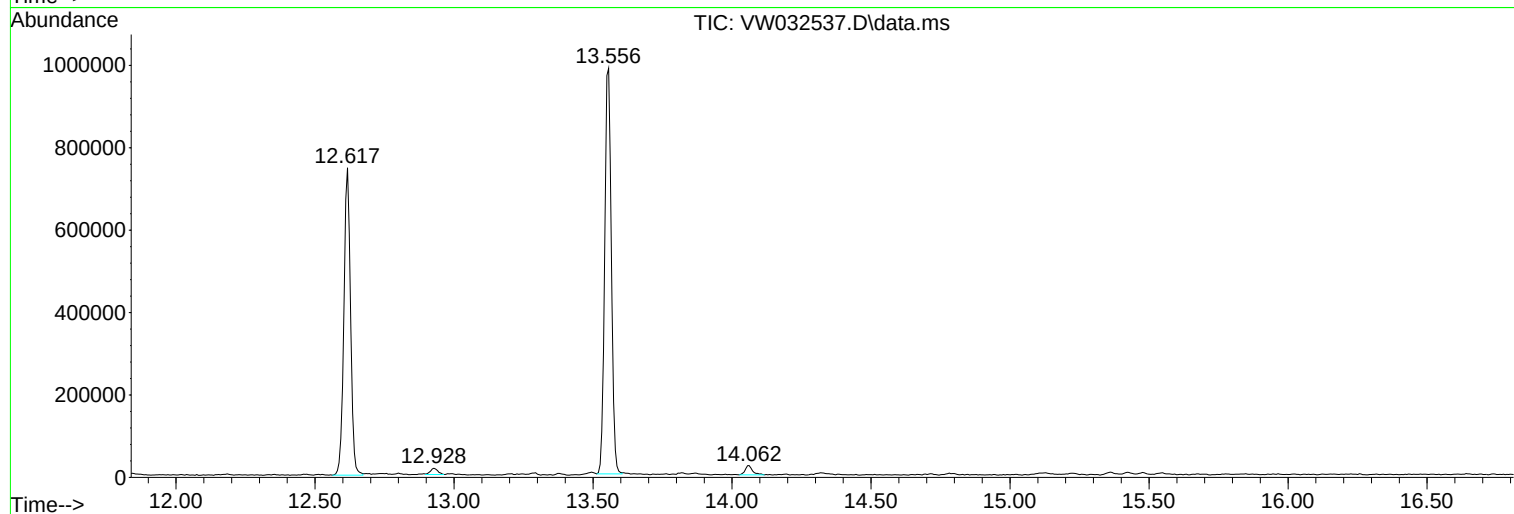
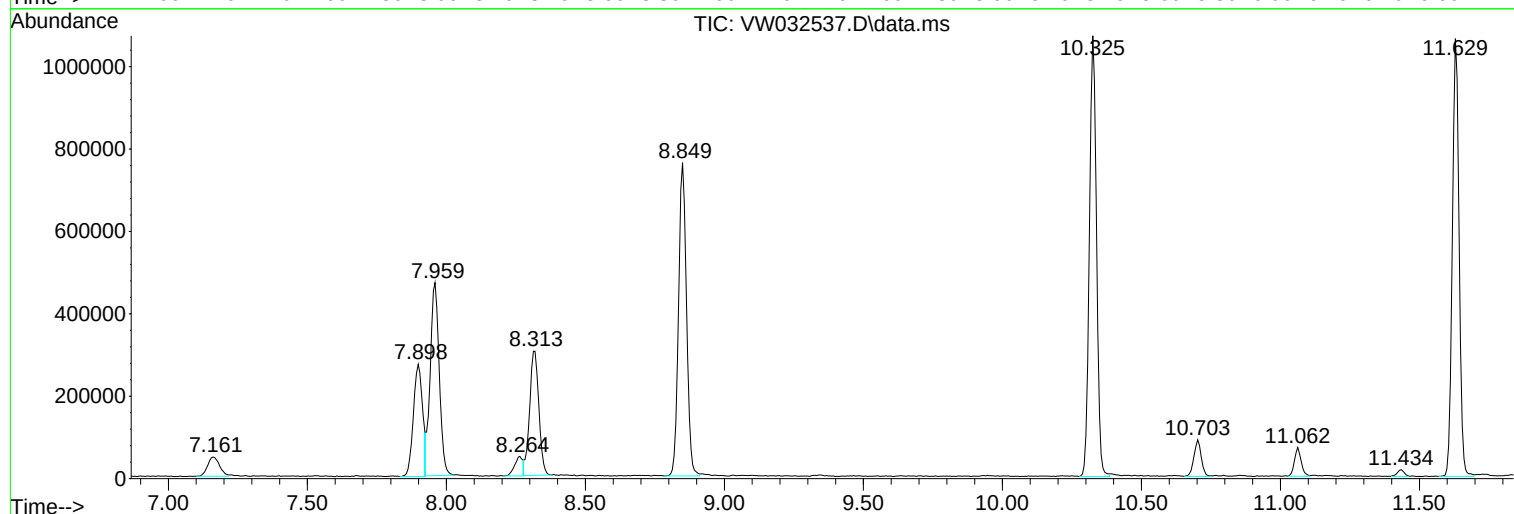
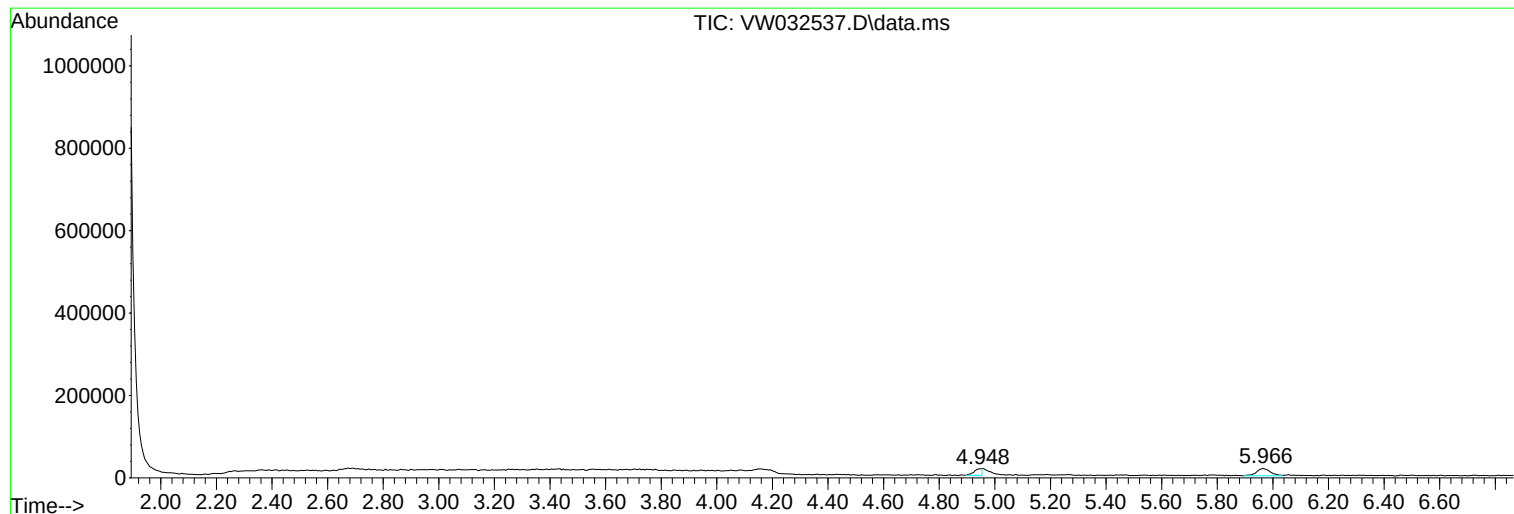
Sum of corrected areas: 11157172

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260

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

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

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBL01

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

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

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

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

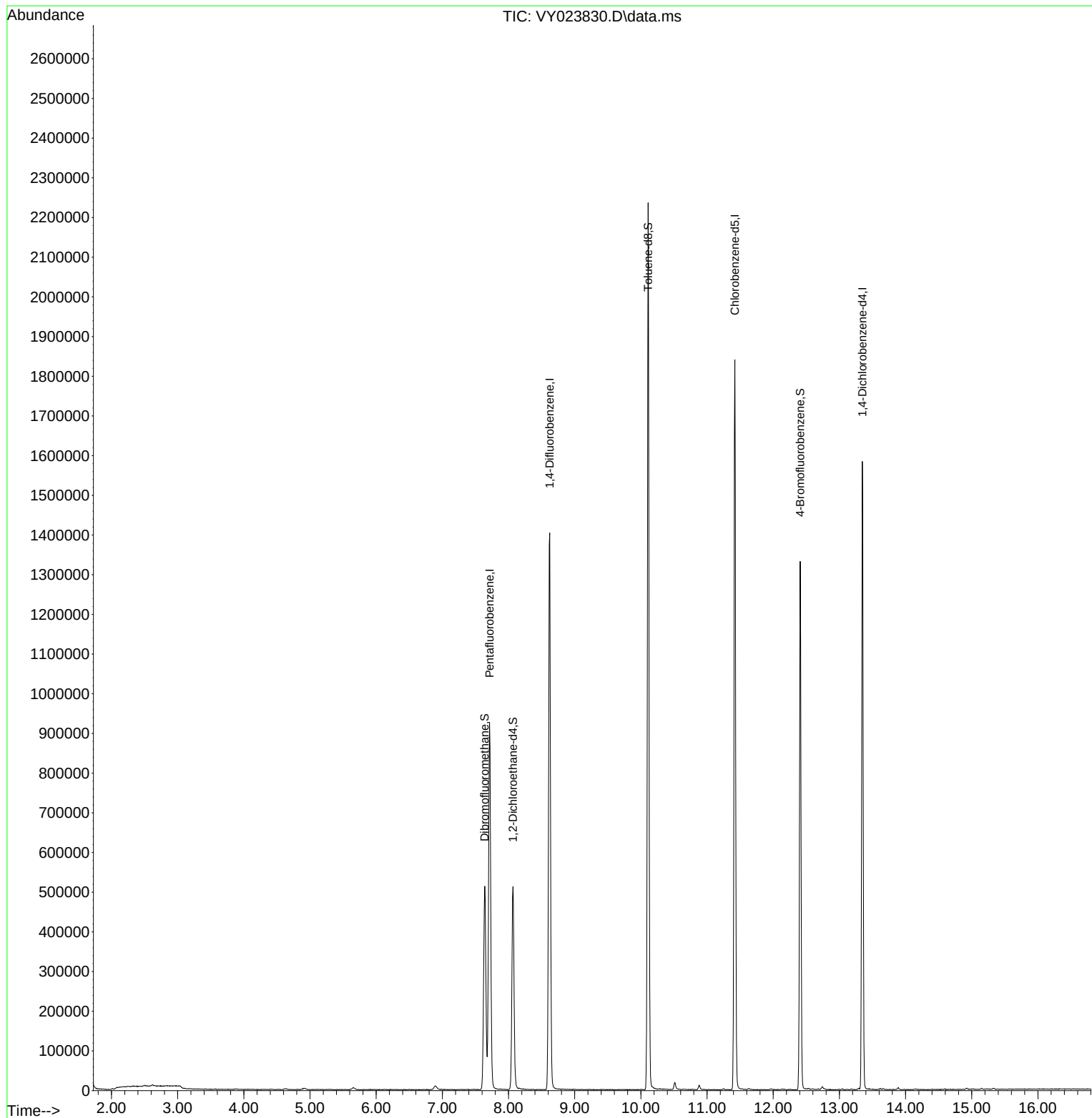
Target Compounds	Qvalue

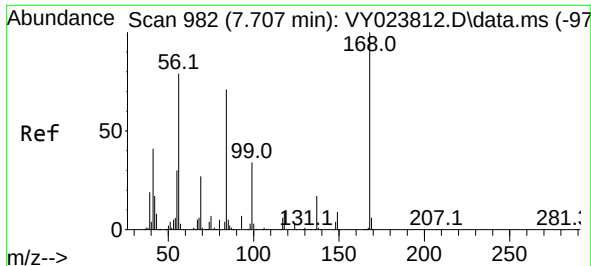
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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

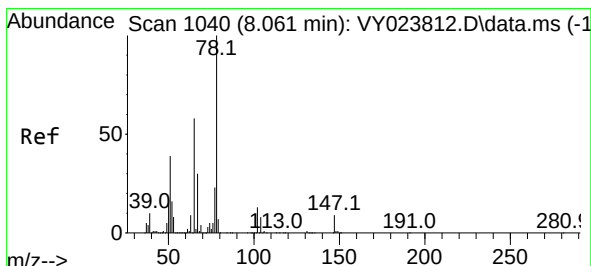
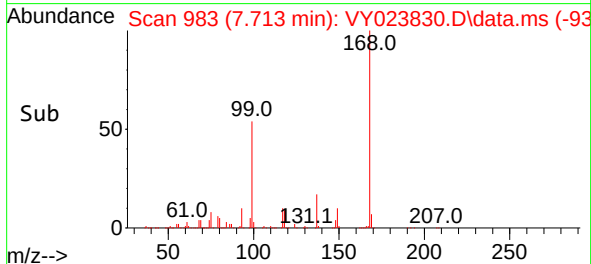
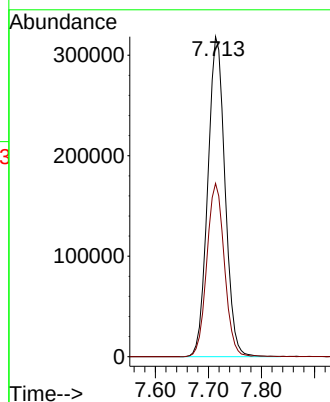
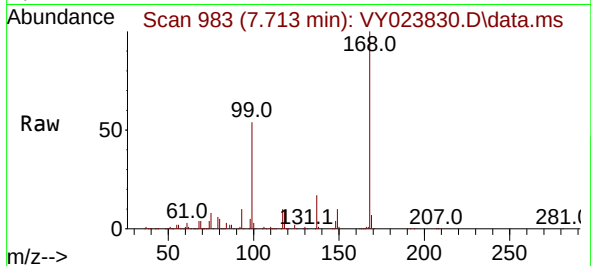




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

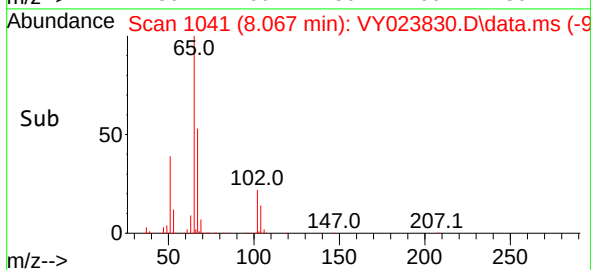
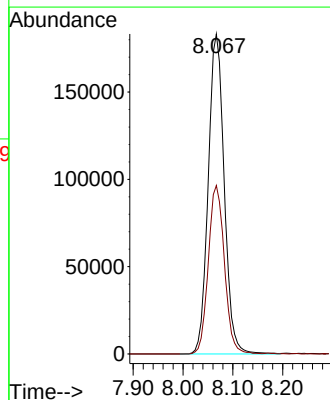
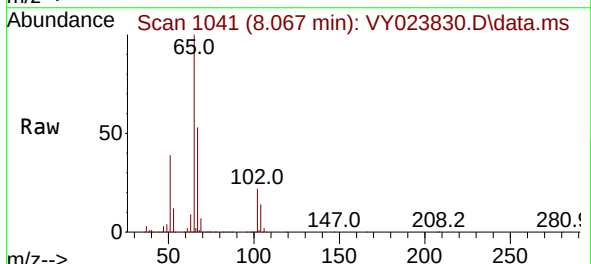
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

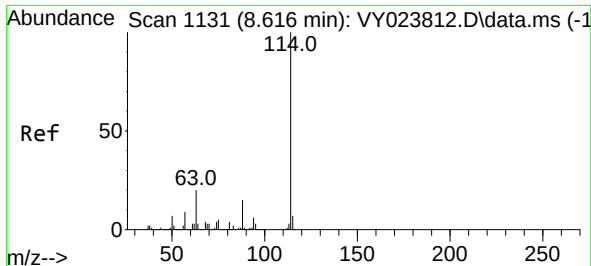
Tgt Ion:168 Resp: 719047
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



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

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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBL01

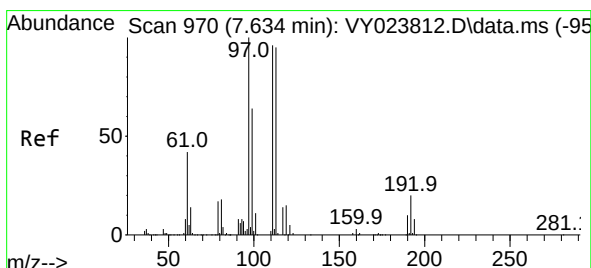
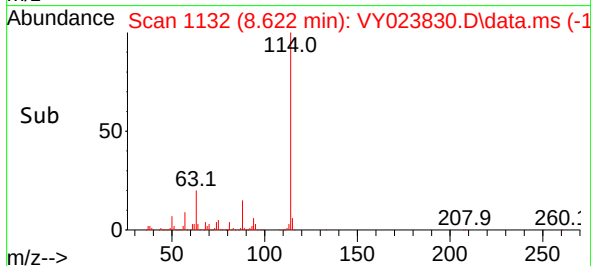
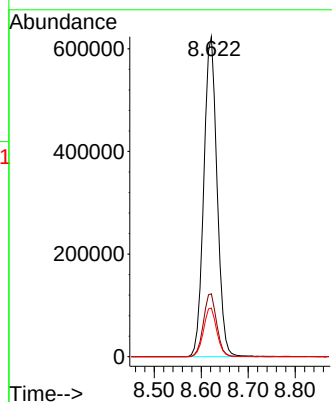
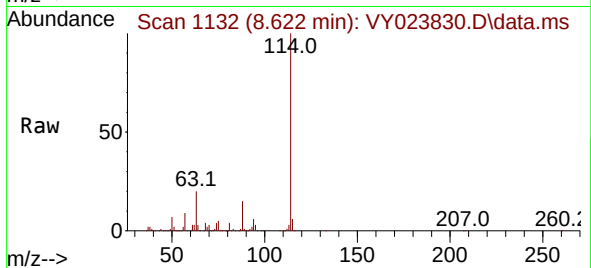
Tgt Ion:114 Resp: 1221329

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.991 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

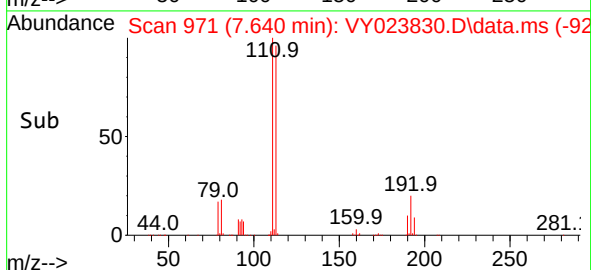
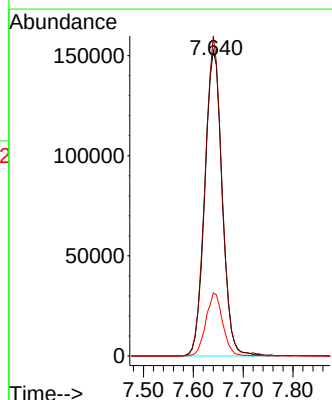
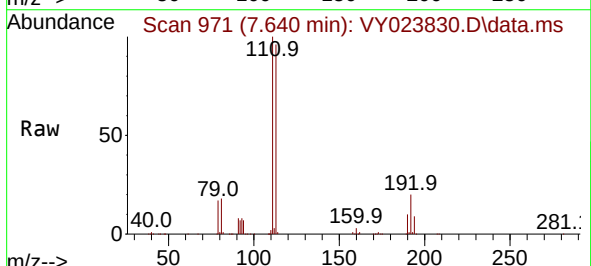
Tgt Ion:113 Resp: 368921

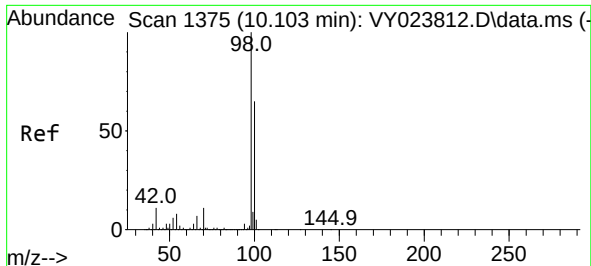
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.9 15.8 23.8

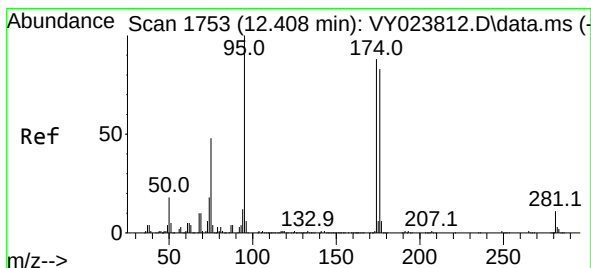
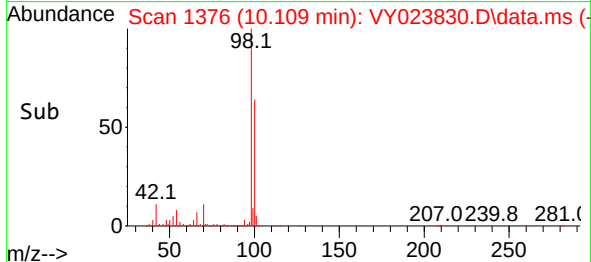
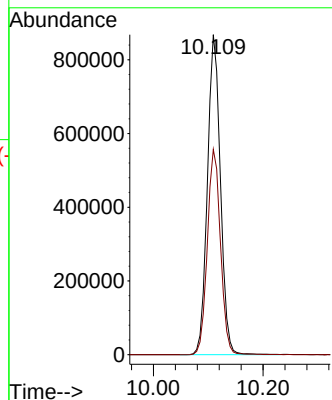
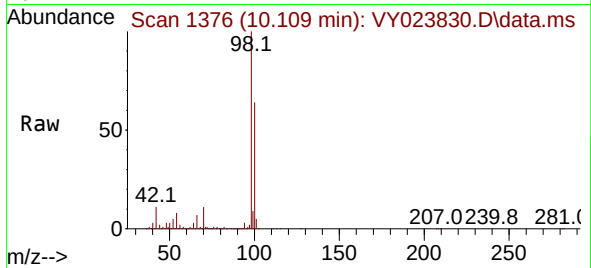




#50
Toluene-d8
Concen: 49.536 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

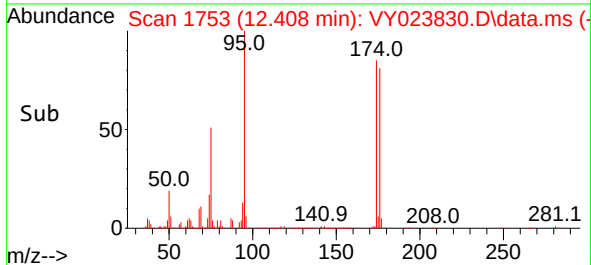
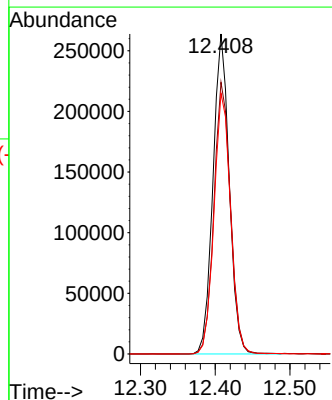
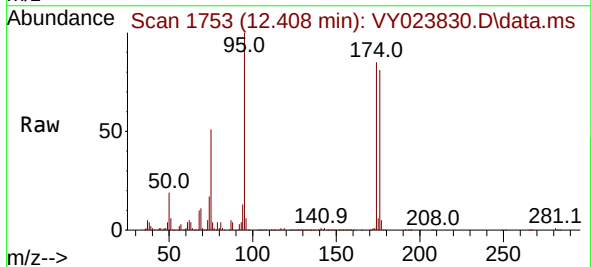
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

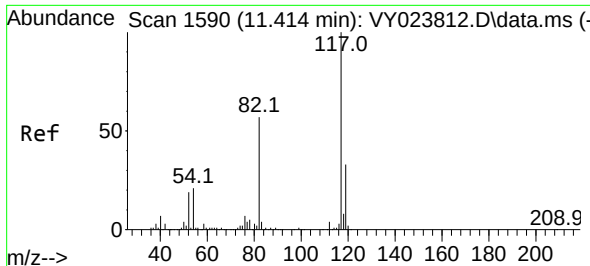
Tgt Ion: 98 Resp: 1423543
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



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

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

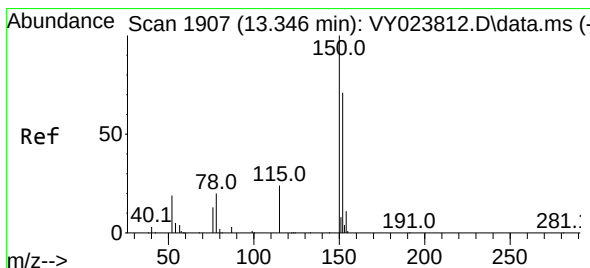
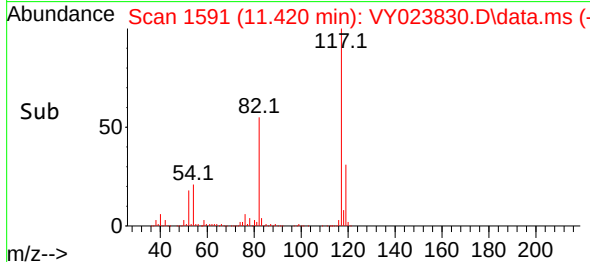
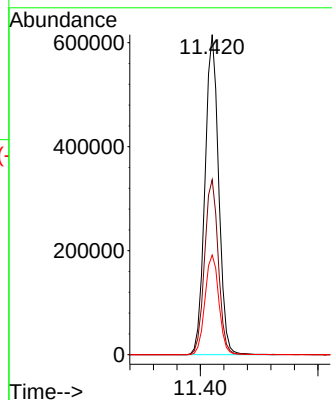
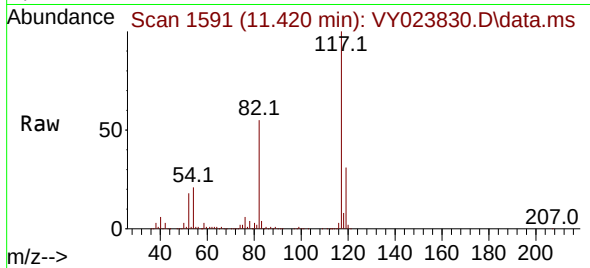




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

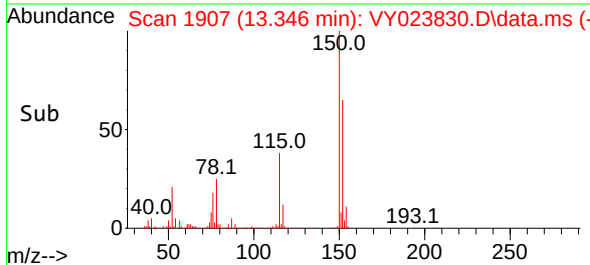
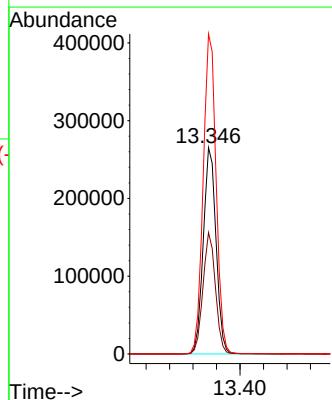
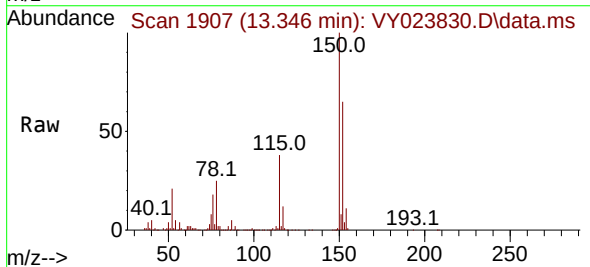
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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



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

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



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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

A

B

C

D

E

F

G

H

I

J

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : SW846 8260

Signal : TIC: VY023830.D\data.ms

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

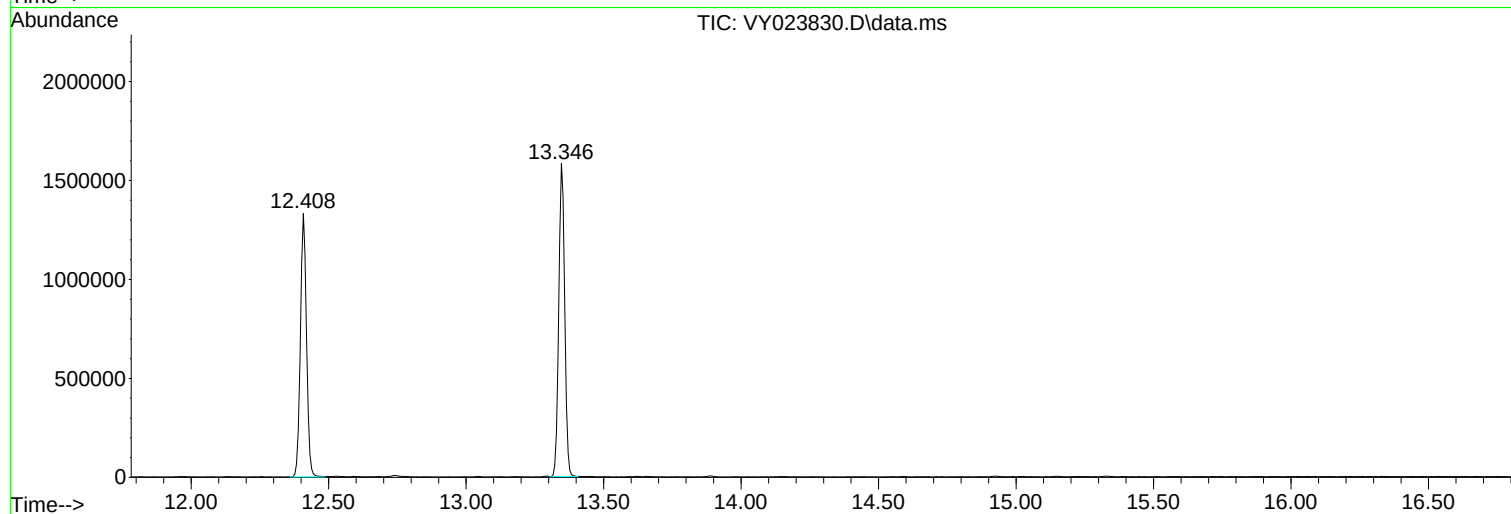
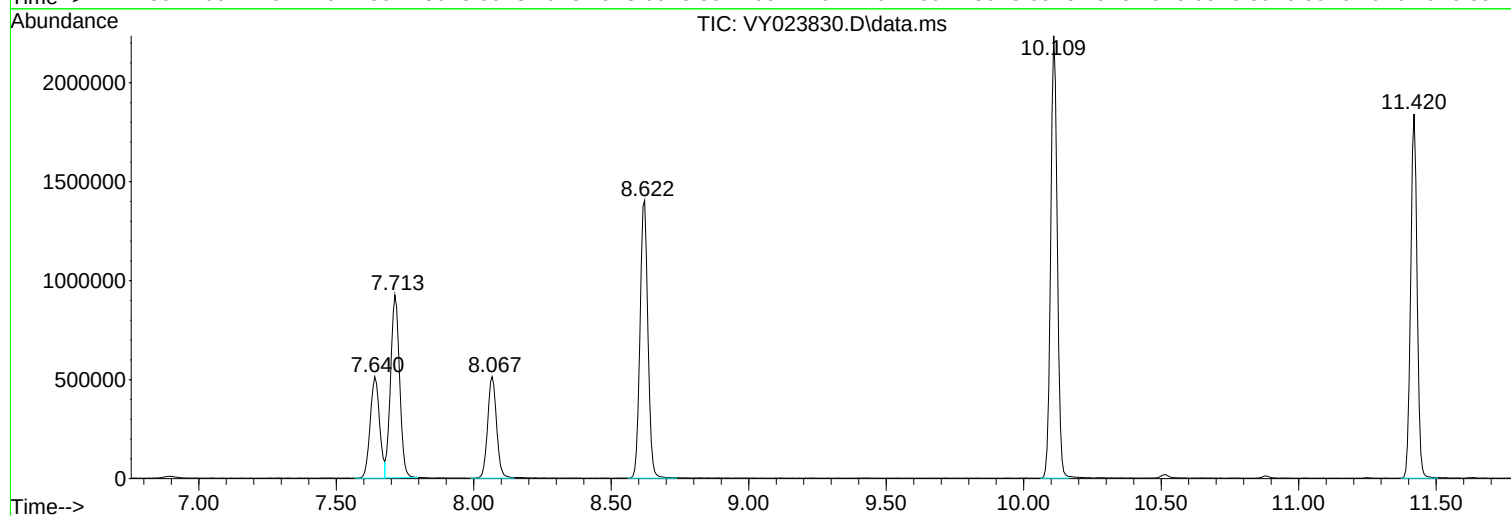
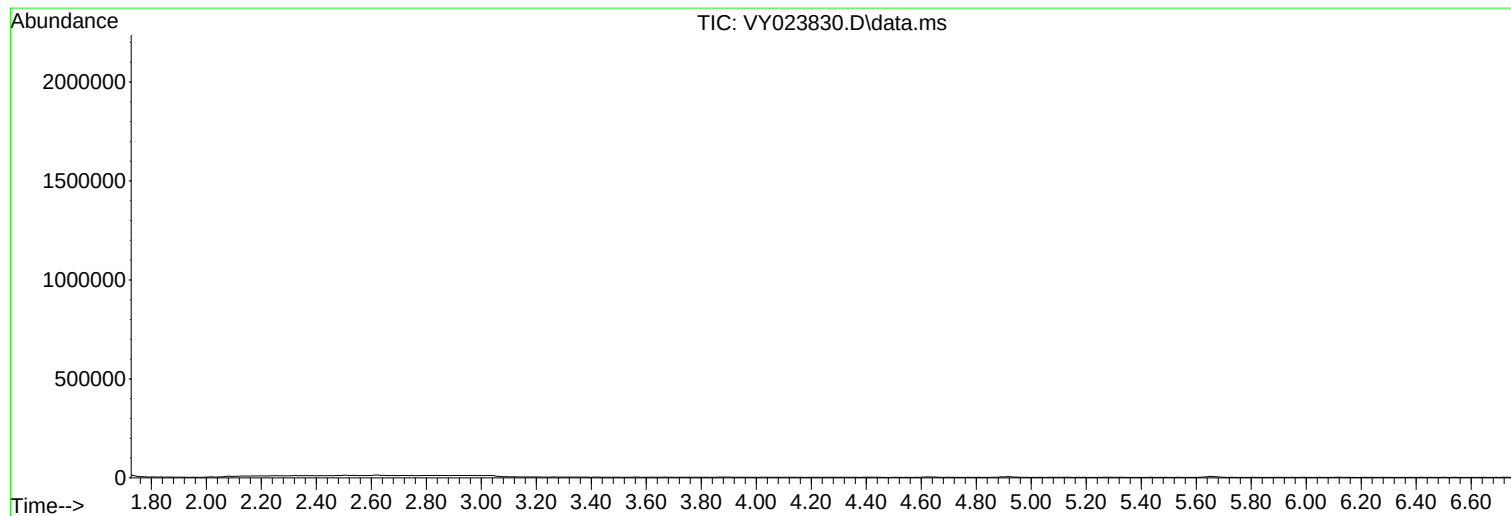
Sum of corrected areas: 18409236

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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

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



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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032531.D
 Acq On : 25 Nov 2025 10:25
 Operator : SY/MD
 Sample : VW1125SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBS01

Quant Time: Nov 26 01:38:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	347685	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	620529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	580431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	286931	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	237125	52.900	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.800%	
35) Dibromofluoromethane	7.898	113	205163	55.222	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 110.440%	
50) Toluene-d8	10.325	98	770576	54.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.617	95	293134	54.443	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 108.880%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.040	85	39898	22.618	ug/l	96
3) Chloromethane	2.253	50	67311	22.262	ug/l	96
4) Vinyl Chloride	2.405	62	87252	22.865	ug/l	96
5) Bromomethane	2.820	94	55692	21.818	ug/l	92
6) Chloroethane	2.966	64	54763	21.935	ug/l	94
7) Trichlorofluoromethane	3.302	101	56954	19.036	ug/l	92
8) Diethyl Ether	3.716	74	52272	21.370	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	76144	23.364	ug/l	99
10) Methyl Iodide	4.308	142	112843	21.497	ug/l	99
11) Tert butyl alcohol	5.216	59	42288	109.102	ug/l	99
12) 1,1-Dichloroethene	4.070	96	85566	22.896	ug/l	99
13) Acrolein	3.924	56	47274	72.694	ug/l	99
14) Allyl chloride	4.698	41	153442	21.351	ug/l	98
15) Acrylonitrile	5.399	53	150875	106.679	ug/l	98
16) Acetone	4.161	43	143130	106.730	ug/l	94
17) Carbon Disulfide	4.417	76	234023	21.187	ug/l	99
18) Methyl Acetate	4.704	43	72467	21.822	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	162652	20.647	ug/l	99
20) Methylene Chloride	4.954	84	114587	23.893	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	94479	22.110	ug/l	97
22) Diisopropyl ether	6.338	45	325252	22.228	ug/l	99
23) Vinyl Acetate	6.283	43	1054157	105.152	ug/l	99
24) 1,1-Dichloroethane	6.240	63	187251	23.357	ug/l	99
25) 2-Butanone	7.191	43	202477	102.483	ug/l	99
26) 2,2-Dichloropropane	7.185	77	97889	21.910	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	113210	22.172	ug/l	97
28) Bromochloromethane	7.527	49	85215	22.490	ug/l	98
29) Tetrahydrofuran	7.551	42	131058	104.513	ug/l	98
30) Chloroform	7.691	83	183447	23.375	ug/l	96
31) Cyclohexane	7.965	56	163677	22.072	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	128309	22.886	ug/l	96
36) 1,1-Dichloropropene	8.093	75	130688	23.874	ug/l	99
37) Ethyl Acetate	7.270	43	87985	21.615	ug/l	99
38) Carbon Tetrachloride	8.081	117	116121	23.874	ug/l	94
39) Methylcyclohexane	9.337	83	158627	22.369	ug/l	94
40) Benzene	8.331	78	416285	23.614	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032531.D
 Acq On : 25 Nov 2025 10:25
 Operator : SY/MD
 Sample : VW1125SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBS01

Quant Time: Nov 26 01:38:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	43503	19.455	ug/l #	93
42) 1,2-Dichloroethane	8.411	62	124704	24.083	ug/l	100
43) Isopropyl Acetate	8.435	43	154380	21.419	ug/l	99
44) Trichloroethene	9.099	130	92177	22.471	ug/l	97
45) 1,2-Dichloropropane	9.374	63	107119	24.403	ug/l	99
46) Dibromomethane	9.465	93	61337	23.912	ug/l	99
47) Bromodichloromethane	9.648	83	137861	23.561	ug/l	97
48) Methyl methacrylate	9.441	41	67352	19.665	ug/l	91
49) 1,4-Dioxane	9.453	88	15792	439.477	ug/l #	91
51) 4-Methyl-2-Pentanone	10.209	43	446803	112.135	ug/l	99
52) Toluene	10.386	92	260293	23.905	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	131011	21.741	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	155920	22.374	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	81293	23.102	ug/l	96
56) Ethyl methacrylate	10.648	69	112961	20.922	ug/l	99
57) 1,3-Dichloropropane	10.934	76	143537	22.839	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	316839	110.193	ug/l	99
59) 2-Hexanone	10.971	43	310966	106.670	ug/l	97
60) Dibromochloromethane	11.130	129	88212	22.448	ug/l	99
61) 1,2-Dibromoethane	11.233	107	79674	23.247	ug/l	96
64) Tetrachloroethene	10.861	164	78690	22.894	ug/l	91
65) Chlorobenzene	11.654	112	284000	22.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	88583	22.879	ug/l	98
67) Ethyl Benzene	11.727	91	477431	22.056	ug/l	97
68) m/p-Xylenes	11.837	106	376775	46.359	ug/l	98
69) o-Xylene	12.166	106	167315	21.500	ug/l	100
70) Styrene	12.178	104	299433	22.368	ug/l	99
71) Bromoform	12.349	173	48214	21.024	ug/l	98
73) Isopropylbenzene	12.465	105	428938	20.355	ug/l	99
74) N-amyl acetate	12.270	43	138885	18.966	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	106141	21.223	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	88437m	22.479	ug/l	
77) Bromobenzene	12.745	156	105632	21.171	ug/l	99
78) n-propylbenzene	12.800	91	544225	21.206	ug/l	99
79) 2-Chlorotoluene	12.885	91	326725	20.855	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	369138	21.233	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	31438	18.302	ug/l	91
82) 4-Chlorotoluene	12.983	91	351895	21.596	ug/l	99
83) tert-Butylbenzene	13.202	119	317458	20.991	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	384298	21.733	ug/l	99
85) sec-Butylbenzene	13.379	105	471145	20.918	ug/l	99
86) p-Isopropyltoluene	13.489	119	381166	20.496	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	209682	22.166	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	206013	21.257	ug/l	97
89) n-Butylbenzene	13.818	91	381348	20.989	ug/l	99
90) Hexachloroethane	14.086	117	71554	21.340	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	180740	20.813	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	15857	18.405	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	105182	19.033	ug/l	91
94) Hexachlorobutadiene	15.226	225	49955	21.762	ug/l	97
95) Naphthalene	15.360	128	245131	17.788	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	98535	19.640	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032531.D
Acq On : 25 Nov 2025 10:25
Operator : SY/MD
Sample : VW1125SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 01:38:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBS01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032538.D
 Acq On : 26 Nov 2025 13:05
 Operator : SY/MD
 Sample : VW1126SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Quant Time: Nov 27 00:26:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	337562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	629179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	578751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285723	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	250756	57.619	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 115.240%	
35) Dibromofluoromethane	7.898	113	197338	52.385	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.780%	
50) Toluene-d8	10.325	98	749931	51.892	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	12.617	95	280681	51.414	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	40884	23.872	ug/l	90
3) Chloromethane	2.253	50	71270	24.278	ug/l	99
4) Vinyl Chloride	2.399	62	87624	23.651	ug/l	97
5) Bromomethane	2.814	94	60416	24.378	ug/l	100
6) Chloroethane	2.960	64	56305	23.229	ug/l	91
7) Trichlorofluoromethane	3.295	101	58995	20.310	ug/l	96
8) Diethyl Ether	3.716	74	57175	24.075	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	78641	24.853	ug/l	98
10) Methyl Iodide	4.314	142	107964	21.185	ug/l	96
11) Tert butyl alcohol	5.222	59	44464	118.156	ug/l	97
12) 1,1-Dichloroethene	4.076	96	84340	23.245	ug/l	94
13) Acrolein	3.929	56	50172	79.463	ug/l	98
14) Allyl chloride	4.698	41	156916	22.489	ug/l	95
15) Acrylonitrile	5.399	53	158055	115.107	ug/l	99
16) Acetone	4.161	43	172518	132.502	ug/l	95
17) Carbon Disulfide	4.417	76	232572	21.687	ug/l	99
18) Methyl Acetate	4.704	43	79374	24.618	ug/l	95
19) Methyl tert-butyl Ether	5.460	73	165056	21.581	ug/l	99
20) Methylene Chloride	4.954	84	117647	25.266	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	92366	22.264	ug/l	99
22) Diisopropyl ether	6.338	45	332486	23.404	ug/l	99
23) Vinyl Acetate	6.283	43	1099752	112.990	ug/l	97
24) 1,1-Dichloroethane	6.240	63	186701	23.987	ug/l	98
25) 2-Butanone	7.191	43	228547	119.148	ug/l	99
26) 2,2-Dichloropropane	7.185	77	100778	23.233	ug/l	95
27) cis-1,2-Dichloroethene	7.185	96	111212	22.434	ug/l	96
28) Bromochloromethane	7.526	49	89514	24.333	ug/l	94
29) Tetrahydrofuran	7.551	42	136283	111.938	ug/l	98
30) Chloroform	7.691	83	188879	24.789	ug/l	98
31) Cyclohexane	7.971	56	158345	21.993	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	131738	24.202	ug/l	96
36) 1,1-Dichloropropene	8.093	75	131322	23.660	ug/l	99
37) Ethyl Acetate	7.270	43	93514	22.658	ug/l	96
38) Carbon Tetrachloride	8.081	117	118484	24.025	ug/l	93
39) Methylcyclohexane	9.343	83	150748	20.965	ug/l	94
40) Benzene	8.337	78	413141	23.114	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032538.D
 Acq On : 26 Nov 2025 13:05
 Operator : SY/MD
 Sample : VW1126SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Quant Time: Nov 27 00:26:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/01/2025
 Supervised By : Mahesh Dadoda 12/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	51285	22.620	ug/l	96
42) 1,2-Dichloroethane	8.410	62	132398	25.218	ug/l	97
43) Isopropyl Acetate	8.435	43	160403	21.949	ug/l	99
44) Trichloroethene	9.099	130	86516	20.801	ug/l	95
45) 1,2-Dichloropropane	9.374	63	104425	23.463	ug/l	99
46) Dibromomethane	9.465	93	59857	23.015	ug/l	98
47) Bromodichloromethane	9.648	83	140506	23.683	ug/l	98
48) Methyl methacrylate	9.441	41	73039	21.032	ug/l #	91
49) 1,4-Dioxane	9.459	88	15702	430.965	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	474461	117.439	ug/l	97
52) Toluene	10.392	92	254781	23.077	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	132372	21.665	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	155326	21.983	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	84254	23.614	ug/l	93
56) Ethyl methacrylate	10.648	69	110864	20.251	ug/l	93
57) 1,3-Dichloropropane	10.928	76	144519	22.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	326058	111.840	ug/l	97
59) 2-Hexanone	10.971	43	339797	114.957	ug/l	95
60) Dibromochloromethane	11.129	129	92399	23.190	ug/l	98
61) 1,2-Dibromoethane	11.233	107	79012	22.737	ug/l	96
64) Tetrachloroethene	10.861	164	76551	22.336	ug/l	93
65) Chlorobenzene	11.654	112	271839	21.792	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	85454	22.135	ug/l	98
67) Ethyl Benzene	11.733	91	461801	21.396	ug/l	99
68) m/p-Xylenes	11.837	106	356177	43.951	ug/l	98
69) o-Xylene	12.166	106	161395	20.800	ug/l	96
70) Styrene	12.178	104	291593	21.845	ug/l	98
71) Bromoform	12.349	173	47143	20.617	ug/l	98
73) Isopropylbenzene	12.458	105	421872	20.104	ug/l	98
74) N-amyl acetate	12.269	43	146466	20.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.708	83	106828	21.451	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	78337m	19.996	ug/l	
77) Bromobenzene	12.739	156	99017	19.929	ug/l	89
78) n-propylbenzene	12.800	91	554412	21.695	ug/l	98
79) 2-Chlorotoluene	12.885	91	325618	20.873	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	358716	20.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	33802	19.762	ug/l	89
82) 4-Chlorotoluene	12.983	91	352752	21.740	ug/l	99
83) tert-Butylbenzene	13.202	119	291467	19.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	370238	21.026	ug/l	97
85) sec-Butylbenzene	13.379	105	458187	20.429	ug/l	98
86) p-Isopropyltoluene	13.495	119	365551	19.740	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	208260	22.108	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	198764	20.596	ug/l	94
89) n-Butylbenzene	13.818	91	377459	20.863	ug/l	97
90) Hexachloroethane	14.086	117	68581	20.540	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	182729	21.131	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17369	20.245	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	105044	19.089	ug/l	95
94) Hexachlorobutadiene	15.226	225	48778	21.339	ug/l	93
95) Naphthalene	15.360	128	247278	18.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	98437	19.703	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032538.D
Acq On : 26 Nov 2025 13:05
Operator : SY/MD
Sample : VW1126SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:26:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

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

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

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

Manual Integrations APPROVED

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

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

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

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

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

Manual Integrations APPROVED

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

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

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

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

Manual Integrations
APPROVED

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032532.D
 Acq On : 25 Nov 2025 10:46
 Operator : SY/MD
 Sample : VW1125SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 01:39:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	373267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	705017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	657789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	307491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	256553	53.312	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.620%	
35) Dibromofluoromethane	7.898	113	218394	51.739	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.480%	
50) Toluene-d8	10.325	98	805422	49.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.617	95	312420	51.072	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	40713	21.498	ug/l	95
3) Chloromethane	2.259	50	70474	21.710	ug/l	94
4) Vinyl Chloride	2.411	62	89995	21.967	ug/l	100
5) Bromomethane	2.820	94	59601	21.749	ug/l	99
6) Chloroethane	2.966	64	60710	22.650	ug/l	93
7) Trichlorofluoromethane	3.301	101	67555	21.032	ug/l	97
8) Diethyl Ether	3.722	74	58755	22.374	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	79935	22.846	ug/l	99
10) Methyl Iodide	4.320	142	121023	21.475	ug/l	99
11) Tert butyl alcohol	5.222	59	42520	102.182	ug/l	97
12) 1,1-Dichloroethene	4.082	96	88361	22.024	ug/l	91
13) Acrolein	3.935	56	51651	73.981	ug/l	97
14) Allyl chloride	4.704	41	165502	21.451	ug/l	99
15) Acrylonitrile	5.405	53	167653	110.417	ug/l	100
16) Acetone	4.167	43	161680	112.299	ug/l	94
17) Carbon Disulfide	4.429	76	248583	20.963	ug/l	99
18) Methyl Acetate	4.710	43	81069	22.739	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	180212	21.309	ug/l	98
20) Methylene Chloride	4.954	84	113265	21.998	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	99261	21.637	ug/l	96
22) Diisopropyl ether	6.344	45	349003	22.217	ug/l	98
23) Vinyl Acetate	6.283	43	1169027	108.618	ug/l	96
24) 1,1-Dichloroethane	6.246	63	194079	22.550	ug/l	100
25) 2-Butanone	7.197	43	231257	109.028	ug/l	98
26) 2,2-Dichloropropane	7.191	77	102013	21.268	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	121216	22.113	ug/l	98
28) Bromochloromethane	7.532	49	92137	22.650	ug/l	95
29) Tetrahydrofuran	7.557	42	147199	109.339	ug/l	99
30) Chloroform	7.697	83	199211	23.644	ug/l	97
31) Cyclohexane	7.971	56	171912	21.593	ug/l	94
32) 1,1,1-Trichloroethane	7.892	97	137329	22.816	ug/l	97
36) 1,1-Dichloropropene	8.099	75	136194	21.898	ug/l	98
37) Ethyl Acetate	7.276	43	98323	21.260	ug/l	97
38) Carbon Tetrachloride	8.081	117	121728	22.028	ug/l	99
39) Methylcyclohexane	9.343	83	163946	20.348	ug/l	93
40) Benzene	8.337	78	435640	21.751	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032532.D
 Acq On : 25 Nov 2025 10:46
 Operator : SY/MD
 Sample : VW1125SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBSD01

Quant Time: Nov 26 01:39:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	54480	21.445	ug/l	98
42) 1,2-Dichloroethane	8.410	62	132910	22.592	ug/l	100
43) Isopropyl Acetate	8.435	43	171577	20.952	ug/l	99
44) Trichloroethene	9.099	130	99233	21.292	ug/l	99
45) 1,2-Dichloropropane	9.373	63	113286	22.716	ug/l	98
46) Dibromomethane	9.465	93	63849	21.909	ug/l	97
47) Bromodichloromethane	9.648	83	147096	22.127	ug/l	99
48) Methyl methacrylate	9.441	41	77115	19.817	ug/l	93
49) 1,4-Dioxane	9.465	88	18291	448.022	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	501964	110.881	ug/l	99
52) Toluene	10.392	92	270933	21.900	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	143580	20.971	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	165278	20.875	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	88247	22.073	ug/l	98
56) Ethyl methacrylate	10.648	69	123482	20.130	ug/l	97
57) 1,3-Dichloropropane	10.934	76	156405	21.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	354429	108.495	ug/l	100
59) 2-Hexanone	10.971	43	355542	107.345	ug/l	98
60) Dibromochloromethane	11.129	129	95055	21.291	ug/l	98
61) 1,2-Dibromoethane	11.239	107	84871	21.796	ug/l	97
64) Tetrachloroethene	10.867	164	82864	21.273	ug/l	81
65) Chlorobenzene	11.654	112	291409	20.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	88133	20.086	ug/l	97
67) Ethyl Benzene	11.727	91	504632	20.571	ug/l	98
68) m/p-Xylenes	11.836	106	388574	42.188	ug/l	99
69) o-Xylene	12.166	106	177422	20.118	ug/l	99
70) Styrene	12.178	104	326371	21.513	ug/l	98
71) Bromoform	12.349	173	50939	19.600	ug/l #	99
73) Isopropylbenzene	12.458	105	451543	19.995	ug/l	100
74) N-amyl acetate	12.269	43	157508	20.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	116729	21.780	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	85420m	20.260	ug/l	
77) Bromobenzene	12.745	156	109933	20.560	ug/l	96
78) n-propylbenzene	12.800	91	574973	20.907	ug/l	99
79) 2-Chlorotoluene	12.891	91	354160	21.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	390427	20.956	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	37025	20.114	ug/l	94
82) 4-Chlorotoluene	12.983	91	366239	20.974	ug/l	99
83) tert-Butylbenzene	13.202	119	331405	20.448	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	392484	20.712	ug/l	98
85) sec-Butylbenzene	13.379	105	484676	20.080	ug/l	100
86) p-Isopropyltoluene	13.495	119	405327	20.338	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	222577	21.956	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	212530	20.463	ug/l	93
89) n-Butylbenzene	13.818	91	416723	21.403	ug/l	97
90) Hexachloroethane	14.086	117	76729	21.354	ug/l	95
91) 1,2-Dichlorobenzene	13.861	146	195164	20.971	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	18770	20.329	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	124161	20.965	ug/l	98
94) Hexachlorobutadiene	15.226	225	53438	21.723	ug/l	94
95) Naphthalene	15.360	128	297089	20.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	116483	21.665	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032532.D
Acq On : 25 Nov 2025 10:46
Operator : SY/MD
Sample : VW1125SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1125SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 01:39:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

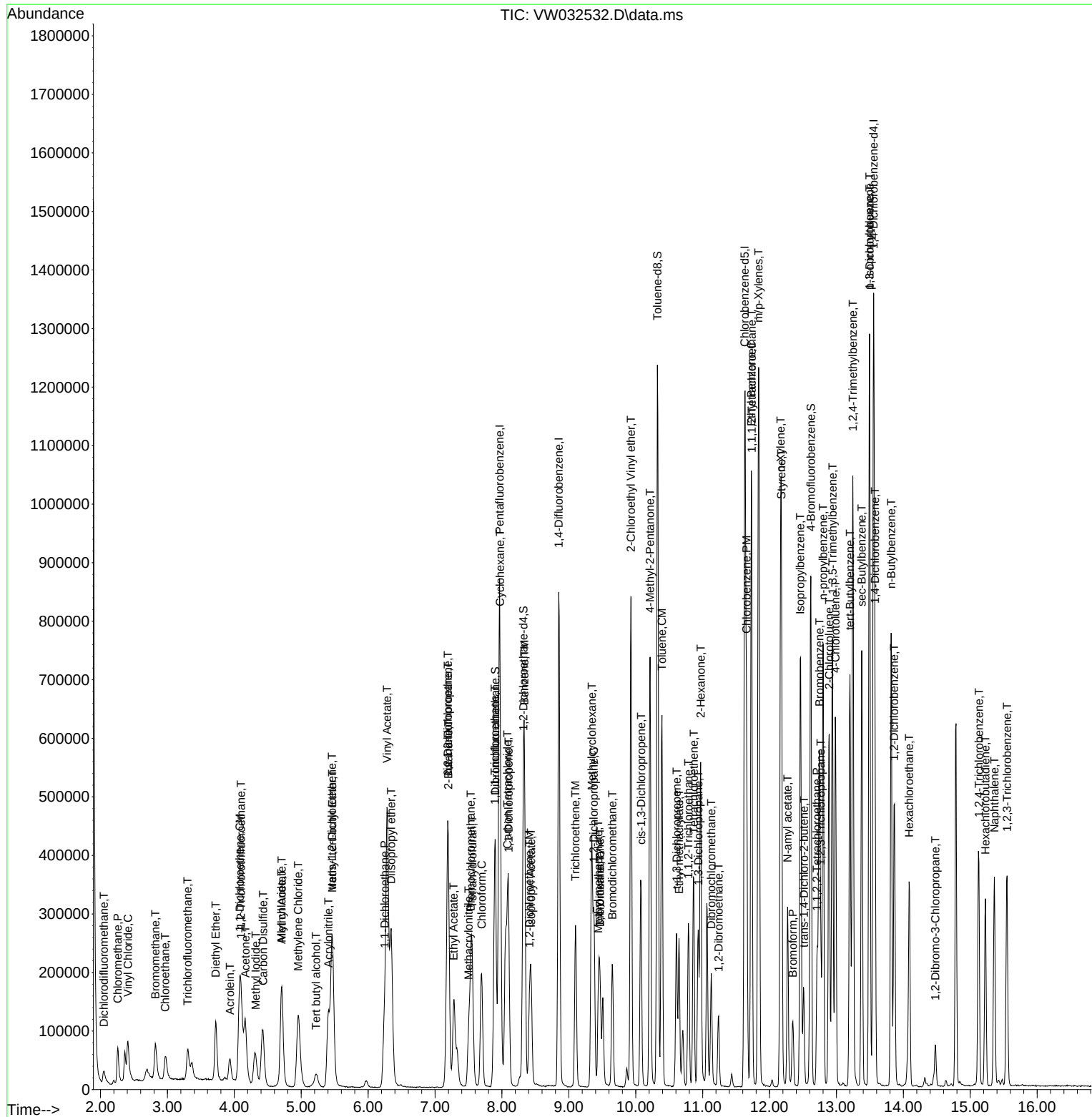
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032532.D
 Acq On : 25 Nov 2025 10:46
 Operator : SY/MD
 Sample : VW1125SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBS01

Quant Time: Nov 26 01:39:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025



Manual Integration Report

Sequence:	VW111025	Instrument	MSVOA_w
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032406.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:31 AM	sam	11/11/2025 12:29:21 PM	Peak Integrated by Software
VSTDICC005	VW032406.D	Dichlorodifluoromethane	Amit	11/11/2025 9:30:31 AM	sam	11/11/2025 12:29:21 PM	Peak Integrated by Software
VSTDICC010	VW032407.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:35 AM	sam	11/11/2025 12:29:25 PM	Peak Integrated by Software
VSTDICC010	VW032407.D	Dichlorodifluoromethane	Amit	11/11/2025 9:30:35 AM	sam	11/11/2025 12:29:25 PM	Peak Integrated by Software
VSTDICC020	VW032408.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:39 AM	sam	11/11/2025 12:30:15 PM	Peak Integrated by Software
VSTDICCC050	VW032409.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:43 AM	sam	11/11/2025 12:29:38 PM	Peak Integrated by Software
VSTDICC100	VW032410.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:48 AM	sam	11/11/2025 12:30:21 PM	Peak Integrated by Software
VSTDICC150	VW032411.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:52 AM	sam	11/11/2025 12:29:30 PM	Peak Integrated by Software
VSTDICV050	VW032413.D	1,2,3-Trichloropropane	Amit	11/11/2025 9:30:57 AM	sam	11/11/2025 12:29:34 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	VW112525	Instrument	MSVOA_w
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032529.D	1,2,3-Trichloropropane	amit	11/26/2025 10:20:48 AM	MMDadoda	11/26/2025 12:23:05 PM	Peak Integrated by Software
VW1125SBS01	VW032531.D	1,2,3-Trichloropropane	amit	11/26/2025 10:20:53 AM	MMDadoda	11/26/2025 12:23:08 PM	Peak Integrated by Software
VW1125SBSD0 1	VW032532.D	1,2,3-Trichloropropane	amit	11/26/2025 10:20:56 AM	MMDadoda	11/26/2025 12:23:11 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	VW112625	Instrument	MSVOA_w
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032536.D	1,2,3-Trichloropropane	sam	12/1/2025 9:50:35 AM	MMDadoda	12/1/2025 3:30:35 PM	Peak Integrated by Software
VW1126SBS01	VW032538.D	1,2,3-Trichloropropane	sam	12/1/2025 9:50:40 AM	MMDadoda	12/1/2025 3:30:38 PM	Peak Integrated by Software
VSTDCCC050	VW032559.D	1,2,3-Trichloropropane	sam	12/1/2025 9:50:58 AM	MMDadoda	12/1/2025 3:30:53 PM	Peak Integrated by Software

Manual Integration Report

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

Manual Integration Report

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

Instrument ID: **MSVOA_W**

Daily Analysis Runlog For Sequence/QCBatch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM		
Supervise By	Maresh Dadoda	Supervise On	11/17/2025 1:37:22 PM		
SubDirectory	VW111025	HP Acquire Method	VP134934	HP Processing Method	82w111025s.m
STD. NAME	STD REF.#				
Tune/Reschk	VP136122				
Initial Calibration Stds	VP136123,VP136124,VP136125,VP136126,VP136127,VP136128				
CCC					
Internal Standard/PEM	VP133934				
ICV/I.BLK	VP136129				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032405.D	10 Nov 2025 14:20	SY/MD	Ok
2	VSTDIC005	VW032406.D	10 Nov 2025 15:11	SY/MD	Ok,M
3	VSTDIC010	VW032407.D	10 Nov 2025 15:33	SY/MD	Ok,M
4	VSTDIC020	VW032408.D	10 Nov 2025 15:55	SY/MD	Ok,M
5	VSTDIC050	VW032409.D	10 Nov 2025 16:17	SY/MD	Ok,M
6	VSTDIC100	VW032410.D	10 Nov 2025 16:39	SY/MD	Ok,M
7	VSTDIC150	VW032411.D	10 Nov 2025 17:00	SY/MD	Ok,M
8	VIBLK	VW032412.D	10 Nov 2025 17:22	SY/MD	Ok
9	VSTDICV050	VW032413.D	10 Nov 2025 17:44	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_W**

Daily Analysis Runlog For Sequence/QCBatch ID # VW112525

Review By	Amit Patel	Review On	11/26/2025 10:23:14 AM	
Supervise By	Mahesh Dadoda	Supervise On	11/26/2025 12:23:19 PM	
SubDirectory	VW112525	HP Acquire Method	MSVOA_W	HP Processing Method
STD. NAME		STD REF.#		
Tune/Reschk Initial Calibration Stds		VP136411		
CCC		VP136412,VP136413		
Internal Standard/PEM		VP136146		
ICV/I.BLK				
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032528.D	25 Nov 2025 08:13	SY/MD	Ok
2	VSTDCCC050	VW032529.D	25 Nov 2025 09:00	SY/MD	Ok,M
3	VW1125SBL01	VW032530.D	25 Nov 2025 09:57	SY/MD	Ok
4	VW1125SBS01	VW032531.D	25 Nov 2025 10:25	SY/MD	Ok,M
5	VW1125SBSD01	VW032532.D	25 Nov 2025 10:46	SY/MD	Ok,M
6	Q3719-01	VW032533.D	25 Nov 2025 13:26	SY/MD	Ok
7	Q3719-02	VW032534.D	25 Nov 2025 13:48	SY/MD	Ok

M : Manual Integration

Instrument ID: **MSVOA_W**

Daily Analysis Runlog For Sequence/QC Batch ID # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM		
SubDirectory	VW112625	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136443			
CCC		VP136441,VP136442			
Internal Standard/PEM		VP136146			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032535.D	26 Nov 2025 11:05	SY/MD	Ok
2	VSTDCCC050	VW032536.D	26 Nov 2025 12:05	SY/MD	Ok,M
3	VW1126SBL01	VW032537.D	26 Nov 2025 12:37	SY/MD	Ok
4	VW1126SBS01	VW032538.D	26 Nov 2025 13:05	SY/MD	Ok,M
5	VW1126SBSD01	VW032539.D	26 Nov 2025 13:27	SY/MD	Ok,M
6	Q3719-03	VW032540.D	26 Nov 2025 13:49	SY/MD	Ok
7	Q3604-05	VW032541.D	26 Nov 2025 14:11	SY/MD	Ok
8	Q3604-04	VW032542.D	26 Nov 2025 14:36	SY/MD	Ok
9	Q3719-04	VW032543.D	26 Nov 2025 14:58	SY/MD	Ok
10	Q3719-05	VW032544.D	26 Nov 2025 15:20	SY/MD	Ok
11	Q3719-06	VW032545.D	26 Nov 2025 15:42	SY/MD	Ok
12	Q3719-07	VW032546.D	26 Nov 2025 16:04	SY/MD	Ok
13	Q3719-08	VW032547.D	26 Nov 2025 16:27	SY/MD	Ok
14	Q3719-09	VW032548.D	26 Nov 2025 16:49	SY/MD	ReRun
15	Q3719-10	VW032549.D	26 Nov 2025 17:11	SY/MD	Ok
16	Q3719-11	VW032550.D	26 Nov 2025 17:33	SY/MD	Ok
17	Q3719-12	VW032551.D	26 Nov 2025 17:55	SY/MD	Ok
18	Q3719-13	VW032552.D	26 Nov 2025 18:17	SY/MD	ReRun
19	Q3723-01	VW032553.D	26 Nov 2025 18:39	SY/MD	Not Ok
20	Q3721-01	VW032554.D	26 Nov 2025 19:01	SY/MD	Not Ok
21	Q3719-14	VW032555.D	26 Nov 2025 19:23	SY/MD	Ok

Instrument ID: **MSVOA_W**

Daily Analysis Runlog For Sequence/QC Batch ID # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM		
SubDirectory	VW112625	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	VP136443				
CCC	VP136441,VP136442				
Internal Standard/PEM	VP136146				
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q3733-01	VW032556.D	26 Nov 2025 19:45	SY/MD	Ok
23	Q3732-01	VW032557.D	26 Nov 2025 20:07	SY/MD	Ok
24	VIBLK	VW032558.D	26 Nov 2025 20:30	SY/MD	Ok
25	VSTDCCC050	VW032559.D	26 Nov 2025 20:52	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY112625

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023808.D	26 Nov 2025 07:11	SY/MD	Ok
2	VSTDICCC005	VY023809.D	26 Nov 2025 08:04	SY/MD	Ok,M
3	VSTDICCC010	VY023810.D	26 Nov 2025 08:27	SY/MD	Ok,M
4	VSTDICCC020	VY023811.D	26 Nov 2025 08:49	SY/MD	Ok,M
5	VSTDICCC050	VY023812.D	26 Nov 2025 09:17	SY/MD	Ok,M
6	VSTDICCC100	VY023813.D	26 Nov 2025 09:39	SY/MD	Ok,M
7	VSTDICCC150	VY023814.D	26 Nov 2025 10:02	SY/MD	Ok,M
8	VIBLK	VY023815.D	26 Nov 2025 10:27	SY/MD	Ok
9	VSTDICV050	VY023816.D	26 Nov 2025 10:50	SY/MD	Ok,M
10	VY1126SBL01	VY023817.D	26 Nov 2025 11:13	SY/MD	Ok
11	VY1126SBS01	VY023818.D	26 Nov 2025 11:47	SY/MD	Ok,M
12	VY1126SBSD01	VY023819.D	26 Nov 2025 12:09	SY/MD	Ok,M
13	Q3604-04	VY023820.D	26 Nov 2025 12:34	SY/MD	Not Ok
14	Q3604-05	VY023821.D	26 Nov 2025 12:57	SY/MD	Not Ok
15	VIBLK	VY023822.D	26 Nov 2025 13:21	SY/MD	Ok
16	Q3721-01	VY023823.D	26 Nov 2025 13:44	SY/MD	Ok
17	Q3723-01	VY023824.D	26 Nov 2025 14:08	SY/MD	Ok
18	Q3725-04	VY023825.D	26 Nov 2025 14:31	SY/MD	Ok
19	VIBLK	VY023826.D	26 Nov 2025 14:54	SY/MD	Ok
20	VSTDCCC050	VY023827.D	26 Nov 2025 15:17	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY120125

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

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

M : Manual Integration

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QC Batch ID # VW111025

Review By	Amit Patel	Review On	11/11/2025 7:21:42 AM
Supervise By	Maresh Dadoda	Supervise On	11/17/2025 1:37:22 PM
SubDirectory	VW111025	HP Acquire Method	VP134934 HP Processing Method 82w111025s.m
STD. NAME	STD REF.#		
Tune/Reschk	VP136122		
Initial Calibration Stds	VP136123,VP136124,VP136125,VP136126,VP136127,VP136128		
CCC			
Internal Standard/PEM	VP133934		
ICV/I.BLK	VP136129		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032405.D	10 Nov 2025 14:20		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032406.D	10 Nov 2025 15:11		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032407.D	10 Nov 2025 15:33		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032408.D	10 Nov 2025 15:55		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032409.D	10 Nov 2025 16:17		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW032410.D	10 Nov 2025 16:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032411.D	10 Nov 2025 17:00		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032412.D	10 Nov 2025 17:22		SY/MD	Ok
9	VSTDICV050	ICVVW111025	VW032413.D	10 Nov 2025 17:44		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QC Batch ID # VW112525

Review By	Amit Patel	Review On	11/26/2025 10:23:14 AM
Supervise By	Maresh Dadoda	Supervise On	11/26/2025 12:23:19 PM
SubDirectory	VW112525	HP Acquire Method	MSVOA_W HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP136411
CCC	VP136412,VP136413
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032528.D	25 Nov 2025 08:13		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032529.D	25 Nov 2025 09:00		SY/MD	Ok,M
3	VW1125SBL01	VW1125SBL01	VW032530.D	25 Nov 2025 09:57		SY/MD	Ok
4	VW1125SBS01	VW1125SBS01	VW032531.D	25 Nov 2025 10:25		SY/MD	Ok,M
5	VW1125SBSD01	VW1125SBSD01	VW032532.D	25 Nov 2025 10:46		SY/MD	Ok,M
6	Q3719-01	SB-1125-10A	VW032533.D	25 Nov 2025 13:26		SY/MD	Ok
7	Q3719-02	SB-1125-10B	VW032534.D	25 Nov 2025 13:48		SY/MD	Ok

M : Manual Integration

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QC Batch ID # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM
SubDirectory	VW112625	HP Acquire Method	MSVOA_W HP Processing Method 82w111025s.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP136443		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136441,VP136442 VP136146		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032535.D	26 Nov 2025 11:05		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032536.D	26 Nov 2025 12:05		SY/MD	Ok,M
3	VW1126SBL01	VW1126SBL01	VW032537.D	26 Nov 2025 12:37		SY/MD	Ok
4	VW1126SBS01	VW1126SBS01	VW032538.D	26 Nov 2025 13:05		SY/MD	Ok,M
5	VW1126SBSD01	VW1126SBSD01	VW032539.D	26 Nov 2025 13:27		SY/MD	Ok,M
6	Q3719-03	SB-1125-11A	VW032540.D	26 Nov 2025 13:49	vial B	SY/MD	Ok
7	Q3604-05	S-2	VW032541.D	26 Nov 2025 14:11	vial B	SY/MD	Ok
8	Q3604-04	S-1	VW032542.D	26 Nov 2025 14:36		SY/MD	Ok
9	Q3719-04	SB-1125-11B	VW032543.D	26 Nov 2025 14:58	vial B	SY/MD	Ok
10	Q3719-05	SB-1125-12A	VW032544.D	26 Nov 2025 15:20	vial B	SY/MD	Ok
11	Q3719-06	SB-1125-12B	VW032545.D	26 Nov 2025 15:42	vial A	SY/MD	Ok
12	Q3719-07	SB-1125-14A	VW032546.D	26 Nov 2025 16:04	vial A	SY/MD	Ok
13	Q3719-08	SB-1125-14B	VW032547.D	26 Nov 2025 16:27	vial A	SY/MD	Ok
14	Q3719-09	SB-1125-15A	VW032548.D	26 Nov 2025 16:49	Internal Standard Fail,vial A	SY/MD	ReRun
15	Q3719-10	SB-1125-15B	VW032549.D	26 Nov 2025 17:11	vial A	SY/MD	Ok
16	Q3719-11	SB-1125-16A	VW032550.D	26 Nov 2025 17:33	vial A	SY/MD	Ok
17	Q3719-12	SB-1125-16B	VW032551.D	26 Nov 2025 17:55	vial A	SY/MD	Ok
18	Q3719-13	SB-1125-17A	VW032552.D	26 Nov 2025 18:17	Internal Standard Fail,vial A	SY/MD	ReRun

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QC Batch ID # VW112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:56:57 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:30 PM		
SubDirectory	VW112625	HP Acquire Method	MSVOA_W	HP Processing Method	82w111025s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136443			
CCC		VP136441,VP136442			
Internal Standard/PEM		VP136146			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q3723-01	CC-1-112525	VW032553.D	26 Nov 2025 18:39	Already Analyzed,vial B	SY/MD	Not Ok
20	Q3721-01	EO-2-112525	VW032554.D	26 Nov 2025 19:01	Already Analyzed,vial B	SY/MD	Not Ok
21	Q3719-14	SB-1125-17B	VW032555.D	26 Nov 2025 19:23	vial A	SY/MD	Ok
22	Q3733-01	SU-04-11-26-2025	VW032556.D	26 Nov 2025 19:45	vial A	SY/MD	Ok
23	Q3732-01	HD-01-11-26-2025	VW032557.D	26 Nov 2025 20:07	vial A	SY/MD	Ok
24	VIBLK	VIBLK	VW032558.D	26 Nov 2025 20:30		SY/MD	Ok
25	VSTDCCC050	VSTDCCC050EC	VW032559.D	26 Nov 2025 20:52		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY112625

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023808.D	26 Nov 2025 07:11		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023809.D	26 Nov 2025 08:04		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023810.D	26 Nov 2025 08:27		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023811.D	26 Nov 2025 08:49		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023812.D	26 Nov 2025 09:17		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023813.D	26 Nov 2025 09:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023814.D	26 Nov 2025 10:02		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023815.D	26 Nov 2025 10:27		SY/MD	Ok
9	VSTDICV050	ICVVY112625	VY023816.D	26 Nov 2025 10:50		SY/MD	Ok,M
10	VY1126SBL01	VY1126SBL01	VY023817.D	26 Nov 2025 11:13		SY/MD	Ok
11	VY1126SBS01	VY1126SBS01	VY023818.D	26 Nov 2025 11:47		SY/MD	Ok,M
12	VY1126SBSD01	VY1126SBSD01	VY023819.D	26 Nov 2025 12:09		SY/MD	Ok,M
13	Q3604-04	S-1	VY023820.D	26 Nov 2025 12:34	not reported,vial A	SY/MD	Not Ok
14	Q3604-05	S-2	VY023821.D	26 Nov 2025 12:57	not reported,vial A	SY/MD	Not Ok
15	VIBLK	VIBLK	VY023822.D	26 Nov 2025 13:21		SY/MD	Ok
16	Q3721-01	EO-2-112525	VY023823.D	26 Nov 2025 13:44	vial A	SY/MD	Ok
17	Q3723-01	CC-1-112525	VY023824.D	26 Nov 2025 14:08	vial A	SY/MD	Ok
18	Q3725-04	STOCKPILE-SAMPLES	VY023825.D	26 Nov 2025 14:31	vial A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY112625

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

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

M : Manual Integration

A
B
C
D
E
F
G
H
I
J

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120125

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

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120125

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

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

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

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3719	OrderDate:	11/25/2025 11:38:47 AM
Client:	Remington & Vernick	Project:	Saddler Property
Contact:	Justin Zarzecki	Location:	D51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3719-01	SB-1125-10A	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/25/25	11/25/25
Q3719-02	SB-1125-10B	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/25/25	11/25/25
Q3719-03	SB-1125-11A	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-04	SB-1125-11B	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-05	SB-1125-12A	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-06	SB-1125-12B	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-07	SB-1125-14A	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-08	SB-1125-14B	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-09	SB-1125-15A	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-09RE	SB-1125-15ARE	SOIL	VOC-TCLVOA-10	8260D	11/24/25		12/01/25	11/25/25
Q3719-10	SB-1125-15B	SOIL	VOC-TCLVOA-10	8260D	11/24/25		11/26/25	11/25/25
Q3719-11	SB-1125-16A	SOIL			11/24/25			11/25/25

LAB CHRONICLE

Q3719-12	SB-1125-16B	SOIL	VOC-TCLVOA-10	8260D		11/26/25	
					11/24/25		11/25/25
Q3719-13	SB-1125-17A	SOIL	VOC-TCLVOA-10	8260D		11/26/25	
					11/24/25		11/25/25
Q3719-14	SB-1125-17B	SOIL	VOC-TCLVOA-10	8260D		12/01/25	
					11/24/25		11/25/25
			VOC-TCLVOA-10	8260D		11/26/25	