

Hit Summary Sheet
SW-846

SDG No.: Q3742
Client: Remington & Vernick

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3742-02	SB-1125-19 SB-1125-19	SOIL	Acetone	74.3	J	16.8	88.8	ug/Kg
			Total Voc :	74.3				
			Total Concentration:	74.3				
Client ID: Q3742-04	SB-1125-9 SB-1125-9	SOIL	Acetone	44.3	J	12.0	63.1	ug/Kg
			Total Voc :	44.3				
			Total Concentration:	44.3				
Client ID: Q3742-07	SB-1125-18 SB-1125-18	SOIL	Acetone	35.2	J	7.00	36.8	ug/Kg
			Total Voc :	35.2				
			Total Concentration:	35.2				
Client ID: Q3742-08	SB-1125-20 SB-1125-20	SOIL	Acetone	23.4	J	6.90	36.2	ug/Kg
			Total Voc :	23.4				
			Total Concentration:	23.4				
Client ID: Q3742-09	SB-1125-22 SB-1125-22	SOIL	Acetone	23.8	J	6.10	32.2	ug/Kg
			Total Voc :	23.8				
Q3742-09	SB-1125-22	SOIL	.alpha.-Pinene	* 26.3	J	0	0	ug/Kg
			Total Tics :	26.3				
			Total Concentration:	50.1				
Client ID: Q3742-10	SB-1125-2 SB-1125-2	SOIL	Acetone	33.0	J	6.40	33.6	ug/Kg
			Total Voc :	33.0				
			Total Concentration:	33.0				
Client ID: Q3742-16	SB-1125-1 SB-1125-1	SOIL	Acetone	22.1	J	6.70	35.6	ug/Kg
			Total Voc :	22.1				
			Total Concentration:	22.1				
Client ID: Q3742-17	SB-1125-25 SB-1125-25	SOIL	Acetone	59.3		8.00	42.4	ug/Kg
			Total Voc :	59.3				
			Total Concentration:	59.3				
Client ID: Q3742-18	SB-1125-24 SB-1125-24	SOIL	Acetone	33.2	J	7.80	41.3	ug/Kg
			Total Voc :	33.2				
			Total Concentration:	33.2				



SAMPLE DATA



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-23
Lab Sample ID: Q3742-01
Analytical Method: 8260D
Sample Wt/Vol: 2.62 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 70.1
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	3.10	U	1	3.10	13.6	ug/Kg	12/01/25 15:10	VY120125
74-87-3	Chloromethane	3.10	U	1	3.10	13.6	ug/Kg	12/01/25 15:10	VY120125
75-01-4	Vinyl Chloride	2.20	U	1	2.20	13.6	ug/Kg	12/01/25 15:10	VY120125
74-83-9	Bromomethane	2.90	U	1	2.90	13.6	ug/Kg	12/01/25 15:10	VY120125
75-00-3	Chloroethane	3.40	U	1	3.40	13.6	ug/Kg	12/01/25 15:10	VY120125
75-69-4	Trichlorofluoromethane	3.30	U	1	3.30	13.6	ug/Kg	12/01/25 15:10	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.90	U	1	2.90	13.6	ug/Kg	12/01/25 15:10	VY120125
75-35-4	1,1-Dichloroethene	2.70	U	1	2.70	13.6	ug/Kg	12/01/25 15:10	VY120125
67-64-1	Acetone	12.9	U	1	12.9	68.1	ug/Kg	12/01/25 15:10	VY120125
75-15-0	Carbon Disulfide	2.90	U	1	2.90	13.6	ug/Kg	12/01/25 15:10	VY120125
1634-04-4	Methyl tert-butyl Ether	2.00	U	1	2.00	13.6	ug/Kg	12/01/25 15:10	VY120125
79-20-9	Methyl Acetate	4.20	U	1	4.20	13.6	ug/Kg	12/01/25 15:10	VY120125
75-09-2	Methylene Chloride	9.60	U	1	9.60	27.2	ug/Kg	12/01/25 15:10	VY120125
156-60-5	trans-1,2-Dichloroethene	2.30	U	1	2.30	13.6	ug/Kg	12/01/25 15:10	VY120125
75-34-3	1,1-Dichloroethane	2.20	U	1	2.20	13.6	ug/Kg	12/01/25 15:10	VY120125
110-82-7	Cyclohexane	2.20	U	1	2.20	13.6	ug/Kg	12/01/25 15:10	VY120125
78-93-3	2-Butanone	17.8	U	1	17.8	68.1	ug/Kg	12/01/25 15:10	VY120125
56-23-5	Carbon Tetrachloride	2.60	U	1	2.60	13.6	ug/Kg	12/01/25 15:10	VY120125
156-59-2	cis-1,2-Dichloroethene	2.00	U	1	2.00	13.6	ug/Kg	12/01/25 15:10	VY120125
74-97-5	Bromochloromethane	3.10	U	1	3.10	13.6	ug/Kg	12/01/25 15:10	VY120125
67-66-3	Chloroform	2.30	U	1	2.30	13.6	ug/Kg	12/01/25 15:10	VY120125
71-55-6	1,1,1-Trichloroethane	2.50	U	1	2.50	13.6	ug/Kg	12/01/25 15:10	VY120125
108-87-2	Methylcyclohexane	2.50	U	1	2.50	13.6	ug/Kg	12/01/25 15:10	VY120125
71-43-2	Benzene	2.20	U	1	2.20	13.6	ug/Kg	12/01/25 15:10	VY120125
107-06-2	1,2-Dichloroethane	2.20	U	1	2.20	13.6	ug/Kg	12/01/25 15:10	VY120125
79-01-6	Trichloroethene	2.20	U	1	2.20	13.6	ug/Kg	12/01/25 15:10	VY120125
78-87-5	1,2-Dichloropropane	2.50	U	1	2.50	13.6	ug/Kg	12/01/25 15:10	VY120125
75-27-4	Bromodichloromethane	2.10	U	1	2.10	13.6	ug/Kg	12/01/25 15:10	VY120125
108-10-1	4-Methyl-2-Pentanone	9.70	U	1	9.70	68.1	ug/Kg	12/01/25 15:10	VY120125
108-88-3	Toluene	2.10	U	1	2.10	13.6	ug/Kg	12/01/25 15:10	VY120125
10061-02-6	t-1,3-Dichloropropene	1.80	U	1	1.80	13.6	ug/Kg	12/01/25 15:10	VY120125
10061-01-5	cis-1,3-Dichloropropene	1.70	U	1	1.70	13.6	ug/Kg	12/01/25 15:10	VY120125
79-00-5	1,1,2-Trichloroethane	2.50	U	1	2.50	13.6	ug/Kg	12/01/25 15:10	VY120125
591-78-6	2-Hexanone	10.0	U	1	10.0	68.1	ug/Kg	12/01/25 15:10	VY120125
124-48-1	Dibromochloromethane	2.40	U	1	2.40	13.6	ug/Kg	12/01/25 15:10	VY120125
106-93-4	1,2-Dibromoethane	2.40	U	1	2.40	13.6	ug/Kg	12/01/25 15:10	VY120125
127-18-4	Tetrachloroethene	2.90	U	1	2.90	13.6	ug/Kg	12/01/25 15:10	VY120125
108-90-7	Chlorobenzene	2.50	U	1	2.50	13.6	ug/Kg	12/01/25 15:10	VY120125
100-41-4	Ethyl Benzene	1.80	U	1	1.80	13.6	ug/Kg	12/01/25 15:10	VY120125
179601-23-1	m/p-Xylenes	3.40	U	1	3.40	27.2	ug/Kg	12/01/25 15:10	VY120125
95-47-6	o-Xylene	2.20	U	1	2.20	13.6	ug/Kg	12/01/25 15:10	VY120125
100-42-5	Styrene	1.90	U	1	1.90	13.6	ug/Kg	12/01/25 15:10	VY120125
75-25-2	Bromoform	2.30	U	1	2.30	13.6	ug/Kg	12/01/25 15:10	VY120125

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/26/25	
Project: Saddler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-23	SDG No.: Q3742	
Lab Sample ID: Q3742-01	Matrix: SOIL	
Analytical Method: 8260D	% Solid: 70.1	
Sample Wt/Vol: 2.62 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	2.10	U	1	2.10	13.6	ug/Kg	12/01/25 15:10	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	3.30	U	1	3.30	13.6	ug/Kg	12/01/25 15:10	VY120125
541-73-1	1,3-Dichlorobenzene	4.70	U	1	4.70	13.6	ug/Kg	12/01/25 15:10	VY120125
106-46-7	1,4-Dichlorobenzene	4.20	U	1	4.20	13.6	ug/Kg	12/01/25 15:10	VY120125
95-50-1	1,2-Dichlorobenzene	3.90	U	1	3.90	13.6	ug/Kg	12/01/25 15:10	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	1	5.00	13.6	ug/Kg	12/01/25 15:10	VY120125
120-82-1	1,2,4-Trichlorobenzene	8.10	U	1	8.10	13.6	ug/Kg	12/01/25 15:10	VY120125
87-61-6	1,2,3-Trichlorobenzene	8.70	U	1	8.70	13.6	ug/Kg	12/01/25 15:10	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.2			63 - 155	122%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0			70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	50.9			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.5			52 - 138	91%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	656000
540-36-3	1,4-Difluorobenzene	1210000
3114-55-4	Chlorobenzene-d5	1050000
3855-82-1	1,4-Dichlorobenzene-d4	433000

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-1125-19
Lab Sample ID: Q3742-02
Analytical Method: 8260D
Sample Wt/Vol: 3.44 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 40.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	4.10	U	1	4.10	17.8	ug/Kg	12/01/25 15:33	VY120125
74-87-3	Chloromethane	4.10	U	1	4.10	17.8	ug/Kg	12/01/25 15:33	VY120125
75-01-4	Vinyl Chloride	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
74-83-9	Bromomethane	3.80	U	1	3.80	17.8	ug/Kg	12/01/25 15:33	VY120125
75-00-3	Chloroethane	4.50	U	1	4.50	17.8	ug/Kg	12/01/25 15:33	VY120125
75-69-4	Trichlorofluoromethane	4.30	U	1	4.30	17.8	ug/Kg	12/01/25 15:33	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	3.80	U	1	3.80	17.8	ug/Kg	12/01/25 15:33	VY120125
75-35-4	1,1-Dichloroethene	3.60	U	1	3.60	17.8	ug/Kg	12/01/25 15:33	VY120125
67-64-1	Acetone	74.3	J	1	16.8	88.8	ug/Kg	12/01/25 15:33	VY120125
75-15-0	Carbon Disulfide	3.80	U	1	3.80	17.8	ug/Kg	12/01/25 15:33	VY120125
1634-04-4	Methyl tert-butyl Ether	2.60	U	1	2.60	17.8	ug/Kg	12/01/25 15:33	VY120125
79-20-9	Methyl Acetate	5.50	U	1	5.50	17.8	ug/Kg	12/01/25 15:33	VY120125
75-09-2	Methylene Chloride	12.5	U	1	12.5	35.5	ug/Kg	12/01/25 15:33	VY120125
156-60-5	trans-1,2-Dichloroethene	3.10	U	1	3.10	17.8	ug/Kg	12/01/25 15:33	VY120125
75-34-3	1,1-Dichloroethane	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
110-82-7	Cyclohexane	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
78-93-3	2-Butanone	23.2	U	1	23.2	88.8	ug/Kg	12/01/25 15:33	VY120125
56-23-5	Carbon Tetrachloride	3.40	U	1	3.40	17.8	ug/Kg	12/01/25 15:33	VY120125
156-59-2	cis-1,2-Dichloroethene	2.70	U	1	2.70	17.8	ug/Kg	12/01/25 15:33	VY120125
74-97-5	Bromochloromethane	4.10	U	1	4.10	17.8	ug/Kg	12/01/25 15:33	VY120125
67-66-3	Chloroform	3.00	U	1	3.00	17.8	ug/Kg	12/01/25 15:33	VY120125
71-55-6	1,1,1-Trichloroethane	3.30	U	1	3.30	17.8	ug/Kg	12/01/25 15:33	VY120125
108-87-2	Methylcyclohexane	3.20	U	1	3.20	17.8	ug/Kg	12/01/25 15:33	VY120125
71-43-2	Benzene	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
107-06-2	1,2-Dichloroethane	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
79-01-6	Trichloroethene	2.90	U	1	2.90	17.8	ug/Kg	12/01/25 15:33	VY120125
78-87-5	1,2-Dichloropropane	3.20	U	1	3.20	17.8	ug/Kg	12/01/25 15:33	VY120125
75-27-4	Bromodichloromethane	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
108-10-1	4-Methyl-2-Pentanone	12.7	U	1	12.7	88.8	ug/Kg	12/01/25 15:33	VY120125
108-88-3	Toluene	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
10061-02-6	t-1,3-Dichloropropene	2.30	U	1	2.30	17.8	ug/Kg	12/01/25 15:33	VY120125
10061-01-5	cis-1,3-Dichloropropene	2.20	U	1	2.20	17.8	ug/Kg	12/01/25 15:33	VY120125
79-00-5	1,1,2-Trichloroethane	3.30	U	1	3.30	17.8	ug/Kg	12/01/25 15:33	VY120125
591-78-6	2-Hexanone	13.1	U	1	13.1	88.8	ug/Kg	12/01/25 15:33	VY120125
124-48-1	Dibromochloromethane	3.10	U	1	3.10	17.8	ug/Kg	12/01/25 15:33	VY120125
106-93-4	1,2-Dibromoethane	3.10	U	1	3.10	17.8	ug/Kg	12/01/25 15:33	VY120125
127-18-4	Tetrachloroethene	3.70	U	1	3.70	17.8	ug/Kg	12/01/25 15:33	VY120125
108-90-7	Chlorobenzene	3.20	U	1	3.20	17.8	ug/Kg	12/01/25 15:33	VY120125
100-41-4	Ethyl Benzene	2.40	U	1	2.40	17.8	ug/Kg	12/01/25 15:33	VY120125
179601-23-1	m/p-Xylenes	4.40	U	1	4.40	35.5	ug/Kg	12/01/25 15:33	VY120125
95-47-6	o-Xylene	2.90	U	1	2.90	17.8	ug/Kg	12/01/25 15:33	VY120125
100-42-5	Styrene	2.50	U	1	2.50	17.8	ug/Kg	12/01/25 15:33	VY120125
75-25-2	Bromoform	3.10	U	1	3.10	17.8	ug/Kg	12/01/25 15:33	VY120125

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Saddler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-19	SDG No.: Q3742	
Lab Sample ID: Q3742-02	Matrix: SOIL	
Analytical Method: 8260D	% Solid: 40.9	
Sample Wt/Vol: 3.44 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	2.80	U	1	2.80	17.8	ug/Kg	12/01/25 15:33	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	4.30	U	1	4.30	17.8	ug/Kg	12/01/25 15:33	VY120125
541-73-1	1,3-Dichlorobenzene	6.10	U	1	6.10	17.8	ug/Kg	12/01/25 15:33	VY120125
106-46-7	1,4-Dichlorobenzene	5.50	U	1	5.50	17.8	ug/Kg	12/01/25 15:33	VY120125
95-50-1	1,2-Dichlorobenzene	5.20	U	1	5.20	17.8	ug/Kg	12/01/25 15:33	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	6.50	U	1	6.50	17.8	ug/Kg	12/01/25 15:33	VY120125
120-82-1	1,2,4-Trichlorobenzene	10.6	U	1	10.6	17.8	ug/Kg	12/01/25 15:33	VY120125
87-61-6	1,2,3-Trichlorobenzene	11.3	U	1	11.3	17.8	ug/Kg	12/01/25 15:33	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.6			63 - 155	121%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	50.8			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4			52 - 138	89%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	639000
540-36-3	1,4-Difluorobenzene	1170000
3114-55-4	Chlorobenzene-d5	1010000
3855-82-1	1,4-Dichlorobenzene-d4	405000

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-1125-8
Lab Sample ID: Q3742-03
Analytical Method: 8260D
Sample Wt/Vol: 2.5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 85.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.70	U	1	2.70	11.7	ug/Kg	12/01/25 15:57	VY120125
74-87-3	Chloromethane	2.70	U	1	2.70	11.7	ug/Kg	12/01/25 15:57	VY120125
75-01-4	Vinyl Chloride	1.90	U	1	1.90	11.7	ug/Kg	12/01/25 15:57	VY120125
74-83-9	Bromomethane	2.50	U	1	2.50	11.7	ug/Kg	12/01/25 15:57	VY120125
75-00-3	Chloroethane	3.00	U	1	3.00	11.7	ug/Kg	12/01/25 15:57	VY120125
75-69-4	Trichlorofluoromethane	2.80	U	1	2.80	11.7	ug/Kg	12/01/25 15:57	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1	2.50	11.7	ug/Kg	12/01/25 15:57	VY120125
75-35-4	1,1-Dichloroethene	2.30	U	1	2.30	11.7	ug/Kg	12/01/25 15:57	VY120125
67-64-1	Acetone	11.1	U	1	11.1	58.7	ug/Kg	12/01/25 15:57	VY120125
75-15-0	Carbon Disulfide	2.50	U	1	2.50	11.7	ug/Kg	12/01/25 15:57	VY120125
1634-04-4	Methyl tert-butyl Ether	1.70	U	1	1.70	11.7	ug/Kg	12/01/25 15:57	VY120125
79-20-9	Methyl Acetate	3.60	U	1	3.60	11.7	ug/Kg	12/01/25 15:57	VY120125
75-09-2	Methylene Chloride	8.30	U	1	8.30	23.5	ug/Kg	12/01/25 15:57	VY120125
156-60-5	trans-1,2-Dichloroethene	2.00	U	1	2.00	11.7	ug/Kg	12/01/25 15:57	VY120125
75-34-3	1,1-Dichloroethane	1.90	U	1	1.90	11.7	ug/Kg	12/01/25 15:57	VY120125
110-82-7	Cyclohexane	1.90	U	1	1.90	11.7	ug/Kg	12/01/25 15:57	VY120125
78-93-3	2-Butanone	15.4	U	1	15.4	58.7	ug/Kg	12/01/25 15:57	VY120125
56-23-5	Carbon Tetrachloride	2.30	U	1	2.30	11.7	ug/Kg	12/01/25 15:57	VY120125
156-59-2	cis-1,2-Dichloroethene	1.80	U	1	1.80	11.7	ug/Kg	12/01/25 15:57	VY120125
74-97-5	Bromochloromethane	2.70	U	1	2.70	11.7	ug/Kg	12/01/25 15:57	VY120125
67-66-3	Chloroform	2.00	U	1	2.00	11.7	ug/Kg	12/01/25 15:57	VY120125
71-55-6	1,1,1-Trichloroethane	2.20	U	1	2.20	11.7	ug/Kg	12/01/25 15:57	VY120125
108-87-2	Methylcyclohexane	2.10	U	1	2.10	11.7	ug/Kg	12/01/25 15:57	VY120125
71-43-2	Benzene	1.90	U	1	1.90	11.7	ug/Kg	12/01/25 15:57	VY120125
107-06-2	1,2-Dichloroethane	1.90	U	1	1.90	11.7	ug/Kg	12/01/25 15:57	VY120125
79-01-6	Trichloroethene	1.90	U	1	1.90	11.7	ug/Kg	12/01/25 15:57	VY120125
78-87-5	1,2-Dichloropropane	2.10	U	1	2.10	11.7	ug/Kg	12/01/25 15:57	VY120125
75-27-4	Bromodichloromethane	1.80	U	1	1.80	11.7	ug/Kg	12/01/25 15:57	VY120125
108-10-1	4-Methyl-2-Pentanone	8.40	U	1	8.40	58.7	ug/Kg	12/01/25 15:57	VY120125
108-88-3	Toluene	1.80	U	1	1.80	11.7	ug/Kg	12/01/25 15:57	VY120125
10061-02-6	t-1,3-Dichloropropene	1.50	U	1	1.50	11.7	ug/Kg	12/01/25 15:57	VY120125
10061-01-5	cis-1,3-Dichloropropene	1.50	U	1	1.50	11.7	ug/Kg	12/01/25 15:57	VY120125
79-00-5	1,1,2-Trichloroethane	2.20	U	1	2.20	11.7	ug/Kg	12/01/25 15:57	VY120125
591-78-6	2-Hexanone	8.70	U	1	8.70	58.7	ug/Kg	12/01/25 15:57	VY120125
124-48-1	Dibromochloromethane	2.00	U	1	2.00	11.7	ug/Kg	12/01/25 15:57	VY120125
106-93-4	1,2-Dibromoethane	2.10	U	1	2.10	11.7	ug/Kg	12/01/25 15:57	VY120125
127-18-4	Tetrachloroethene	2.50	U	1	2.50	11.7	ug/Kg	12/01/25 15:57	VY120125
108-90-7	Chlorobenzene	2.10	U	1	2.10	11.7	ug/Kg	12/01/25 15:57	VY120125
100-41-4	Ethyl Benzene	1.60	U	1	1.60	11.7	ug/Kg	12/01/25 15:57	VY120125
179601-23-1	m/p-Xylenes	2.90	U	1	2.90	23.5	ug/Kg	12/01/25 15:57	VY120125
95-47-6	o-Xylene	1.90	U	1	1.90	11.7	ug/Kg	12/01/25 15:57	VY120125
100-42-5	Styrene	1.70	U	1	1.70	11.7	ug/Kg	12/01/25 15:57	VY120125
75-25-2	Bromoform	2.00	U	1	2.00	11.7	ug/Kg	12/01/25 15:57	VY120125

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-8	SDG No.:	Q3742
Lab Sample ID:	Q3742-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.2
Sample Wt/Vol:	2.5 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	1.80	U	1	1.80	11.7	ug/Kg	12/01/25 15:57	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	2.80	U	1	2.80	11.7	ug/Kg	12/01/25 15:57	VY120125
541-73-1	1,3-Dichlorobenzene	4.00	U	1	4.00	11.7	ug/Kg	12/01/25 15:57	VY120125
106-46-7	1,4-Dichlorobenzene	3.70	U	1	3.70	11.7	ug/Kg	12/01/25 15:57	VY120125
95-50-1	1,2-Dichlorobenzene	3.40	U	1	3.40	11.7	ug/Kg	12/01/25 15:57	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	4.30	U	1	4.30	11.7	ug/Kg	12/01/25 15:57	VY120125
120-82-1	1,2,4-Trichlorobenzene	7.00	U	1	7.00	11.7	ug/Kg	12/01/25 15:57	VY120125
87-61-6	1,2,3-Trichlorobenzene	7.50	U	1	7.50	11.7	ug/Kg	12/01/25 15:57	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	59.9			63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8			70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	50.8			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5			52 - 138	89%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	609000
540-36-3	1,4-Difluorobenzene	1110000
3114-55-4	Chlorobenzene-d5	956000
3855-82-1	1,4-Dichlorobenzene-d4	376000

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-1125-9
 Lab Sample ID: Q3742-04
 Analytical Method: 8260D
 Sample Wt/Vol: 2.52 g

Level: LOW
 Final Vol: 5000 uL

Date Collected: 11/25/25
 Date Received: 11/26/25
 SDG No.: Q3742
 Matrix: SOIL
 % Solid: 78.6
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.90	U	1	2.90	12.6	ug/Kg	12/01/25 16:20	VY120125
74-87-3	Chloromethane	2.90	U	1	2.90	12.6	ug/Kg	12/01/25 16:20	VY120125
75-01-4	Vinyl Chloride	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
74-83-9	Bromomethane	2.70	U	1	2.70	12.6	ug/Kg	12/01/25 16:20	VY120125
75-00-3	Chloroethane	3.20	U	1	3.20	12.6	ug/Kg	12/01/25 16:20	VY120125
75-69-4	Trichlorofluoromethane	3.10	U	1	3.10	12.6	ug/Kg	12/01/25 16:20	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.70	U	1	2.70	12.6	ug/Kg	12/01/25 16:20	VY120125
75-35-4	1,1-Dichloroethene	2.50	U	1	2.50	12.6	ug/Kg	12/01/25 16:20	VY120125
67-64-1	Acetone	44.3	J	1	12.0	63.1	ug/Kg	12/01/25 16:20	VY120125
75-15-0	Carbon Disulfide	2.70	U	1	2.70	12.6	ug/Kg	12/01/25 16:20	VY120125
1634-04-4	Methyl tert-butyl Ether	1.80	U	1	1.80	12.6	ug/Kg	12/01/25 16:20	VY120125
79-20-9	Methyl Acetate	3.90	U	1	3.90	12.6	ug/Kg	12/01/25 16:20	VY120125
75-09-2	Methylene Chloride	8.90	U	1	8.90	25.2	ug/Kg	12/01/25 16:20	VY120125
156-60-5	trans-1,2-Dichloroethene	2.20	U	1	2.20	12.6	ug/Kg	12/01/25 16:20	VY120125
75-34-3	1,1-Dichloroethane	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
110-82-7	Cyclohexane	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
78-93-3	2-Butanone	16.5	U	1	16.5	63.1	ug/Kg	12/01/25 16:20	VY120125
56-23-5	Carbon Tetrachloride	2.40	U	1	2.40	12.6	ug/Kg	12/01/25 16:20	VY120125
156-59-2	cis-1,2-Dichloroethene	1.90	U	1	1.90	12.6	ug/Kg	12/01/25 16:20	VY120125
74-97-5	Bromochloromethane	2.90	U	1	2.90	12.6	ug/Kg	12/01/25 16:20	VY120125
67-66-3	Chloroform	2.10	U	1	2.10	12.6	ug/Kg	12/01/25 16:20	VY120125
71-55-6	1,1,1-Trichloroethane	2.30	U	1	2.30	12.6	ug/Kg	12/01/25 16:20	VY120125
108-87-2	Methylcyclohexane	2.30	U	1	2.30	12.6	ug/Kg	12/01/25 16:20	VY120125
71-43-2	Benzene	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
107-06-2	1,2-Dichloroethane	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
79-01-6	Trichloroethene	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
78-87-5	1,2-Dichloropropane	2.30	U	1	2.30	12.6	ug/Kg	12/01/25 16:20	VY120125
75-27-4	Bromodichloromethane	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
108-10-1	4-Methyl-2-Pentanone	9.00	U	1	9.00	63.1	ug/Kg	12/01/25 16:20	VY120125
108-88-3	Toluene	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
10061-02-6	t-1,3-Dichloropropene	1.60	U	1	1.60	12.6	ug/Kg	12/01/25 16:20	VY120125
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1	1.60	12.6	ug/Kg	12/01/25 16:20	VY120125
79-00-5	1,1,2-Trichloroethane	2.30	U	1	2.30	12.6	ug/Kg	12/01/25 16:20	VY120125
591-78-6	2-Hexanone	9.30	U	1	9.30	63.1	ug/Kg	12/01/25 16:20	VY120125
124-48-1	Dibromochloromethane	2.20	U	1	2.20	12.6	ug/Kg	12/01/25 16:20	VY120125
106-93-4	1,2-Dibromoethane	2.20	U	1	2.20	12.6	ug/Kg	12/01/25 16:20	VY120125
127-18-4	Tetrachloroethene	2.70	U	1	2.70	12.6	ug/Kg	12/01/25 16:20	VY120125
108-90-7	Chlorobenzene	2.30	U	1	2.30	12.6	ug/Kg	12/01/25 16:20	VY120125
100-41-4	Ethyl Benzene	1.70	U	1	1.70	12.6	ug/Kg	12/01/25 16:20	VY120125
179601-23-1	m/p-Xylenes	3.10	U	1	3.10	25.2	ug/Kg	12/01/25 16:20	VY120125
95-47-6	o-Xylene	2.10	U	1	2.10	12.6	ug/Kg	12/01/25 16:20	VY120125
100-42-5	Styrene	1.80	U	1	1.80	12.6	ug/Kg	12/01/25 16:20	VY120125
75-25-2	Bromoform	2.20	U	1	2.20	12.6	ug/Kg	12/01/25 16:20	VY120125

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Saddler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-9	SDG No.: Q3742	
Lab Sample ID: Q3742-04	Matrix: SOIL	
Analytical Method: 8260D	% Solid: 78.6	
Sample Wt/Vol: 2.52 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	2.00	U	1	2.00	12.6	ug/Kg	12/01/25 16:20	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	3.10	U	1	3.10	12.6	ug/Kg	12/01/25 16:20	VY120125
541-73-1	1,3-Dichlorobenzene	4.30	U	1	4.30	12.6	ug/Kg	12/01/25 16:20	VY120125
106-46-7	1,4-Dichlorobenzene	3.90	U	1	3.90	12.6	ug/Kg	12/01/25 16:20	VY120125
95-50-1	1,2-Dichlorobenzene	3.70	U	1	3.70	12.6	ug/Kg	12/01/25 16:20	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	4.60	U	1	4.60	12.6	ug/Kg	12/01/25 16:20	VY120125
120-82-1	1,2,4-Trichlorobenzene	7.50	U	1	7.50	12.6	ug/Kg	12/01/25 16:20	VY120125
87-61-6	1,2,3-Trichlorobenzene	8.00	U	1	8.00	12.6	ug/Kg	12/01/25 16:20	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.8		63 - 155	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	50.5		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		52 - 138	86%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	621000
540-36-3	1,4-Difluorobenzene	1130000
3114-55-4	Chlorobenzene-d5	961000
3855-82-1	1,4-Dichlorobenzene-d4	367000

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



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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-21
Lab Sample ID: Q3742-05
Analytical Method: 8260D
Sample Wt/Vol: 2.02 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 79.5
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	3.50	U	1	3.50	15.6	ug/Kg	12/02/25 12:08	VY120225
74-87-3	Chloromethane	3.50	U	1	3.50	15.6	ug/Kg	12/02/25 12:08	VY120225
75-01-4	Vinyl Chloride	2.50	U	1	2.50	15.6	ug/Kg	12/02/25 12:08	VY120225
74-83-9	Bromomethane	3.30	U	1	3.30	15.6	ug/Kg	12/02/25 12:08	VY120225
75-00-3	Chloroethane	3.90	U	1	3.90	15.6	ug/Kg	12/02/25 12:08	VY120225
75-69-4	Trichlorofluoromethane	3.80	U	1	3.80	15.6	ug/Kg	12/02/25 12:08	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	3.30	U	1	3.30	15.6	ug/Kg	12/02/25 12:08	VY120225
75-35-4	1,1-Dichloroethene	3.10	U	1	3.10	15.6	ug/Kg	12/02/25 12:08	VY120225
67-64-1	Acetone	14.8	U	1	14.8	77.8	ug/Kg	12/02/25 12:08	VY120225
75-15-0	Carbon Disulfide	3.30	U	1	3.30	15.6	ug/Kg	12/02/25 12:08	VY120225
1634-04-4	Methyl tert-butyl Ether	2.30	U	1	2.30	15.6	ug/Kg	12/02/25 12:08	VY120225
79-20-9	Methyl Acetate	4.80	U	1	4.80	15.6	ug/Kg	12/02/25 12:08	VY120225
75-09-2	Methylene Chloride	11.0	U	1	11.0	31.1	ug/Kg	12/02/25 12:08	VY120225
156-60-5	trans-1,2-Dichloroethene	2.70	U	1	2.70	15.6	ug/Kg	12/02/25 12:08	VY120225
75-34-3	1,1-Dichloroethane	2.50	U	1	2.50	15.6	ug/Kg	12/02/25 12:08	VY120225
110-82-7	Cyclohexane	2.50	U	1	2.50	15.6	ug/Kg	12/02/25 12:08	VY120225
78-93-3	2-Butanone	20.4	U	1	20.4	77.8	ug/Kg	12/02/25 12:08	VY120225
56-23-5	Carbon Tetrachloride	3.00	U	1	3.00	15.6	ug/Kg	12/02/25 12:08	VY120225
156-59-2	cis-1,2-Dichloroethene	2.30	U	1	2.30	15.6	ug/Kg	12/02/25 12:08	VY120225
74-97-5	Bromochloromethane	3.60	U	1	3.60	15.6	ug/Kg	12/02/25 12:08	VY120225
67-66-3	Chloroform	2.60	U	1	2.60	15.6	ug/Kg	12/02/25 12:08	VY120225
71-55-6	1,1,1-Trichloroethane	2.90	U	1	2.90	15.6	ug/Kg	12/02/25 12:08	VY120225
108-87-2	Methylcyclohexane	2.80	U	1	2.80	15.6	ug/Kg	12/02/25 12:08	VY120225
71-43-2	Benzene	2.50	U	1	2.50	15.6	ug/Kg	12/02/25 12:08	VY120225
107-06-2	1,2-Dichloroethane	2.50	U	1	2.50	15.6	ug/Kg	12/02/25 12:08	VY120225
79-01-6	Trichloroethene	2.50	U	1	2.50	15.6	ug/Kg	12/02/25 12:08	VY120225
78-87-5	1,2-Dichloropropane	2.80	U	1	2.80	15.6	ug/Kg	12/02/25 12:08	VY120225
75-27-4	Bromodichloromethane	2.40	U	1	2.40	15.6	ug/Kg	12/02/25 12:08	VY120225
108-10-1	4-Methyl-2-Pentanone	11.1	U	1	11.1	77.8	ug/Kg	12/02/25 12:08	VY120225
108-88-3	Toluene	2.40	U	1	2.40	15.6	ug/Kg	12/02/25 12:08	VY120225
10061-02-6	t-1,3-Dichloropropene	2.00	U	1	2.00	15.6	ug/Kg	12/02/25 12:08	VY120225
10061-01-5	cis-1,3-Dichloropropene	1.90	U	1	1.90	15.6	ug/Kg	12/02/25 12:08	VY120225
79-00-5	1,1,2-Trichloroethane	2.90	U	1	2.90	15.6	ug/Kg	12/02/25 12:08	VY120225
591-78-6	2-Hexanone	11.5	U	1	11.5	77.8	ug/Kg	12/02/25 12:08	VY120225
124-48-1	Dibromochloromethane	2.70	U	1	2.70	15.6	ug/Kg	12/02/25 12:08	VY120225
106-93-4	1,2-Dibromoethane	2.70	U	1	2.70	15.6	ug/Kg	12/02/25 12:08	VY120225
127-18-4	Tetrachloroethene	3.30	U	1	3.30	15.6	ug/Kg	12/02/25 12:08	VY120225
108-90-7	Chlorobenzene	2.80	U	1	2.80	15.6	ug/Kg	12/02/25 12:08	VY120225
100-41-4	Ethyl Benzene	2.10	U	1	2.10	15.6	ug/Kg	12/02/25 12:08	VY120225
179601-23-1	m/p-Xylenes	3.90	U	1	3.90	31.1	ug/Kg	12/02/25 12:08	VY120225
95-47-6	o-Xylene	2.60	U	1	2.60	15.6	ug/Kg	12/02/25 12:08	VY120225
100-42-5	Styrene	2.20	U	1	2.20	15.6	ug/Kg	12/02/25 12:08	VY120225
75-25-2	Bromoform	2.70	U	1	2.70	15.6	ug/Kg	12/02/25 12:08	VY120225

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-21	SDG No.:	Q3742
Lab Sample ID:	Q3742-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	79.5
Sample Wt/Vol:	2.02 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	2.40	U	1	2.40	15.6	ug/Kg	12/02/25 12:08	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	3.80	U	1	3.80	15.6	ug/Kg	12/02/25 12:08	VY120225
541-73-1	1,3-Dichlorobenzene	5.30	U	1	5.30	15.6	ug/Kg	12/02/25 12:08	VY120225
106-46-7	1,4-Dichlorobenzene	4.90	U	1	4.90	15.6	ug/Kg	12/02/25 12:08	VY120225
95-50-1	1,2-Dichlorobenzene	4.50	U	1	4.50	15.6	ug/Kg	12/02/25 12:08	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	5.70	U	1	5.70	15.6	ug/Kg	12/02/25 12:08	VY120225
120-82-1	1,2,4-Trichlorobenzene	9.20	U	1	9.20	15.6	ug/Kg	12/02/25 12:08	VY120225
87-61-6	1,2,3-Trichlorobenzene	9.90	U	1	9.90	15.6	ug/Kg	12/02/25 12:08	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.5			63 - 155	121%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5			70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	49.8			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.4			52 - 138	79%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	665000
540-36-3	1,4-Difluorobenzene	1220000
3114-55-4	Chlorobenzene-d5	983000
3855-82-1	1,4-Dichlorobenzene-d4	346000

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-1125-13
 Lab Sample ID: Q3742-06
 Analytical Method: 8260D
 Sample Wt/Vol: 2.12 g

Level: LOW
 Final Vol: 5000 uL

Date Collected: 11/25/25
 Date Received: 11/26/25
 SDG No.: Q3742
 Matrix: SOIL
 % Solid: 85.5
 Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	3.10	U	1	3.10	13.8	ug/Kg	12/02/25 14:29	VY120225
74-87-3	Chloromethane	3.10	U	1	3.10	13.8	ug/Kg	12/02/25 14:29	VY120225
75-01-4	Vinyl Chloride	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
74-83-9	Bromomethane	3.00	U	1	3.00	13.8	ug/Kg	12/02/25 14:29	VY120225
75-00-3	Chloroethane	3.50	U	1	3.50	13.8	ug/Kg	12/02/25 14:29	VY120225
75-69-4	Trichlorofluoromethane	3.30	U	1	3.30	13.8	ug/Kg	12/02/25 14:29	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	2.90	U	1	2.90	13.8	ug/Kg	12/02/25 14:29	VY120225
75-35-4	1,1-Dichloroethene	2.80	U	1	2.80	13.8	ug/Kg	12/02/25 14:29	VY120225
67-64-1	Acetone	13.1	U	1	13.1	69.0	ug/Kg	12/02/25 14:29	VY120225
75-15-0	Carbon Disulfide	2.90	U	1	2.90	13.8	ug/Kg	12/02/25 14:29	VY120225
1634-04-4	Methyl tert-butyl Ether	2.00	U	1	2.00	13.8	ug/Kg	12/02/25 14:29	VY120225
79-20-9	Methyl Acetate	4.20	U	1	4.20	13.8	ug/Kg	12/02/25 14:29	VY120225
75-09-2	Methylene Chloride	9.70	U	1	9.70	27.6	ug/Kg	12/02/25 14:29	VY120225
156-60-5	trans-1,2-Dichloroethene	2.40	U	1	2.40	13.8	ug/Kg	12/02/25 14:29	VY120225
75-34-3	1,1-Dichloroethane	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
110-82-7	Cyclohexane	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
78-93-3	2-Butanone	18.0	U	1	18.0	69.0	ug/Kg	12/02/25 14:29	VY120225
56-23-5	Carbon Tetrachloride	2.70	U	1	2.70	13.8	ug/Kg	12/02/25 14:29	VY120225
156-59-2	cis-1,2-Dichloroethene	2.10	U	1	2.10	13.8	ug/Kg	12/02/25 14:29	VY120225
74-97-5	Bromochloromethane	3.20	U	1	3.20	13.8	ug/Kg	12/02/25 14:29	VY120225
67-66-3	Chloroform	2.30	U	1	2.30	13.8	ug/Kg	12/02/25 14:29	VY120225
71-55-6	1,1,1-Trichloroethane	2.60	U	1	2.60	13.8	ug/Kg	12/02/25 14:29	VY120225
108-87-2	Methylcyclohexane	2.50	U	1	2.50	13.8	ug/Kg	12/02/25 14:29	VY120225
71-43-2	Benzene	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
107-06-2	1,2-Dichloroethane	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
79-01-6	Trichloroethene	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
78-87-5	1,2-Dichloropropane	2.50	U	1	2.50	13.8	ug/Kg	12/02/25 14:29	VY120225
75-27-4	Bromodichloromethane	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
108-10-1	4-Methyl-2-Pentanone	9.90	U	1	9.90	69.0	ug/Kg	12/02/25 14:29	VY120225
108-88-3	Toluene	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
10061-02-6	t-1,3-Dichloropropene	1.80	U	1	1.80	13.8	ug/Kg	12/02/25 14:29	VY120225
10061-01-5	cis-1,3-Dichloropropene	1.70	U	1	1.70	13.8	ug/Kg	12/02/25 14:29	VY120225
79-00-5	1,1,2-Trichloroethane	2.50	U	1	2.50	13.8	ug/Kg	12/02/25 14:29	VY120225
591-78-6	2-Hexanone	10.2	U	1	10.2	69.0	ug/Kg	12/02/25 14:29	VY120225
124-48-1	Dibromochloromethane	2.40	U	1	2.40	13.8	ug/Kg	12/02/25 14:29	VY120225
106-93-4	1,2-Dibromoethane	2.40	U	1	2.40	13.8	ug/Kg	12/02/25 14:29	VY120225
127-18-4	Tetrachloroethene	2.90	U	1	2.90	13.8	ug/Kg	12/02/25 14:29	VY120225
108-90-7	Chlorobenzene	2.50	U	1	2.50	13.8	ug/Kg	12/02/25 14:29	VY120225
100-41-4	Ethyl Benzene	1.80	U	1	1.80	13.8	ug/Kg	12/02/25 14:29	VY120225
179601-23-1	m/p-Xylenes	3.40	U	1	3.40	27.6	ug/Kg	12/02/25 14:29	VY120225
95-47-6	o-Xylene	2.30	U	1	2.30	13.8	ug/Kg	12/02/25 14:29	VY120225
100-42-5	Styrene	2.00	U	1	2.00	13.8	ug/Kg	12/02/25 14:29	VY120225
75-25-2	Bromoform	2.40	U	1	2.40	13.8	ug/Kg	12/02/25 14:29	VY120225

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-13	SDG No.:	Q3742
Lab Sample ID:	Q3742-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	2.12 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	2.20	U	1	2.20	13.8	ug/Kg	12/02/25 14:29	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	3.30	U	1	3.30	13.8	ug/Kg	12/02/25 14:29	VY120225
541-73-1	1,3-Dichlorobenzene	4.70	U	1	4.70	13.8	ug/Kg	12/02/25 14:29	VY120225
106-46-7	1,4-Dichlorobenzene	4.30	U	1	4.30	13.8	ug/Kg	12/02/25 14:29	VY120225
95-50-1	1,2-Dichlorobenzene	4.00	U	1	4.00	13.8	ug/Kg	12/02/25 14:29	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	5.10	U	1	5.10	13.8	ug/Kg	12/02/25 14:29	VY120225
120-82-1	1,2,4-Trichlorobenzene	8.20	U	1	8.20	13.8	ug/Kg	12/02/25 14:29	VY120225
87-61-6	1,2,3-Trichlorobenzene	8.80	U	1	8.80	13.8	ug/Kg	12/02/25 14:29	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.3			63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9			70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	50.4			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6			52 - 138	85%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	636000
540-36-3	1,4-Difluorobenzene	1170000
3114-55-4	Chlorobenzene-d5	987000
3855-82-1	1,4-Dichlorobenzene-d4	379000

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-1125-18
Lab Sample ID: Q3742-07
Analytical Method: 8260D
Sample Wt/Vol: 4.97 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 68.3
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	7.40	ug/Kg	12/04/25 15:06	VY120425
74-87-3	Chloromethane	1.70	U	1	1.70	7.40	ug/Kg	12/04/25 15:06	VY120425
75-01-4	Vinyl Chloride	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
74-83-9	Bromomethane	1.60	U	1	1.60	7.40	ug/Kg	12/04/25 15:06	VY120425
75-00-3	Chloroethane	1.90	U	1	1.90	7.40	ug/Kg	12/04/25 15:06	VY120425
75-69-4	Trichlorofluoromethane	1.80	U	1	1.80	7.40	ug/Kg	12/04/25 15:06	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	U	1	1.60	7.40	ug/Kg	12/04/25 15:06	VY120425
75-35-4	1,1-Dichloroethene	1.50	U	1	1.50	7.40	ug/Kg	12/04/25 15:06	VY120425
67-64-1	Acetone	35.2	J	1	7.00	36.8	ug/Kg	12/04/25 15:06	VY120425
75-15-0	Carbon Disulfide	1.60	U	1	1.60	7.40	ug/Kg	12/04/25 15:06	VY120425
1634-04-4	Methyl tert-butyl Ether	1.10	U	1	1.10	7.40	ug/Kg	12/04/25 15:06	VY120425
79-20-9	Methyl Acetate	2.30	U	1	2.30	7.40	ug/Kg	12/04/25 15:06	VY120425
75-09-2	Methylene Chloride	5.20	U	1	5.20	14.7	ug/Kg	12/04/25 15:06	VY120425
156-60-5	trans-1,2-Dichloroethene	1.30	U	1	1.30	7.40	ug/Kg	12/04/25 15:06	VY120425
75-34-3	1,1-Dichloroethane	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
110-82-7	Cyclohexane	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
78-93-3	2-Butanone	9.60	U	1	9.60	36.8	ug/Kg	12/04/25 15:06	VY120425
56-23-5	Carbon Tetrachloride	1.40	U	1	1.40	7.40	ug/Kg	12/04/25 15:06	VY120425
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.40	ug/Kg	12/04/25 15:06	VY120425
74-97-5	Bromochloromethane	1.70	U	1	1.70	7.40	ug/Kg	12/04/25 15:06	VY120425
67-66-3	Chloroform	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
71-55-6	1,1,1-Trichloroethane	1.40	U	1	1.40	7.40	ug/Kg	12/04/25 15:06	VY120425
108-87-2	Methylcyclohexane	1.30	U	1	1.30	7.40	ug/Kg	12/04/25 15:06	VY120425
71-43-2	Benzene	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
107-06-2	1,2-Dichloroethane	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
79-01-6	Trichloroethene	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
78-87-5	1,2-Dichloropropane	1.30	U	1	1.30	7.40	ug/Kg	12/04/25 15:06	VY120425
75-27-4	Bromodichloromethane	1.10	U	1	1.10	7.40	ug/Kg	12/04/25 15:06	VY120425
108-10-1	4-Methyl-2-Pentanone	5.30	U	1	5.30	36.8	ug/Kg	12/04/25 15:06	VY120425
108-88-3	Toluene	1.10	U	1	1.10	7.40	ug/Kg	12/04/25 15:06	VY120425
10061-02-6	t-1,3-Dichloropropene	0.96	U	1	0.96	7.40	ug/Kg	12/04/25 15:06	VY120425
10061-01-5	cis-1,3-Dichloropropene	0.91	U	1	0.91	7.40	ug/Kg	12/04/25 15:06	VY120425
79-00-5	1,1,2-Trichloroethane	1.40	U	1	1.40	7.40	ug/Kg	12/04/25 15:06	VY120425
591-78-6	2-Hexanone	5.40	U	1	5.40	36.8	ug/Kg	12/04/25 15:06	VY120425
124-48-1	Dibromochloromethane	1.30	U	1	1.30	7.40	ug/Kg	12/04/25 15:06	VY120425
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.40	ug/Kg	12/04/25 15:06	VY120425
127-18-4	Tetrachloroethene	1.50	U	1	1.50	7.40	ug/Kg	12/04/25 15:06	VY120425
108-90-7	Chlorobenzene	1.30	U	1	1.30	7.40	ug/Kg	12/04/25 15:06	VY120425
100-41-4	Ethyl Benzene	0.99	U	1	0.99	7.40	ug/Kg	12/04/25 15:06	VY120425
179601-23-1	m/p-Xylenes	1.80	U	1	1.80	14.7	ug/Kg	12/04/25 15:06	VY120425
95-47-6	o-Xylene	1.20	U	1	1.20	7.40	ug/Kg	12/04/25 15:06	VY120425
100-42-5	Styrene	1.00	U	1	1.00	7.40	ug/Kg	12/04/25 15:06	VY120425
75-25-2	Bromoform	1.30	U	1	1.30	7.40	ug/Kg	12/04/25 15:06	VY120425



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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-18
Lab Sample ID: Q3742-07
Analytical Method: 8260D
Sample Wt/Vol: 4.97 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 68.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.10	U	1	1.10	7.40	ug/Kg	12/04/25 15:06	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1	1.80	7.40	ug/Kg	12/04/25 15:06	VY120425
541-73-1	1,3-Dichlorobenzene	2.50	U	1	2.50	7.40	ug/Kg	12/04/25 15:06	VY120425
106-46-7	1,4-Dichlorobenzene	2.30	U	1	2.30	7.40	ug/Kg	12/04/25 15:06	VY120425
95-50-1	1,2-Dichlorobenzene	2.10	U	1	2.10	7.40	ug/Kg	12/04/25 15:06	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	U	1	2.70	7.40	ug/Kg	12/04/25 15:06	VY120425
120-82-1	1,2,4-Trichlorobenzene	4.40	U	1	4.40	7.40	ug/Kg	12/04/25 15:06	VY120425
87-61-6	1,2,3-Trichlorobenzene	4.70	U	1	4.70	7.40	ug/Kg	12/04/25 15:06	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	47.0			63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4			70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	45.6			74 - 123	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.8			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	782000
540-36-3	1,4-Difluorobenzene	1290000
3114-55-4	Chlorobenzene-d5	1110000
3855-82-1	1,4-Dichlorobenzene-d4	483000

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-1125-20
Lab Sample ID: Q3742-08
Analytical Method: 8260D
Sample Wt/Vol: 4.3 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 80.4
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	7.20	ug/Kg	12/02/25 15:57	VY120225
74-87-3	Chloromethane	1.60	U	1	1.60	7.20	ug/Kg	12/02/25 15:57	VY120225
75-01-4	Vinyl Chloride	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
74-83-9	Bromomethane	1.50	U	1	1.50	7.20	ug/Kg	12/02/25 15:57	VY120225
75-00-3	Chloroethane	1.80	U	1	1.80	7.20	ug/Kg	12/02/25 15:57	VY120225
75-69-4	Trichlorofluoromethane	1.70	U	1	1.70	7.20	ug/Kg	12/02/25 15:57	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1	1.50	7.20	ug/Kg	12/02/25 15:57	VY120225
75-35-4	1,1-Dichloroethene	1.40	U	1	1.40	7.20	ug/Kg	12/02/25 15:57	VY120225
67-64-1	Acetone	23.4	J	1	6.90	36.2	ug/Kg	12/02/25 15:57	VY120225
75-15-0	Carbon Disulfide	1.50	U	1	1.50	7.20	ug/Kg	12/02/25 15:57	VY120225
1634-04-4	Methyl tert-butyl Ether	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
79-20-9	Methyl Acetate	2.20	U	1	2.20	7.20	ug/Kg	12/02/25 15:57	VY120225
75-09-2	Methylene Chloride	5.10	U	1	5.10	14.5	ug/Kg	12/02/25 15:57	VY120225
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	7.20	ug/Kg	12/02/25 15:57	VY120225
75-34-3	1,1-Dichloroethane	1.20	U	1	1.20	7.20	ug/Kg	12/02/25 15:57	VY120225
110-82-7	Cyclohexane	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
78-93-3	2-Butanone	9.50	U	1	9.50	36.2	ug/Kg	12/02/25 15:57	VY120225
56-23-5	Carbon Tetrachloride	1.40	U	1	1.40	7.20	ug/Kg	12/02/25 15:57	VY120225
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
74-97-5	Bromochloromethane	1.70	U	1	1.70	7.20	ug/Kg	12/02/25 15:57	VY120225
67-66-3	Chloroform	1.20	U	1	1.20	7.20	ug/Kg	12/02/25 15:57	VY120225
71-55-6	1,1,1-Trichloroethane	1.30	U	1	1.30	7.20	ug/Kg	12/02/25 15:57	VY120225
108-87-2	Methylcyclohexane	1.30	U	1	1.30	7.20	ug/Kg	12/02/25 15:57	VY120225
71-43-2	Benzene	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
79-01-6	Trichloroethene	1.20	U	1	1.20	7.20	ug/Kg	12/02/25 15:57	VY120225
78-87-5	1,2-Dichloropropane	1.30	U	1	1.30	7.20	ug/Kg	12/02/25 15:57	VY120225
75-27-4	Bromodichloromethane	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
108-10-1	4-Methyl-2-Pentanone	5.20	U	1	5.20	36.2	ug/Kg	12/02/25 15:57	VY120225
108-88-3	Toluene	1.10	U	1	1.10	7.20	ug/Kg	12/02/25 15:57	VY120225
10061-02-6	t-1,3-Dichloropropene	0.94	U	1	0.94	7.20	ug/Kg	12/02/25 15:57	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.90	U	1	0.90	7.20	ug/Kg	12/02/25 15:57	VY120225
79-00-5	1,1,2-Trichloroethane	1.30	U	1	1.30	7.20	ug/Kg	12/02/25 15:57	VY120225
591-78-6	2-Hexanone	5.30	U	1	5.30	36.2	ug/Kg	12/02/25 15:57	VY120225
124-48-1	Dibromochloromethane	1.30	U	1	1.30	7.20	ug/Kg	12/02/25 15:57	VY120225
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.20	ug/Kg	12/02/25 15:57	VY120225
127-18-4	Tetrachloroethene	1.50	U	1	1.50	7.20	ug/Kg	12/02/25 15:57	VY120225
108-90-7	Chlorobenzene	1.30	U	1	1.30	7.20	ug/Kg	12/02/25 15:57	VY120225
100-41-4	Ethyl Benzene	0.97	U	1	0.97	7.20	ug/Kg	12/02/25 15:57	VY120225
179601-23-1	m/p-Xylenes	1.80	U	1	1.80	14.5	ug/Kg	12/02/25 15:57	VY120225
95-47-6	o-Xylene	1.20	U	1	1.20	7.20	ug/Kg	12/02/25 15:57	VY120225
100-42-5	Styrene	1.00	U	1	1.00	7.20	ug/Kg	12/02/25 15:57	VY120225
75-25-2	Bromoform	1.20	U	1	1.20	7.20	ug/Kg	12/02/25 15:57	VY120225

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-20	SDG No.:	Q3742
Lab Sample ID:	Q3742-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.4
Sample Wt/Vol:	4.3 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	7.20	ug/Kg	12/02/25 15:57	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.70	U	1	1.70	7.20	ug/Kg	12/02/25 15:57	VY120225
541-73-1	1,3-Dichlorobenzene	2.50	U	1	2.50	7.20	ug/Kg	12/02/25 15:57	VY120225
106-46-7	1,4-Dichlorobenzene	2.30	U	1	2.30	7.20	ug/Kg	12/02/25 15:57	VY120225
95-50-1	1,2-Dichlorobenzene	2.10	U	1	2.10	7.20	ug/Kg	12/02/25 15:57	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	U	1	2.70	7.20	ug/Kg	12/02/25 15:57	VY120225
120-82-1	1,2,4-Trichlorobenzene	4.30	U	1	4.30	7.20	ug/Kg	12/02/25 15:57	VY120225
87-61-6	1,2,3-Trichlorobenzene	4.60	U	1	4.60	7.20	ug/Kg	12/02/25 15:57	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.9			63 - 155	118%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	50.7			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5			52 - 138	95%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	670000
540-36-3	1,4-Difluorobenzene	1220000
3114-55-4	Chlorobenzene-d5	1080000
3855-82-1	1,4-Dichlorobenzene-d4	472000

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-1125-22
Lab Sample ID: Q3742-09
Analytical Method: 8260D
Sample Wt/Vol: 5.33 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 72.8
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	6.40	ug/Kg	12/04/25 14:43	VY120425
74-87-3	Chloromethane	1.50	U	1	1.50	6.40	ug/Kg	12/04/25 14:43	VY120425
75-01-4	Vinyl Chloride	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
74-83-9	Bromomethane	1.40	U	1	1.40	6.40	ug/Kg	12/04/25 14:43	VY120425
75-00-3	Chloroethane	1.60	U	1	1.60	6.40	ug/Kg	12/04/25 14:43	VY120425
75-69-4	Trichlorofluoromethane	1.60	U	1	1.60	6.40	ug/Kg	12/04/25 14:43	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1	1.40	6.40	ug/Kg	12/04/25 14:43	VY120425
75-35-4	1,1-Dichloroethene	1.30	U	1	1.30	6.40	ug/Kg	12/04/25 14:43	VY120425
67-64-1	Acetone	23.8	J	1	6.10	32.2	ug/Kg	12/04/25 14:43	VY120425
75-15-0	Carbon Disulfide	1.40	U	1	1.40	6.40	ug/Kg	12/04/25 14:43	VY120425
1634-04-4	Methyl tert-butyl Ether	0.94	U	1	0.94	6.40	ug/Kg	12/04/25 14:43	VY120425
79-20-9	Methyl Acetate	2.00	U	1	2.00	6.40	ug/Kg	12/04/25 14:43	VY120425
75-09-2	Methylene Chloride	4.50	U	1	4.50	12.9	ug/Kg	12/04/25 14:43	VY120425
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.40	ug/Kg	12/04/25 14:43	VY120425
75-34-3	1,1-Dichloroethane	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
110-82-7	Cyclohexane	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
78-93-3	2-Butanone	8.40	U	1	8.40	32.2	ug/Kg	12/04/25 14:43	VY120425
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.40	ug/Kg	12/04/25 14:43	VY120425
156-59-2	cis-1,2-Dichloroethene	0.97	U	1	0.97	6.40	ug/Kg	12/04/25 14:43	VY120425
74-97-5	Bromochloromethane	1.50	U	1	1.50	6.40	ug/Kg	12/04/25 14:43	VY120425
67-66-3	Chloroform	1.10	U	1	1.10	6.40	ug/Kg	12/04/25 14:43	VY120425
71-55-6	1,1,1-Trichloroethane	1.20	U	1	1.20	6.40	ug/Kg	12/04/25 14:43	VY120425
108-87-2	Methylcyclohexane	1.20	U	1	1.20	6.40	ug/Kg	12/04/25 14:43	VY120425
71-43-2	Benzene	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
107-06-2	1,2-Dichloroethane	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
79-01-6	Trichloroethene	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
78-87-5	1,2-Dichloropropane	1.20	U	1	1.20	6.40	ug/Kg	12/04/25 14:43	VY120425
75-27-4	Bromodichloromethane	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
108-10-1	4-Methyl-2-Pentanone	4.60	U	1	4.60	32.2	ug/Kg	12/04/25 14:43	VY120425
108-88-3	Toluene	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
10061-02-6	t-1,3-Dichloropropene	0.84	U	1	0.84	6.40	ug/Kg	12/04/25 14:43	VY120425
10061-01-5	cis-1,3-Dichloropropene	0.80	U	1	0.80	6.40	ug/Kg	12/04/25 14:43	VY120425
79-00-5	1,1,2-Trichloroethane	1.20	U	1	1.20	6.40	ug/Kg	12/04/25 14:43	VY120425
591-78-6	2-Hexanone	4.80	U	1	4.80	32.2	ug/Kg	12/04/25 14:43	VY120425
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.40	ug/Kg	12/04/25 14:43	VY120425
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.40	ug/Kg	12/04/25 14:43	VY120425
127-18-4	Tetrachloroethene	1.40	U	1	1.40	6.40	ug/Kg	12/04/25 14:43	VY120425
108-90-7	Chlorobenzene	1.20	U	1	1.20	6.40	ug/Kg	12/04/25 14:43	VY120425
100-41-4	Ethyl Benzene	0.86	U	1	0.86	6.40	ug/Kg	12/04/25 14:43	VY120425
179601-23-1	m/p-Xylenes	1.60	U	1	1.60	12.9	ug/Kg	12/04/25 14:43	VY120425
95-47-6	o-Xylene	1.10	U	1	1.10	6.40	ug/Kg	12/04/25 14:43	VY120425
100-42-5	Styrene	0.91	U	1	0.91	6.40	ug/Kg	12/04/25 14:43	VY120425
75-25-2	Bromoform	1.10	U	1	1.10	6.40	ug/Kg	12/04/25 14:43	VY120425



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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-22
Lab Sample ID: Q3742-09
Analytical Method: 8260D
Sample Wt/Vol: 5.33 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 72.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	1.00	6.40	ug/Kg	12/04/25 14:43	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1	1.60	6.40	ug/Kg	12/04/25 14:43	VY120425
541-73-1	1,3-Dichlorobenzene	2.20	U	1	2.20	6.40	ug/Kg	12/04/25 14:43	VY120425
106-46-7	1,4-Dichlorobenzene	2.00	U	1	2.00	6.40	ug/Kg	12/04/25 14:43	VY120425
95-50-1	1,2-Dichlorobenzene	1.90	U	1	1.90	6.40	ug/Kg	12/04/25 14:43	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	1	2.40	6.40	ug/Kg	12/04/25 14:43	VY120425
120-82-1	1,2,4-Trichlorobenzene	3.80	U	1	3.80	6.40	ug/Kg	12/04/25 14:43	VY120425
87-61-6	1,2,3-Trichlorobenzene	4.10	U	1	4.10	6.40	ug/Kg	12/04/25 14:43	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	50.1			63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7			70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.2			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7			52 - 138	89%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	804000
540-36-3	1,4-Difluorobenzene	1380000
3114-55-4	Chlorobenzene-d5	1230000
3855-82-1	1,4-Dichlorobenzene-d4	552000

TENTATIVE IDENTIFIED COMPOUNDS

000080-56-8	.alpha.-Pinene	26.3	J			12.3	ug/Kg
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-2
Lab Sample ID: Q3742-10
Analytical Method: 8260D
Sample Wt/Vol: 4.87 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 76.4
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	6.70	ug/Kg	12/04/25 15:29	VY120425
74-87-3	Chloromethane	1.50	U	1	1.50	6.70	ug/Kg	12/04/25 15:29	VY120425
75-01-4	Vinyl Chloride	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
74-83-9	Bromomethane	1.40	U	1	1.40	6.70	ug/Kg	12/04/25 15:29	VY120425
75-00-3	Chloroethane	1.70	U	1	1.70	6.70	ug/Kg	12/04/25 15:29	VY120425
75-69-4	Trichlorofluoromethane	1.60	U	1	1.60	6.70	ug/Kg	12/04/25 15:29	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1	1.40	6.70	ug/Kg	12/04/25 15:29	VY120425
75-35-4	1,1-Dichloroethene	1.30	U	1	1.30	6.70	ug/Kg	12/04/25 15:29	VY120425
67-64-1	Acetone	33.0	J	1	6.40	33.6	ug/Kg	12/04/25 15:29	VY120425
75-15-0	Carbon Disulfide	1.40	U	1	1.40	6.70	ug/Kg	12/04/25 15:29	VY120425
1634-04-4	Methyl tert-butyl Ether	0.98	U	1	0.98	6.70	ug/Kg	12/04/25 15:29	VY120425
79-20-9	Methyl Acetate	2.10	U	1	2.10	6.70	ug/Kg	12/04/25 15:29	VY120425
75-09-2	Methylene Chloride	4.70	U	1	4.70	13.4	ug/Kg	12/04/25 15:29	VY120425
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
75-34-3	1,1-Dichloroethane	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
110-82-7	Cyclohexane	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
78-93-3	2-Butanone	8.80	U	1	8.80	33.6	ug/Kg	12/04/25 15:29	VY120425
56-23-5	Carbon Tetrachloride	1.30	U	1	1.30	6.70	ug/Kg	12/04/25 15:29	VY120425
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	1.00	6.70	ug/Kg	12/04/25 15:29	VY120425
74-97-5	Bromochloromethane	1.50	U	1	1.50	6.70	ug/Kg	12/04/25 15:29	VY120425
67-66-3	Chloroform	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
71-55-6	1,1,1-Trichloroethane	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
108-87-2	Methylcyclohexane	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
71-43-2	Benzene	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
79-01-6	Trichloroethene	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
78-87-5	1,2-Dichloropropane	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
75-27-4	Bromodichloromethane	1.00	U	1	1.00	6.70	ug/Kg	12/04/25 15:29	VY120425
108-10-1	4-Methyl-2-Pentanone	4.80	U	1	4.80	33.6	ug/Kg	12/04/25 15:29	VY120425
108-88-3	Toluene	1.00	U	1	1.00	6.70	ug/Kg	12/04/25 15:29	VY120425
10061-02-6	t-1,3-Dichloropropene	0.87	U	1	0.87	6.70	ug/Kg	12/04/25 15:29	VY120425
10061-01-5	cis-1,3-Dichloropropene	0.83	U	1	0.83	6.70	ug/Kg	12/04/25 15:29	VY120425
79-00-5	1,1,2-Trichloroethane	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
591-78-6	2-Hexanone	5.00	U	1	5.00	33.6	ug/Kg	12/04/25 15:29	VY120425
124-48-1	Dibromochloromethane	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
106-93-4	1,2-Dibromoethane	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
127-18-4	Tetrachloroethene	1.40	U	1	1.40	6.70	ug/Kg	12/04/25 15:29	VY120425
108-90-7	Chlorobenzene	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425
100-41-4	Ethyl Benzene	0.90	U	1	0.90	6.70	ug/Kg	12/04/25 15:29	VY120425
179601-23-1	m/p-Xylenes	1.70	U	1	1.70	13.4	ug/Kg	12/04/25 15:29	VY120425
95-47-6	o-Xylene	1.10	U	1	1.10	6.70	ug/Kg	12/04/25 15:29	VY120425
100-42-5	Styrene	0.95	U	1	0.95	6.70	ug/Kg	12/04/25 15:29	VY120425
75-25-2	Bromoform	1.20	U	1	1.20	6.70	ug/Kg	12/04/25 15:29	VY120425

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Saddler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-2	SDG No.: Q3742	
Lab Sample ID: Q3742-10	Matrix: SOIL	
Analytical Method: 8260D	% Solid: 76.4	
Sample Wt/Vol: 4.87 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	1.00	U	1	1.00	6.70	ug/Kg	12/04/25 15:29	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1	1.60	6.70	ug/Kg	12/04/25 15:29	VY120425
541-73-1	1,3-Dichlorobenzene	2.30	U	1	2.30	6.70	ug/Kg	12/04/25 15:29	VY120425
106-46-7	1,4-Dichlorobenzene	2.10	U	1	2.10	6.70	ug/Kg	12/04/25 15:29	VY120425
95-50-1	1,2-Dichlorobenzene	1.90	U	1	1.90	6.70	ug/Kg	12/04/25 15:29	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	2.50	U	1	2.50	6.70	ug/Kg	12/04/25 15:29	VY120425
120-82-1	1,2,4-Trichlorobenzene	4.00	U	1	4.00	6.70	ug/Kg	12/04/25 15:29	VY120425
87-61-6	1,2,3-Trichlorobenzene	4.30	U	1	4.30	6.70	ug/Kg	12/04/25 15:29	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	46.1			63 - 155	92%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7			70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	45.4			74 - 123	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.1			52 - 138	82%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	805000
540-36-3	1,4-Difluorobenzene	1360000
3114-55-4	Chlorobenzene-d5	1170000
3855-82-1	1,4-Dichlorobenzene-d4	505000

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-1125-1
Lab Sample ID: Q3742-16
Analytical Method: 8260D
Sample Wt/Vol: 4.78 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 73.5
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	7.10	ug/Kg	12/04/25 12:45	VY120425
74-87-3	Chloromethane	1.60	U	1	1.60	7.10	ug/Kg	12/04/25 12:45	VY120425
75-01-4	Vinyl Chloride	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
74-83-9	Bromomethane	1.50	U	1	1.50	7.10	ug/Kg	12/04/25 12:45	VY120425
75-00-3	Chloroethane	1.80	U	1	1.80	7.10	ug/Kg	12/04/25 12:45	VY120425
75-69-4	Trichlorofluoromethane	1.70	U	1	1.70	7.10	ug/Kg	12/04/25 12:45	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1	1.50	7.10	ug/Kg	12/04/25 12:45	VY120425
75-35-4	1,1-Dichloroethene	1.40	U	1	1.40	7.10	ug/Kg	12/04/25 12:45	VY120425
67-64-1	Acetone	22.1	J	1	6.70	35.6	ug/Kg	12/04/25 12:45	VY120425
75-15-0	Carbon Disulfide	1.50	U	1	1.50	7.10	ug/Kg	12/04/25 12:45	VY120425
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	1.00	7.10	ug/Kg	12/04/25 12:45	VY120425
79-20-9	Methyl Acetate	2.20	U	1	2.20	7.10	ug/Kg	12/04/25 12:45	VY120425
75-09-2	Methylene Chloride	5.00	U	1	5.00	14.2	ug/Kg	12/04/25 12:45	VY120425
156-60-5	trans-1,2-Dichloroethene	1.20	U	1	1.20	7.10	ug/Kg	12/04/25 12:45	VY120425
75-34-3	1,1-Dichloroethane	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
110-82-7	Cyclohexane	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
78-93-3	2-Butanone	9.30	U	1	9.30	35.6	ug/Kg	12/04/25 12:45	VY120425
56-23-5	Carbon Tetrachloride	1.40	U	1	1.40	7.10	ug/Kg	12/04/25 12:45	VY120425
156-59-2	cis-1,2-Dichloroethene	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
74-97-5	Bromochloromethane	1.60	U	1	1.60	7.10	ug/Kg	12/04/25 12:45	VY120425
67-66-3	Chloroform	1.20	U	1	1.20	7.10	ug/Kg	12/04/25 12:45	VY120425
71-55-6	1,1,1-Trichloroethane	1.30	U	1	1.30	7.10	ug/Kg	12/04/25 12:45	VY120425
108-87-2	Methylcyclohexane	1.30	U	1	1.30	7.10	ug/Kg	12/04/25 12:45	VY120425
71-43-2	Benzene	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
107-06-2	1,2-Dichloroethane	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
79-01-6	Trichloroethene	1.20	U	1	1.20	7.10	ug/Kg	12/04/25 12:45	VY120425
78-87-5	1,2-Dichloropropane	1.30	U	1	1.30	7.10	ug/Kg	12/04/25 12:45	VY120425
75-27-4	Bromodichloromethane	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
108-10-1	4-Methyl-2-Pentanone	5.10	U	1	5.10	35.6	ug/Kg	12/04/25 12:45	VY120425
108-88-3	Toluene	1.10	U	1	1.10	7.10	ug/Kg	12/04/25 12:45	VY120425
10061-02-6	t-1,3-Dichloropropene	0.93	U	1	0.93	7.10	ug/Kg	12/04/25 12:45	VY120425
10061-01-5	cis-1,3-Dichloropropene	0.88	U	1	0.88	7.10	ug/Kg	12/04/25 12:45	VY120425
79-00-5	1,1,2-Trichloroethane	1.30	U	1	1.30	7.10	ug/Kg	12/04/25 12:45	VY120425
591-78-6	2-Hexanone	5.30	U	1	5.30	35.6	ug/Kg	12/04/25 12:45	VY120425
124-48-1	Dibromochloromethane	1.20	U	1	1.20	7.10	ug/Kg	12/04/25 12:45	VY120425
106-93-4	1,2-Dibromoethane	1.30	U	1	1.30	7.10	ug/Kg	12/04/25 12:45	VY120425
127-18-4	Tetrachloroethene	1.50	U	1	1.50	7.10	ug/Kg	12/04/25 12:45	VY120425
108-90-7	Chlorobenzene	1.30	U	1	1.30	7.10	ug/Kg	12/04/25 12:45	VY120425
100-41-4	Ethyl Benzene	0.95	U	1	0.95	7.10	ug/Kg	12/04/25 12:45	VY120425
179601-23-1	m/p-Xylenes	1.80	U	1	1.80	14.2	ug/Kg	12/04/25 12:45	VY120425
95-47-6	o-Xylene	1.20	U	1	1.20	7.10	ug/Kg	12/04/25 12:45	VY120425
100-42-5	Styrene	1.00	U	1	1.00	7.10	ug/Kg	12/04/25 12:45	VY120425
75-25-2	Bromoform	1.20	U	1	1.20	7.10	ug/Kg	12/04/25 12:45	VY120425

Report of Analysis

Client:	Remington & Vernick	Date Collected:	11/25/25
Project:	Saddler Property	Date Received:	11/26/25
Client Sample ID:	SB-1125-1	SDG No.:	Q3742
Lab Sample ID:	Q3742-16	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	73.5
Sample Wt/Vol:	4.78 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	7.10	ug/Kg	12/04/25 12:45	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	1.70	U	1	1.70	7.10	ug/Kg	12/04/25 12:45	VY120425
541-73-1	1,3-Dichlorobenzene	2.40	U	1	2.40	7.10	ug/Kg	12/04/25 12:45	VY120425
106-46-7	1,4-Dichlorobenzene	2.20	U	1	2.20	7.10	ug/Kg	12/04/25 12:45	VY120425
95-50-1	1,2-Dichlorobenzene	2.10	U	1	2.10	7.10	ug/Kg	12/04/25 12:45	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	2.60	U	1	2.60	7.10	ug/Kg	12/04/25 12:45	VY120425
120-82-1	1,2,4-Trichlorobenzene	4.20	U	1	4.20	7.10	ug/Kg	12/04/25 12:45	VY120425
87-61-6	1,2,3-Trichlorobenzene	4.50	U	1	4.50	7.10	ug/Kg	12/04/25 12:45	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.9			63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5			70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	46.6			74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	758000
540-36-3	1,4-Difluorobenzene	1300000
3114-55-4	Chlorobenzene-d5	1140000
3855-82-1	1,4-Dichlorobenzene-d4	483000

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



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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: SB-1125-25
Lab Sample ID: Q3742-17
Analytical Method: 8260D
Sample Wt/Vol: 4.66 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 63.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.90	U	1	1.90	8.50	ug/Kg	12/04/25 13:09	VY120425
74-87-3	Chloromethane	1.90	U	1	1.90	8.50	ug/Kg	12/04/25 13:09	VY120425
75-01-4	Vinyl Chloride	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
74-83-9	Bromomethane	1.80	U	1	1.80	8.50	ug/Kg	12/04/25 13:09	VY120425
75-00-3	Chloroethane	2.10	U	1	2.10	8.50	ug/Kg	12/04/25 13:09	VY120425
75-69-4	Trichlorofluoromethane	2.10	U	1	2.10	8.50	ug/Kg	12/04/25 13:09	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	1	1.80	8.50	ug/Kg	12/04/25 13:09	VY120425
75-35-4	1,1-Dichloroethene	1.70	U	1	1.70	8.50	ug/Kg	12/04/25 13:09	VY120425
67-64-1	Acetone	59.3		1	8.00	42.4	ug/Kg	12/04/25 13:09	VY120425
75-15-0	Carbon Disulfide	1.80	U	1	1.80	8.50	ug/Kg	12/04/25 13:09	VY120425
1634-04-4	Methyl tert-butyl Ether	1.20	U	1	1.20	8.50	ug/Kg	12/04/25 13:09	VY120425
79-20-9	Methyl Acetate	2.60	U	1	2.60	8.50	ug/Kg	12/04/25 13:09	VY120425
75-09-2	Methylene Chloride	6.00	U	1	6.00	17.0	ug/Kg	12/04/25 13:09	VY120425
156-60-5	trans-1,2-Dichloroethene	1.50	U	1	1.50	8.50	ug/Kg	12/04/25 13:09	VY120425
75-34-3	1,1-Dichloroethane	1.40	U	1	1.40	8.50	ug/Kg	12/04/25 13:09	VY120425
110-82-7	Cyclohexane	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
78-93-3	2-Butanone	11.1	U	1	11.1	42.4	ug/Kg	12/04/25 13:09	VY120425
56-23-5	Carbon Tetrachloride	1.60	U	1	1.60	8.50	ug/Kg	12/04/25 13:09	VY120425
156-59-2	cis-1,2-Dichloroethene	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
74-97-5	Bromochloromethane	1.90	U	1	1.90	8.50	ug/Kg	12/04/25 13:09	VY120425
67-66-3	Chloroform	1.40	U	1	1.40	8.50	ug/Kg	12/04/25 13:09	VY120425
71-55-6	1,1,1-Trichloroethane	1.60	U	1	1.60	8.50	ug/Kg	12/04/25 13:09	VY120425
108-87-2	Methylcyclohexane	1.50	U	1	1.50	8.50	ug/Kg	12/04/25 13:09	VY120425
71-43-2	Benzene	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
107-06-2	1,2-Dichloroethane	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
79-01-6	Trichloroethene	1.40	U	1	1.40	8.50	ug/Kg	12/04/25 13:09	VY120425
78-87-5	1,2-Dichloropropane	1.50	U	1	1.50	8.50	ug/Kg	12/04/25 13:09	VY120425
75-27-4	Bromodichloromethane	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
108-10-1	4-Methyl-2-Pentanone	6.10	U	1	6.10	42.4	ug/Kg	12/04/25 13:09	VY120425
108-88-3	Toluene	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
10061-02-6	t-1,3-Dichloropropene	1.10	U	1	1.10	8.50	ug/Kg	12/04/25 13:09	VY120425
10061-01-5	cis-1,3-Dichloropropene	1.10	U	1	1.10	8.50	ug/Kg	12/04/25 13:09	VY120425
79-00-5	1,1,2-Trichloroethane	1.60	U	1	1.60	8.50	ug/Kg	12/04/25 13:09	VY120425
591-78-6	2-Hexanone	6.30	U	1	6.30	42.4	ug/Kg	12/04/25 13:09	VY120425
124-48-1	Dibromochloromethane	1.50	U	1	1.50	8.50	ug/Kg	12/04/25 13:09	VY120425
106-93-4	1,2-Dibromoethane	1.50	U	1	1.50	8.50	ug/Kg	12/04/25 13:09	VY120425
127-18-4	Tetrachloroethene	1.80	U	1	1.80	8.50	ug/Kg	12/04/25 13:09	VY120425
108-90-7	Chlorobenzene	1.50	U	1	1.50	8.50	ug/Kg	12/04/25 13:09	VY120425
100-41-4	Ethyl Benzene	1.10	U	1	1.10	8.50	ug/Kg	12/04/25 13:09	VY120425
179601-23-1	m/p-Xylenes	2.10	U	1	2.10	17.0	ug/Kg	12/04/25 13:09	VY120425
95-47-6	o-Xylene	1.40	U	1	1.40	8.50	ug/Kg	12/04/25 13:09	VY120425
100-42-5	Styrene	1.20	U	1	1.20	8.50	ug/Kg	12/04/25 13:09	VY120425
75-25-2	Bromoform	1.50	U	1	1.50	8.50	ug/Kg	12/04/25 13:09	VY120425

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Saddler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-25	SDG No.: Q3742	
Lab Sample ID: Q3742-17	Matrix: SOIL	
Analytical Method: 8260D	% Solid: 63.3	
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	1.30	U	1	1.30	8.50	ug/Kg	12/04/25 13:09	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	1	2.10	8.50	ug/Kg	12/04/25 13:09	VY120425
541-73-1	1,3-Dichlorobenzene	2.90	U	1	2.90	8.50	ug/Kg	12/04/25 13:09	VY120425
106-46-7	1,4-Dichlorobenzene	2.60	U	1	2.60	8.50	ug/Kg	12/04/25 13:09	VY120425
95-50-1	1,2-Dichlorobenzene	2.50	U	1	2.50	8.50	ug/Kg	12/04/25 13:09	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	3.10	U	1	3.10	8.50	ug/Kg	12/04/25 13:09	VY120425
120-82-1	1,2,4-Trichlorobenzene	5.00	U	1	5.00	8.50	ug/Kg	12/04/25 13:09	VY120425
87-61-6	1,2,3-Trichlorobenzene	5.40	U	1	5.40	8.50	ug/Kg	12/04/25 13:09	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.5			63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1			70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	46.6			74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.2			52 - 138	86%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	676000
540-36-3	1,4-Difluorobenzene	1170000
3114-55-4	Chlorobenzene-d5	1030000
3855-82-1	1,4-Dichlorobenzene-d4	460000

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-1125-24
Lab Sample ID: Q3742-18
Analytical Method: 8260D
Sample Wt/Vol: 4.82 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3742
Matrix: SOIL
% Solid: 62.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.90	U	1	1.90	8.30	ug/Kg	12/04/25 13:32	VY120425
74-87-3	Chloromethane	1.90	U	1	1.90	8.30	ug/Kg	12/04/25 13:32	VY120425
75-01-4	Vinyl Chloride	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
74-83-9	Bromomethane	1.80	U	1	1.80	8.30	ug/Kg	12/04/25 13:32	VY120425
75-00-3	Chloroethane	2.10	U	1	2.10	8.30	ug/Kg	12/04/25 13:32	VY120425
75-69-4	Trichlorofluoromethane	2.00	U	1	2.00	8.30	ug/Kg	12/04/25 13:32	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	1	1.80	8.30	ug/Kg	12/04/25 13:32	VY120425
75-35-4	1,1-Dichloroethene	1.70	U	1	1.70	8.30	ug/Kg	12/04/25 13:32	VY120425
67-64-1	Acetone	33.2	J	1	7.80	41.3	ug/Kg	12/04/25 13:32	VY120425
75-15-0	Carbon Disulfide	1.80	U	1	1.80	8.30	ug/Kg	12/04/25 13:32	VY120425
1634-04-4	Methyl tert-butyl Ether	1.20	U	1	1.20	8.30	ug/Kg	12/04/25 13:32	VY120425
79-20-9	Methyl Acetate	2.50	U	1	2.50	8.30	ug/Kg	12/04/25 13:32	VY120425
75-09-2	Methylene Chloride	5.80	U	1	5.80	16.5	ug/Kg	12/04/25 13:32	VY120425
156-60-5	trans-1,2-Dichloroethene	1.40	U	1	1.40	8.30	ug/Kg	12/04/25 13:32	VY120425
75-34-3	1,1-Dichloroethane	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
110-82-7	Cyclohexane	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
78-93-3	2-Butanone	10.8	U	1	10.8	41.3	ug/Kg	12/04/25 13:32	VY120425
56-23-5	Carbon Tetrachloride	1.60	U	1	1.60	8.30	ug/Kg	12/04/25 13:32	VY120425
156-59-2	cis-1,2-Dichloroethene	1.20	U	1	1.20	8.30	ug/Kg	12/04/25 13:32	VY120425
74-97-5	Bromochloromethane	1.90	U	1	1.90	8.30	ug/Kg	12/04/25 13:32	VY120425
67-66-3	Chloroform	1.40	U	1	1.40	8.30	ug/Kg	12/04/25 13:32	VY120425
71-55-6	1,1,1-Trichloroethane	1.50	U	1	1.50	8.30	ug/Kg	12/04/25 13:32	VY120425
108-87-2	Methylcyclohexane	1.50	U	1	1.50	8.30	ug/Kg	12/04/25 13:32	VY120425
71-43-2	Benzene	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
107-06-2	1,2-Dichloroethane	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
79-01-6	Trichloroethene	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
78-87-5	1,2-Dichloropropane	1.50	U	1	1.50	8.30	ug/Kg	12/04/25 13:32	VY120425
75-27-4	Bromodichloromethane	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
108-10-1	4-Methyl-2-Pentanone	5.90	U	1	5.90	41.3	ug/Kg	12/04/25 13:32	VY120425
108-88-3	Toluene	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
10061-02-6	t-1,3-Dichloropropene	1.10	U	1	1.10	8.30	ug/Kg	12/04/25 13:32	VY120425
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	1.00	8.30	ug/Kg	12/04/25 13:32	VY120425
79-00-5	1,1,2-Trichloroethane	1.50	U	1	1.50	8.30	ug/Kg	12/04/25 13:32	VY120425
591-78-6	2-Hexanone	6.10	U	1	6.10	41.3	ug/Kg	12/04/25 13:32	VY120425
124-48-1	Dibromochloromethane	1.40	U	1	1.40	8.30	ug/Kg	12/04/25 13:32	VY120425
106-93-4	1,2-Dibromoethane	1.50	U	1	1.50	8.30	ug/Kg	12/04/25 13:32	VY120425
127-18-4	Tetrachloroethene	1.70	U	1	1.70	8.30	ug/Kg	12/04/25 13:32	VY120425
108-90-7	Chlorobenzene	1.50	U	1	1.50	8.30	ug/Kg	12/04/25 13:32	VY120425
100-41-4	Ethyl Benzene	1.10	U	1	1.10	8.30	ug/Kg	12/04/25 13:32	VY120425
179601-23-1	m/p-Xylenes	2.00	U	1	2.00	16.5	ug/Kg	12/04/25 13:32	VY120425
95-47-6	o-Xylene	1.40	U	1	1.40	8.30	ug/Kg	12/04/25 13:32	VY120425
100-42-5	Styrene	1.20	U	1	1.20	8.30	ug/Kg	12/04/25 13:32	VY120425
75-25-2	Bromoform	1.40	U	1	1.40	8.30	ug/Kg	12/04/25 13:32	VY120425

Report of Analysis

Client: Remington & Vernick	Date Collected: 11/25/25	
Project: Saddler Property	Date Received: 11/26/25	
Client Sample ID: SB-1125-24	SDG No.: Q3742	
Lab Sample ID: Q3742-18	Matrix: SOIL	
Analytical Method: 8260D	% Solid: 62.8	
Sample Wt/Vol: 4.82 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	1.30	U	1	1.30	8.30	ug/Kg	12/04/25 13:32	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	2.00	U	1	2.00	8.30	ug/Kg	12/04/25 13:32	VY120425
541-73-1	1,3-Dichlorobenzene	2.80	U	1	2.80	8.30	ug/Kg	12/04/25 13:32	VY120425
106-46-7	1,4-Dichlorobenzene	2.60	U	1	2.60	8.30	ug/Kg	12/04/25 13:32	VY120425
95-50-1	1,2-Dichlorobenzene	2.40	U	1	2.40	8.30	ug/Kg	12/04/25 13:32	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	3.00	U	1	3.00	8.30	ug/Kg	12/04/25 13:32	VY120425
120-82-1	1,2,4-Trichlorobenzene	4.90	U	1	4.90	8.30	ug/Kg	12/04/25 13:32	VY120425
87-61-6	1,2,3-Trichlorobenzene	5.30	U	1	5.30	8.30	ug/Kg	12/04/25 13:32	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.8			63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0			70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	46.3			74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.5			52 - 138	83%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	754000
540-36-3	1,4-Difluorobenzene	1320000
3114-55-4	Chlorobenzene-d5	1140000
3855-82-1	1,4-Dichlorobenzene-d4	498000

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.: **Q3742**

Client: **Remington & Vernick**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3742-01	SB-1125-23	1,2-Dichloroethane-d4	50	61.2	122		63	155
		Dibromofluoromethane	50	54.0	108		70	134
		Toluene-d8	50	50.9	102		74	123
		4-Bromofluorobenzene	50	45.5	91		52	138
Q3742-02	SB-1125-19	1,2-Dichloroethane-d4	50	60.6	121		63	155
		Dibromofluoromethane	50	53.5	107		70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	44.4	89		52	138
Q3742-03	SB-1125-8	1,2-Dichloroethane-d4	50	59.9	120		63	155
		Dibromofluoromethane	50	53.8	108		70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	44.5	89		52	138
Q3742-04	SB-1125-9	1,2-Dichloroethane-d4	50	57.8	116		63	155
		Dibromofluoromethane	50	53.3	107		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	42.8	86		52	138
Q3742-05	SB-1125-21	1,2-Dichloroethane-d4	50	60.5	121		63	155
		Dibromofluoromethane	50	54.5	109		70	134
		Toluene-d8	50	49.8	100		74	123
		4-Bromofluorobenzene	50	39.4	79		52	138
Q3742-06	SB-1125-13	1,2-Dichloroethane-d4	50	58.3	117		63	155
		Dibromofluoromethane	50	52.9	106		70	134
		Toluene-d8	50	50.4	101		74	123
		4-Bromofluorobenzene	50	42.6	85		52	138
Q3742-07	SB-1125-18	1,2-Dichloroethane-d4	50	47.0	94		63	155
		Dibromofluoromethane	50	48.4	97		70	134
		Toluene-d8	50	45.6	91		74	123
		4-Bromofluorobenzene	50	41.8	84		52	138
Q3742-08	SB-1125-20	1,2-Dichloroethane-d4	50	58.9	118		63	155
		Dibromofluoromethane	50	53.3	107		70	134
		Toluene-d8	50	50.7	101		74	123
		4-Bromofluorobenzene	50	47.5	95		52	138
Q3742-09	SB-1125-22	1,2-Dichloroethane-d4	50	50.1	100		63	155
		Dibromofluoromethane	50	48.7	97		70	134
		Toluene-d8	50	47.2	94		74	123
		4-Bromofluorobenzene	50	44.7	89		52	138
Q3742-10	SB-1125-2	1,2-Dichloroethane-d4	50	46.1	92		63	155
		Dibromofluoromethane	50	48.7	97		70	134
		Toluene-d8	50	45.4	91		74	123
		4-Bromofluorobenzene	50	41.1	82		52	138
Q3742-16	SB-1125-1	1,2-Dichloroethane-d4	50	52.0	104		63	155
		Dibromofluoromethane	50	49.5	99		70	134
		Toluene-d8	50	46.6	93		74	123
		4-Bromofluorobenzene	50	41.9	84		52	138
Q3742-17	SB-1125-25	1,2-Dichloroethane-d4	50	53.5	107		63	155
		Dibromofluoromethane	50	50.1	100		70	134
		Toluene-d8	50	46.6	93		74	123
		4-Bromofluorobenzene	50	43.2	86		52	138
Q3742-18	SB-1125-24	1,2-Dichloroethane-d4	50	52.8	106		63	155
		Dibromofluoromethane	50	49.0	98		70	134

Surrogate Summary

SDG No.: Q3742

Client: Remington & Vernick

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3742-18	SB-1125-24	Toluene-d8	50	46.3	93		74	123
		4-Bromofluorobenzene	50	41.5	83		52	138
VY1201SBL01	VY1201SBL01	1,2-Dichloroethane-d4	50	58.3	117		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	49.5	99		74	123
		4-Bromofluorobenzene	50	42.2	84		52	138
VY1201SBS01	VY1201SBS01	1,2-Dichloroethane-d4	50	47.7	95		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.2	98		52	138
VY1201SBSD01	VY1201SBSD01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.0	100		74	123
		4-Bromofluorobenzene	50	48.3	97		52	138
VY1202SBL01	VY1202SBL01	1,2-Dichloroethane-d4	50	62.7	125		63	155
		Dibromofluoromethane	50	54.2	108		70	134
		Toluene-d8	50	50.7	101		74	123
		4-Bromofluorobenzene	50	45.9	92		52	138
VY1202SBS01	VY1202SBS01	1,2-Dichloroethane-d4	50	47.9	96		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	47.9	96		74	123
		4-Bromofluorobenzene	50	47.1	94		52	138
VY1204SBL01	VY1204SBL01	1,2-Dichloroethane-d4	50	57.0	114		63	155
		Dibromofluoromethane	50	49.1	98		70	134
		Toluene-d8	50	46.9	94		74	123
		4-Bromofluorobenzene	50	41.4	83		52	138
VY1204SBS01	VY1204SBS01	1,2-Dichloroethane-d4	50	48.8	98		63	155
		Dibromofluoromethane	50	49.2	98		70	134
		Toluene-d8	50	48.9	98		74	123
		4-Bromofluorobenzene	50	46.3	93		52	138

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3742	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>Q3742</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	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3742	SW-846	Analytical Method:	SW8260D
Client:	Remington & Vernick	Datafile :	VY023832.D	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3742</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VY023832.D</u>

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3742	SW-846	Analytical Method:	SW8260D
Client:	Remington & Vernick	Datafile :	VY023851.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1202SBS01	Dichlorodifluoromethane	20	21.7	ug/Kg	109			64	136	
	Chloromethane	20	18.4	ug/Kg	92			73	129	
	Vinyl chloride	20	19.2	ug/Kg	96			73	133	
	Bromomethane	20	20.3	ug/Kg	102			77	137	
	Chloroethane	20	20.1	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	21.3	ug/Kg	106			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.8	ug/Kg	114			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	130	ug/Kg	130			60	174	
	Carbon disulfide	20	17.4	ug/Kg	87			73	125	
	Methyl tert-butyl Ether	20	20.8	ug/Kg	104			77	129	
	Methyl Acetate	20	19.4	ug/Kg	97			51	140	
	Methylene Chloride	20	19.4	ug/Kg	97			54	158	
	trans-1,2-Dichloroethene	20	19.9	ug/Kg	100			80	123	
	1,1-Dichloroethane	20	21.2	ug/Kg	106			82	123	
	Cyclohexane	20	20.3	ug/Kg	102			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	21.8	ug/Kg	109			76	129	
	cis-1,2-Dichloroethene	20	20.8	ug/Kg	104			82	123	
	Bromochloromethane	20	18.9	ug/Kg	95			80	127	
	Chloroform	20	21.5	ug/Kg	108			82	125	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			80	126	
	Methylcyclohexane	20	20.5	ug/Kg	103			77	123	
	Benzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichloroethane	20	21.8	ug/Kg	109			81	126	
	Trichloroethene	20	21.6	ug/Kg	108			83	122	
	1,2-Dichloropropane	20	21.9	ug/Kg	110			83	122	
	Bromodichloromethane	20	21.9	ug/Kg	110			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	21.6	ug/Kg	108			83	122	
	t-1,3-Dichloropropene	20	20.9	ug/Kg	104			78	124	
	cis-1,3-Dichloropropene	20	21.4	ug/Kg	107			81	122	
	1,1,2-Trichloroethane	20	22.1	ug/Kg	111			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	21.8	ug/Kg	109			79	125	
	1,2-Dibromoethane	20	21.3	ug/Kg	106			80	125	
	Tetrachloroethene	20	22.1	ug/Kg	111			83	125	
	Chlorobenzene	20	21.3	ug/Kg	106			84	122	
	Ethyl Benzene	20	21.4	ug/Kg	107			82	124	
	m/p-Xylenes	40	43.4	ug/Kg	109			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	21.4	ug/Kg	107			82	124	
	Bromoform	20	21.6	ug/Kg	108			75	127	
	Isopropylbenzene	20	21.4	ug/Kg	107			82	124	
	1,1,2,2-Tetrachloroethane	20	21.5	ug/Kg	108			77	127	
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105			83	122	
	1,4-Dichlorobenzene	20	21.1	ug/Kg	106			84	121	
	1,2-Dichlorobenzene	20	21.5	ug/Kg	108			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3742</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VY023851.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1202SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	20	20.1	ug/Kg	101			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3742	SW-846	Analytical Method:	SW8260D
Client:	Remington & Vernick	Datafile :	VY023879.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1204SBS01	Dichlorodifluoromethane	20	19.5	ug/Kg	98			64	136	
	Chloromethane	20	18.6	ug/Kg	93			73	129	
	Vinyl chloride	20	18.7	ug/Kg	94			73	133	
	Bromomethane	20	20.1	ug/Kg	101			77	137	
	Chloroethane	20	19.5	ug/Kg	98			69	130	
	Trichlorofluoromethane	20	19.8	ug/Kg	99			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/Kg	100			81	123	
	1,1-Dichloroethene	20	19.5	ug/Kg	98			79	121	
	Acetone	100	120	ug/Kg	120			60	174	
	Carbon disulfide	20	17.5	ug/Kg	88			73	125	
	Methyl tert-butyl Ether	20	20.4	ug/Kg	102			77	129	
	Methyl Acetate	20	21.1	ug/Kg	106			51	140	
	Methylene Chloride	20	18.5	ug/Kg	93			54	158	
	trans-1,2-Dichloroethene	20	19.4	ug/Kg	97			80	123	
	1,1-Dichloroethane	20	20.0	ug/Kg	100			82	123	
	Cyclohexane	20	18.4	ug/Kg	92			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.2	ug/Kg	101			76	129	
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101			82	123	
	Bromochloromethane	20	19.0	ug/Kg	95			80	127	
	Chloroform	20	20.1	ug/Kg	101			82	125	
	1,1,1-Trichloroethane	20	20.0	ug/Kg	100			80	126	
	Methylcyclohexane	20	18.3	ug/Kg	92			77	123	
	Benzene	20	19.8	ug/Kg	99			84	121	
	1,2-Dichloroethane	20	20.4	ug/Kg	102			81	126	
	Trichloroethene	20	20.4	ug/Kg	102			83	122	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			83	122	
	Bromodichloromethane	20	20.3	ug/Kg	102			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	20.0	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98			78	124	
	cis-1,3-Dichloropropene	20	20.1	ug/Kg	101			81	122	
	1,1,2-Trichloroethane	20	20.3	ug/Kg	102			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	20.3	ug/Kg	102			79	125	
	1,2-Dibromoethane	20	19.8	ug/Kg	99			80	125	
	Tetrachloroethene	20	20.8	ug/Kg	104			83	125	
	Chlorobenzene	20	20.4	ug/Kg	102			84	122	
	Ethyl Benzene	20	19.9	ug/Kg	100			82	124	
	m/p-Xylenes	40	40.4	ug/Kg	101			83	124	
	o-Xylene	20	20.0	ug/Kg	100			83	123	
	Styrene	20	20.0	ug/Kg	100			82	124	
	Bromoform	20	20.7	ug/Kg	104			75	127	
	Isopropylbenzene	20	19.6	ug/Kg	98			82	124	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102			77	127	
	1,3-Dichlorobenzene	20	19.4	ug/Kg	97			83	122	
	1,4-Dichlorobenzene	20	19.9	ug/Kg	100			84	121	
	1,2-Dichlorobenzene	20	19.6	ug/Kg	98			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3742</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Remington & Vernick</u>	Datafile :	<u>VY023879.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1204SBS01	1,2-Dibromo-3-Chloropropane	20	19.8	ug/Kg	99			66	134	
	1,2,4-Trichlorobenzene	20	18.7	ug/Kg	94			78	127	
	1,2,3-Trichlorobenzene	20	18.8	ug/Kg	94			70	137	

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1201SBL01

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3742

Lab File ID: VY023830.D

Lab Sample ID: VY1201SBL01

Date Analyzed: 12/01/2025

Time Analyzed: 09:13

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025
SB-1125-23	Q3742-01	VY023843.D	12/01/2025
SB-1125-19	Q3742-02	VY023844.D	12/01/2025
SB-1125-8	Q3742-03	VY023845.D	12/01/2025
SB-1125-9	Q3742-04	VY023846.D	12/01/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1202SBL01

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3742

Lab File ID: VY023850.D

Lab Sample ID: VY1202SBL01

Date Analyzed: 12/02/2025

Time Analyzed: 10:24

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
VY1202SBS01	VY1202SBS01	VY023851.D	12/02/2025
SB-1125-21	Q3742-05	VY023853.D	12/02/2025
SB-1125-13	Q3742-06	VY023859.D	12/02/2025
SB-1125-20	Q3742-08	VY023861.D	12/02/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1204SBL01

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3742

Lab File ID: VY023878.D

Lab Sample ID: VY1204SBL01

Date Analyzed: 12/04/2025

Time Analyzed: 08:40

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
VY1204SBS01	VY1204SBS01	VY023879.D	12/04/2025
SB-1125-1	Q3742-16	VY023888.D	12/04/2025
SB-1125-25	Q3742-17	VY023889.D	12/04/2025
SB-1125-24	Q3742-18	VY023890.D	12/04/2025
SB-1125-22	Q3742-09	VY023893.D	12/04/2025
SB-1125-18	Q3742-07	VY023894.D	12/04/2025
SB-1125-2	Q3742-10	VY023895.D	12/04/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3742

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.: Q3742

Lab File ID: VY023828.D

BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:24

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

Heated Purge: Y/N Y

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

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023829.D	12/01/2025	07:55
VY1201SBL01	VY1201SBL01	VY023830.D	12/01/2025	09:13
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025	09:37
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025	10:00
SB-1125-23	Q3742-01	VY023843.D	12/01/2025	15:10
SB-1125-19	Q3742-02	VY023844.D	12/01/2025	15:33
SB-1125-8	Q3742-03	VY023845.D	12/01/2025	15:57
SB-1125-9	Q3742-04	VY023846.D	12/01/2025	16:20

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3742

Lab File ID: VY023848.D

BFB Injection Date: 12/02/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 06:50

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	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	1 (1.1) 1
174	50.0 - 100.0% of mass 95	89.4
175	5.0 - 9.0% of mass 174	6.9 (7.7) 1
176	95.0 - 101.0% of mass 174	85.2 (95.2) 1
177	5.0 - 9.0% of mass 176	5.7 (6.7) 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	VY023849.D	12/02/2025	09:14
VY1202SBL01	VY1202SBL01	VY023850.D	12/02/2025	10:24
VY1202SBS01	VY1202SBS01	VY023851.D	12/02/2025	10:53
SB-1125-21	Q3742-05	VY023853.D	12/02/2025	12:08
SB-1125-13	Q3742-06	VY023859.D	12/02/2025	14:29
SB-1125-20	Q3742-08	VY023861.D	12/02/2025	15:57

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG NO.: Q3742

Lab File ID: VY023864.D

BFB Injection Date: 12/03/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:40

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	19.2
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	7.1
173	Less than 2.0% of mass 174	1.2 (1.3) 1
174	50.0 - 100.0% of mass 95	92
175	5.0 - 9.0% of mass 174	6.9 (7.5) 1
176	95.0 - 101.0% of mass 174	87.9 (95.6) 1
177	5.0 - 9.0% of mass 176	6 (6.8) 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
VSTDIC010	VSTDIC010	VY023868.D	12/03/2025	14:05
VSTDIC020	VSTDIC020	VY023869.D	12/03/2025	14:27
VSTDIC050	VSTDIC050	VY023870.D	12/03/2025	14:50
VSTDIC100	VSTDIC100	VY023871.D	12/03/2025	15:12
VSTDIC150	VSTDIC150	VY023872.D	12/03/2025	15:35
VSTDIC005	VSTDIC005	VY023874.D	12/03/2025	16:23

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VY023876.D
Instrument ID: MSVOA_Y
GC Column: RXI-624 ID: 0.25 (mm)

Contract: REMI01
SDG NO.: Q3742
BFB Injection Date: 12/04/2025
BFB Injection Time: 07:00
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.6
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	1 (1.1) 1
174	50.0 - 100.0% of mass 95	88.6
175	5.0 - 9.0% of mass 174	6.5 (7.3) 1
176	95.0 - 101.0% of mass 174	85.8 (96.9) 1
177	5.0 - 9.0% of mass 176	5.9 (6.8) 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	VY023877.D	12/04/2025	07:31
VY1204SBL01	VY1204SBL01	VY023878.D	12/04/2025	08:40
VY1204SBS01	VY1204SBS01	VY023879.D	12/04/2025	09:04
SB-1125-1	Q3742-16	VY023888.D	12/04/2025	12:45
SB-1125-25	Q3742-17	VY023889.D	12/04/2025	13:09
SB-1125-24	Q3742-18	VY023890.D	12/04/2025	13:32
SB-1125-22	Q3742-09	VY023893.D	12/04/2025	14:43
SB-1125-18	Q3742-07	VY023894.D	12/04/2025	15:06
SB-1125-2	Q3742-10	VY023895.D	12/04/2025	15:29

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
Lab Code: ACE SDG NO.: Q3742
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-1125-23	656114	7.71	1207708	8.62	1048441	11.41
SB-1125-19	639201	7.71	1174775	8.62	1006083	11.41
SB-1125-8	608834	7.71	1113703	8.62	955695	11.41
SB-1125-9	620754	7.71	1130173	8.62	961054	11.41
VY1201SBL01	719047	7.71	1221329	8.62	995220	11.42
VY1201SBS01	535284	7.71	821167	8.62	693280	11.42
VY1201SBSD01	526036	7.71	818117	8.62	695554	11.42

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
 Lab Code: ACE SDG NO.: Q3742
 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-1125-23	433339	13.35				
SB-1125-19	405217	13.35				
SB-1125-8	376385	13.35				
SB-1125-9	366679	13.35				
VY1201SBL01	399677	13.35				
VY1201SBS01	360194	13.35				
VY1201SBSD01	353062	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
Lab Code: ACE SDG NO.: Q3742
Lab File ID: VY023849.D Date Analyzed: 12/02/2025
Instrument ID: MSVOA_Y Time Analyzed: 09:14
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	504446	7.72	785836	8.62	674684	11.42
UPPER LIMIT	1008890	8.22	1571670	9.122	1349370	11.92
LOWER LIMIT	252223	7.22	392918	8.122	337342	10.92
EPA SAMPLE NO.						
SB-1125-21	665144	7.72	1217438	8.62	982717	11.42
SB-1125-13	636410	7.71	1167519	8.62	987282	11.42
SB-1125-20	669833	7.71	1222438	8.62	1079191	11.42
VY1202SBL01	690111	7.71	1278486	8.62	1125521	11.42
VY1202SBS01	491473	7.71	764018	8.62	662350	11.42

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3742</u>
Lab File ID:	<u>VY023849.D</u>	Date Analyzed:	<u>12/02/2025</u>
Instrument ID:	<u>MSVOA_Y</u>	Time Analyzed:	<u>09:14</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	345634	13.353				
UPPER LIMIT	691268	13.853				
LOWER LIMIT	172817	12.853				
EPA SAMPLE NO.						
SB-1125-21	346373	13.35				
SB-1125-13	379120	13.35				
SB-1125-20	471581	13.35				
VY1202SBL01	454228	13.35				
VY1202SBS01	339534	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI01
Lab Code: ACE SDG NO.: Q3742
Lab File ID: VY023877.D Date Analyzed: 12/04/2025
Instrument ID: MSVOA_Y Time Analyzed: 07:31
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	520627	7.72	774985	8.62	669312	11.42
UPPER LIMIT	1041250	8.219	1549970	9.122	1338620	11.92
LOWER LIMIT	260314	7.219	387493	8.122	334656	10.92
EPA SAMPLE NO.						
SB-1125-18	781859	7.71	1291434	8.62	1105691	11.42
SB-1125-22	803856	7.71	1376820	8.62	1230434	11.42
SB-1125-2	804667	7.71	1357896	8.62	1169651	11.41
SB-1125-1	757757	7.71	1302856	8.62	1139174	11.42
SB-1125-25	676192	7.71	1168984	8.62	1032423	11.42
SB-1125-24	754176	7.71	1322794	8.62	1144208	11.42
VY1204SBL01	753303	7.71	1347495	8.62	1163906	11.42
VY1204SBS01	494998	7.71	762810	8.62	650156	11.42

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3742</u>
Lab File ID:	<u>VY023877.D</u>	Date Analyzed:	<u>12/04/2025</u>
Instrument ID:	<u>MSVOA_Y</u>	Time Analyzed:	<u>07:31</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	343252	13.353				
UPPER LIMIT	686504	13.853				
LOWER LIMIT	171626	12.853				
EPA SAMPLE NO.						
SB-1125-18	482687	13.35				
SB-1125-22	551526	13.35				
SB-1125-2	504866	13.35				
SB-1125-1	483490	13.35				
SB-1125-25	459524	13.35				
SB-1125-24	497891	13.35				
VY1204SBL01	486950	13.35				
VY1204SBS01	339898	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: 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.: Q3742
 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.: Q3742
 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: VY1202SBL01
 Lab Sample ID: VY1202SBL01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3742
 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	12/02/25 10:24	VY120225
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/02/25 10:24	VY120225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/02/25 10:24	VY120225
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/02/25 10:24	VY120225
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/02/25 10:24	VY120225
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/02/25 10:24	VY120225
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/02/25 10:24	VY120225
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/02/25 10:24	VY120225
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/02/25 10:24	VY120225
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/02/25 10:24	VY120225
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/02/25 10:24	VY120225
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/02/25 10:24	VY120225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/02/25 10:24	VY120225
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/02/25 10:24	VY120225
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/02/25 10:24	VY120225
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/02/25 10:24	VY120225
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/02/25 10:24	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/02/25 10:24	VY120225
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/02/25 10:24	VY120225
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/02/25 10:24	VY120225
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/02/25 10:24	VY120225
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/02/25 10:24	VY120225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/02/25 10:24	VY120225
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/02/25 10:24	VY120225
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/02/25 10:24	VY120225
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/02/25 10:24	VY120225
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/02/25 10:24	VY120225

Report of Analysis

Client: Remington & Vernick	Date Collected:	
Project: Saddler Property	Date Received:	
Client Sample ID: VY1202SBL01	SDG No.: Q3742	
Lab Sample ID: VY1202SBL01	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	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/02/25 10:24	VY120225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/02/25 10:24	VY120225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/02/25 10:24	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/02/25 10:24	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/02/25 10:24	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/02/25 10:24	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	62.7			63 - 155	125%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2			70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	50.7			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9			52 - 138	92%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	690000
540-36-3	1,4-Difluorobenzene	1280000
3114-55-4	Chlorobenzene-d5	1130000
3855-82-1	1,4-Dichlorobenzene-d4	454000

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: VY1204SBL01
Lab Sample ID: VY1204SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3742
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	12/04/25 08:40	VY120425
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/04/25 08:40	VY120425
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/04/25 08:40	VY120425
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/04/25 08:40	VY120425
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/04/25 08:40	VY120425
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/04/25 08:40	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/04/25 08:40	VY120425
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/04/25 08:40	VY120425
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/04/25 08:40	VY120425
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/04/25 08:40	VY120425
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/04/25 08:40	VY120425
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/04/25 08:40	VY120425
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/04/25 08:40	VY120425
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/04/25 08:40	VY120425
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/04/25 08:40	VY120425
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/04/25 08:40	VY120425
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/04/25 08:40	VY120425
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/04/25 08:40	VY120425
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/04/25 08:40	VY120425
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/04/25 08:40	VY120425
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/04/25 08:40	VY120425
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/04/25 08:40	VY120425
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/04/25 08:40	VY120425
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/04/25 08:40	VY120425
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/04/25 08:40	VY120425
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/04/25 08:40	VY120425
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/04/25 08:40	VY120425
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/04/25 08:40	VY120425
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/04/25 08:40	VY120425
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/04/25 08:40	VY120425
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/04/25 08:40	VY120425
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/04/25 08:40	VY120425
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/04/25 08:40	VY120425
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/04/25 08:40	VY120425
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/04/25 08:40	VY120425
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/04/25 08:40	VY120425
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/04/25 08:40	VY120425
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/04/25 08:40	VY120425
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/04/25 08:40	VY120425
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/04/25 08:40	VY120425
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/04/25 08:40	VY120425
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/04/25 08:40	VY120425
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/04/25 08:40	VY120425

Report of Analysis

Client: Remington & Vernick
 Project: Saddler Property
 Client Sample ID: VY1204SBL01
 Lab Sample ID: VY1204SBL01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3742
 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	12/04/25 08:40	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/04/25 08:40	VY120425
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/04/25 08:40	VY120425
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/04/25 08:40	VY120425
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/04/25 08:40	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/04/25 08:40	VY120425
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/04/25 08:40	VY120425
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/04/25 08:40	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.0			63 - 155	114%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1			70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	46.9			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.4			52 - 138	83%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	753000
540-36-3	1,4-Difluorobenzene	1350000
3114-55-4	Chlorobenzene-d5	1160000
3855-82-1	1,4-Dichlorobenzene-d4	487000

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.: Q3742
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.:	Q3742
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

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: VY1202SBS01
 Lab Sample ID: VY1202SBS01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3742
 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	21.7		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
74-87-3	Chloromethane	18.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-01-4	Vinyl Chloride	19.2		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
74-83-9	Bromomethane	20.3		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-00-3	Chloroethane	20.1		1	1.30	5.00	ug/Kg	12/02/25 10:53	VY120225
75-69-4	Trichlorofluoromethane	21.3		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	22.8		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-35-4	1,1-Dichloroethene	20.5		1	1.00	5.00	ug/Kg	12/02/25 10:53	VY120225
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	12/02/25 10:53	VY120225
75-15-0	Carbon Disulfide	17.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	12/02/25 10:53	VY120225
79-20-9	Methyl Acetate	19.4		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
75-09-2	Methylene Chloride	19.4		1	3.50	10.0	ug/Kg	12/02/25 10:53	VY120225
156-60-5	trans-1,2-Dichloroethene	19.9		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225
75-34-3	1,1-Dichloroethane	21.2		1	0.80	5.00	ug/Kg	12/02/25 10:53	VY120225
110-82-7	Cyclohexane	20.3		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	12/02/25 10:53	VY120225
56-23-5	Carbon Tetrachloride	21.8		1	0.97	5.00	ug/Kg	12/02/25 10:53	VY120225
156-59-2	cis-1,2-Dichloroethene	20.8		1	0.75	5.00	ug/Kg	12/02/25 10:53	VY120225
74-97-5	Bromochloromethane	18.9		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
67-66-3	Chloroform	21.5		1	0.84	5.00	ug/Kg	12/02/25 10:53	VY120225
71-55-6	1,1,1-Trichloroethane	21.5		1	0.93	5.00	ug/Kg	12/02/25 10:53	VY120225
108-87-2	Methylcyclohexane	20.5		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
71-43-2	Benzene	21.6		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
107-06-2	1,2-Dichloroethane	21.8		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
79-01-6	Trichloroethene	21.6		1	0.81	5.00	ug/Kg	12/02/25 10:53	VY120225
78-87-5	1,2-Dichloropropane	21.9		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
75-27-4	Bromodichloromethane	21.9		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/02/25 10:53	VY120225
108-88-3	Toluene	21.6		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-02-6	t-1,3-Dichloropropene	20.9		1	0.65	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-01-5	cis-1,3-Dichloropropene	21.4		1	0.62	5.00	ug/Kg	12/02/25 10:53	VY120225
79-00-5	1,1,2-Trichloroethane	22.1		1	0.92	5.00	ug/Kg	12/02/25 10:53	VY120225
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	12/02/25 10:53	VY120225
124-48-1	Dibromochloromethane	21.8		1	0.87	5.00	ug/Kg	12/02/25 10:53	VY120225
106-93-4	1,2-Dibromoethane	21.3		1	0.88	5.00	ug/Kg	12/02/25 10:53	VY120225
127-18-4	Tetrachloroethene	22.1		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
108-90-7	Chlorobenzene	21.3		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
100-41-4	Ethyl Benzene	21.4		1	0.67	5.00	ug/Kg	12/02/25 10:53	VY120225
179601-23-1	m/p-Xylenes	43.4		1	1.20	10.0	ug/Kg	12/02/25 10:53	VY120225
95-47-6	o-Xylene	21.2		1	0.82	5.00	ug/Kg	12/02/25 10:53	VY120225
100-42-5	Styrene	21.4		1	0.71	5.00	ug/Kg	12/02/25 10:53	VY120225
75-25-2	Bromoform	21.6		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225

Report of Analysis

Client: Remington & Vernick	Date Collected:	
Project: Saddler Property	Date Received:	
Client Sample ID: VY1202SBS01	SDG No.:	Q3742
Lab Sample ID: VY1202SBS01	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	21.4		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
541-73-1	1,3-Dichlorobenzene	21.0		1	1.70	5.00	ug/Kg	12/02/25 10:53	VY120225
106-46-7	1,4-Dichlorobenzene	21.1		1	1.60	5.00	ug/Kg	12/02/25 10:53	VY120225
95-50-1	1,2-Dichlorobenzene	21.5		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1	1.80	5.00	ug/Kg	12/02/25 10:53	VY120225
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	5.00	ug/Kg	12/02/25 10:53	VY120225
87-61-6	1,2,3-Trichlorobenzene	20.1		1	3.20	5.00	ug/Kg	12/02/25 10:53	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	47.9			63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6			70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.9			74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1			52 - 138	94%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	491000
540-36-3	1,4-Difluorobenzene	764000
3114-55-4	Chlorobenzene-d5	662000
3855-82-1	1,4-Dichlorobenzene-d4	340000

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: VY1204SBS01
Lab Sample ID: VY1204SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3742
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	19.5		1	1.10	5.00	ug/Kg	12/04/25 09:04	VY120425
74-87-3	Chloromethane	18.6		1	1.10	5.00	ug/Kg	12/04/25 09:04	VY120425
75-01-4	Vinyl Chloride	18.7		1	0.79	5.00	ug/Kg	12/04/25 09:04	VY120425
74-83-9	Bromomethane	20.1		1	1.10	5.00	ug/Kg	12/04/25 09:04	VY120425
75-00-3	Chloroethane	19.5		1	1.30	5.00	ug/Kg	12/04/25 09:04	VY120425
75-69-4	Trichlorofluoromethane	19.8		1	1.20	5.00	ug/Kg	12/04/25 09:04	VY120425
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	1.10	5.00	ug/Kg	12/04/25 09:04	VY120425
75-35-4	1,1-Dichloroethene	19.5		1	1.00	5.00	ug/Kg	12/04/25 09:04	VY120425
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	12/04/25 09:04	VY120425
75-15-0	Carbon Disulfide	17.5		1	1.10	5.00	ug/Kg	12/04/25 09:04	VY120425
1634-04-4	Methyl tert-butyl Ether	20.4		1	0.73	5.00	ug/Kg	12/04/25 09:04	VY120425
79-20-9	Methyl Acetate	21.1		1	1.50	5.00	ug/Kg	12/04/25 09:04	VY120425
75-09-2	Methylene Chloride	18.5		1	3.50	10.0	ug/Kg	12/04/25 09:04	VY120425
156-60-5	trans-1,2-Dichloroethene	19.4		1	0.86	5.00	ug/Kg	12/04/25 09:04	VY120425
75-34-3	1,1-Dichloroethane	20.0		1	0.80	5.00	ug/Kg	12/04/25 09:04	VY120425
110-82-7	Cyclohexane	18.4		1	0.79	5.00	ug/Kg	12/04/25 09:04	VY120425
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	12/04/25 09:04	VY120425
56-23-5	Carbon Tetrachloride	20.2		1	0.97	5.00	ug/Kg	12/04/25 09:04	VY120425
156-59-2	cis-1,2-Dichloroethene	20.2		1	0.75	5.00	ug/Kg	12/04/25 09:04	VY120425
74-97-5	Bromochloromethane	19.0		1	1.20	5.00	ug/Kg	12/04/25 09:04	VY120425
67-66-3	Chloroform	20.1		1	0.84	5.00	ug/Kg	12/04/25 09:04	VY120425
71-55-6	1,1,1-Trichloroethane	20.0		1	0.93	5.00	ug/Kg	12/04/25 09:04	VY120425
108-87-2	Methylcyclohexane	18.3		1	0.91	5.00	ug/Kg	12/04/25 09:04	VY120425
71-43-2	Benzene	19.8		1	0.79	5.00	ug/Kg	12/04/25 09:04	VY120425
107-06-2	1,2-Dichloroethane	20.4		1	0.79	5.00	ug/Kg	12/04/25 09:04	VY120425
79-01-6	Trichloroethene	20.4		1	0.81	5.00	ug/Kg	12/04/25 09:04	VY120425
78-87-5	1,2-Dichloropropane	20.5		1	0.91	5.00	ug/Kg	12/04/25 09:04	VY120425
75-27-4	Bromodichloromethane	20.3		1	0.78	5.00	ug/Kg	12/04/25 09:04	VY120425
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	12/04/25 09:04	VY120425
108-88-3	Toluene	20.0		1	0.78	5.00	ug/Kg	12/04/25 09:04	VY120425
10061-02-6	t-1,3-Dichloropropene	19.5		1	0.65	5.00	ug/Kg	12/04/25 09:04	VY120425
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.62	5.00	ug/Kg	12/04/25 09:04	VY120425
79-00-5	1,1,2-Trichloroethane	20.3		1	0.92	5.00	ug/Kg	12/04/25 09:04	VY120425
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	12/04/25 09:04	VY120425
124-48-1	Dibromochloromethane	20.3		1	0.87	5.00	ug/Kg	12/04/25 09:04	VY120425
106-93-4	1,2-Dibromoethane	19.8		1	0.88	5.00	ug/Kg	12/04/25 09:04	VY120425
127-18-4	Tetrachloroethene	20.8		1	1.10	5.00	ug/Kg	12/04/25 09:04	VY120425
108-90-7	Chlorobenzene	20.4		1	0.91	5.00	ug/Kg	12/04/25 09:04	VY120425
100-41-4	Ethyl Benzene	19.9		1	0.67	5.00	ug/Kg	12/04/25 09:04	VY120425
179601-23-1	m/p-Xylenes	40.4		1	1.20	10.0	ug/Kg	12/04/25 09:04	VY120425
95-47-6	o-Xylene	20.0		1	0.82	5.00	ug/Kg	12/04/25 09:04	VY120425
100-42-5	Styrene	20.0		1	0.71	5.00	ug/Kg	12/04/25 09:04	VY120425
75-25-2	Bromoform	20.7		1	0.86	5.00	ug/Kg	12/04/25 09:04	VY120425



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

Report of Analysis

Client:	Remington & Vernick	Date Collected:	
Project:	Saddler Property	Date Received:	
Client Sample ID:	VY1204SBS01	SDG No.:	Q3742
Lab Sample ID:	VY1204SBS01	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	19.6		1	0.78	5.00	ug/Kg	12/04/25 09:04	VY120425
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1	1.20	5.00	ug/Kg	12/04/25 09:04	VY120425
541-73-1	1,3-Dichlorobenzene	19.4		1	1.70	5.00	ug/Kg	12/04/25 09:04	VY120425
106-46-7	1,4-Dichlorobenzene	19.9		1	1.60	5.00	ug/Kg	12/04/25 09:04	VY120425
95-50-1	1,2-Dichlorobenzene	19.6		1	1.50	5.00	ug/Kg	12/04/25 09:04	VY120425
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		1	1.80	5.00	ug/Kg	12/04/25 09:04	VY120425
120-82-1	1,2,4-Trichlorobenzene	18.7		1	3.00	5.00	ug/Kg	12/04/25 09:04	VY120425
87-61-6	1,2,3-Trichlorobenzene	18.8		1	3.20	5.00	ug/Kg	12/04/25 09:04	VY120425

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.8			63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2			70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	48.9			74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.3			52 - 138	93%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	495000
540-36-3	1,4-Difluorobenzene	763000
3114-55-4	Chlorobenzene-d5	650000
3855-82-1	1,4-Dichlorobenzene-d4	340000

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: VY1201SBSD01
Lab Sample ID: VY1201SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3742
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

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

Report of Analysis

Client: Remington & Vernick
 Project: Saddler Property
 Client Sample ID: VY1201SBSD01
 Lab Sample ID: VY1201SBSD01
 Analytical Method: 8260D
 Sample Wt/Vol: 5 g

Level: LOW
 Final Vol: 5000 uL

Date Collected:
 Date Received:
 SDG No.: Q3742
 Matrix: SOIL
 % Solid: 100
 Test: VOC-TCLVOA-10

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

SURROGATES

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

INTERNAL STANDARDS

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3742</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>Q3742</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 ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>REMI01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3742</u>
Instrument ID: <u>MSVOA_Y</u>	Calibration Date(s): <u>12/03/2025</u> <u>12/03/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>14:05</u> <u>16:23</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF010 = VY023868.D		RRF020 = VY023869.D		RRF050 = VY023870.D		
		RRF100 = VY023871.D		RRF150 = VY023872.D		RRF005 = VY023874.D		
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD
Dichlorodifluoromethane	0.414	0.329	0.422	0.349	0.375	0.380	0.378	9.5
Chloromethane	0.543	0.452	0.599	0.505	0.554	0.583	0.539	10
Vinyl Chloride	0.624	0.525	0.705	0.595	0.648	0.595	0.615	9.8
Bromomethane	0.462	0.381	0.453	0.392	0.454	0.524	0.444	11.7
Chloroethane	0.433	0.353	0.460	0.387	0.428	0.442	0.417	9.5
Trichlorofluoromethane	0.914	0.736	0.949	0.808	0.875	0.880	0.860	8.9
1,1,2-Trichlorotrifluoroethane	0.566	0.445	0.558	0.472	0.512	0.539	0.516	9.4
1,1-Dichloroethene	0.496	0.416	0.539	0.465	0.515	0.461	0.482	9.1
Acetone	0.169	0.142	0.153	0.140	0.140	0.154	0.150	7.6
Carbon Disulfide	1.329	1.096	1.739	1.483	1.614	1.278	1.423	16.5
Methyl tert-butyl Ether	1.187	1.028	1.343	1.238	1.342	1.122	1.210	10.3
Methyl Acetate	0.254	0.203	0.276	0.274	0.271	0.246	0.254	10.8
Methylene Chloride	0.647	0.491	0.581	0.495	0.538	0.906	0.610	25.6
trans-1,2-Dichloroethene	0.536	0.444	0.598	0.516	0.569	0.527	0.531	9.9
1,1-Dichloroethane	1.011	0.859	1.066	0.931	1.022	0.990	0.980	7.5
Cyclohexane	0.957	0.762	1.052	0.902	0.982	0.967	0.937	10.5
2-Butanone	0.198	0.159	0.187	0.178	0.180	0.181	0.181	7.1
Carbon Tetrachloride	0.547	0.455	0.577	0.497	0.547	0.508	0.522	8.4
cis-1,2-Dichloroethene	0.618	0.531	0.677	0.596	0.665	0.616	0.617	8.5
Bromochloromethane	0.363	0.354	0.441	0.349	0.358	0.381	0.374	9.2
Chloroform	1.039	0.878	1.061	0.921	1.017	1.024	0.990	7.3
1,1,1-Trichloroethane	0.941	0.776	0.968	0.836	0.923	0.918	0.894	8.1
Methylcyclohexane	0.598	0.492	0.735	0.637	0.704	0.526	0.616	15.6
Benzene	1.459	1.234	1.606	1.376	1.517	1.383	1.429	9
1,2-Dichloroethane	0.388	0.329	0.410	0.363	0.391	0.357	0.373	7.8
Trichloroethene	0.375	0.315	0.411	0.354	0.391	0.361	0.368	9
1,2-Dichloropropane	0.351	0.295	0.373	0.329	0.358	0.324	0.338	8.3
Bromodichloromethane	0.509	0.423	0.530	0.462	0.509	0.467	0.483	8.2
4-Methyl-2-Pentanone	0.208	0.184	0.248	0.233	0.243	0.173	0.215	14.6
Toluene	0.913	0.765	1.019	0.887	0.981	0.805	0.895	10.9

* 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>Q3742</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date(s):	<u>12/03/2025</u> <u>12/03/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>14:05</u> <u>16:23</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:		RRF010 = VY023868.D		RRF020 = VY023869.D		RRF050 = VY023870.D		
		RRF100 = VY023871.D		RRF150 = VY023872.D		RRF005 = VY023874.D		
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD
t-1,3-Dichloropropene	0.421	0.376	0.493	0.449	0.494	0.384	0.436	11.8
cis-1,3-Dichloropropene	0.504	0.440	0.580	0.518	0.579	0.461	0.514	11.3
1,1,2-Trichloroethane	0.253	0.214	0.272	0.244	0.264	0.237	0.247	8.3
2-Hexanone	0.164	0.145	0.183	0.174	0.179	0.127	0.162	13.6
Dibromochloromethane	0.337	0.287	0.365	0.326	0.358	0.317	0.332	8.6
1,2-Dibromoethane	0.228	0.193	0.253	0.228	0.248	0.202	0.225	10.6
Tetrachloroethene	0.528	0.438	0.545	0.455	0.488	0.481	0.489	8.4
Chlorobenzene	1.175	1.014	1.248	1.086	1.207	1.117	1.141	7.5
Ethyl Benzene	1.951	1.716	2.254	1.959	2.153	1.804	1.973	10.3
m/p-Xylenes	0.743	0.666	0.865	0.750	0.833	0.669	0.754	10.9
o-Xylene	0.680	0.618	0.814	0.711	0.797	0.613	0.705	12.2
Styrene	1.115	1.014	1.335	1.185	1.318	1.009	1.163	12.3
Bromoform	0.221	0.188	0.240	0.225	0.242	0.203	0.220	9.6
Isopropylbenzene	3.703	3.251	4.124	3.631	4.096	3.298	3.684	10.2
1,1,2,2-Tetrachloroethane	0.622	0.514	0.629	0.600	0.652	0.548	0.594	8.9
1,3-Dichlorobenzene	1.780	1.518	1.839	1.617	1.807	1.781	1.724	7.4
1,4-Dichlorobenzene	1.744	1.489	1.803	1.572	1.750	1.784	1.690	7.6
1,2-Dichlorobenzene	1.528	1.334	1.609	1.416	1.574	1.534	1.499	6.9
1,2-Dibromo-3-Chloropropane	0.095	0.081	0.098	0.099	0.102	0.086	0.093	8.9
1,2,4-Trichlorobenzene	0.846	0.749	0.953	0.883	1.004	0.899	0.889	9.9
1,2,3-Trichlorobenzene	0.703	0.645	0.818	0.766	0.849	0.769	0.759	9.8
1,2-Dichloroethane-d4	0.491	0.534	0.486	0.551	0.495	0.445	0.500	7.5
Dibromofluoromethane	0.319	0.349	0.314	0.353	0.323	0.265	0.321	9.9
Toluene-d8	1.211	1.354	1.228	1.376	1.256	1.064	1.248	9
4-Bromofluorobenzene	0.409	0.434	0.409	0.470	0.432	0.401	0.426	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 CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3742</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>Q3742</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.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3742</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/02/2025 09:14</u>
Lab File ID:	<u>VY023849.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	0.394		4.51	20
Chloromethane	0.576	0.577	0.1	0.17	20
Vinyl Chloride	0.624	0.668		7.05	20
Bromomethane	0.440	0.438		-0.46	20
Chloroethane	0.406	0.428		5.42	20
Trichlorofluoromethane	0.843	0.887		5.22	20
1,1,2-Trichlorotrifluoroethane	0.492	0.518		5.28	20
1,1-Dichloroethene	0.484	0.518		7.03	20
Acetone	0.140	0.184		31.43	20
Carbon Disulfide	1.562	1.710		9.48	20
Methyl tert-butyl Ether	1.237	1.274		2.99	20
Methyl Acetate	0.271	0.262		-3.32	20
Methylene Chloride	0.593	0.551		-7.08	20
trans-1,2-Dichloroethene	0.536	0.581		8.4	20
1,1-Dichloroethane	0.976	1.037	0.1	6.25	20
Cyclohexane	0.936	0.999		6.73	20
2-Butanone	0.171	0.201		17.54	20
Carbon Tetrachloride	0.498	0.544		9.24	20
cis-1,2-Dichloroethene	0.622	0.654		5.14	20
Bromochloromethane	0.406	0.406		0	20
Chloroform	0.981	1.035		5.51	20
1,1,1-Trichloroethane	0.871	0.928		6.54	20
Methylcyclohexane	0.600	0.659		9.83	20
Benzene	1.398	1.520		8.73	20
1,2-Dichloroethane	0.360	0.381		5.83	20
Trichloroethene	0.359	0.385		7.24	20
1,2-Dichloropropane	0.330	0.357		8.18	20
Bromodichloromethane	0.467	0.493		5.57	20
4-Methyl-2-Pentanone	0.210	0.226		7.62	20
Toluene	0.866	0.960		10.85	20
t-1,3-Dichloropropene	0.428	0.458		7.01	20
cis-1,3-Dichloropropene	0.512	0.547		6.84	20
1,1,2-Trichloroethane	0.240	0.251		4.58	20
2-Hexanone	0.155	0.185		19.35	20
Dibromochloromethane	0.321	0.336		4.67	20
1,2-Dibromoethane	0.222	0.234		5.41	20
Tetrachloroethene	0.474	0.519		9.49	20
Chlorobenzene	1.098	1.184	0.3	7.83	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>Q3742</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/02/2025</u> <u>09:14</u>
Lab File ID:	<u>VY023849.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	2.111		12.59	20
m/p-Xylenes	0.722	0.812		12.47	20
o-Xylene	0.677	0.758		11.97	20
Styrene	1.116	1.255		12.45	20
Bromoform	0.217	0.229	0.1	5.53	20
Isopropylbenzene	3.549	3.929		10.71	20
1,1,2,2-Tetrachloroethane	0.584	0.601	0.3	2.91	20
1,3-Dichlorobenzene	1.673	1.755		4.9	20
1,4-Dichlorobenzene	1.670	1.719		2.93	20
1,2-Dichlorobenzene	1.463	1.541		5.33	20
1,2-Dibromo-3-Chloropropane	0.098	0.096		-2.04	20
1,2,4-Trichlorobenzene	0.872	0.895		2.64	20
1,2,3-Trichlorobenzene	0.743	0.758		2.02	20
1,2-Dichloroethane-d4	0.487	0.485		-0.41	20
Dibromofluoromethane	0.296	0.307		3.72	20
Toluene-d8	1.176	1.213		3.15	20
4-Bromofluorobenzene	0.387	0.392		1.29	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>Q3742</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/04/2025 07:31</u>
Lab File ID:	<u>VY023877.D</u>	Init. Calib. Date(s):	<u>12/03/2025 12/03/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>14:05 16:23</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.378	0.405		7.14	20
Chloromethane	0.539	0.585	0.1	8.53	20
Vinyl Chloride	0.615	0.676		9.92	20
Bromomethane	0.444	0.459		3.38	20
Chloroethane	0.417	0.447		7.19	20
Trichlorofluoromethane	0.860	0.944		9.77	20
1,1,2-Trichlorotrifluoroethane	0.516	0.565		9.5	20
1,1-Dichloroethene	0.482	0.545		13.07	20
Acetone	0.150	0.172		14.67	20
Carbon Disulfide	1.423	1.740		22.28	20
Methyl tert-butyl Ether	1.210	1.346		11.24	20
Methyl Acetate	0.254	0.265		4.33	20
Methylene Chloride	0.610	0.567		-7.05	20
trans-1,2-Dichloroethene	0.531	0.602		13.37	20
1,1-Dichloroethane	0.980	1.062	0.1	8.37	20
Cyclohexane	0.937	1.032		10.14	20
2-Butanone	0.181	0.193		6.63	20
Carbon Tetrachloride	0.522	0.597		14.37	20
cis-1,2-Dichloroethene	0.617	0.675		9.4	20
Bromochloromethane	0.374	0.383		2.41	20
Chloroform	0.990	1.064		7.47	20
1,1,1-Trichloroethane	0.894	0.972		8.73	20
Methylcyclohexane	0.616	0.745		20.94	20
Benzene	1.429	1.619		13.3	20
1,2-Dichloroethane	0.373	0.416		11.53	20
Trichloroethene	0.368	0.420		14.13	20
1,2-Dichloropropane	0.338	0.378		11.83	20
Bromodichloromethane	0.483	0.543		12.42	20
4-Methyl-2-Pentanone	0.215	0.243		13.02	20
Toluene	0.895	1.038		15.98	20
t-1,3-Dichloropropene	0.436	0.501		14.91	20
cis-1,3-Dichloropropene	0.514	0.591		14.98	20
1,1,2-Trichloroethane	0.247	0.272		10.12	20
2-Hexanone	0.162	0.188		16.05	20
Dibromochloromethane	0.332	0.370		11.45	20
1,2-Dibromoethane	0.225	0.256		13.78	20
Tetrachloroethene	0.489	0.561		14.72	20
Chlorobenzene	1.141	1.282	0.3	12.36	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>Q3742</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/04/2025</u> <u>07:31</u>
Lab File ID:	<u>VY023877.D</u>	Init. Calib. Date(s):	<u>12/03/2025</u> <u>12/03/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>14:05</u> <u>16:23</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.973	2.283		15.71	20
m/p-Xylenes	0.754	0.883		17.11	20
o-Xylene	0.705	0.821		16.45	20
Styrene	1.163	1.352		16.25	20
Bromoform	0.220	0.254	0.1	15.45	20
Isopropylbenzene	3.684	4.313		17.07	20
1,1,2,2-Tetrachloroethane	0.594	0.653	0.3	9.93	20
1,3-Dichlorobenzene	1.724	1.929		11.89	20
1,4-Dichlorobenzene	1.690	1.886		11.6	20
1,2-Dichlorobenzene	1.499	1.677		11.88	20
1,2-Dibromo-3-Chloropropane	0.093	0.102		9.68	20
1,2,4-Trichlorobenzene	0.889	0.973		9.45	20
1,2,3-Trichlorobenzene	0.759	0.818		7.77	20
1,2-Dichloroethane-d4	0.500	0.414		-17.2	20
Dibromofluoromethane	0.321	0.278		-13.4	20
Toluene-d8	1.248	1.082		-13.3	20
4-Bromofluorobenzene	0.426	0.356		-16.43	20

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



SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023843.D
 Acq On : 01 Dec 2025 15:10
 Operator : SY/MD
 Sample : Q3742-01
 Misc : 2.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-23

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 02 03:18:25 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	656114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1207708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1048441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	433339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	390837	61.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.340%
35) Dibromofluoromethane	7.634	113	386244	53.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.980%
50) Toluene-d8	10.109	98	1445760	50.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.408	95	425798	45.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.080%

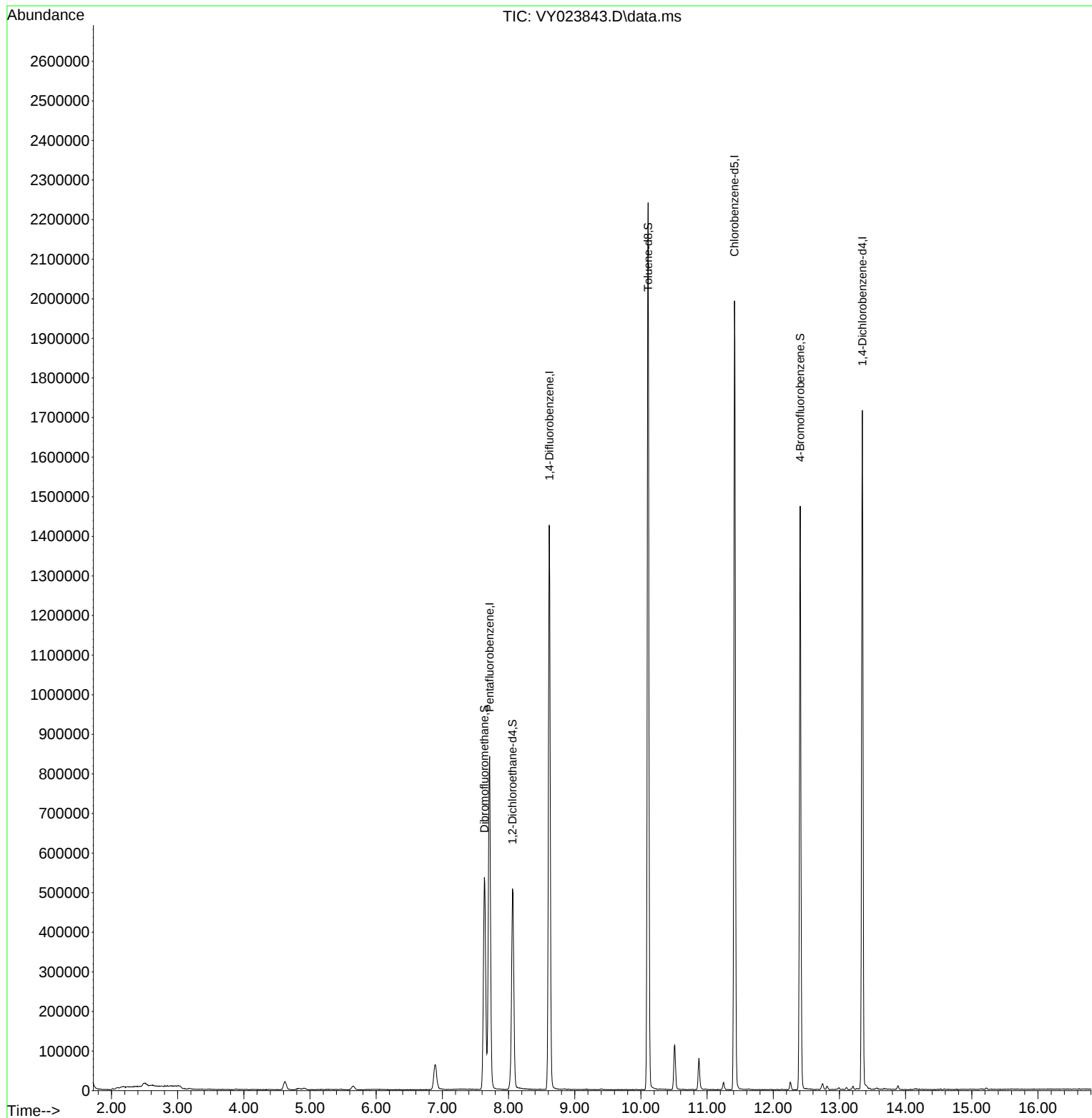
Target Compounds	Qvalue

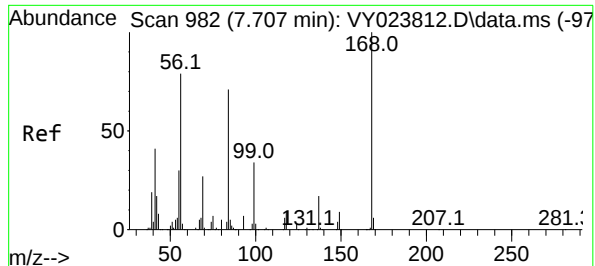
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023843.D
Acq On : 01 Dec 2025 15:10
Operator : SY/MD
Sample : Q3742-01
Misc : 2.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-23

Quant Time: Dec 02 03:18:25 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

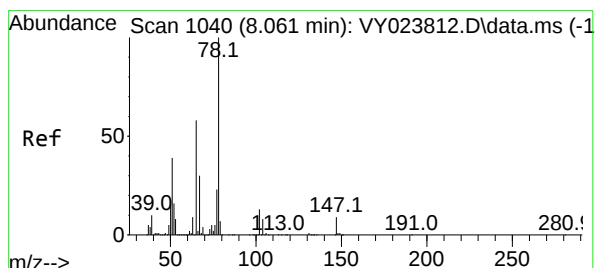
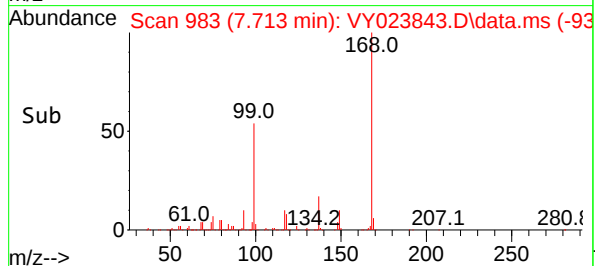
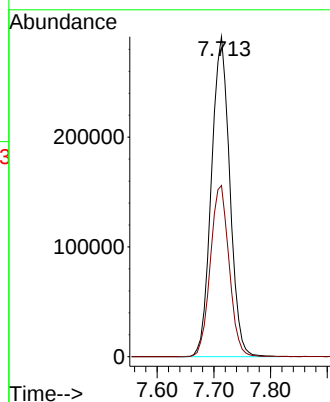
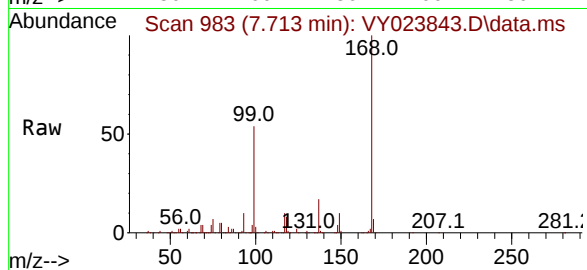




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023843.D
Acq: 01 Dec 2025 15:10

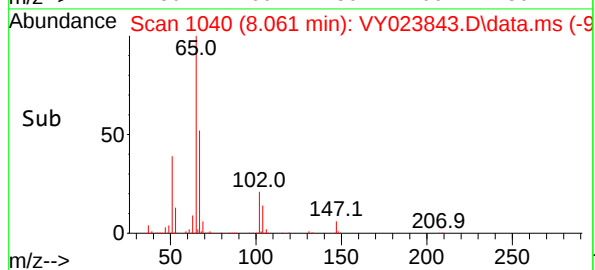
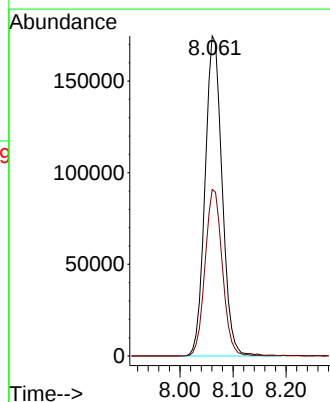
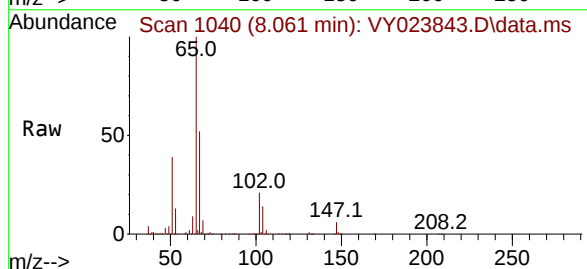
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-23

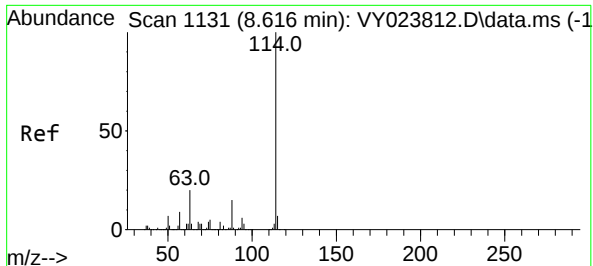
Tgt Ion:168 Resp: 656114
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 61.168 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023843.D
Acq: 01 Dec 2025 15:10

Tgt Ion: 65 Resp: 390837
Ion Ratio Lower Upper
65 100
67 52.5 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: VY023843.D

Acq: 01 Dec 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-23

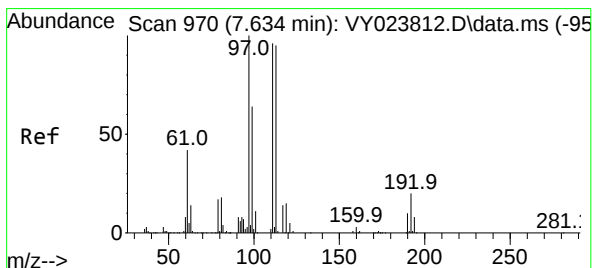
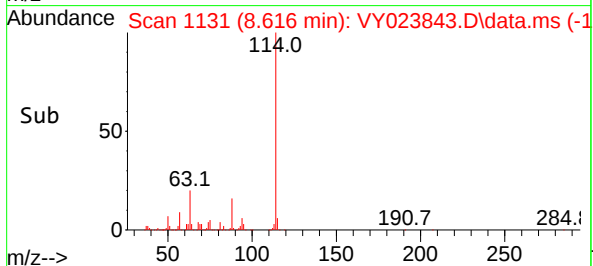
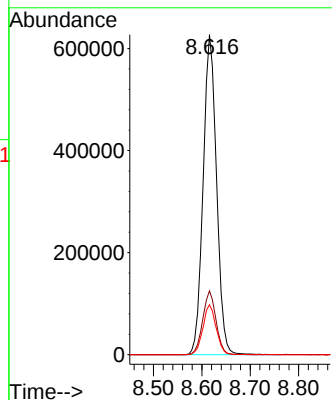
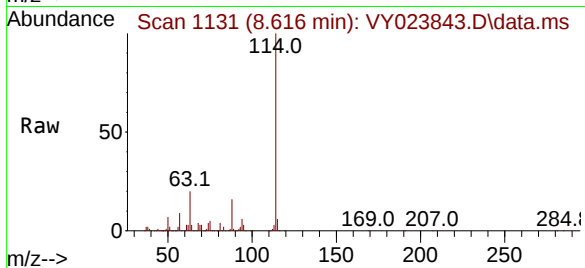
Tgt Ion:114 Resp: 1207708

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.987 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY023843.D

Acq: 01 Dec 2025 15:10

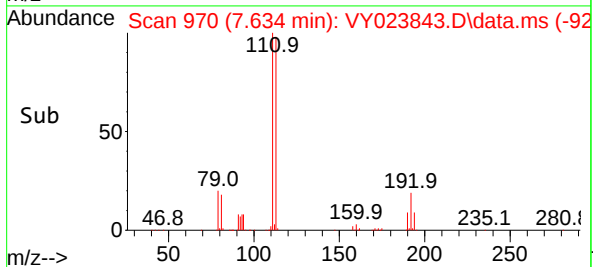
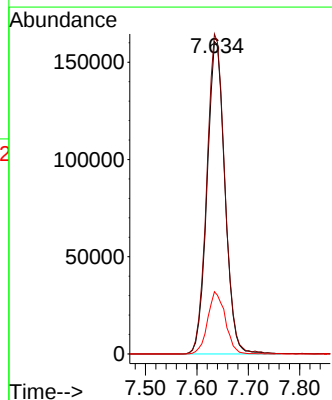
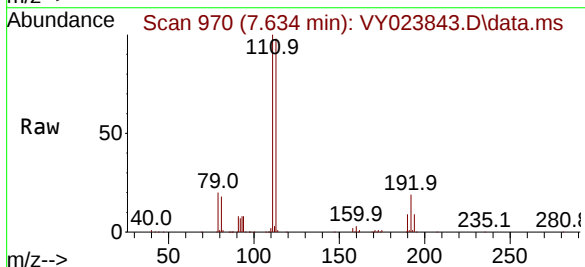
Tgt Ion:113 Resp: 386244

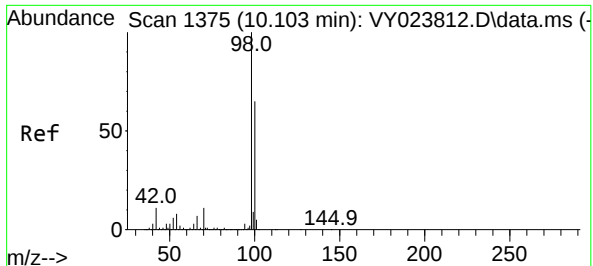
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.8 15.8 23.8





#50

Toluene-d8

Concen: 50.877 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023843.D

Acq: 01 Dec 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

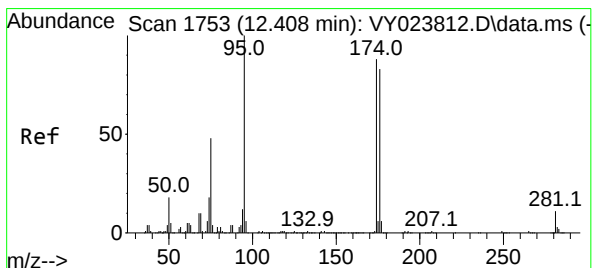
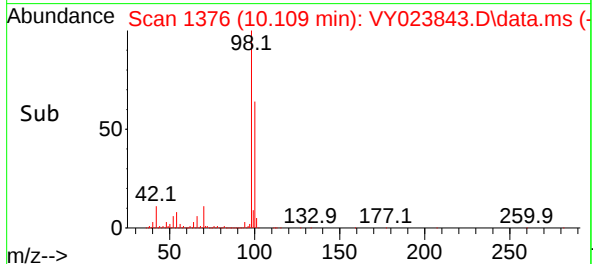
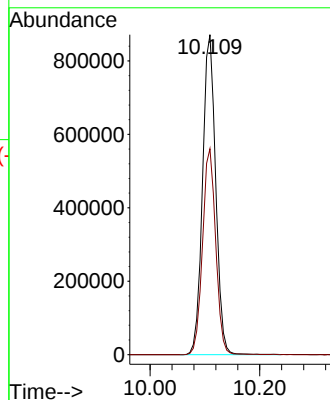
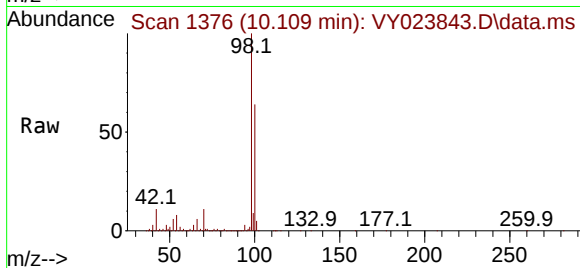
SB-1125-23

Tgt Ion: 98 Resp: 1445760

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.539 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY023843.D

Acq: 01 Dec 2025 15:10

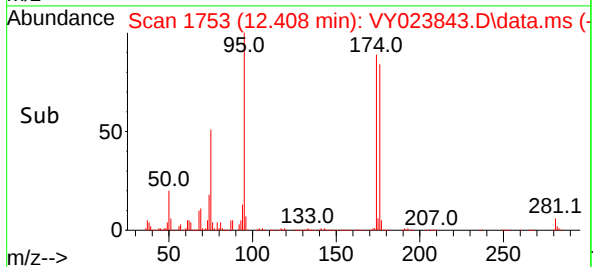
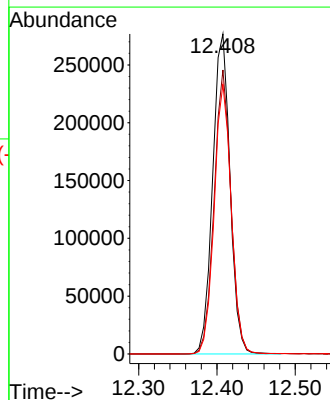
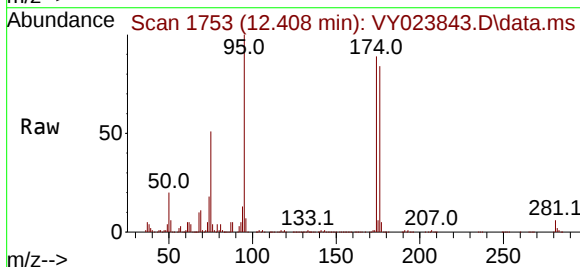
Tgt Ion: 95 Resp: 425798

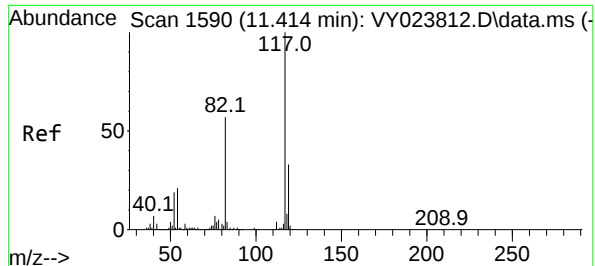
Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.6

176 82.8 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023843.D

Acq: 01 Dec 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-23

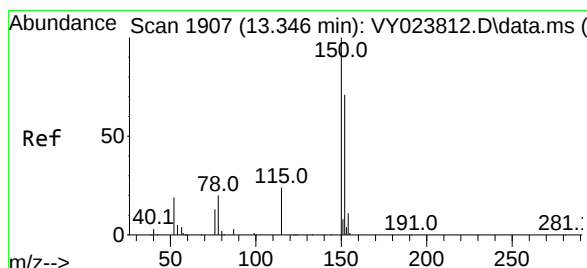
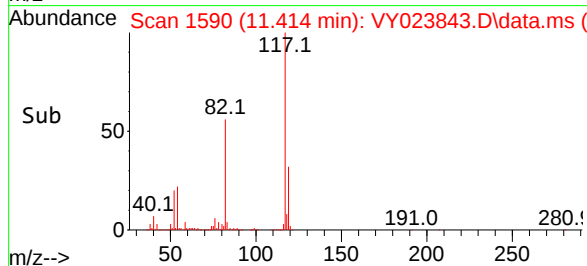
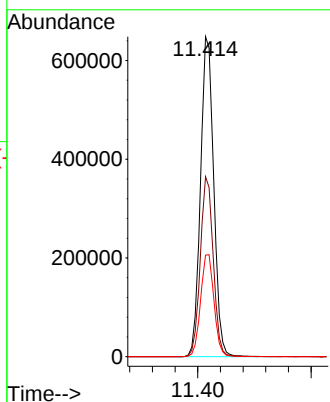
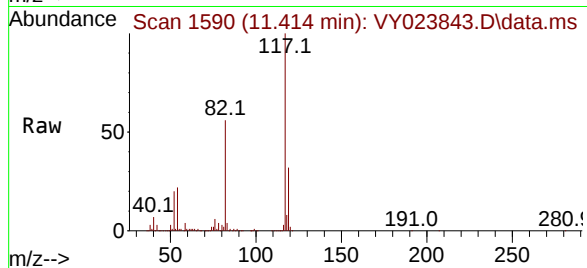
Tgt Ion:117 Resp: 1048441

Ion Ratio Lower Upper

117 100

82 56.3 45.4 68.0

119 31.8 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: VY023843.D

Acq: 01 Dec 2025 15:10

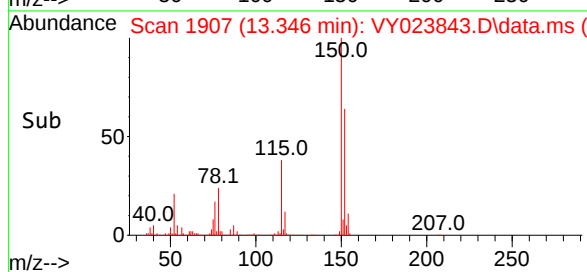
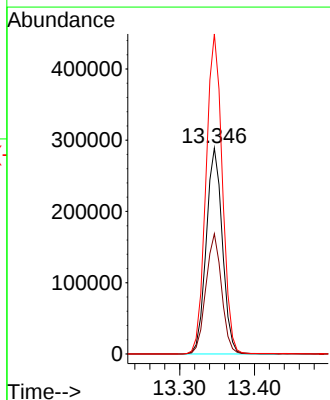
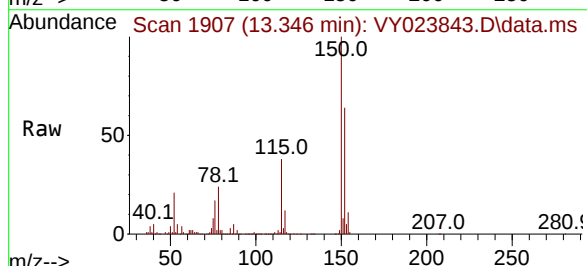
Tgt Ion:152 Resp: 433339

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.3

150 157.4 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023843.D
Acq On : 01 Dec 2025 15:10
Operator : SY/MD
Sample : Q3742-01
Misc : 2.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-23

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: VY023843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	466	476	485	rBV3	20282	60898	1.60%	0.308%
2	6.890	835	848	862	rBV2	63318	208356	5.49%	1.054%
3	7.634	957	970	976	rBV	535874	1274383	33.56%	6.445%
4	7.713	976	983	1003	rVB	840983	1938681	51.05%	9.805%
5	8.061	1028	1040	1054	rBV	507043	1220374	32.14%	6.172%
6	8.616	1120	1131	1147	rBV	1425425	2772726	73.02%	14.024%
7	10.109	1366	1376	1394	rBV	2240677	3797301	100.00%	19.205%
8	10.512	1435	1442	1451	rBV2	111874	209953	5.53%	1.062%
9	10.877	1495	1502	1515	rBV	79708	135236	3.56%	0.684%
10	11.414	1580	1590	1604	rBV	1992892	3216982	84.72%	16.270%
11	12.408	1745	1753	1765	rBV	1474064	2334187	61.47%	11.806%
12	13.346	1899	1907	1922	rBV	1713680	2602901	68.55%	13.165%

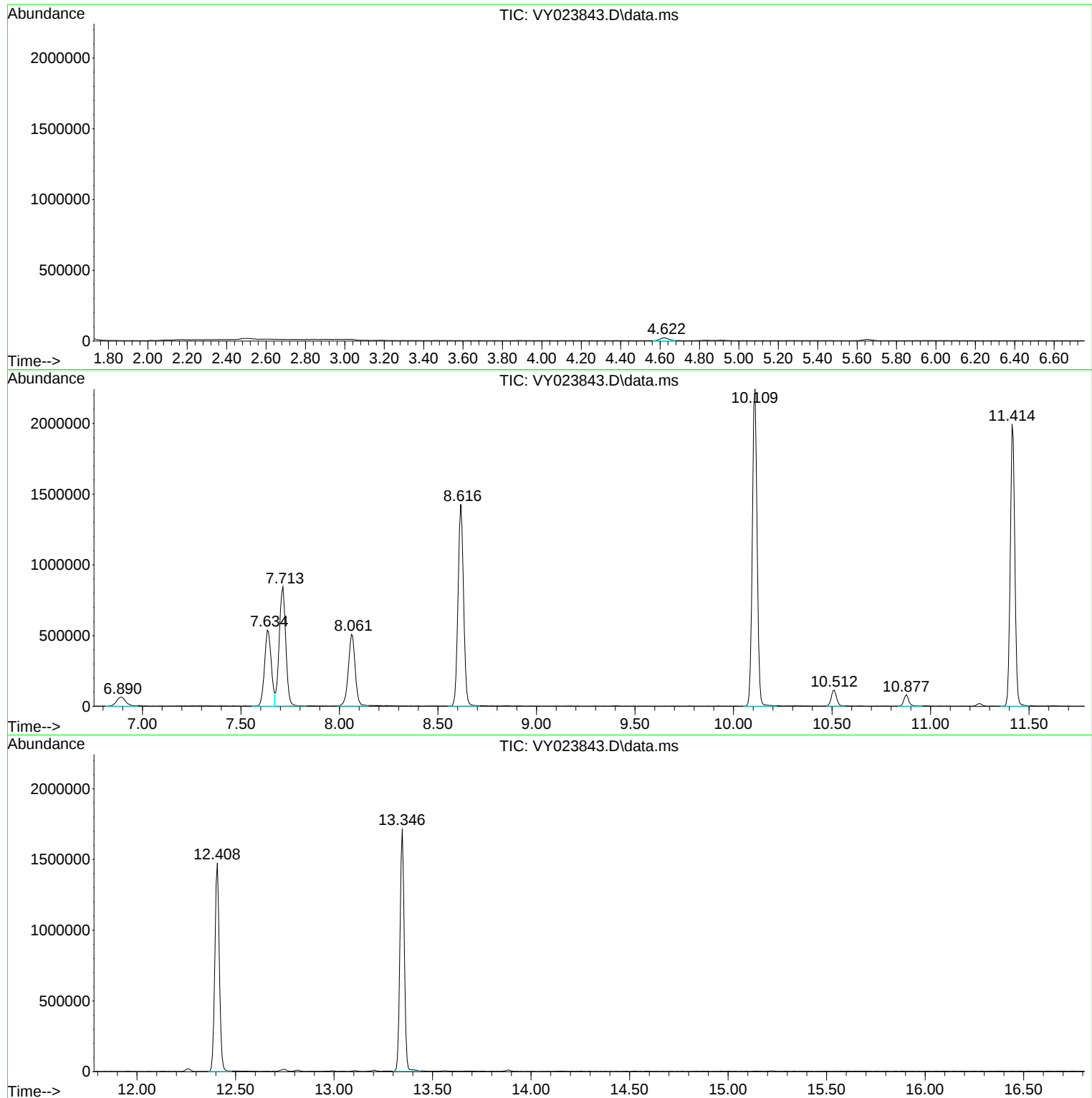
Sum of corrected areas: 19771978

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023843.D
Acq On : 01 Dec 2025 15:10
Operator : SY/MD
Sample : Q3742-01
Misc : 2.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-23

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 : VY023843.D
Acq On : 01 Dec 2025 15:10
Operator : SY/MD
Sample : Q3742-01
Misc : 2.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-23

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 : VY023843.D
Acq On : 01 Dec 2025 15:10
Operator : SY/MD
Sample : Q3742-01
Misc : 2.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-23

A

B

C

D

E

F

G

H

I

J

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023844.D
Acq On : 01 Dec 2025 15:33
Operator : SY/MD
Sample : Q3742-02
Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 02 03:18:46 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)

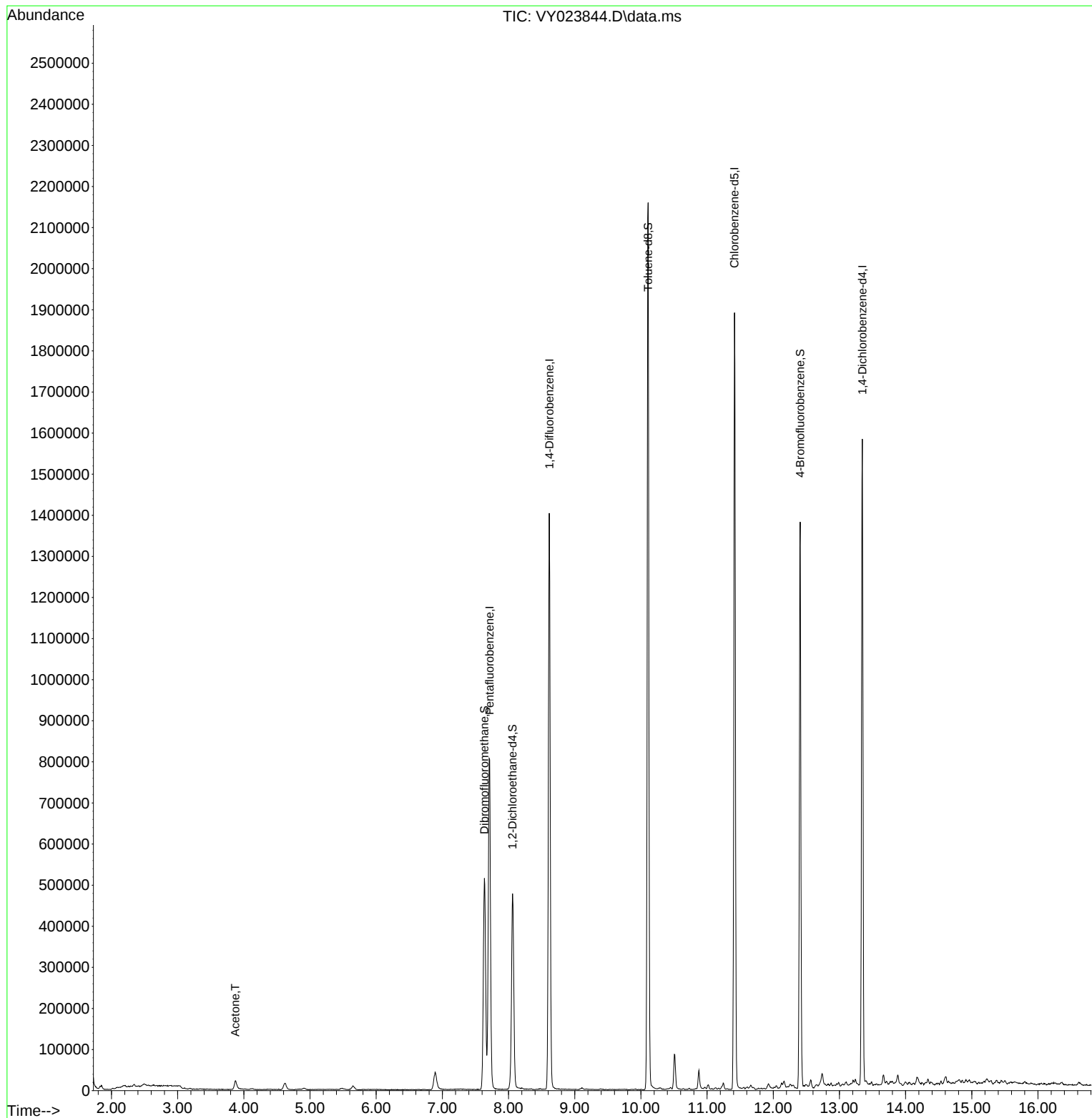
Internal Standards						
1) Pentafluorobenzene	7.713	168	639201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1174775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1006083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	405217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	377039	60.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.140%	
35) Dibromofluoromethane	7.634	113	371962	53.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.900%	
50) Toluene-d8	10.109	98	1404094	50.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.408	95	403666	44.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.760%	
Target Compounds						
16) Acetone	3.873	43	37474	20.895	ug/l	Qvalue 99

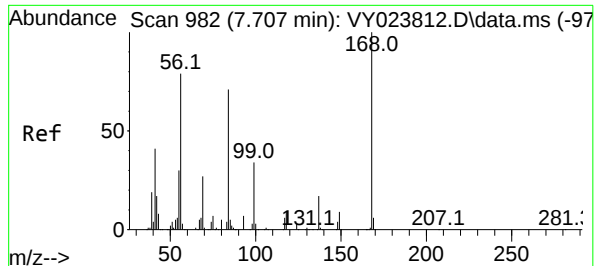
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023844.D
Acq On : 01 Dec 2025 15:33
Operator : SY/MD
Sample : Q3742-02
Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

Quant Time: Dec 02 03:18:46 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

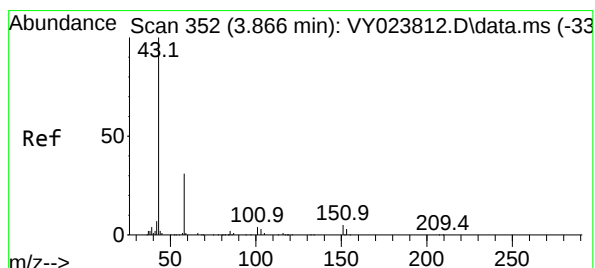
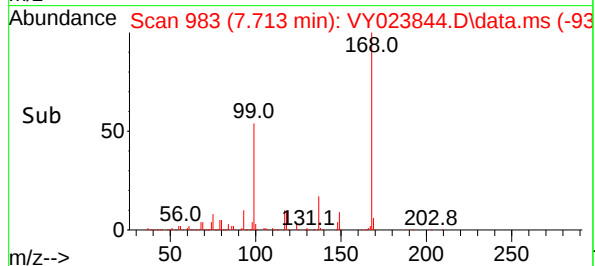
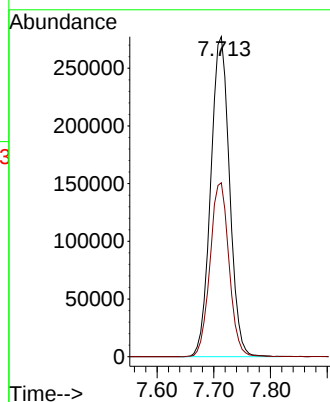
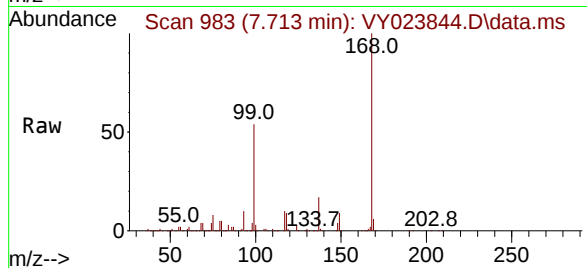




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

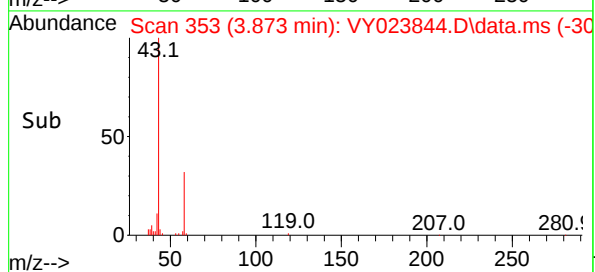
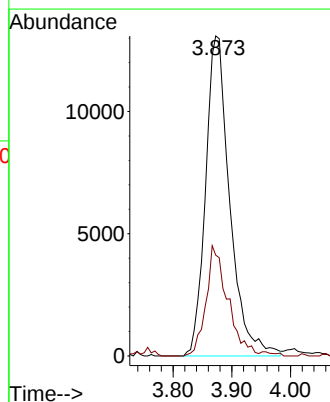
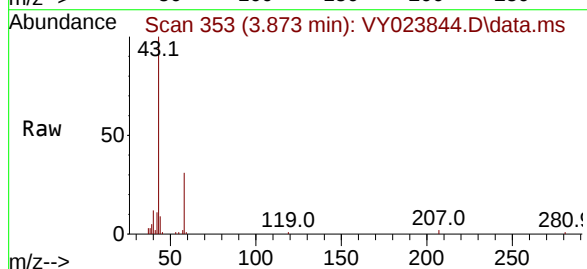
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

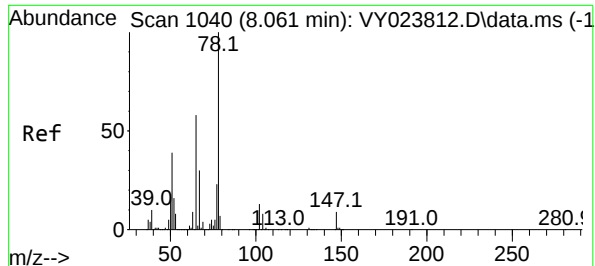
Tgt Ion:168 Resp: 639201
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#16
Acetone
Concen: 20.895 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

Tgt Ion: 43 Resp: 37474
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 60.570 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY023844.D

Acq: 01 Dec 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

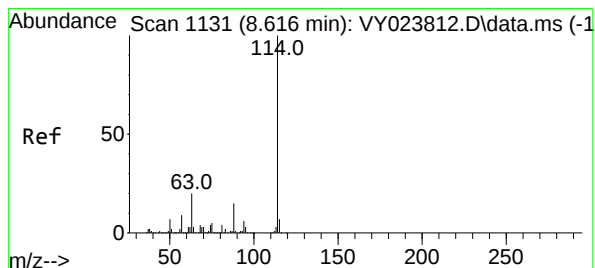
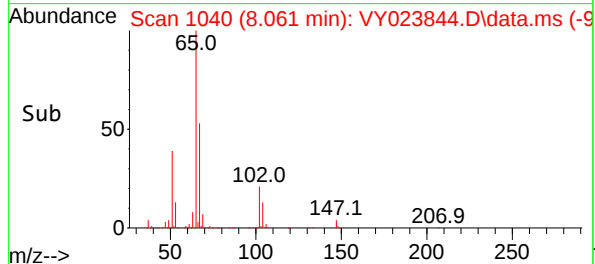
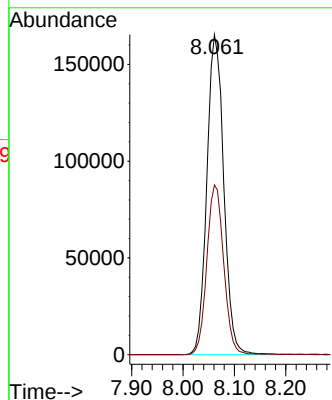
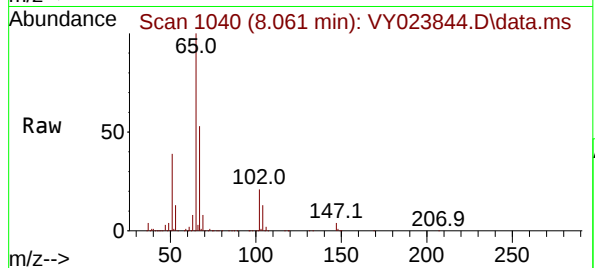
SB-1125-19

Tgt Ion: 65 Resp: 377039

Ion Ratio Lower Upper

65 100

67 53.1 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: VY023844.D

Acq: 01 Dec 2025 15:33

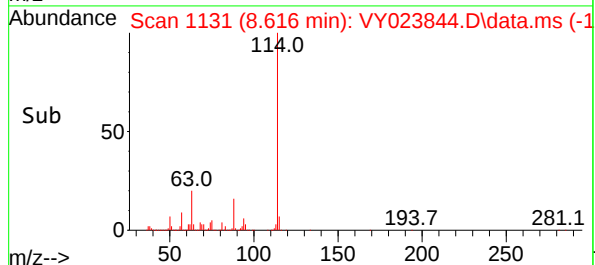
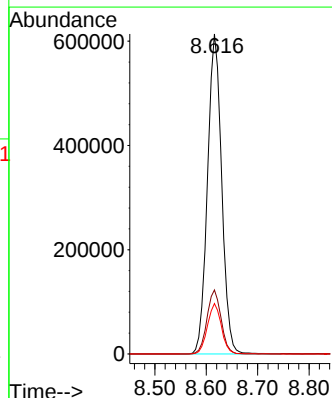
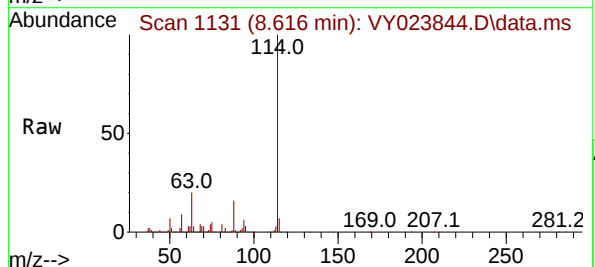
Tgt Ion:114 Resp: 1174775

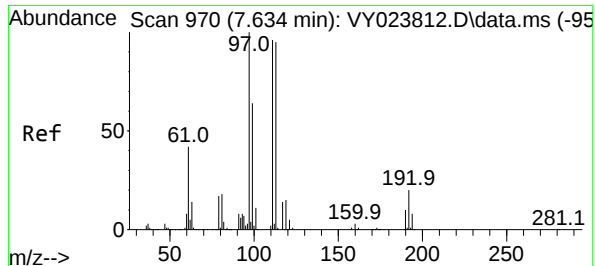
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.449 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY023844.D

Acq: 01 Dec 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-19

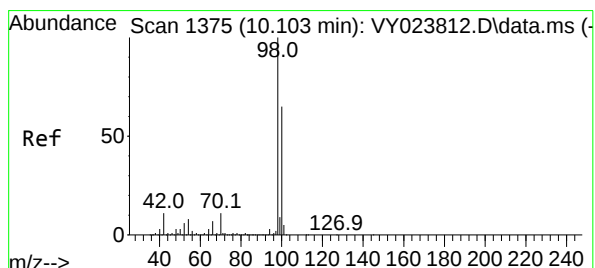
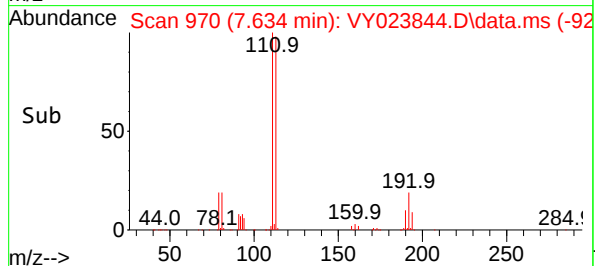
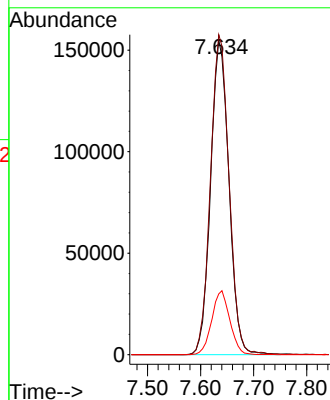
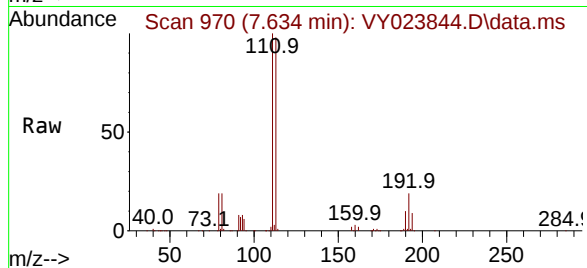
Tgt Ion:113 Resp: 371962

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.0 15.8 23.8



#50

Toluene-d8

Concen: 50.796 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023844.D

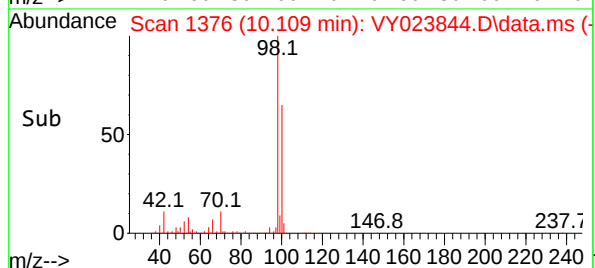
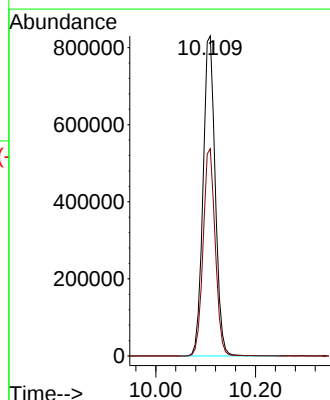
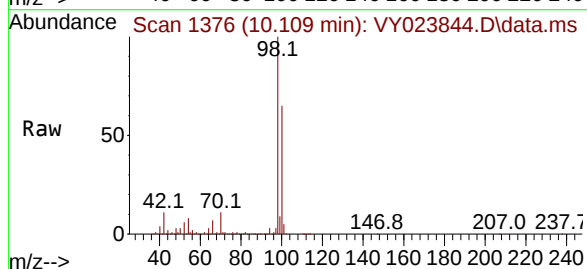
Acq: 01 Dec 2025 15:33

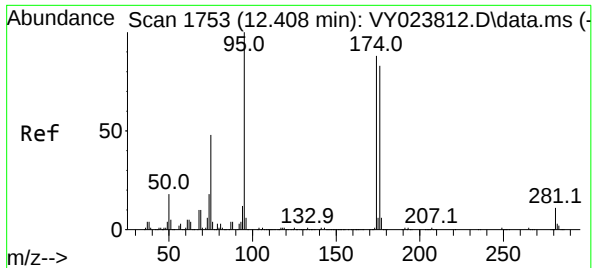
Tgt Ion: 98 Resp: 1404094

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9

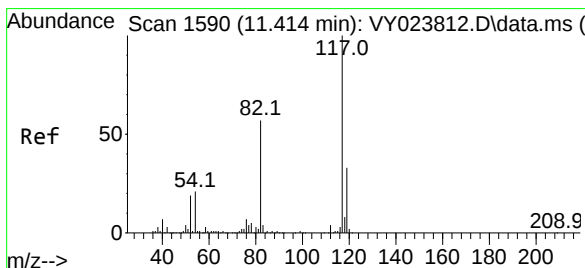
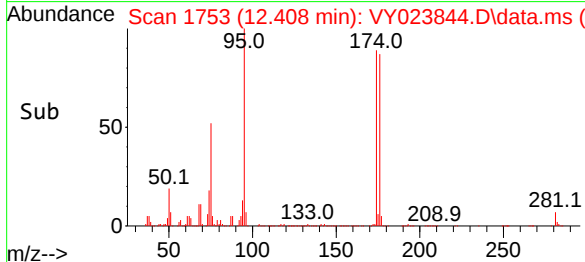
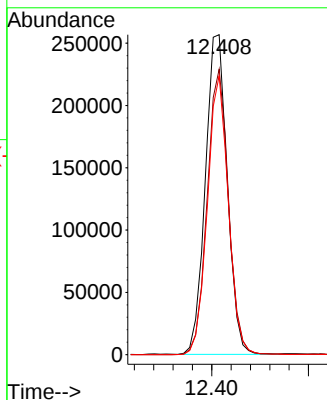
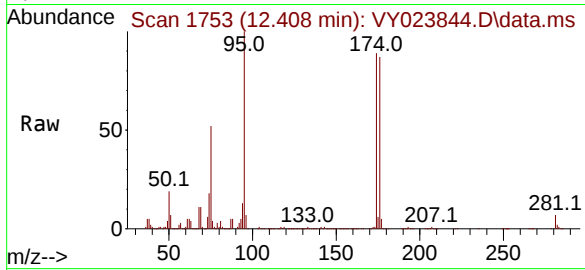




#62
4-Bromofluorobenzene
Concen: 44.382 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

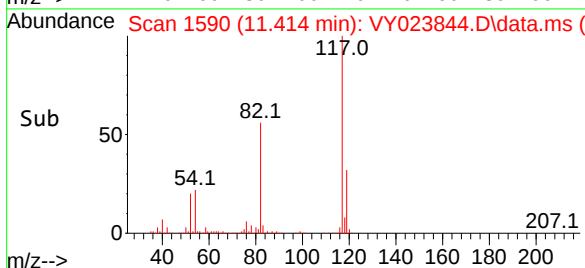
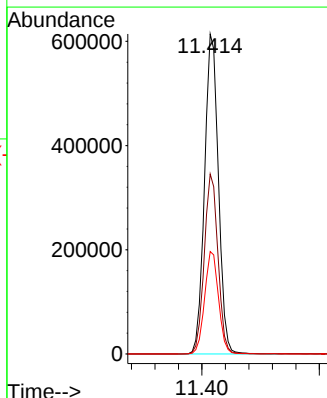
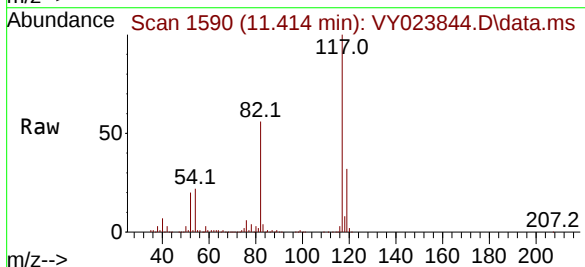
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

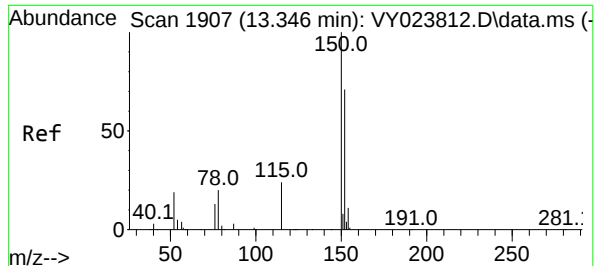
Tgt Ion: 95 Resp: 403666
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.6
176 83.4 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

Tgt Ion: 117 Resp: 1006083
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 32.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023844.D

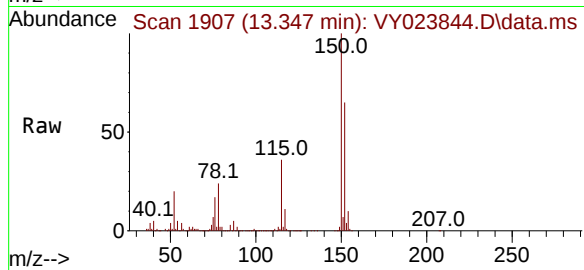
Acq: 01 Dec 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-19



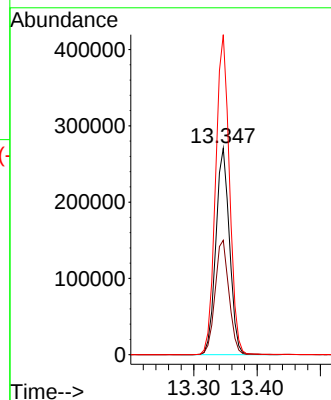
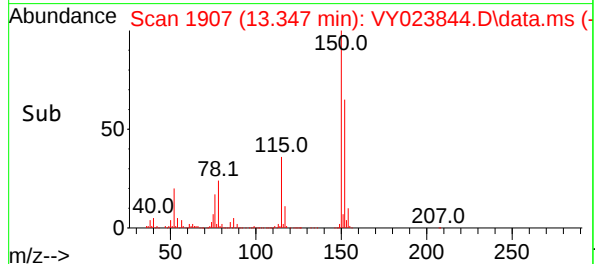
Tgt Ion:152 Resp: 405217

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.3

150 157.1 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023844.D
 Acq On : 01 Dec 2025 15:33
 Operator : SY/MD
 Sample : Q3742-02
 Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-19

A
B
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J

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VY023844.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.873	344	353	361	rBV2	21345	57388	1.55%	0.300%
2	4.622	465	476	486	rBV3	15764	50289	1.36%	0.263%
3	6.890	837	848	861	rBV2	42962	140406	3.79%	0.735%
4	7.634	961	970	976	rBV	513381	1234079	33.28%	6.457%
5	7.707	976	982	998	rVB	804698	1878125	50.65%	9.826%
6	8.061	1028	1040	1057	rBV	476276	1145989	30.91%	5.996%
7	8.616	1122	1131	1145	rBV	1401629	2699888	72.81%	14.125%
8	10.109	1366	1376	1398	rBV	2158733	3707999	100.00%	19.400%
9	10.506	1435	1441	1452	rBV2	84220	159688	4.31%	0.835%
10	10.877	1497	1502	1510	rBV	44484	73148	1.97%	0.383%
11	11.414	1582	1590	1603	rBV	1889790	3078819	83.03%	16.108%
12	12.408	1746	1753	1760	rBV	1378387	2212744	59.67%	11.577%
13	12.566	1774	1779	1785	rVB3	19934	37706	1.02%	0.197%
14	12.737	1797	1807	1813	rBV4	29979	73747	1.99%	0.386%
15	13.347	1900	1907	1914	rBV	1571307	2410974	65.02%	12.614%
16	13.664	1953	1959	1964	rBV7	23716	45187	1.22%	0.236%
17	13.883	1990	1995	2007	rVB7	25262	61053	1.65%	0.319%
18	14.176	2037	2043	2053	rBV8	17367	46435	1.25%	0.243%

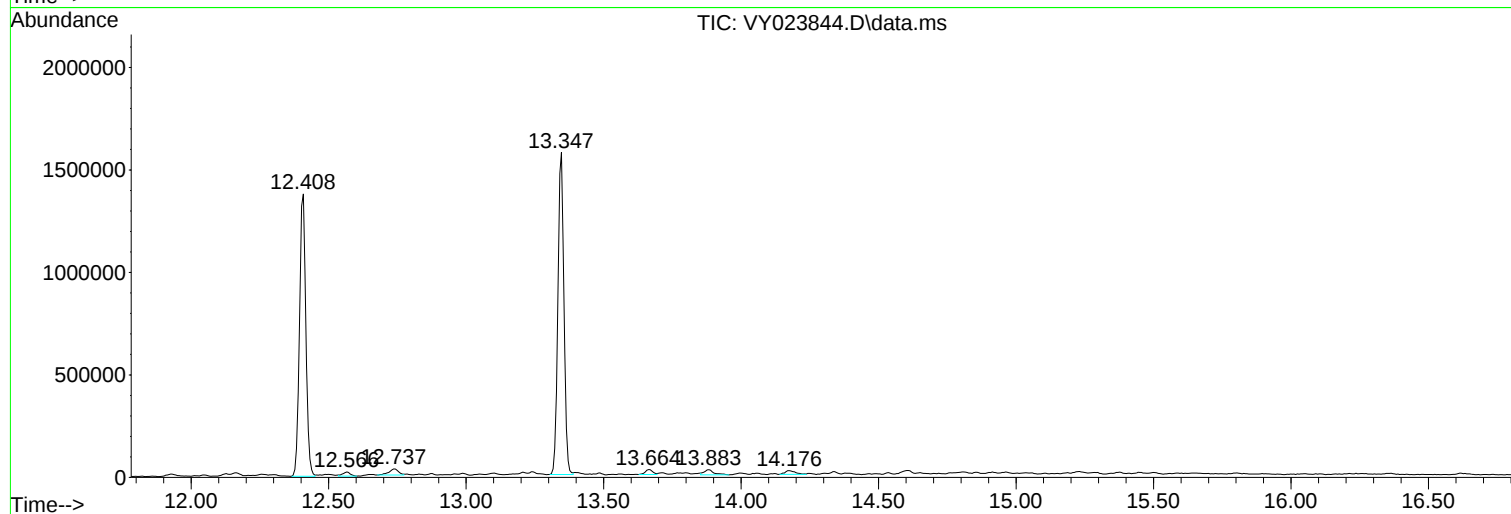
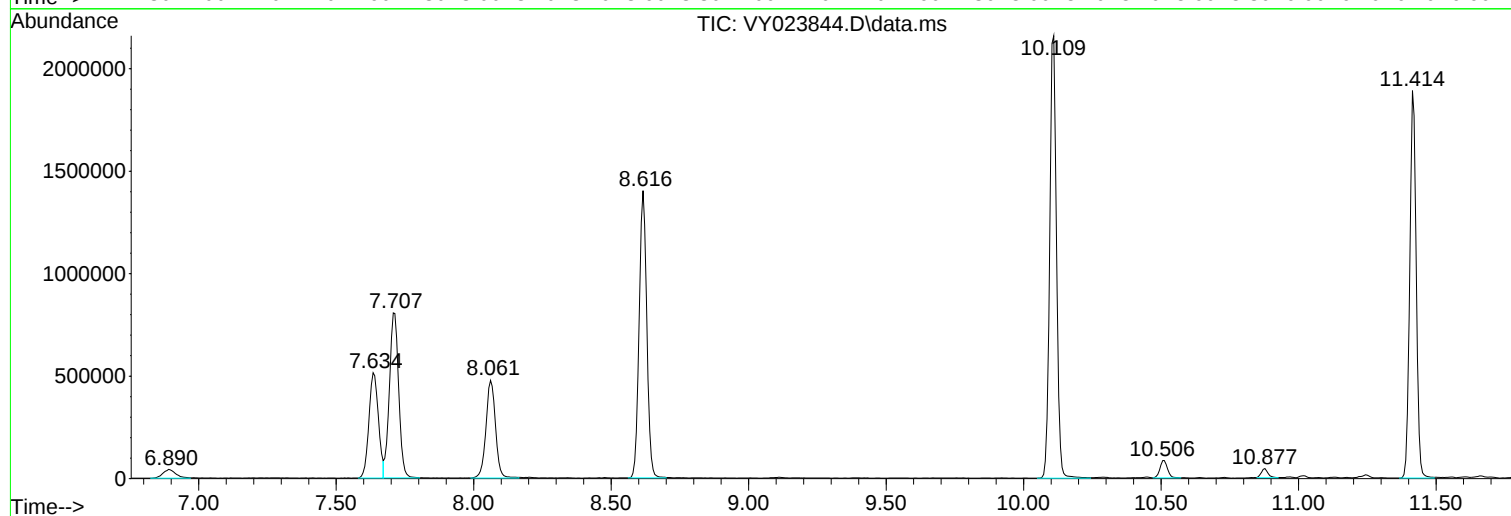
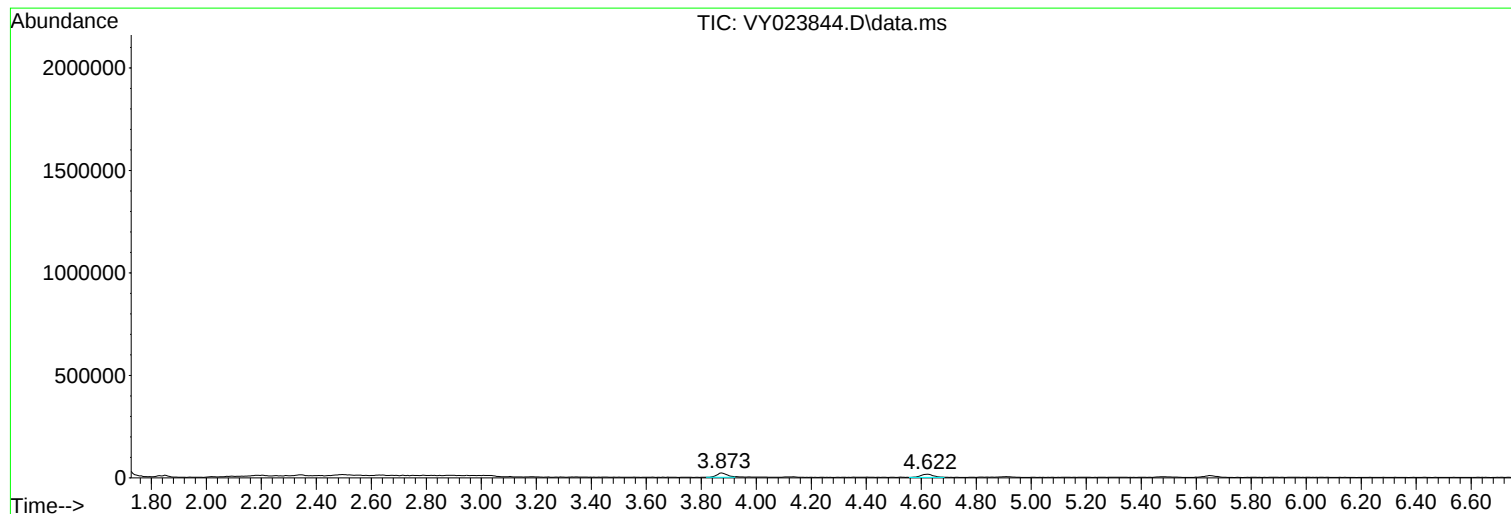
Sum of corrected areas: 19113664

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023844.D
Acq On : 01 Dec 2025 15:33
Operator : SY/MD
Sample : Q3742-02
Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

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 : VY023844.D
Acq On : 01 Dec 2025 15:33
Operator : SY/MD
Sample : Q3742-02
Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

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 : VY023844.D
Acq On : 01 Dec 2025 15:33
Operator : SY/MD
Sample : Q3742-02
Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

A

B

C

D

E

F

G

H

I

J

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023845.D
 Acq On : 01 Dec 2025 15:57
 Operator : SY/MD
 Sample : Q3742-03
 Misc : 2.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-8

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Quant Time: Dec 02 03:19:10 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	608834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1113703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	955695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	376385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	354950	59.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.740%	
35) Dibromofluoromethane	7.634	113	355083	53.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.109	98	1331655	50.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.408	95	383301	44.454	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.900%	

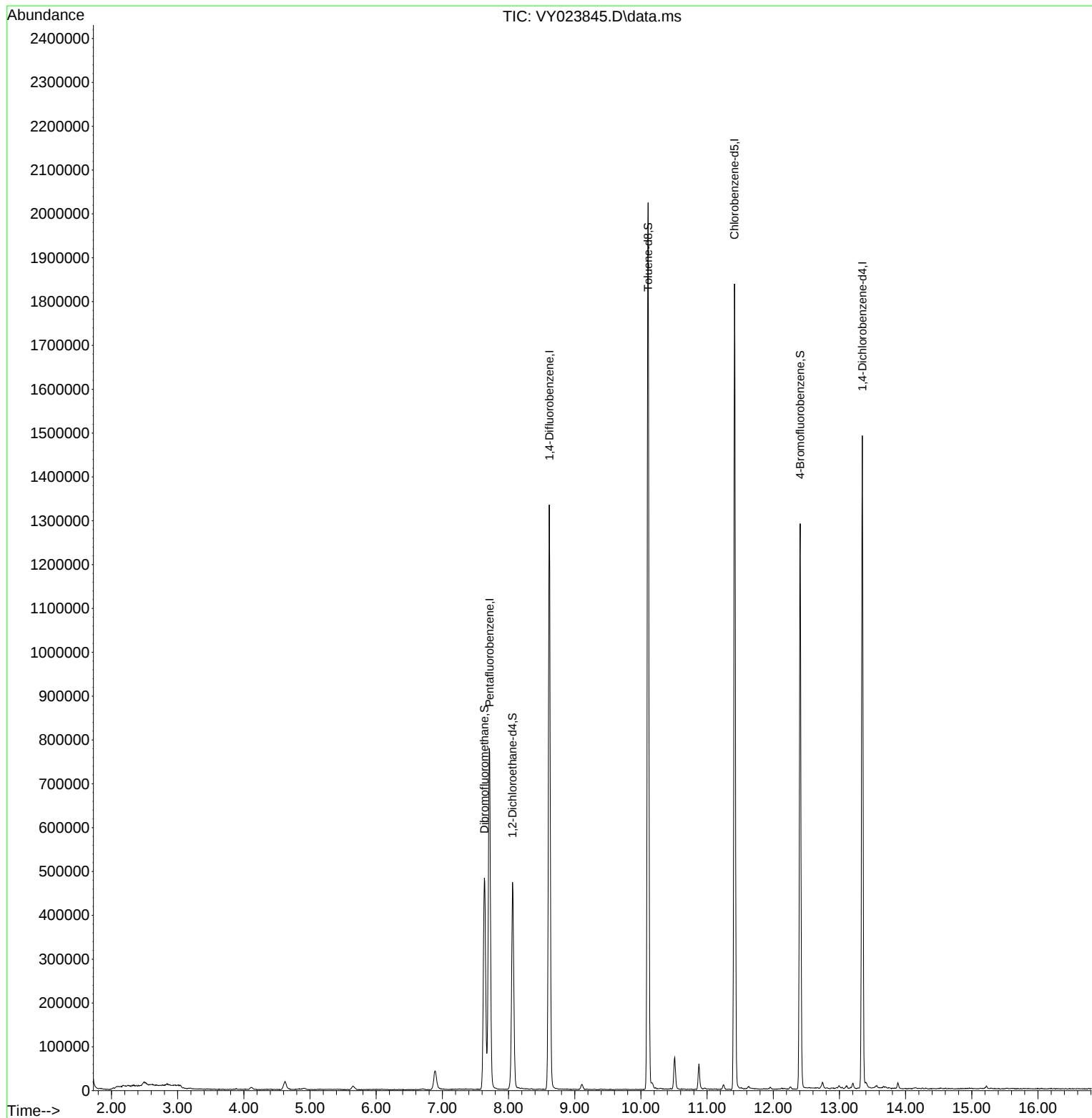
Target Compounds	Qvalue

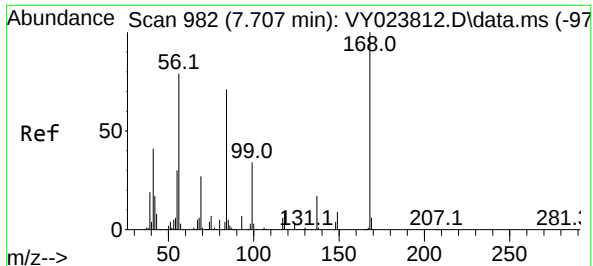
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023845.D
Acq On : 01 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-03
Misc : 2.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-8

Quant Time: Dec 02 03:19:10 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

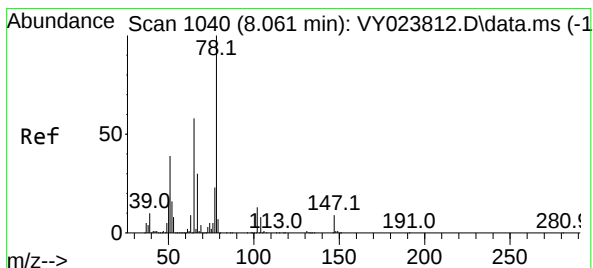
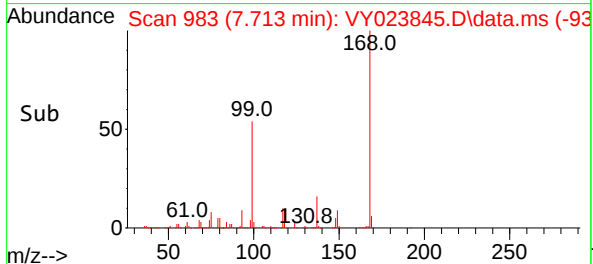
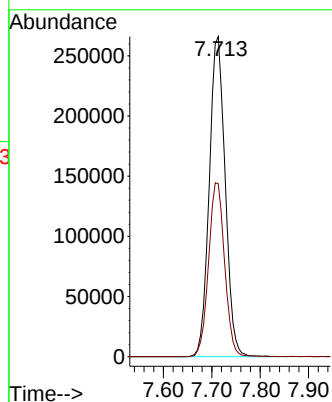
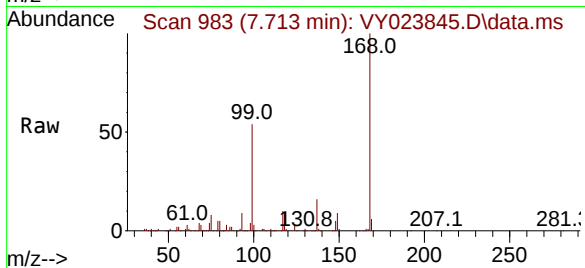




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023845.D
Acq: 01 Dec 2025 15:57

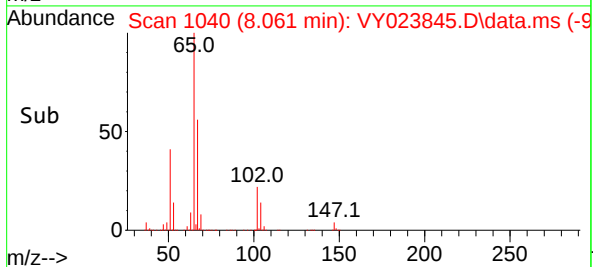
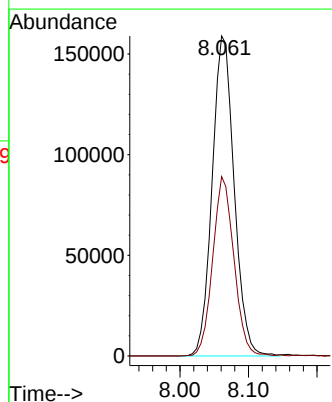
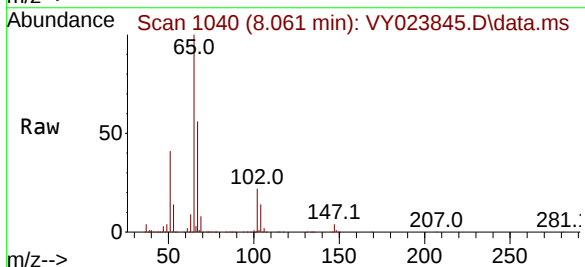
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-8

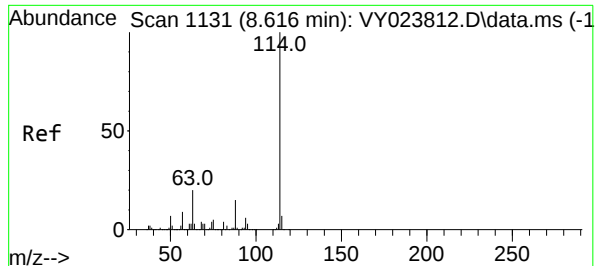
Tgt Ion:168 Resp: 608834
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.866 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023845.D
Acq: 01 Dec 2025 15:57

Tgt Ion: 65 Resp: 354950
Ion Ratio Lower Upper
65 100
67 54.0 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: VY023845.D

Acq: 01 Dec 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-8

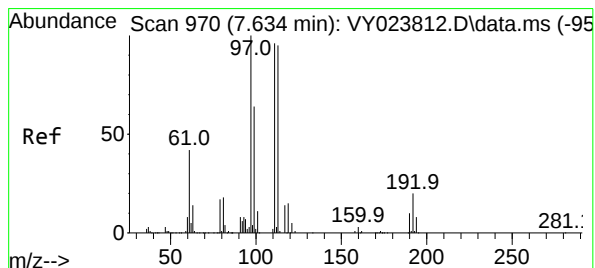
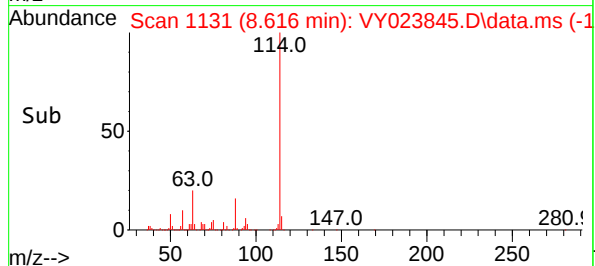
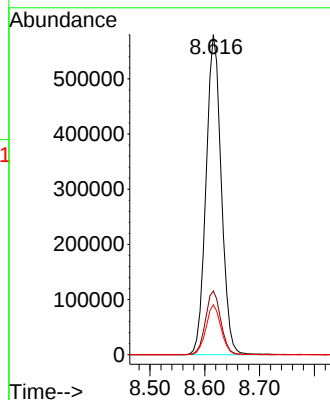
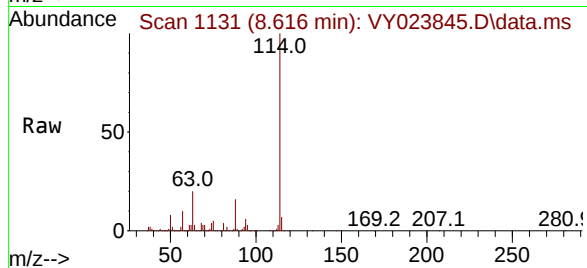
Tgt Ion:114 Resp: 1113703

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.821 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY023845.D

Acq: 01 Dec 2025 15:57

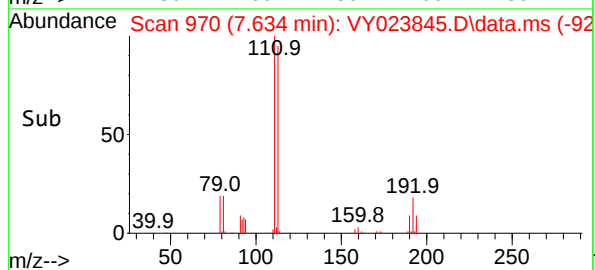
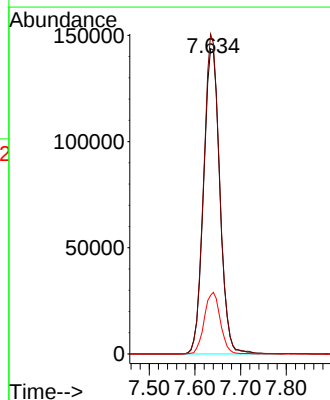
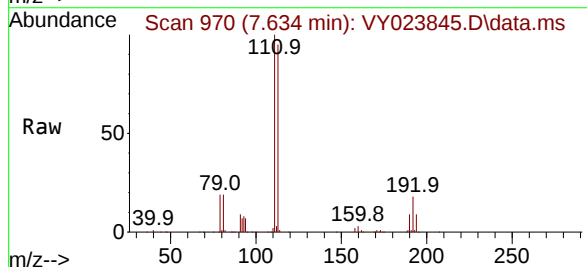
Tgt Ion:113 Resp: 355083

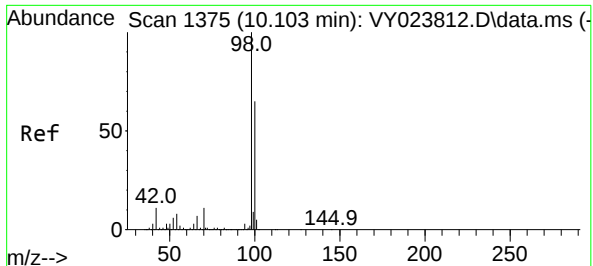
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 19.9 15.8 23.8





#50

Toluene-d8

Concen: 50.817 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023845.D

Acq: 01 Dec 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

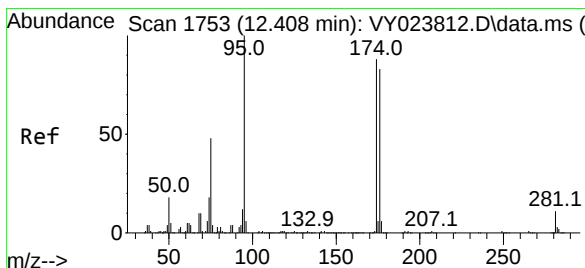
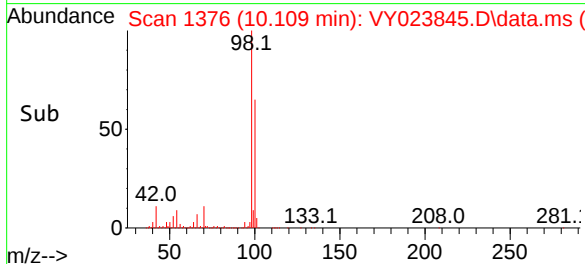
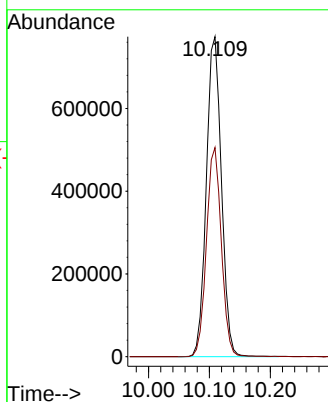
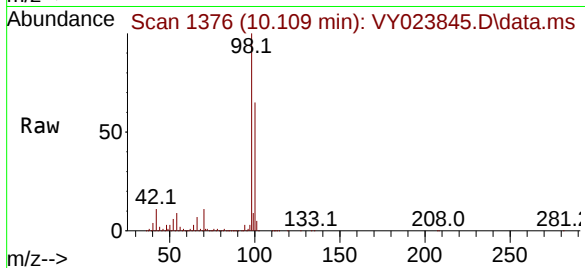
SB-1125-8

Tgt Ion: 98 Resp: 1331655

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.454 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY023845.D

Acq: 01 Dec 2025 15:57

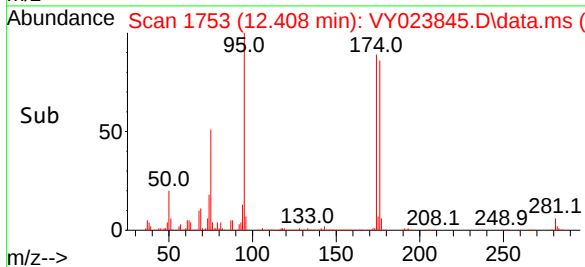
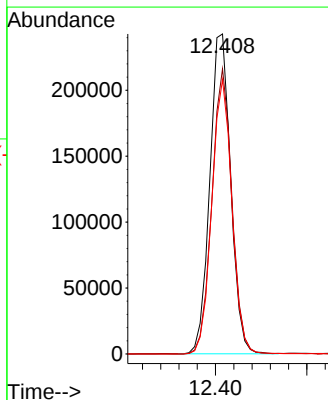
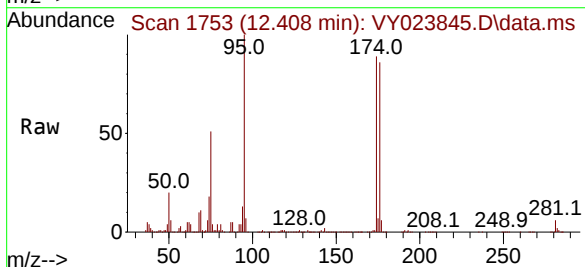
Tgt Ion: 95 Resp: 383301

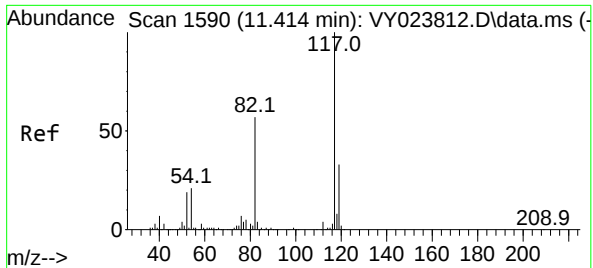
Ion Ratio Lower Upper

95 100

174 85.8 0.0 168.6

176 82.9 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023845.D

Acq: 01 Dec 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-8

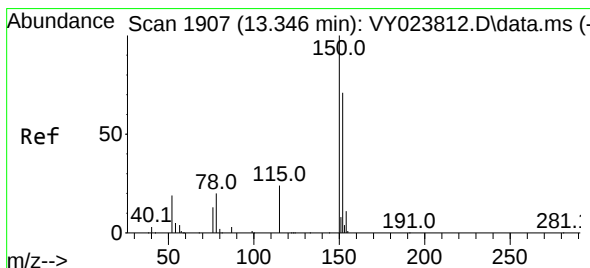
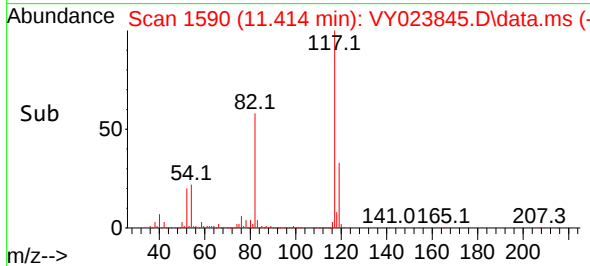
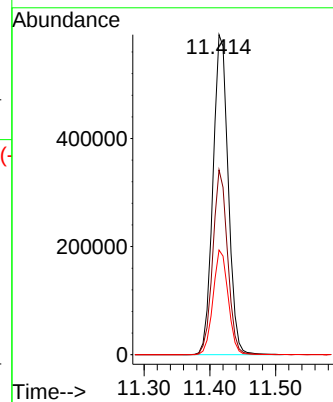
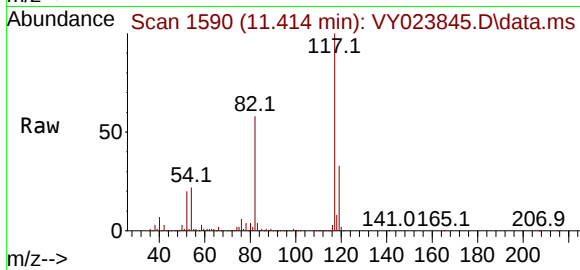
Tgt Ion:117 Resp: 955695

Ion Ratio Lower Upper

117 100

82 57.8 45.4 68.0

119 32.7 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: VY023845.D

Acq: 01 Dec 2025 15:57

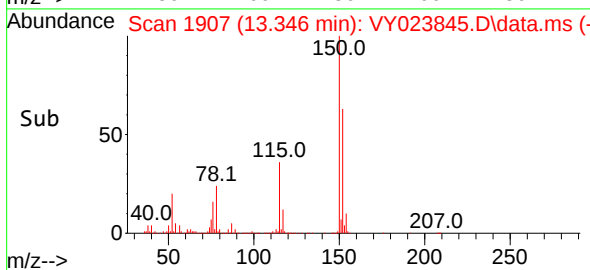
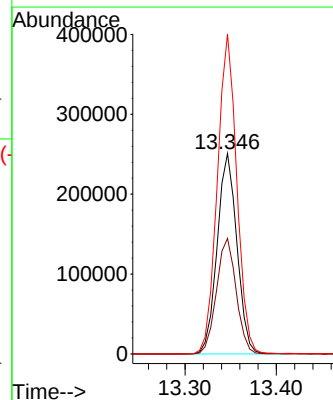
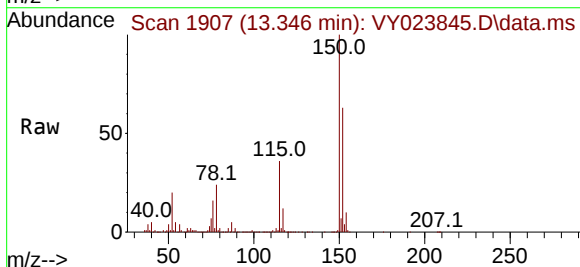
Tgt Ion:152 Resp: 376385

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 : VY023845.D
 Acq On : 01 Dec 2025 15:57
 Operator : SY/MD
 Sample : Q3742-03
 Misc : 2.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-8

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: VY023845.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	463	476	489	rBV2	19001	62699	1.79%	0.351%
2	6.890	836	848	862	rBV2	42562	138663	3.96%	0.777%
3	7.634	961	970	976	rBV	482234	1163968	33.25%	6.525%
4	7.707	976	982	998	rVB	775820	1795891	51.30%	10.068%
5	8.061	1029	1040	1055	rBV	471892	1079670	30.84%	6.053%
6	8.616	1121	1131	1146	rBV	1333784	2572552	73.49%	14.422%
7	10.109	1365	1376	1384	rBV	2023189	3500422	100.00%	19.623%
8	10.512	1434	1442	1449	rBV	72274	136219	3.89%	0.764%
9	10.877	1495	1502	1512	rBV	58770	100851	2.88%	0.565%
10	11.414	1582	1590	1604	rBV	1838336	2943596	84.09%	16.502%
11	12.408	1743	1753	1767	rBV	1290377	2084544	59.55%	11.686%
12	13.346	1899	1907	1914	rBV	1488822	2258915	64.53%	12.664%

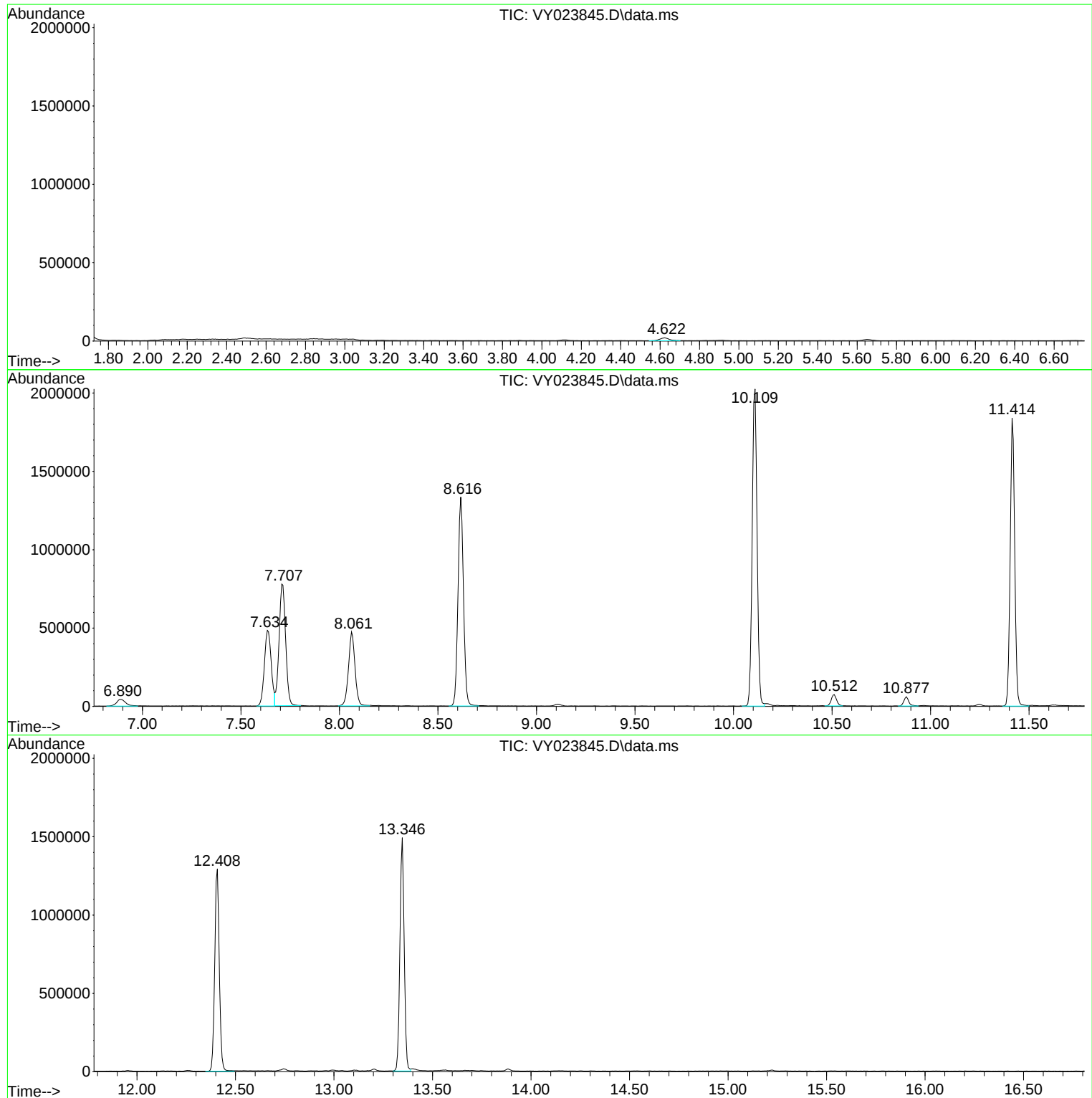
Sum of corrected areas: 17837990

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023845.D
Acq On : 01 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-03
Misc : 2.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-8

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 : VY023845.D
Acq On : 01 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-03
Misc : 2.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-8

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 : VY023845.D
Acq On : 01 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-03
Misc : 2.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-8

A

B

C

D

E

F

G

H

I

J

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023846.D
Acq On : 01 Dec 2025 16:20
Operator : SY/MD
Sample : Q3742-04
Misc : 2.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-9

A
B
C
D
E
F
G
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I
J

Quant Time: Dec 02 03:19:34 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)

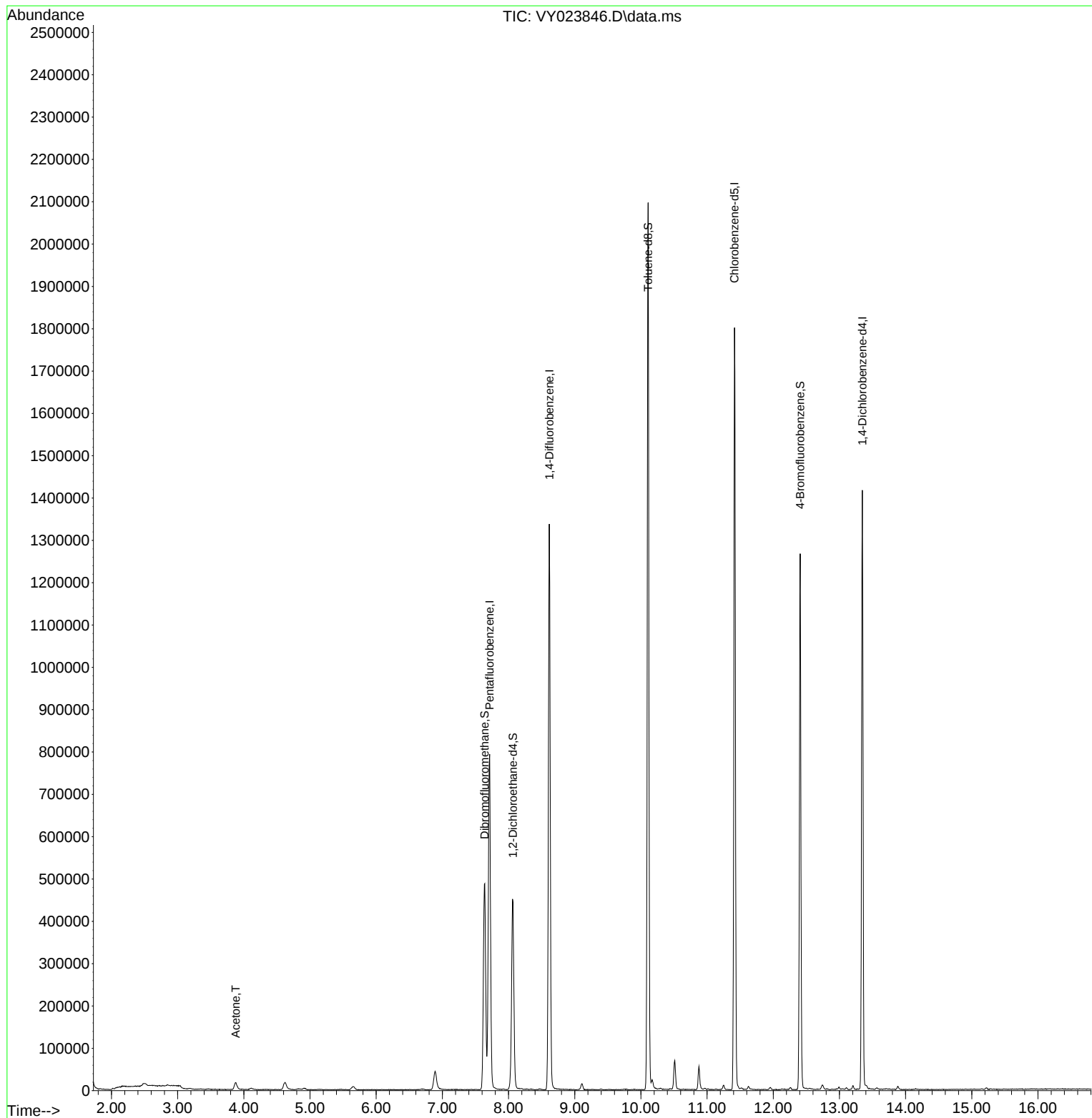
Internal Standards						
1) Pentafluorobenzene	7.713	168	620754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1130173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	961054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	366679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	349428	57.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.600%
35) Dibromofluoromethane	7.640	113	357130	53.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.109	98	1342737	50.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.408	95	374886	42.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.680%
Target Compounds						
16) Acetone	3.879	43	30547	17.538	ug/l	Qvalue 94

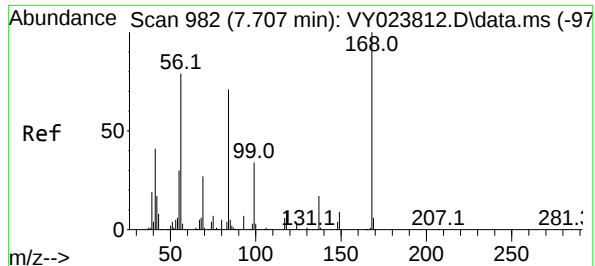
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023846.D
Acq On : 01 Dec 2025 16:20
Operator : SY/MD
Sample : Q3742-04
Misc : 2.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-9

Quant Time: Dec 02 03:19:34 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

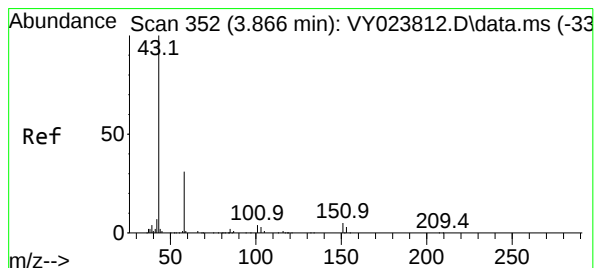
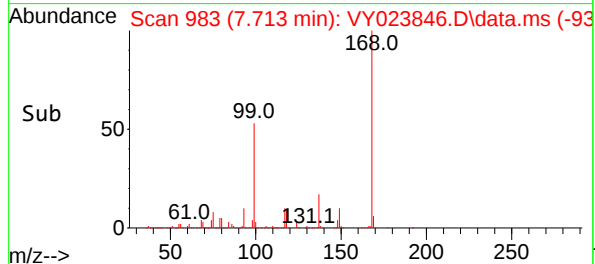
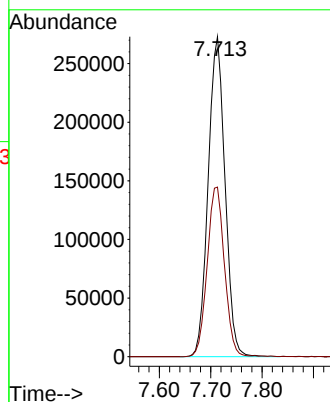
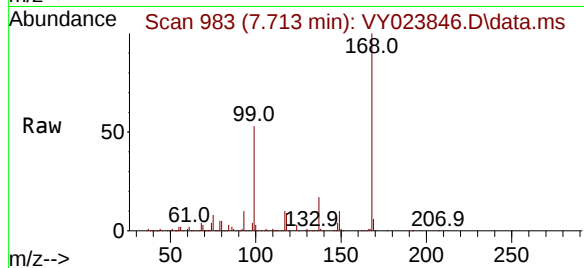




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023846.D
Acq: 01 Dec 2025 16:20

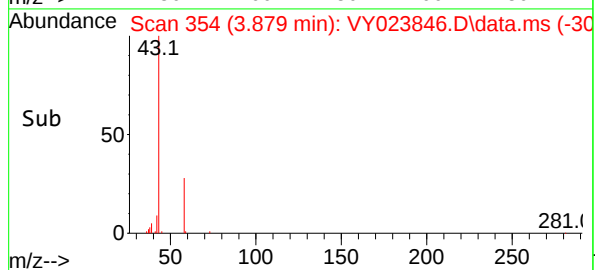
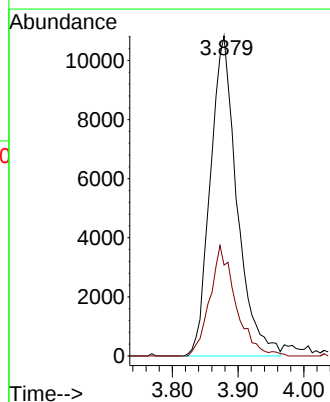
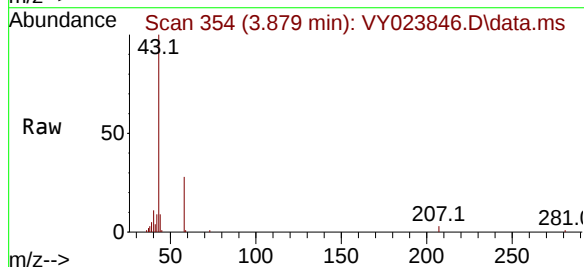
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-9

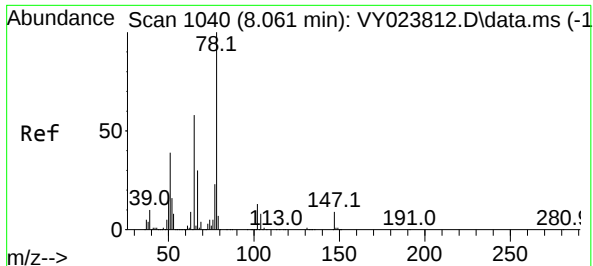
Tgt Ion:168 Resp: 620754
Ion Ratio Lower Upper
168 100
99 53.0 44.0 66.0



#16
Acetone
Concen: 17.538 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023846.D
Acq: 01 Dec 2025 16:20

Tgt Ion: 43 Resp: 30547
Ion Ratio Lower Upper
43 100
58 28.4 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 57.803 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023846.D

Acq: 01 Dec 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

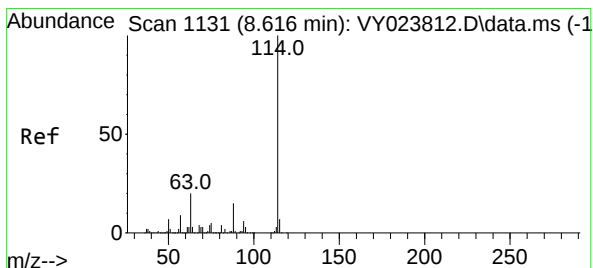
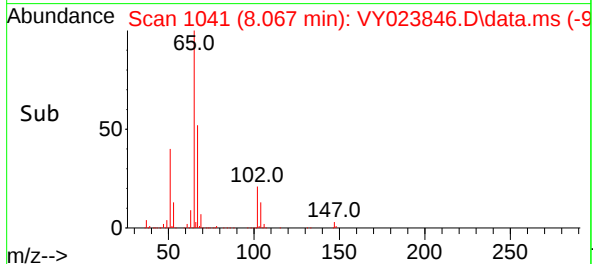
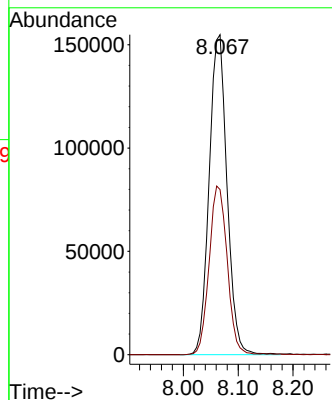
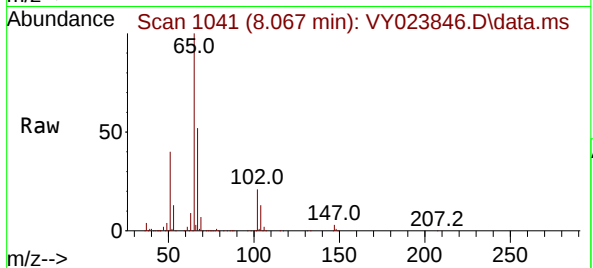
SB-1125-9

Tgt Ion: 65 Resp: 349428

Ion Ratio Lower Upper

65 100

67 53.6 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: VY023846.D

Acq: 01 Dec 2025 16:20

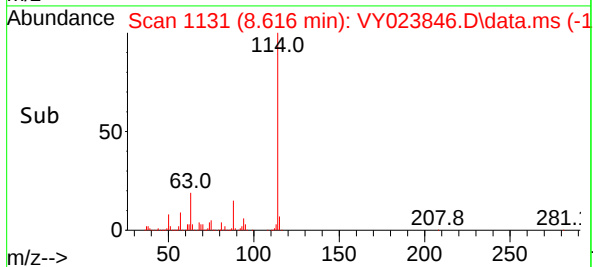
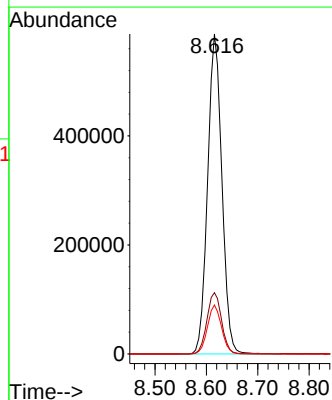
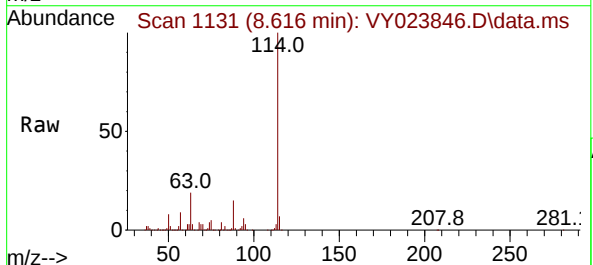
Tgt Ion:114 Resp: 1130173

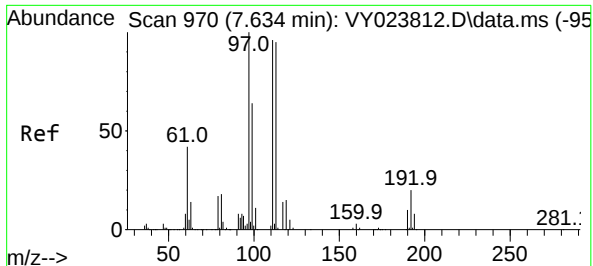
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.343 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023846.D

Acq: 01 Dec 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-9

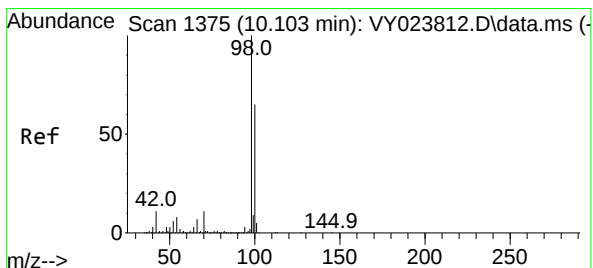
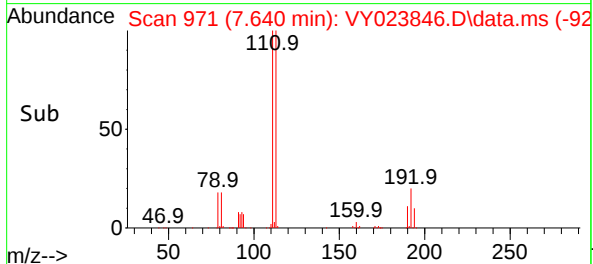
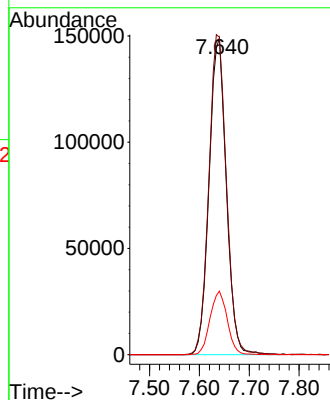
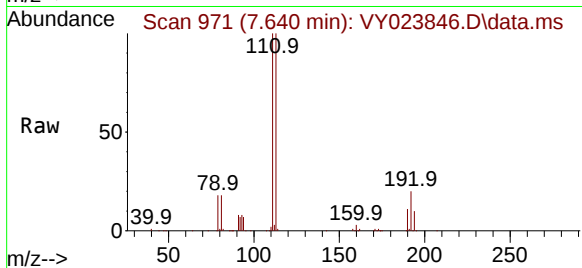
Tgt Ion:113 Resp: 357130

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.0 15.8 23.8



#50

Toluene-d8

Concen: 50.493 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023846.D

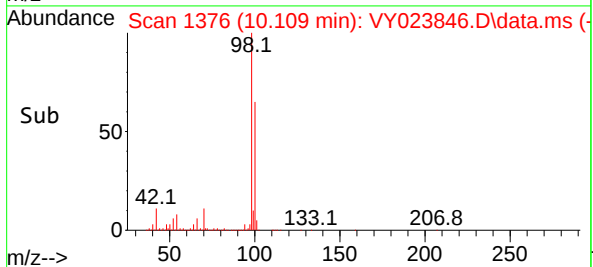
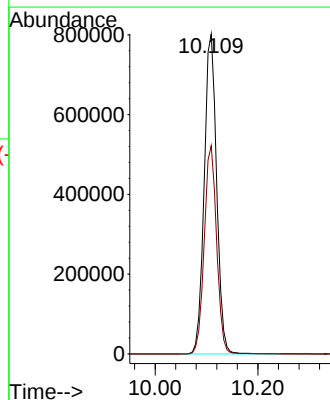
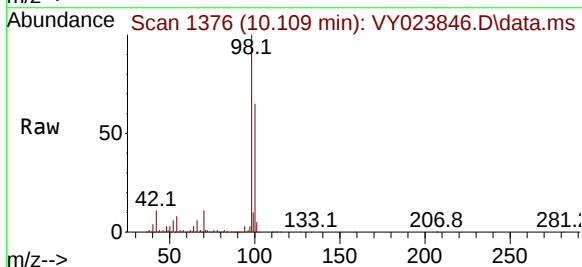
Acq: 01 Dec 2025 16:20

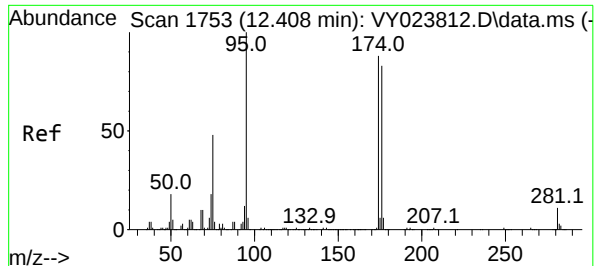
Tgt Ion: 98 Resp: 1342737

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 42.845 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY023846.D

Acq: 01 Dec 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-9

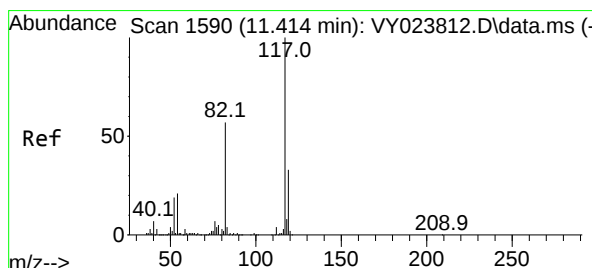
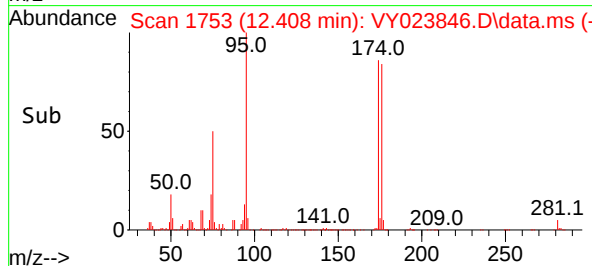
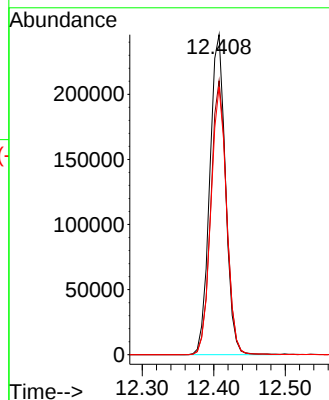
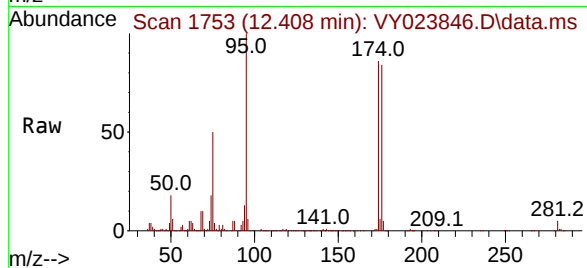
Tgt Ion: 95 Resp: 374886

Ion Ratio Lower Upper

95 100

174 85.9 0.0 168.6

176 83.5 0.0 164.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY023846.D

Acq: 01 Dec 2025 16:20

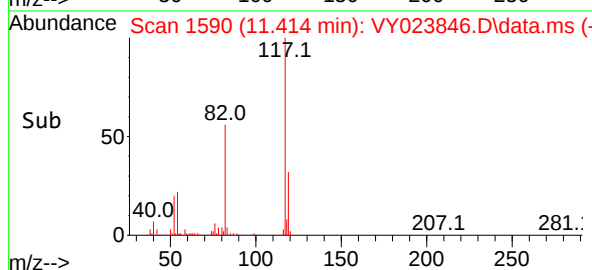
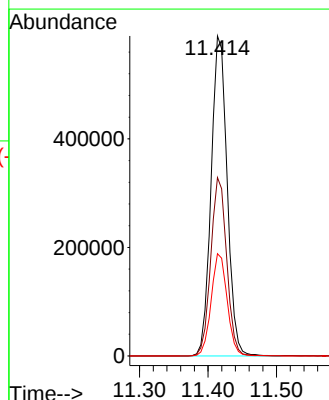
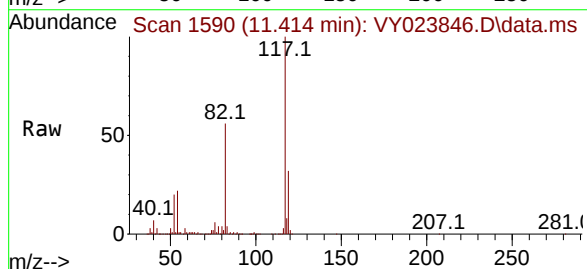
Tgt Ion: 117 Resp: 961054

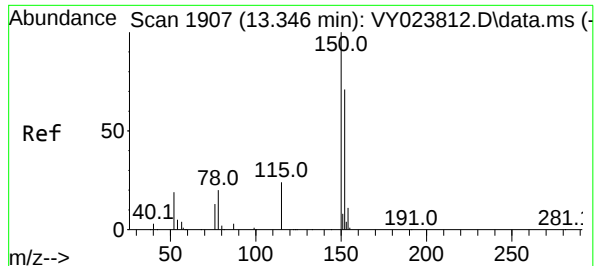
Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

119 32.0 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: VY023846.D

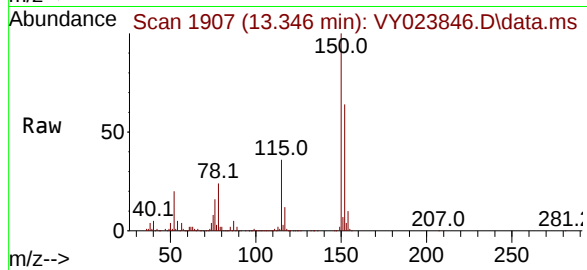
Acq: 01 Dec 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-9



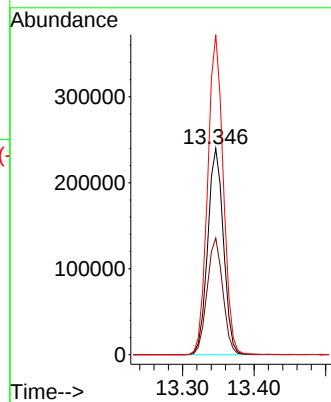
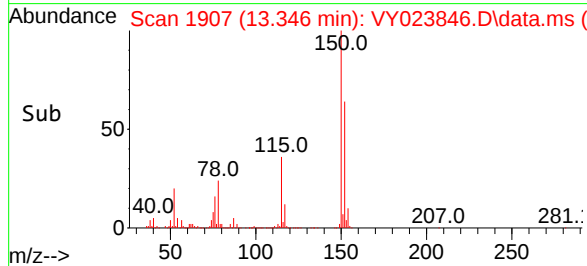
Tgt Ion:152 Resp: 366679

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.3

150 153.9 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023846.D
Acq On : 01 Dec 2025 16:20
Operator : SY/MD
Sample : Q3742-04
Misc : 2.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-9

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: VY023846.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	345	354	365	rBV2	16437	47192	1.34%	0.264%
2	4.622	467	476	487	rBV2	16673	55205	1.57%	0.309%
3	6.890	838	848	859	rBV2	43214	136526	3.88%	0.764%
4	7.640	958	971	976	rBV	486775	1173298	33.35%	6.567%
5	7.713	976	983	1002	rVB	791716	1846300	52.48%	10.334%
6	8.061	1026	1040	1055	rBV	450258	1089295	30.96%	6.097%
7	8.616	1122	1131	1144	rBV	1335910	2590334	73.63%	14.498%
8	10.109	1367	1376	1383	rBV	2095164	3518021	100.00%	19.690%
9	10.170	1383	1386	1399	rVB	22110	47432	1.35%	0.265%
10	10.512	1435	1442	1449	rBV	67478	126168	3.59%	0.706%
11	10.877	1496	1502	1511	rBV2	54205	95809	2.72%	0.536%
12	11.414	1581	1590	1602	rBV	1800395	2933112	83.37%	16.417%
13	12.408	1745	1753	1761	rBV	1265764	2015047	57.28%	11.278%
14	13.346	1897	1907	1922	rBV	1415311	2192949	62.33%	12.274%

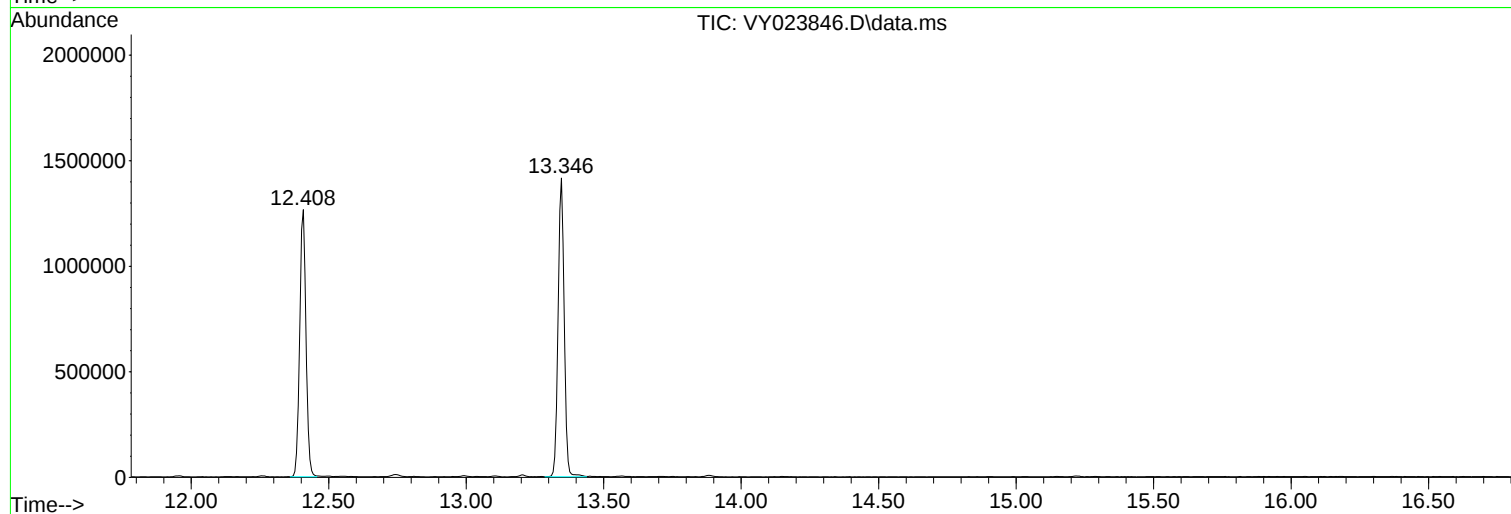
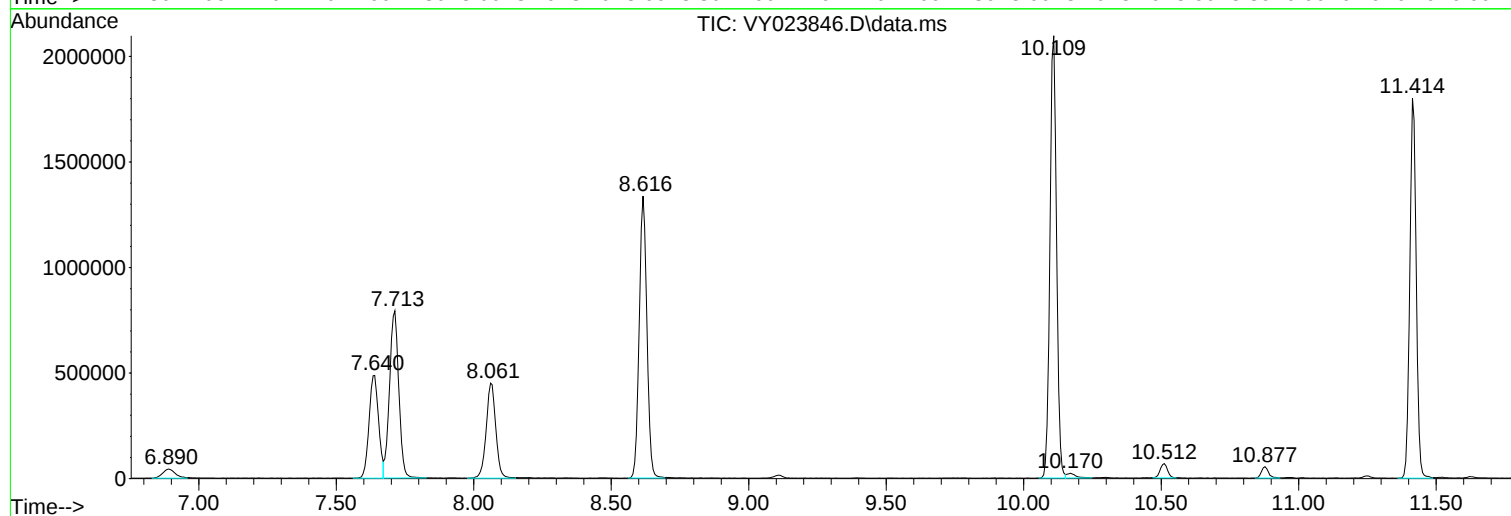
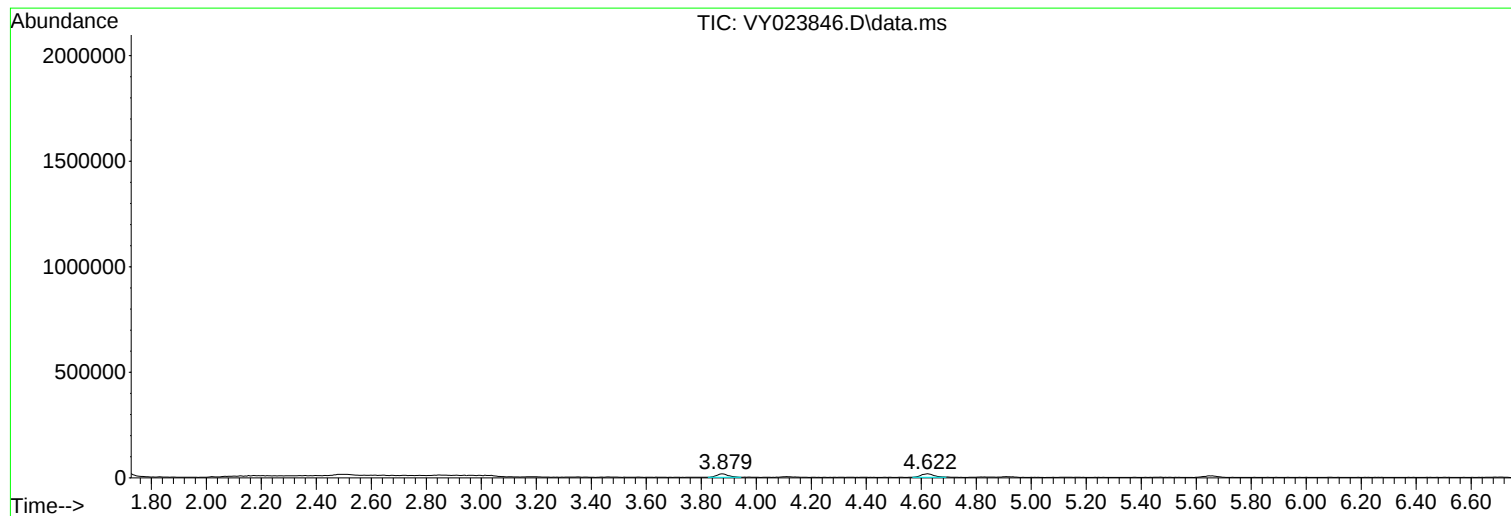
Sum of corrected areas: 17866688

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023846.D
Acq On : 01 Dec 2025 16:20
Operator : SY/MD
Sample : Q3742-04
Misc : 2.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-9

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 : VY023846.D
Acq On : 01 Dec 2025 16:20
Operator : SY/MD
Sample : Q3742-04
Misc : 2.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-9

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

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
Data File : VY023846.D
Acq On : 01 Dec 2025 16:20
Operator : SY/MD
Sample : Q3742-04
Misc : 2.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-9

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023853.D
Acq On : 02 Dec 2025 12:08
Operator : SY/MD
Sample : Q3742-05
Misc : 2.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-21

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Quant Time: Dec 03 01:02:01 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	7.720	168	665144	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	1217438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	982717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	346373	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	391791	60.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.980%
35) Dibromofluoromethane	7.640	113	393337	54.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.115	98	1426882	49.811	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.408	95	371558	39.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.840%

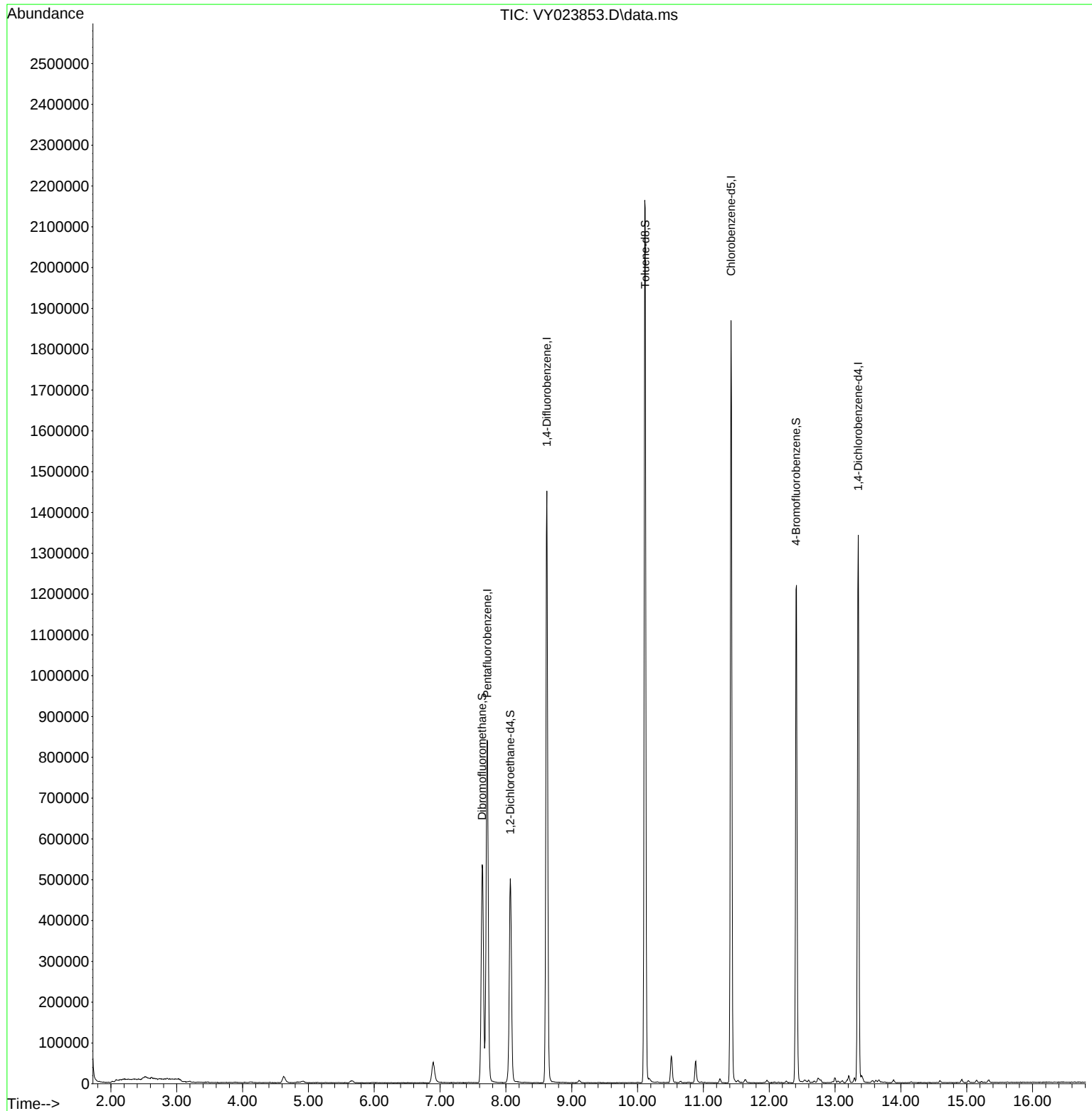
Target Compounds	Qvalue

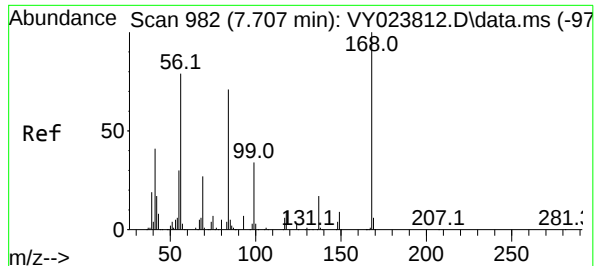
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023853.D
Acq On : 02 Dec 2025 12:08
Operator : SY/MD
Sample : Q3742-05
Misc : 2.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-21

Quant Time: Dec 03 01:02:01 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

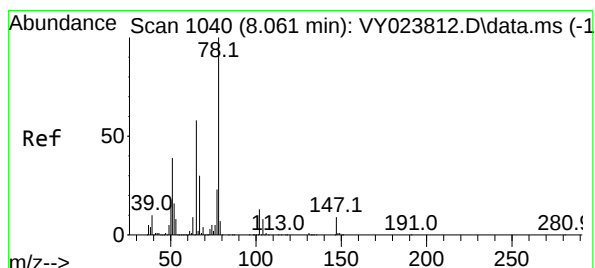
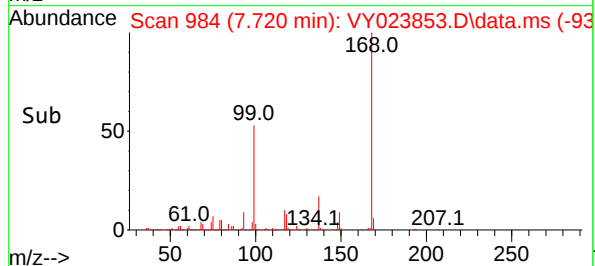
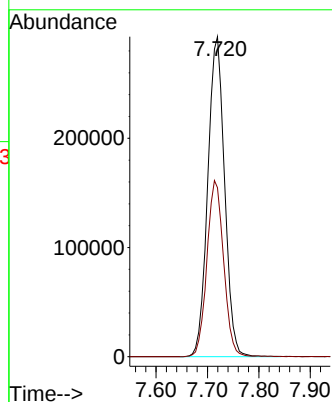
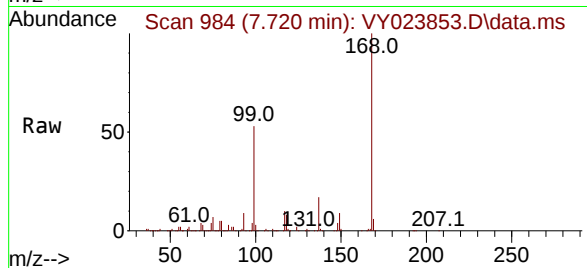




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.013 min
Lab File: VY023853.D
Acq: 02 Dec 2025 12:08

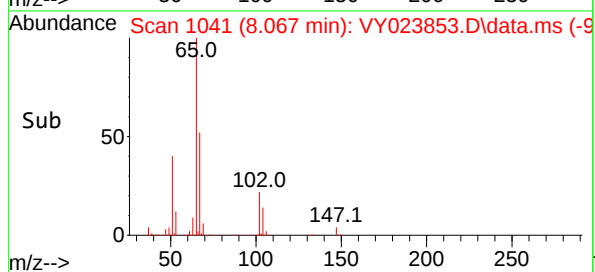
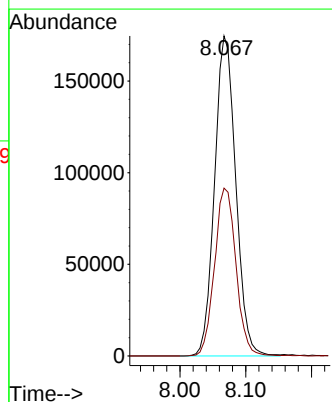
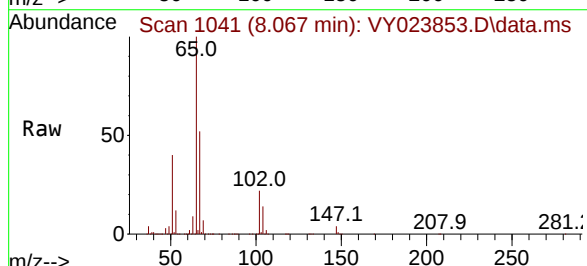
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-21

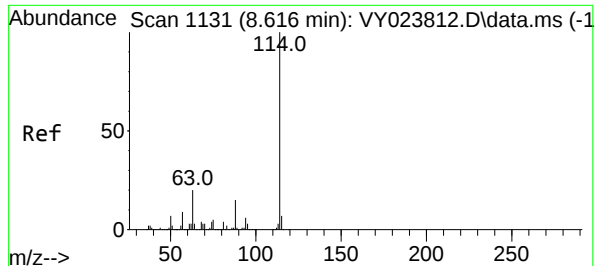
Tgt Ion:168 Resp: 665144
Ion Ratio Lower Upper
168 100
99 52.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 60.485 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023853.D
Acq: 02 Dec 2025 12:08

Tgt Ion: 65 Resp: 391791
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: VY023853.D

Acq: 02 Dec 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-21

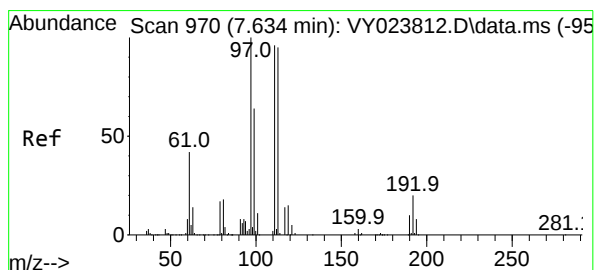
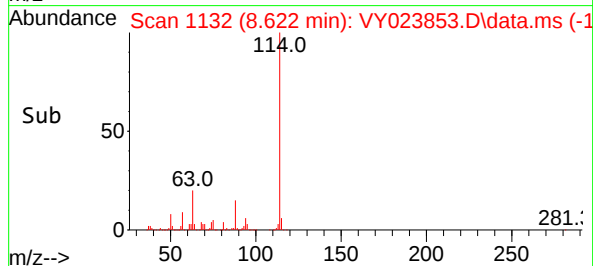
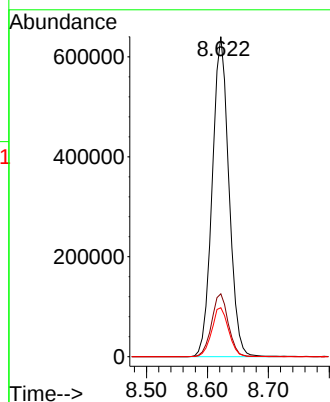
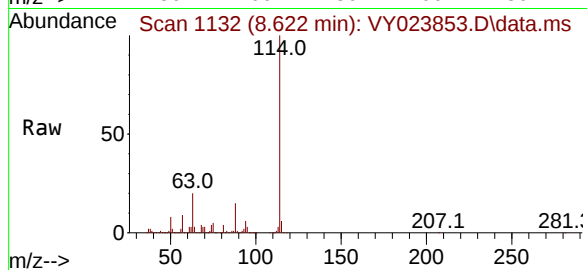
Tgt Ion:114 Resp: 1217438

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.539 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023853.D

Acq: 02 Dec 2025 12:08

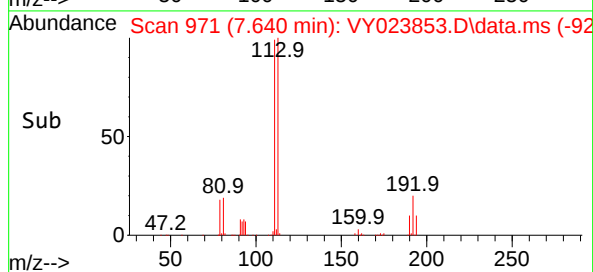
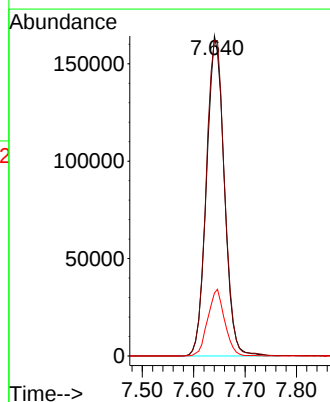
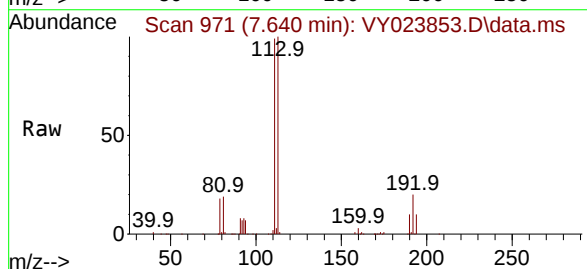
Tgt Ion:113 Resp: 393337

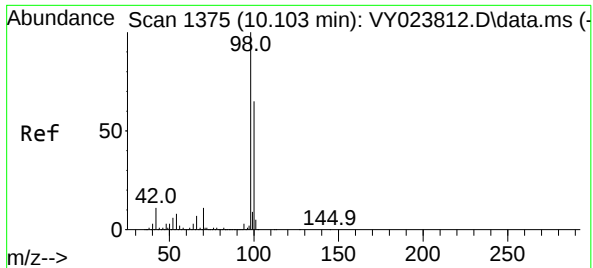
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.9 15.8 23.8

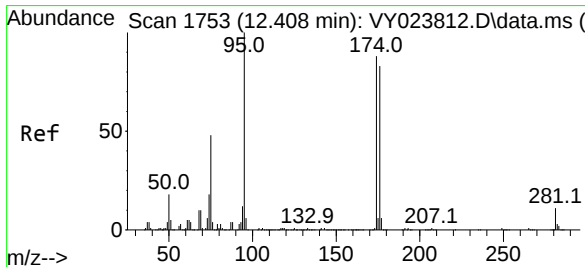
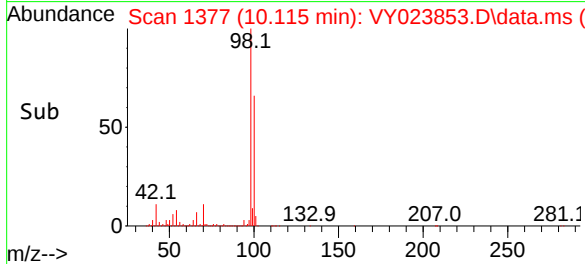
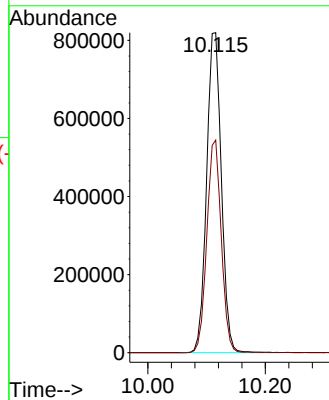
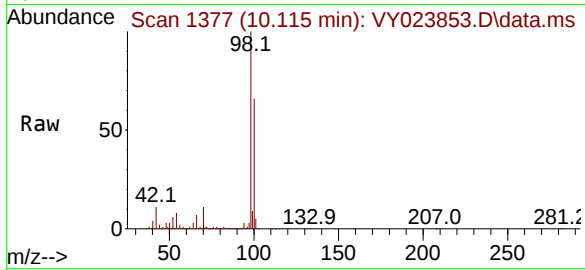




#50
Toluene-d8
Concen: 49.811 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023853.D
Acq: 02 Dec 2025 12:08

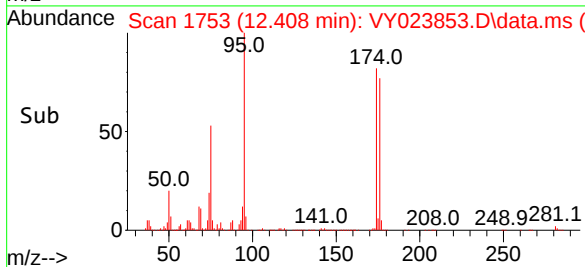
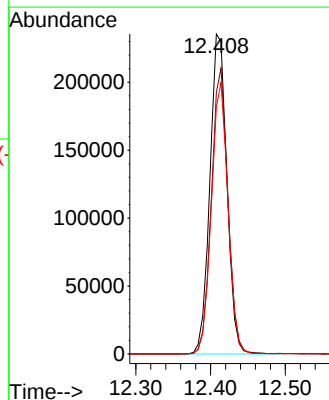
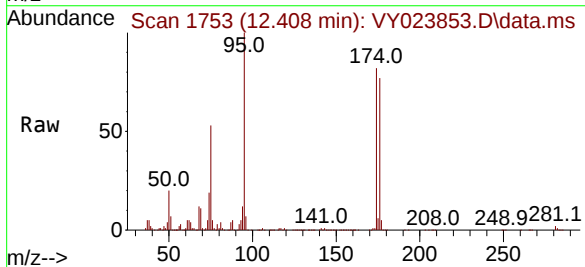
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-21

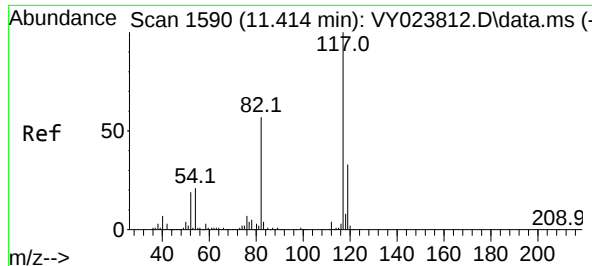
Tgt Ion: 98 Resp: 1426882
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.421 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023853.D
Acq: 02 Dec 2025 12:08

Tgt Ion: 95 Resp: 371558
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.6
176 83.1 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: VY023853.D

Acq: 02 Dec 2025 12:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-21

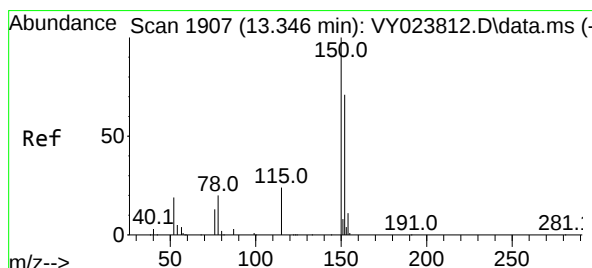
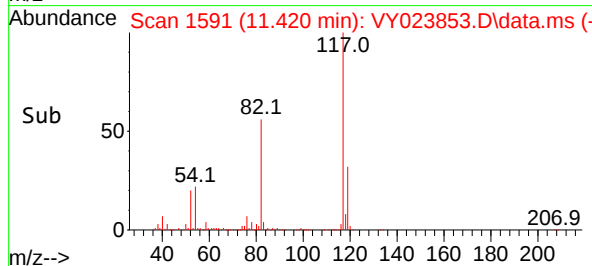
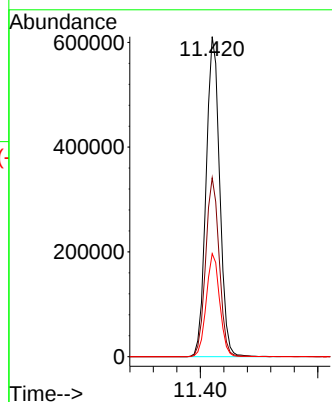
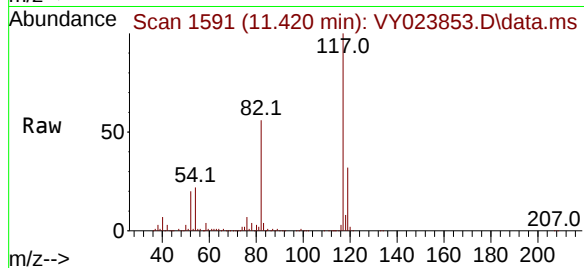
Tgt Ion:117 Resp: 982717

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 32.2 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023853.D

Acq: 02 Dec 2025 12:08

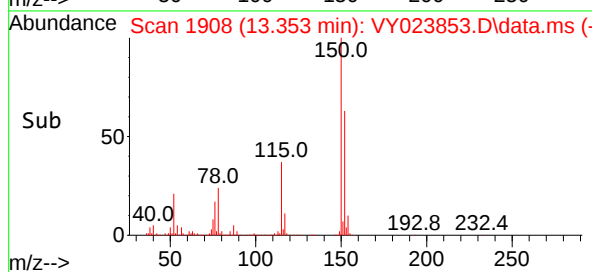
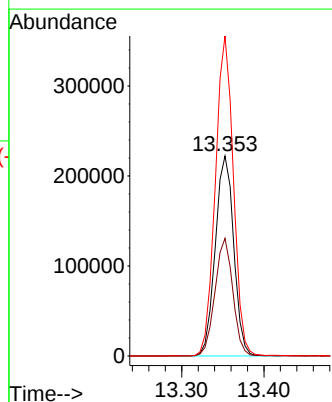
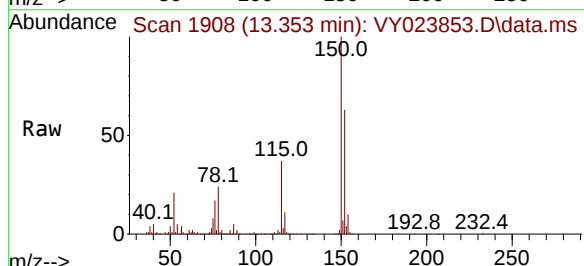
Tgt Ion:152 Resp: 346373

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.3

150 156.6 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023853.D
 Acq On : 02 Dec 2025 12:08
 Operator : SY/MD
 Sample : Q3742-05
 Misc : 2.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-21

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Title : SW846 8260

Signal : TIC: VY023853.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.623	467	476	485	rBV6	15607	49424	1.31%	0.268%
2	6.896	837	849	866	rBV2	50707	164556	4.38%	0.891%
3	7.640	960	971	977	rBV	534554	1292310	34.36%	6.996%
4	7.713	977	983	996	rVB	837259	1936382	51.49%	10.483%
5	8.067	1029	1041	1054	rBV	499337	1168209	31.06%	6.324%
6	8.622	1123	1132	1145	rBV	1449898	2798871	74.42%	15.152%
7	10.109	1366	1376	1385	rBV	2163110	3760907	100.00%	20.360%
8	10.512	1436	1442	1451	rBV	64805	124008	3.30%	0.671%
9	10.884	1496	1503	1513	rBV	52285	92955	2.47%	0.503%
10	11.420	1582	1591	1604	rBV	1867911	3009281	80.01%	16.291%
11	12.414	1744	1754	1764	rBV	1219531	2004393	53.30%	10.851%
12	13.353	1901	1908	1915	rBV	1337868	2071103	55.07%	11.212%

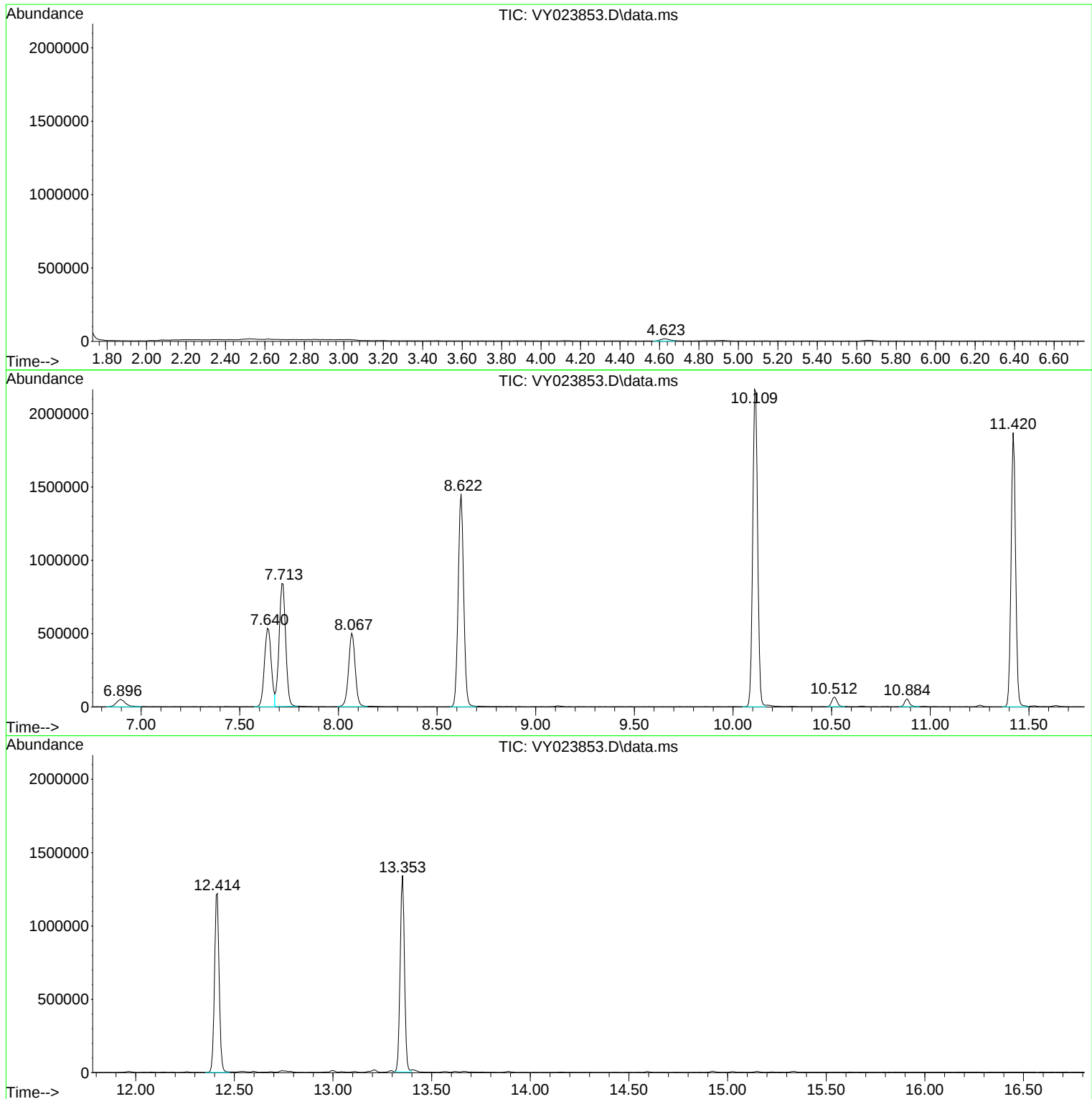
Sum of corrected areas: 18472399

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023853.D
Acq On : 02 Dec 2025 12:08
Operator : SY/MD
Sample : Q3742-05
Misc : 2.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-21

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\VY120225\
Data File : VY023853.D
Acq On : 02 Dec 2025 12:08
Operator : SY/MD
Sample : Q3742-05
Misc : 2.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-21

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

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023853.D
Acq On : 02 Dec 2025 12:08
Operator : SY/MD
Sample : Q3742-05
Misc : 2.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-21

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023859.D
 Acq On : 02 Dec 2025 14:29
 Operator : SY/MD
 Sample : Q3742-06
 Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-13

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Quant Time: Dec 03 01:04:18 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	636410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1167519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	987282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	379120	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	361522	58.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.660%	
35) Dibromofluoromethane	7.640	113	366141	52.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.109	98	1385526	50.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.408	95	384883	42.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.160%	

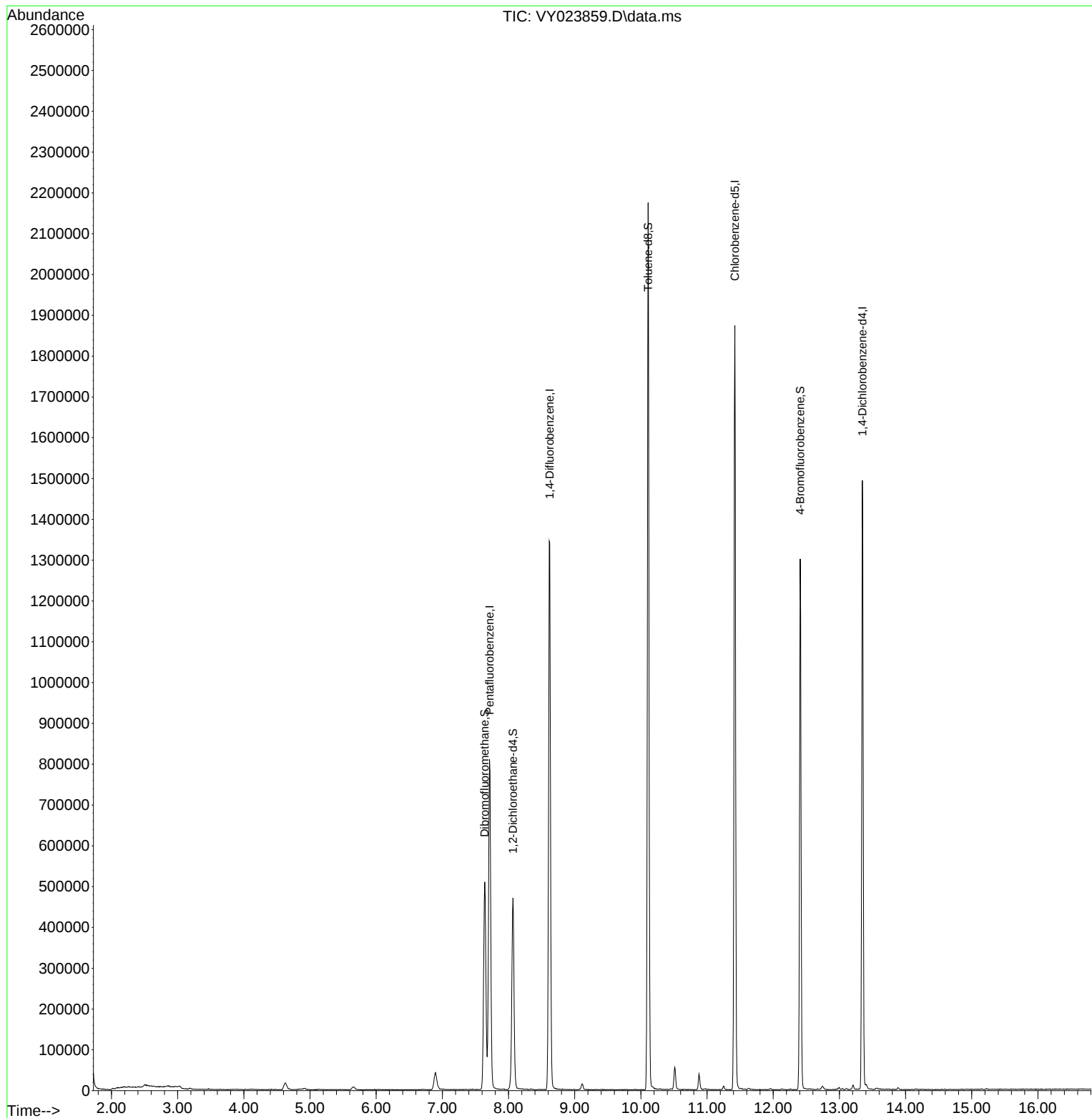
Target Compounds Qvalue

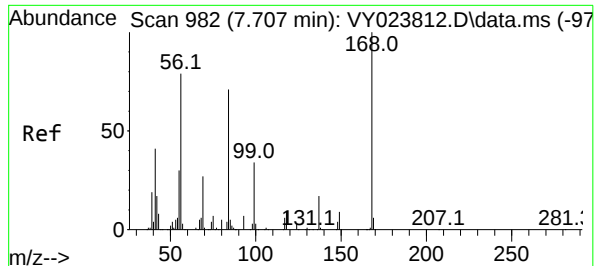
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023859.D
Acq On : 02 Dec 2025 14:29
Operator : SY/MD
Sample : Q3742-06
Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

Quant Time: Dec 03 01:04:18 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

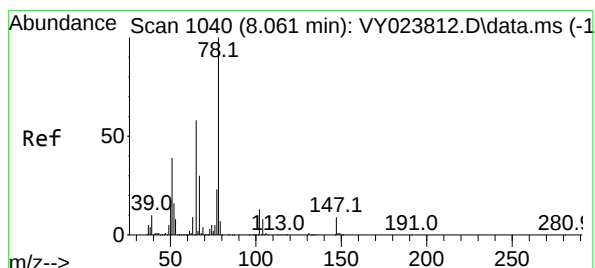
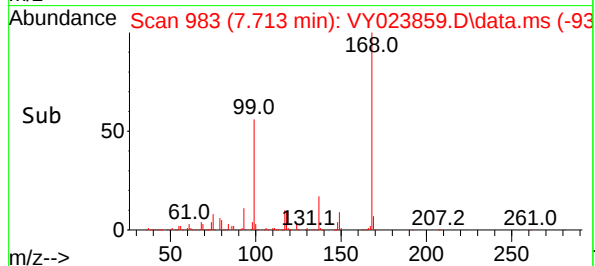
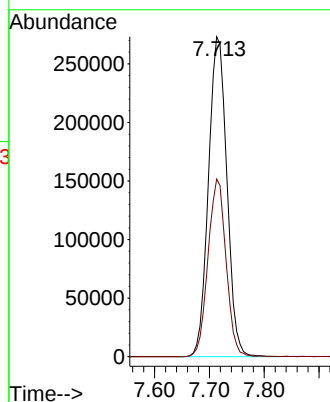
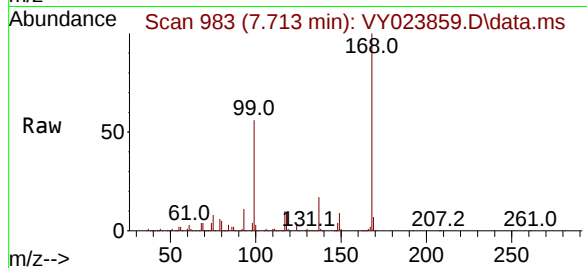




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023859.D
Acq: 02 Dec 2025 14:29

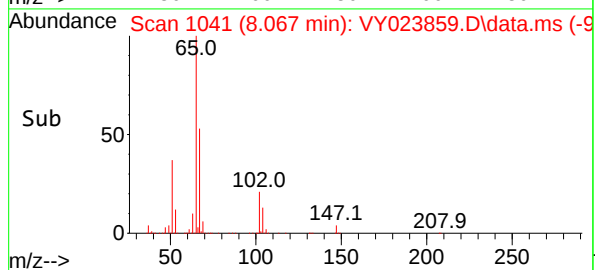
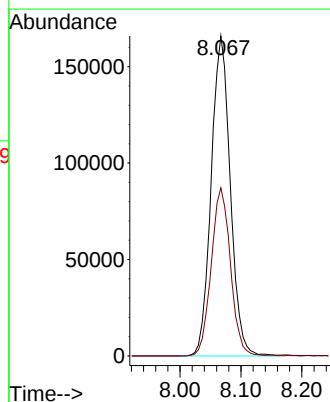
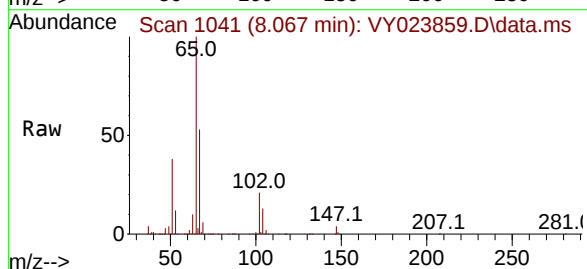
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

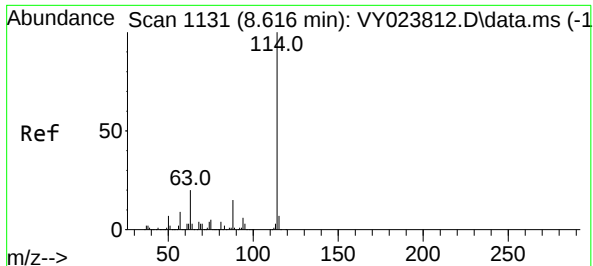
Tgt Ion:168 Resp: 636410
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.332 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023859.D
Acq: 02 Dec 2025 14:29

Tgt Ion: 65 Resp: 361522
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: VY023859.D

Acq: 02 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-13

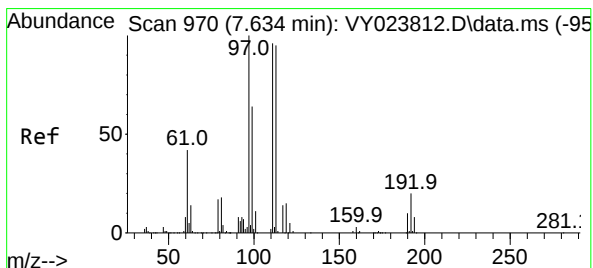
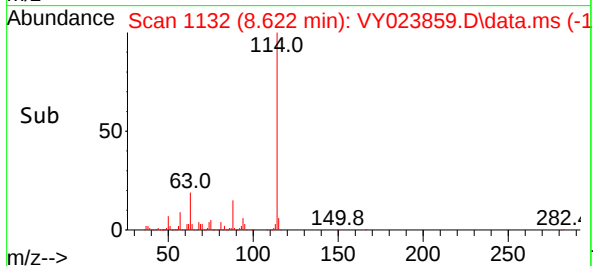
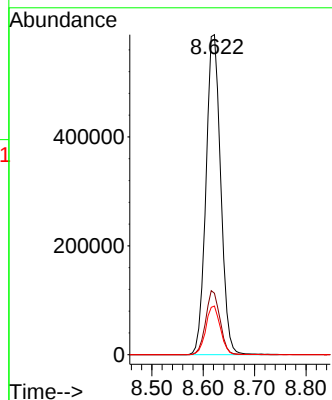
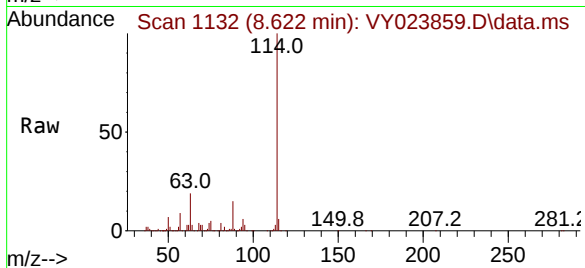
Tgt Ion:114 Resp: 1167519

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.939 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023859.D

Acq: 02 Dec 2025 14:29

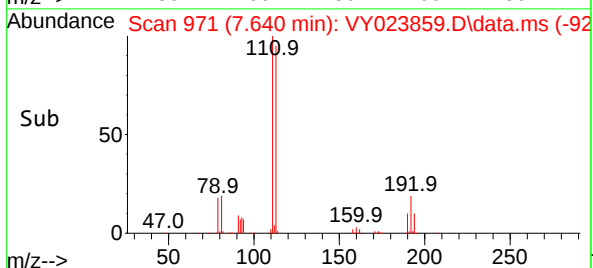
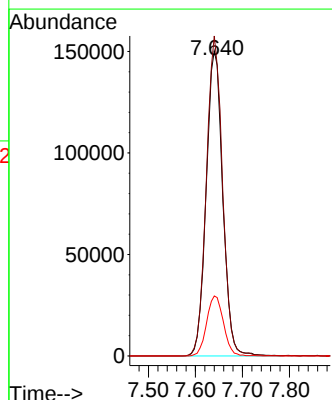
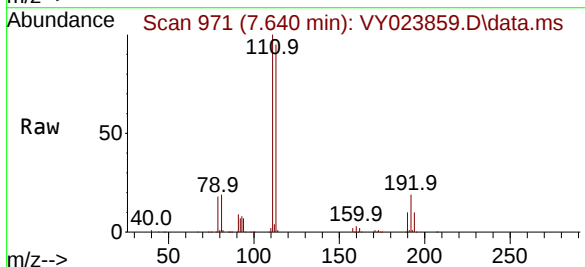
Tgt Ion:113 Resp: 366141

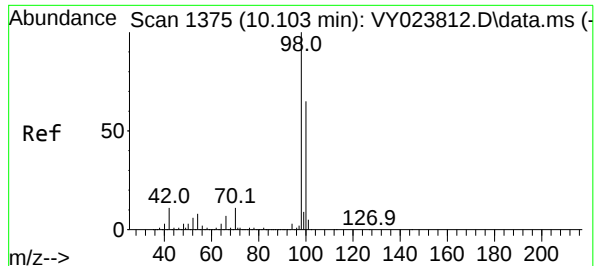
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 20.1 15.8 23.8





#50

Toluene-d8

Concen: 50.435 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY023859.D

Acq: 02 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

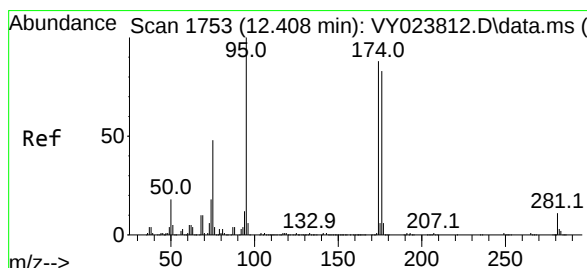
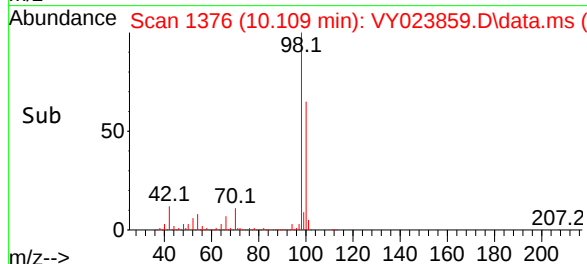
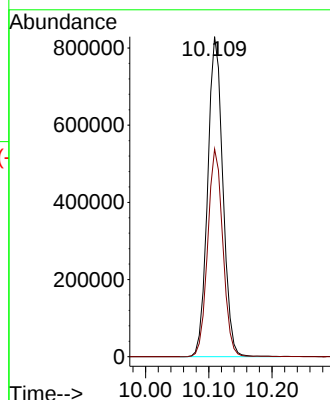
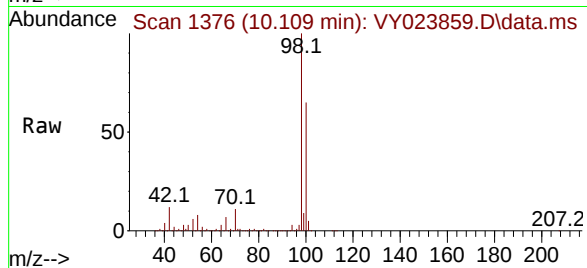
SB-1125-13

Tgt Ion: 98 Resp: 1385526

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.580 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY023859.D

Acq: 02 Dec 2025 14:29

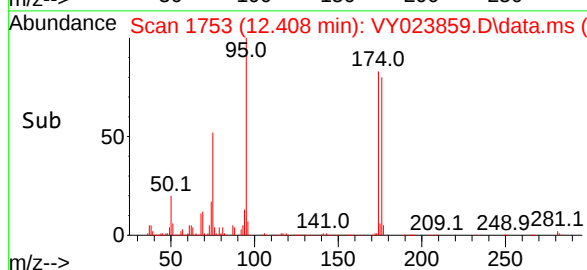
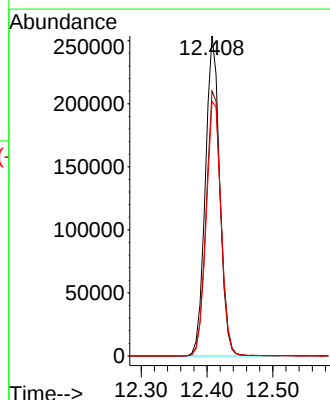
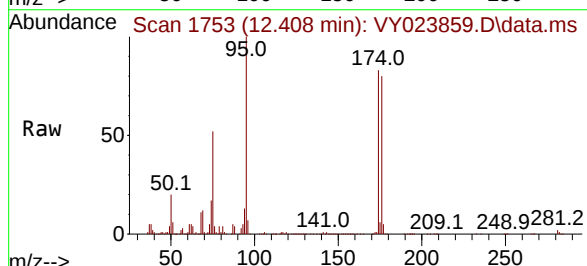
Tgt Ion: 95 Resp: 384883

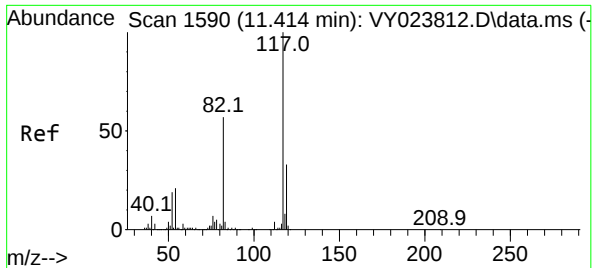
Ion Ratio Lower Upper

95 100

174 85.4 0.0 168.6

176 82.3 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: VY023859.D

Acq: 02 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-13

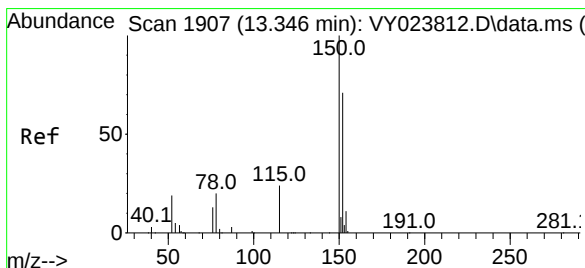
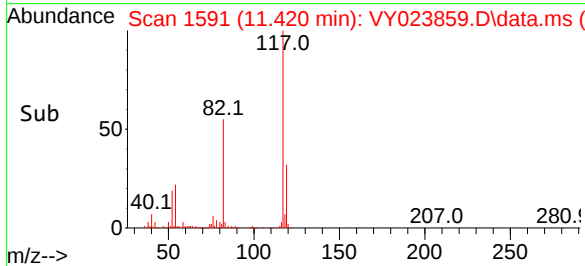
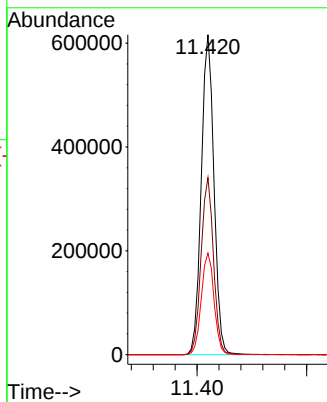
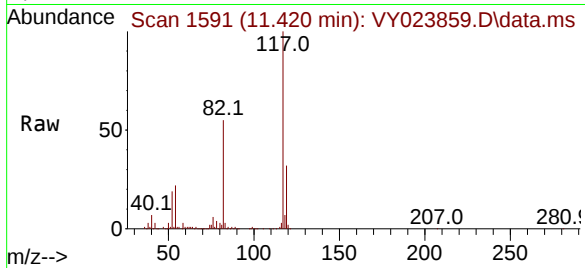
Tgt Ion:117 Resp: 987282

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 31.8 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: VY023859.D

Acq: 02 Dec 2025 14:29

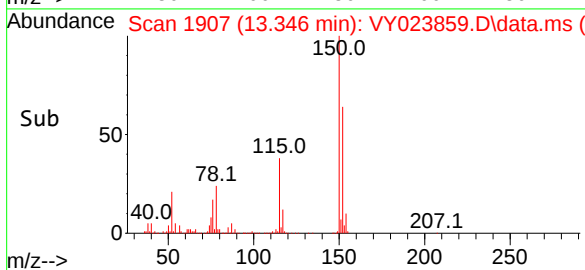
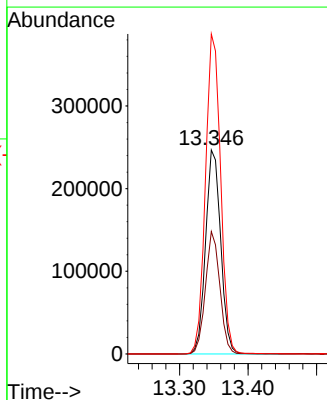
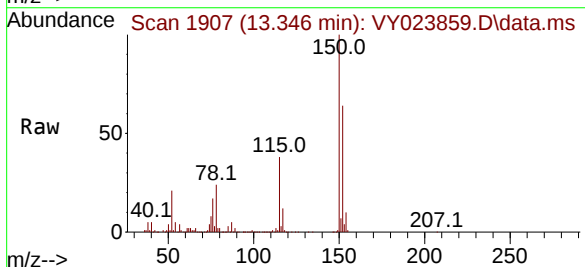
Tgt Ion:152 Resp: 379120

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 156.9 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023859.D
Acq On : 02 Dec 2025 14:29
Operator : SY/MD
Sample : Q3742-06
Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

A
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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: VY023859.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.628	468	477	485	rBV	16735	55305	1.52%	0.305%
2	6.896	838	849	861	rBV	42193	133741	3.67%	0.736%
3	7.640	959	971	977	rBV	508800	1220550	33.49%	6.721%
4	7.713	977	983	995	rVB	806124	1852084	50.82%	10.199%
5	8.067	1028	1041	1051	rBV	469669	1093330	30.00%	6.021%
6	8.616	1121	1131	1146	rBV	1344152	2676074	73.44%	14.736%
7	10.109	1368	1376	1386	rBV	2174126	3644094	100.00%	20.067%
8	10.512	1436	1442	1457	rVB	54541	105288	2.89%	0.580%
9	10.877	1494	1502	1510	rBV	38141	64378	1.77%	0.355%
10	11.420	1583	1591	1603	rBV	1872871	3000814	82.35%	16.524%
11	12.408	1745	1753	1769	rBV	1300603	2048202	56.21%	11.279%
12	13.346	1900	1907	1915	rBV	1491496	2265930	62.18%	12.478%

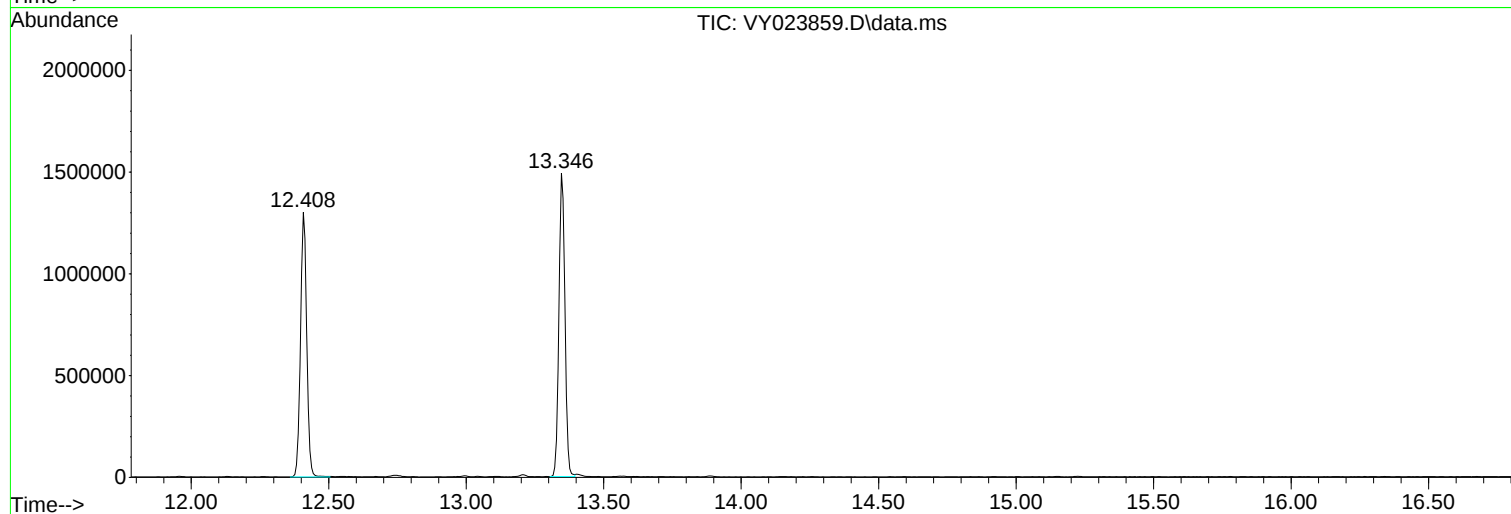
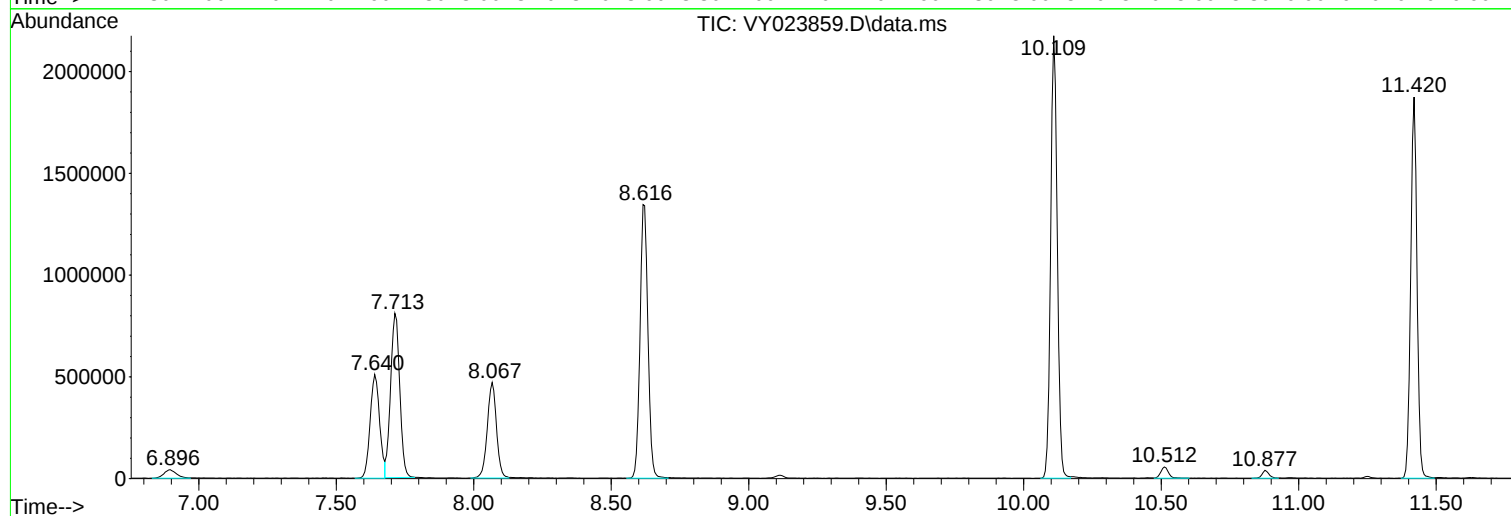
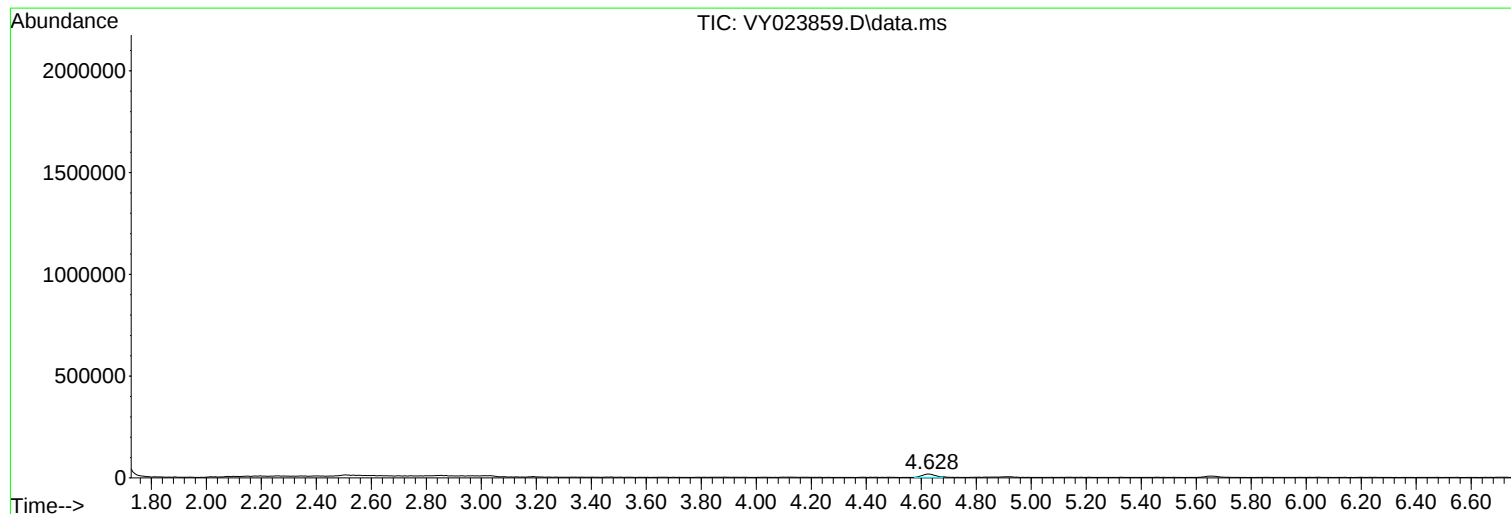
Sum of corrected areas: 18159790

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023859.D
Acq On : 02 Dec 2025 14:29
Operator : SY/MD
Sample : Q3742-06
Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

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\VY120225\
Data File : VY023859.D
Acq On : 02 Dec 2025 14:29
Operator : SY/MD
Sample : Q3742-06
Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

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

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

No Library Search Compounds Detected

A
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J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023859.D
Acq On : 02 Dec 2025 14:29
Operator : SY/MD
Sample : Q3742-06
Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

A

B

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D

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F

G

H

I

J

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023894.D
Acq On : 04 Dec 2025 15:06
Operator : SY/MD
Sample : Q3742-07
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-18

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Quant Time: Dec 05 01:47:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

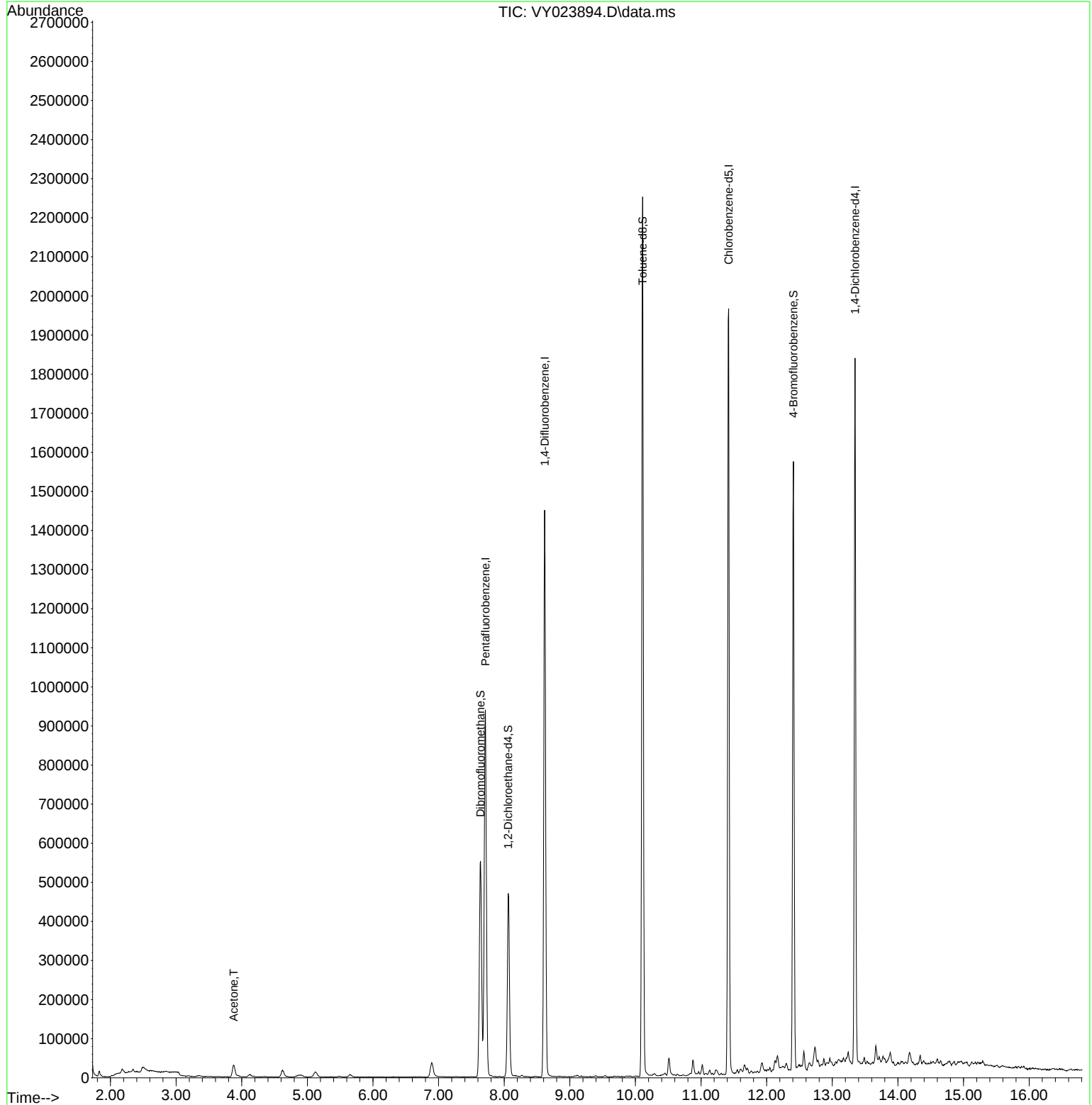
Internal Standards						
1) Pentafluorobenzene	7.713	168	781859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1291434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1105691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	482687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	367481	46.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.960%
35) Dibromofluoromethane	7.640	113	400845	48.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.780%
50) Toluene-d8	10.109	98	1471058	45.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.280%
62) 4-Bromofluorobenzene	12.408	95	459268	41.776	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.560%
Target Compounds						
16) Acetone	3.879	43	56042	23.912	ug/l	Qvalue 95

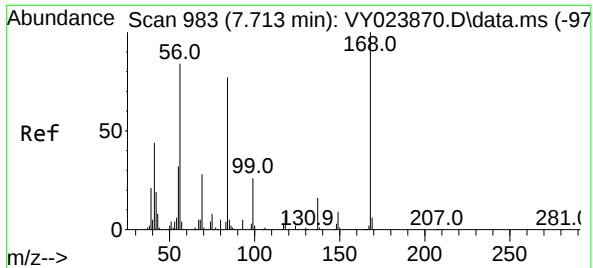
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023894.D
Acq On : 04 Dec 2025 15:06
Operator : SY/MD
Sample : Q3742-07
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-18

Quant Time: Dec 05 01:47:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

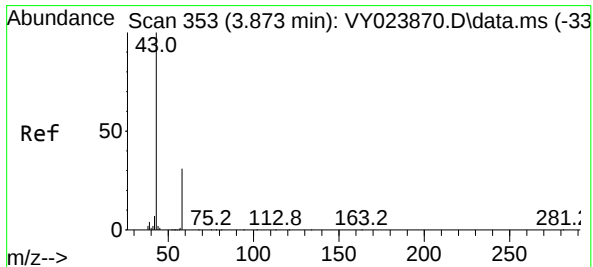
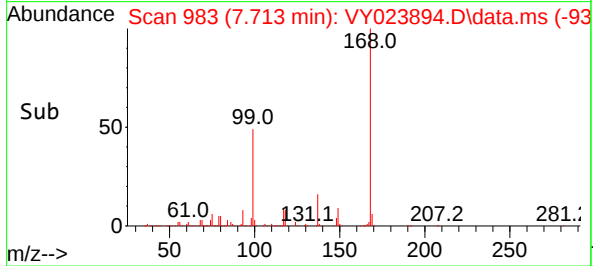
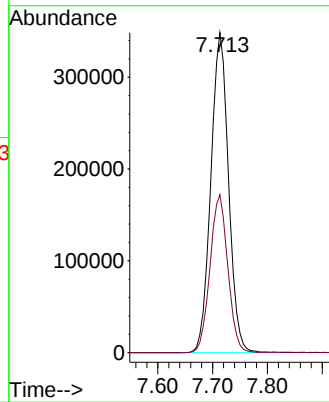
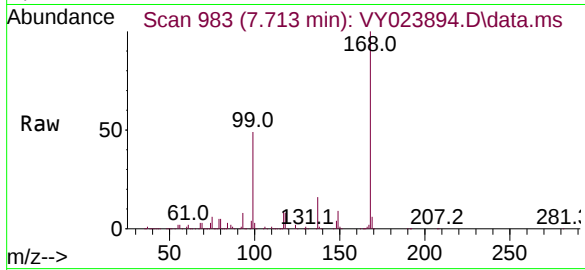




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023894.D
Acq: 04 Dec 2025 15:06

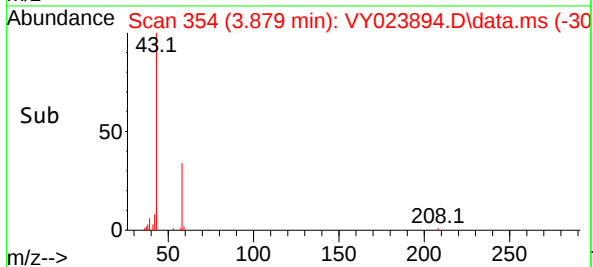
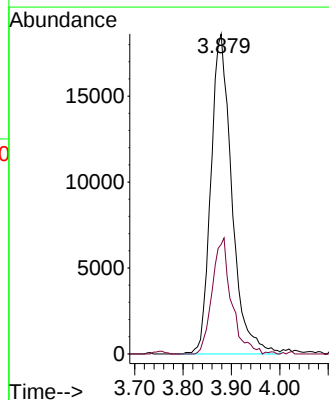
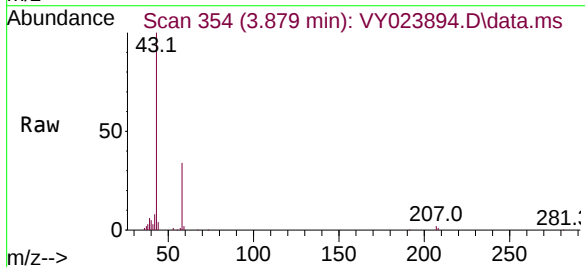
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-18

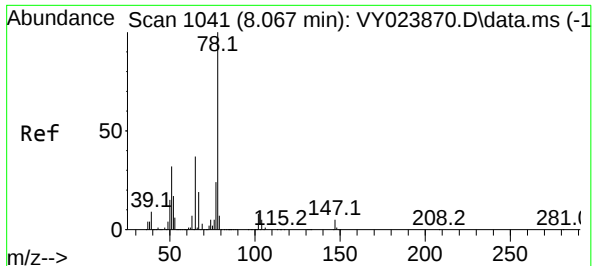
Tgt Ion:168 Resp: 781859
Ion Ratio Lower Upper
168 100
99 49.4 42.5 63.7



#16
Acetone
Concen: 23.912 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023894.D
Acq: 04 Dec 2025 15:06

Tgt Ion: 43 Resp: 56042
Ion Ratio Lower Upper
43 100
58 34.2 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 46.984 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY023894.D

Acq: 04 Dec 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

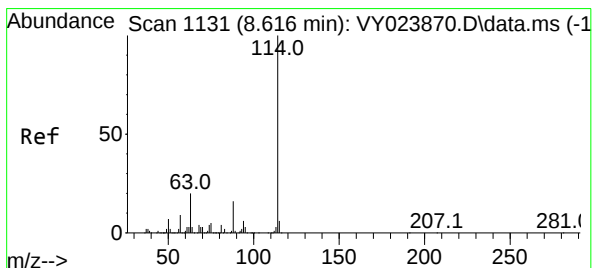
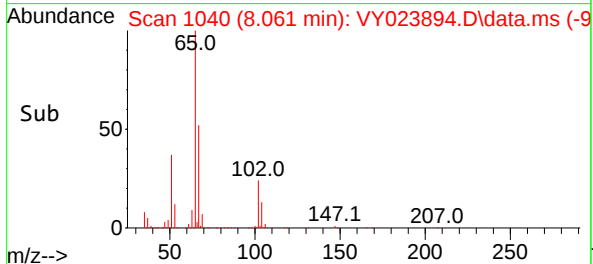
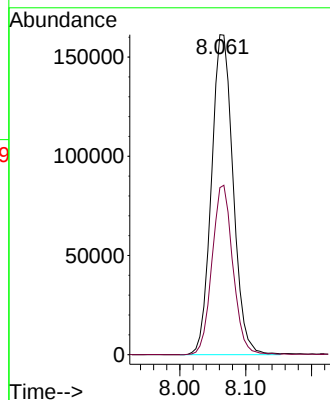
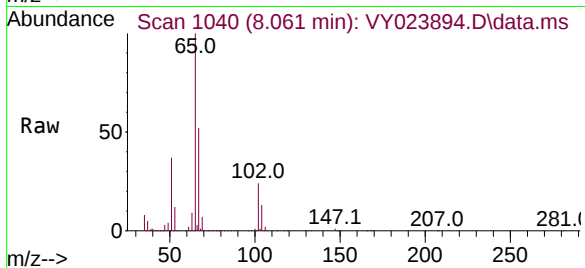
SB-1125-18

Tgt Ion: 65 Resp: 367481

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023894.D

Acq: 04 Dec 2025 15:06

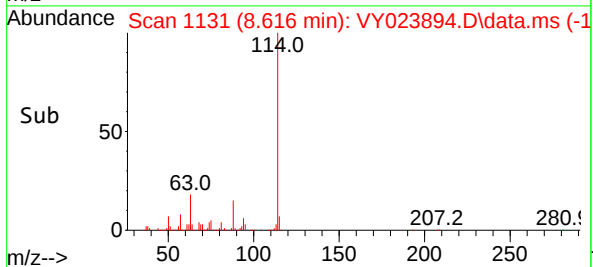
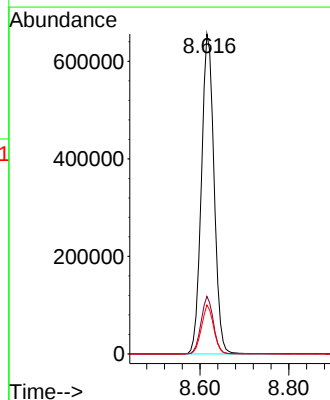
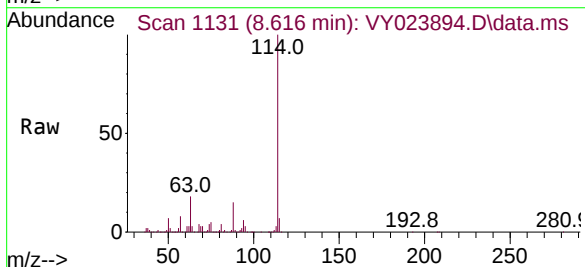
Tgt Ion: 114 Resp: 1291434

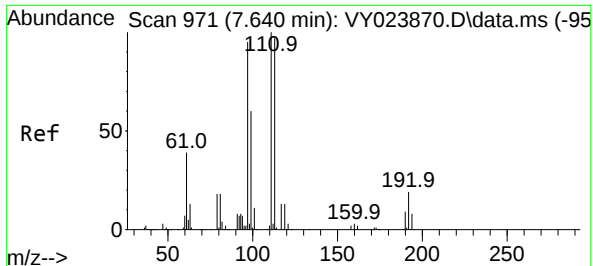
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.2

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.394 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023894.D

Acq: 04 Dec 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-18

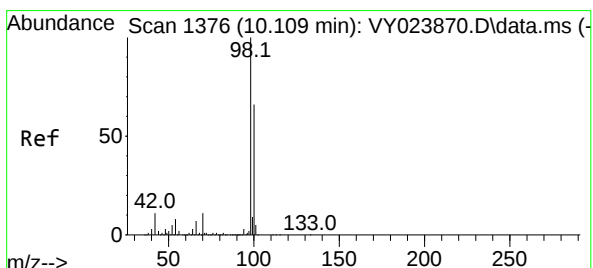
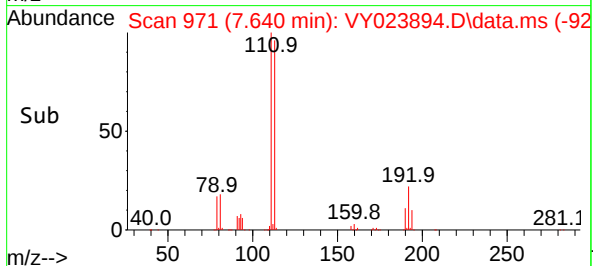
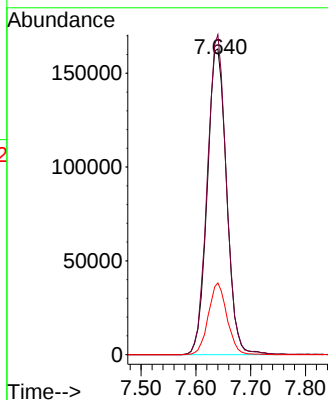
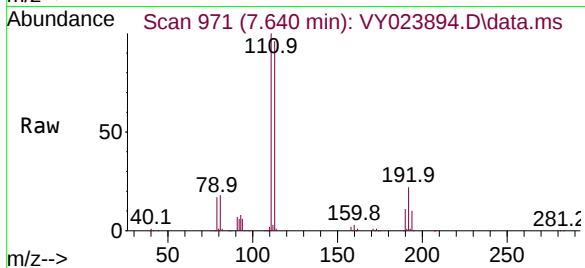
Tgt Ion:113 Resp: 400845

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 22.5 15.8 23.8



#50

Toluene-d8

Concen: 45.640 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023894.D

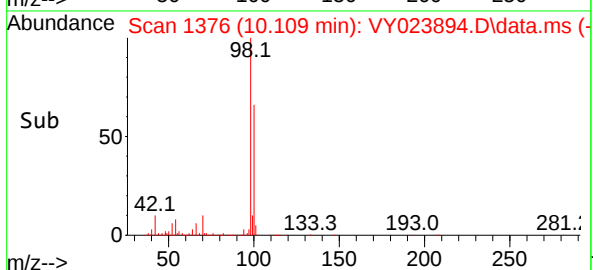
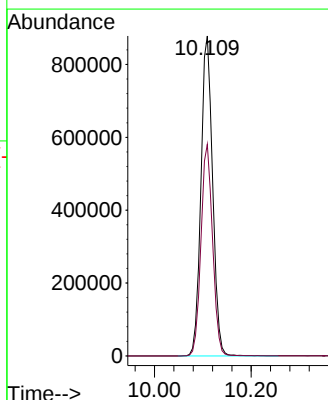
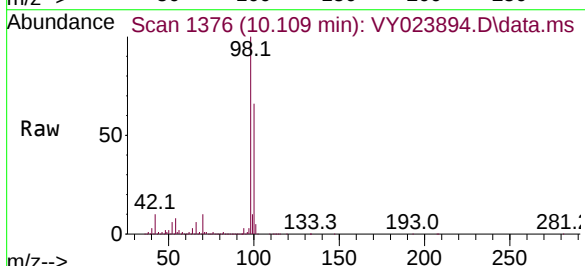
Acq: 04 Dec 2025 15:06

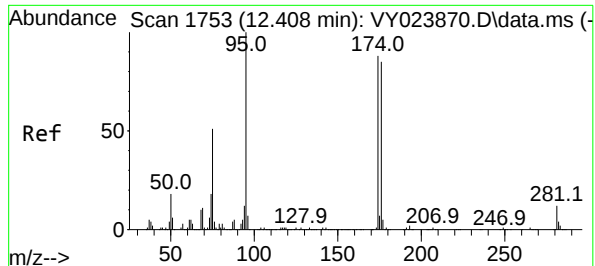
Tgt Ion: 98 Resp: 1471058

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 41.776 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY023894.D

Acq: 04 Dec 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-18

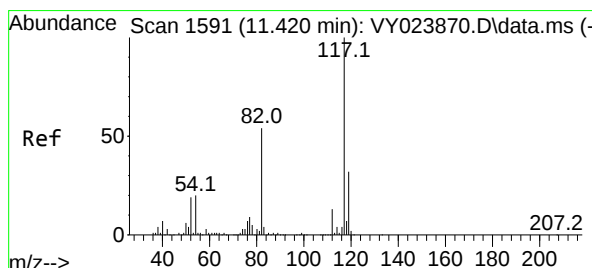
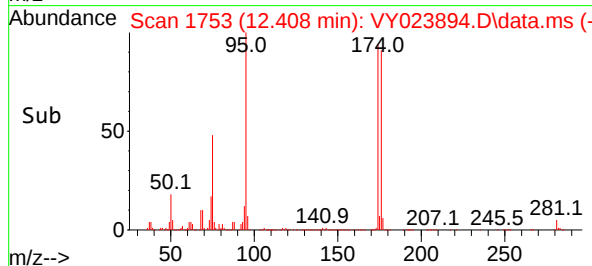
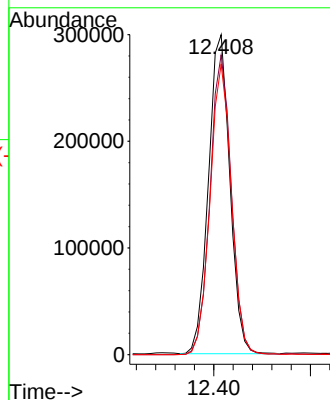
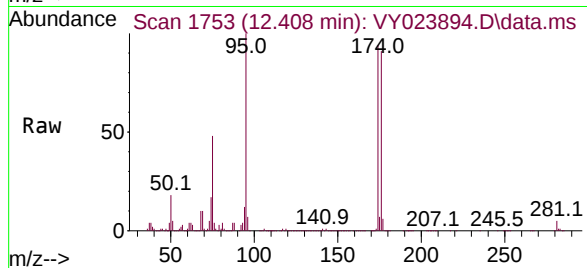
Tgt Ion: 95 Resp: 459268

Ion Ratio Lower Upper

95 100

174 93.5 0.0 169.6

176 91.1 0.0 164.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY023894.D

Acq: 04 Dec 2025 15:06

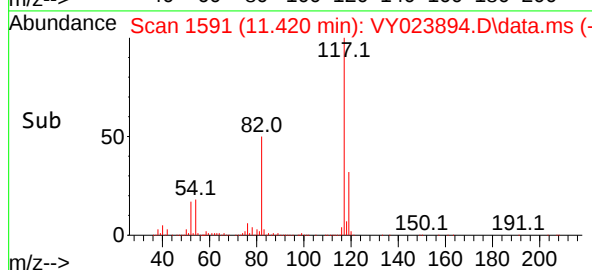
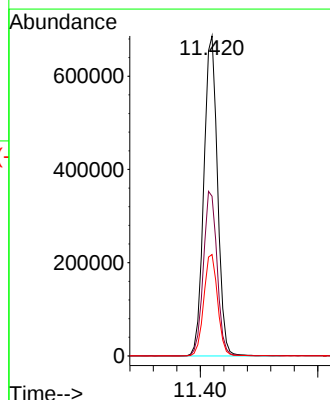
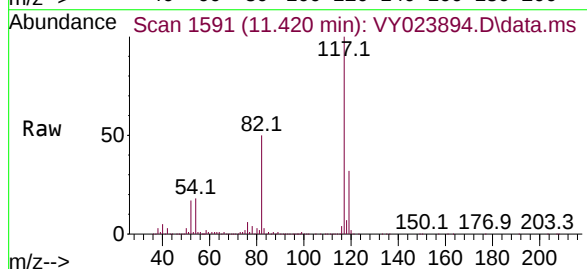
Tgt Ion: 117 Resp: 1105691

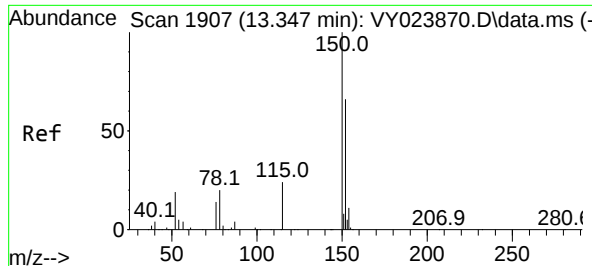
Ion Ratio Lower Upper

117 100

82 49.9 43.1 64.7

119 31.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 19

Delta R.T. -0.000 min

Lab File: VY023894.D

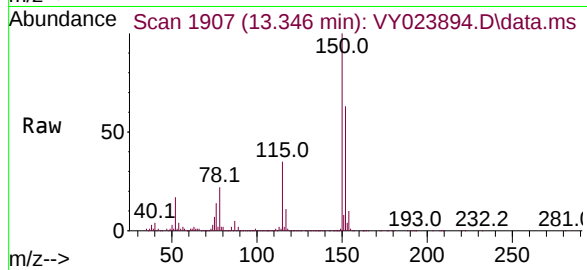
Acq: 04 Dec 2025 15:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-18



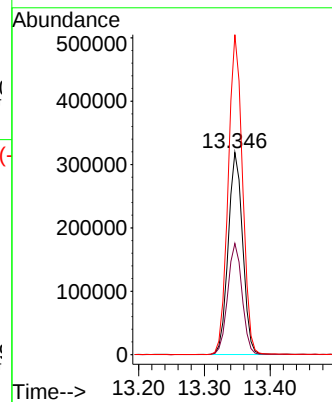
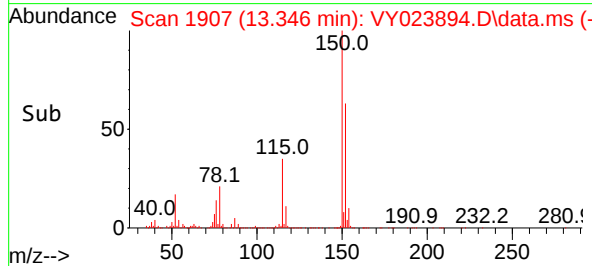
Tgt Ion:152 Resp: 482687

Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.4

150 157.1 0.0 352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023894.D
Acq On : 04 Dec 2025 15:06
Operator : SY/MD
Sample : Q3742-07
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-18

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M

Title : SW846 8260

Signal : TIC: VY023894.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	344	354	365	rBV2	29815	89794	2.35%	0.433%
2	4.622	467	476	486	rBV2	16999	50178	1.31%	0.242%
3	5.122	545	558	576	rVB3	13024	51793	1.36%	0.250%
4	6.896	839	849	863	rBV3	36246	119311	3.13%	0.576%
5	7.640	960	971	976	rBV	551707	1329402	34.84%	6.415%
6	7.713	976	983	995	rVB	936700	2143909	56.18%	10.346%
7	8.061	1030	1040	1052	rBV	468655	1044354	27.37%	5.040%
8	8.616	1122	1131	1146	rBV	1449636	2830635	74.17%	13.659%
9	10.109	1367	1376	1392	rBV	2250658	3816205	100.00%	18.415%
10	10.512	1436	1442	1453	rBV2	43940	91616	2.40%	0.442%
11	10.877	1497	1502	1509	rVB	35083	60950	1.60%	0.294%
12	11.018	1520	1525	1530	rVB3	24824	40955	1.07%	0.198%
13	11.420	1583	1591	1605	rBV	1958942	3229145	84.62%	15.582%
14	11.926	1667	1674	1681	rBV6	25075	64952	1.70%	0.313%
15	12.127	1702	1707	1709	rBV4	24107	40139	1.05%	0.194%
16	12.164	1709	1713	1719	rVB5	31924	63597	1.67%	0.307%
17	12.408	1746	1753	1760	rBV	1557093	2461699	64.51%	11.879%
18	12.566	1775	1779	1787	rVB3	47391	83193	2.18%	0.401%
19	12.658	1787	1794	1799	rBV8	18959	56715	1.49%	0.274%
20	12.737	1800	1807	1813	rBV6	47135	115816	3.03%	0.559%
21	13.243	1883	1890	1900	rVB6	30248	75110	1.97%	0.362%
22	13.346	1900	1907	1915	rBV	1805462	2736846	71.72%	13.207%
23	13.663	1955	1959	1965	rBV4	39267	66274	1.74%	0.320%
24	14.176	2038	2043	2051	rBV9	27049	60401	1.58%	0.291%

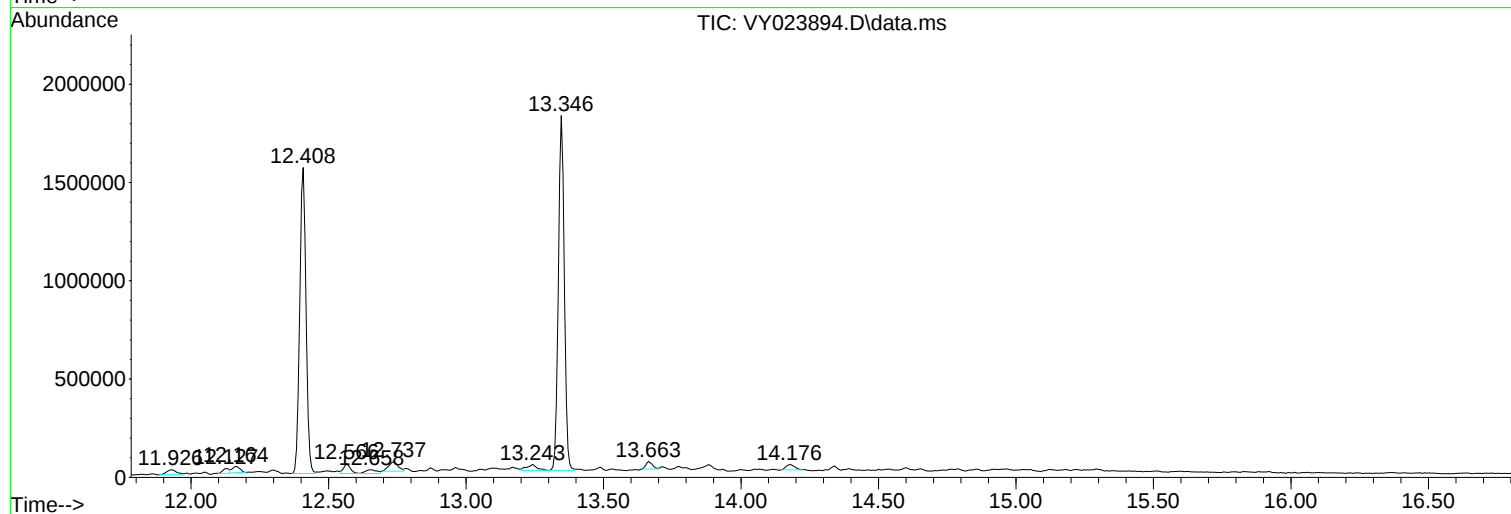
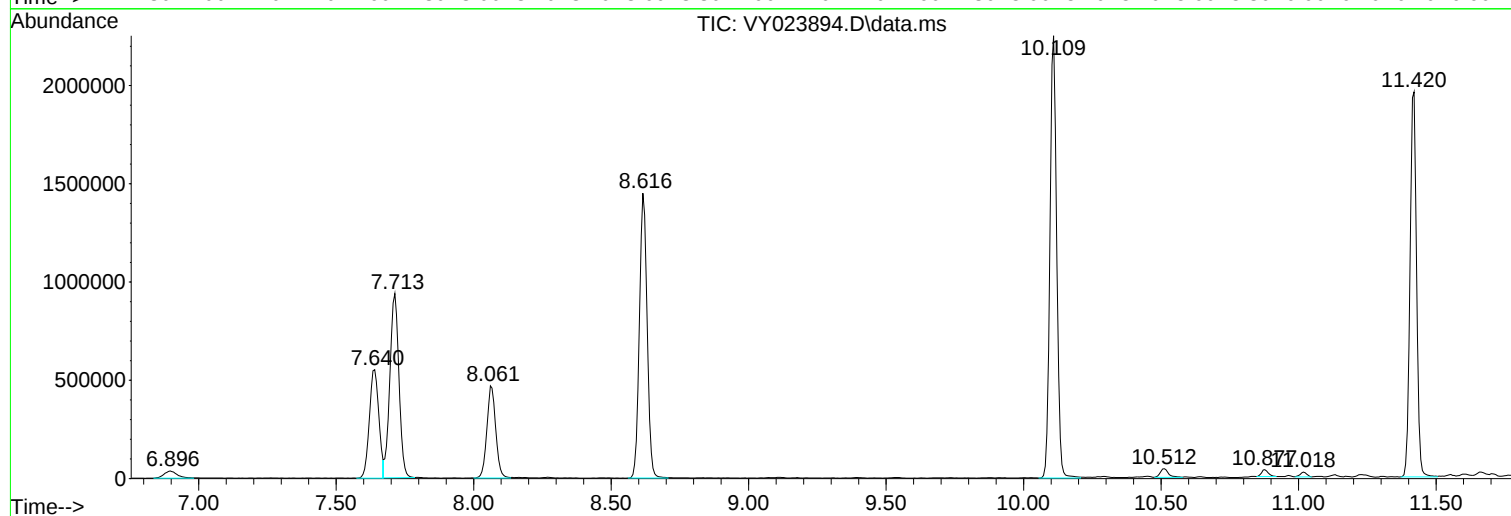
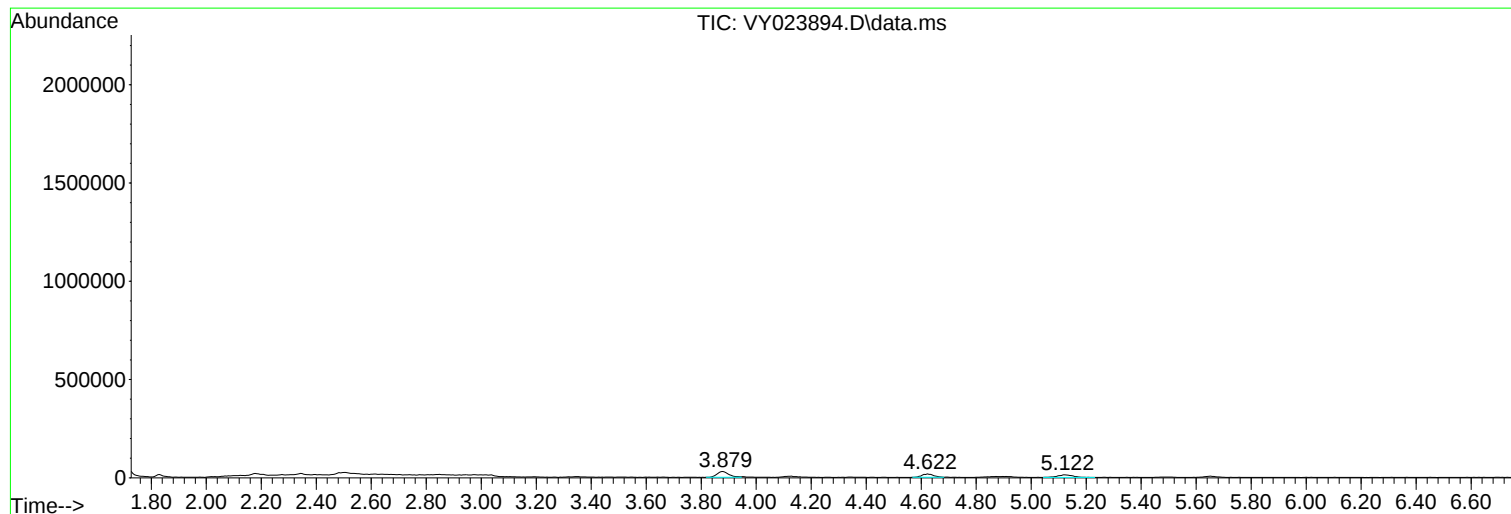
Sum of corrected areas: 20722989

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023894.D
Acq On : 04 Dec 2025 15:06
Operator : SY/MD
Sample : Q3742-07
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023894.D
Acq On : 04 Dec 2025 15:06
Operator : SY/MD
Sample : Q3742-07
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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\VY120425\
Data File : VY023894.D
Acq On : 04 Dec 2025 15:06
Operator : SY/MD
Sample : Q3742-07
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-18

A

B

C

D

E

F

G

H

I

J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023861.D
Acq On : 02 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-08
Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 03 01:05:03 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)

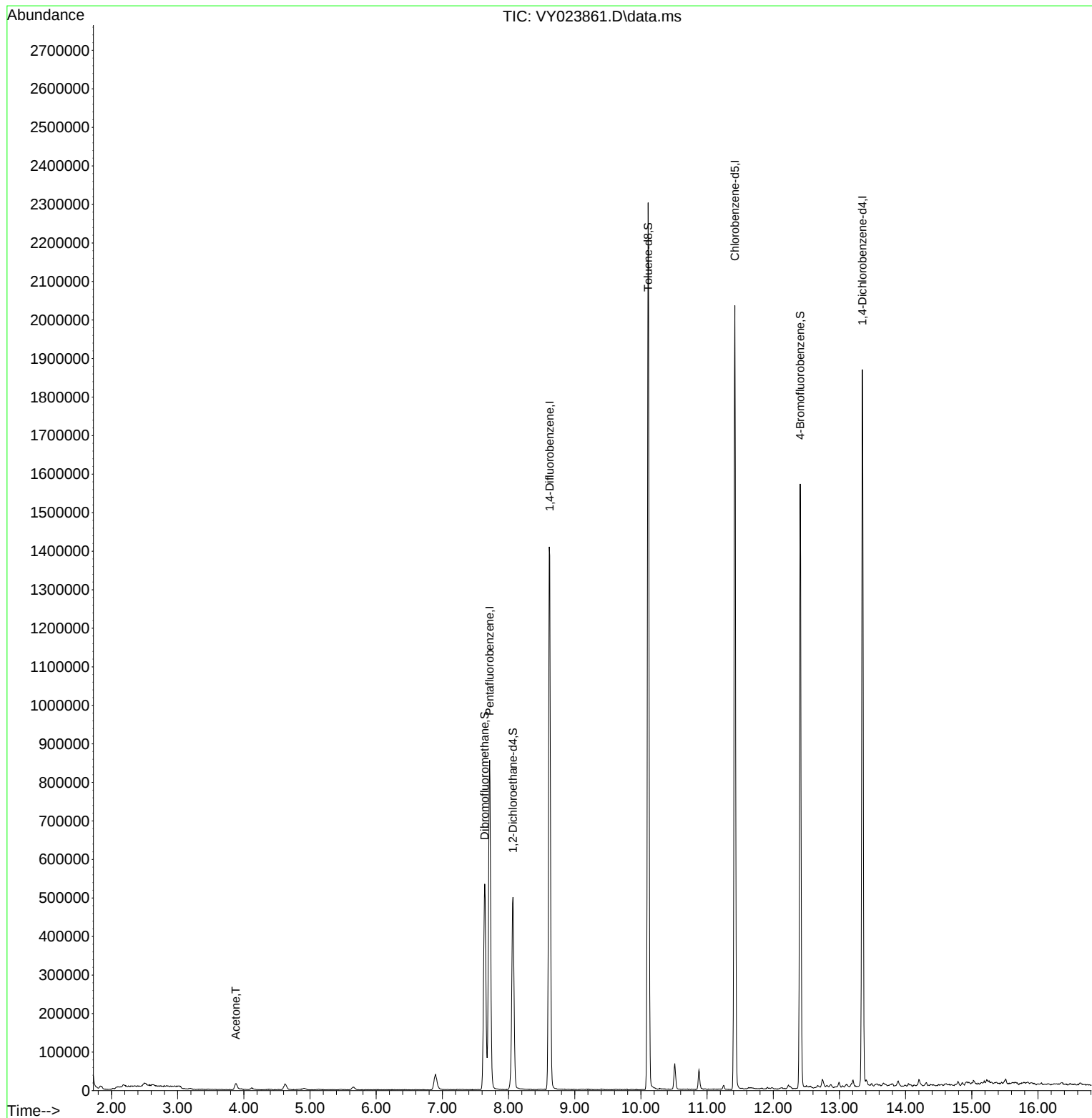
Internal Standards						
1) Pentafluorobenzene	7.713	168	669833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1222438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1079191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	471581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	384278	58.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.820%
35) Dibromofluoromethane	7.640	113	386174	53.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.109	98	1458895	50.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.408	95	449272	47.471	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.940%
Target Compounds						
16) Acetone	3.879	43	30462	16.208	ug/l	Qvalue 92

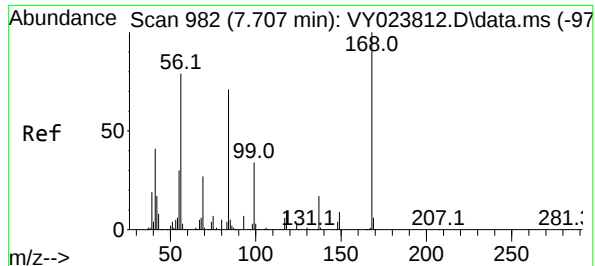
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023861.D
Acq On : 02 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-08
Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

Quant Time: Dec 03 01:05:03 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

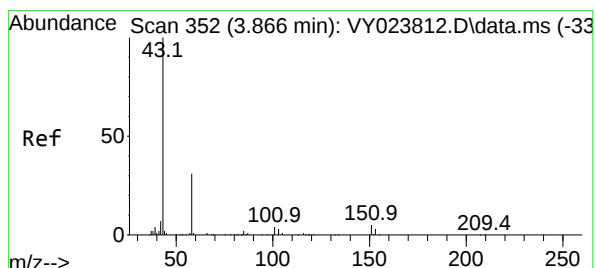
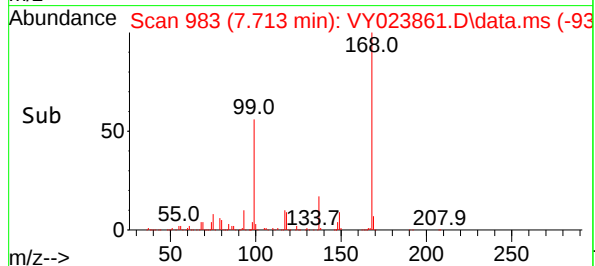
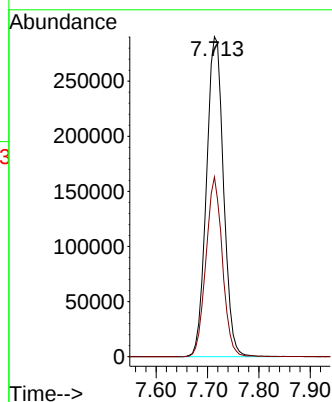
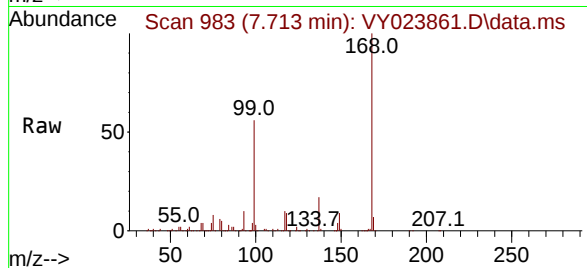




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

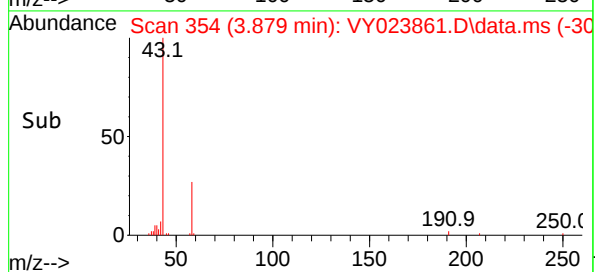
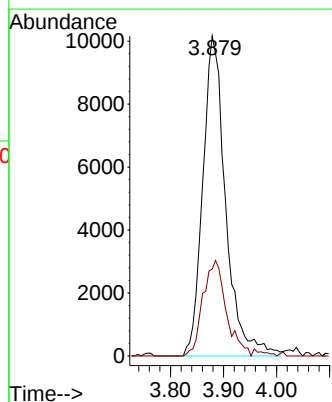
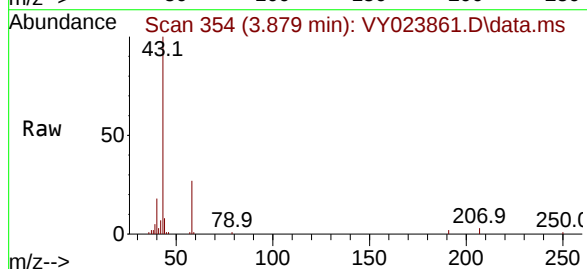
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

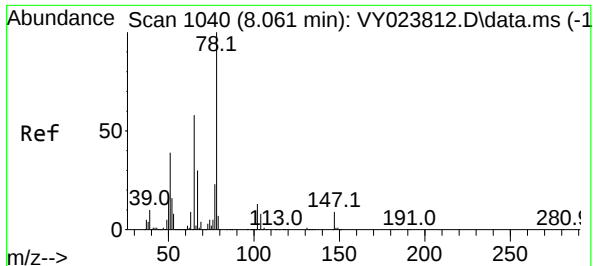
Tgt Ion:168 Resp: 669833
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#16
Acetone
Concen: 16.208 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

Tgt Ion: 43 Resp: 30462
Ion Ratio Lower Upper
43 100
58 27.1 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 58.910 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023861.D

Acq: 02 Dec 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

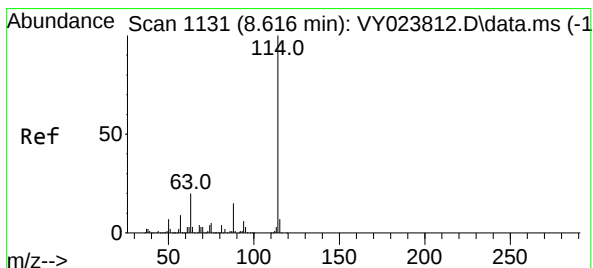
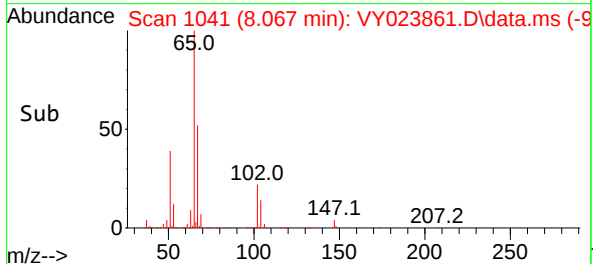
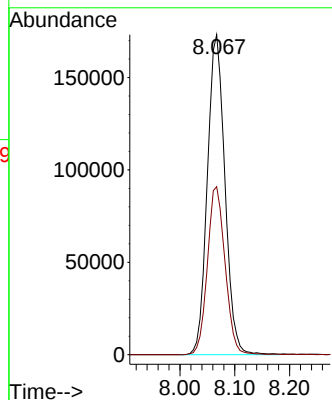
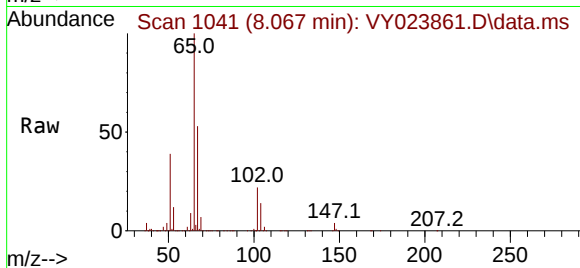
SB-1125-20

Tgt Ion: 65 Resp: 384278

Ion Ratio Lower Upper

65 100

67 52.9 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: VY023861.D

Acq: 02 Dec 2025 15:57

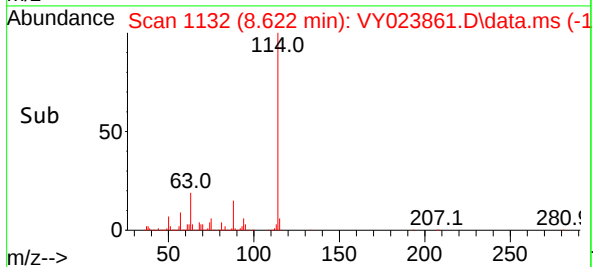
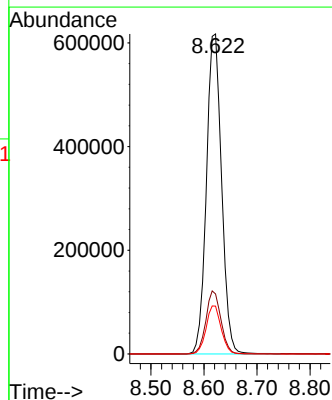
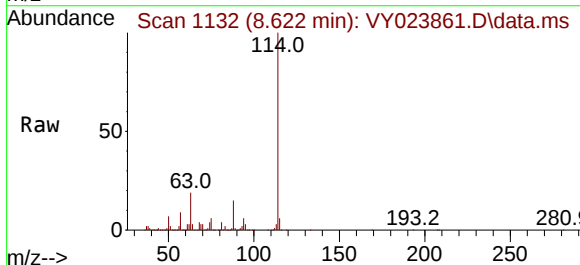
Tgt Ion: 114 Resp: 1222438

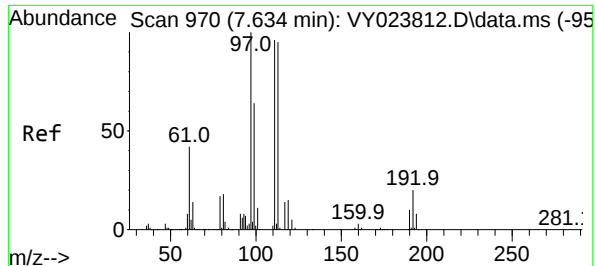
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.4

88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.327 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023861.D

Acq: 02 Dec 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-20

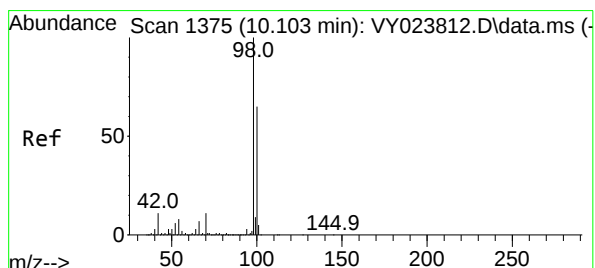
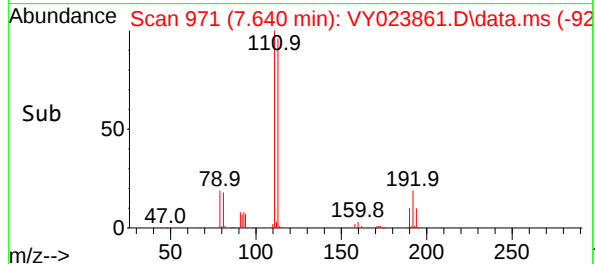
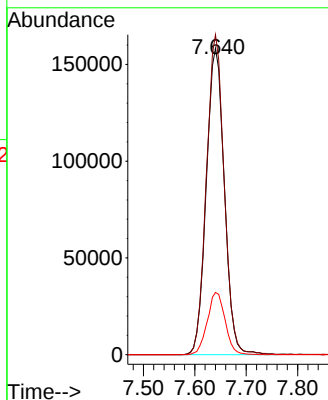
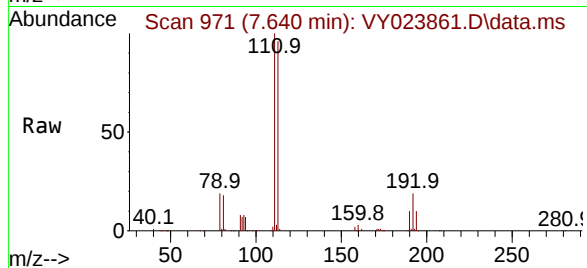
Tgt Ion:113 Resp: 386174

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 20.1 15.8 23.8



#50

Toluene-d8

Concen: 50.720 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023861.D

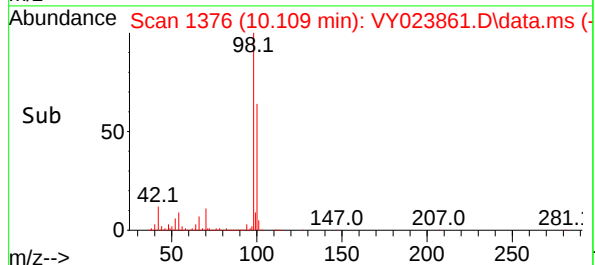
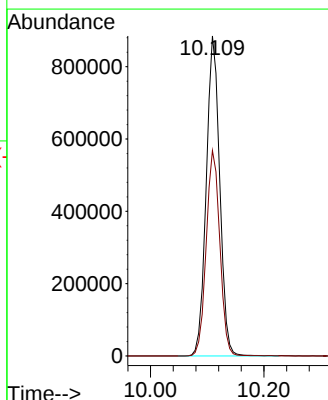
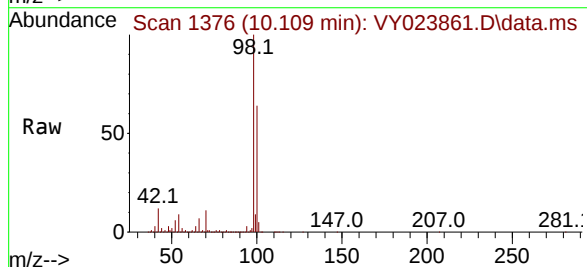
Acq: 02 Dec 2025 15:57

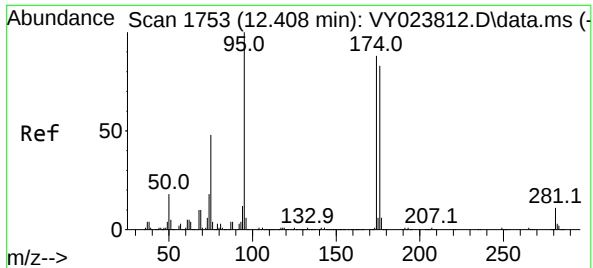
Tgt Ion: 98 Resp: 1458895

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

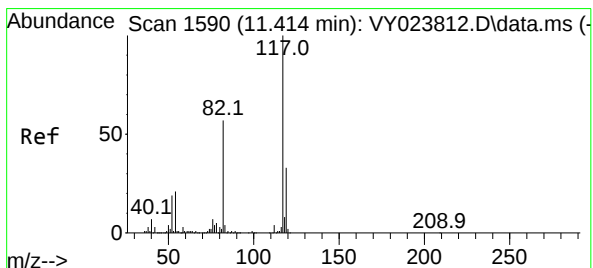
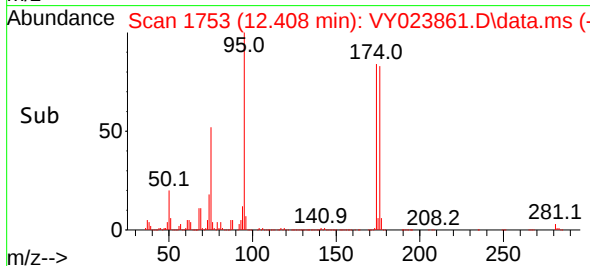
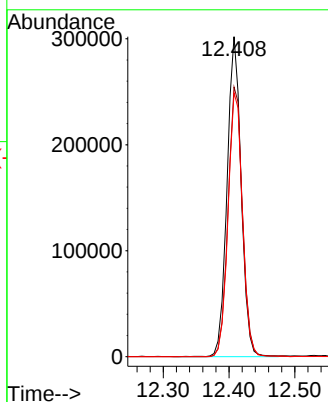
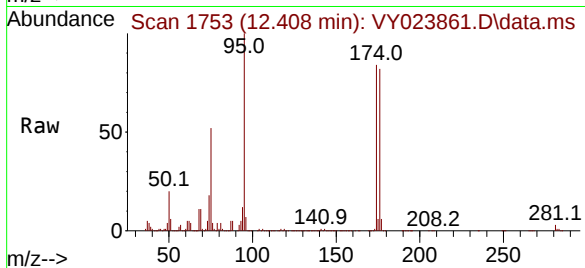




#62
4-Bromofluorobenzene
Concen: 47.471 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

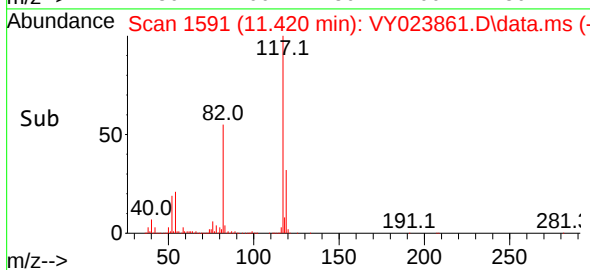
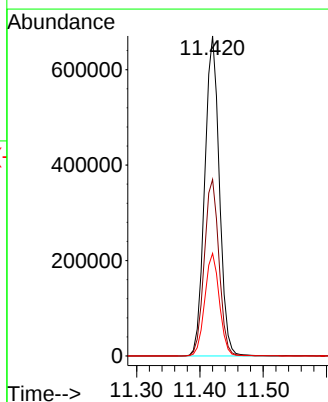
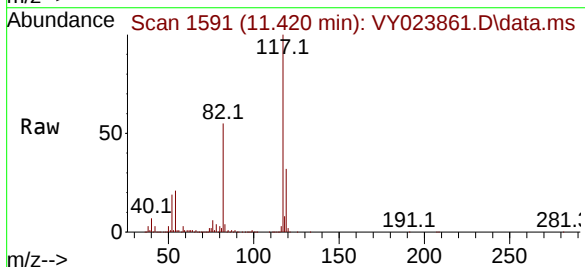
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

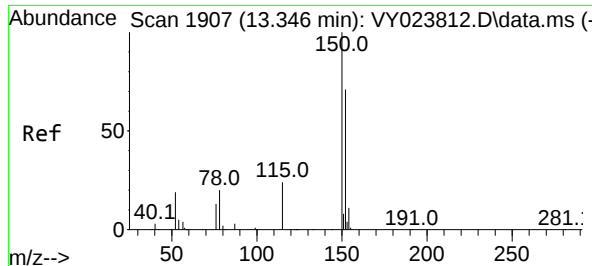
Tgt Ion: 95 Resp: 449272
Ion Ratio Lower Upper
95 100
174 86.6 0.0 168.6
176 84.2 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023861.D
Acq: 02 Dec 2025 15:57

Tgt Ion: 117 Resp: 1079191
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.1 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: VY023861.D

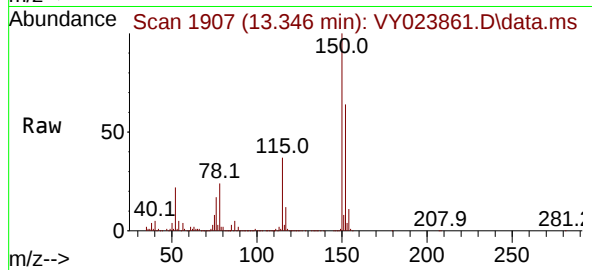
Acq: 02 Dec 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-20



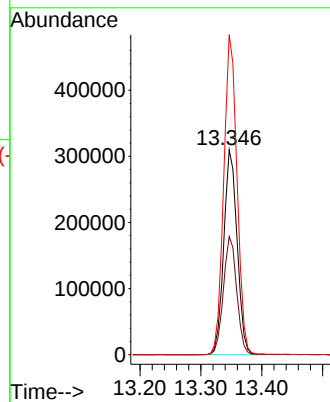
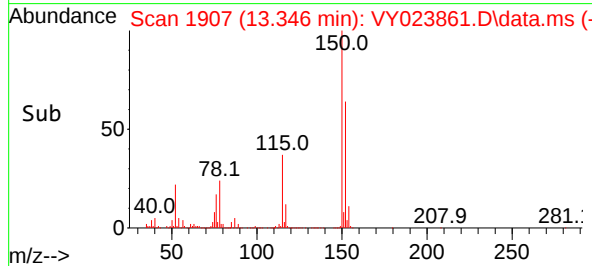
Tgt Ion:152 Resp: 471581

Ion Ratio Lower Upper

152 100

115 57.6 28.7 86.3

150 155.4 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023861.D
 Acq On : 02 Dec 2025 15:57
 Operator : SY/MD
 Sample : Q3742-08
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-20

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: VY023861.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	344	354	366	rBV2	16396	52765	1.37%	0.262%
2	4.622	466	476	487	rBV2	15258	46912	1.22%	0.233%
3	6.896	838	849	862	rBV2	39388	130364	3.39%	0.648%
4	7.640	959	971	977	rBV	533789	1289764	33.57%	6.412%
5	7.713	977	983	996	rVB	853308	1933074	50.32%	9.610%
6	8.067	1028	1041	1060	rBV	499310	1179695	30.71%	5.865%
7	8.616	1121	1131	1147	rBV	1408447	2798585	72.85%	13.912%
8	10.109	1368	1376	1391	rBV	2302081	3841804	100.00%	19.099%
9	10.512	1436	1442	1453	rVB	66624	117454	3.06%	0.584%
10	10.877	1497	1502	1510	rBV2	50119	85645	2.23%	0.426%
11	11.420	1582	1591	1604	rBV	2035006	3318745	86.39%	16.498%
12	12.408	1746	1753	1763	rBV	1568126	2407873	62.68%	11.970%
13	12.743	1803	1808	1815	rBV6	19809	41706	1.09%	0.207%
14	13.206	1875	1884	1889	rBV2	17646	38589	1.00%	0.192%
15	13.346	1898	1907	1915	rBV	1860174	2832662	73.73%	14.082%

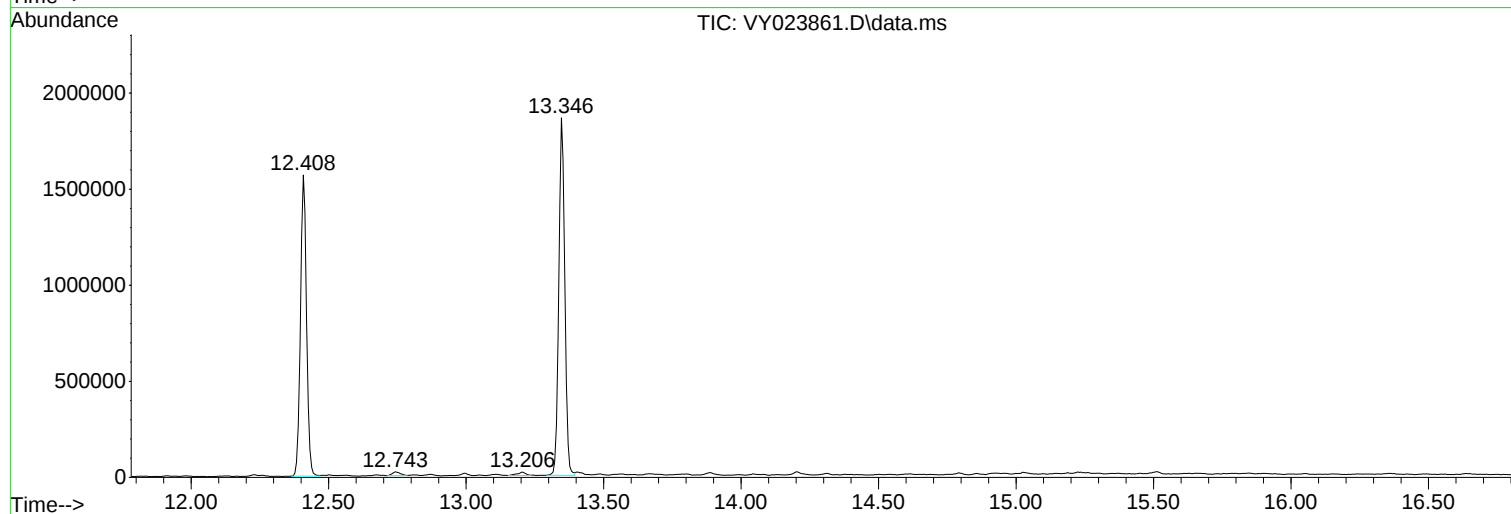
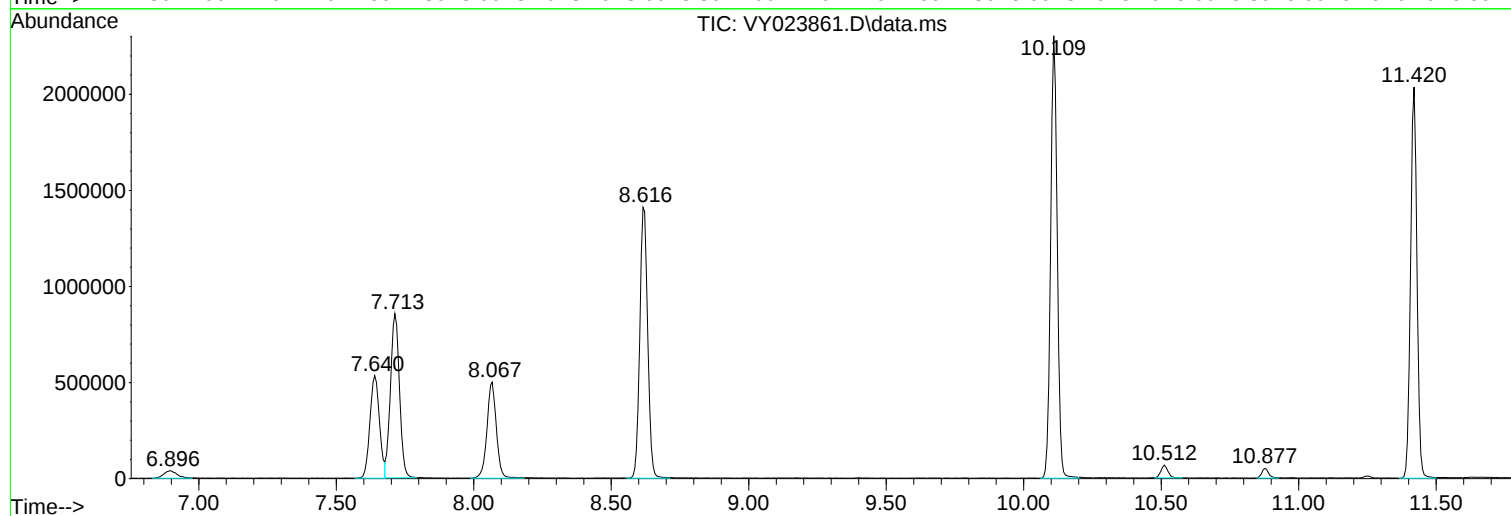
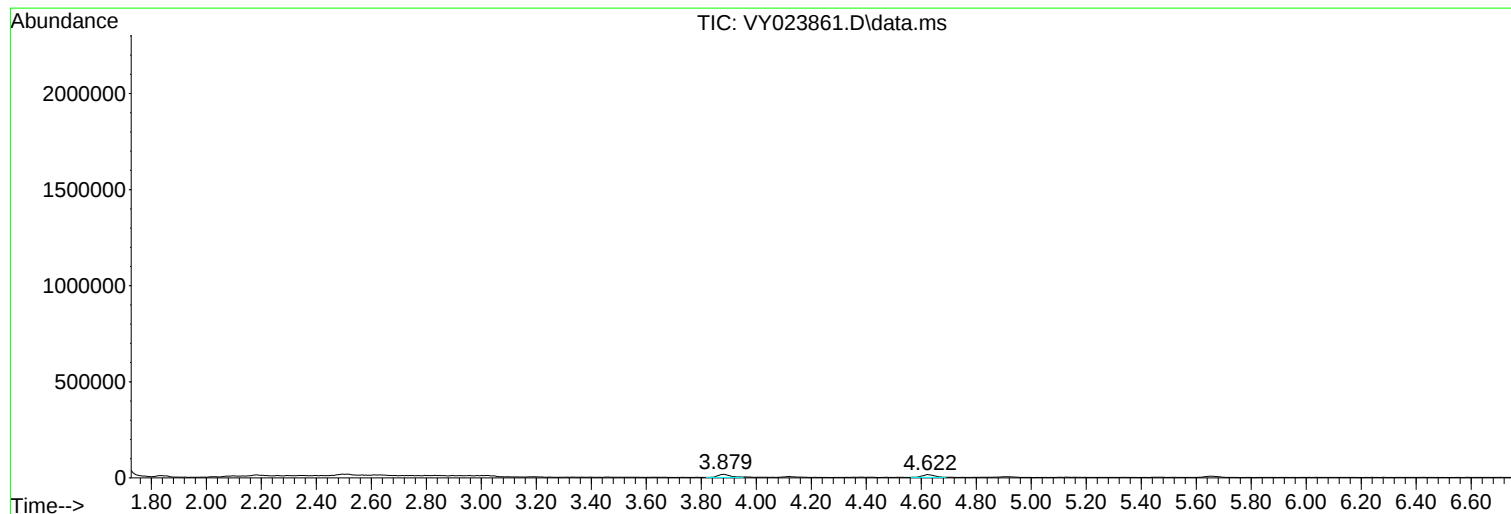
Sum of corrected areas: 20115637

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023861.D
Acq On : 02 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-08
Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

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\VY120225\
Data File : VY023861.D
Acq On : 02 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-08
Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

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\VY120225\
Data File : VY023861.D
Acq On : 02 Dec 2025 15:57
Operator : SY/MD
Sample : Q3742-08
Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-20

A

B

C

D

E

F

G

H

I

J

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023893.D
 Acq On : 04 Dec 2025 14:43
 Operator : SY/MD
 Sample : Q3742-09
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-22

Quant Time: Dec 05 01:47:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

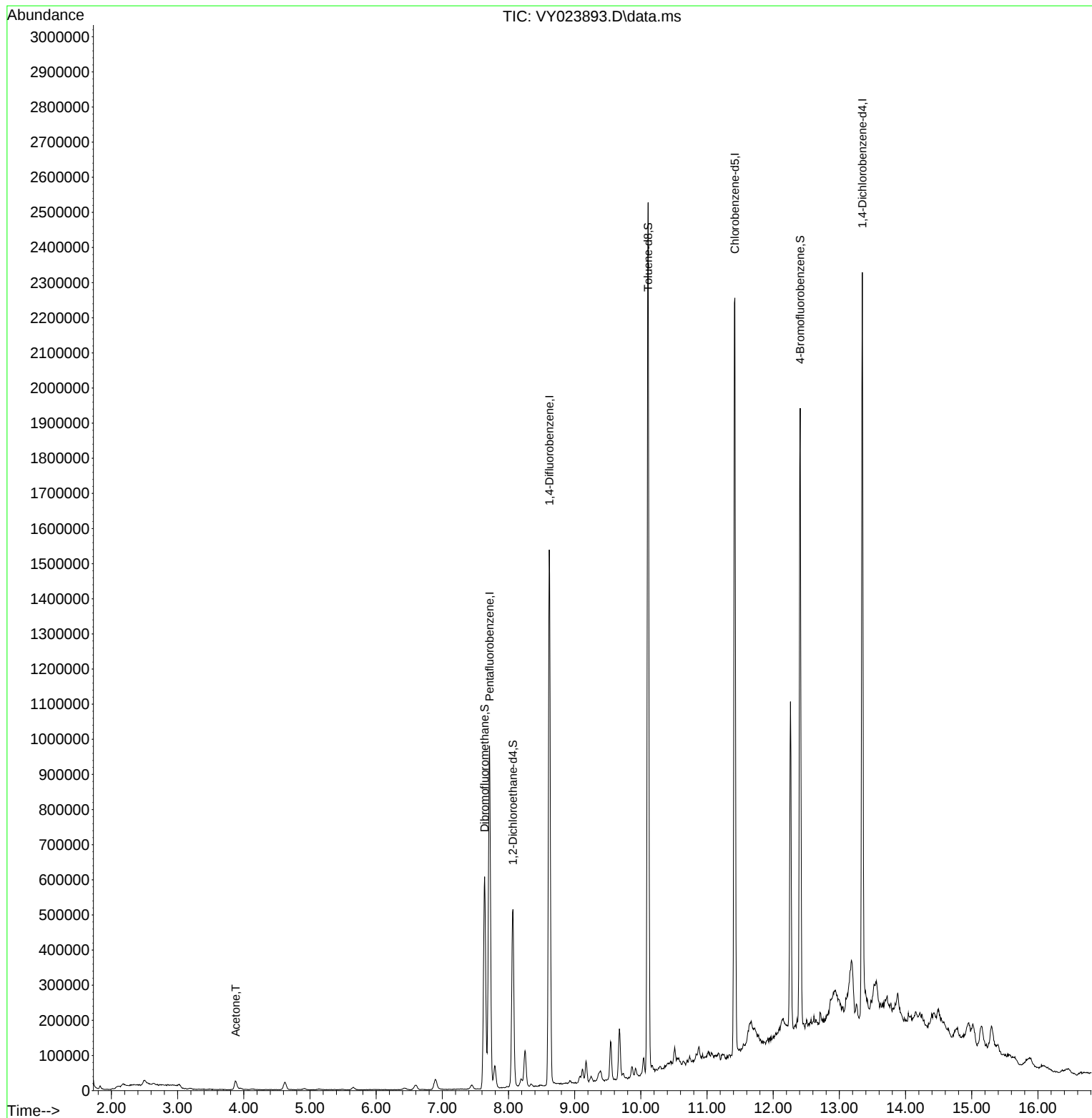
Internal Standards						
1) Pentafluorobenzene	7.713	168	803856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1376820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1230434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	551526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	402804	50.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.180%
35) Dibromofluoromethane	7.640	113	430165	48.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.109	98	1622450	47.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.408	95	523698	44.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.360%
Target Compounds						
16) Acetone	3.879	43	44522	18.477	ug/l	Qvalue 96

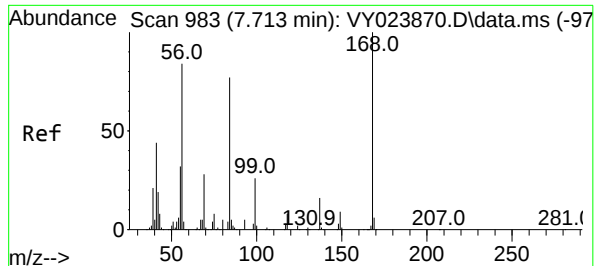
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023893.D
Acq On : 04 Dec 2025 14:43
Operator : SY/MD
Sample : Q3742-09
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

Quant Time: Dec 05 01:47:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

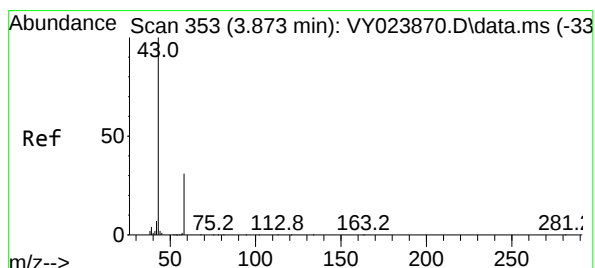
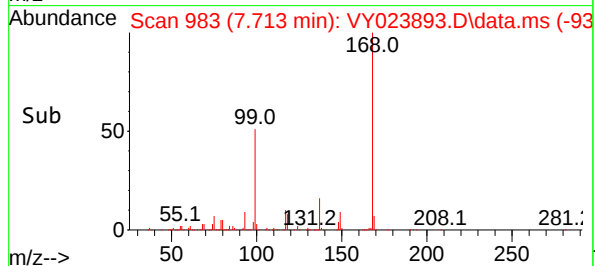
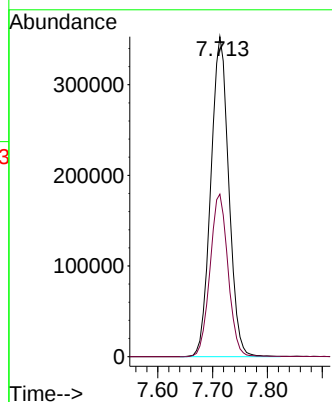
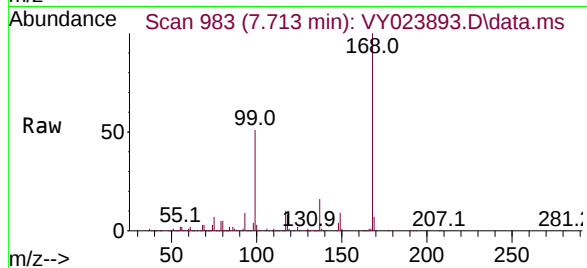




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

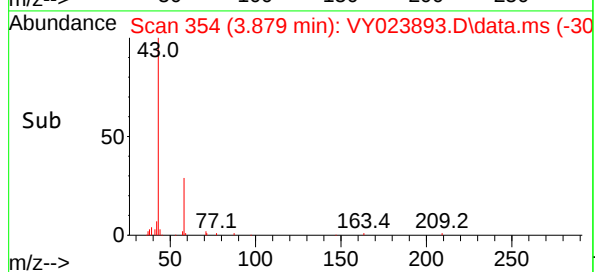
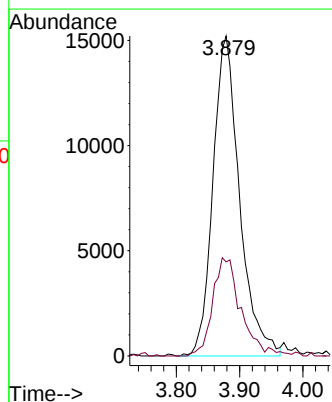
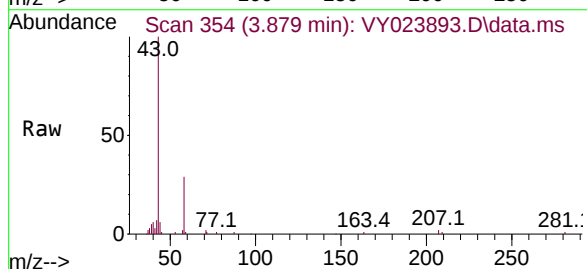
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

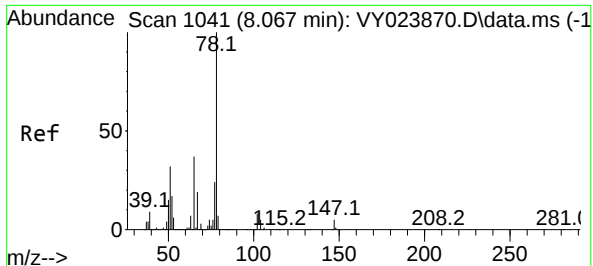
Tgt Ion:168 Resp: 803856
Ion Ratio Lower Upper
168 100
99 50.8 42.5 63.7



#16
Acetone
Concen: 18.477 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023893.D
Acq: 04 Dec 2025 14:43

Tgt Ion: 43 Resp: 44522
Ion Ratio Lower Upper
43 100
58 29.4 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 50.091 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023893.D

Acq: 04 Dec 2025 14:43

Instrument :

MSVOA_Y

ClientSampleId :

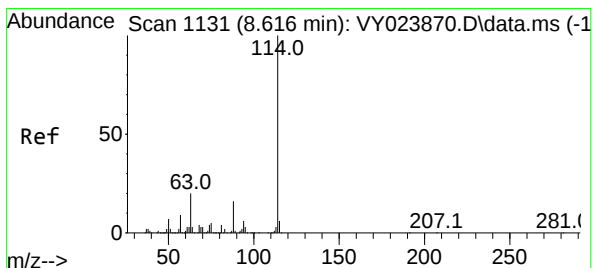
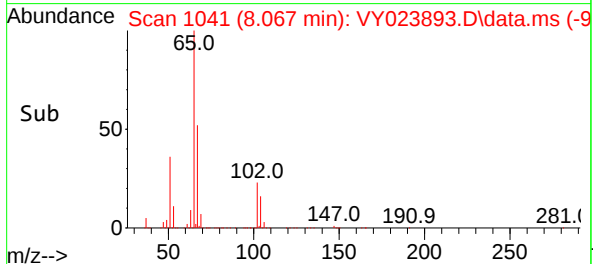
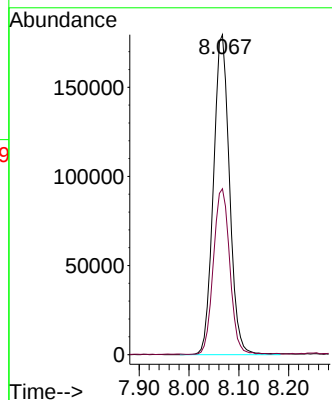
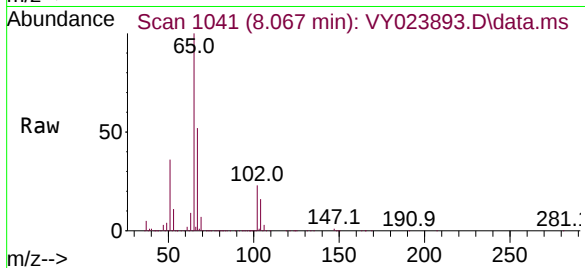
SB-1125-22

Tgt Ion: 65 Resp: 402804

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023893.D

Acq: 04 Dec 2025 14:43

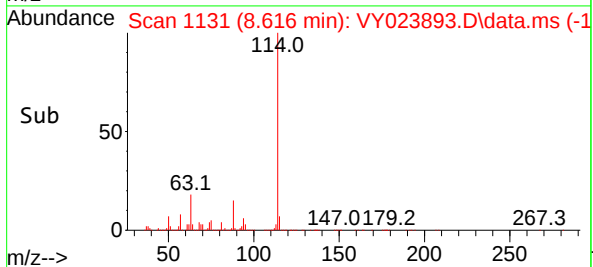
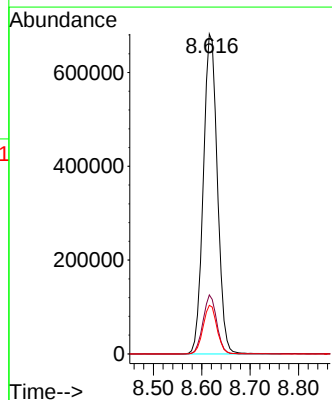
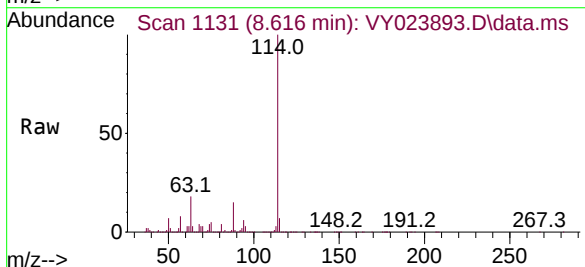
Tgt Ion: 114 Resp: 1376820

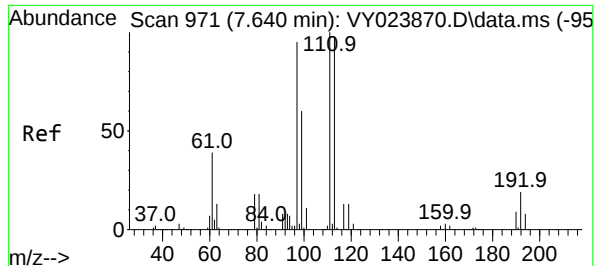
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.713 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023893.D

Acq: 04 Dec 2025 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-22

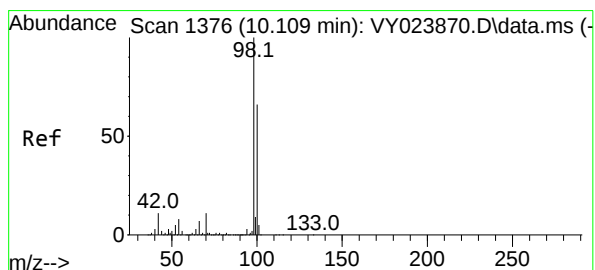
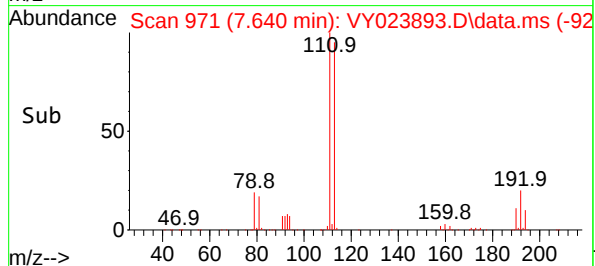
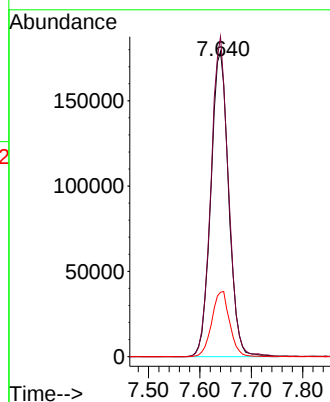
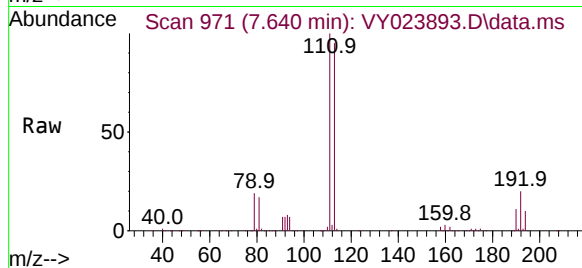
Tgt Ion:113 Resp: 430165

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 21.4 15.8 23.8



#50

Toluene-d8

Concen: 47.215 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023893.D

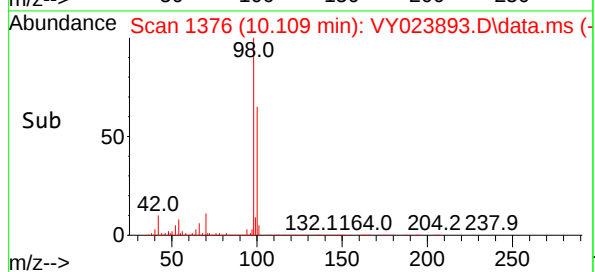
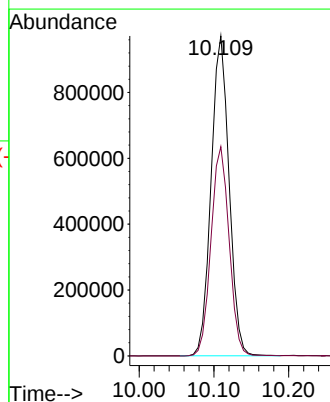
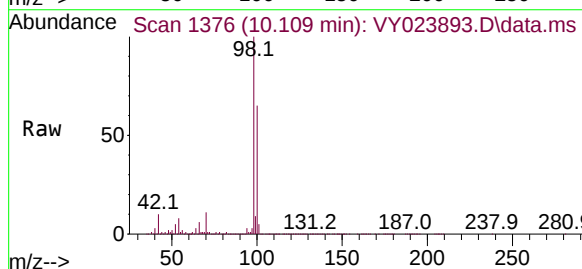
Acq: 04 Dec 2025 14:43

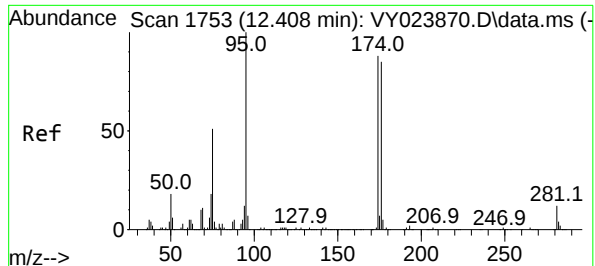
Tgt Ion: 98 Resp: 1622450

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.682 ug/l

RT: 12.408 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023893.D

Acq: 04 Dec 2025 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-22

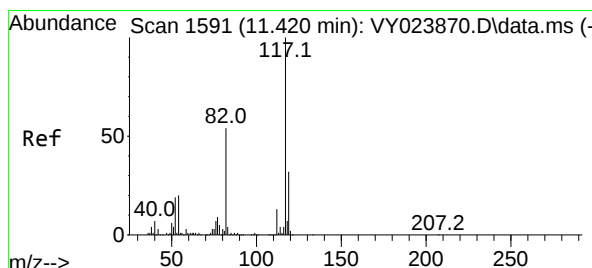
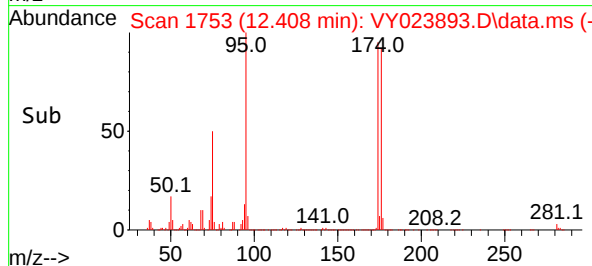
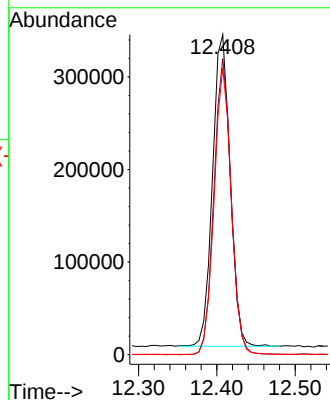
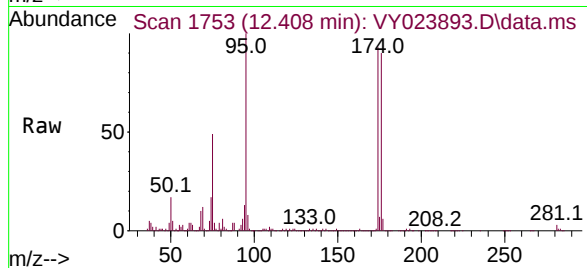
Tgt Ion: 95 Resp: 523698

Ion Ratio Lower Upper

95 100

174 93.7 0.0 169.6

176 89.8 0.0 164.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY023893.D

Acq: 04 Dec 2025 14:43

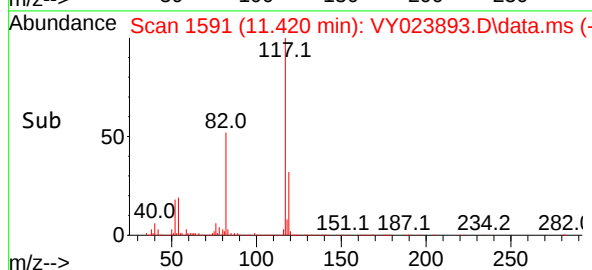
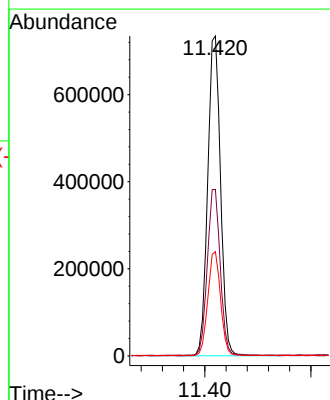
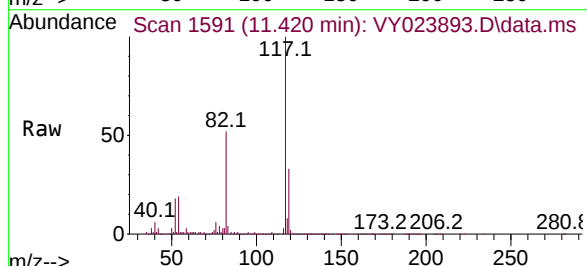
Tgt Ion: 117 Resp: 1230434

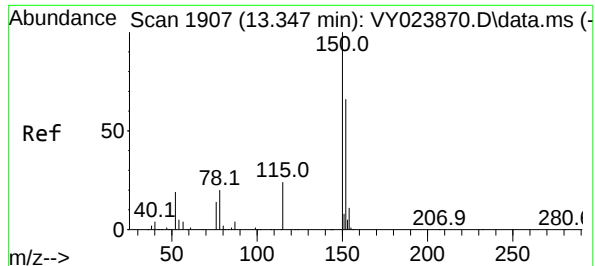
Ion Ratio Lower Upper

117 100

82 51.8 43.1 64.7

119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 19

Delta R.T. -0.000 min

Lab File: VY023893.D

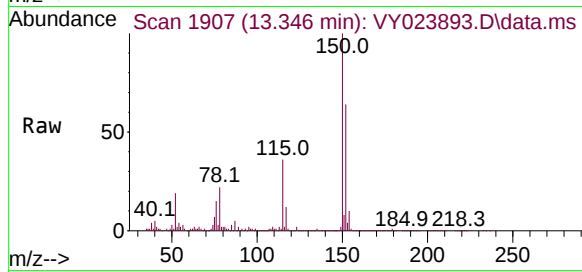
Acq: 04 Dec 2025 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-22



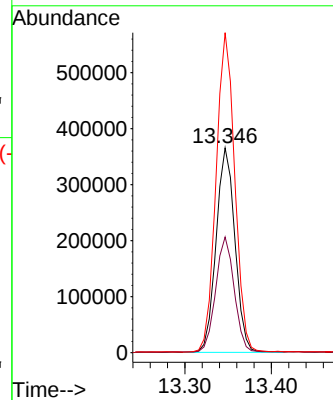
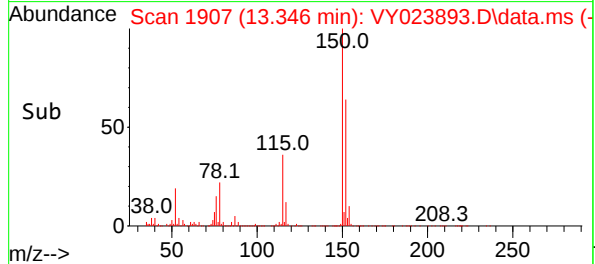
Tgt Ion:152 Resp: 551526

Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.4

150 155.3 0.0 352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023893.D
 Acq On : 04 Dec 2025 14:43
 Operator : SY/MD
 Sample : Q3742-09
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-22

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\82Y120325S.M

Title : SW846 8260

Signal : TIC: VY023893.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.501	118	128	135	rBV8	15459	56762	1.35%	0.226%
2	3.873	344	353	362	rBV	24479	68985	1.64%	0.275%
3	4.622	464	476	486	rBV5	21603	67095	1.59%	0.267%
4	6.896	840	849	863	rBV3	28588	94031	2.23%	0.374%
5	7.640	960	971	977	rBV2	604172	1454595	34.57%	5.788%
6	7.713	977	983	991	rVV	975981	2207490	52.47%	8.784%
7	7.793	991	996	1008	rVB2	63538	162717	3.87%	0.647%
8	8.067	1030	1041	1052	rBV	506132	1162462	27.63%	4.626%
9	8.189	1054	1061	1064	rVV3	22041	49210	1.17%	0.196%
10	8.250	1065	1071	1081	rVB	100905	244465	5.81%	0.973%
11	8.616	1120	1131	1142	rBV	1526697	3062347	72.79%	12.186%
12	9.115	1210	1213	1217	rVV	37539	66821	1.59%	0.266%
13	9.170	1218	1222	1229	rVB2	59347	112784	2.68%	0.449%
14	9.390	1248	1258	1268	rVB7	29348	103233	2.45%	0.411%
15	9.542	1277	1283	1291	rVB2	108343	213510	5.07%	0.850%
16	9.676	1298	1305	1311	rBV	144468	298828	7.10%	1.189%
17	9.865	1332	1336	1341	rBV3	27414	49611	1.18%	0.197%
18	10.042	1360	1365	1369	rBV2	43860	72098	1.71%	0.287%
19	10.109	1369	1376	1384	rBV	2475695	4207339	100.00%	16.742%
20	10.512	1437	1442	1446	rBV	47096	84777	2.01%	0.337%
21	11.420	1584	1591	1598	rBV	2157016	3650592	86.77%	14.526%
22	12.261	1723	1729	1737	rVB	931417	1492420	35.47%	5.939%
23	12.408	1747	1753	1760	rVB	1752960	2744527	65.23%	10.921%
24	12.706	1800	1802	1807	rBV2	32766	50223	1.19%	0.200%
25	13.346	1901	1907	1918	rBV	2116122	3353697	79.71%	13.345%

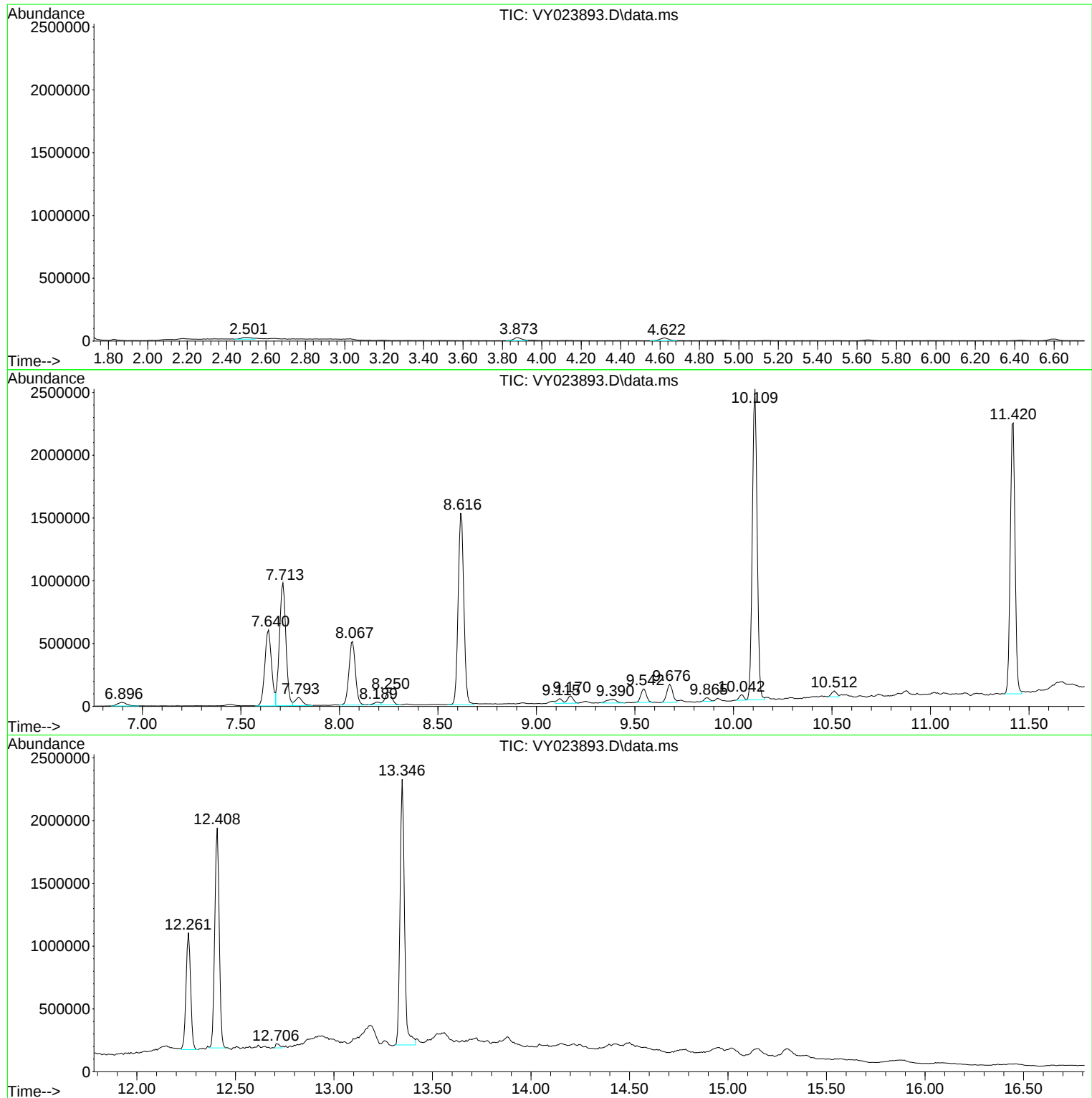
Sum of corrected areas: 25130619

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023893.D
Acq On : 04 Dec 2025 14:43
Operator : SY/MD
Sample : Q3742-09
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023893.D
Acq On : 04 Dec 2025 14:43
Operator : SY/MD
Sample : Q3742-09
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

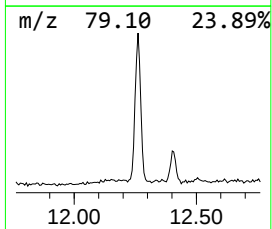
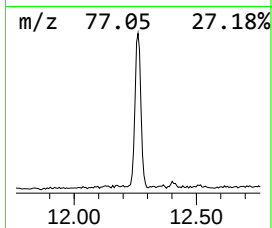
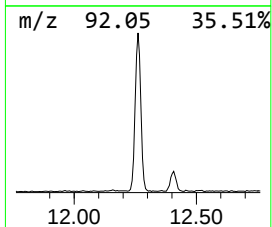
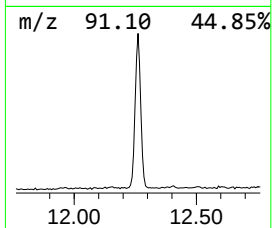
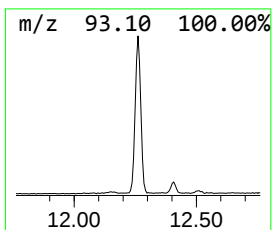
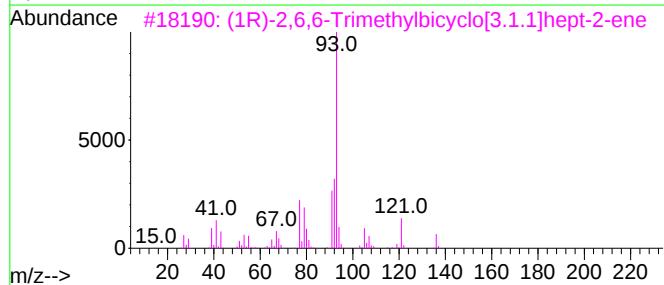
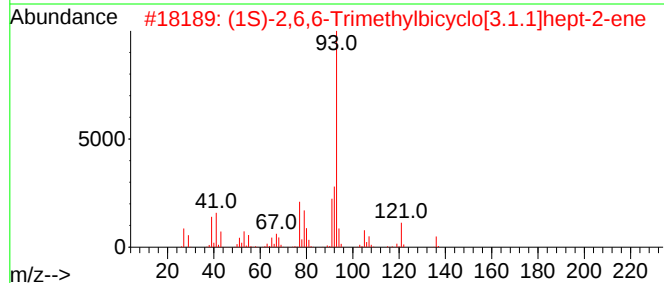
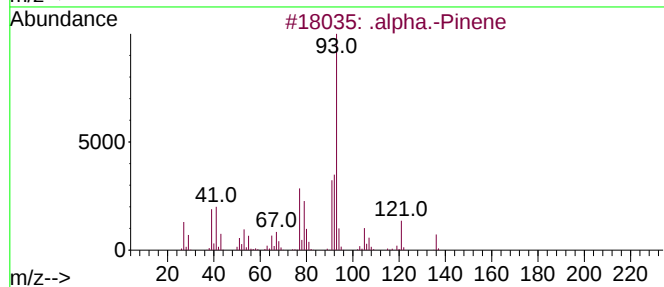
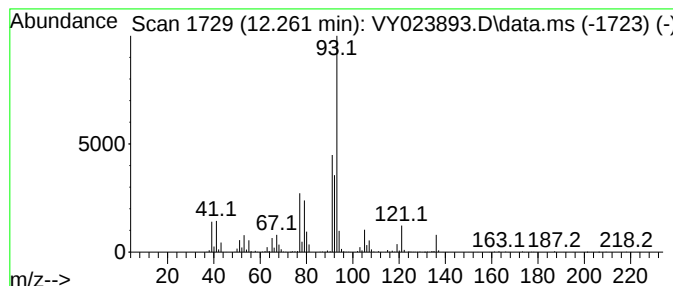
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.261	20.44 ug/l	1492420	Chlorobenzene-d5	11.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	97
2			(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	95
3			(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
4			Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
5			(+)-3-Carene	136	C10H16	000498-15-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023893.D
Acq On : 04 Dec 2025 14:43
Operator : SY/MD
Sample : Q3742-09
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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
.alpha.-Pinene	12.261	20.4	ug/l	1492420	3	11.420	3650590	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023895.D
Acq On : 04 Dec 2025 15:29
Operator : SY/MD
Sample : Q3742-10
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 05 01:48:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

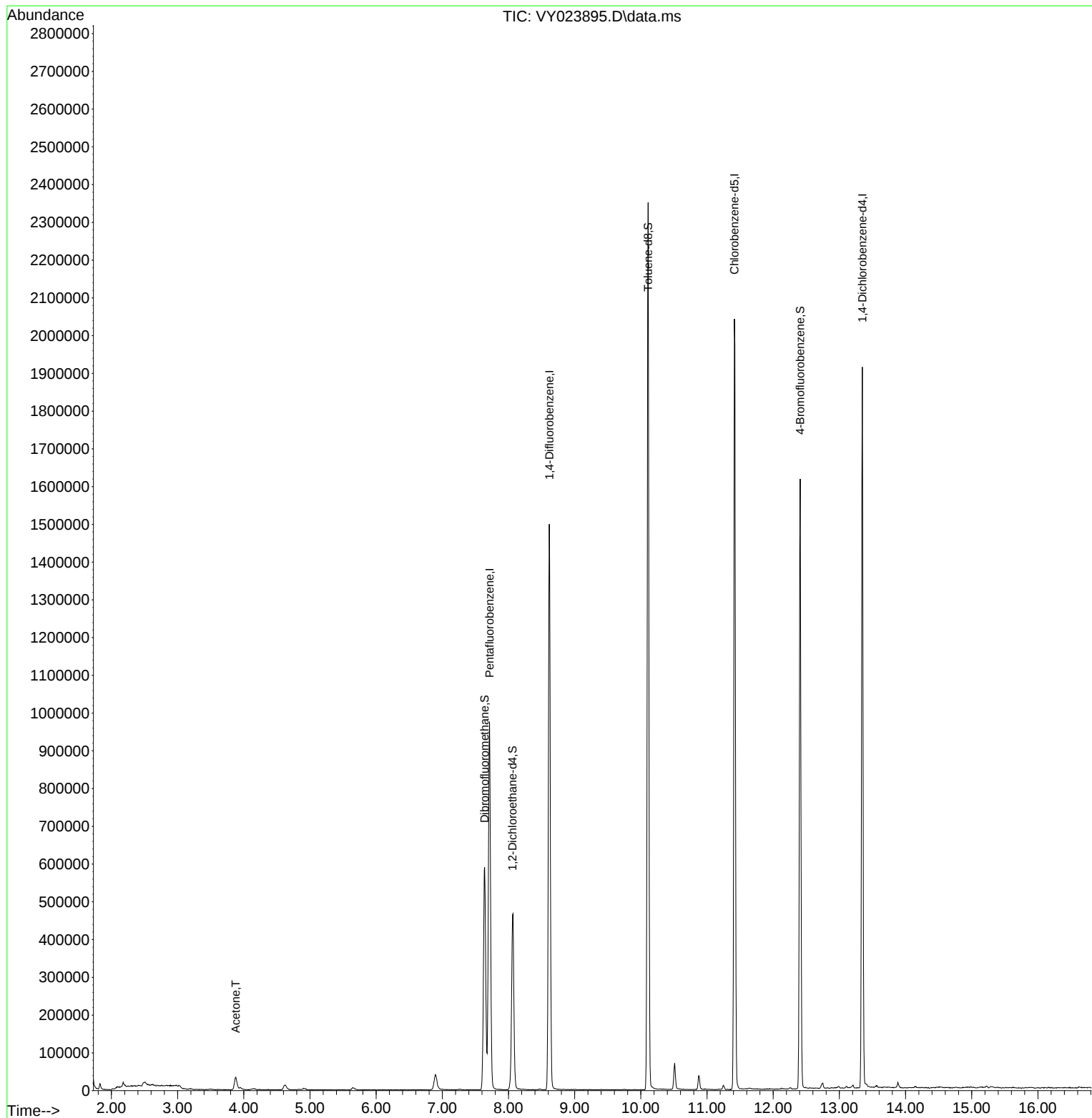
Internal Standards						
1) Pentafluorobenzene	7.713	168	804667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1357896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1169651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	504866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	370919	46.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.160%
35) Dibromofluoromethane	7.640	113	424473	48.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.109	98	1537439	45.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.720%
62) 4-Bromofluorobenzene	12.408	95	475017	41.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.180%
Target Compounds						
16) Acetone	3.879	43	59243	24.561	ug/l	Qvalue 95

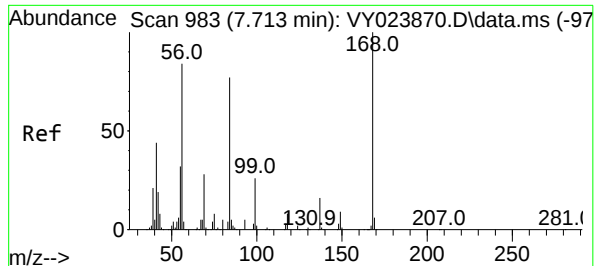
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023895.D
Acq On : 04 Dec 2025 15:29
Operator : SY/MD
Sample : Q3742-10
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

Quant Time: Dec 05 01:48:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

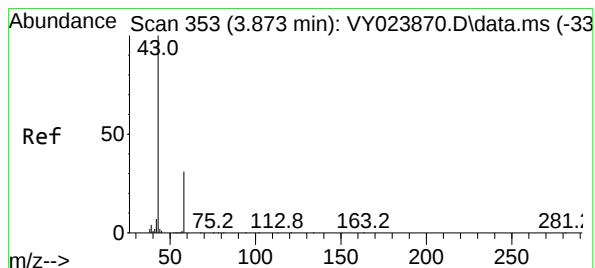
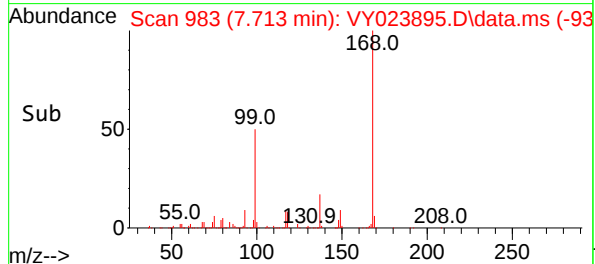
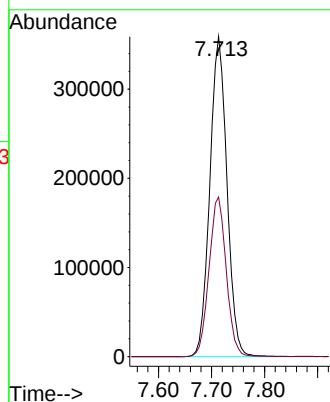
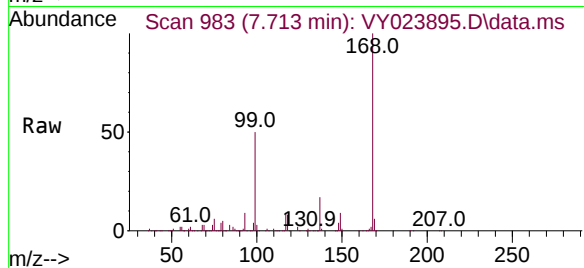




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

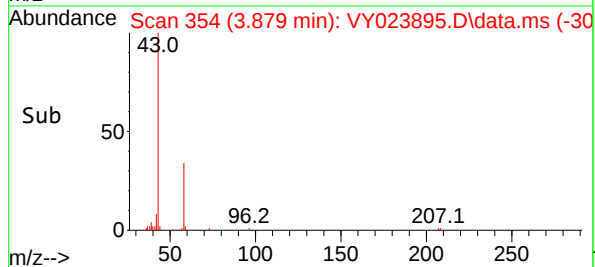
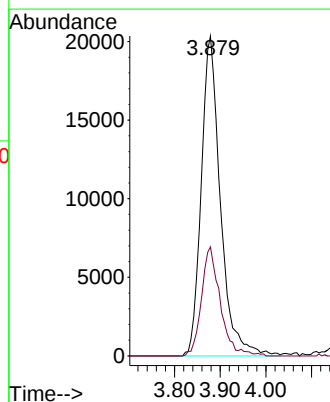
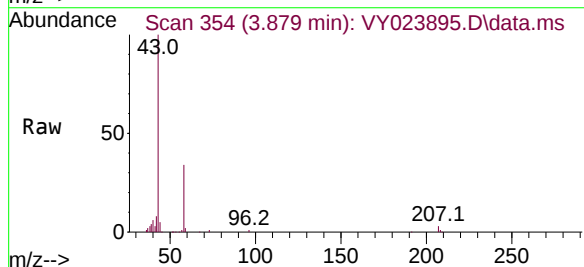
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

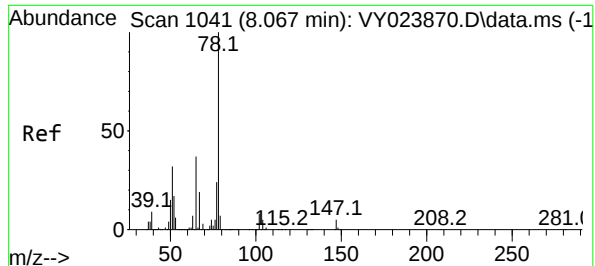
Tgt Ion:168 Resp: 804667
Ion Ratio Lower Upper
168 100
99 49.9 42.5 63.7



#16
Acetone
Concen: 24.561 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

Tgt Ion: 43 Resp: 59243
Ion Ratio Lower Upper
43 100
58 34.1 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 46.079 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

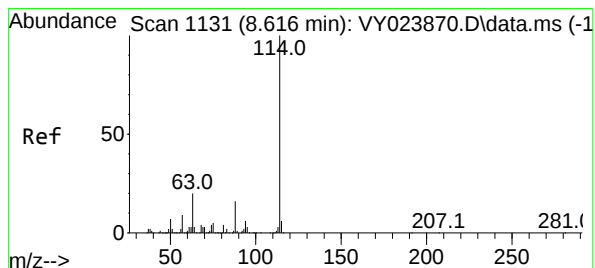
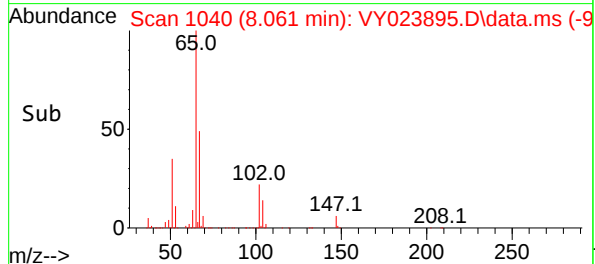
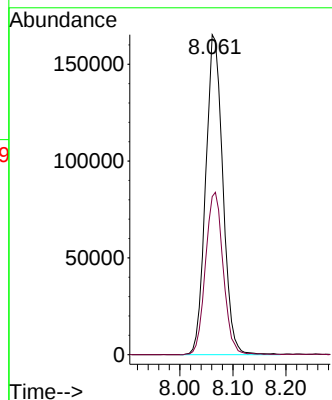
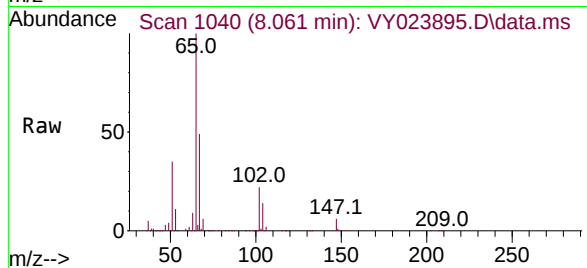
SB-1125-2

Tgt Ion: 65 Resp: 370919

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

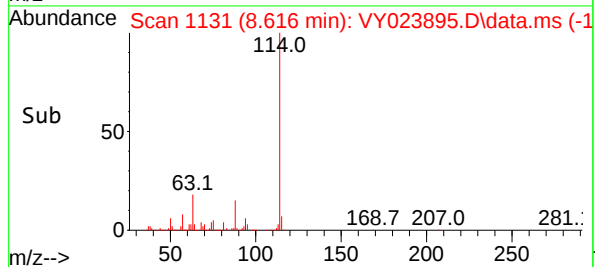
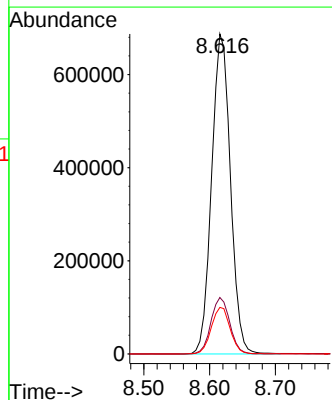
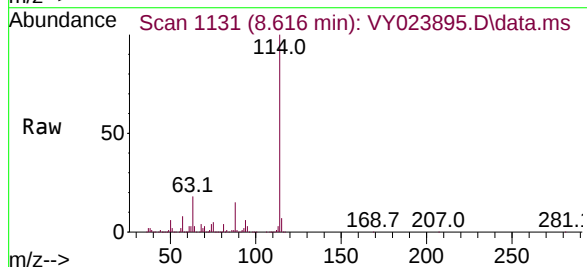
Tgt Ion:114 Resp: 1357896

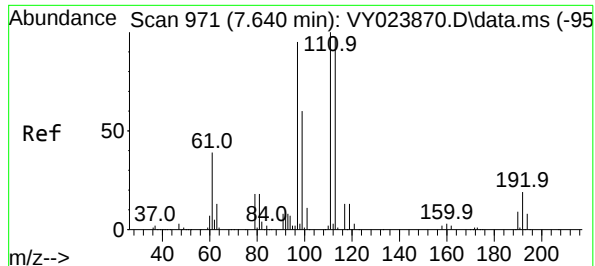
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.2

88 14.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.739 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

Instrument :

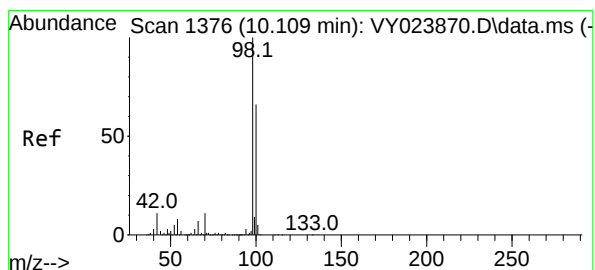
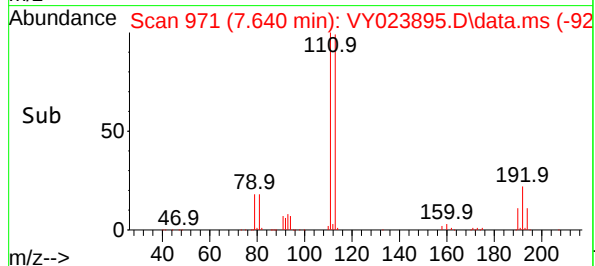
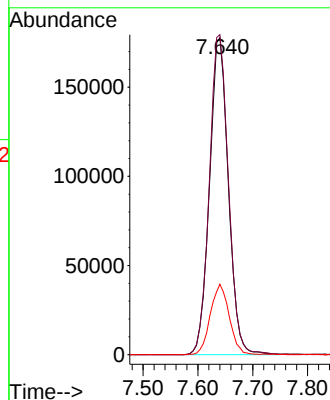
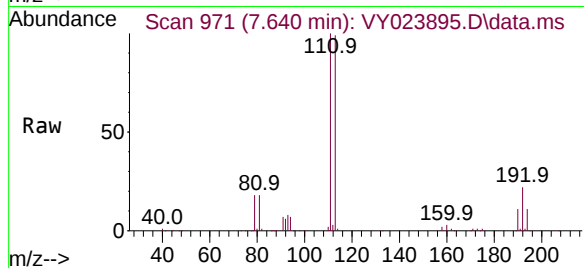
MSVOA_Y

ClientSampleId :

SB-1125-2

Tgt Ion:113 Resp: 424473

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	22.3	15.8	23.8



#50

Toluene-d8

Concen: 45.364 ug/l

RT: 10.109 min Scan# 1376

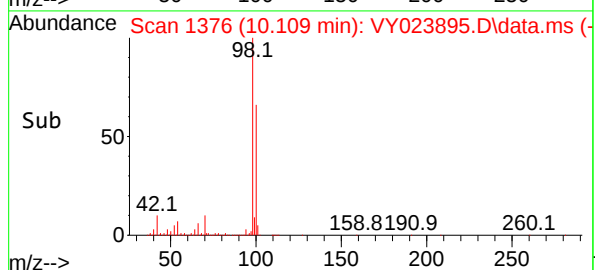
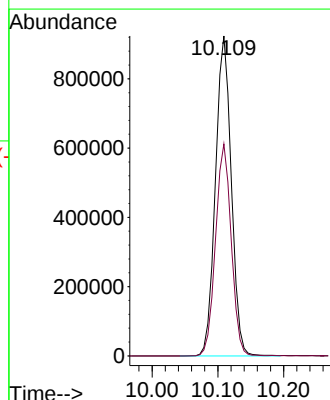
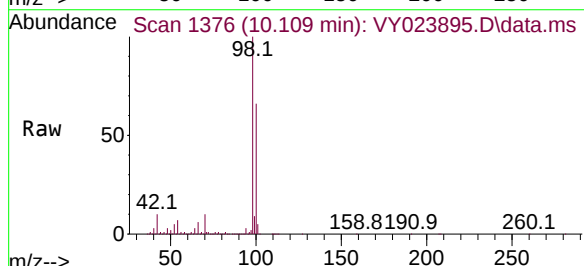
Delta R.T. -0.000 min

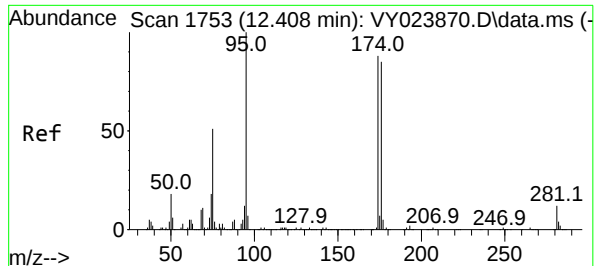
Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

Tgt Ion: 98 Resp: 1537439

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7





#62

4-Bromofluorobenzene

Concen: 41.093 ug/l

RT: 12.408 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-2

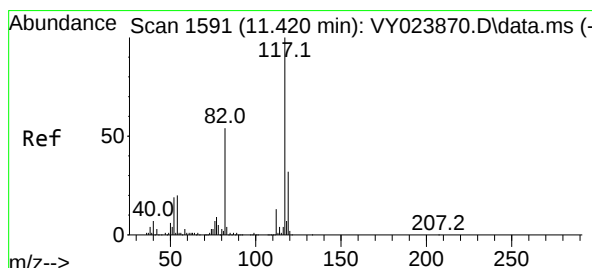
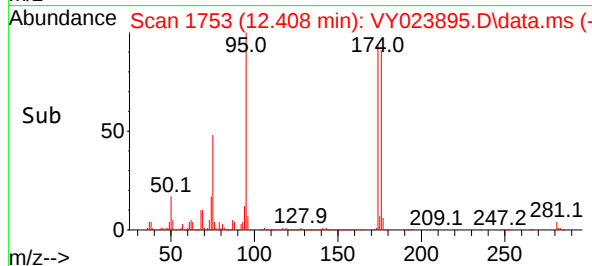
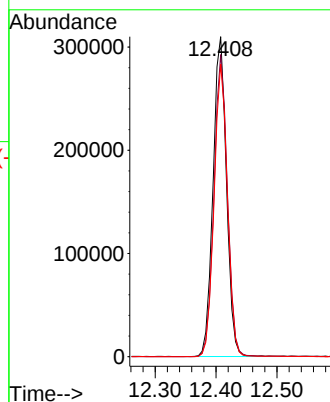
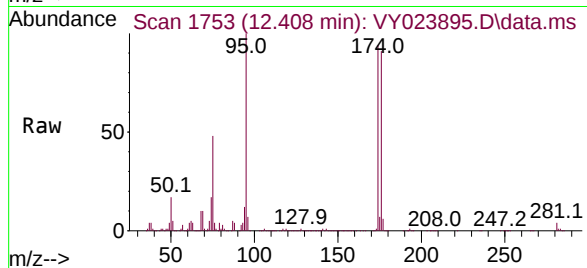
Tgt Ion: 95 Resp: 475017

Ion Ratio Lower Upper

95 100

174 94.8 0.0 169.6

176 90.9 0.0 164.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY023895.D

Acq: 04 Dec 2025 15:29

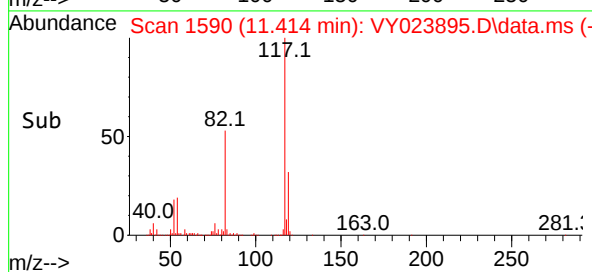
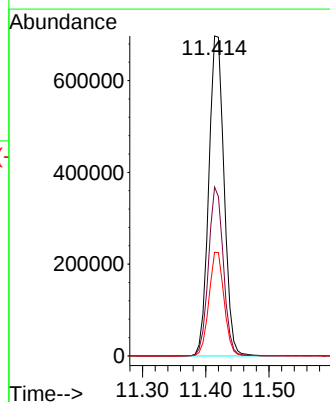
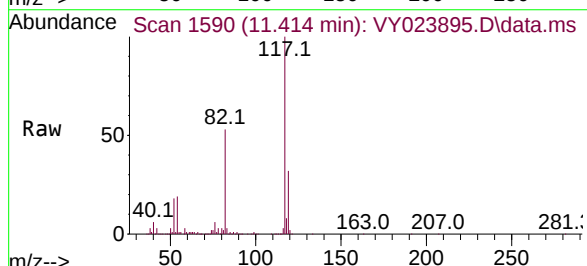
Tgt Ion: 117 Resp: 1169651

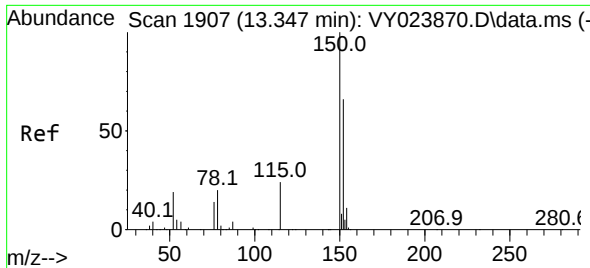
Ion Ratio Lower Upper

117 100

82 52.8 43.1 64.7

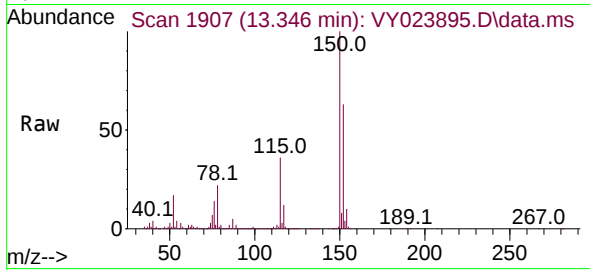
119 32.4 26.0 39.0



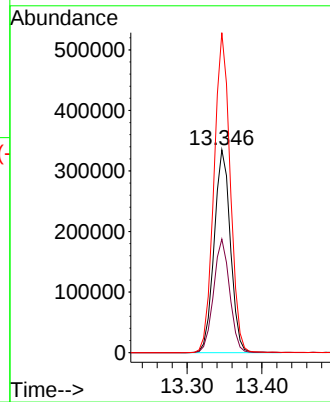
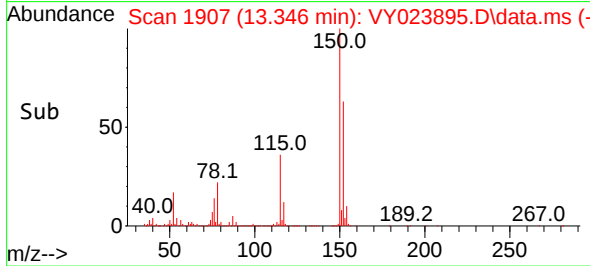


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023895.D
Acq: 04 Dec 2025 15:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2



Tgt Ion:	152	Resp:	504866
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.8	86.4
150	157.2	0.0	352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023895.D
 Acq On : 04 Dec 2025 15:29
 Operator : SY/MD
 Sample : Q3742-10
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-2

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\82Y120325S.M

Title : SW846 8260

Signal : TIC: VY023895.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	343	354	362	rBV	33448	92539	2.34%	0.442%
2	4.622	466	476	489	rBV3	12935	45405	1.15%	0.217%
3	6.896	836	849	864	rBV2	40367	132638	3.35%	0.634%
4	7.640	960	971	977	rBV	589333	1436286	36.31%	6.866%
5	7.713	977	983	999	rVB	973632	2184442	55.23%	10.442%
6	8.067	1027	1041	1054	rBV	466207	1121046	28.34%	5.359%
7	8.616	1122	1131	1147	rBV	1498366	2965185	74.97%	14.175%
8	10.109	1368	1376	1392	rBV	2350091	3955158	100.00%	18.907%
9	10.512	1434	1442	1452	rBV	69113	123433	3.12%	0.590%
10	10.877	1495	1502	1510	rBV2	36971	68372	1.73%	0.327%
11	11.414	1581	1590	1603	rBV	2041721	3392663	85.78%	16.218%
12	12.408	1742	1753	1763	rBV	1615852	2543687	64.31%	12.160%
13	13.346	1900	1907	1914	rBV	1909422	2857921	72.26%	13.662%

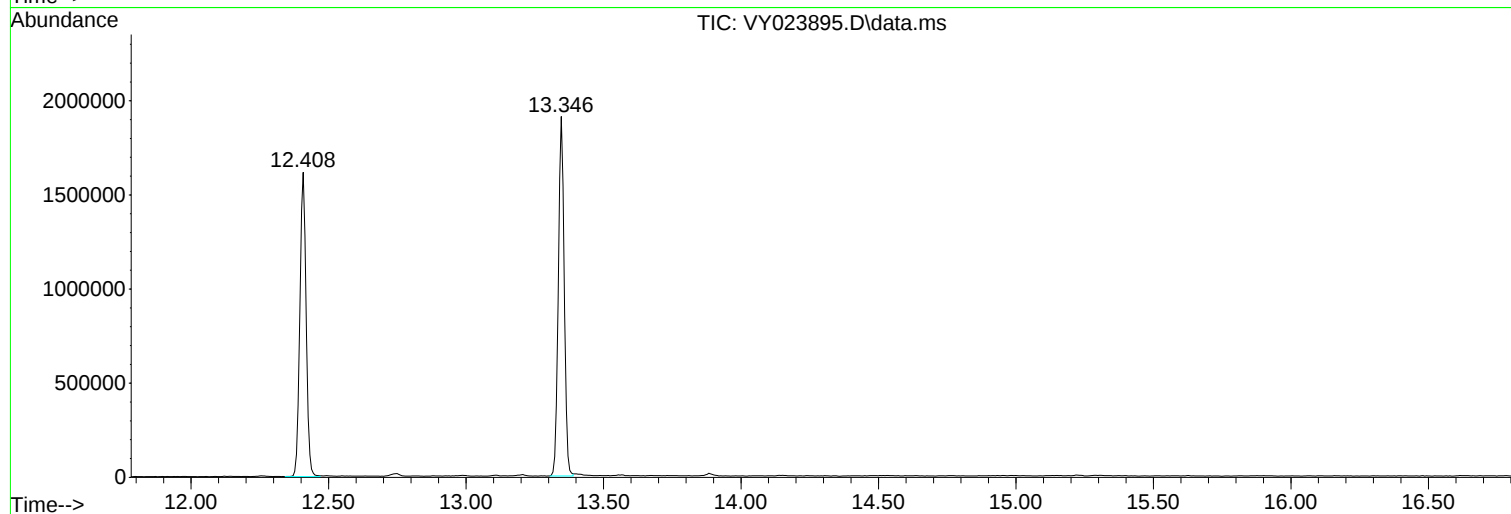
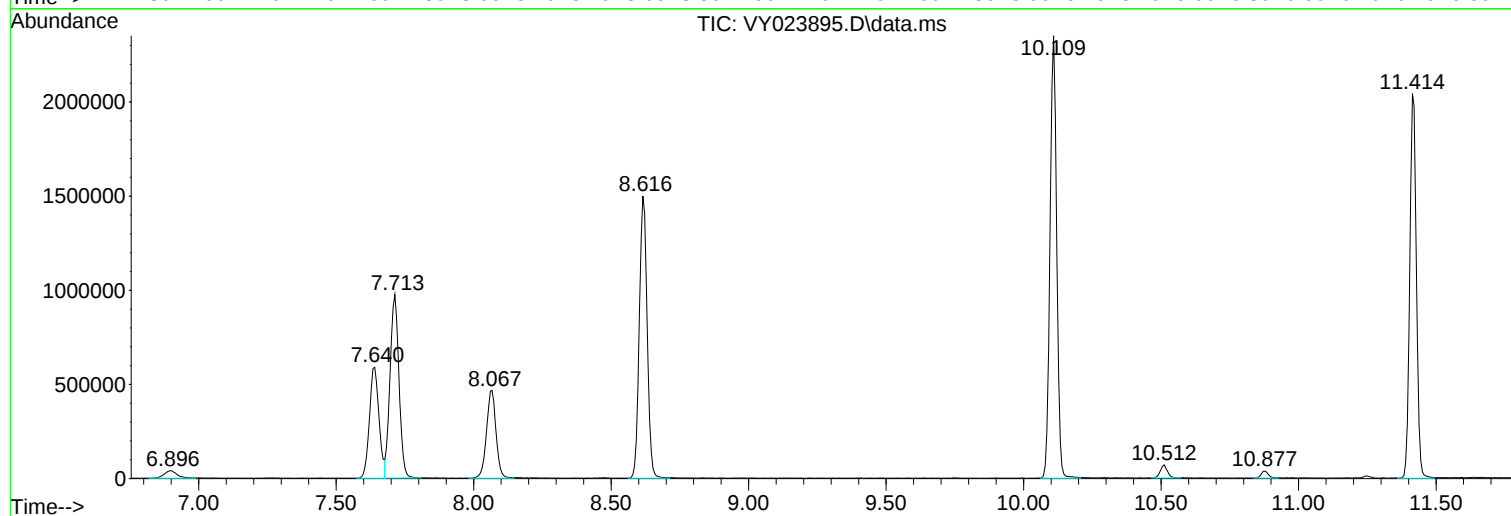
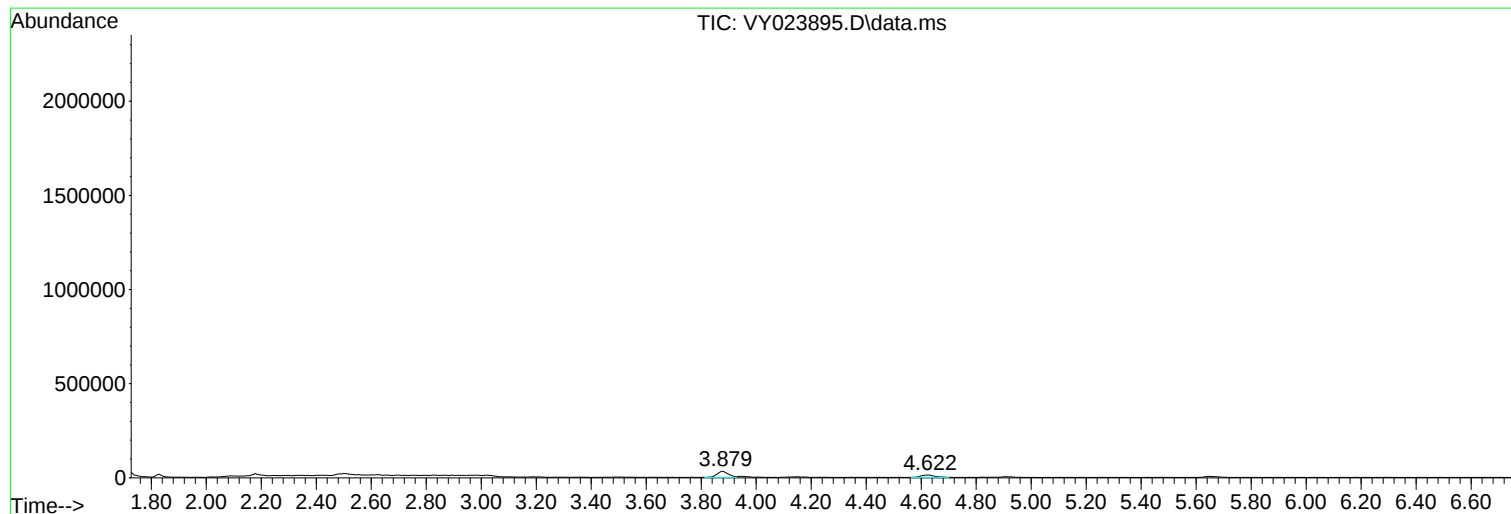
Sum of corrected areas: 20918775

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023895.D
Acq On : 04 Dec 2025 15:29
Operator : SY/MD
Sample : Q3742-10
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023895.D
Acq On : 04 Dec 2025 15:29
Operator : SY/MD
Sample : Q3742-10
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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\VY120425\
Data File : VY023895.D
Acq On : 04 Dec 2025 15:29
Operator : SY/MD
Sample : Q3742-10
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-2

A

B

C

D

E

F

G

H

I

J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023888.D
 Acq On : 04 Dec 2025 12:45
 Operator : SY/MD
 Sample : Q3742-16
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-1

Quant Time: Dec 05 01:45:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

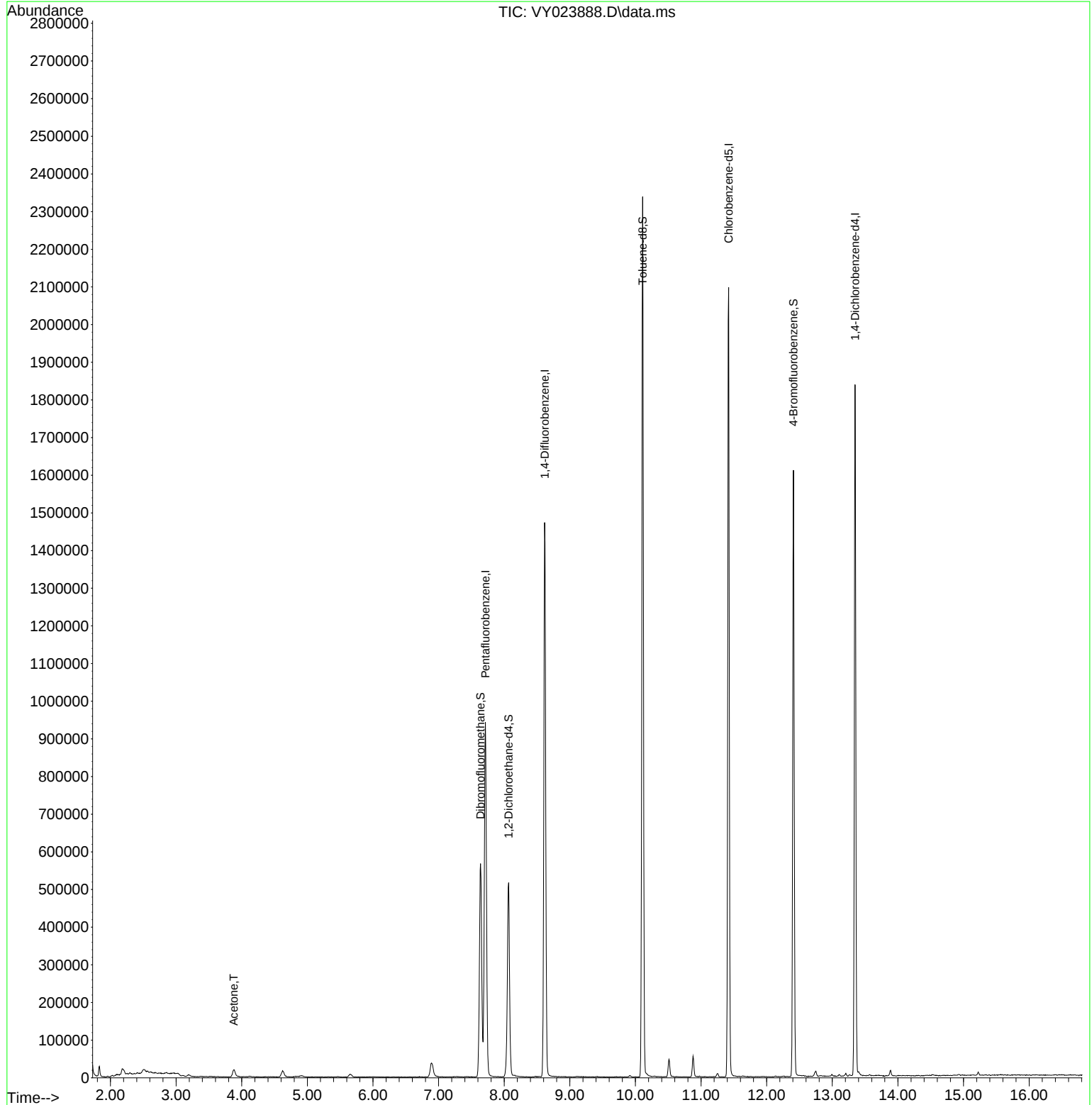
Internal Standards						
1) Pentafluorobenzene	7.713	168	757757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1302856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1139174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	483490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	393758	51.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.880%
35) Dibromofluoromethane	7.640	113	413300	49.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.109	98	1515318	46.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.408	95	464930	41.920	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.840%
Target Compounds						
16) Acetone	3.879	43	35241	15.515	ug/l	Qvalue 96

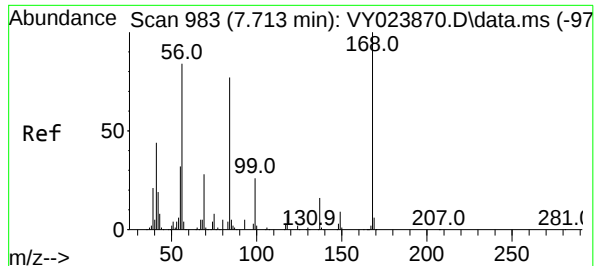
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023888.D
Acq On : 04 Dec 2025 12:45
Operator : SY/MD
Sample : Q3742-16
Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-1

Quant Time: Dec 05 01:45:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

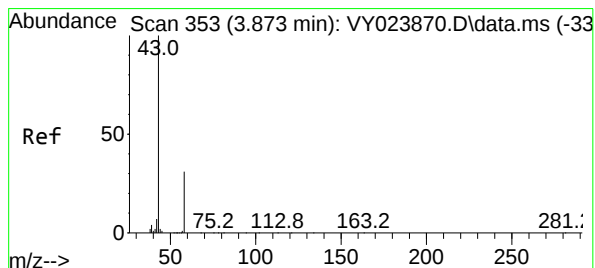
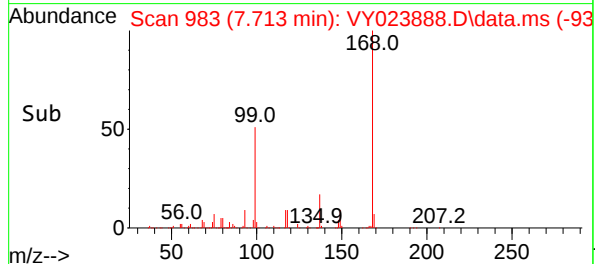
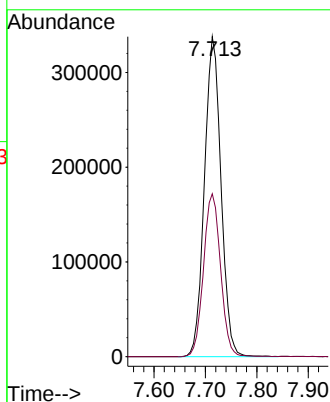
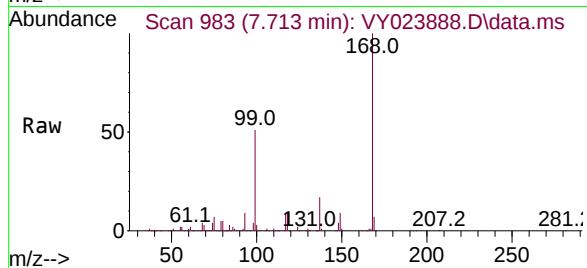




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023888.D
Acq: 04 Dec 2025 12:45

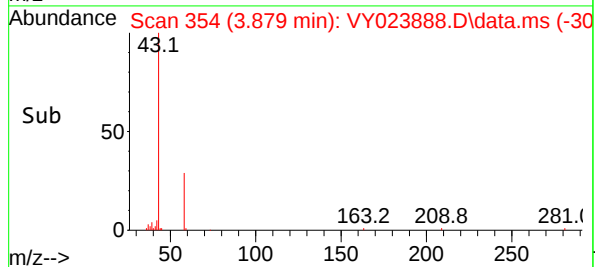
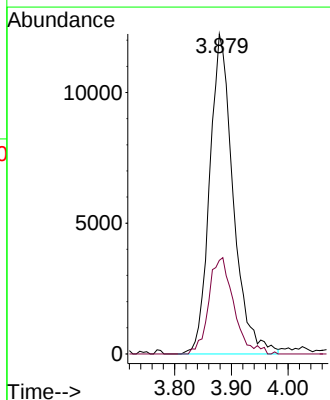
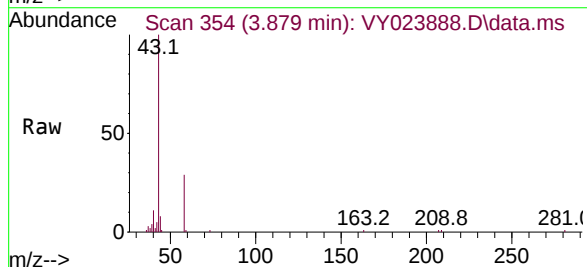
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-1

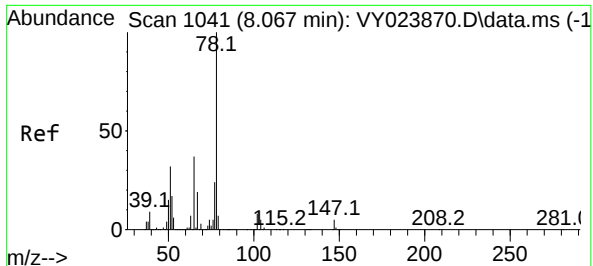
Tgt Ion:168 Resp: 757757
Ion Ratio Lower Upper
168 100
99 50.9 42.5 63.7



#16
Acetone
Concen: 15.515 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023888.D
Acq: 04 Dec 2025 12:45

Tgt Ion: 43 Resp: 35241
Ion Ratio Lower Upper
43 100
58 29.2 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 51.945 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023888.D

Acq: 04 Dec 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

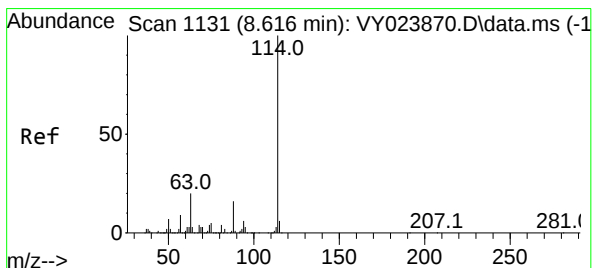
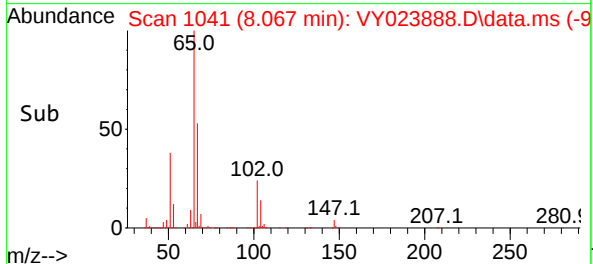
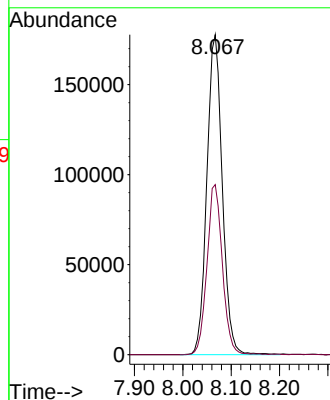
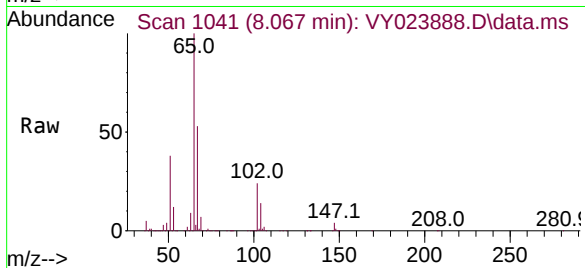
SB-1125-1

Tgt Ion: 65 Resp: 393758

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023888.D

Acq: 04 Dec 2025 12:45

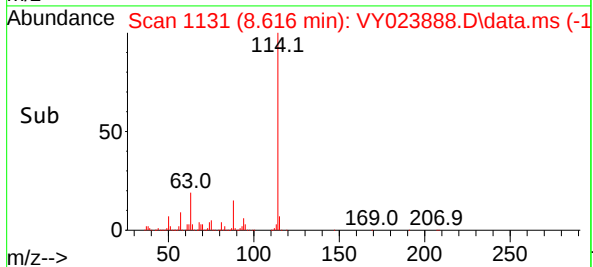
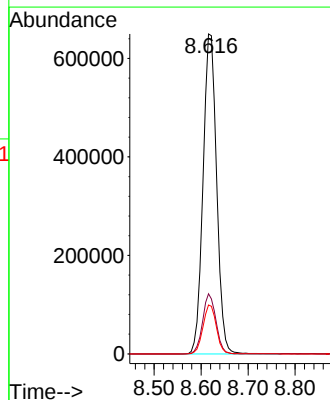
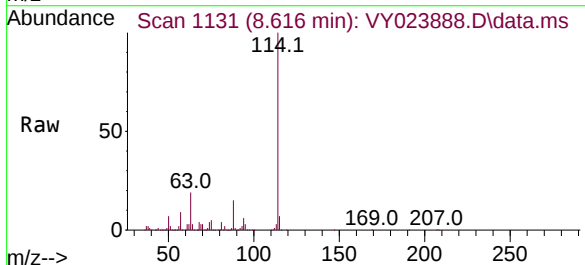
Tgt Ion: 114 Resp: 1302856

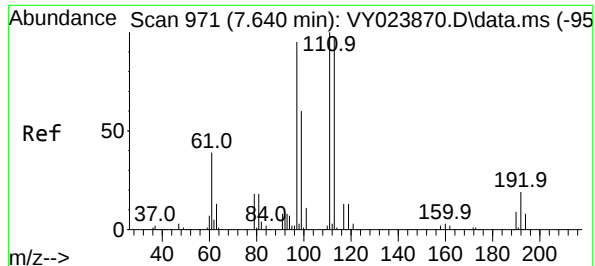
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.460 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023888.D

Acq: 04 Dec 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-1

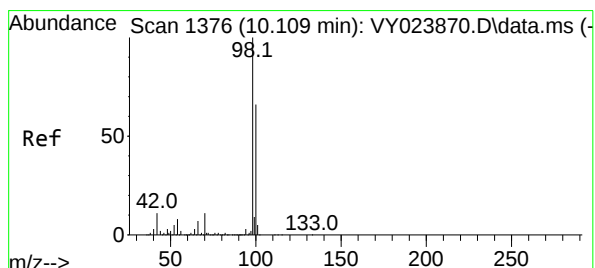
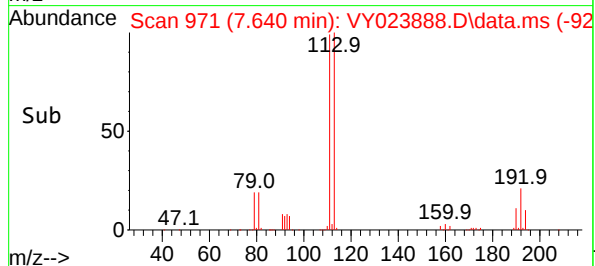
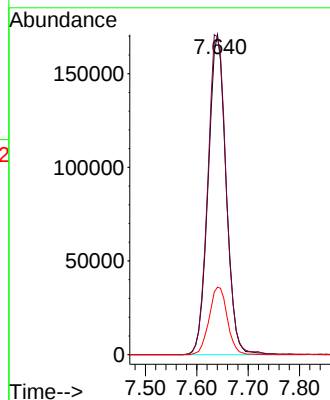
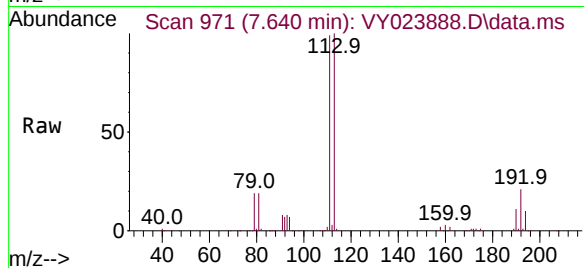
Tgt Ion:113 Resp: 413300

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 21.4 15.8 23.8



#50

Toluene-d8

Concen: 46.601 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023888.D

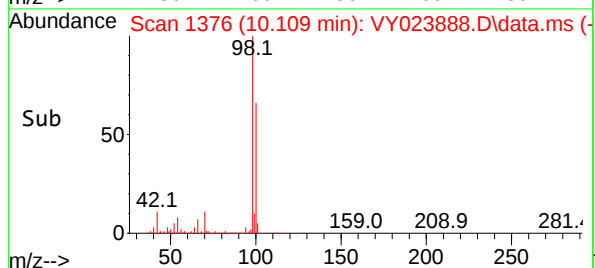
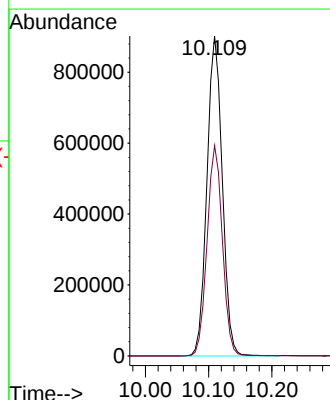
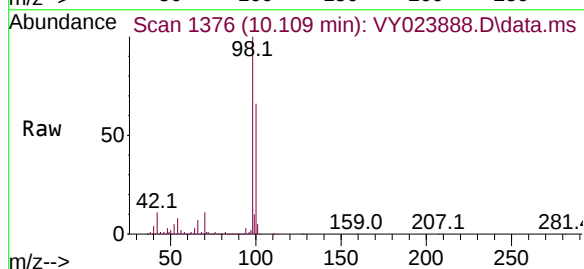
Acq: 04 Dec 2025 12:45

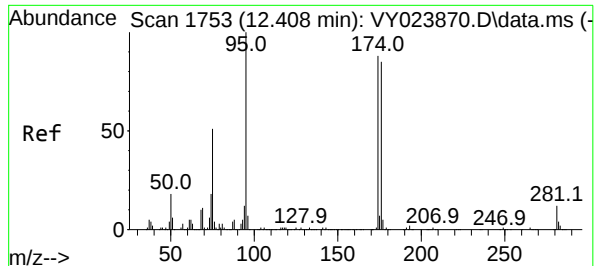
Tgt Ion: 98 Resp: 1515318

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 41.920 ug/l

RT: 12.408 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023888.D

Acq: 04 Dec 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-1

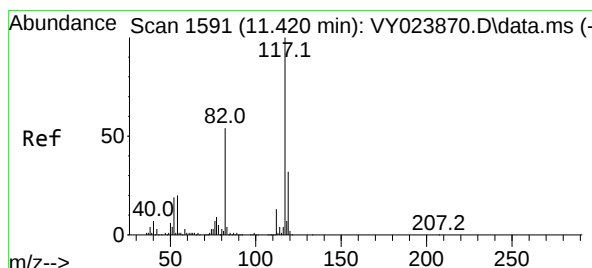
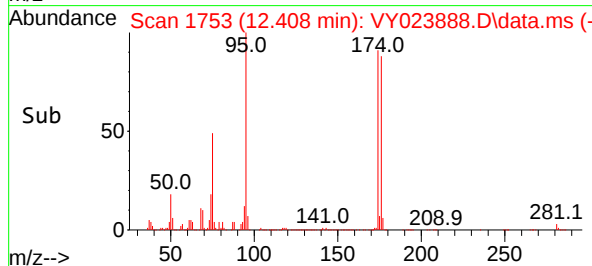
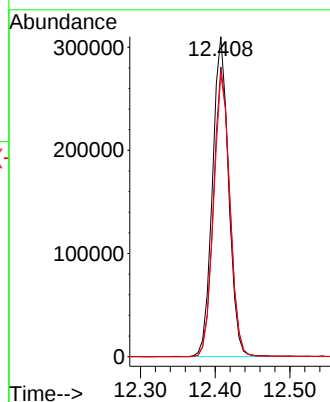
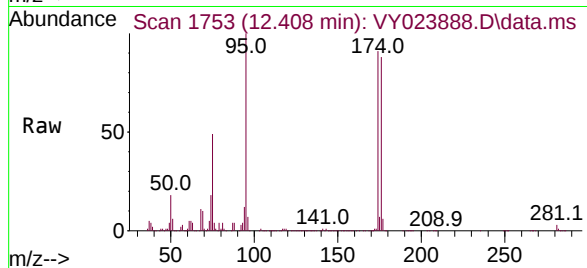
Tgt Ion: 95 Resp: 464930

Ion Ratio Lower Upper

95 100

174 91.5 0.0 169.6

176 88.6 0.0 164.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY023888.D

Acq: 04 Dec 2025 12:45

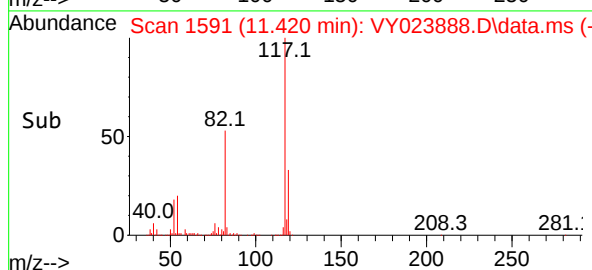
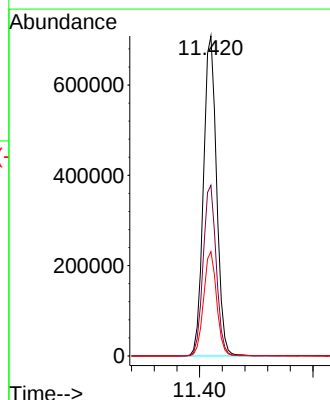
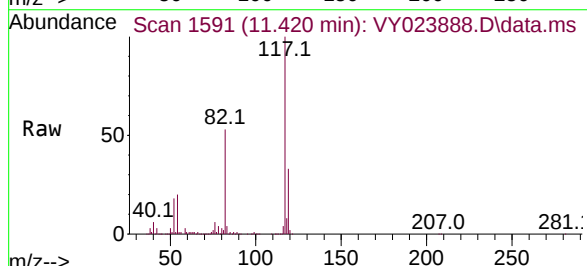
Tgt Ion: 117 Resp: 1139174

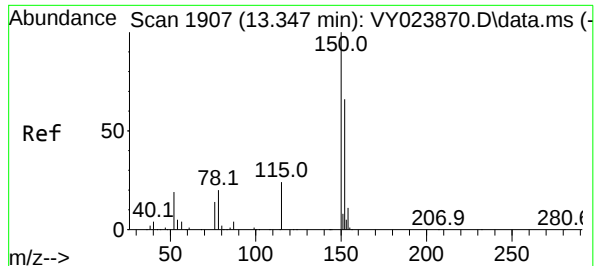
Ion Ratio Lower Upper

117 100

82 53.3 43.1 64.7

119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 19

Delta R.T. -0.000 min

Lab File: VY023888.D

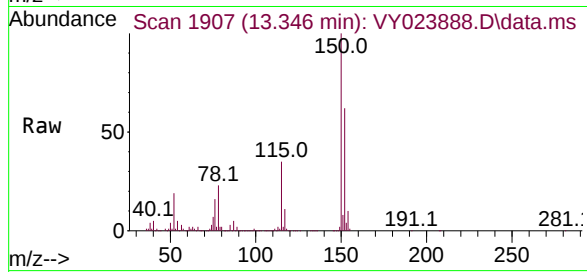
Acq: 04 Dec 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-1



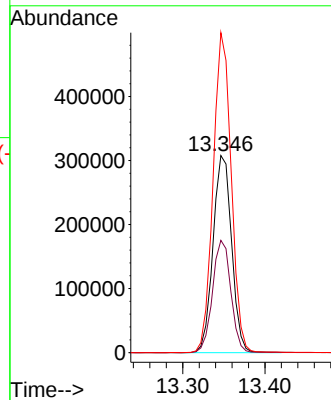
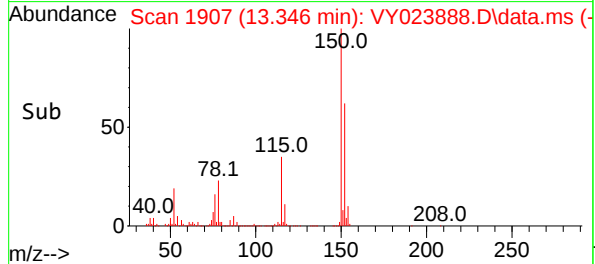
Tgt Ion:152 Resp: 483490

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.4

150 157.8 0.0 352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023888.D
Acq On : 04 Dec 2025 12:45
Operator : SY/MD
Sample : Q3742-16
Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-1

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\82Y120325S.M
Title : SW846 8260

Signal : TIC: VY023888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.178	71	75	84	rBV3	14872	40380	1.02%	0.194%
2	3.885	345	355	365	rBV	18738	57046	1.44%	0.275%
3	4.622	467	476	484	rBV2	16340	46145	1.16%	0.222%
4	6.890	836	848	861	rBV2	37191	125371	3.16%	0.603%
5	7.640	960	971	977	rBV2	566018	1389478	34.99%	6.686%
6	7.713	977	983	996	rVB	939348	2122120	53.44%	10.212%
7	8.067	1027	1041	1052	rBV	515656	1204316	30.33%	5.795%
8	8.616	1122	1131	1147	rBV	1471937	2916236	73.43%	14.033%
9	10.109	1367	1376	1394	rBV	2337629	3971196	100.00%	19.110%
10	10.512	1435	1442	1448	rBV2	46508	88041	2.22%	0.424%
11	10.877	1495	1502	1509	rBV	54885	91875	2.31%	0.442%
12	11.420	1579	1591	1606	rBV	2096781	3410995	85.89%	16.414%
13	12.408	1745	1753	1766	rBV	1610235	2502495	63.02%	12.042%
14	13.346	1900	1907	1914	rBV	1833684	2814885	70.88%	13.546%

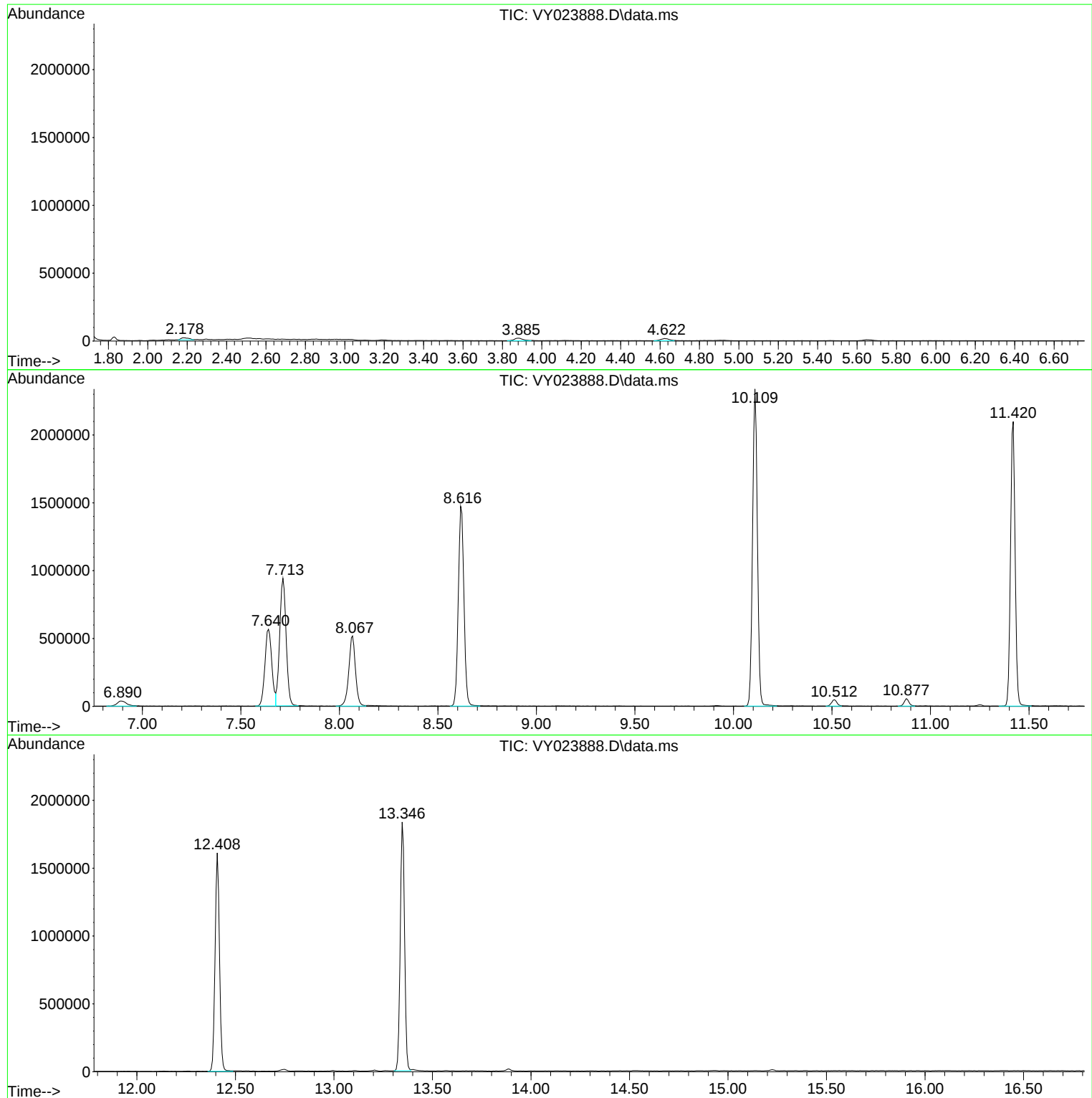
Sum of corrected areas: 20780579

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023888.D
Acq On : 04 Dec 2025 12:45
Operator : SY/MD
Sample : Q3742-16
Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023888.D
Acq On : 04 Dec 2025 12:45
Operator : SY/MD
Sample : Q3742-16
Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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\VY120425\
Data File : VY023888.D
Acq On : 04 Dec 2025 12:45
Operator : SY/MD
Sample : Q3742-16
Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-1

A

B

C

D

E

F

G

H

I

J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023889.D
 Acq On : 04 Dec 2025 13:09
 Operator : SY/MD
 Sample : Q3742-17
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-25

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 05 01:46:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

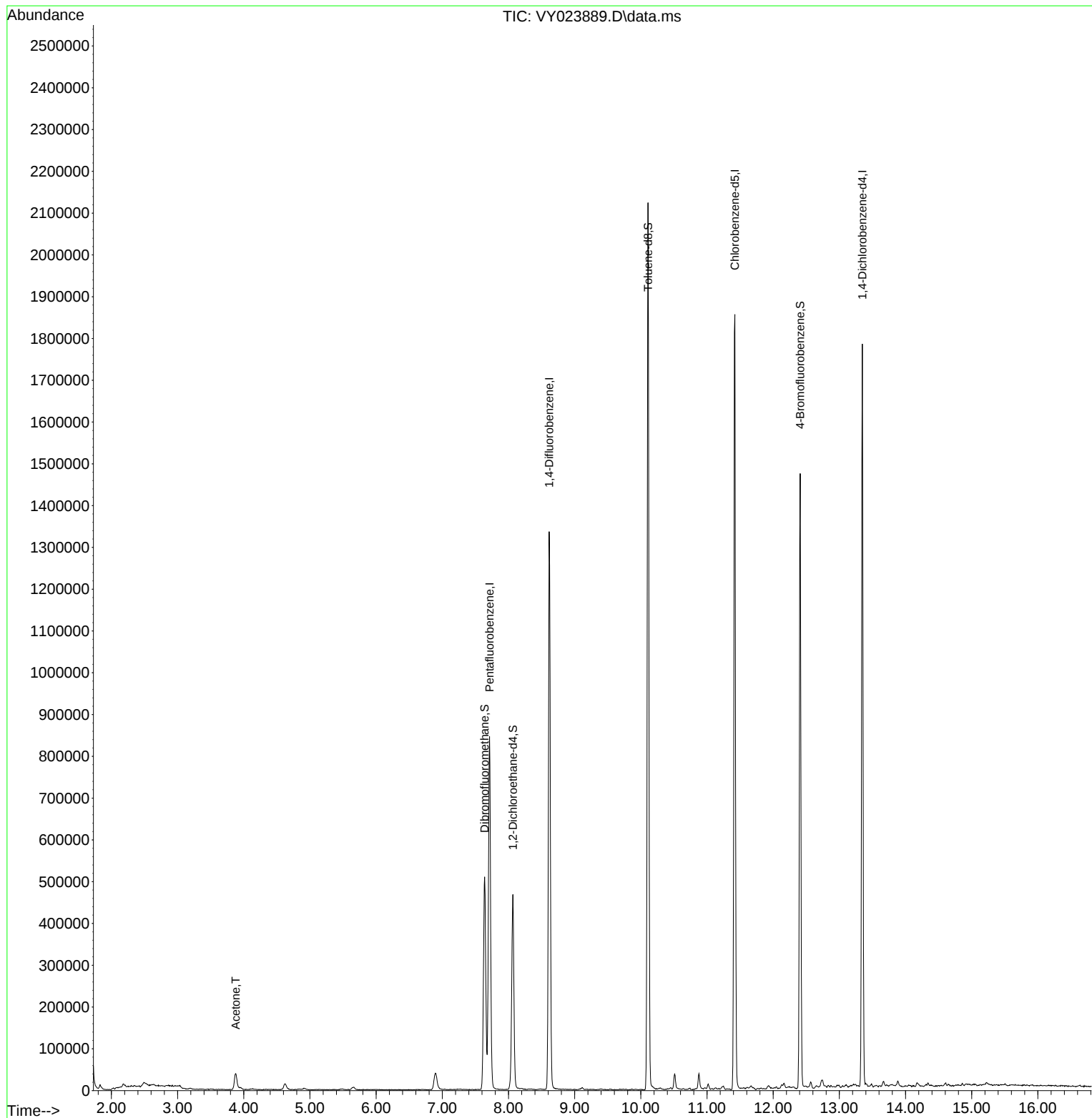
Internal Standards						
1) Pentafluorobenzene	7.713	168	676192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1168984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1032423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	459524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	362112	53.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.060%
35) Dibromofluoromethane	7.640	113	375395	50.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.109	98	1359016	46.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.408	95	429811	43.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.380%
Target Compounds						
16) Acetone	3.879	43	70955	35.006	ug/l	Qvalue 95

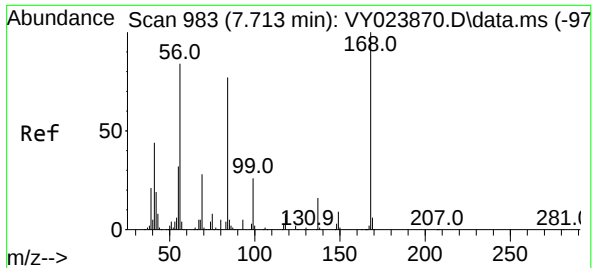
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023889.D
Acq On : 04 Dec 2025 13:09
Operator : SY/MD
Sample : Q3742-17
Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

Quant Time: Dec 05 01:46:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

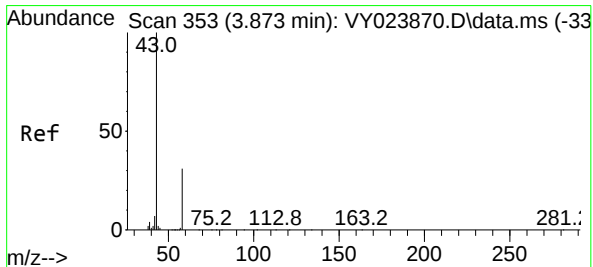
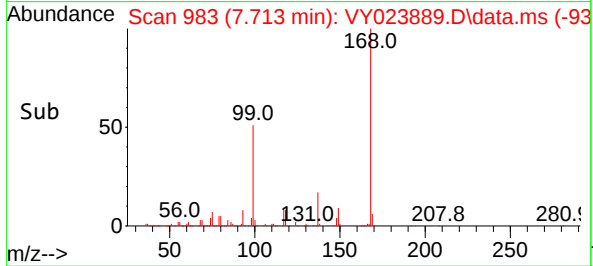
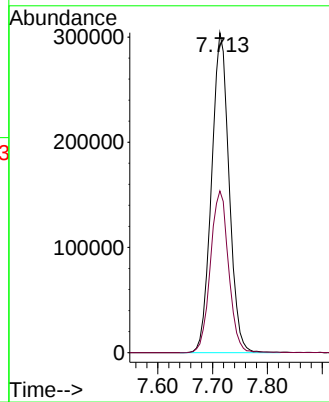
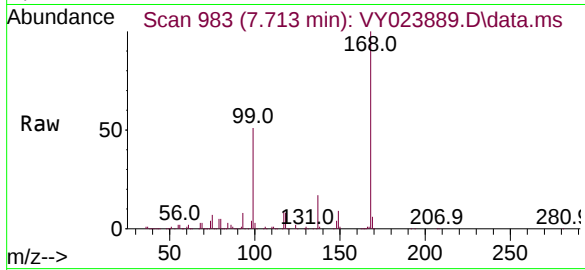




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

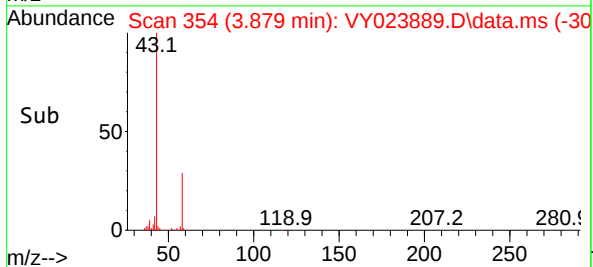
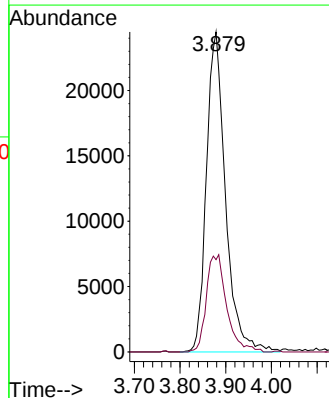
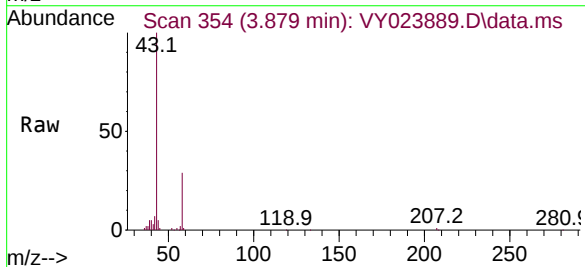
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

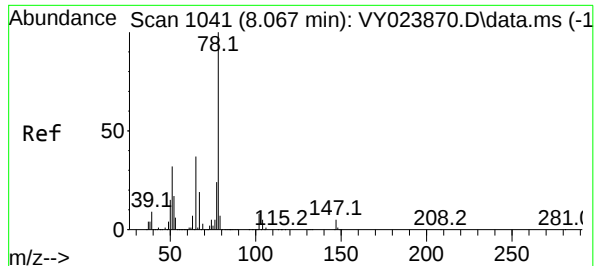
Tgt Ion:168 Resp: 676192
Ion Ratio Lower Upper
168 100
99 50.5 42.5 63.7



#16
Acetone
Concen: 35.006 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

Tgt Ion: 43 Resp: 70955
Ion Ratio Lower Upper
43 100
58 28.8 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 53.532 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023889.D

Acq: 04 Dec 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

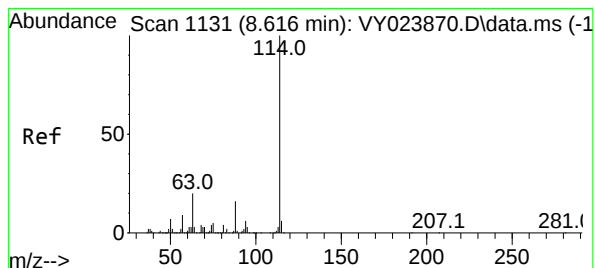
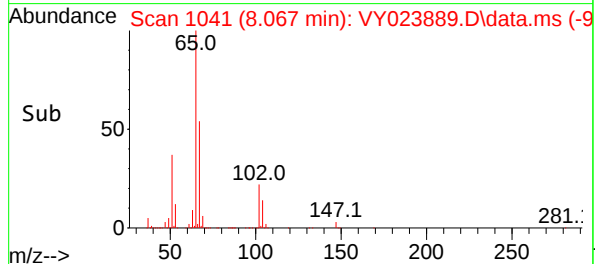
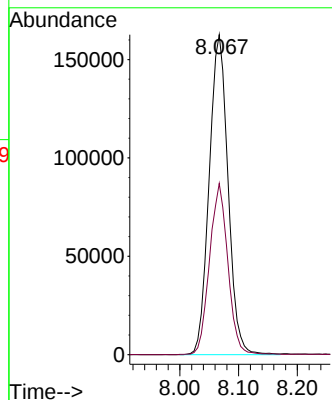
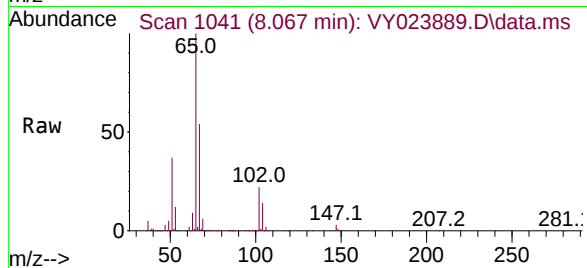
SB-1125-25

Tgt Ion: 65 Resp: 362112

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023889.D

Acq: 04 Dec 2025 13:09

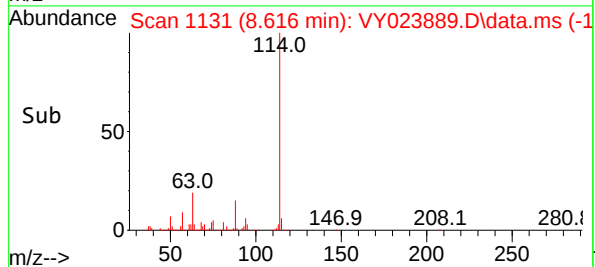
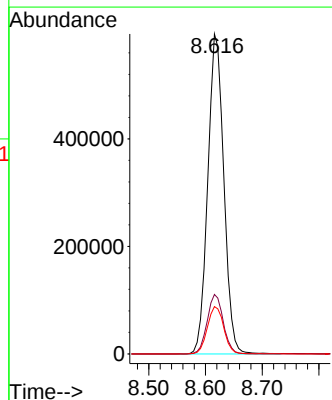
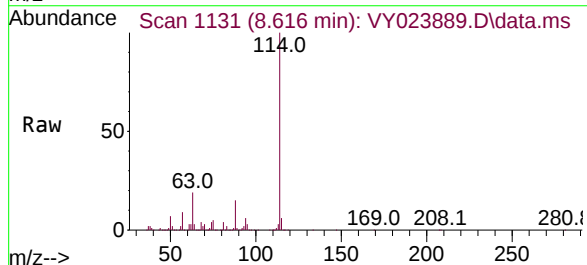
Tgt Ion: 114 Resp: 1168984

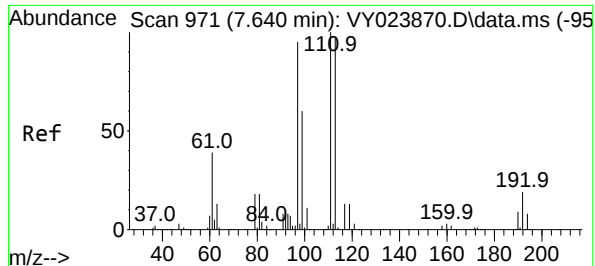
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.069 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023889.D

Acq: 04 Dec 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-25

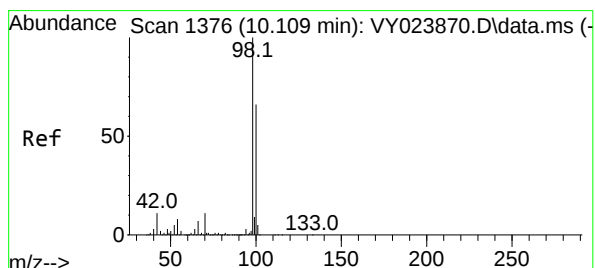
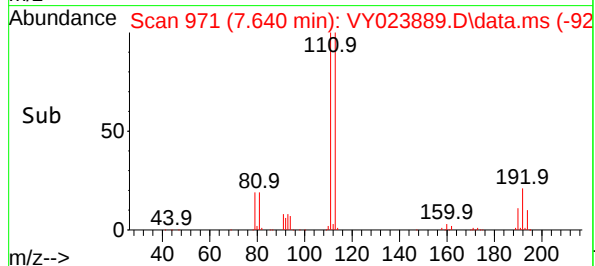
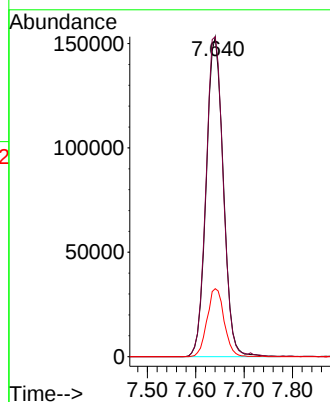
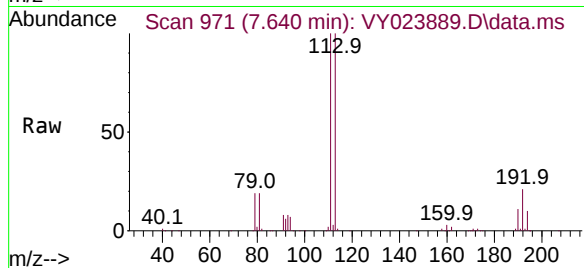
Tgt Ion:113 Resp: 375395

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 21.1 15.8 23.8



#50

Toluene-d8

Concen: 46.580 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023889.D

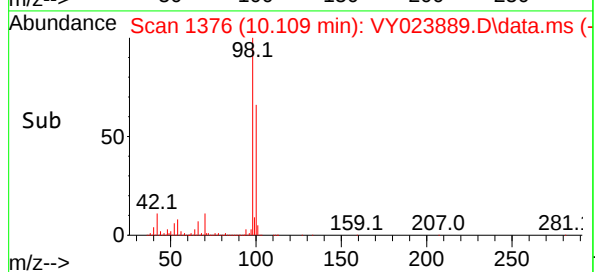
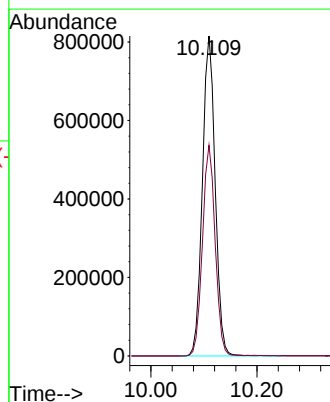
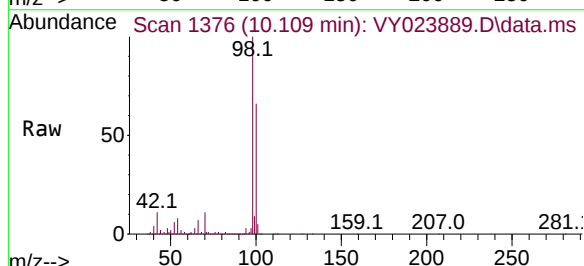
Acq: 04 Dec 2025 13:09

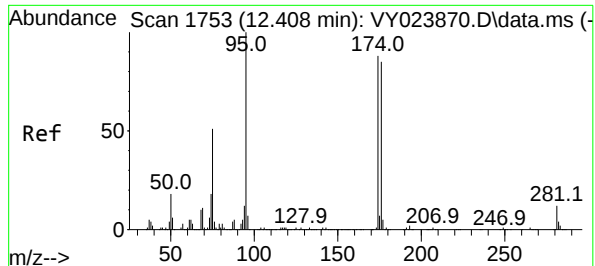
Tgt Ion: 98 Resp: 1359016

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

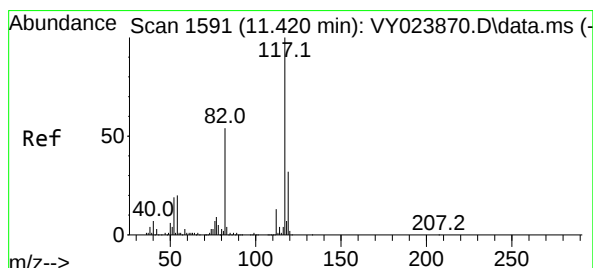
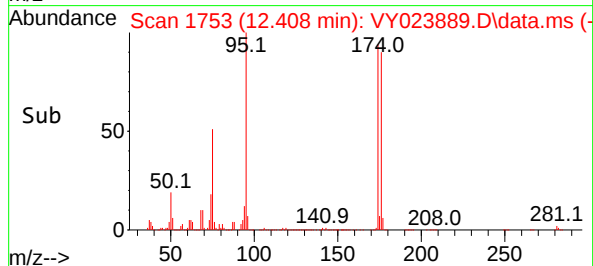
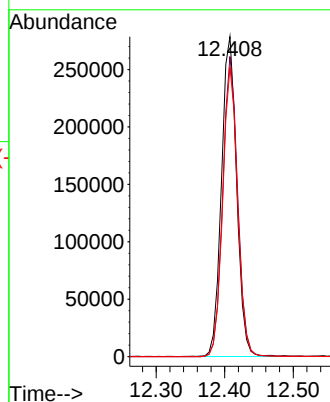
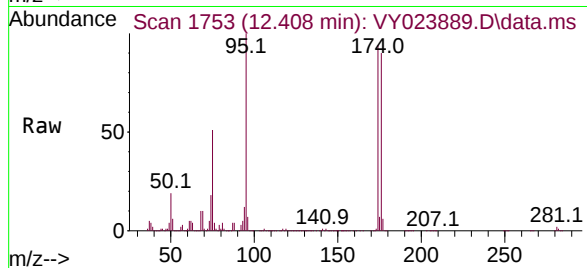




#62
4-Bromofluorobenzene
Concen: 43.191 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

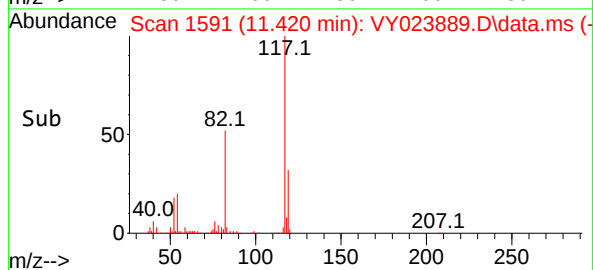
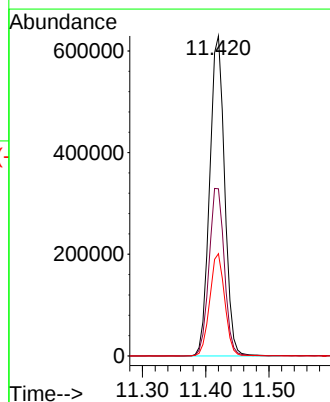
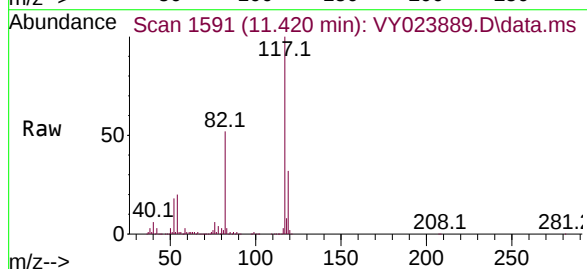
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

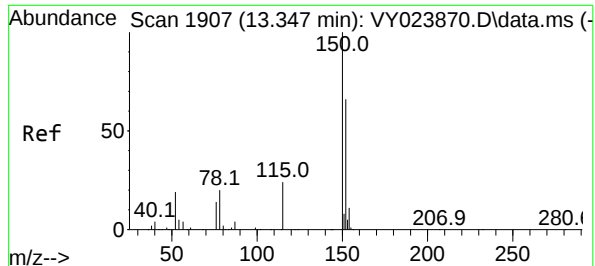
Tgt Ion: 95 Resp: 429811
Ion Ratio Lower Upper
95 100
174 92.3 0.0 169.6
176 88.8 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023889.D
Acq: 04 Dec 2025 13:09

Tgt Ion: 117 Resp: 1032423
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 19

Delta R.T. -0.000 min

Lab File: VY023889.D

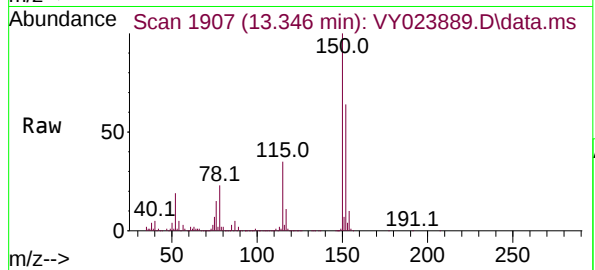
Acq: 04 Dec 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-25



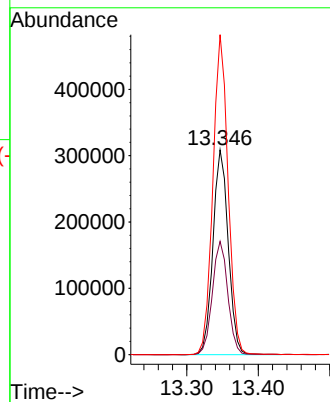
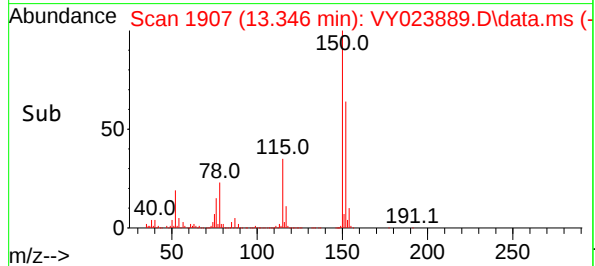
Tgt Ion:152 Resp: 459524

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.4

150 155.2 0.0 352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023889.D
 Acq On : 04 Dec 2025 13:09
 Operator : SY/MD
 Sample : Q3742-17
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-25

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\82Y120325S.M

Title : SW846 8260

Signal : TIC: VY023889.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	345	354	365	rBV2	38146	114063	3.19%	0.601%
2	4.622	464	476	487	rBV4	14260	47875	1.34%	0.252%
3	6.896	839	849	866	rBV2	39577	136104	3.81%	0.717%
4	7.640	961	971	977	rBV	508374	1251119	34.99%	6.592%
5	7.713	977	983	1000	rVB	844122	1900799	53.16%	10.015%
6	8.067	1028	1041	1053	rBV	466455	1077983	30.15%	5.680%
7	8.616	1122	1131	1144	rBV	1334935	2629456	73.54%	13.854%
8	10.109	1368	1376	1394	rBV	2123287	3575433	100.00%	18.838%
9	10.512	1435	1442	1452	rBV2	36047	71174	1.99%	0.375%
10	10.877	1496	1502	1510	rBV	36094	62102	1.74%	0.327%
11	11.420	1582	1591	1605	rBV	1855317	3107964	86.93%	16.375%
12	12.408	1745	1753	1764	rBV	1472115	2304031	64.44%	12.140%
13	12.743	1799	1808	1813	rBV8	16927	44646	1.25%	0.235%
14	13.346	1900	1907	1914	rBV	1777223	2656675	74.30%	13.998%

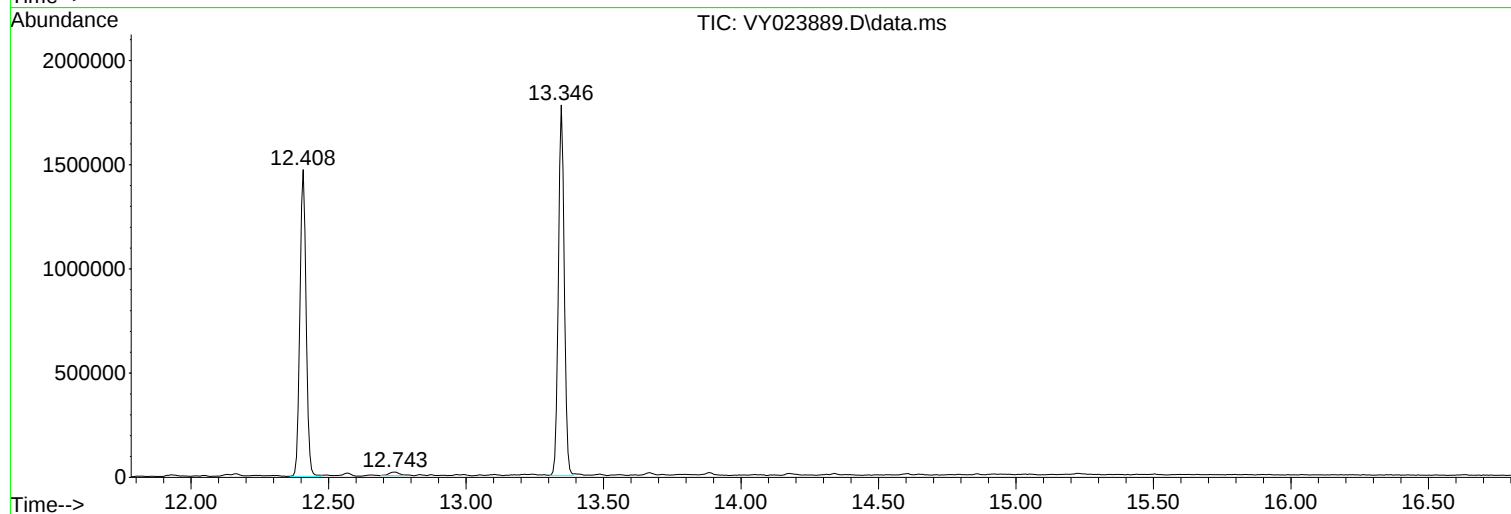
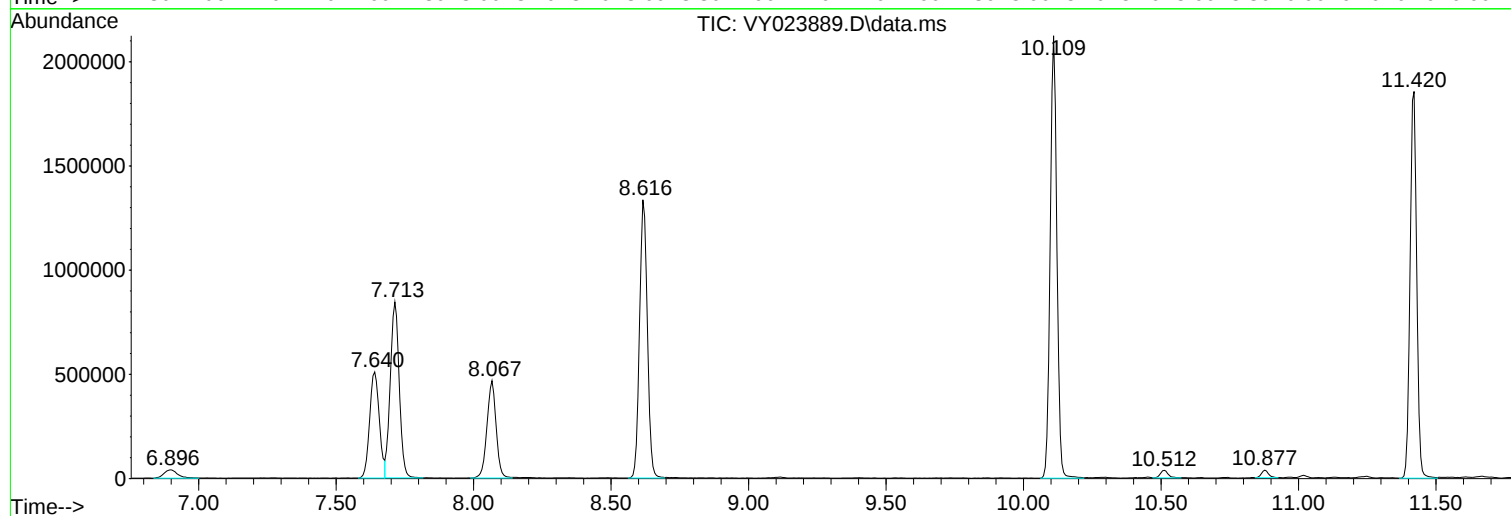
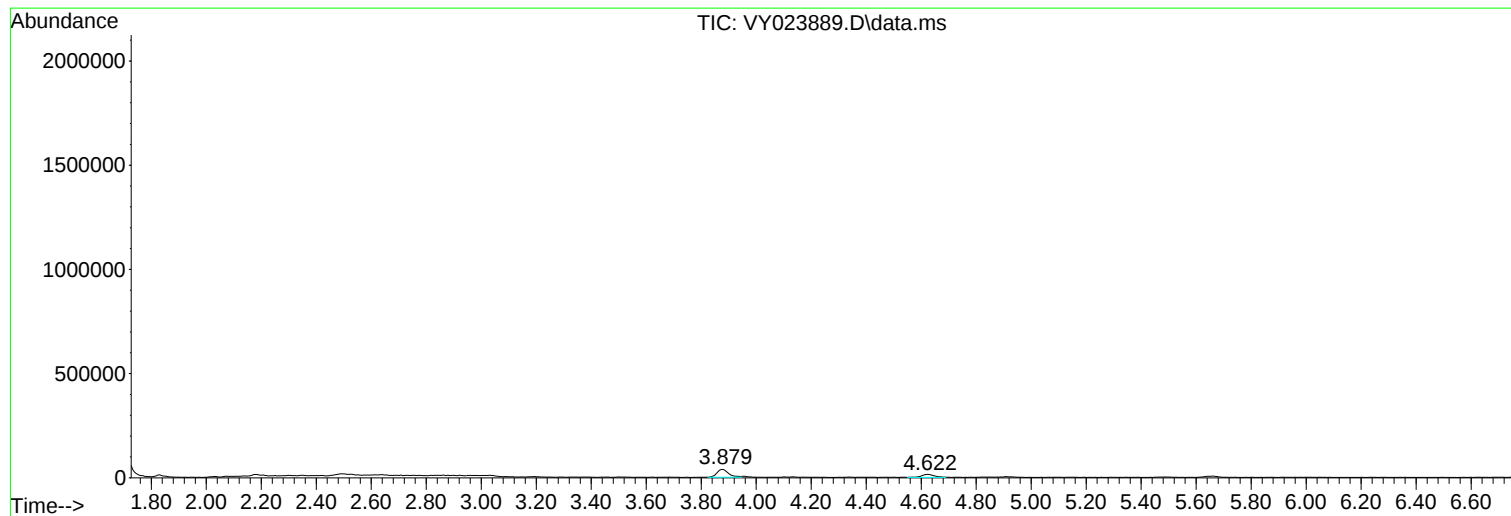
Sum of corrected areas: 18979424

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023889.D
Acq On : 04 Dec 2025 13:09
Operator : SY/MD
Sample : Q3742-17
Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023889.D
Acq On : 04 Dec 2025 13:09
Operator : SY/MD
Sample : Q3742-17
Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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_Y\Data\VY120425\
Data File : VY023889.D
Acq On : 04 Dec 2025 13:09
Operator : SY/MD
Sample : Q3742-17
Misc : 4.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-25

A

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023890.D
Acq On : 04 Dec 2025 13:32
Operator : SY/MD
Sample : Q3742-18
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

A
B
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Quant Time: Dec 05 01:46:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

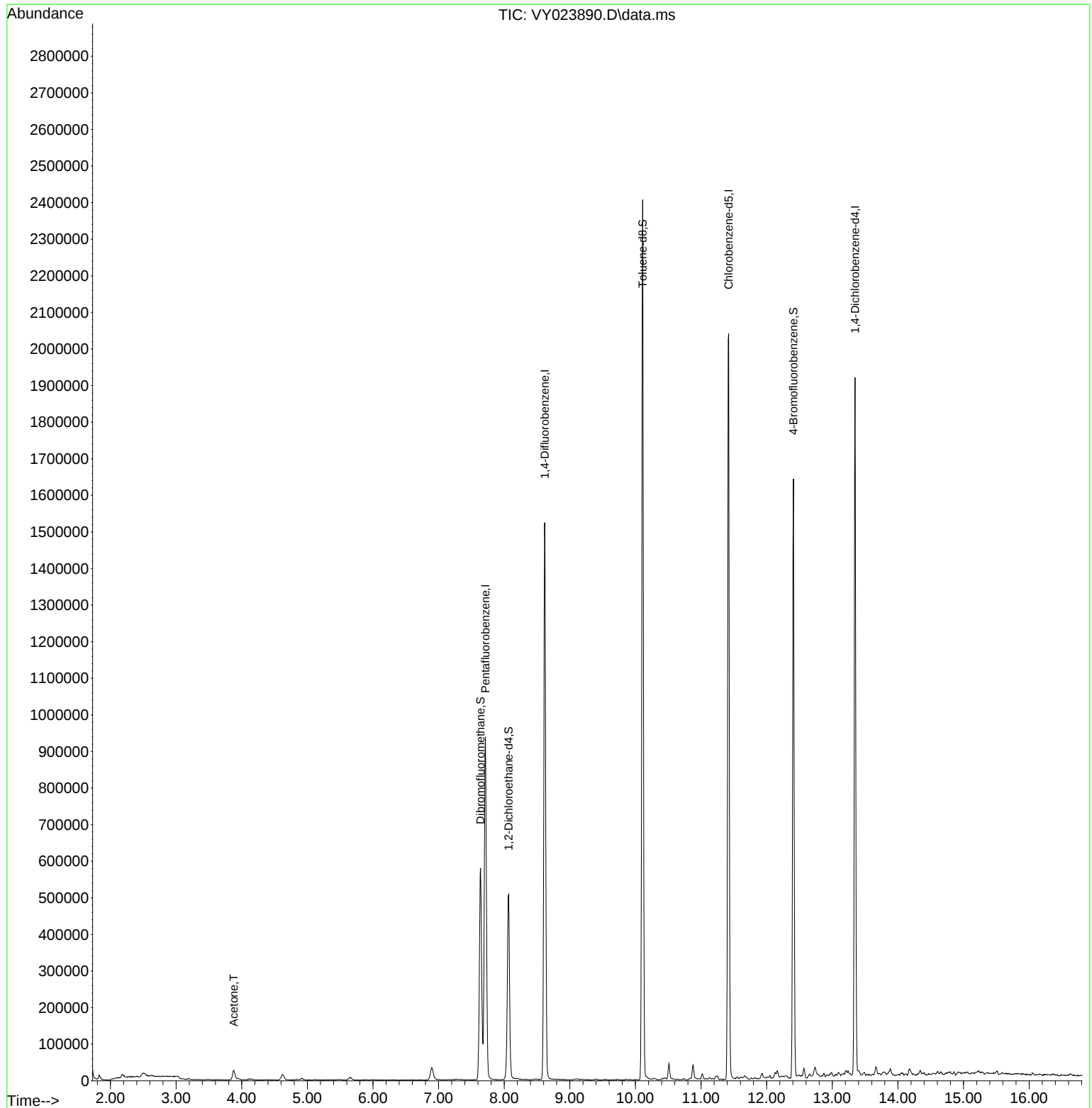
Internal Standards							
1) Pentafluorobenzene		7.713	168	754176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.616	114	1322794	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.420	117	1144208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.347	152	497891	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.067	65	398649	52.840	ug/l	0.00
Spiked Amount 50.000		Range 50 - 163		Recovery = 105.680%			
35) Dibromofluoromethane		7.640	113	415857	49.016	ug/l	0.00
Spiked Amount 50.000		Range 54 - 147		Recovery = 98.040%			
50) Toluene-d8		10.109	98	1529804	46.337	ug/l	0.00
Spiked Amount 50.000		Range 58 - 134		Recovery = 92.680%			
62) 4-Bromofluorobenzene		12.408	95	467005	41.472	ug/l	0.00
Spiked Amount 50.000		Range 30 - 143		Recovery = 82.940%			
Target Compounds							
							Qvalue
16) Acetone		3.879	43	45373	20.070	ug/l	100

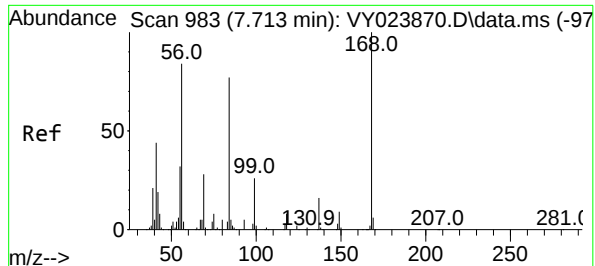
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023890.D
Acq On : 04 Dec 2025 13:32
Operator : SY/MD
Sample : Q3742-18
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

Quant Time: Dec 05 01:46:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

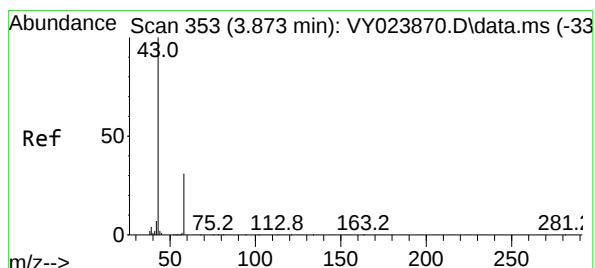
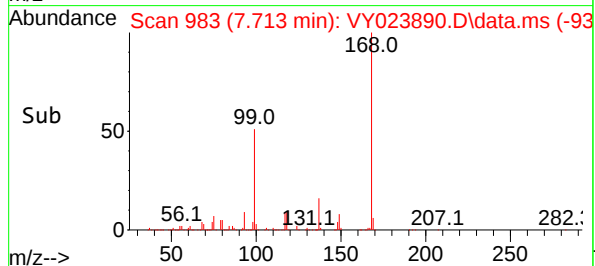
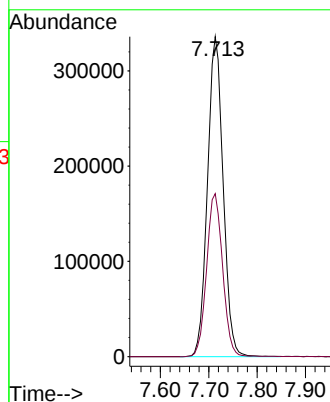
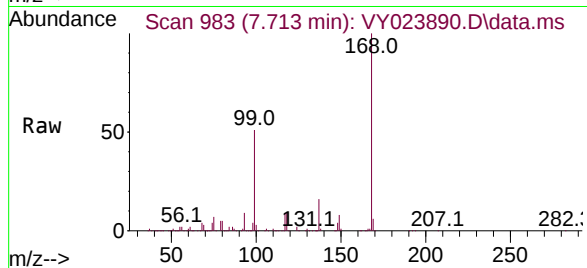




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

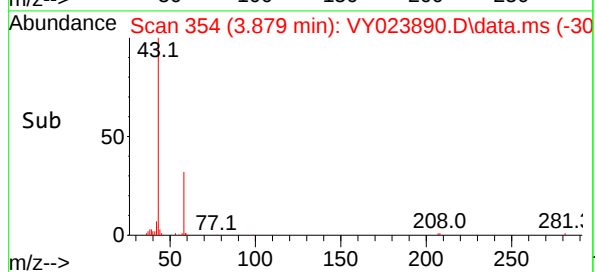
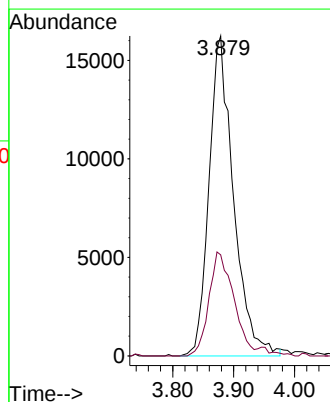
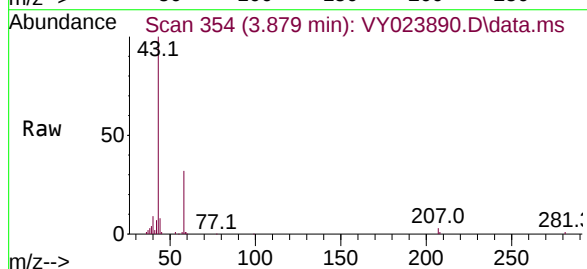
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

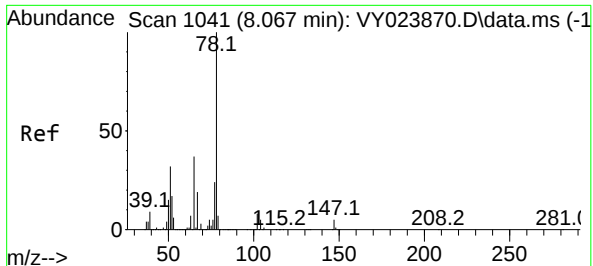
Tgt Ion:168 Resp: 754176
Ion Ratio Lower Upper
168 100
99 50.9 42.5 63.7



#16
Acetone
Concen: 20.070 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023890.D
Acq: 04 Dec 2025 13:32

Tgt Ion: 43 Resp: 45373
Ion Ratio Lower Upper
43 100
58 31.6 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 52.840 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

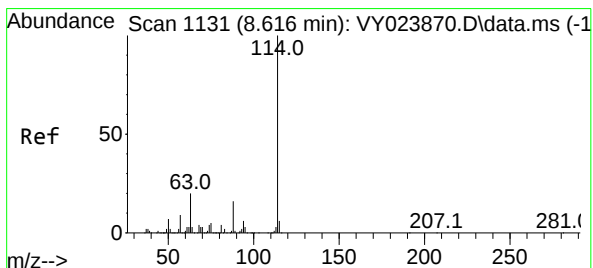
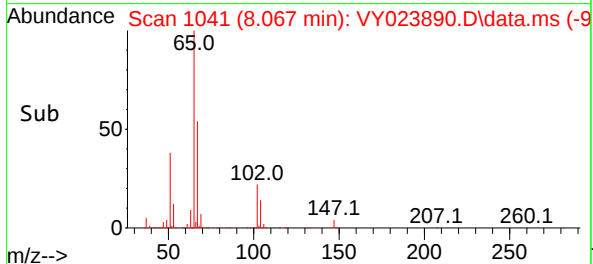
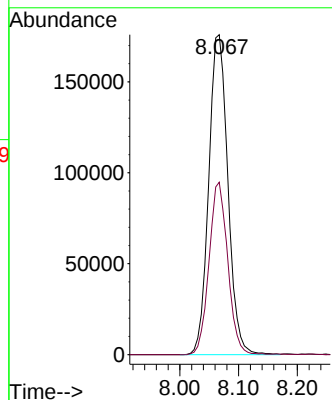
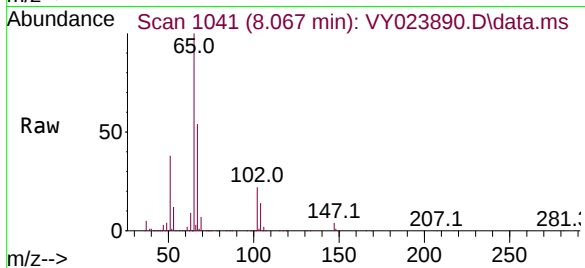
SB-1125-24

Tgt Ion: 65 Resp: 398649

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

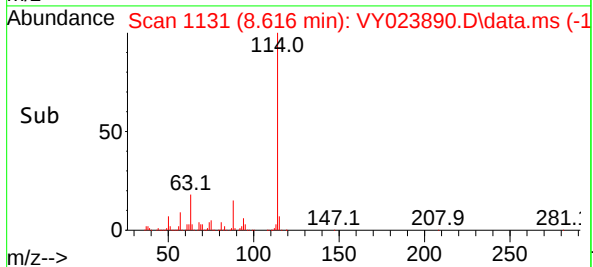
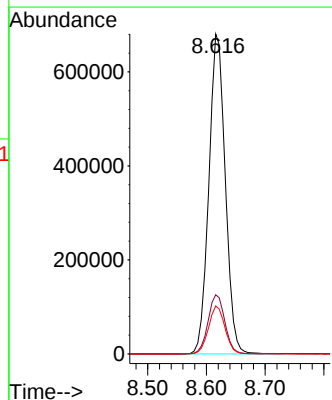
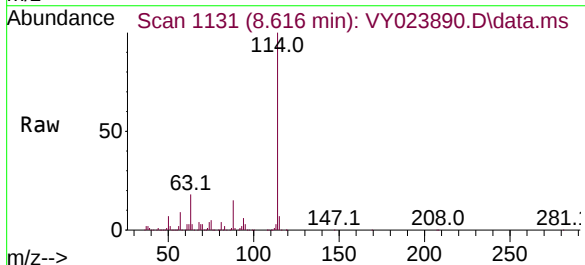
Tgt Ion: 114 Resp: 1322794

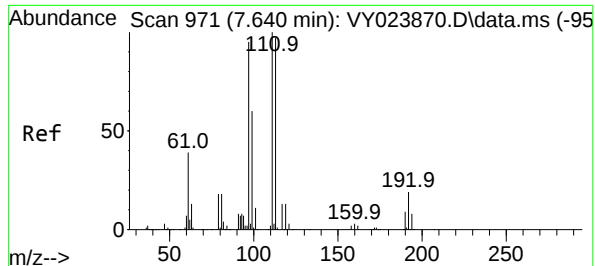
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.016 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-24

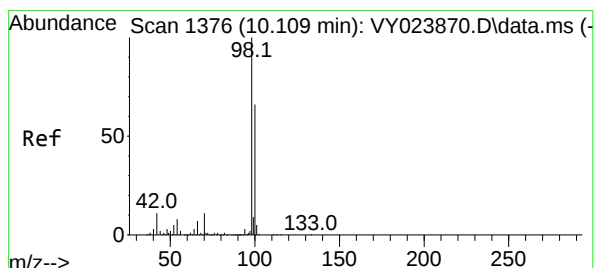
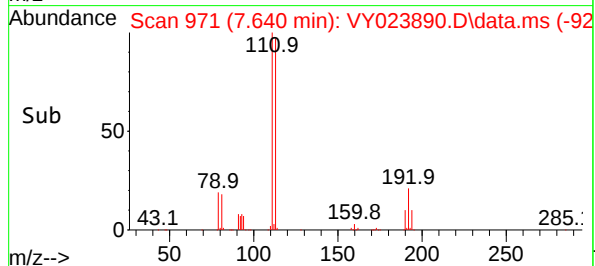
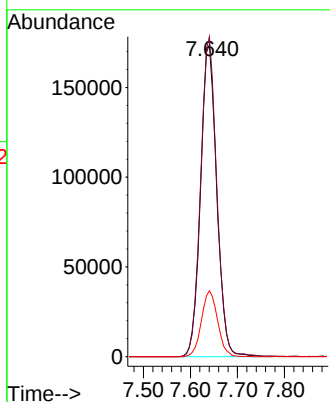
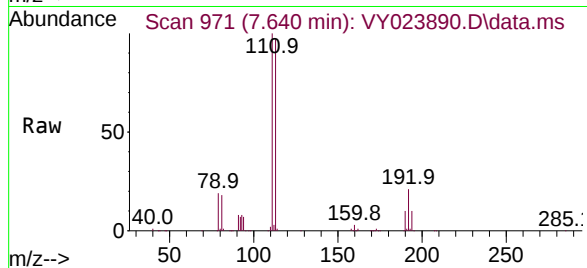
Tgt Ion:113 Resp: 415857

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 21.1 15.8 23.8



#50

Toluene-d8

Concen: 46.337 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023890.D

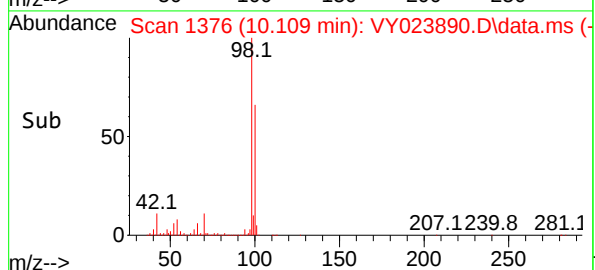
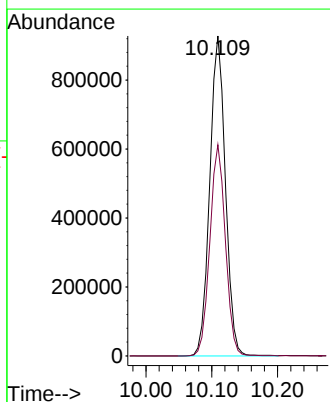
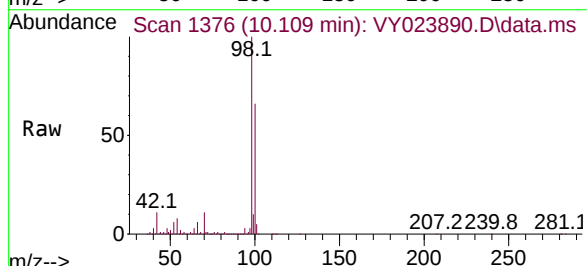
Acq: 04 Dec 2025 13:32

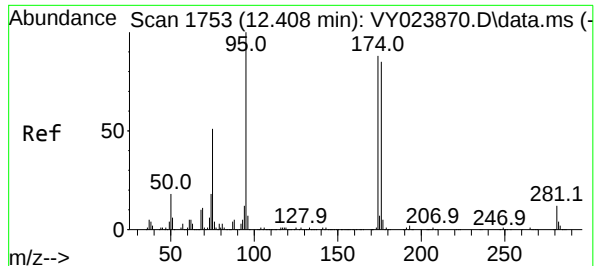
Tgt Ion: 98 Resp: 1529804

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 41.472 ug/l

RT: 12.408 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-24

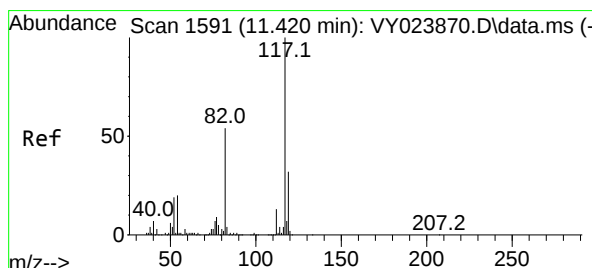
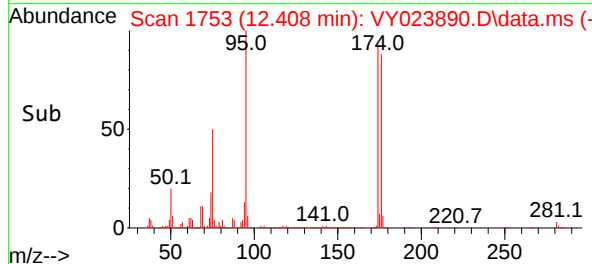
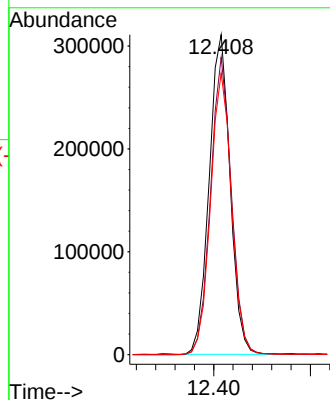
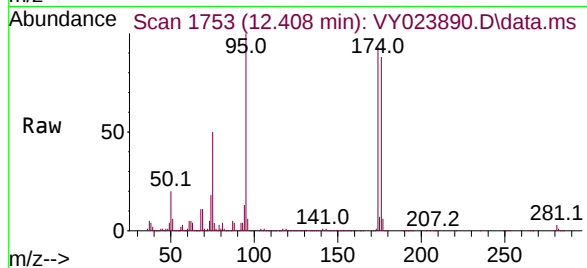
Tgt Ion: 95 Resp: 467005

Ion Ratio Lower Upper

95 100

174 92.9 0.0 169.6

176 88.6 0.0 164.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY023890.D

Acq: 04 Dec 2025 13:32

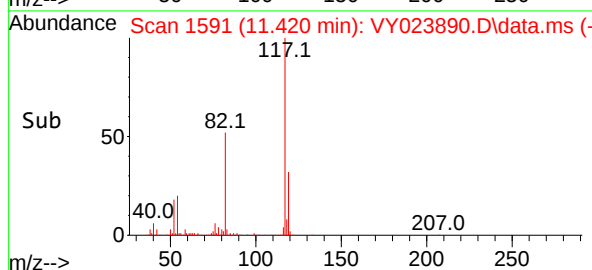
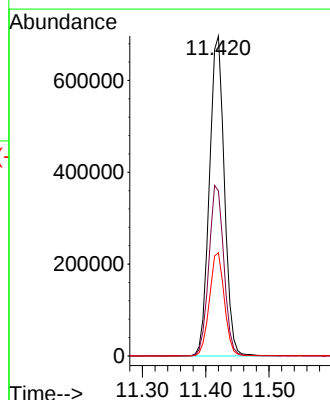
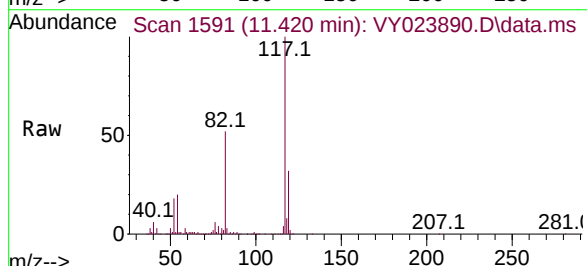
Tgt Ion: 117 Resp: 1144208

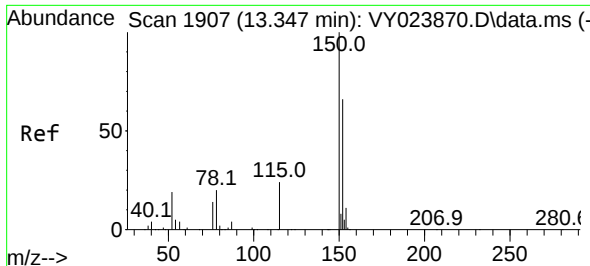
Ion Ratio Lower Upper

117 100

82 51.5 43.1 64.7

119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 19

Delta R.T. -0.000 min

Lab File: VY023890.D

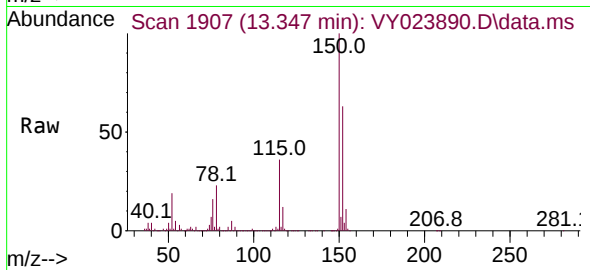
Acq: 04 Dec 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-24



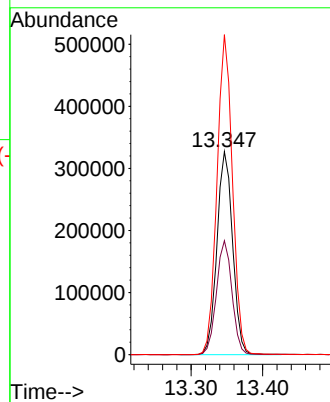
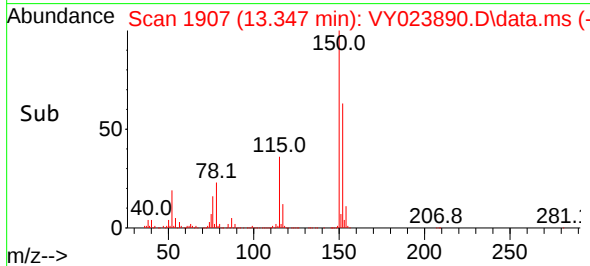
Tgt Ion:152 Resp: 497891

Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.4

150 155.4 0.0 352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023890.D
 Acq On : 04 Dec 2025 13:32
 Operator : SY/MD
 Sample : Q3742-18
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-24

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\82Y120325S.M
 Title : SW846 8260

Signal : TIC: VY023890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	343	354	363	rBV	26397	75060	1.87%	0.355%
2	4.616	466	475	487	rBV3	14462	48344	1.21%	0.229%
3	6.896	839	849	861	rBV2	33746	109689	2.74%	0.519%
4	7.640	959	971	977	rBV	578770	1402694	35.03%	6.643%
5	7.713	977	983	1000	rVB	935859	2112706	52.77%	10.005%
6	8.067	1027	1041	1052	rBV	505844	1200362	29.98%	5.685%
7	8.616	1122	1131	1149	rBV	1522240	2974654	74.30%	14.087%
8	10.109	1367	1376	1387	rBV	2405556	4003737	100.00%	18.960%
9	10.512	1436	1442	1449	rBV	42970	74557	1.86%	0.353%
10	10.877	1497	1502	1514	rVB	38613	70659	1.76%	0.335%
11	11.420	1583	1591	1605	rBV	2038348	3434602	85.78%	16.265%
12	12.408	1746	1753	1761	rBV	1638521	2528444	63.15%	11.974%
13	12.566	1775	1779	1786	rVB3	26762	49218	1.23%	0.233%
14	12.737	1800	1807	1821	rVB3	25916	78529	1.96%	0.372%
15	13.347	1900	1907	1914	rBV	1904990	2868334	71.64%	13.584%
16	13.664	1954	1959	1965	rBV6	21468	40639	1.02%	0.192%
17	14.176	2038	2043	2050	rBV7	17575	43974	1.10%	0.208%

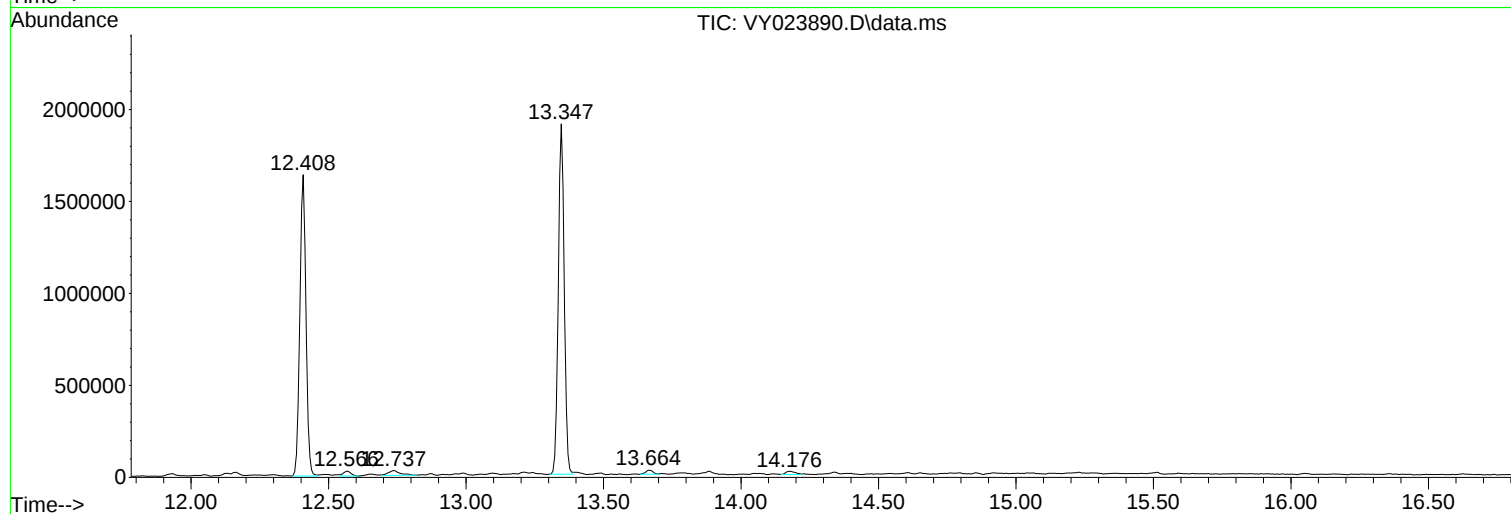
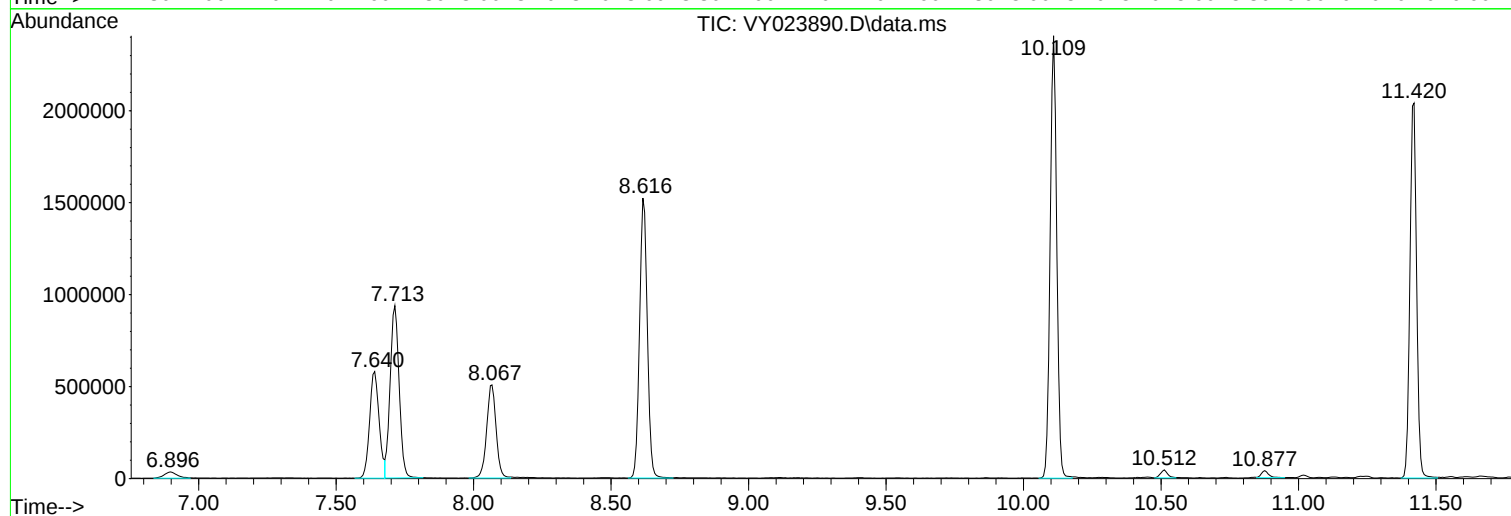
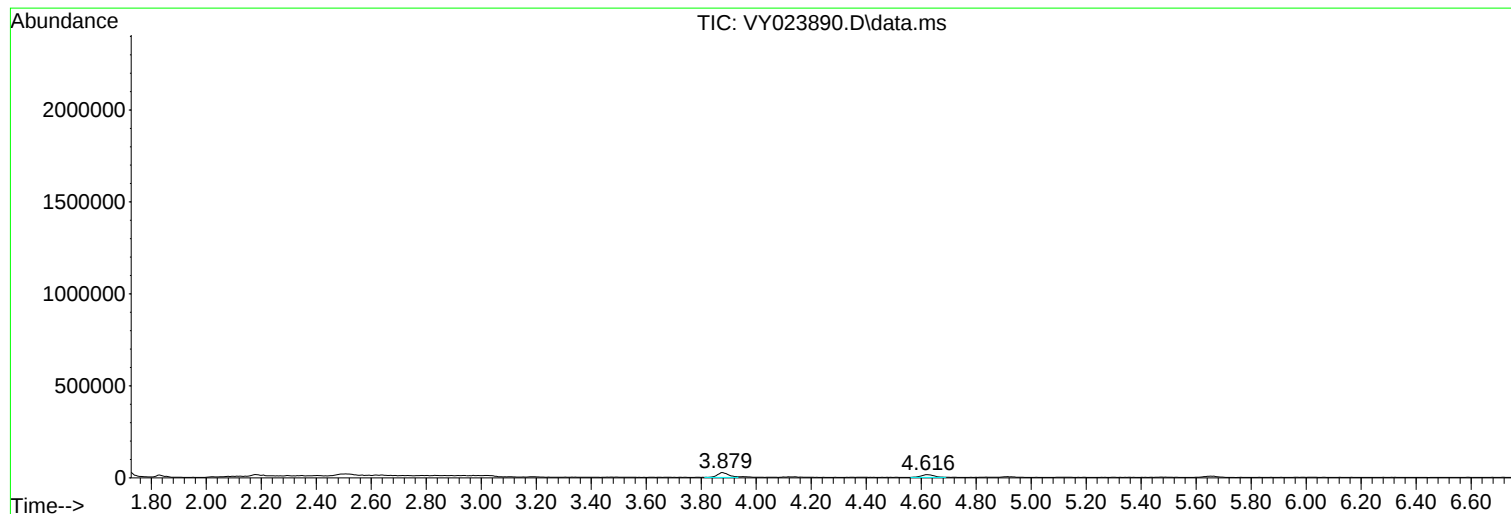
Sum of corrected areas: 21116202

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023890.D
Acq On : 04 Dec 2025 13:32
Operator : SY/MD
Sample : Q3742-18
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023890.D
Acq On : 04 Dec 2025 13:32
Operator : SY/MD
Sample : Q3742-18
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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_Y\Data\VY120425\
Data File : VY023890.D
Acq On : 04 Dec 2025 13:32
Operator : SY/MD
Sample : Q3742-18
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-24

A

B

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D

E

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

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

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBL01

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%	

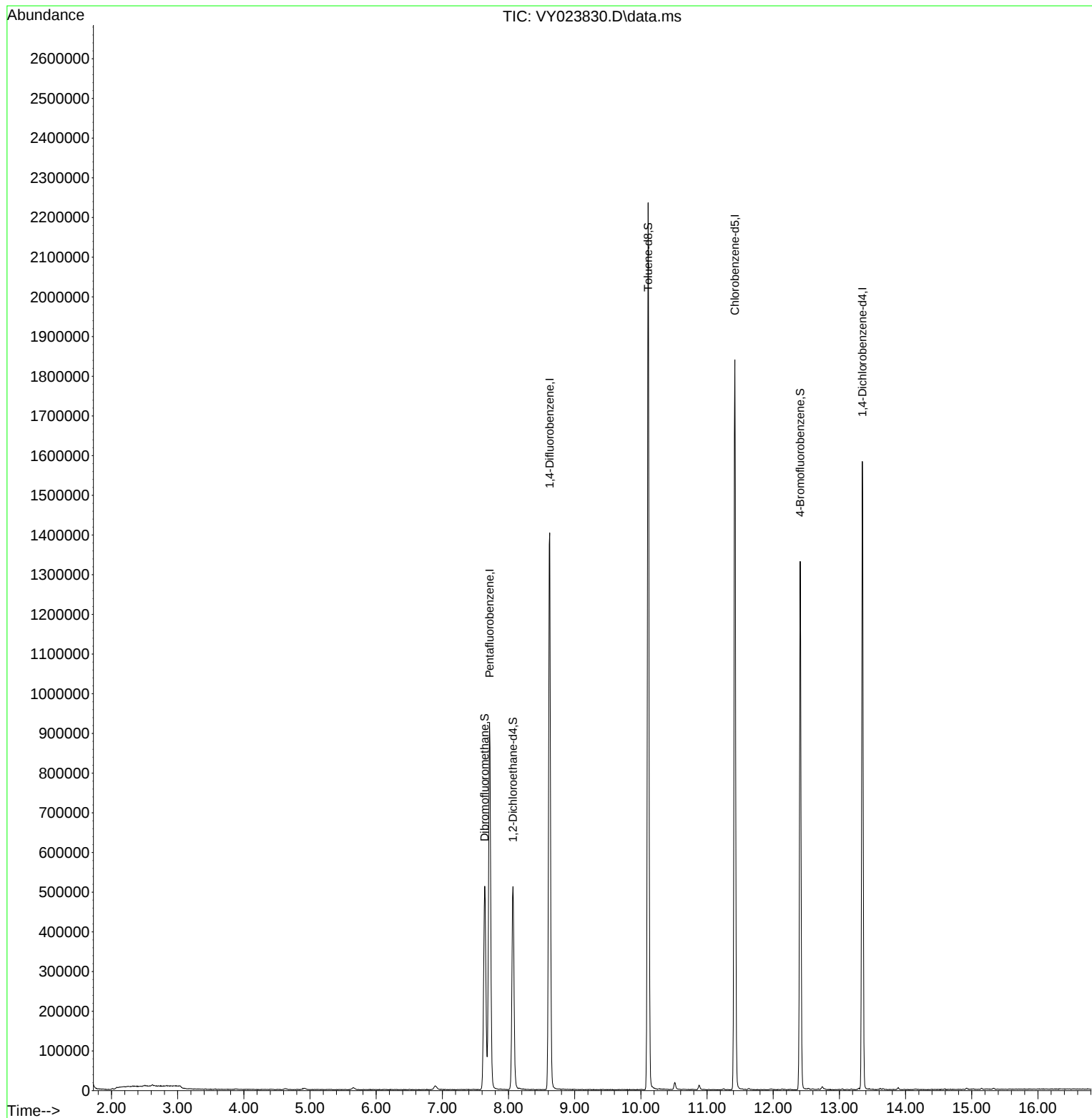
Target Compounds Qvalue

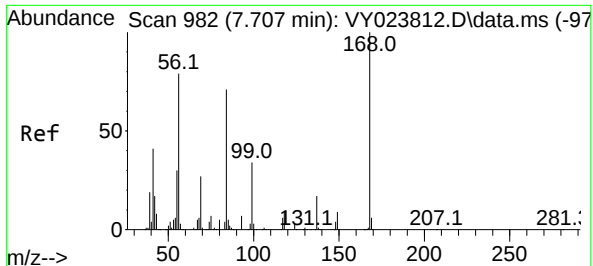
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

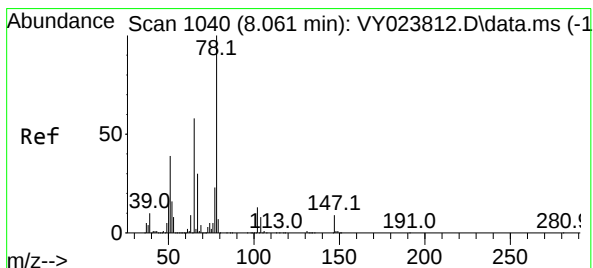
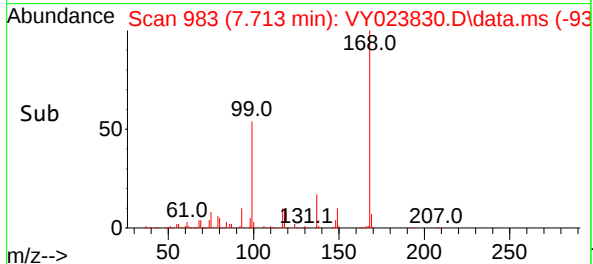
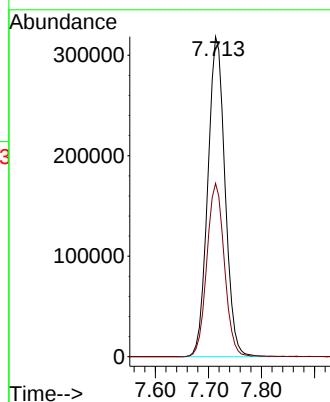
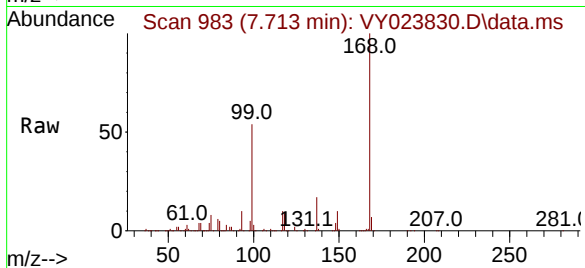




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023830.D
Acq: 01 Dec 2025 09:13

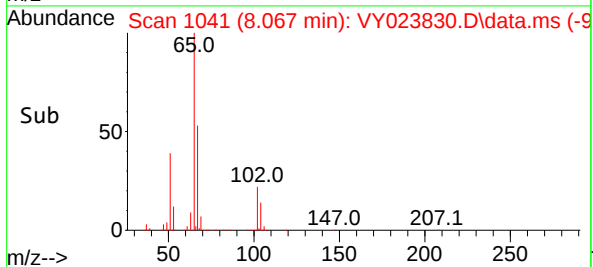
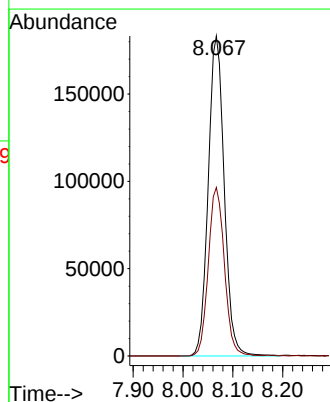
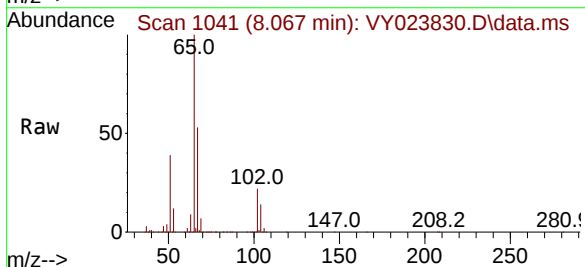
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

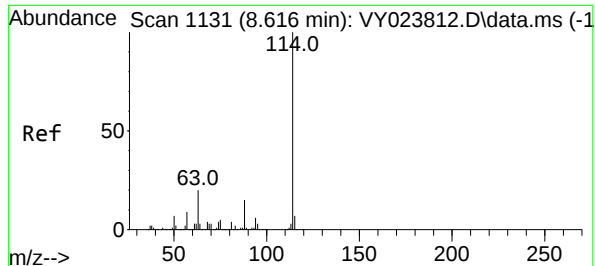
Tgt Ion:168 Resp: 719047
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#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

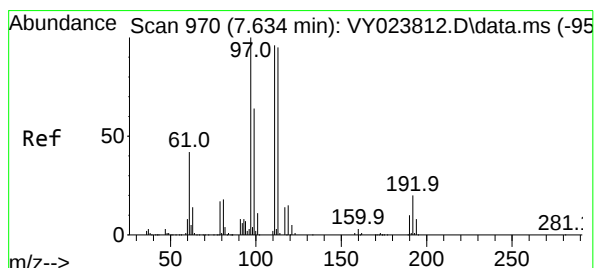
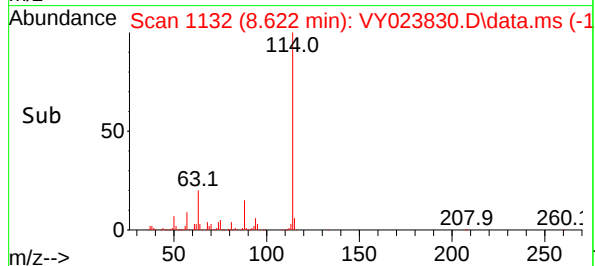
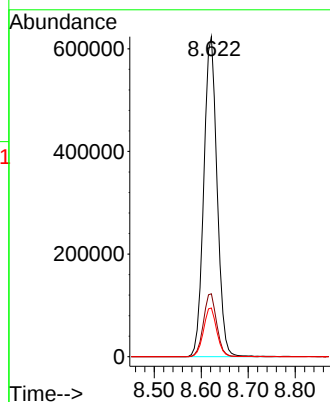
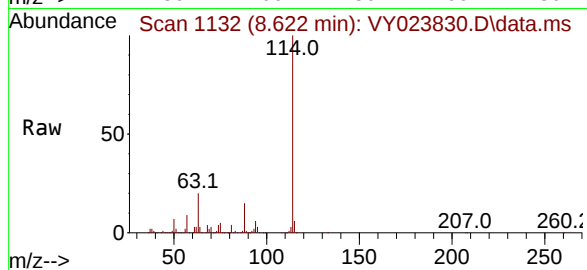
Tgt Ion:114 Resp: 1221329

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

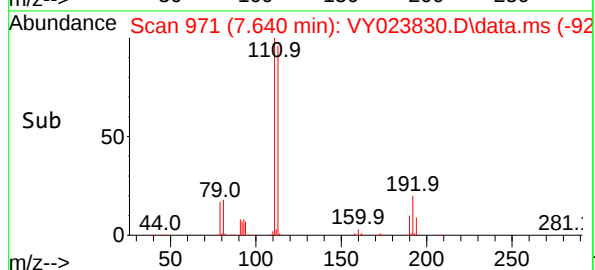
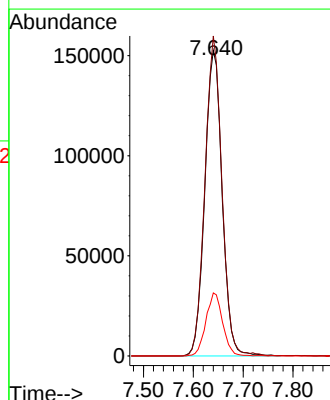
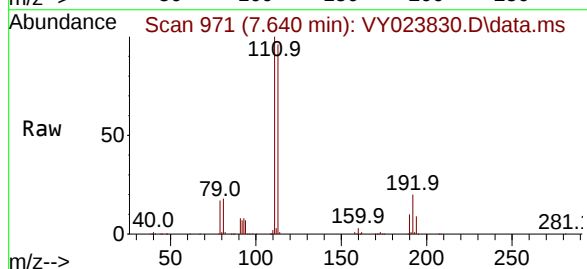
Tgt Ion:113 Resp: 368921

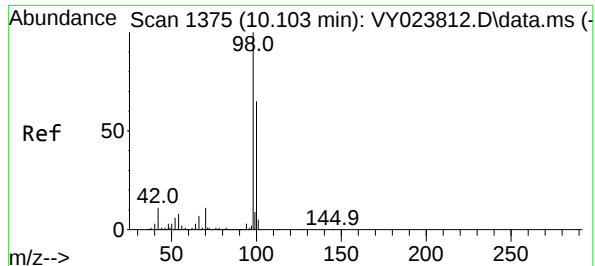
Ion Ratio Lower Upper

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# 1375

Delta R.T. 0.006 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

Instrument :

MSVOA_Y

ClientSampleId :

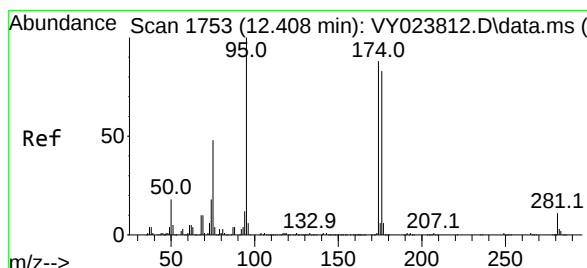
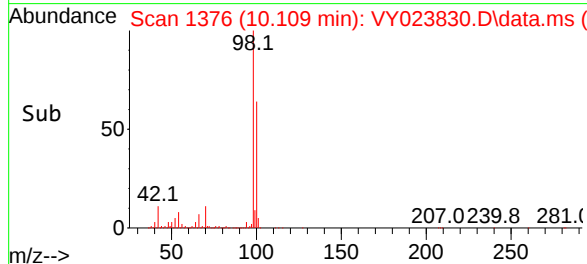
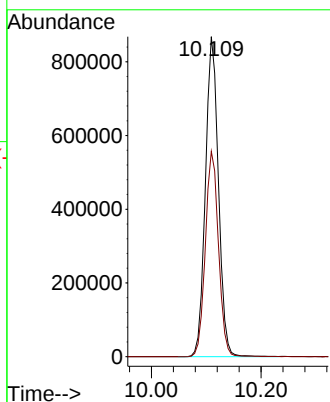
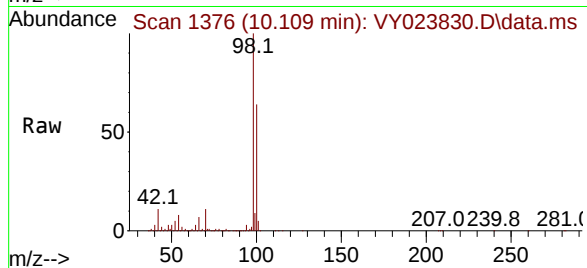
VY1201SBL01

Tgt Ion: 98 Resp: 1423543

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.228 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

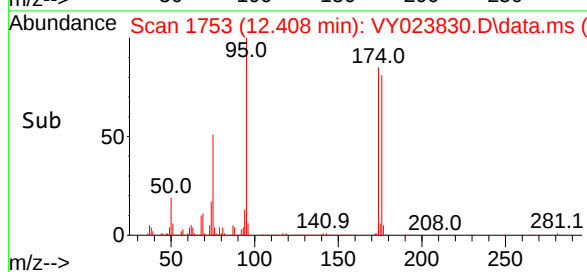
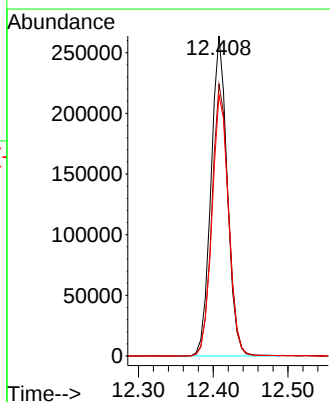
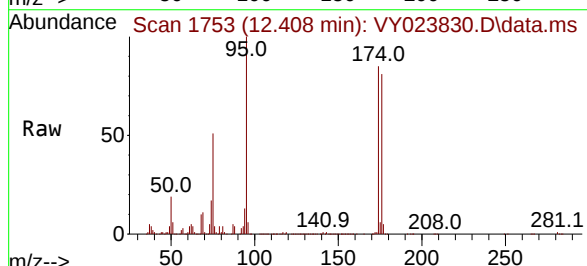
Tgt Ion: 95 Resp: 399287

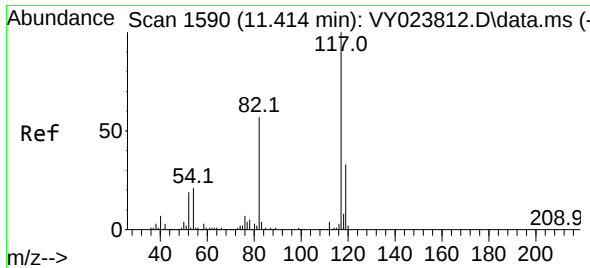
Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.6

176 83.0 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBL01

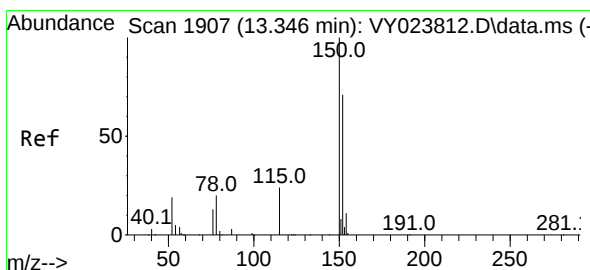
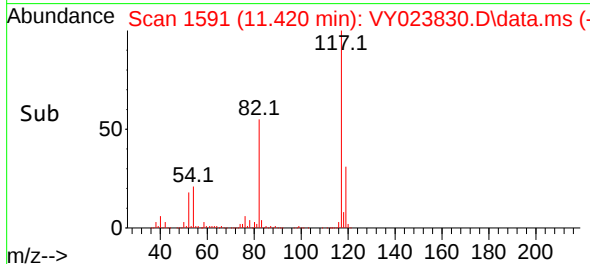
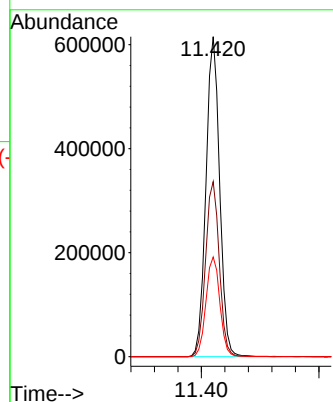
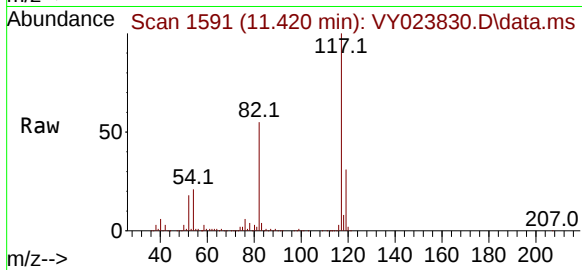
Tgt Ion:117 Resp: 995220

Ion Ratio Lower Upper

117 100

82 54.7 45.4 68.0

119 31.1 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023830.D

Acq: 01 Dec 2025 09:13

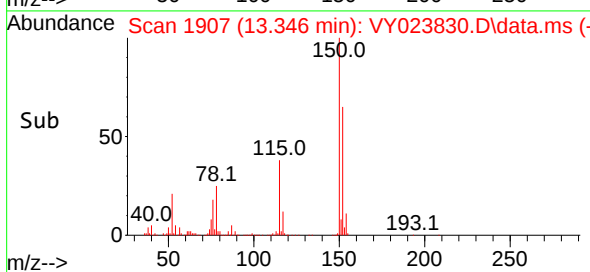
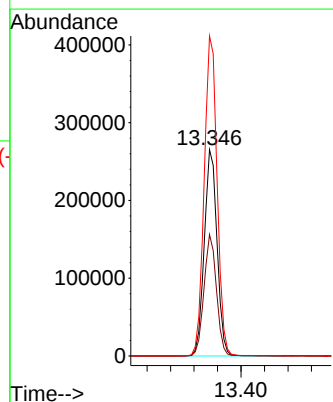
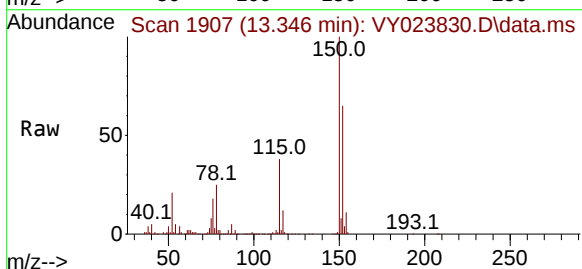
Tgt Ion:152 Resp: 399677

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.3

150 157.0 0.0 345.6



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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

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

Title : SW846 8260

Signal : TIC: VY023830.D\data.ms

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

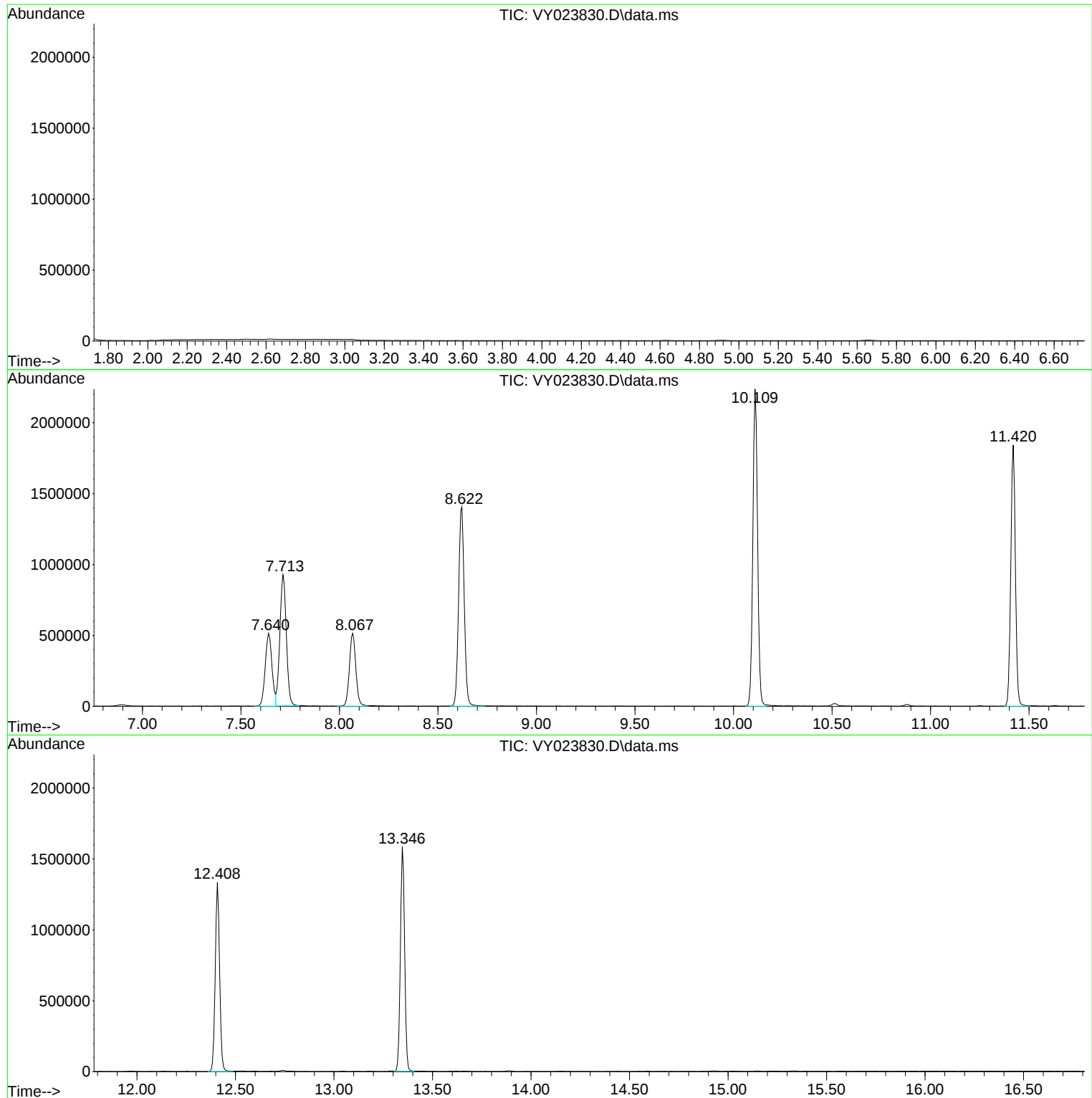
Sum of corrected areas: 18409236

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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

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



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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

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

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

No Library Search Compounds Detected

A
B
C
D
E
F
G
H
I
J

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

A

B

C

D

E

F

G

H

I

J

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023850.D
Acq On : 02 Dec 2025 10:24
Operator : SY/MD
Sample : VY1202SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

A
B
C
D
E
F
G
H
I
J

Quant Time: Dec 03 00:59:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	690111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1278486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1125521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	454228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	421477	62.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.420%
35) Dibromofluoromethane	7.646	113	410218	54.164	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.320%
50) Toluene-d8	10.109	98	1524404	50.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.340%
62) 4-Bromofluorobenzene	12.408	95	454362	45.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.800%

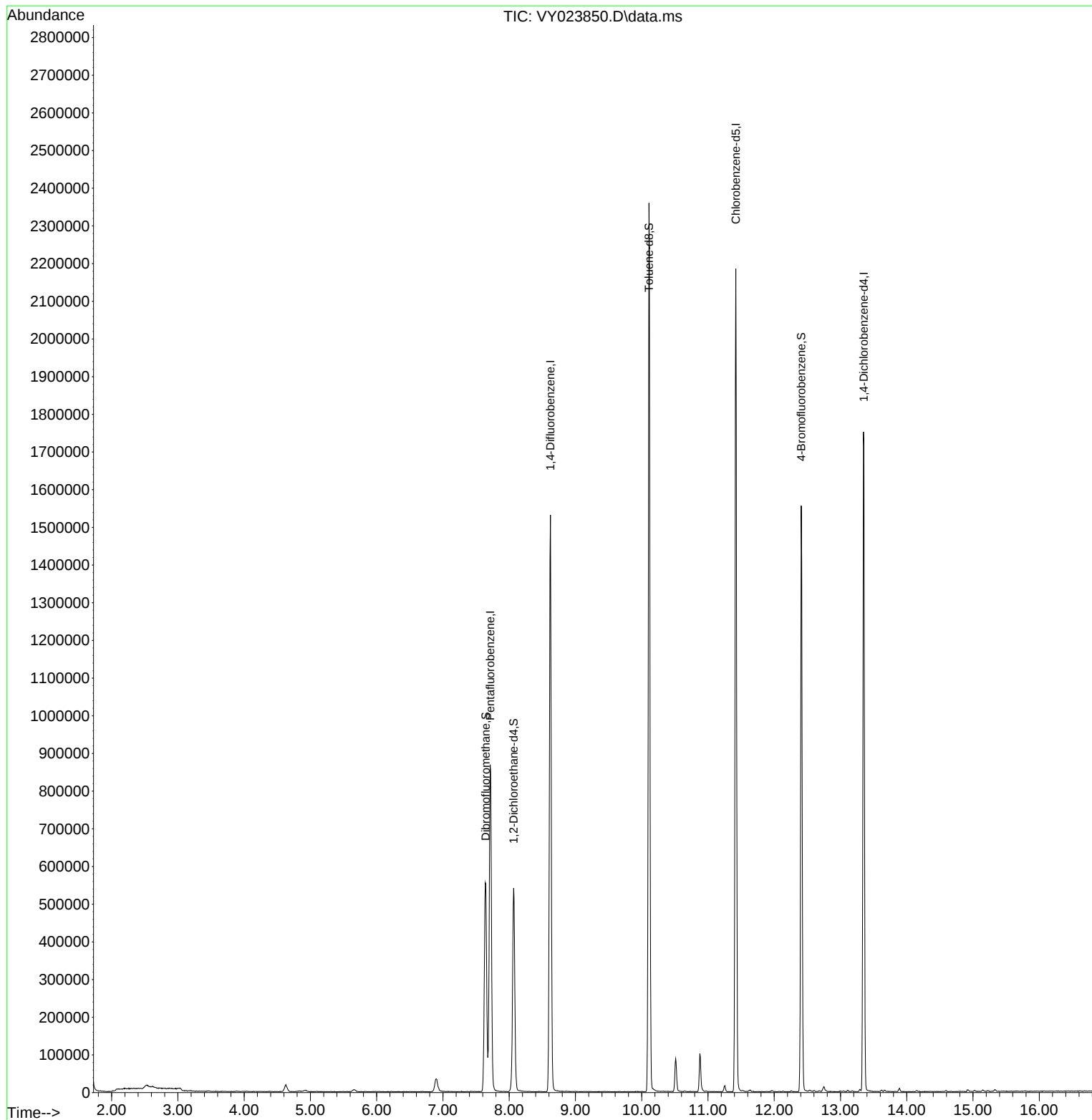
Target Compounds	Qvalue

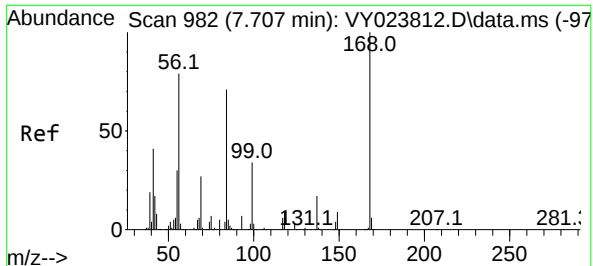
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023850.D
Acq On : 02 Dec 2025 10:24
Operator : SY/MD
Sample : VY1202SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

Quant Time: Dec 03 00:59:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

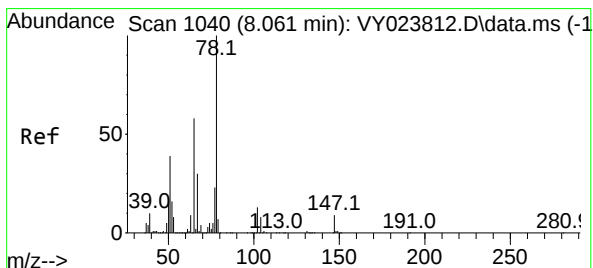
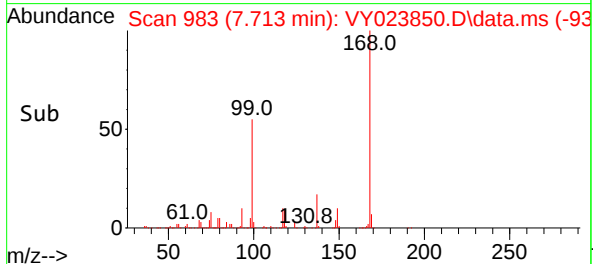
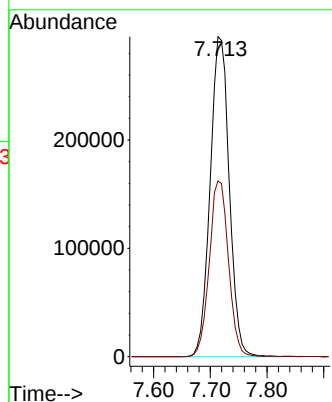
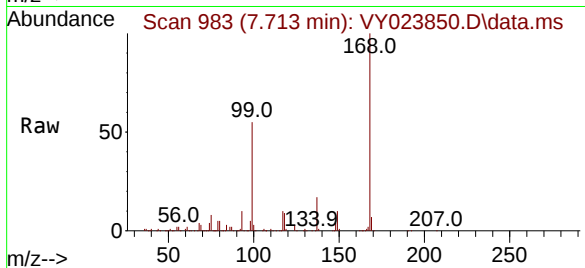




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

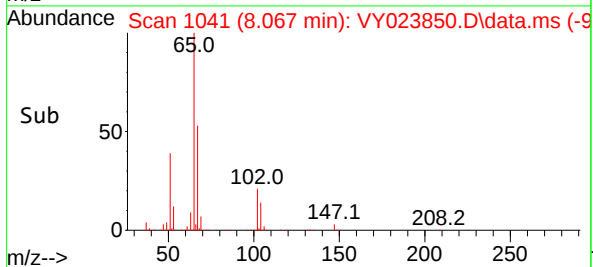
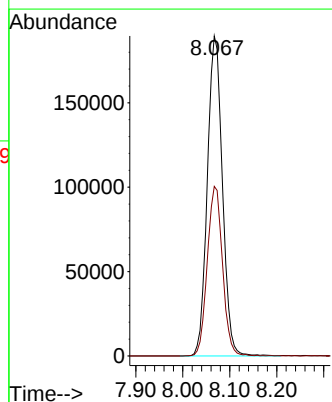
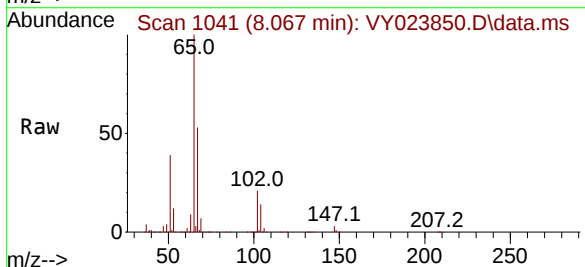
Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

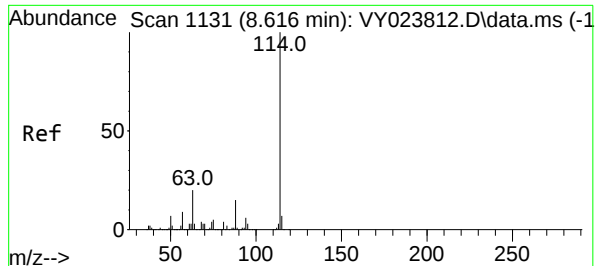
Tgt Ion:168 Resp: 690111
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 62.714 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

Tgt Ion: 65 Resp: 421477
Ion Ratio Lower Upper
65 100
67 53.5 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: VY023850.D

Acq: 02 Dec 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1202SBL01

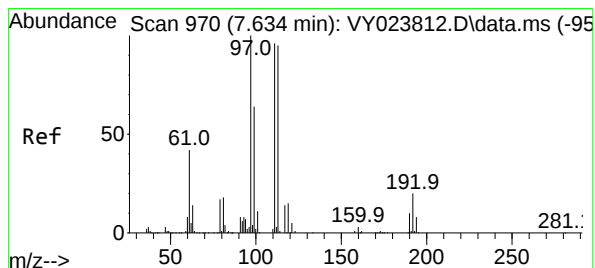
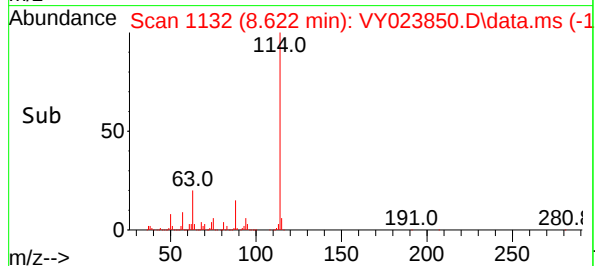
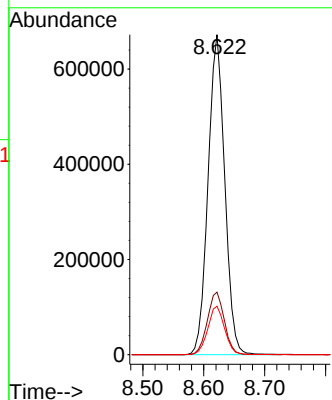
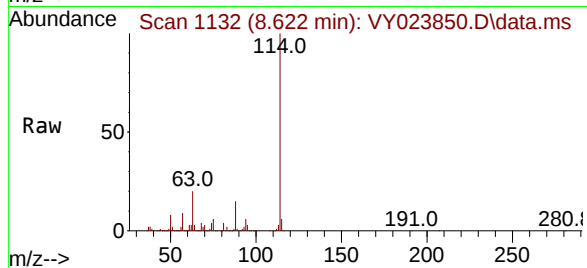
Tgt Ion:114 Resp: 1278486

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.164 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY023850.D

Acq: 02 Dec 2025 10:24

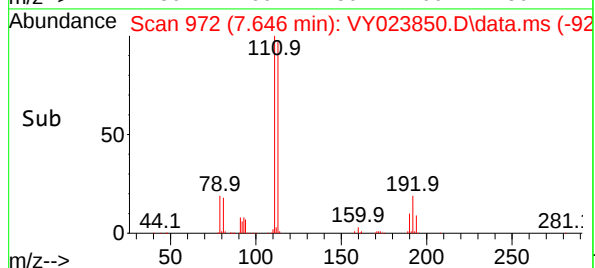
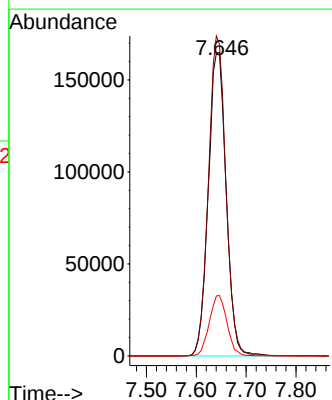
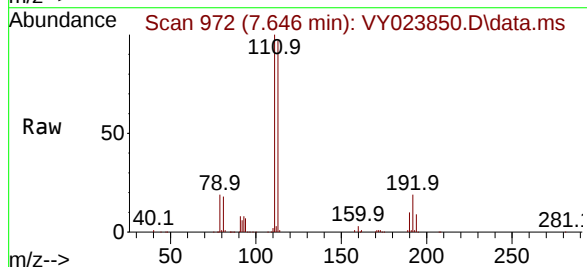
Tgt Ion:113 Resp: 410218

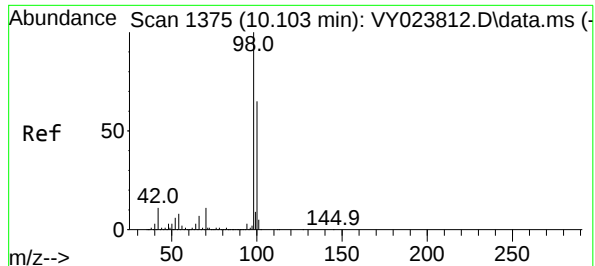
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.7 15.8 23.8





#50

Toluene-d8

Concen: 50.674 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY023850.D

Acq: 02 Dec 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

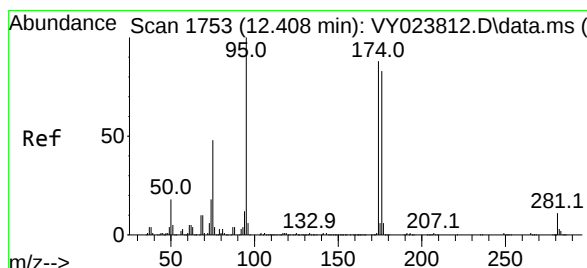
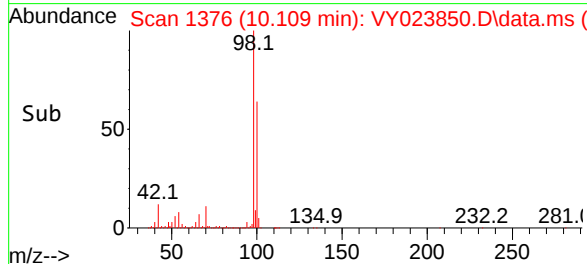
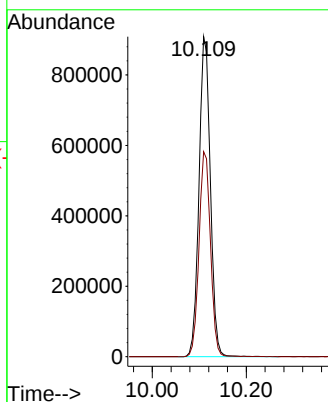
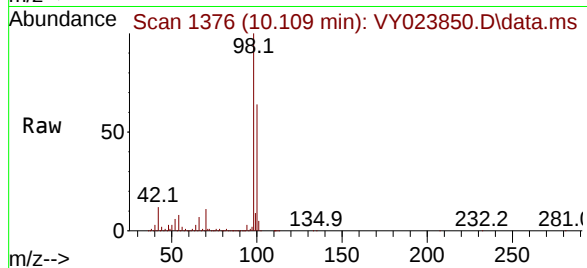
VY1202SBL01

Tgt Ion: 98 Resp: 1524404

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.904 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY023850.D

Acq: 02 Dec 2025 10:24

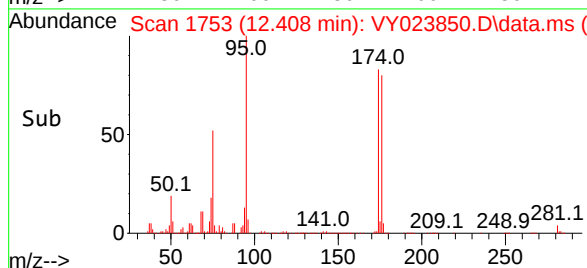
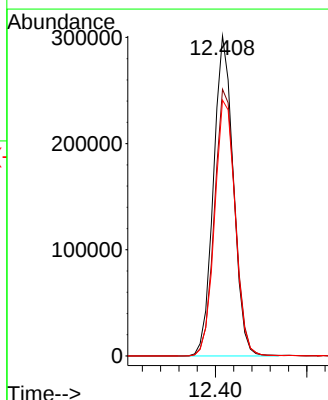
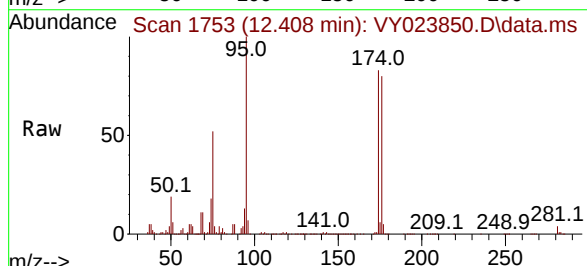
Tgt Ion: 95 Resp: 454362

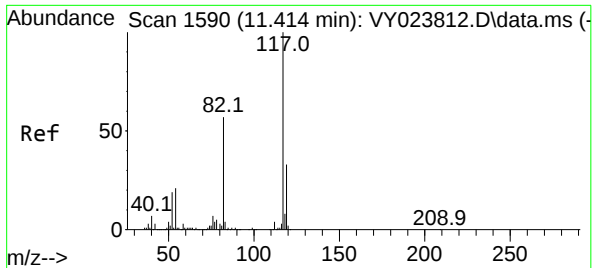
Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.6

176 82.8 0.0 164.6

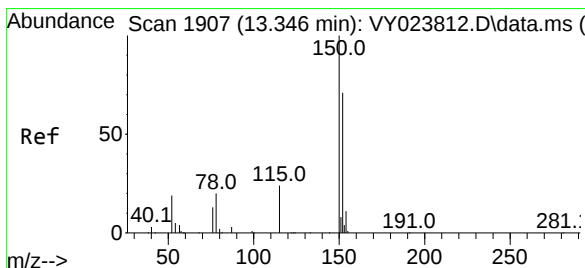
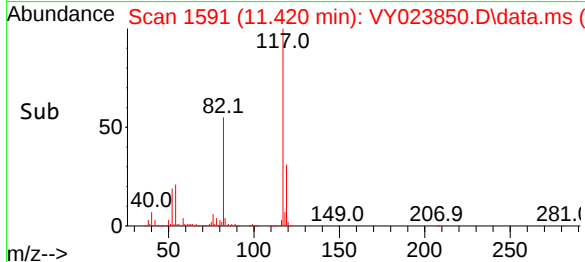
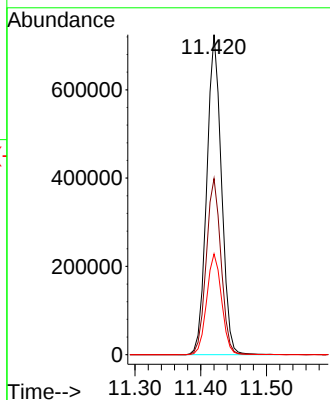
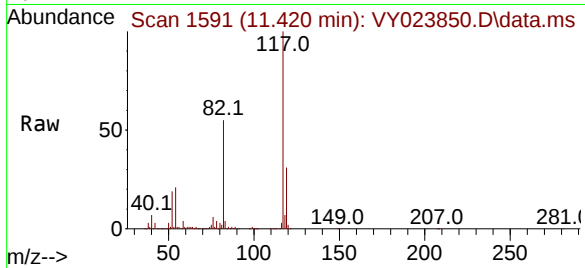




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

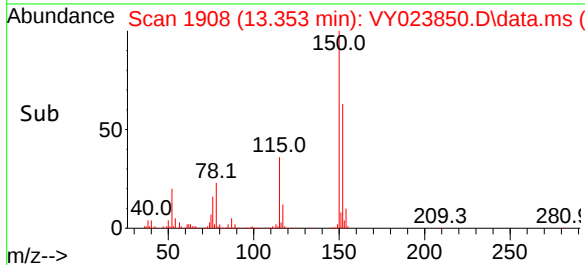
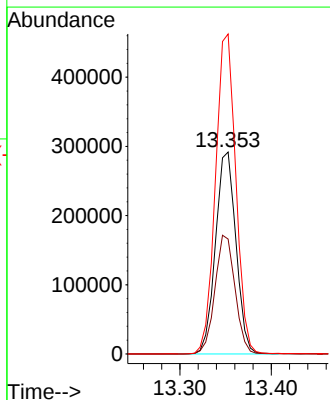
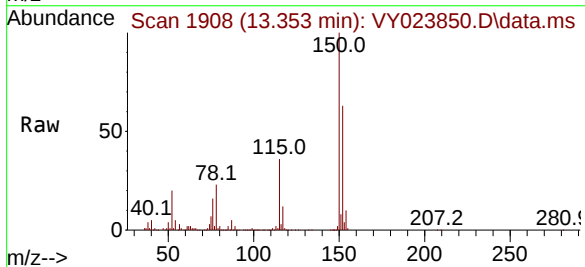
Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

Tgt Ion:117 Resp: 1125521
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023850.D
Acq: 02 Dec 2025 10:24

Tgt Ion:152 Resp: 454228
Ion Ratio Lower Upper
152 100
115 57.9 28.7 86.3
150 157.8 0.0 345.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023850.D
 Acq On : 02 Dec 2025 10:24
 Operator : SY/MD
 Sample : VY1202SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBL01

A
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D
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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: VY023850.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.629	467	477	491	rVB3	18790	54363	1.36%	0.262%
2	6.896	839	849	862	rBV2	33773	110634	2.76%	0.534%
3	7.640	961	971	977	rBV	554449	1357396	33.85%	6.548%
4	7.713	977	983	995	rVB	865077	2009662	50.12%	9.694%
5	8.067	1028	1041	1058	rBV	540442	1269415	31.66%	6.123%
6	8.622	1123	1132	1143	rBV	1530728	2944324	73.43%	14.203%
7	10.109	1368	1376	1398	rBV	2358109	4009659	100.00%	19.342%
8	10.512	1435	1442	1449	rBV	87458	164631	4.11%	0.794%
9	10.877	1496	1502	1514	rBV	100952	174411	4.35%	0.841%
10	11.420	1583	1591	1605	rBV	2184355	3434280	85.65%	16.566%
11	12.408	1745	1753	1768	rBV	1555658	2473887	61.70%	11.934%
12	13.347	1901	1907	1922	rVB	1749735	2727673	68.03%	13.158%

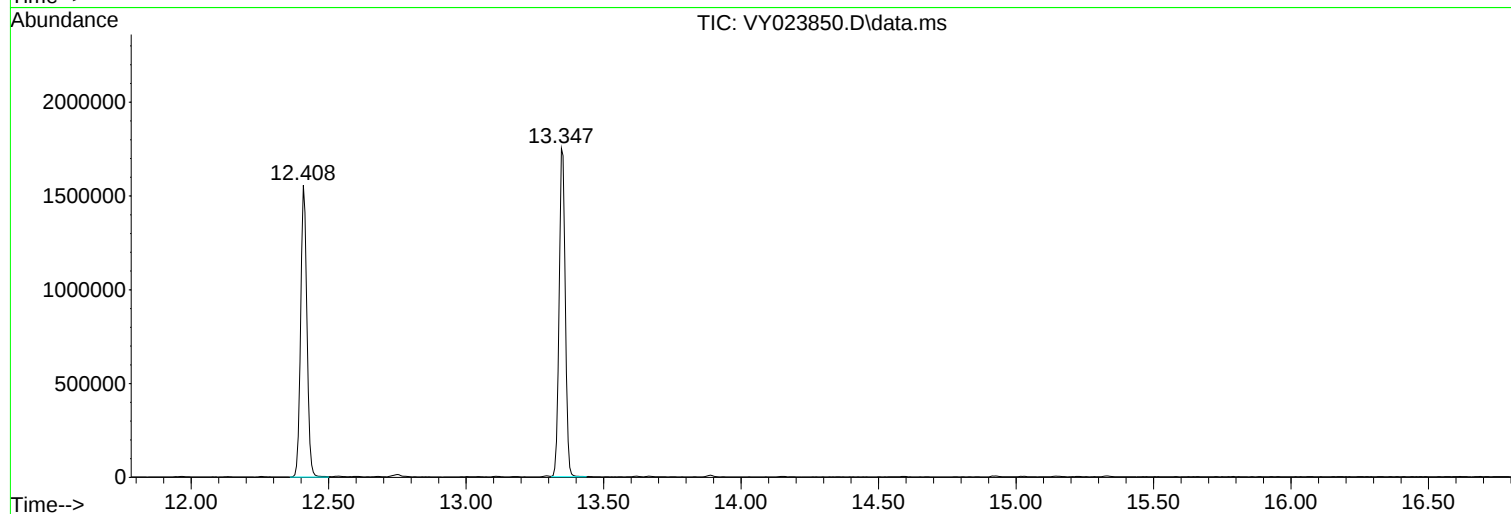
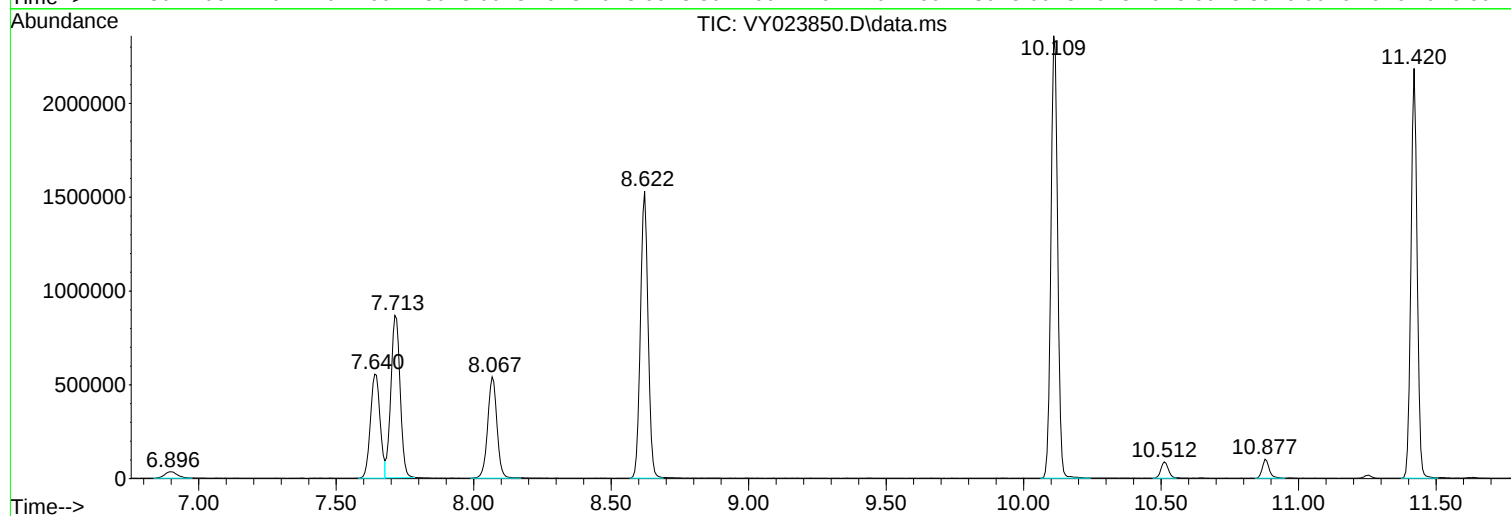
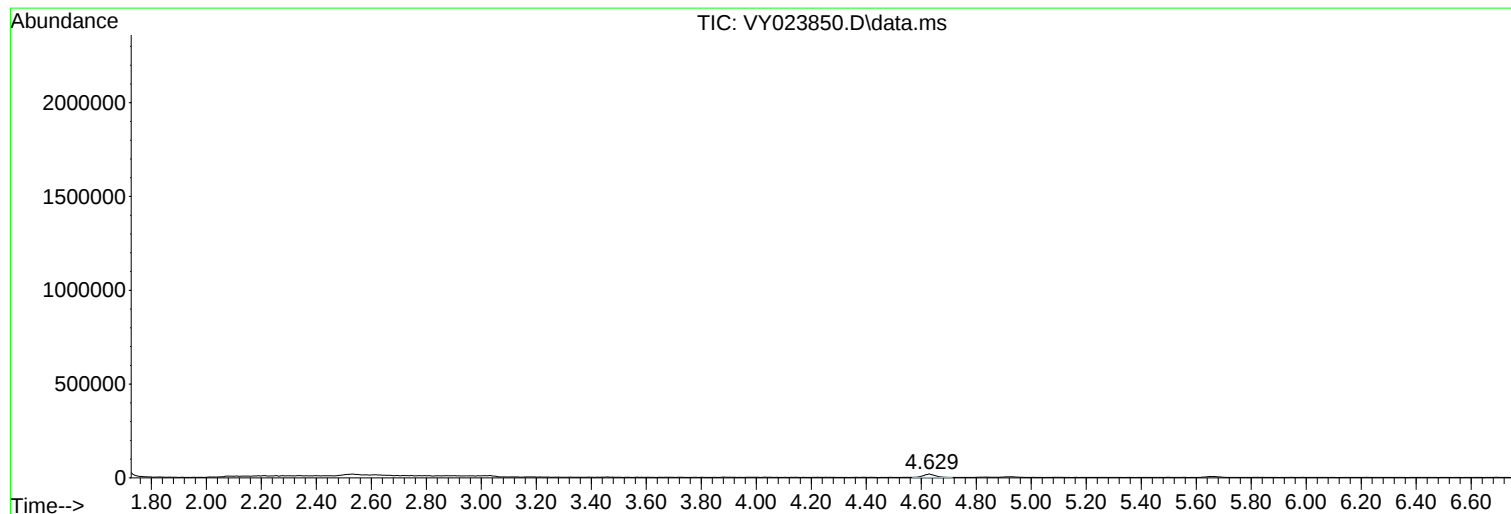
Sum of corrected areas: 20730335

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023850.D
Acq On : 02 Dec 2025 10:24
Operator : SY/MD
Sample : VY1202SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

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\VY120225\
Data File : VY023850.D
Acq On : 02 Dec 2025 10:24
Operator : SY/MD
Sample : VY1202SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

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\VY120225\
Data File : VY023850.D
Acq On : 02 Dec 2025 10:24
Operator : SY/MD
Sample : VY1202SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBL01

A

B

C

D

E

F

G

H

I

J

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023878.D
Acq On : 04 Dec 2025 08:40
Operator : SY/MD
Sample : VY1204SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

A
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Quant Time: Dec 05 01:40:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	753303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1347495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1163906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	486950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	429775	57.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.060%
35) Dibromofluoromethane	7.640	113	424127	49.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.109	98	1576715	46.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.760%
62) 4-Bromofluorobenzene	12.407	95	475025	41.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.820%

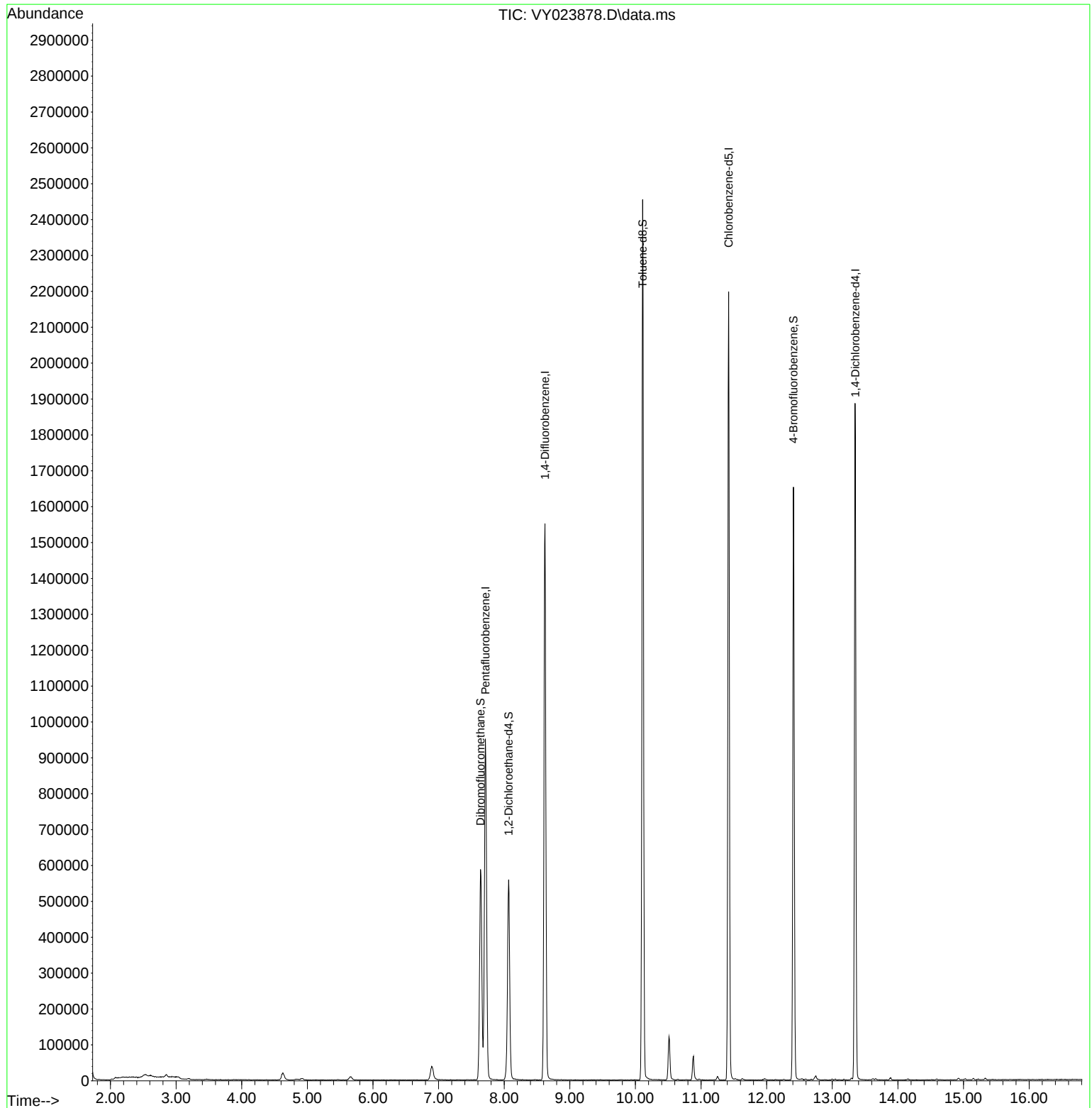
Target Compounds	Qvalue

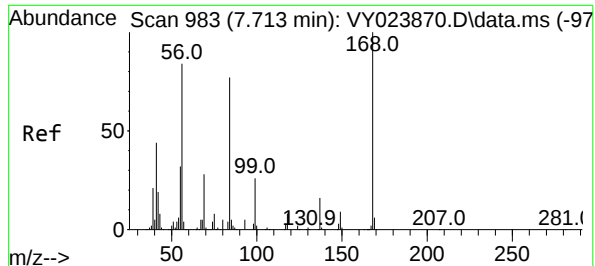
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023878.D
Acq On : 04 Dec 2025 08:40
Operator : SY/MD
Sample : VY1204SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

Quant Time: Dec 05 01:40:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

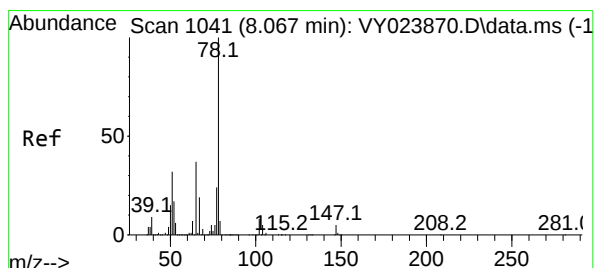
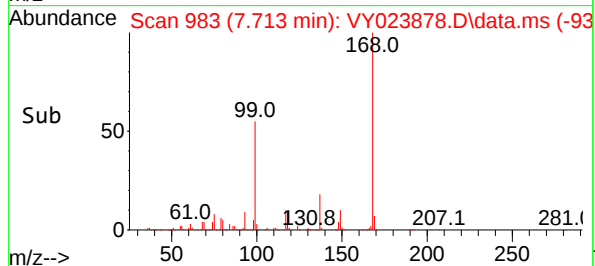
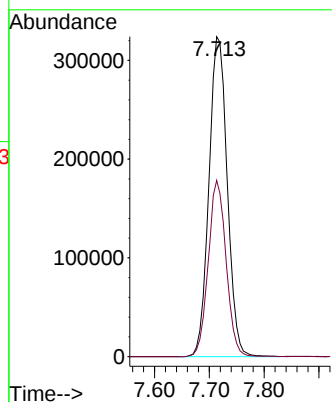
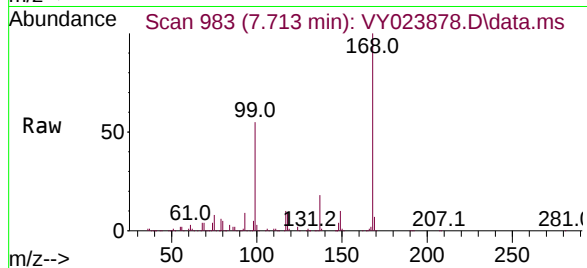




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023878.D
Acq: 04 Dec 2025 08:40

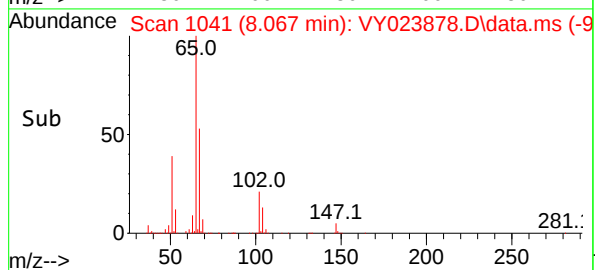
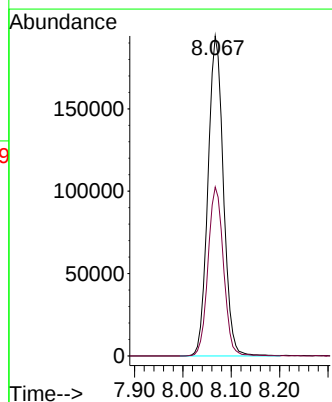
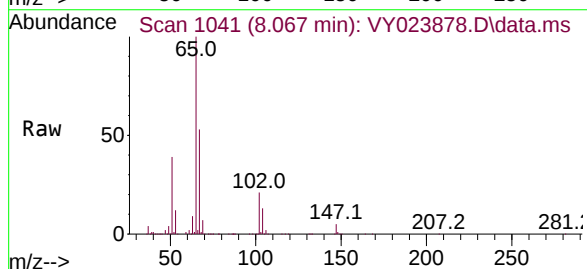
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

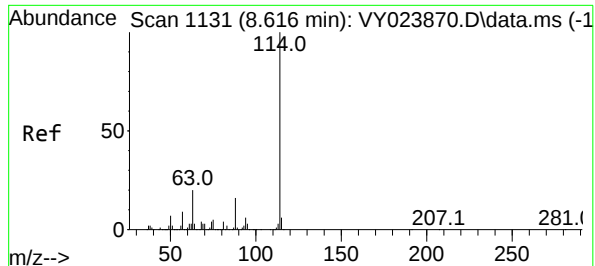
Tgt Ion:168 Resp: 753303
Ion Ratio Lower Upper
168 100
99 55.1 42.5 63.7



#33
1,2-Dichloroethane-d4
Concen: 57.031 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY023878.D
Acq: 04 Dec 2025 08:40

Tgt Ion: 65 Resp: 429775
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023878.D

Acq: 04 Dec 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBL01

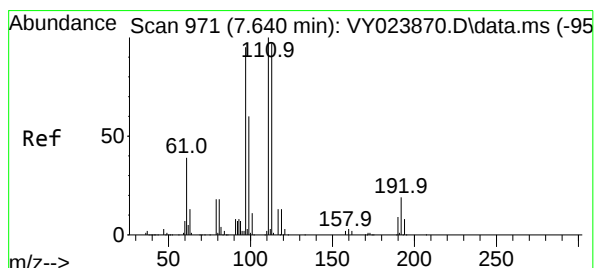
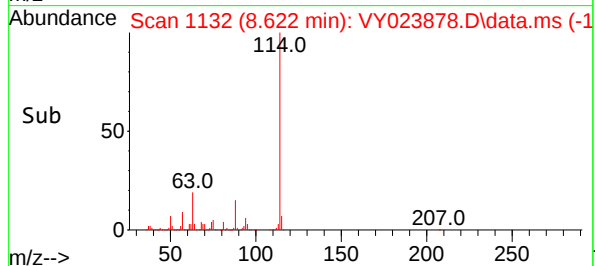
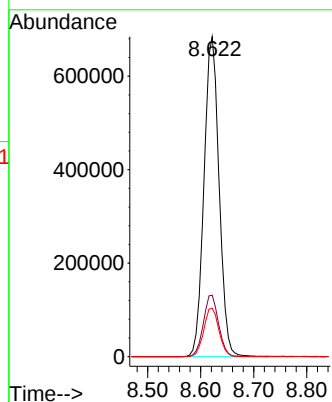
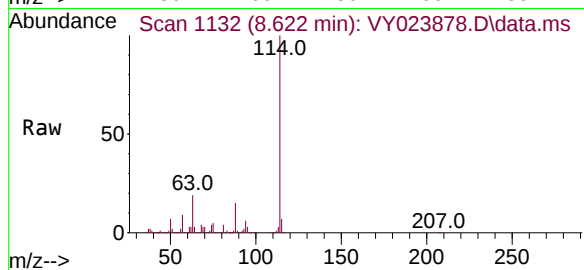
Tgt Ion:114 Resp: 1347495

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.075 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY023878.D

Acq: 04 Dec 2025 08:40

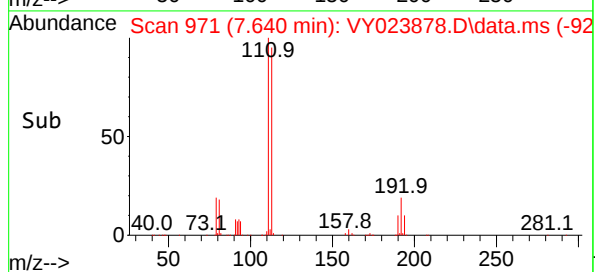
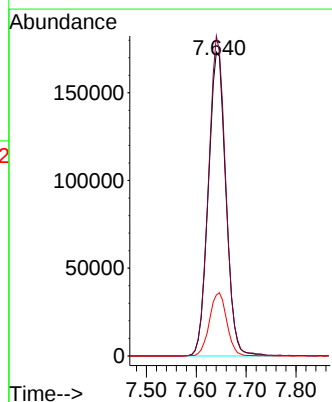
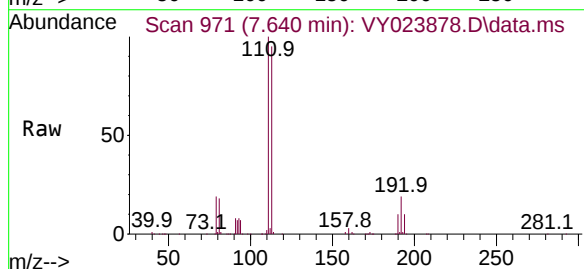
Tgt Ion:113 Resp: 424127

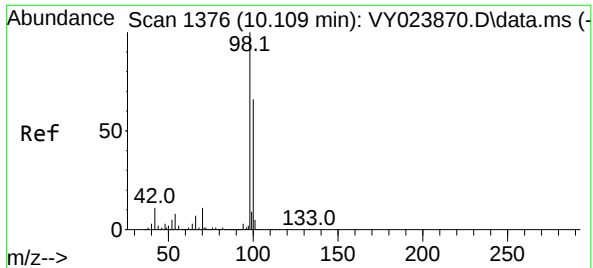
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.5 15.8 23.8

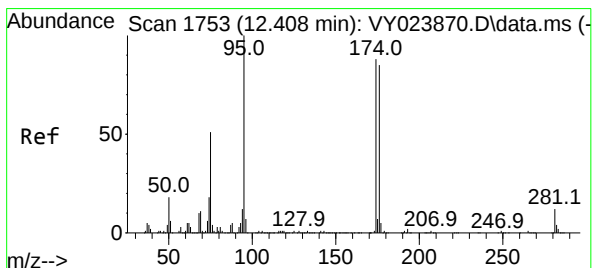
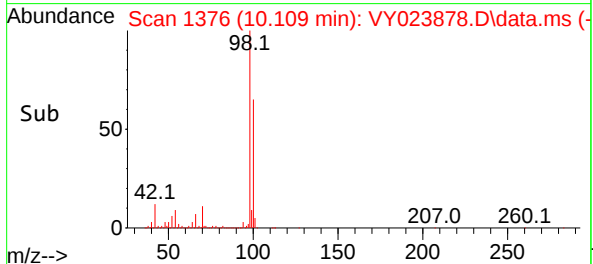
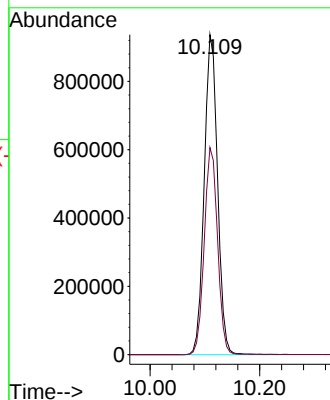
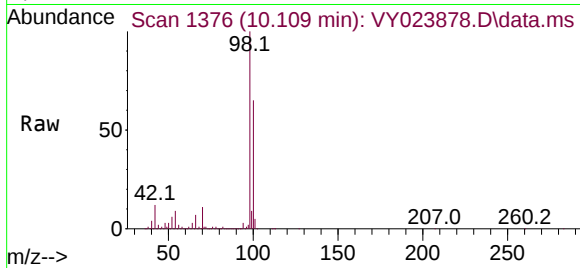




#50
Toluene-d8
Concen: 46.882 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023878.D
Acq: 04 Dec 2025 08:40

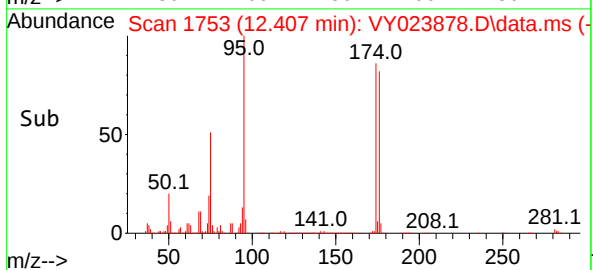
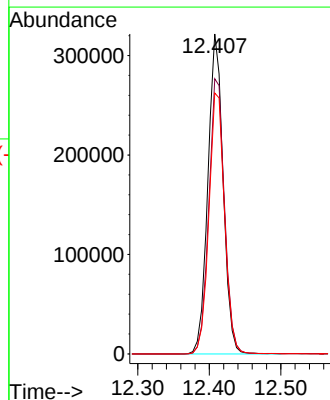
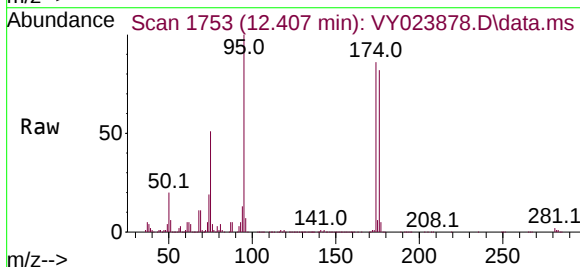
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

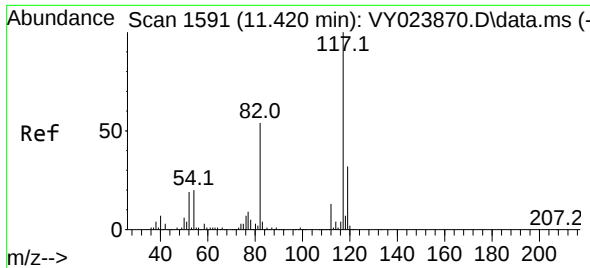
Tgt Ion: 98 Resp: 1576715
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.411 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023878.D
Acq: 04 Dec 2025 08:40

Tgt Ion: 95 Resp: 475025
Ion Ratio Lower Upper
95 100
174 88.7 0.0 169.6
176 84.0 0.0 164.4

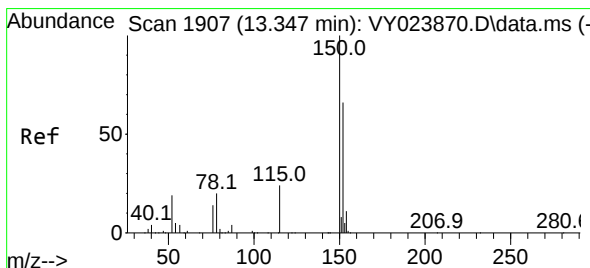
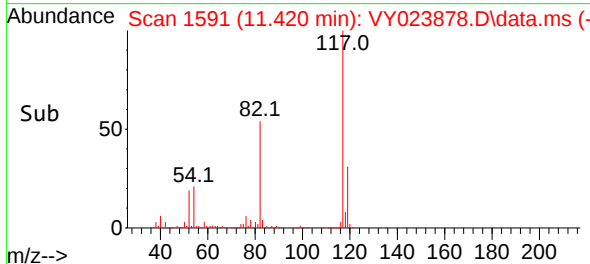
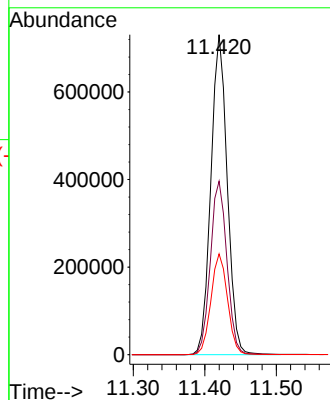
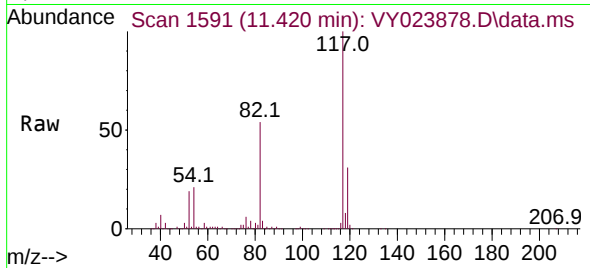




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023878.D
Acq: 04 Dec 2025 08:40

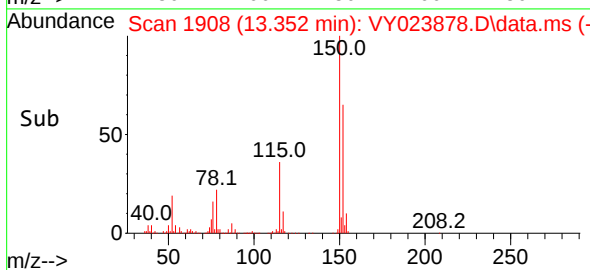
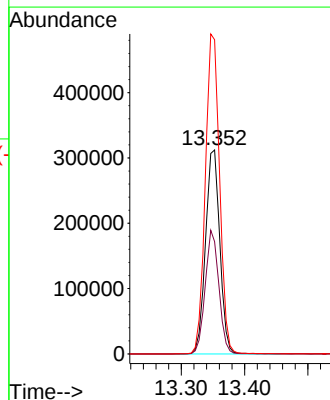
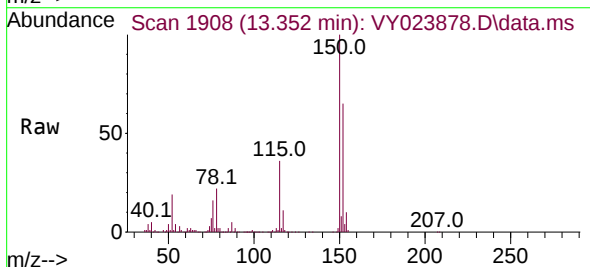
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

Tgt Ion:117 Resp: 1163906
Ion Ratio Lower Upper
117 100
82 54.2 43.1 64.7
119 31.5 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: VY023878.D
Acq: 04 Dec 2025 08:40

Tgt Ion:152 Resp: 486950
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.4
150 156.3 0.0 352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023878.D
Acq On : 04 Dec 2025 08:40
Operator : SY/MD
Sample : VY1204SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M

Title : SW846 8260

Signal : TIC: VY023878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.628	467	477	492	rVB3	19608	63488	1.53%	0.294%
2	6.896	838	849	862	rBV	38230	125959	3.04%	0.583%
3	7.640	961	971	977	rBV	586376	1406901	33.93%	6.509%
4	7.713	977	983	997	rVB	948844	2161337	52.12%	9.999%
5	8.067	1026	1041	1053	rBV	557958	1308345	31.55%	6.053%
6	8.622	1122	1132	1146	rBV	1549931	3074082	74.14%	14.221%
7	10.109	1368	1376	1392	rBV	2453787	4146475	100.00%	19.183%
8	10.511	1434	1442	1458	rBV	121174	237590	5.73%	1.099%
9	10.883	1497	1503	1513	rBV	65759	114497	2.76%	0.530%
10	11.420	1582	1591	1605	rBV	2196950	3547456	85.55%	16.411%
11	12.407	1745	1753	1768	rBV	1652636	2541415	61.29%	11.757%
12	13.346	1901	1907	1922	rVB	1884288	2888237	69.66%	13.362%

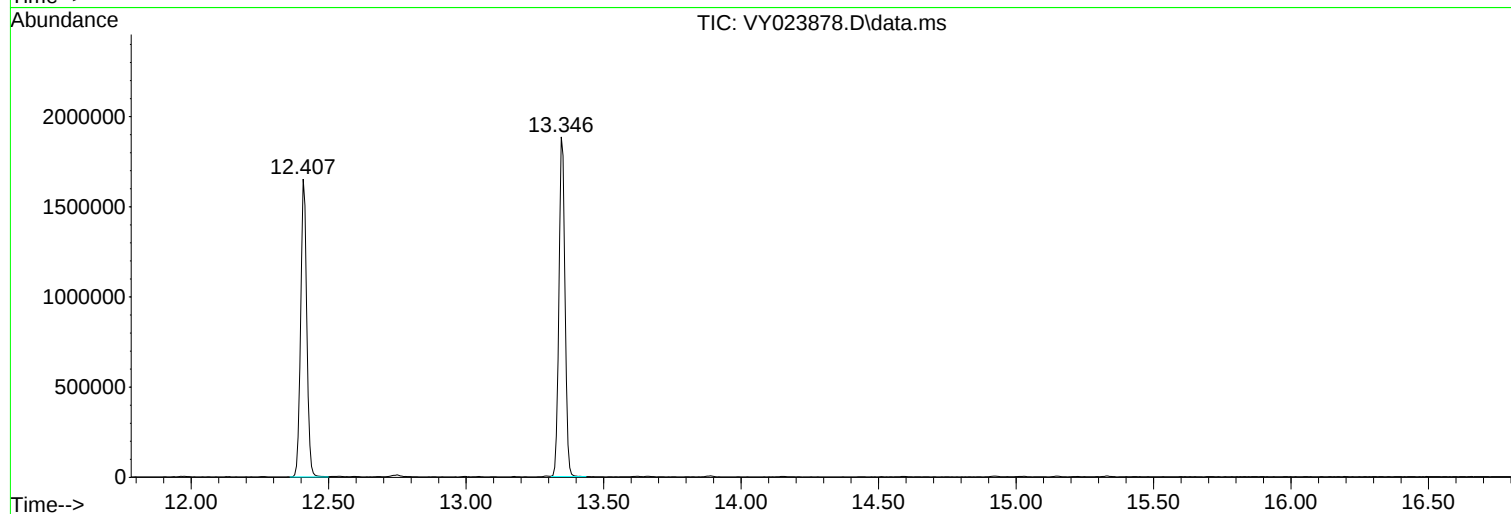
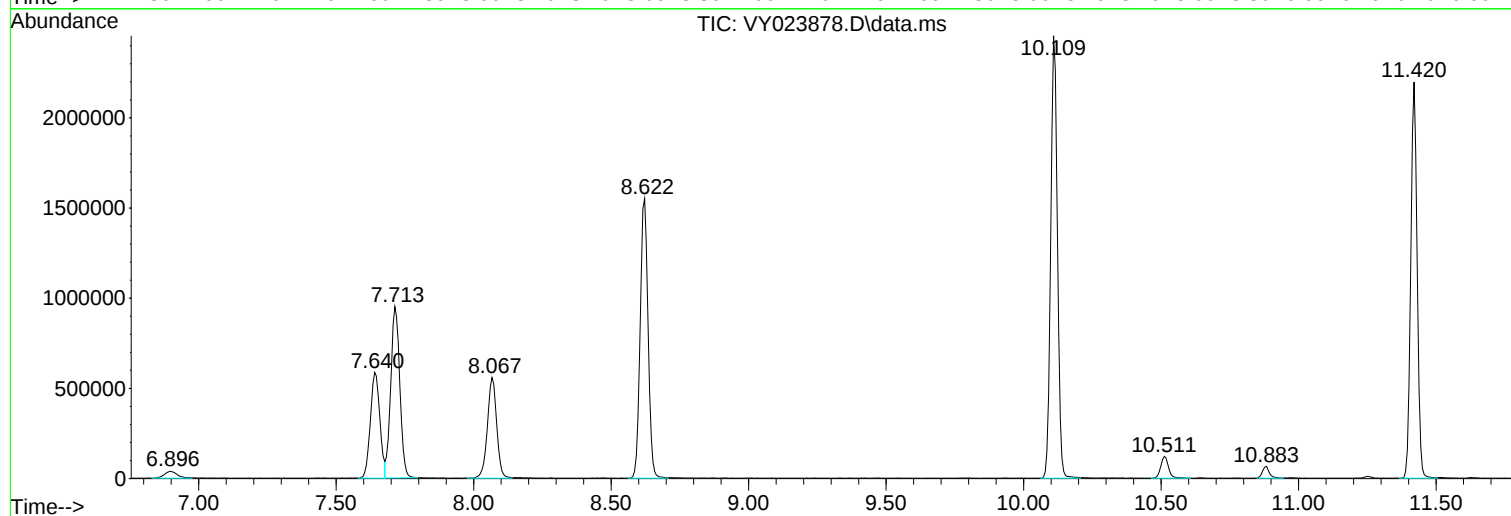
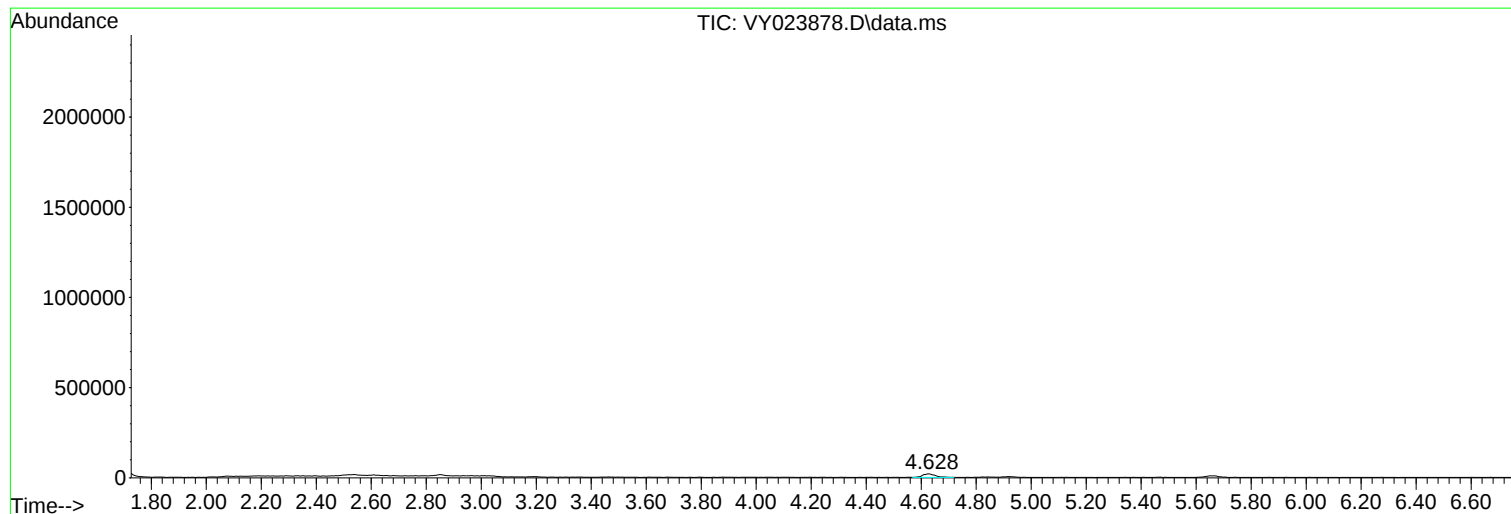
Sum of corrected areas: 21615782

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023878.D
Acq On : 04 Dec 2025 08:40
Operator : SY/MD
Sample : VY1204SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023878.D
Acq On : 04 Dec 2025 08:40
Operator : SY/MD
Sample : VY1204SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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\VY120425\
Data File : VY023878.D
Acq On : 04 Dec 2025 08:40
Operator : SY/MD
Sample : VY1204SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

A

B

C

D

E

F

G

H

I

J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.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 : VY023831.D
 Acq On : 01 Dec 2025 09:37
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations APPROVED

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

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

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

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

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations APPROVED

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

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

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

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

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

Manual Integrations
APPROVED

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

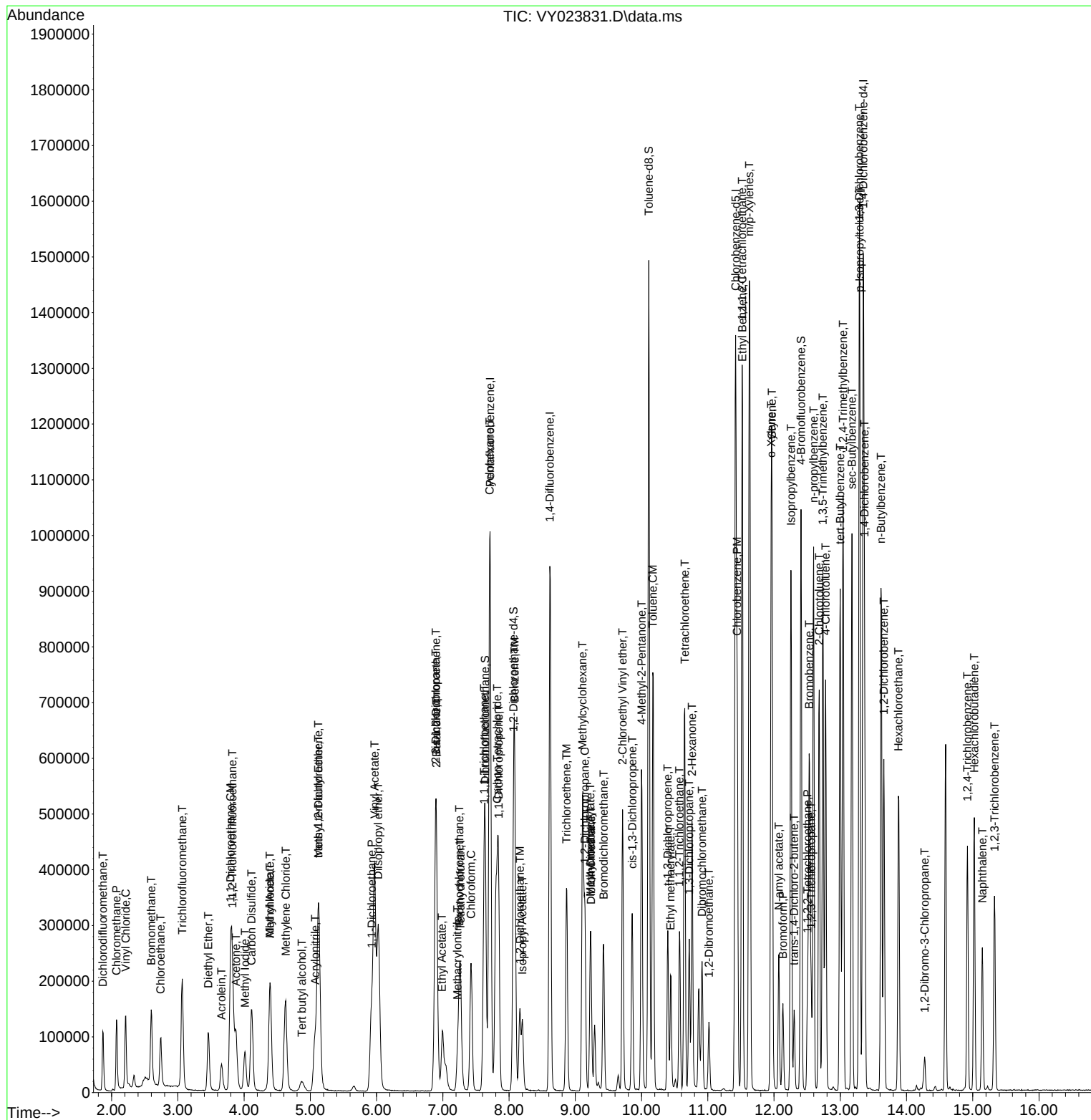
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

Manual Integrations APPROVED

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023851.D
 Acq On : 02 Dec 2025 10:53
 Operator : SY/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBS01

Quant Time: Dec 03 01:00:04 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 : Semsettin Yesilyurt 12/03/2025
 Supervised By : Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	491473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	764018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	662350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	339534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	229109	47.869	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.740%		
35) Dibromofluoromethane	7.640	113	219750	48.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.100%		
50) Toluene-d8	10.109	98	861612	47.928	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.408	95	278377	47.062	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	80289	21.677	ug/l	99
3) Chloromethane	2.074	50	104219	18.392	ug/l	96
4) Vinyl Chloride	2.214	62	117983	19.248	ug/l	98
5) Bromomethane	2.598	94	87932	20.335	ug/l	100
6) Chloroethane	2.745	64	80298	20.101	ug/l	100
7) Trichlorofluoromethane	3.068	101	176807	21.335	ug/l	98
8) Diethyl Ether	3.464	74	53616	20.541	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.830	101	110161	22.776	ug/l	97
10) Methyl Iodide	4.019	142	93739	17.686	ug/l	99
11) Tert butyl alcohol	4.878	59	40648	103.407	ug/l	98
12) 1,1-Dichloroethene	3.799	96	97387	20.466	ug/l	96
13) Acrolein	3.665	56	42343	74.932	ug/l	97
14) Allyl chloride	4.397	41	159030	21.096	ug/l	97
15) Acrylonitrile	5.073	53	122984	109.169	ug/l	100
16) Acetone	3.879	43	177462	128.691	ug/l	95
17) Carbon Disulfide	4.116	76	267510	17.420	ug/l	98
18) Methyl Acetate	4.391	43	51638	19.390	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	253496	20.846	ug/l	98
20) Methylene Chloride	4.628	84	113349	19.443	ug/l	91
21) trans-1,2-Dichloroethene	5.122	96	105063	19.942	ug/l	95
22) Diisopropyl ether	6.031	45	359271	22.041	ug/l	98
23) Vinyl Acetate	5.970	43	1000679	110.400	ug/l	100
24) 1,1-Dichloroethane	5.927	63	203723	21.246	ug/l	98
25) 2-Butanone	6.902	43	207338	123.204	ug/l	98
26) 2,2-Dichloropropane	6.890	77	182586	21.482	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	127302	20.807	ug/l	100
28) Bromochloromethane	7.256	49	75283	18.874	ug/l	100
29) Tetrahydrofuran	7.274	42	100602	107.180	ug/l	97
30) Chloroform	7.427	83	207629	21.534	ug/l	99
31) Cyclohexane	7.707	56	186947	20.317	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	184291	21.533	ug/l	98
36) 1,1-Dichloropropene	7.841	75	147335	21.232	ug/l	99
37) Ethyl Acetate	6.994	43	72426	22.189	ug/l	99
38) Carbon Tetrachloride	7.823	117	165772	21.763	ug/l	97
39) Methylcyclohexane	9.115	83	188264	20.542	ug/l	97
40) Benzene	8.085	78	460426	21.560	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023851.D
 Acq On : 02 Dec 2025 10:53
 Operator : SY/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
 Supervised By :Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:00:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	37463	22.989	ug/l	96
42) 1,2-Dichloroethane	8.164	62	120116	21.818	ug/l	99
43) Isopropyl Acetate	8.207	43	134089	21.982	ug/l #	86
44) Trichloroethene	8.872	130	118233	21.578	ug/l	95
45) 1,2-Dichloropropane	9.146	63	110259	21.899	ug/l	95
46) Dibromomethane	9.237	93	59571	21.804	ug/l	99
47) Bromodichloromethane	9.426	83	156370	21.900	ug/l	97
48) Methyl methacrylate	9.225	41	61974	21.579	ug/l	98
49) 1,4-Dioxane	9.243	88	13204	431.231	ug/l	92
51) 4-Methyl-2-Pentanone	10.005	43	364810	113.608	ug/l	96
52) Toluene	10.176	92	285889	21.595	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	136696	20.900	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	167599	21.407	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	80847	22.091	ug/l	96
56) Ethyl methacrylate	10.444	69	100425	20.898	ug/l	98
57) 1,3-Dichloropropane	10.719	76	140674	22.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	228950	99.175	ug/l	100
59) 2-Hexanone	10.768	43	288131	121.341	ug/l	97
60) Dibromochloromethane	10.914	129	107128	21.813	ug/l	100
61) 1,2-Dibromoethane	11.018	107	72217	21.258	ug/l	99
64) Tetrachloroethene	10.652	164	138582	22.055	ug/l	98
65) Chlorobenzene	11.444	112	310203	21.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	107508	21.766	ug/l	99
67) Ethyl Benzene	11.524	91	532535	21.444	ug/l	99
68) m/p-Xylenes	11.633	106	415378	43.406	ug/l	99
69) o-Xylene	11.956	106	189968	21.175	ug/l	99
70) Styrene	11.975	104	315843	21.371	ug/l	99
71) Bromoform	12.133	173	62102	21.555	ug/l #	99
73) Isopropylbenzene	12.255	105	514860	21.366	ug/l	100
74) N-amyl acetate	12.072	43	110681	20.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	85367	21.517	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	73318m	24.831	ug/l	
77) Bromobenzene	12.536	156	118620	20.928	ug/l	99
78) n-propylbenzene	12.596	91	625892	21.573	ug/l	100
79) 2-Chlorotoluene	12.682	91	355607	21.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	416339	21.164	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29206	20.908	ug/l	94
82) 4-Chlorotoluene	12.779	91	358487	20.905	ug/l	99
83) tert-Butylbenzene	12.999	119	379674	21.484	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	414737	21.096	ug/l	99
85) sec-Butylbenzene	13.176	105	567484	21.754	ug/l	100
86) p-Isopropyltoluene	13.291	119	471817	21.638	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	238758	21.018	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	239031	21.081	ug/l	99
89) n-Butylbenzene	13.621	91	426112	21.313	ug/l	99
90) Hexachloroethane	13.883	117	97537	21.291	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	213541	21.497	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13310	20.043	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	118087	19.938	ug/l	99
94) Hexachlorobutadiene	15.029	225	77778	21.087	ug/l	99
95) Naphthalene	15.145	128	184390	18.460	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	101635	20.149	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023851.D
Acq On : 02 Dec 2025 10:53
Operator : SY/MD
Sample : VY1202SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:00:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1202SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023879.D
 Acq On : 04 Dec 2025 09:04
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2025
 Supervised By :Mahesh Dadoda 12/08/2025

Quant Time: Dec 05 01:41:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	494998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	762810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	650156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	339898	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	241797	48.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.660%
35) Dibromofluoromethane	7.640	113	240840	49.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.109	98	930197	48.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.408	95	300344	46.252	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.873	85	73163	19.541	ug/l	98
3) Chloromethane	2.074	50	99439	18.619	ug/l	94
4) Vinyl Chloride	2.214	62	114041	18.719	ug/l	99
5) Bromomethane	2.598	94	88493	20.118	ug/l	100
6) Chloroethane	2.745	64	80539	19.499	ug/l	96
7) Trichlorofluoromethane	3.068	101	168684	19.803	ug/l	98
8) Diethyl Ether	3.458	74	50973	19.974	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	102210	20.027	ug/l	97
10) Methyl Iodide	4.013	142	90018	17.570	ug/l	98
11) Tert butyl alcohol	4.878	59	37924m	98.974	ug/l	
12) 1,1-Dichloroethene	3.805	96	92891	19.480	ug/l	94
13) Acrolein	3.659	56	43302	140.073	ug/l	99
14) Allyl chloride	4.397	41	149606	19.623	ug/l	98
15) Acrylonitrile	5.074	53	114340	102.945	ug/l	99
16) Acetone	3.879	43	171493	115.576	ug/l	99
17) Carbon Disulfide	4.116	76	247128	17.540	ug/l	100
18) Methyl Acetate	4.397	43	53033	21.071	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	243870	20.359	ug/l	95
20) Methylene Chloride	4.629	84	105233	18.513	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	102275	19.439	ug/l	94
22) Diisopropyl ether	6.025	45	343295	20.450	ug/l	96
23) Vinyl Acetate	5.970	43	923319	99.225	ug/l	100
24) 1,1-Dichloroethane	5.927	63	194013	20.003	ug/l	98
25) 2-Butanone	6.902	43	193445	108.146	ug/l	97
26) 2,2-Dichloropropane	6.896	77	173438	19.510	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	123418	20.202	ug/l	99
28) Bromochloromethane	7.256	49	70427	19.003	ug/l	97
29) Tetrahydrofuran	7.274	42	93171	100.717	ug/l	99
30) Chloroform	7.427	83	196617	20.061	ug/l	97
31) Cyclohexane	7.707	56	170487	18.384	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	177055	20.012	ug/l	99
36) 1,1-Dichloropropene	7.841	75	139487	19.335	ug/l	99
37) Ethyl Acetate	6.994	43	69541	20.875	ug/l	99
38) Carbon Tetrachloride	7.823	117	160633	20.175	ug/l	98
39) Methylcyclohexane	9.116	83	172300	18.348	ug/l	96
40) Benzene	8.085	78	431782	19.802	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023879.D
 Acq On : 04 Dec 2025 09:04
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2025
 Supervised By : Mahesh Dadoda 12/08/2025

Quant Time: Dec 05 01:41:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	35426	20.630	ug/l #	90
42) 1,2-Dichloroethane	8.164	62	116006	20.387	ug/l	99
43) Isopropyl Acetate	8.201	43	123634	19.836	ug/l #	84
44) Trichloroethene	8.866	130	114718	20.446	ug/l	97
45) 1,2-Dichloropropane	9.146	63	105650	20.463	ug/l	94
46) Dibromomethane	9.237	93	55850	19.981	ug/l	98
47) Bromodichloromethane	9.426	83	149507	20.274	ug/l	100
48) Methyl methacrylate	9.225	41	58278	20.014	ug/l	96
49) 1,4-Dioxane	9.237	88	12694	408.429	ug/l	89
51) 4-Methyl-2-Pentanone	9.999	43	341141	104.088	ug/l	99
52) Toluene	10.170	92	273723	20.045	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	129463	19.451	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	157247	20.063	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	76634	20.310	ug/l	98
56) Ethyl methacrylate	10.445	69	92757	19.592	ug/l	98
57) 1,3-Dichloropropane	10.719	76	130592	20.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	222994	102.333	ug/l	100
59) 2-Hexanone	10.762	43	270736	109.528	ug/l	99
60) Dibromochloromethane	10.914	129	102850	20.328	ug/l	99
61) 1,2-Dibromoethane	11.018	107	68237	19.844	ug/l	99
64) Tetrachloroethene	10.652	164	132185	20.776	ug/l	100
65) Chlorobenzene	11.444	112	302724	20.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	103615	20.465	ug/l	99
67) Ethyl Benzene	11.524	91	509694	19.868	ug/l	100
68) m/p-Xylenes	11.633	106	395834	40.368	ug/l	100
69) o-Xylene	11.956	106	183484	20.006	ug/l	100
70) Styrene	11.969	104	301975	19.974	ug/l	100
71) Bromoform	12.133	173	59172	20.684	ug/l #	99
73) Isopropylbenzene	12.255	105	491743	19.636	ug/l	99
74) N-amyl acetate	12.072	43	99167	18.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	82087	20.316	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	69311m	20.569	ug/l	
77) Bromobenzene	12.536	156	114849	19.747	ug/l	100
78) n-propylbenzene	12.597	91	594491	19.673	ug/l	100
79) 2-Chlorotoluene	12.682	91	334915	19.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	399888	19.652	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27694	19.684	ug/l	97
82) 4-Chlorotoluene	12.779	91	350508	19.700	ug/l	99
83) tert-Butylbenzene	12.999	119	354542	19.327	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	398588	19.773	ug/l	98
85) sec-Butylbenzene	13.176	105	536063	19.645	ug/l	99
86) p-Isopropyltoluene	13.292	119	446149	19.746	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	227498	19.415	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	228829	19.914	ug/l	99
89) n-Butylbenzene	13.621	91	401392	19.194	ug/l	99
90) Hexachloroethane	13.883	117	92741	19.566	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	200068	19.631	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12554	19.761	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	113247	18.742	ug/l	99
94) Hexachlorobutadiene	15.023	225	74221	19.578	ug/l	99
95) Naphthalene	15.145	128	179684	18.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	97141	18.839	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
Data File : VY023879.D
Acq On : 04 Dec 2025 09:04
Operator : SY/MD
Sample : VY1204SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2025
Supervised By :Mahesh Dadoda 12/08/2025

Quant Time: Dec 05 01:41:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023879.D
 Acq On : 04 Dec 2025 09:04
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2025

Supervised By : Mahesh Dadoda 12/08/2025

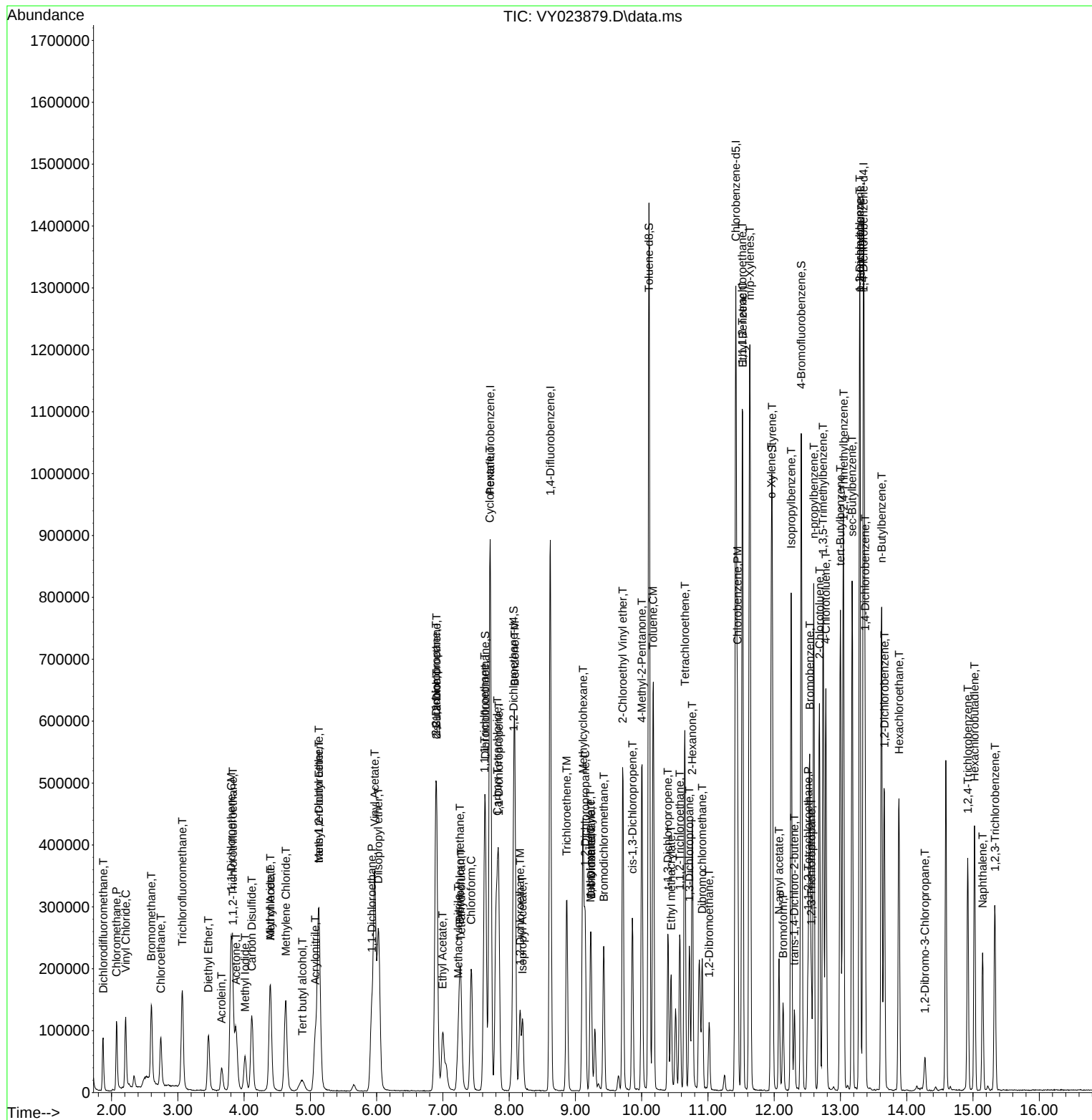
Quant Time: Dec 05 01:41:18 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M

Quant Title : SW846 8260

QLast Update : Thu Dec 04 03:49:13 2025

Response via : Initial Calibration



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

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations APPROVED

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

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

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

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

System Monitoring Compounds

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

Target Compounds

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

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations APPROVED

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

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

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

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

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

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Manual Integrations
APPROVED

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

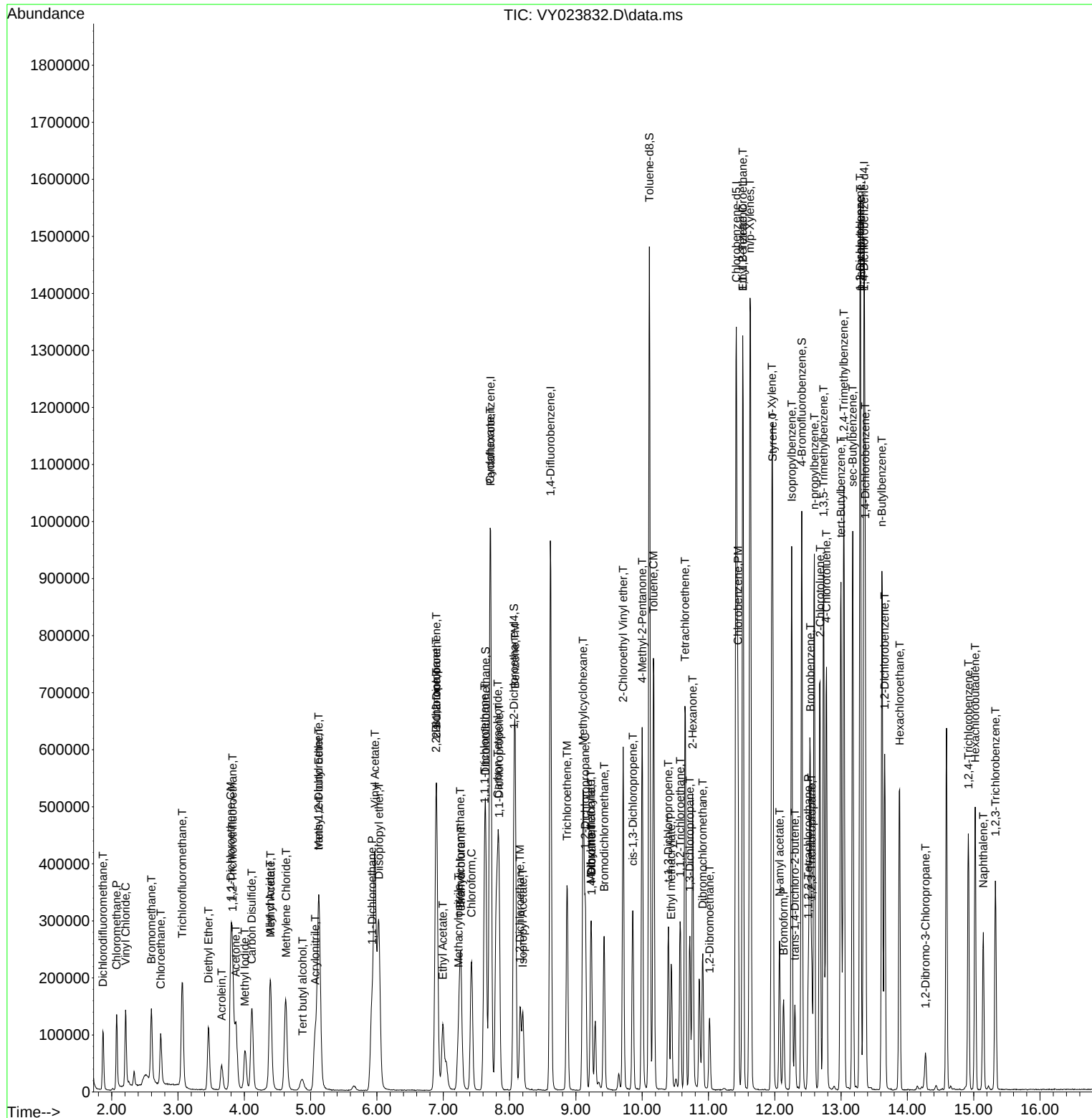
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Manual Integrations APPROVED

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



Manual Integration Report

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

Manual Integration Report

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

Manual Integration Report

Sequence:	VY120225	Instrument	MSVOA_y
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023849.D	1,2,3-Trichloropropane	sam	12/3/2025 12:33:58 PM	MMDadoda	12/3/2025 2:29:02 PM	Peak Integrated by Software
VY1202SBS01	VY023851.D	1,2,3-Trichloropropane	sam	12/3/2025 12:34:03 PM	MMDadoda	12/3/2025 2:29:05 PM	Peak Integrated by Software
VSTDCCC050	VY023863.D	1,2,3-Trichloropropane	sam	12/3/2025 12:34:13 PM	MMDadoda	12/3/2025 2:29:12 PM	Peak Integrated by Software
VSTDCCC050	VY023863.D	Methacrylonitrile	sam	12/3/2025 12:34:13 PM	MMDadoda	12/3/2025 2:29:12 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	VY120325	Instrument	MSVOA_y
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC010	VY023868.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:42:27 AM	sam	12/4/2025 2:37:06 PM	Peak Integrated by Software
VSTDICC020	VY023869.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:42:34 AM	sam	12/4/2025 2:36:57 PM	Peak Integrated by Software
VSTDICCC050	VY023870.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:42:39 AM	sam	12/4/2025 2:36:50 PM	Peak Integrated by Software
VSTDICCC050	VY023870.D	Methacrylonitrile	JOHN	12/4/2025 8:42:39 AM	sam	12/4/2025 2:36:50 PM	Peak Integrated by Software
VSTDICC100	VY023871.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:42:43 AM	sam	12/4/2025 2:37:11 PM	Peak Integrated by Software
VSTDICC150	VY023872.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:42:47 AM	sam	12/4/2025 2:37:15 PM	Peak Integrated by Software
VSTDICC005	VY023874.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:42:52 AM	sam	12/4/2025 2:36:45 PM	Peak Integrated by Software
VSTDICC005	VY023874.D	Methacrylonitrile	JOHN	12/4/2025 8:42:52 AM	sam	12/4/2025 2:36:45 PM	Peak Integrated by Software
VSTDICV050	VY023875.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:42:59 AM	sam	12/4/2025 2:36:40 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VY120425

Instrument

MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023877.D	1,2,3-Trichloropropane	sam	12/5/2025 2:15:20 PM	MMDadoda	12/8/2025 9:13:00 AM	Peak Integrated by Software
VY1204SBS01	VY023879.D	1,2,3-Trichloropropane	sam	12/5/2025 2:15:24 PM	MMDadoda	12/8/2025 9:13:04 AM	Peak Integrated by Software
VY1204SBS01	VY023879.D	Tert butyl alcohol	sam	12/5/2025 2:15:24 PM	MMDadoda	12/8/2025 9:13:04 AM	Peak Integrated by Software
VSTDCCC050	VY023896.D	1,2,3-Trichloropropane	sam	12/5/2025 2:17:15 PM	MMDadoda	12/8/2025 9:13:11 AM	Peak Integrated by Software

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY112625

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

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

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY120125

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

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

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY120225

Review By	Semsettin Yesilyurt	Review On	12/3/2025 12:40:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	12/3/2025 2:29:19 PM		
SubDirectory	VY120225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		AP136460			
CCC		VP136461,VP136462			
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	VY023848.D	02 Dec 2025 06:50	SY/MD	Ok
2	VSTDCCC050	VY023849.D	02 Dec 2025 09:14	SY/MD	Ok,M
3	VY1202SBL01	VY023850.D	02 Dec 2025 10:24	SY/MD	Ok
4	VY1202SBS01	VY023851.D	02 Dec 2025 10:53	SY/MD	Ok,M
5	VY1202SBS01	VY023852.D	02 Dec 2025 11:16	SY/MD	Ok,M
6	Q3742-05	VY023853.D	02 Dec 2025 12:08	SY/MD	Ok
7	Q3735-01	VY023854.D	02 Dec 2025 12:31	SY/MD	Ok
8	Q3741-04RE	VY023855.D	02 Dec 2025 12:55	SY/MD	Confirms
9	Q3741-05RE	VY023856.D	02 Dec 2025 13:18	SY/MD	Confirms
10	Q3741-06RE	VY023857.D	02 Dec 2025 13:42	SY/MD	Confirms
11	Q3746-01	VY023858.D	02 Dec 2025 14:05	SY/MD	Ok
12	Q3742-06	VY023859.D	02 Dec 2025 14:29	SY/MD	Ok
13	VIBLK	VY023860.D	02 Dec 2025 15:33	SY/MD	Ok
14	Q3742-08	VY023861.D	02 Dec 2025 15:57	SY/MD	Ok
15	Q3742-09	VY023862.D	02 Dec 2025 16:20	SY/MD	ReRun
16	VSTDCCC050	VY023863.D	02 Dec 2025 17:20	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY120325

Review By	John Carlone	Review On	12/4/2025 8:43:11 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/4/2025 2:37:23 PM		
SubDirectory	VY120325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y120325s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP136489			
Initial Calibration Stds		VP136490,VP136491,VP136492,VP136493,VP136494,VP136495			
CCC					
Internal Standard/PEM					
ICV/I.BLK		VP136496			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023864.D	03 Dec 2025 07:40	SY/MD	Ok
2	VSTDCCC050	VY023865.D	03 Dec 2025 08:11	SY/MD	Not Ok
3	VIBLK	VY023866.D	03 Dec 2025 13:19	SY/MD	Ok
4	VSTDICC005	VY023867.D	03 Dec 2025 13:42	SY/MD	Not Ok
5	VSTDICC010	VY023868.D	03 Dec 2025 14:05	SY/MD	Ok,M
6	VSTDICC020	VY023869.D	03 Dec 2025 14:27	SY/MD	Ok,M
7	VSTDICCC050	VY023870.D	03 Dec 2025 14:50	SY/MD	Ok,M
8	VSTDICC100	VY023871.D	03 Dec 2025 15:12	SY/MD	Ok,M
9	VSTDICC150	VY023872.D	03 Dec 2025 15:35	SY/MD	Ok,M
10	VIBLK	VY023873.D	03 Dec 2025 16:00	SY/MD	Ok
11	VSTDICC005	VY023874.D	03 Dec 2025 16:23	SY/MD	Ok,M
12	VSTDICV050	VY023875.D	03 Dec 2025 17:08	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY120425

Review By	John Carlone	Review On	12/5/2025 11:05:32 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:15:05 PM		
SubDirectory	VY120425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y120325s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136508			
CCC		VP136509,VP136510			
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	VY023876.D	04 Dec 2025 07:00	SY/MD	Ok
2	VSTDCCC050	VY023877.D	04 Dec 2025 07:31	SY/MD	Ok,M
3	VY1204SBL01	VY023878.D	04 Dec 2025 08:40	SY/MD	Ok
4	VY1204SBS01	VY023879.D	04 Dec 2025 09:04	SY/MD	Ok,M
5	VY1204SBSD01	VY023880.D	04 Dec 2025 09:27	SY/MD	Ok,M
6	Q3750-03	VY023881.D	04 Dec 2025 09:52	SY/MD	Ok
7	Q3750-06	VY023882.D	04 Dec 2025 10:15	SY/MD	ReRun
8	Q3767-01	VY023883.D	04 Dec 2025 10:39	SY/MD	Ok
9	Q3768-01	VY023884.D	04 Dec 2025 11:02	SY/MD	Ok
10	VIBLK	VY023885.D	04 Dec 2025 11:25	SY/MD	Ok
11	VIBLK	VY023886.D	04 Dec 2025 11:58	SY/MD	Ok
12	Q3750-06RE	VY023887.D	04 Dec 2025 12:22	SY/MD	Confirms
13	Q3742-16	VY023888.D	04 Dec 2025 12:45	SY/MD	Ok
14	Q3742-17	VY023889.D	04 Dec 2025 13:09	SY/MD	Ok
15	Q3742-18	VY023890.D	04 Dec 2025 13:32	SY/MD	Ok
16	Q3753-02	VY023891.D	04 Dec 2025 13:56	SY/MD	Ok
17	Q3753-04	VY023892.D	04 Dec 2025 14:19	SY/MD	Ok
18	Q3742-09	VY023893.D	04 Dec 2025 14:43	SY/MD	Ok
19	Q3742-07	VY023894.D	04 Dec 2025 15:06	SY/MD	Ok
20	Q3742-10	VY023895.D	04 Dec 2025 15:29	SY/MD	Ok
21	VSTDCCC050	VY023896.D	04 Dec 2025 15:52	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

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#	SampleID	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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120225

Review By	Semsettin Yesilyurt	Review On	12/3/2025 12:40:53 PM
Supervise By	Maresh Dadoda	Supervise On	12/3/2025 2:29:19 PM
SubDirectory	VY120225	HP Acquire Method	MSVOA_Y HP Processing Method 82y112625s.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	AP136460		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP136461,VP136462 VP136146		

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023848.D	02 Dec 2025 06:50		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023849.D	02 Dec 2025 09:14	CCAL failed high for com.#16	SY/MD	Ok,M
3	VY1202SBL01	VY1202SBL01	VY023850.D	02 Dec 2025 10:24		SY/MD	Ok
4	VY1202SBS01	VY1202SBS01	VY023851.D	02 Dec 2025 10:53		SY/MD	Ok,M
5	VY1202SBSD01	VY1202SBSD01	VY023852.D	02 Dec 2025 11:16		SY/MD	Ok,M
6	Q3742-05	SB-1125-21	VY023853.D	02 Dec 2025 12:08	vial B	SY/MD	Ok
7	Q3735-01	BU-3-112625	VY023854.D	02 Dec 2025 12:31	vial B	SY/MD	Ok
8	Q3741-04RE	B50-SP9-112425RE	VY023855.D	02 Dec 2025 12:55	Internal standard fail;Surrogate fail,vial B	SY/MD	Confirms
9	Q3741-05RE	B50-SP11-112525RE	VY023856.D	02 Dec 2025 13:18	Surrogate fail,vial B	SY/MD	Confirms
10	Q3741-06RE	B50-SP4-112525RE	VY023857.D	02 Dec 2025 13:42	Internal standard fail;Not match with first run,vial B	SY/MD	Confirms
11	Q3746-01	ROW	VY023858.D	02 Dec 2025 14:05	vial A	SY/MD	Ok
12	Q3742-06	SB-1125-13	VY023859.D	02 Dec 2025 14:29	vial A	SY/MD	Ok
13	VIBLK	VIBLK	VY023860.D	02 Dec 2025 15:33		SY/MD	Ok
14	Q3742-08	SB-1125-20	VY023861.D	02 Dec 2025 15:57	vial A	SY/MD	Ok
15	Q3742-09	SB-1125-22	VY023862.D	02 Dec 2025 16:20	Internal Standard Fail; CCC Failed High,vial A	SY/MD	ReRun
16	VSTDCCC050	VSTDCCC050EC	VY023863.D	02 Dec 2025 17:20		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120325

Review By	John Carlone	Review On	12/4/2025 8:43:11 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/4/2025 2:37:23 PM		
SubDirectory	VY120325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y120325s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP136489			
Initial Calibration Stds		VP136490,VP136491,VP136492,VP136493,VP136494,VP136495			
CCC					
Internal Standard/PEM					
ICV/I.BLK		VP136496			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023864.D	03 Dec 2025 07:40		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023865.D	03 Dec 2025 08:11	Need ICAL	SY/MD	Not Ok
3	VIBLK	VIBLK	VY023866.D	03 Dec 2025 13:19		SY/MD	Ok
4	VSTDICC005	VSTDICC005	VY023867.D	03 Dec 2025 13:42	Low spiked	SY/MD	Not Ok
5	VSTDICC010	VSTDICC010	VY023868.D	03 Dec 2025 14:05	Method failed for Comp. #13	SY/MD	Ok,M
6	VSTDICC020	VSTDICC020	VY023869.D	03 Dec 2025 14:27		SY/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VY023870.D	03 Dec 2025 14:50	Comp. #10,11,20,56,58 are on Linear Regression	SY/MD	Ok,M
8	VSTDICC100	VSTDICC100	VY023871.D	03 Dec 2025 15:12		SY/MD	Ok,M
9	VSTDICC150	VSTDICC150	VY023872.D	03 Dec 2025 15:35		SY/MD	Ok,M
10	VIBLK	VIBLK	VY023873.D	03 Dec 2025 16:00		SY/MD	Ok
11	VSTDICC005	VSTDICC005	VY023874.D	03 Dec 2025 16:23		SY/MD	Ok,M
12	VSTDICV050	ICVVY120325	VY023875.D	03 Dec 2025 17:08	ICV marginally failed for comp. #16,28	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120425

Review By	John Carlone	Review On	12/5/2025 11:05:32 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:15:05 PM		
SubDirectory	VY120425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y120325s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136508			
CCC		VP136509,VP136510			
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	VY023876.D	04 Dec 2025 07:00		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023877.D	04 Dec 2025 07:31		SY/MD	Ok,M
3	VY1204SBL01	VY1204SBL01	VY023878.D	04 Dec 2025 08:40		SY/MD	Ok
4	VY1204SBS01	VY1204SBS01	VY023879.D	04 Dec 2025 09:04		SY/MD	Ok,M
5	VY1204SBSD01	VY1204SBSD01	VY023880.D	04 Dec 2025 09:27		SY/MD	Ok,M
6	Q3750-03	FENCE WC-1-VOC	VY023881.D	04 Dec 2025 09:52	vial A	SY/MD	Ok
7	Q3750-06	FENCE WC-2-VOC	VY023882.D	04 Dec 2025 10:15	Internal Standard Fail,vial A	SY/MD	ReRun
8	Q3767-01	346	VY023883.D	04 Dec 2025 10:39	vial A	SY/MD	Ok
9	Q3768-01	20071	VY023884.D	04 Dec 2025 11:02	Surrogate Fail;Internal Standard Fail,confirmation with MeOH,vial A	SY/MD	Ok
10	VIBLK	VIBLK	VY023885.D	04 Dec 2025 11:25		SY/MD	Ok
11	VIBLK	VIBLK	VY023886.D	04 Dec 2025 11:58		SY/MD	Ok
12	Q3750-06RE	FENCE WC-2-VOCRE	VY023887.D	04 Dec 2025 12:22	Internal Standard Fail,vial B	SY/MD	Confirms
13	Q3742-16	SB-1125-1	VY023888.D	04 Dec 2025 12:45	vial A	SY/MD	Ok
14	Q3742-17	SB-1125-25	VY023889.D	04 Dec 2025 13:09	vial A	SY/MD	Ok
15	Q3742-18	SB-1125-24	VY023890.D	04 Dec 2025 13:32	vial A	SY/MD	Ok
16	Q3753-02	MOO-25-334-337	VY023891.D	04 Dec 2025 13:56	vial A	SY/MD	Ok
17	Q3753-04	AR520-0002	VY023892.D	04 Dec 2025 14:19	vial A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY120425

Review By	John Carlone	Review On	12/5/2025 11:05:32 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:15:05 PM		
SubDirectory	VY120425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y120325s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP136508			
CCC		VP136509,VP136510			
Internal Standard/PEM		VP136146			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q3742-09	SB-1125-22	VY023893.D	04 Dec 2025 14:43	vial B	SY/MD	Ok
19	Q3742-07	SB-1125-18	VY023894.D	04 Dec 2025 15:06	vial B	SY/MD	Ok
20	Q3742-10	SB-1125-2	VY023895.D	04 Dec 2025 15:29	vial B	SY/MD	Ok
21	VSTDCCC050	VSTDCCC050EC	VY023896.D	04 Dec 2025 15:52		SY/MD	Ok,M

M : Manual Integration

LAB CHRONICLE

OrderID:	Q3742	OrderDate:	12/1/2025 9:06:00 AM
Client:	Remington & Vernick	Project:	Saddler Property
Contact:	Justin Zarzecki	Location:	--Select--,A21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3742-01	SB-1125-23	SOIL	VOC-TCLVOA-10	8260D	11/26/25		12/01/25	11/26/25
Q3742-02	SB-1125-19	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/01/25	11/26/25
Q3742-03	SB-1125-8	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/01/25	11/26/25
Q3742-04	SB-1125-9	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/01/25	11/26/25
Q3742-05	SB-1125-21	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/02/25	11/26/25
Q3742-06	SB-1125-13	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/02/25	11/26/25
Q3742-07	SB-1125-18	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/04/25	11/26/25
Q3742-08	SB-1125-20	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/02/25	11/26/25
Q3742-09	SB-1125-22	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/04/25	11/26/25
Q3742-10	SB-1125-2	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/04/25	11/26/25
Q3742-16	SB-1125-1	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/04/25	11/26/25
Q3742-17	SB-1125-25	SOIL			11/25/25			11/26/25

LAB CHRONICLE

Q3742-18	SB-1125-24	SOIL	VOC-TCLVOA-10	8260D		12/04/25	
			VOC-TCLVOA-10	8260D	11/25/25	12/04/25	11/26/25

A

C

D

E

F

G

H

I

J