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

Hit Summary Sheet
SW-846

SDG No.: Q2364

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GAV2B**								
Q2364-04	GAV2B	SOIL	Acetone		30.5		5.00	26.5	ug/Kg
			Total Voc :		30.5				
Q2364-04	GAV2B	SOIL	Bicyclo[2.2.1]heptane, 2,2,3-tri	*	25.1	J	0	0	ug/Kg
Q2364-04	GAV2B	SOIL	Benzene, 1,2,3,4-tetramethyl-	*	5.40	J	0	0	ug/Kg
			Total Tics :		30.5				
			Total Concentration:		61.0				

SAMPLE DATA

Raw Data: **VY022752.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022752.D	1		06/19/25 13:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.50	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.87	U	0.87	5.50	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.50	ug/Kg
67-64-1	Acetone	5.20	U	5.20	27.4	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.80	U	0.80	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.94	U	0.94	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.88	U	0.88	5.50	ug/Kg
110-82-7	Cyclohexane	0.87	U	0.87	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.4	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.92	U	0.92	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.87	U	0.87	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	0.87	5.50	ug/Kg
79-01-6	Trichloroethene	0.89	U	0.89	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.85	U	0.85	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.90	U	3.90	27.4	ug/Kg
108-88-3	Toluene	0.85	U	0.85	5.50	ug/Kg

Raw Data: **VY022752.D**

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

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022752.D	1		06/19/25 13:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.71	U	0.71	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.68	U	0.68	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	27.4	ug/Kg
124-48-1	Dibromochloromethane	0.95	U	0.95	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.96	U	0.96	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.0	ug/Kg
95-47-6	o-Xylene	0.90	U	0.90	5.50	ug/Kg
100-42-5	Styrene	0.78	U	0.78	5.50	ug/Kg
75-25-2	Bromoform	0.94	U	0.94	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.85	U	0.85	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.9		70 (63) - 130 (155)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	55.0		70 (70) - 130 (134)	110%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (74) - 130 (123)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2		70 (17) - 130 (146)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	89300	7.707			
540-36-3	1,4-Difluorobenzene	170000	8.615			
3114-55-4	Chlorobenzene-d5	144000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	53900	13.346			

Raw Data: **VY022752.D**

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

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV1B	SDG No.:	Q2364
Lab Sample ID:	Q2364-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022752.D	1		06/19/25 13:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VY022753.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.6
Sample Wt/Vol:	6.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022753.D	1		06/19/25 14:11	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.30	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.30	ug/Kg
75-01-4	Vinyl Chloride	0.84	U	0.84	5.30	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.30	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.30	ug/Kg
67-64-1	Acetone	30.5		5.00	26.5	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.77	U	0.77	5.30	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.30	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.91	U	0.91	5.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.85	U	0.85	5.30	ug/Kg
110-82-7	Cyclohexane	0.84	U	0.84	5.30	ug/Kg
78-93-3	2-Butanone	6.90	U	6.90	26.5	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.30	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.30	ug/Kg
67-66-3	Chloroform	0.89	U	0.89	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	5.30	ug/Kg
108-87-2	Methylcyclohexane	0.97	U	0.97	5.30	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.84	U	0.84	5.30	ug/Kg
79-01-6	Trichloroethene	0.86	U	0.86	5.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.97	U	0.97	5.30	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	0.83	5.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	26.5	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.30	ug/Kg

Raw Data: **VY022753.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.6
Sample Wt/Vol:	6.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022753.D	1		06/19/25 14:11	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.69	U	0.69	5.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.66	U	0.66	5.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	5.30	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	26.5	ug/Kg
124-48-1	Dibromochloromethane	0.92	U	0.92	5.30	ug/Kg
106-93-4	1,2-Dibromoethane	0.93	U	0.93	5.30	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.30	ug/Kg
108-90-7	Chlorobenzene	0.97	U	0.97	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.6	ug/Kg
95-47-6	o-Xylene	0.87	U	0.87	5.30	ug/Kg
100-42-5	Styrene	0.75	U	0.75	5.30	ug/Kg
75-25-2	Bromoform	0.91	U	0.91	5.30	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	3.40	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.5		70 (63) - 130 (155)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		70 (17) - 130 (146)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	88900	7.707			
540-36-3	1,4-Difluorobenzene	167000	8.615			
3114-55-4	Chlorobenzene-d5	143000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	54200	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VY022753.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Ave B	Date Received:	06/18/25
Client Sample ID:	GAV2B	SDG No.:	Q2364
Lab Sample ID:	Q2364-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	76.6
Sample Wt/Vol:	6.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022753.D	1		06/19/25 14:11	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000473-19-8	Bicyclo[2.2.1]heptane, 2,2,3-trime	25.1	J		12.8	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	5.40	J		13.4	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2364-02	GAV1B	1,2-Dichloroethane-d4	50	55.9	112	70 (63)	130 (155)
		Dibromofluoromethane	50	55.0	110	70 (70)	130 (134)
		Toluene-d8	50	50.3	100	70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.1	84	70 (17)	130 (146)
Q2364-04	GAV2B	1,2-Dichloroethane-d4	50	57.5	115	70 (63)	130 (155)
		Dibromofluoromethane	50	53.5	107	70 (70)	130 (134)
		Toluene-d8	50	50.5	101	70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.1	90	70 (17)	130 (146)
VY0619SBL01	VY0619SBL01	1,2-Dichloroethane-d4	50	50.4	101	70 (63)	130 (155)
		Dibromofluoromethane	50	50.9	102	70 (70)	130 (134)
		Toluene-d8	50	50.5	101	70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.1	80	70 (17)	130 (146)
VY0619SBS01	VY0619SBS01	1,2-Dichloroethane-d4	50	51.3	102	70 (63)	130 (155)
		Dibromofluoromethane	50	53.0	106	70 (70)	130 (134)
		Toluene-d8	50	51.4	103	70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.9	96	70 (17)	130 (146)
VY0619SBSD01	VY0619SBSD01	1,2-Dichloroethane-d4	50	55.5	111	70 (63)	130 (155)
		Dibromofluoromethane	50	53.8	108	70 (70)	130 (134)
		Toluene-d8	50	53.5	107	70 (74)	130 (123)
		4-Bromofluorobenzene	50	51.5	103	70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022744.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0619SBS01	Dichlorodifluoromethane	20	20.5	ug/Kg	103			40 (64)	160 (136)	
	Chloromethane	20	16.7	ug/Kg	84			40 (52)	160 (151)	
	Vinyl chloride	20	19.8	ug/Kg	99			70 (56)	130 (148)	
	Bromomethane	20	20.2	ug/Kg	101			40 (58)	160 (141)	
	Chloroethane	20	21.2	ug/Kg	106			40 (69)	160 (130)	
	Trichlorofluoromethane	20	21.6	ug/Kg	108			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109			70 (81)	130 (123)	
	1,1-Dichloroethene	20	21.1	ug/Kg	106			70 (79)	130 (121)	
	Acetone	100	140	ug/Kg	140			40 (40)	160 (171)	
	Carbon disulfide	20	19.8	ug/Kg	99			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	19.5	ug/Kg	98			70 (77)	130 (129)	
	Methyl Acetate	20	17.4	ug/Kg	87			70 (69)	130 (149)	
	Methylene Chloride	20	20.6	ug/Kg	103			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106			70 (80)	130 (123)	
	1,1-Dichloroethane	20	22.1	ug/Kg	111			70 (82)	130 (123)	
	Cyclohexane	20	19.3	ug/Kg	97			70 (76)	130 (122)	
	2-Butanone	100	120	ug/Kg	120			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.9	ug/Kg	104			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	21.2	ug/Kg	106			70 (82)	130 (123)	
	Bromochloromethane	20	21.7	ug/Kg	109			70 (80)	130 (127)	
	Chloroform	20	22.4	ug/Kg	112			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	21.9	ug/Kg	110			70 (80)	130 (126)	
	Methylcyclohexane	20	19.3	ug/Kg	97			70 (77)	130 (123)	
	Benzene	20	21.4	ug/Kg	107			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.7	ug/Kg	104			70 (81)	130 (126)	
	Trichloroethene	20	21.7	ug/Kg	109			70 (83)	130 (122)	
	1,2-Dichloropropane	20	22.2	ug/Kg	111			70 (83)	130 (122)	
	Bromodichloromethane	20	21.7	ug/Kg	109			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	91.0	ug/Kg	91			40 (70)	160 (135)	
	Toluene	20	21.1	ug/Kg	106			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.8	ug/Kg	104			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	21.2	ug/Kg	106			70 (82)	130 (125)	
	2-Hexanone	100	98.6	ug/Kg	99			40 (66)	160 (138)	
	Dibromochloromethane	20	20.9	ug/Kg	104			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.3	ug/Kg	102			70 (80)	130 (125)	
	Tetrachloroethene	20	22.2	ug/Kg	111			70 (83)	130 (125)	
	Chlorobenzene	20	20.8	ug/Kg	104			70 (84)	130 (122)	
	Ethyl Benzene	20	20.6	ug/Kg	103			70 (82)	130 (124)	
	m/p-Xylenes	40	40.5	ug/Kg	101			70 (83)	130 (124)	
	o-Xylene	20	20.3	ug/Kg	102			70 (83)	130 (123)	
	Styrene	20	20.2	ug/Kg	101			70 (82)	130 (124)	
	Bromoform	20	19.1	ug/Kg	96			70 (75)	130 (127)	
	Isopropylbenzene	20	20.7	ug/Kg	104			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	20.6	ug/Kg	103			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	20.9	ug/Kg	104			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.7	ug/Kg	104			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022744.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0619SBS01	1,2-Dibromo-3-Chloropropane	20	19.7	ug/Kg	99			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	20.4	ug/Kg	102			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022745.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0619SBSD01	Dichlorodifluoromethane	20	21.5	ug/Kg	108	5		40 (64)	160 (136)	30 (20)
	Chloromethane	20	18.2	ug/Kg	91	8		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	21.2	ug/Kg	106	7		70 (56)	130 (148)	30 (20)
	Bromomethane	20	20.9	ug/Kg	104	3		40 (58)	160 (141)	30 (20)
	Chloroethane	20	22.9	ug/Kg	115	8		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	23.7	ug/Kg	119	10		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	22.9	ug/Kg	115	5		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	21.5	ug/Kg	108	2		70 (79)	130 (121)	30 (20)
	Acetone	100	160	ug/Kg	160	13		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	20.3	ug/Kg	102	3		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109	11		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	21.9	ug/Kg	110	23		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	22.1	ug/Kg	111	7		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	22.5	ug/Kg	113	6		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	23.8	ug/Kg	119	7		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.5	ug/Kg	103	6		70 (76)	130 (122)	30 (20)
	2-Butanone	100	130	ug/Kg	130	8		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	21.7	ug/Kg	109	5		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	22.2	ug/Kg	111	5		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	22.7	ug/Kg	114	4		70 (80)	130 (127)	30 (20)
	Chloroform	20	23.1	ug/Kg	116	4		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	22.6	ug/Kg	113	3		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	20.0	ug/Kg	100	3		70 (77)	130 (123)	30 (20)
	Benzene	20	22.5	ug/Kg	113	5		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	22.8	ug/Kg	114	9		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	22.5	ug/Kg	113	4		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	23.4	ug/Kg	117	5		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	22.9	ug/Kg	115	5		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	19		40 (70)	160 (135)	30 (20)
	Toluene	20	21.7	ug/Kg	109	3		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	22.0	ug/Kg	110	12		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	22.4	ug/Kg	112	7		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	23.3	ug/Kg	117	10		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	120	ug/Kg	120	19		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	22.4	ug/Kg	112	7		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	22.4	ug/Kg	112	9		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	25.6	ug/Kg	128	14		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	22.3	ug/Kg	112	7		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	21.0	ug/Kg	105	2		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	41.9	ug/Kg	105	4		70 (83)	130 (124)	30 (20)
	o-Xylene	20	20.9	ug/Kg	104	2		70 (83)	130 (123)	30 (20)
	Styrene	20	21.2	ug/Kg	106	5		70 (82)	130 (124)	30 (20)
	Bromoform	20	22.5	ug/Kg	113	16		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	21.1	ug/Kg	106	2		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109	6		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	21.7	ug/Kg	109	5		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	22.3	ug/Kg	112	6		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	22.3	ug/Kg	112	7		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2364

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022745.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0619SBSD01	1,2-Dibromo-3-Chloropropane	20	24.5	ug/Kg	123	22		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	21.2	ug/Kg	106	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	22.4	ug/Kg	112	13		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0619SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022743.D Lab Sample ID: VY0619SBL01

Date Analyzed: 06/19/2025 Time Analyzed: 09:48

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
VY0619SBS01	VY0619SBS01	VY022744.D	06/19/2025
VY0619SBSD01	VY0619SBSD01	VY022745.D	06/19/2025
GAV1B	Q2364-02	VY022752.D	06/19/2025
GAV2B	Q2364-04	VY022753.D	06/19/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022488.D BFB Injection Date: 06/02/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:31

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	25.6
75	30.0 - 60.0% of mass 95	58.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	86.2
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.5 (95.6) 1
177	5.0 - 9.0% of mass 176	5.4 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY022491.D	06/02/2025	11:46
VSTDICC010	VSTDICC010	VY022492.D	06/02/2025	12:09
VSTDICC020	VSTDICC020	VY022493.D	06/02/2025	12:32
VSTDICCC050	VSTDICCC050	VY022494.D	06/02/2025	12:54
VSTDICC100	VSTDICC100	VY022495.D	06/02/2025	13:17
VSTDICC150	VSTDICC150	VY022496.D	06/02/2025	13:39

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022741.D BFB Injection Date: 06/19/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:38

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	25.3
75	30.0 - 60.0% of mass 95	58.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1.2 (1.4) 1
174	50.0 - 100.0% of mass 95	87.2
175	5.0 - 9.0% of mass 174	7.3 (8.4) 1
176	95.0 - 101.0% of mass 174	84.3 (96.7) 1
177	5.0 - 9.0% of mass 176	5.5 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022742.D	06/19/2025	09:10
VY0619SBL01	VY0619SBL01	VY022743.D	06/19/2025	09:48
VY0619SBS01	VY0619SBS01	VY022744.D	06/19/2025	10:26
VY0619SBSD01	VY0619SBSD01	VY022745.D	06/19/2025	10:49
GAV1B	Q2364-02	VY022752.D	06/19/2025	13:48
GAV2B	Q2364-04	VY022753.D	06/19/2025	14:11

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022742.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:10

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	138661	7.71	231867	8.62	198920	11.41
UPPER LIMIT	277322	8.213	463734	9.116	397840	11.914
LOWER LIMIT	69330.5	7.213	115934	8.116	99460	10.914
EPA SAMPLE NO.						
GAV1B	89285	7.71	170451	8.62	144046	11.41
GAV2B	88870	7.71	166685	8.62	143096	11.41
VY0619SBL01	102602	7.71	191401	8.62	154033	11.41
VY0619SBS01	142585	7.71	243559	8.62	203825	11.41
VY0619SBSD01	135425	7.71	230490	8.62	196060	11.41

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG NO.: Q2364

Lab File ID: VY022742.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:10

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	92724	13.347				
UPPER LIMIT	185448	13.847				
LOWER LIMIT	46362	12.847				
EPA SAMPLE NO.						
GAV1B	53874	13.35				
GAV2B	54203	13.35				
VY0619SBL01	52432	13.35				
VY0619SBS01	92139	13.35				
VY0619SBSD01	90185	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

Raw Data: **VY022743.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBL01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022743.D	1		06/19/25 09:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Raw Data: **VY022743.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBL01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022743.D	1		06/19/25 09:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.2		70 (17) - 130 (146)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	103000	7.713			
540-36-3	1,4-Difluorobenzene	191000	8.616			
3114-55-4	Chlorobenzene-d5	154000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	52400	13.346			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBL01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022743.D	1		06/19/25 09:48	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBS01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022744.D	1		06/19/25 10:26	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	16.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.1		1.00	5.00	ug/Kg
67-64-1	Acetone	140		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	19.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.4		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.6		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.9		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.3		0.91	5.00	ug/Kg
71-43-2	Benzene	21.4		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.7		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.2		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.7		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	91.0		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

Raw Data: **VY022744.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBS01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022744.D	1		06/19/25 10:26	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.8		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.2		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	98.6		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.9		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.3		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.8		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.3		0.82	5.00	ug/Kg
100-42-5	Styrene	20.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.7		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.6		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.4		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (63) - 130 (155)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	51.4		70 (74) - 130 (123)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		70 (17) - 130 (146)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	143000	7.713			
540-36-3	1,4-Difluorobenzene	244000	8.616			
3114-55-4	Chlorobenzene-d5	204000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	92100	13.347			

Raw Data: **VY022744.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBS01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022744.D	1		06/19/25 10:26	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBSD01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022745.D	1		06/19/25 10:49	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	18.2		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.2		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	22.9		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	23.7		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.9		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.5		1.00	5.00	ug/Kg
67-64-1	Acetone	160		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	22.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	23.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.5		0.79	5.00	ug/Kg
78-93-3	2-Butanone	130		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.1		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.0		0.91	5.00	ug/Kg
71-43-2	Benzene	22.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	22.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	23.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.9		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	21.7		0.78	5.00	ug/Kg

Raw Data: **VY022745.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBSD01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022745.D	1		06/19/25 10:49	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	22.0		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	120		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.4		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	25.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	22.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.9		0.82	5.00	ug/Kg
100-42-5	Styrene	21.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	22.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	24.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		70 (63) - 130 (155)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (70) - 130 (134)	108%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (74) - 130 (123)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (17) - 130 (146)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	135000	7.707			
540-36-3	1,4-Difluorobenzene	230000	8.616			
3114-55-4	Chlorobenzene-d5	196000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	90200	13.346			

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0619SBSD01	SDG No.:	Q2364
Lab Sample ID:	VY0619SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022745.D	1		06/19/25 10:49	VY061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

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

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.433	0.542	0.495	0.413	0.397	0.405	0.448	13
Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.3
Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.8
Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.8
Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.8
Trichlorofluoromethane	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.5
1,1,2-Trichlorotrifluoroethane	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.1
1,1-Dichloroethene	0.469	0.577	0.549	0.518	0.510	0.523	0.524	7
Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.6
Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.2
Methyl tert-butyl Ether	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.4
Methyl Acetate	0.280	0.408	0.396	0.333	0.301	0.301	0.336	15.9
Methylene Chloride	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.7
trans-1,2-Dichloroethene	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.4
1,1-Dichloroethane	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7
Cyclohexane	1.168	1.208	1.098	1.015	0.970	0.988	1.075	9.2
2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.6
Carbon Tetrachloride	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.5
cis-1,2-Dichloroethene	0.592	0.731	0.706	0.682	0.668	0.691	0.678	7
Bromochloromethane	0.470	0.477	0.479	0.454	0.469	0.474	0.471	1.9
Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.9
1,1,1-Trichloroethane	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.4
Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.9
Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.7
1,2-Dichloroethane	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.4
Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.7
1,2-Dichloropropane	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.6
Bromodichloromethane	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.7
4-Methyl-2-Pentanone	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.1
Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.8

* 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.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

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

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.2
cis-1,3-Dichloropropene	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.7
1,1,2-Trichloroethane	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.7
2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.3
Dibromochloromethane	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.6
1,2-Dibromoethane	0.174	0.236	0.239	0.223	0.225	0.230	0.221	10.9
Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.7
Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.5
Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.9
m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.9
o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11
Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.9
Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.7
Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.3
1,1,2,2-Tetrachloroethane	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.3
1,3-Dichlorobenzene	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.3
1,4-Dichlorobenzene	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.3
1,2-Dichlorobenzene	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.3
1,2-Dibromo-3-Chloropropane	0.074	0.110	0.103	0.105	0.098	0.099	0.098	12.7
1,2,4-Trichlorobenzene	0.667	0.863	0.812	0.817	0.851	0.865	0.813	9.2
1,2,3-Trichlorobenzene	0.622	0.721	0.712	0.699	0.710	0.714	0.697	5.3
1,2-Dichloroethane-d4	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.1
Dibromofluoromethane	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.2
Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.2
4-Bromofluorobenzene	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.6

* 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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date/Time: 06/19/2025 09:10

Lab File ID: VY022742.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.448	0.401		-10.49	20
Chloromethane	1.322	1.057	0.1	-20.05	20
Vinyl Chloride	1.534	1.440		-6.13	20
Bromomethane	1.470	1.180		-19.73	20
Chloroethane	1.053	1.070		1.61	20
Trichlorofluoromethane	1.302	1.323		1.61	20
1,1,2-Trichlorotrifluoroethane	0.549	0.585		6.56	20
1,1-Dichloroethene	0.524	0.548		4.58	20
Acetone	0.114	0.127		11.4	20
Carbon Disulfide	1.679	1.619		-3.57	20
Methyl tert-butyl Ether	1.477	1.571		6.36	20
Methyl Acetate	0.336	0.395		17.56	20
Methylene Chloride	0.645	0.661		2.48	20
trans-1,2-Dichloroethene	0.587	0.630		7.32	20
1,1-Dichloroethane	1.079	1.227	0.1	13.72	20
Cyclohexane	1.075	1.012		-5.86	20
2-Butanone	0.164	0.173		5.49	20
Carbon Tetrachloride	0.497	0.557		12.07	20
cis-1,2-Dichloroethene	0.678	0.751		10.77	20
Bromochloromethane	0.471	0.506		7.43	20
Chloroform	1.069	1.227		14.78	20
1,1,1-Trichloroethane	0.949	1.074		13.17	20
Methylcyclohexane	0.651	0.656		0.77	20
Benzene	1.431	1.613		12.72	20
1,2-Dichloroethane	0.391	0.438		12.02	20
Trichloroethene	0.350	0.387		10.57	20
1,2-Dichloropropane	0.338	0.389		15.09	20
Bromodichloromethane	0.482	0.562		16.6	20
4-Methyl-2-Pentanone	0.233	0.248		6.44	20
Toluene	0.899	1.000		11.23	20
t-1,3-Dichloropropene	0.452	0.497		9.96	20
cis-1,3-Dichloropropene	0.526	0.594		12.93	20
1,1,2-Trichloroethane	0.243	0.277		13.99	20
2-Hexanone	0.156	0.163		4.49	20
Dibromochloromethane	0.308	0.351		13.96	20
1,2-Dibromoethane	0.221	0.246		11.31	20
Tetrachloroethene	0.430	0.506		17.67	20
Chlorobenzene	1.106	1.236	0.3	11.75	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2364 SAS No.: Q2364 SDG No.: Q2364

Instrument ID: MSVOA_Y Calibration Date/Time: 06/19/2025 09:10

Lab File ID: VY022742.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.052	2.275		10.87	20
m/p-Xylenes	0.778	0.866		11.31	20
o-Xylene	0.729	0.806		10.56	20
Styrene	1.206	1.353		12.19	20
Bromoform	0.198	0.220	0.1	11.11	20
Isopropylbenzene	4.105	4.525		10.23	20
1,1,2,2-Tetrachloroethane	0.674	0.725	0.3	7.57	20
1,3-Dichlorobenzene	1.755	1.968		12.14	20
1,4-Dichlorobenzene	1.702	1.883		10.64	20
1,2-Dichlorobenzene	1.490	1.622		8.86	20
1,2-Dibromo-3-Chloropropane	0.098	0.102		4.08	20
1,2,4-Trichlorobenzene	0.813	0.892		9.72	20
1,2,3-Trichlorobenzene	0.697	0.738		5.88	20
1,2-Dichloroethane-d4	0.559	0.594		6.26	20
Dibromofluoromethane	0.298	0.323		8.39	20
Toluene-d8	1.206	1.284		6.47	20
4-Bromofluorobenzene	0.359	0.367		2.23	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\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Time: Jun 20 02:59:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	89285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	170451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	144046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55857	55.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.880%			
35) Dibromofluoromethane	7.640	113	55951	54.995	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.980%			
50) Toluene-d8	10.103	98	206564	50.248	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.401	95	51629	42.152	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.300%			

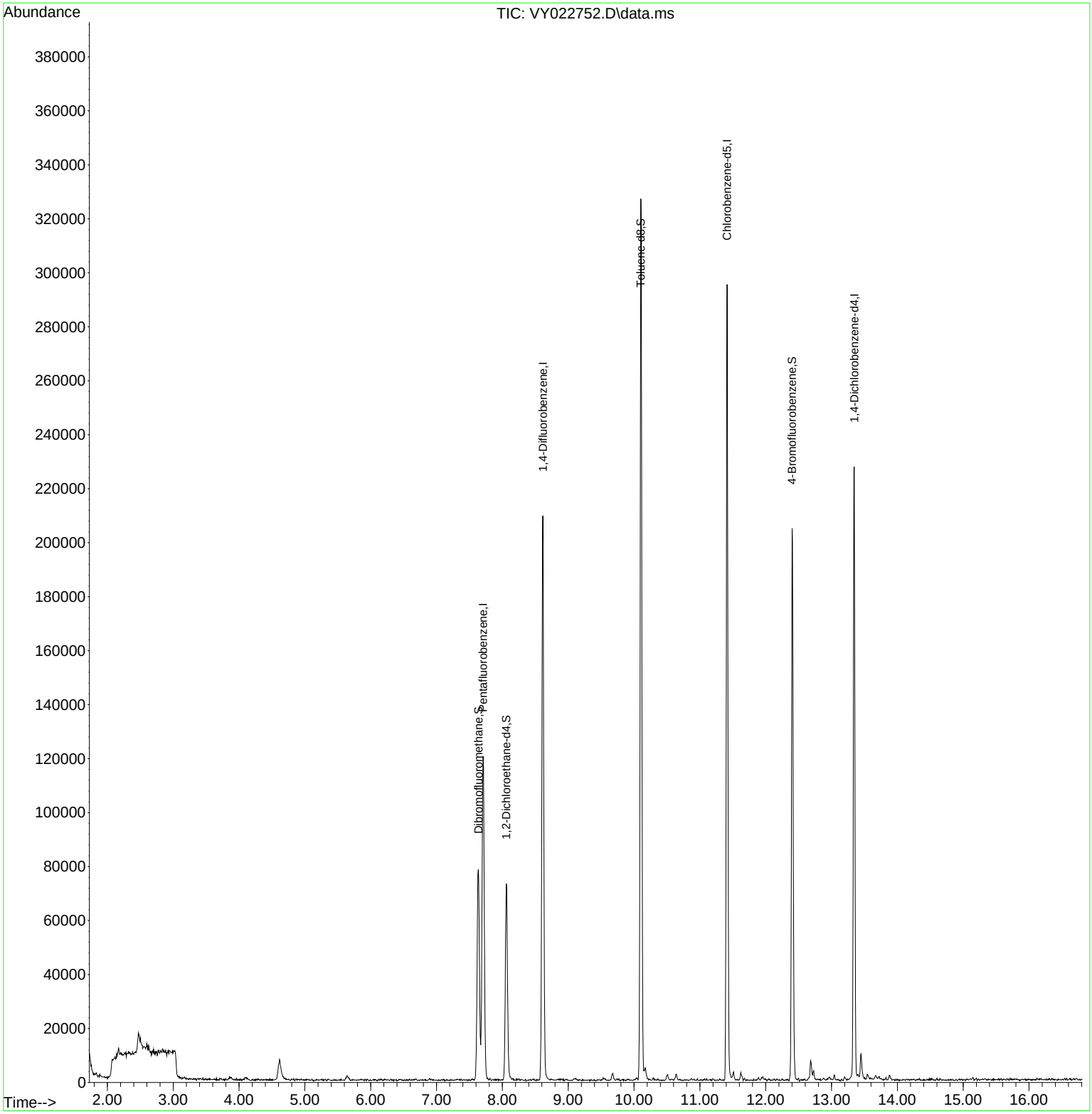
Target Compounds Qvalue

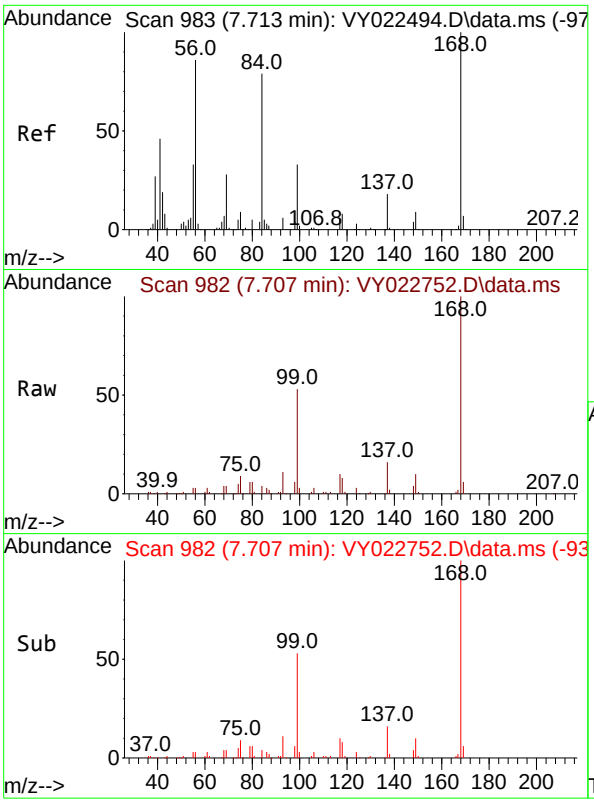
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Time: Jun 20 02:59:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



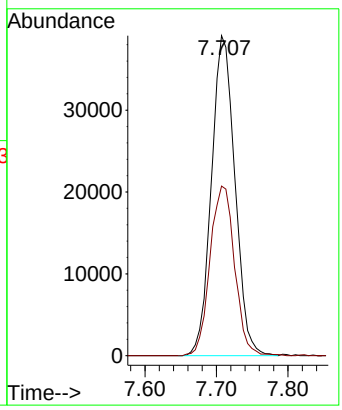


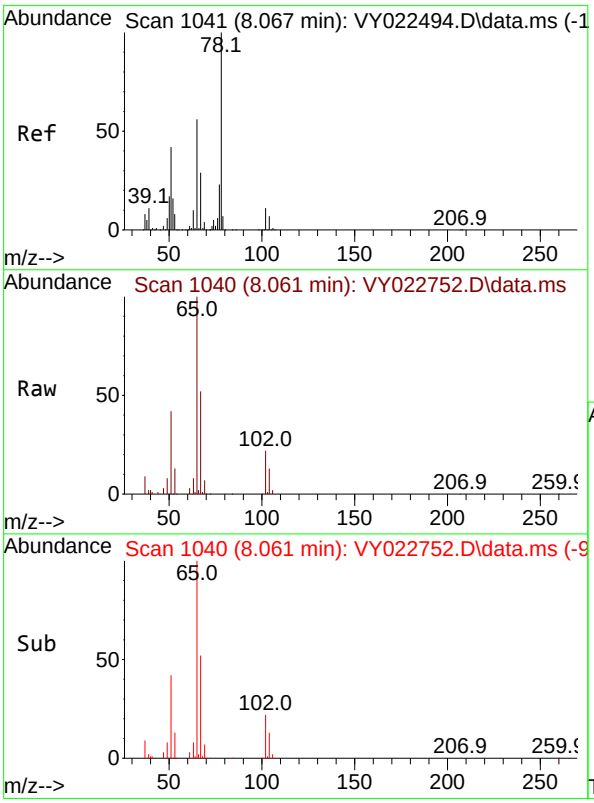
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion:168 Resp: 89285

Ion	Ratio	Lower	Upper
168	100		
99	53.0	44.3	66.5

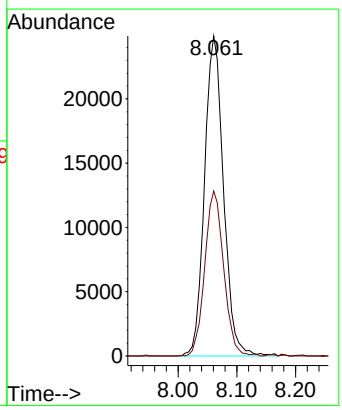


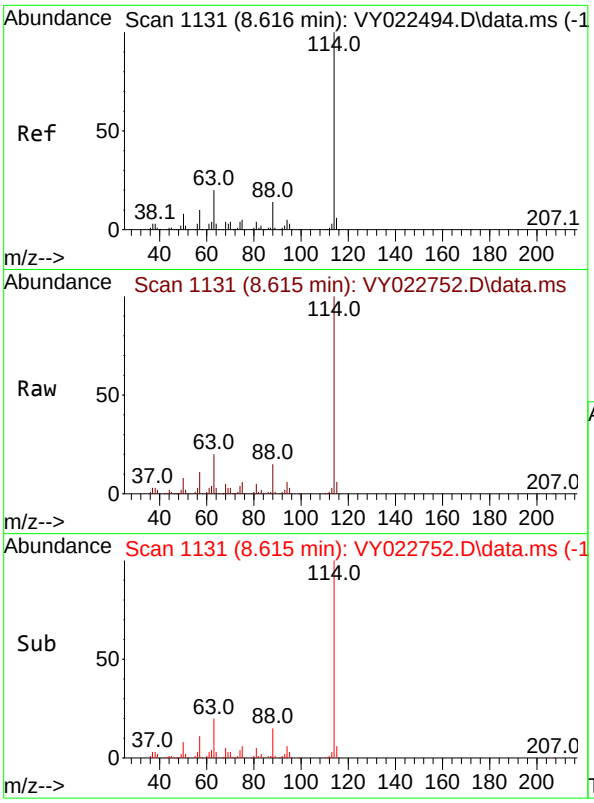


#33
1,2-Dichloroethane-d4
Concen: 55.935 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion: 65 Resp: 55857

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4



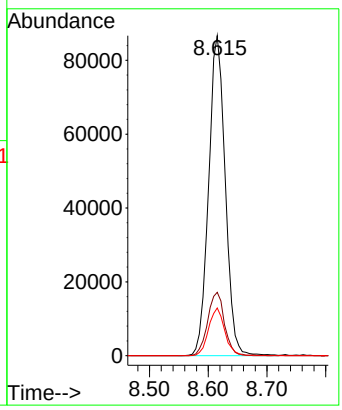


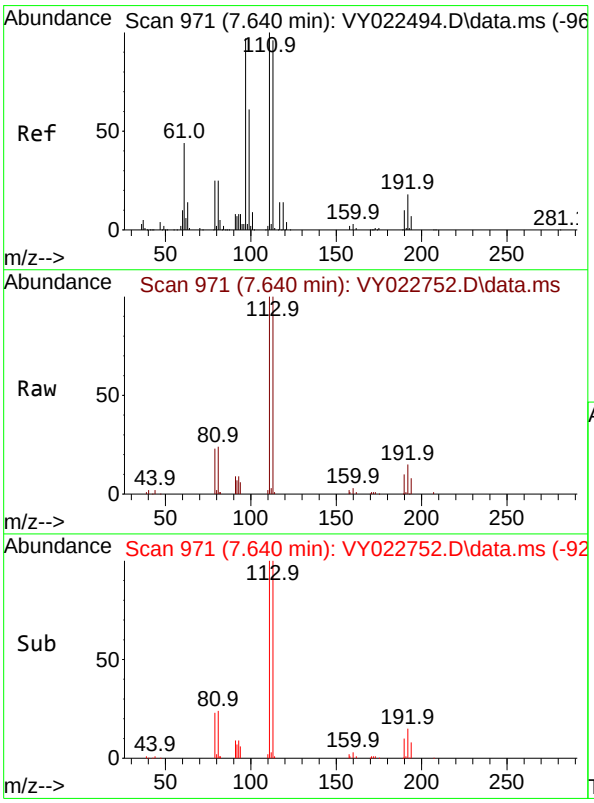
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion:114 Resp: 170451

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	14.9	0.0	27.8

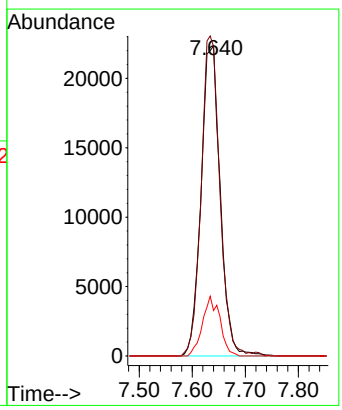


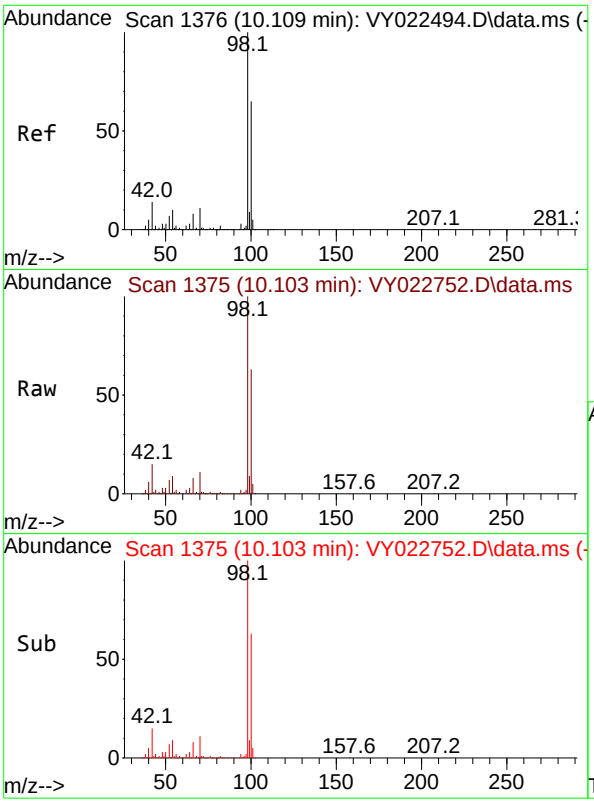


#35
Dibromofluoromethane
Concen: 54.995 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion:113 Resp: 55951

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.1	121.7
192	17.6	14.2	21.2



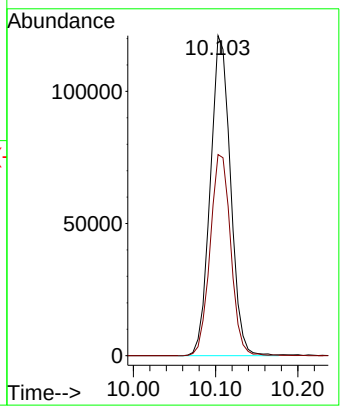


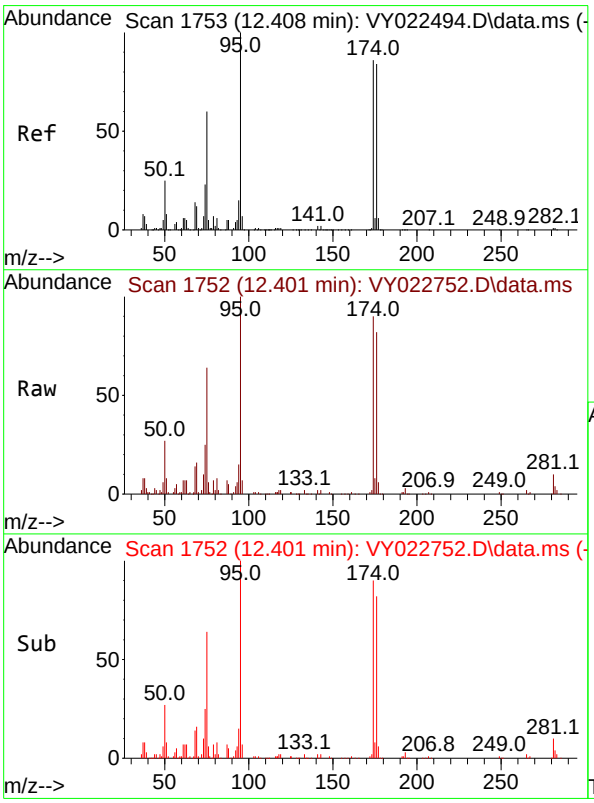
#50
Toluene-d8
Concen: 50.248 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion: 98 Resp: 206564

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0

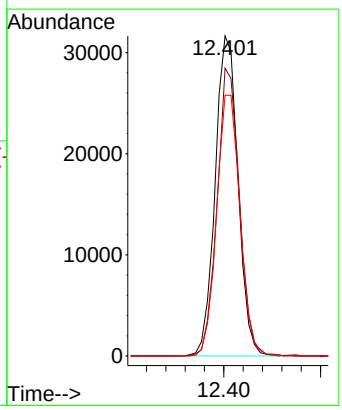


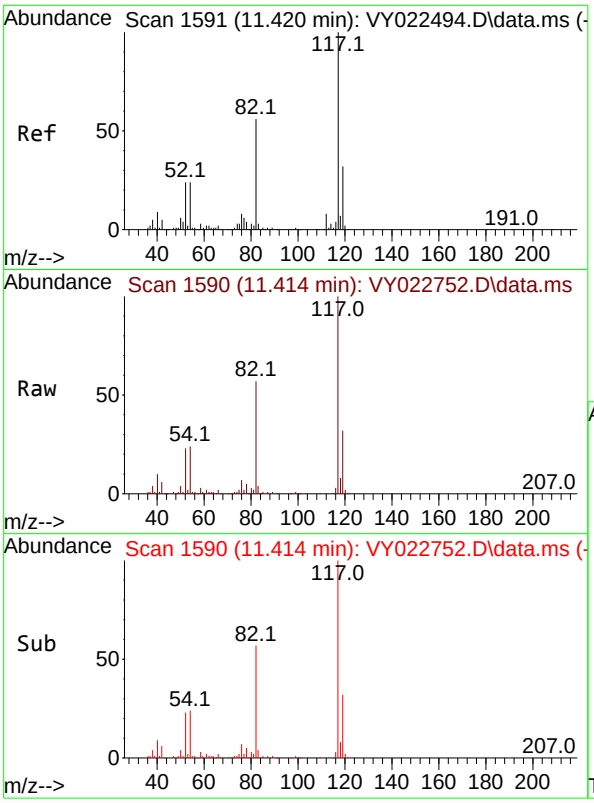


#62
4-Bromofluorobenzene
Concen: 42.152 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion: 95 Resp: 51629

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	170.0
176	84.0	0.0	166.2



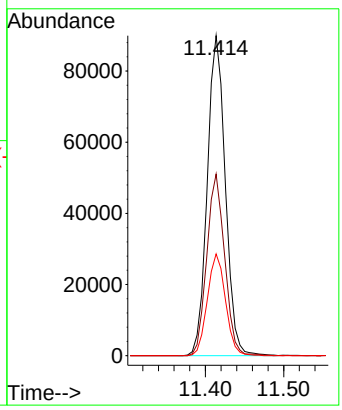


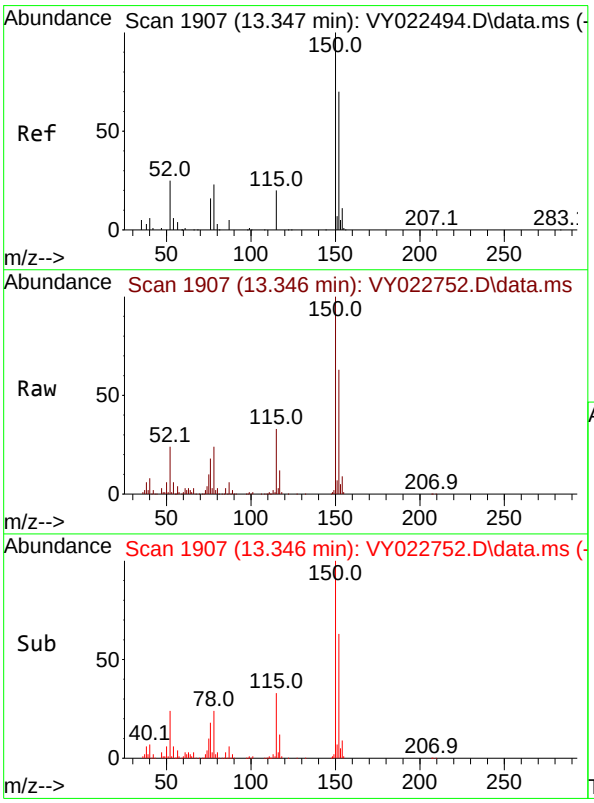
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Tgt Ion:117 Resp: 144046

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	66.8
119	31.8	25.4	38.0

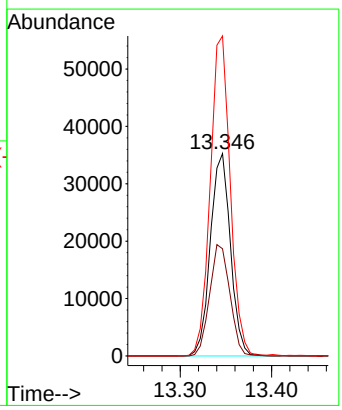




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022752.D
Acq: 19 Jun 2025 13:48

Tgt Ion:152 Resp: 53874

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.9	86.7
150	157.3	0.0	349.6



Sample Results: **VY022752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

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\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022752.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	50	58	60	rBV3	6543	12421	2.20%	0.426%
2	2.470	119	123	127	rBV3	6423	12565	2.23%	0.431%
3	4.616	461	475	486	rBV8	7549	24150	4.28%	0.829%
4	7.634	959	970	976	rBV2	78135	192559	34.11%	6.612%
5	7.707	976	982	993	rVB	119634	280896	49.76%	9.645%
6	8.061	1031	1040	1054	rBV	72857	164971	29.22%	5.664%
7	8.615	1123	1131	1149	rVB	209119	414930	73.50%	14.247%
8	10.103	1368	1375	1382	rBV	326441	564537	100.00%	19.384%
9	10.170	1384	1386	1392	rVB3	4142	6166	1.09%	0.212%
10	11.414	1583	1590	1601	rBV	294811	479111	84.87%	16.451%
11	12.401	1744	1752	1765	rBV2	204706	366396	64.90%	12.581%
12	12.682	1791	1798	1803	rBV4	7183	13402	2.37%	0.460%
13	13.346	1893	1907	1914	rBV	227168	363955	64.47%	12.497%
14	13.450	1919	1924	1932	rVB2	9260	16330	2.89%	0.561%

Sum of corrected areas: 2912389

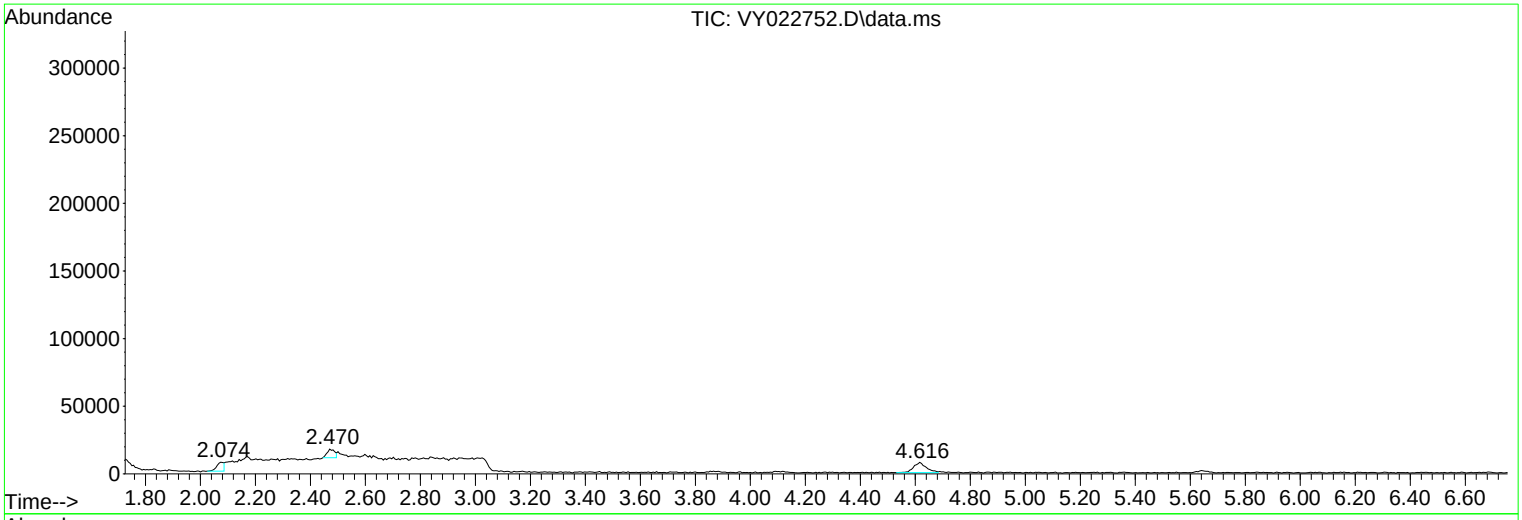
Sample Results: **VY022752.D**

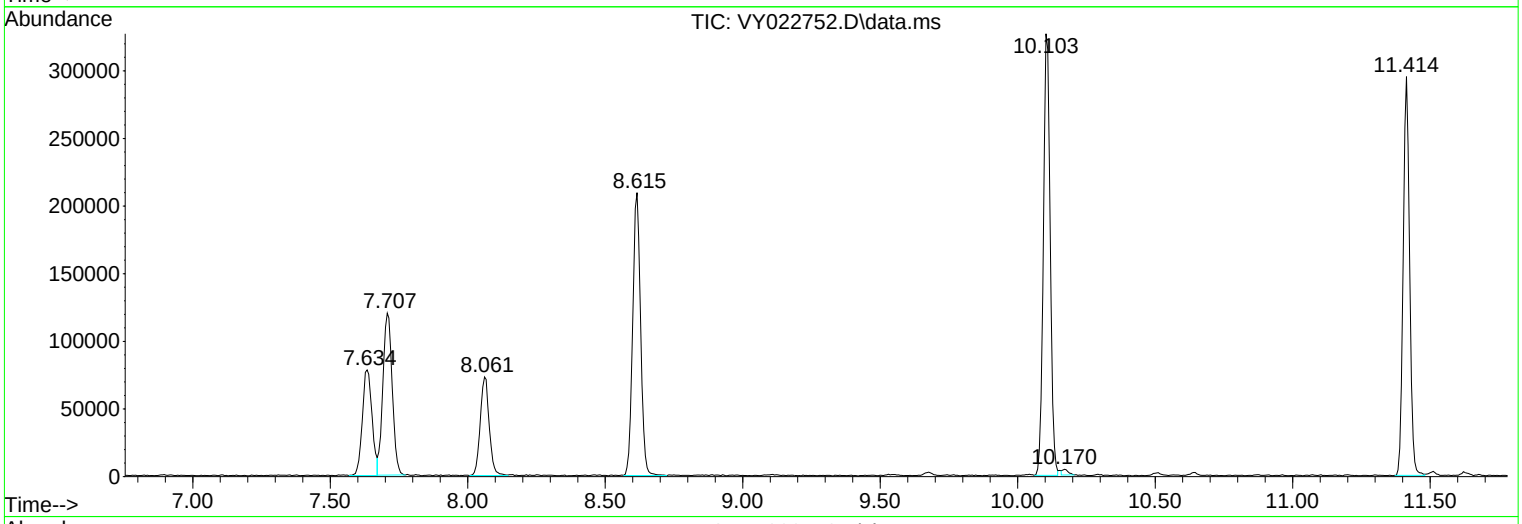
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

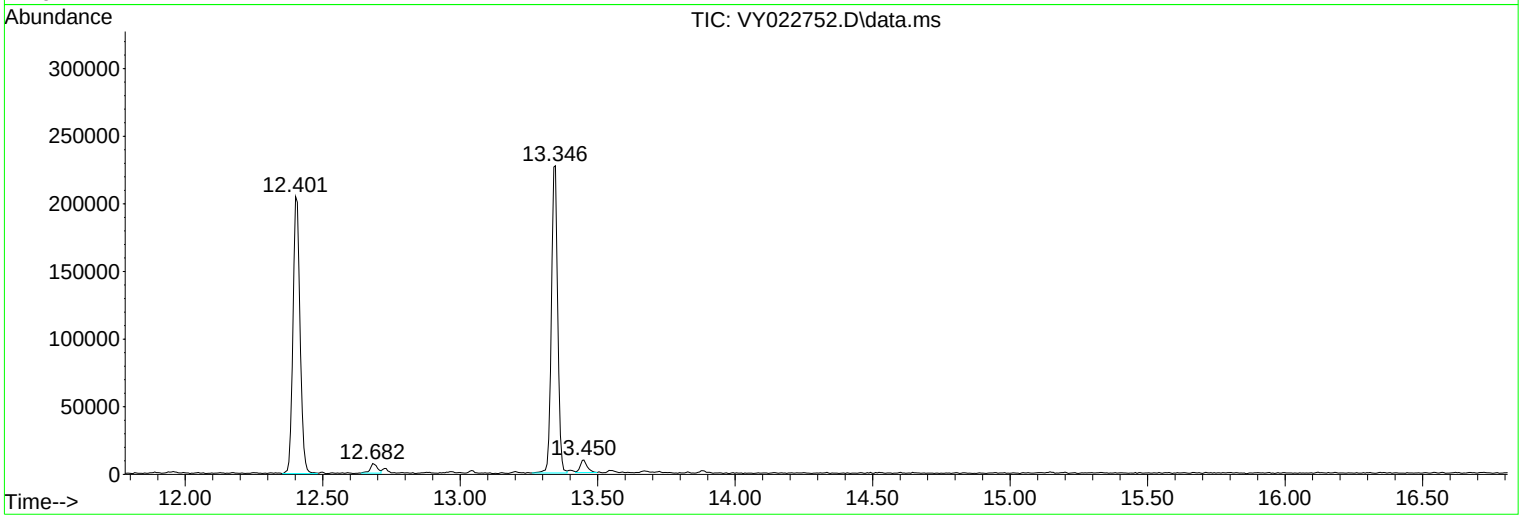
Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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







Sample Results: **VY022752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022752.D
Acq On : 19 Jun 2025 13:48
Operator : SY/MD
Sample : Q2364-02
Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV1B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Time: Jun 20 02:59:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

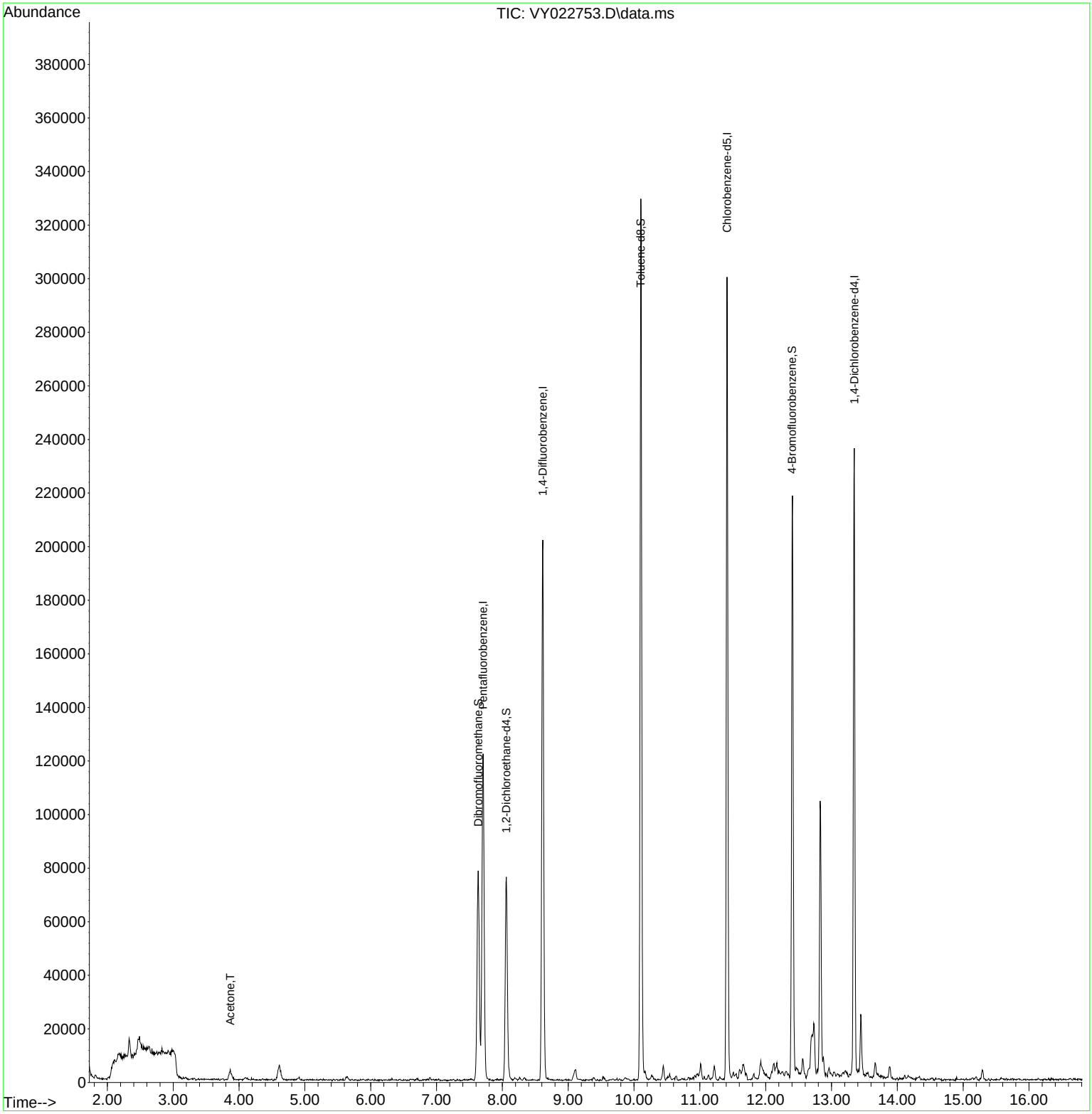
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	88870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	166685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57181	57.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.060%			
35) Dibromofluoromethane	7.634	113	53231	53.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.000%			
50) Toluene-d8	10.103	98	202963	50.487	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.401	95	54005	45.088	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.180%			
Target Compounds						Qvalue
16) Acetone	3.866	43	5802	28.743	ug/l #	61

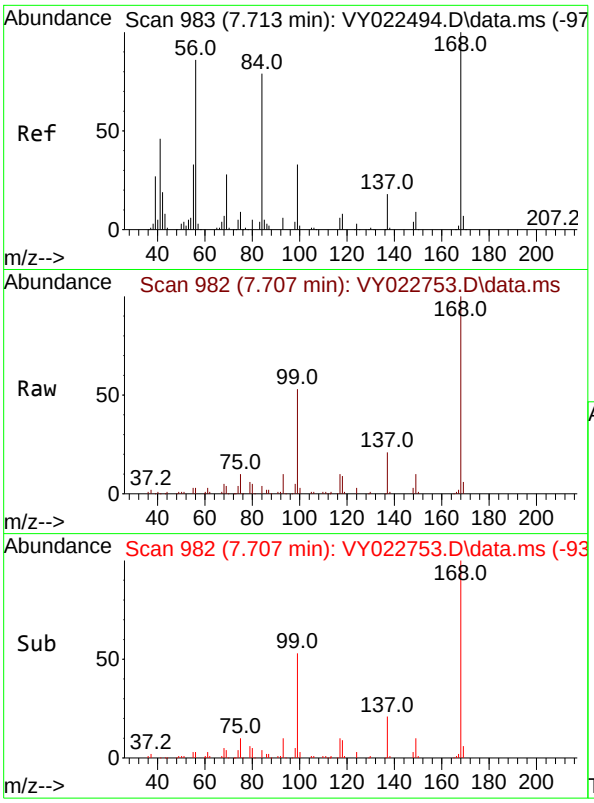
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Time: Jun 20 02:59:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



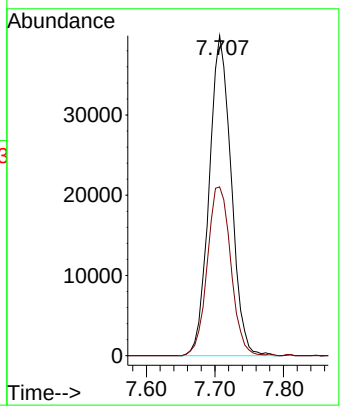


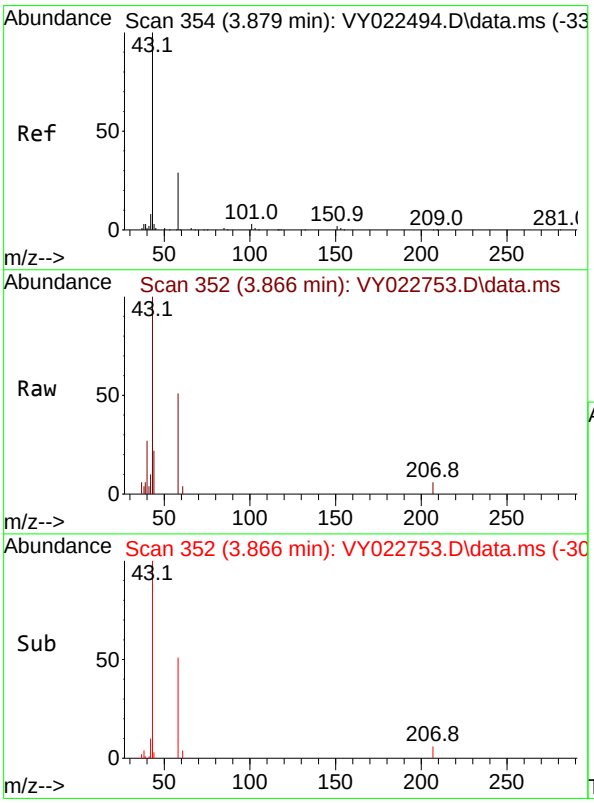
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Tgt Ion:168 Resp: 88870

Ion	Ratio	Lower	Upper
168	100		
99	52.8	44.3	66.5

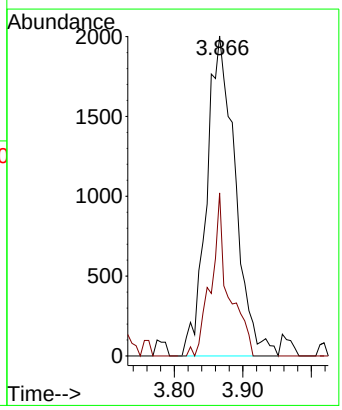


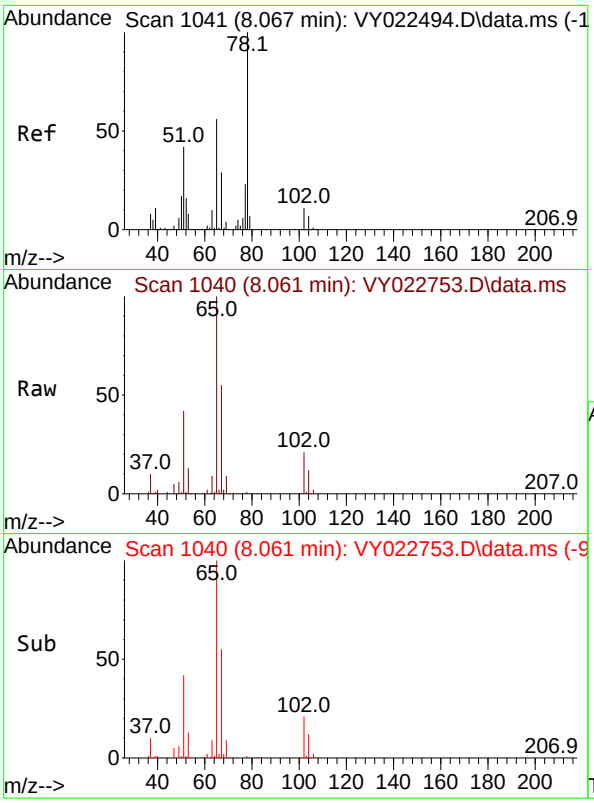


#16
Acetone
Concen: 28.743 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 43 Resp: 5802

Ion	Ratio	Lower	Upper
43	100		
58	50.9	24.0	36.0#



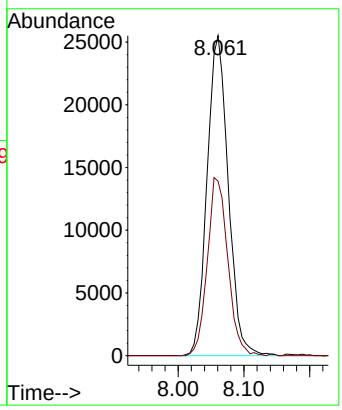


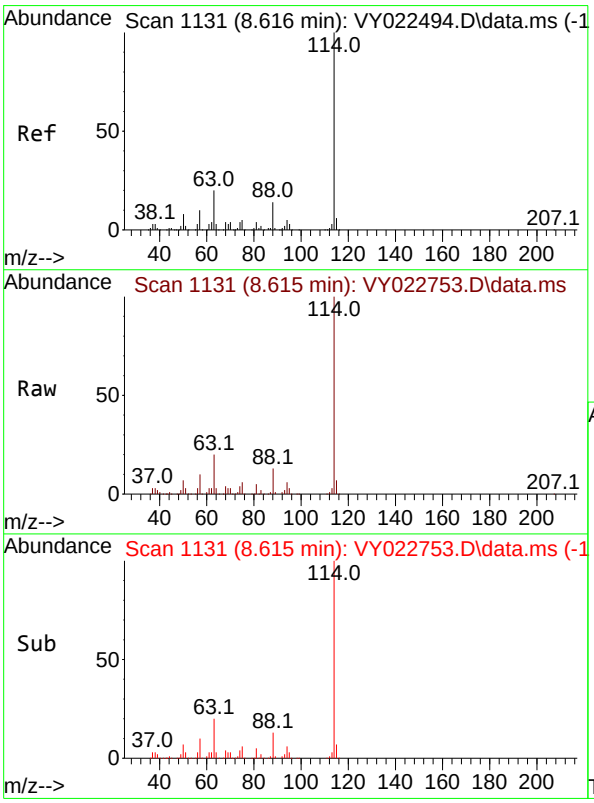
#33
1,2-Dichloroethane-d4
Concen: 57.528 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Tgt Ion: 65 Resp: 57181

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	103.4

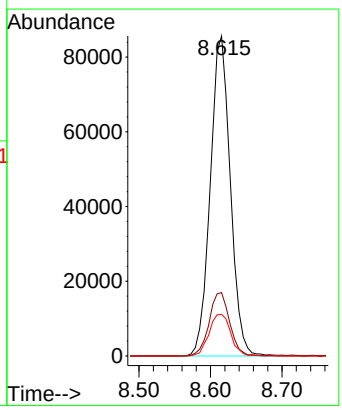




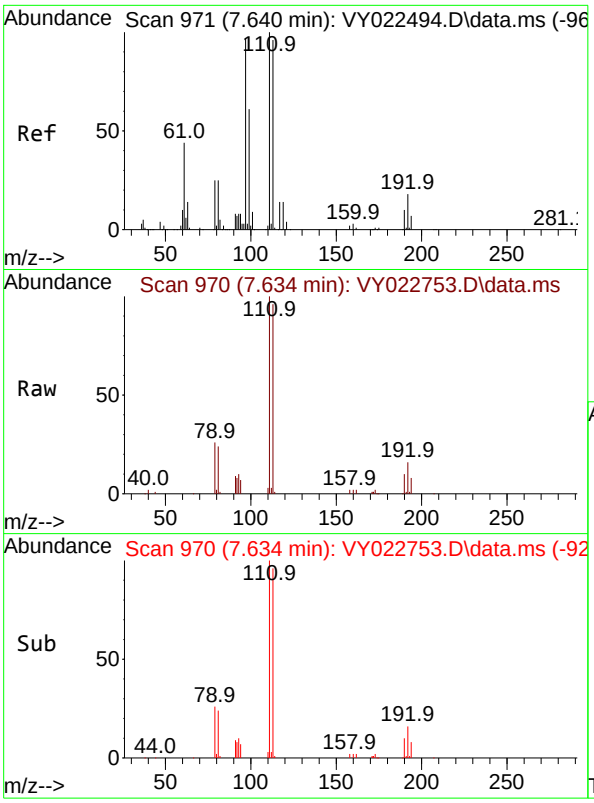
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion:114 Resp: 166685

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	13.0	0.0	27.8



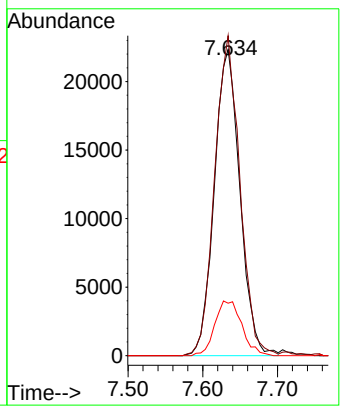
Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

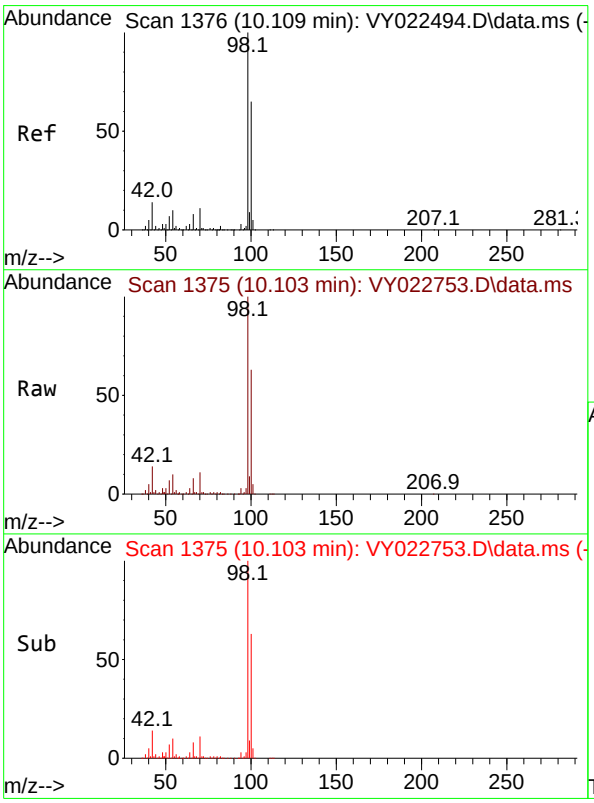


#35
Dibromofluoromethane
Concen: 53.503 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion:113 Resp: 53231

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	18.9	14.2	21.2

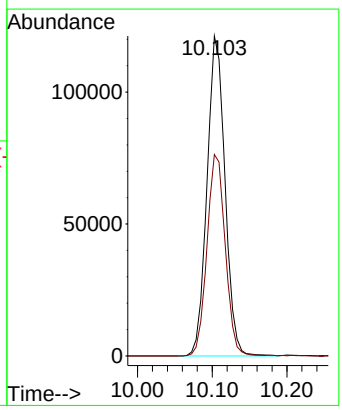


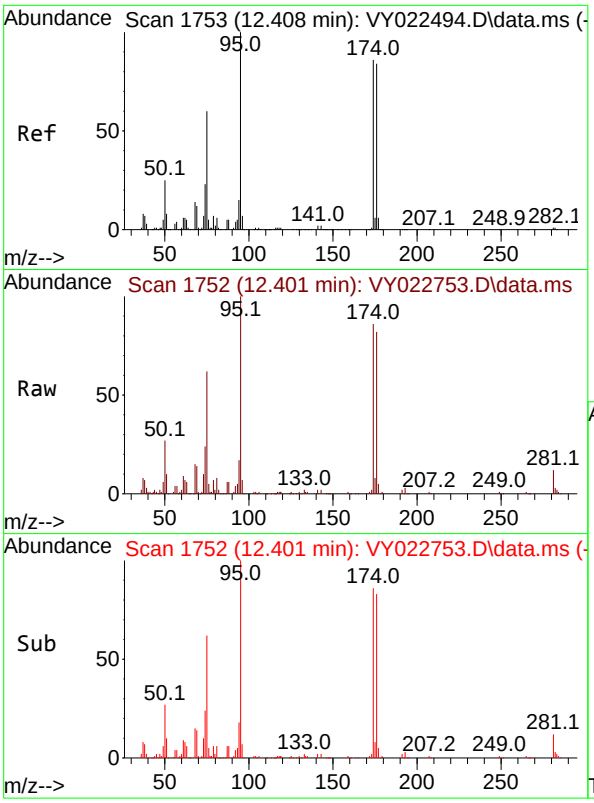


#50
Toluene-d8
Concen: 50.487 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 98 Resp: 202963

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0



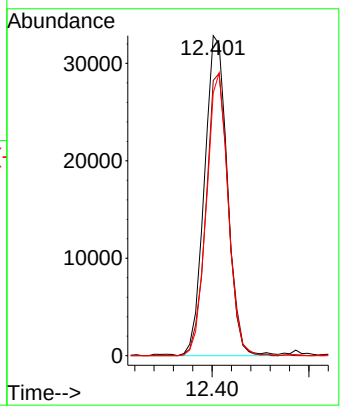


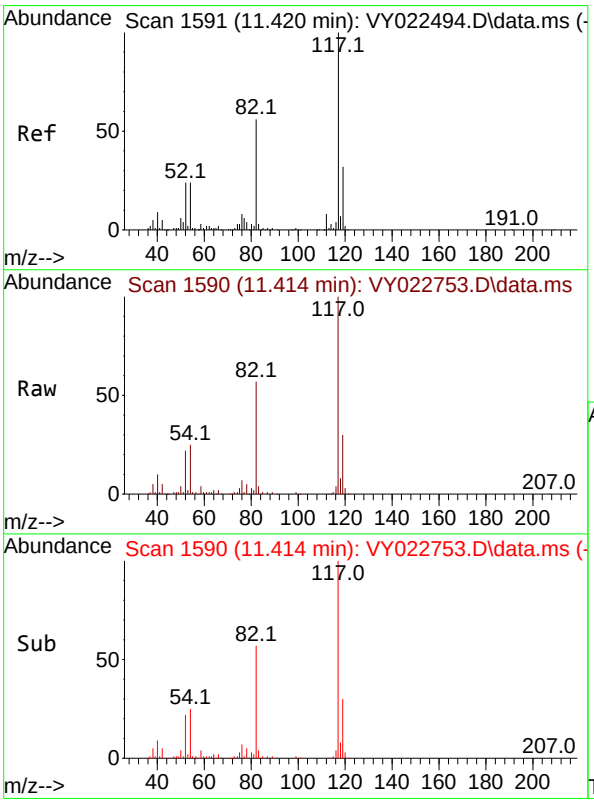
#62
4-Bromofluorobenzene
Concen: 45.088 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Tgt Ion: 95 Resp: 54005

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	170.0
176	83.5	0.0	166.2

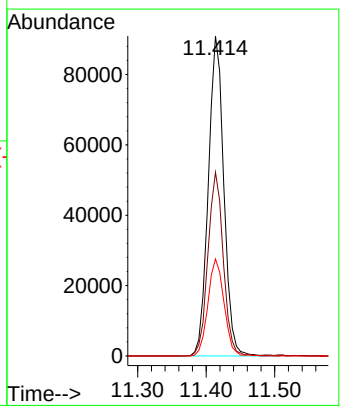


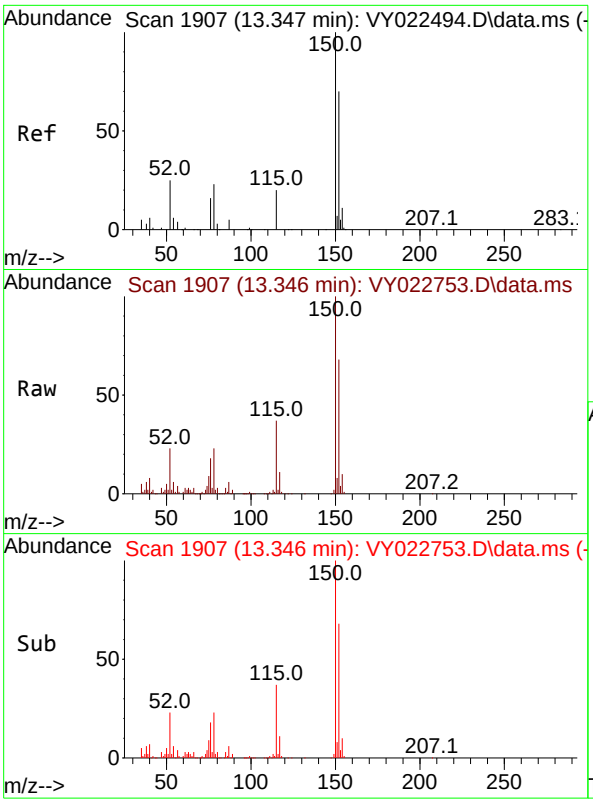


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.007 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Tgt Ion:117 Resp: 143096

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	30.3	25.4	38.0



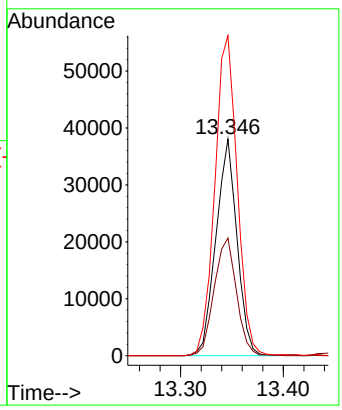


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022753.D
Acq: 19 Jun 2025 14:11

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Tgt Ion:152 Resp: 54203

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.9	86.7
150	156.9	0.0	349.6



Sample Results: **VY022753.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

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\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022753.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.092	51	61	62	rBV6	6266	15163	2.68%	0.458%
2	2.330	96	100	106	rVB2	7226	12570	2.22%	0.380%
3	3.866	344	352	359	rBV3	3818	9643	1.70%	0.291%
4	4.610	466	474	485	rVB3	5468	16398	2.90%	0.496%
5	7.634	960	970	976	rBV	78297	190430	33.65%	5.756%
6	7.707	976	982	992	rVB	121287	278741	49.25%	8.425%
7	8.061	1032	1040	1055	rBV	76101	174309	30.80%	5.268%
8	8.615	1122	1131	1140	rBV	201673	402510	71.12%	12.166%
9	9.115	1202	1213	1218	rBV8	4059	11892	2.10%	0.359%
10	10.103	1367	1375	1383	rBV	329002	565943	100.00%	17.105%
11	10.444	1424	1431	1437	rVB3	5500	9779	1.73%	0.296%
12	11.011	1519	1524	1530	rVB6	5822	10446	1.85%	0.316%
13	11.218	1552	1558	1567	rVB8	5328	10626	1.88%	0.321%
14	11.414	1582	1590	1601	rBV	299684	477359	84.35%	14.428%
15	11.603	1618	1621	1625	rBV6	3156	6118	1.08%	0.185%
16	11.664	1625	1631	1636	rVB8	4214	10367	1.83%	0.313%
17	11.926	1666	1674	1685	rBV9	6821	22014	3.89%	0.665%
18	12.127	1696	1707	1709	rBV5	5852	15147	2.68%	0.458%
19	12.170	1709	1714	1717	rVB6	4221	7756	1.37%	0.234%
20	12.407	1746	1753	1760	rBV2	217276	379842	67.12%	11.480%
21	12.560	1773	1778	1787	rVB7	7335	16644	2.94%	0.503%
22	12.706	1795	1802	1803	rBV5	12637	25468	4.50%	0.770%
23	12.730	1804	1806	1812	rVB5	18758	28184	4.98%	0.852%
24	12.828	1816	1822	1828	rVV2	101880	172340	30.45%	5.209%
25	12.877	1828	1830	1835	rVB5	7113	8927	1.58%	0.270%
26	12.962	1840	1844	1847	rBV6	3418	5730	1.01%	0.173%
27	13.346	1898	1907	1913	rBV	234094	364707	64.44%	11.023%
28	13.444	1919	1923	1930	rVB3	22644	37000	6.54%	1.118%
29	13.663	1955	1959	1966	rBV5	5096	9390	1.66%	0.284%
30	13.883	1991	1995	2000	rVB2	4274	7451	1.32%	0.225%
31	15.291	2221	2226	2230	rBV	3496	5723	1.01%	0.173%

Sum of corrected areas: 3308617

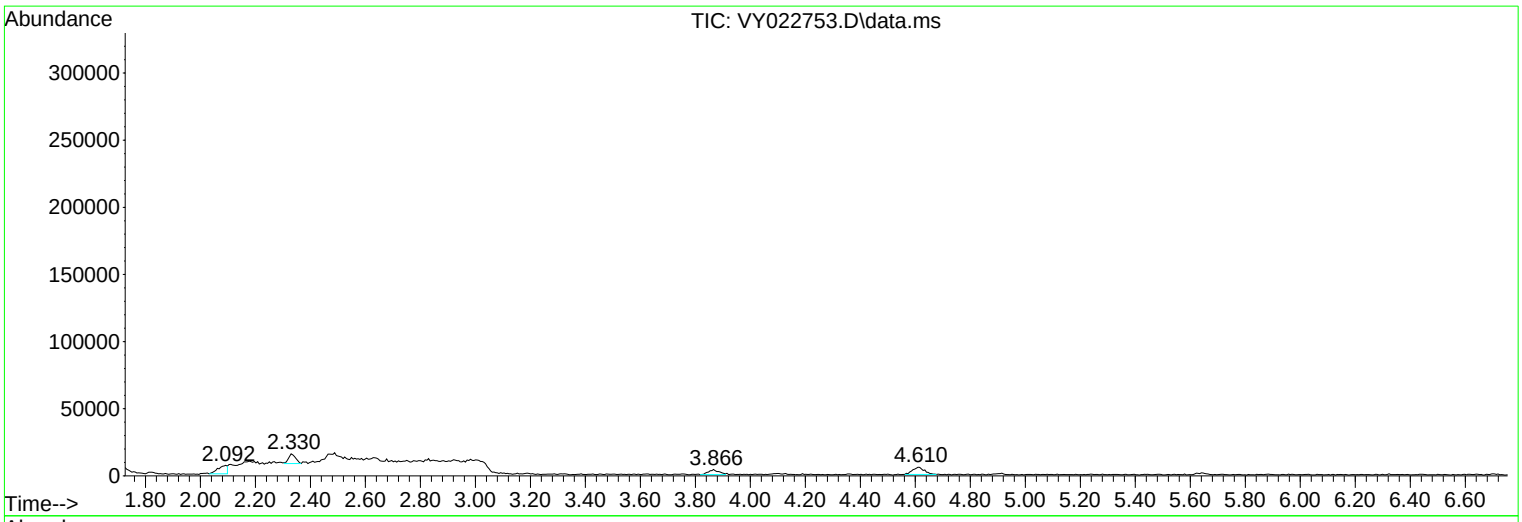
Sample Results: **VY022753.D**

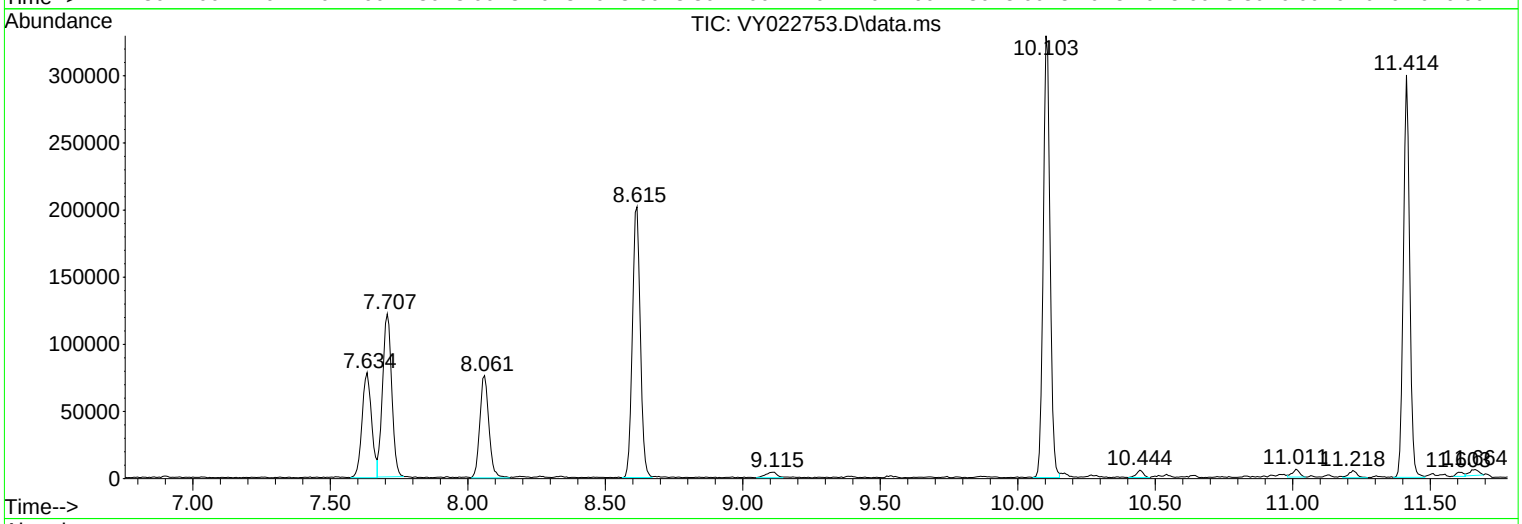
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

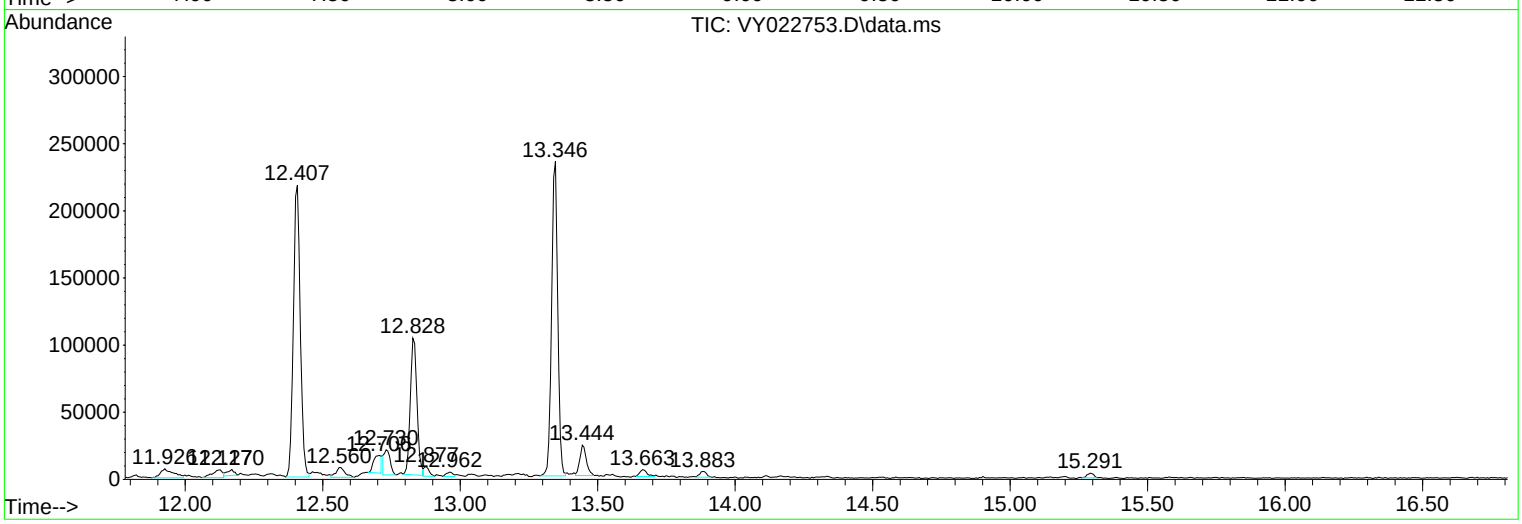
Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

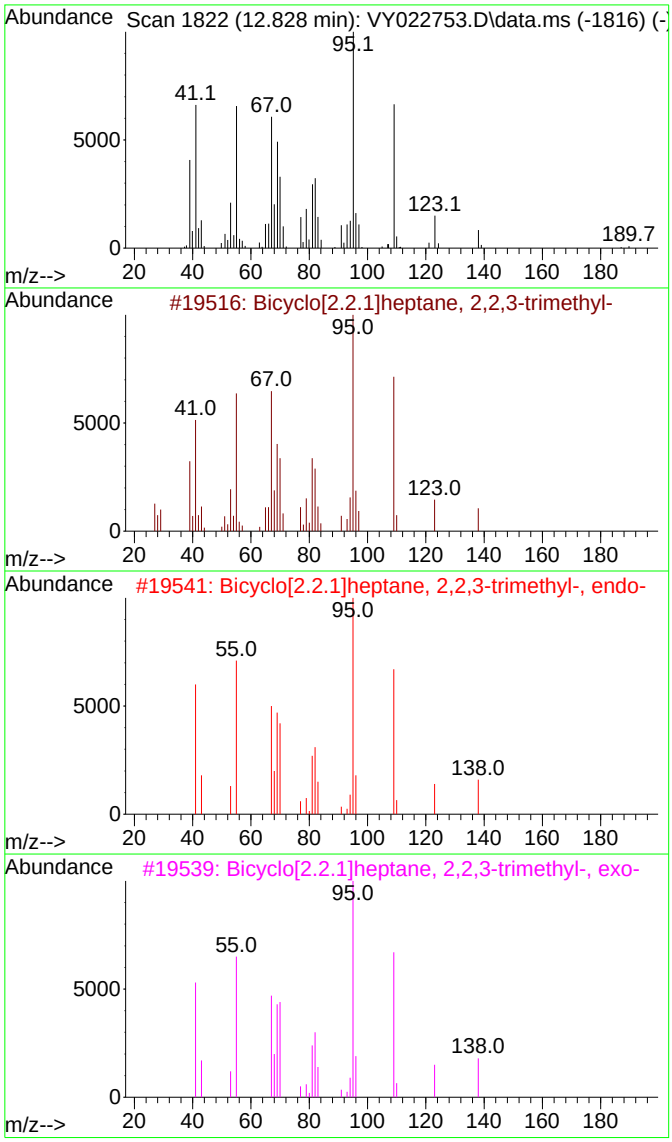
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

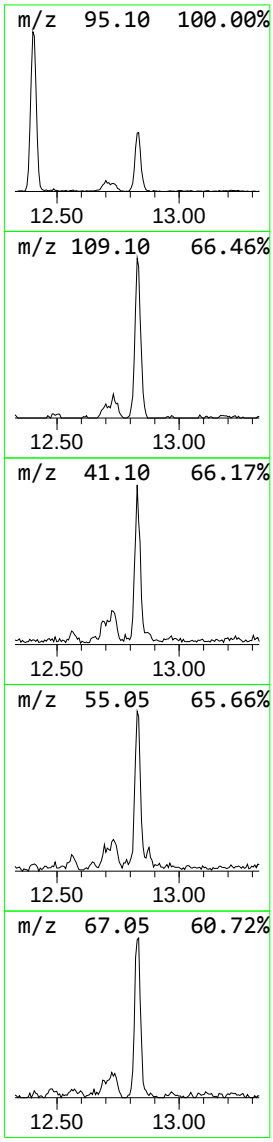
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	23.63 ug/l	172340	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	97
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	94
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	87
4	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	58
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	013828-34-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

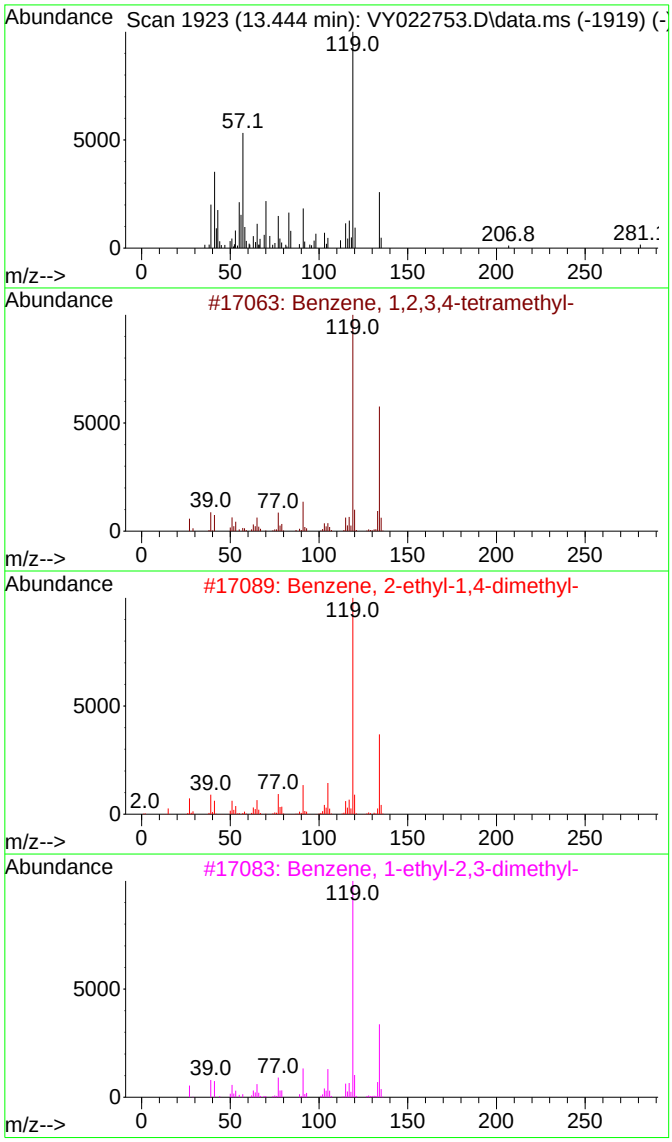
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

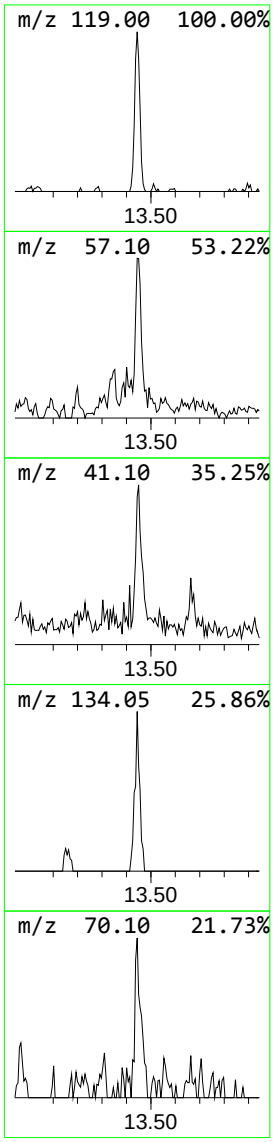
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	5.07 ug/l	37000	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022753.D
Acq On : 19 Jun 2025 14:11
Operator : SY/MD
Sample : Q2364-04
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GAV2B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[2.2.1]h...	12.828	23.6	ug/l	172340	4	13.346	364707	50.0
Benzene, 1,2,3,...	13.444	5.1	ug/l	37000	4	13.346	364707	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Time: Jun 20 03:36:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	102602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	191401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57838	50.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.800%			
35) Dibromofluoromethane	7.634	113	58093	50.850	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.700%			
50) Toluene-d8	10.109	98	233273	50.534	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.402	95	55223	40.151	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.300%			

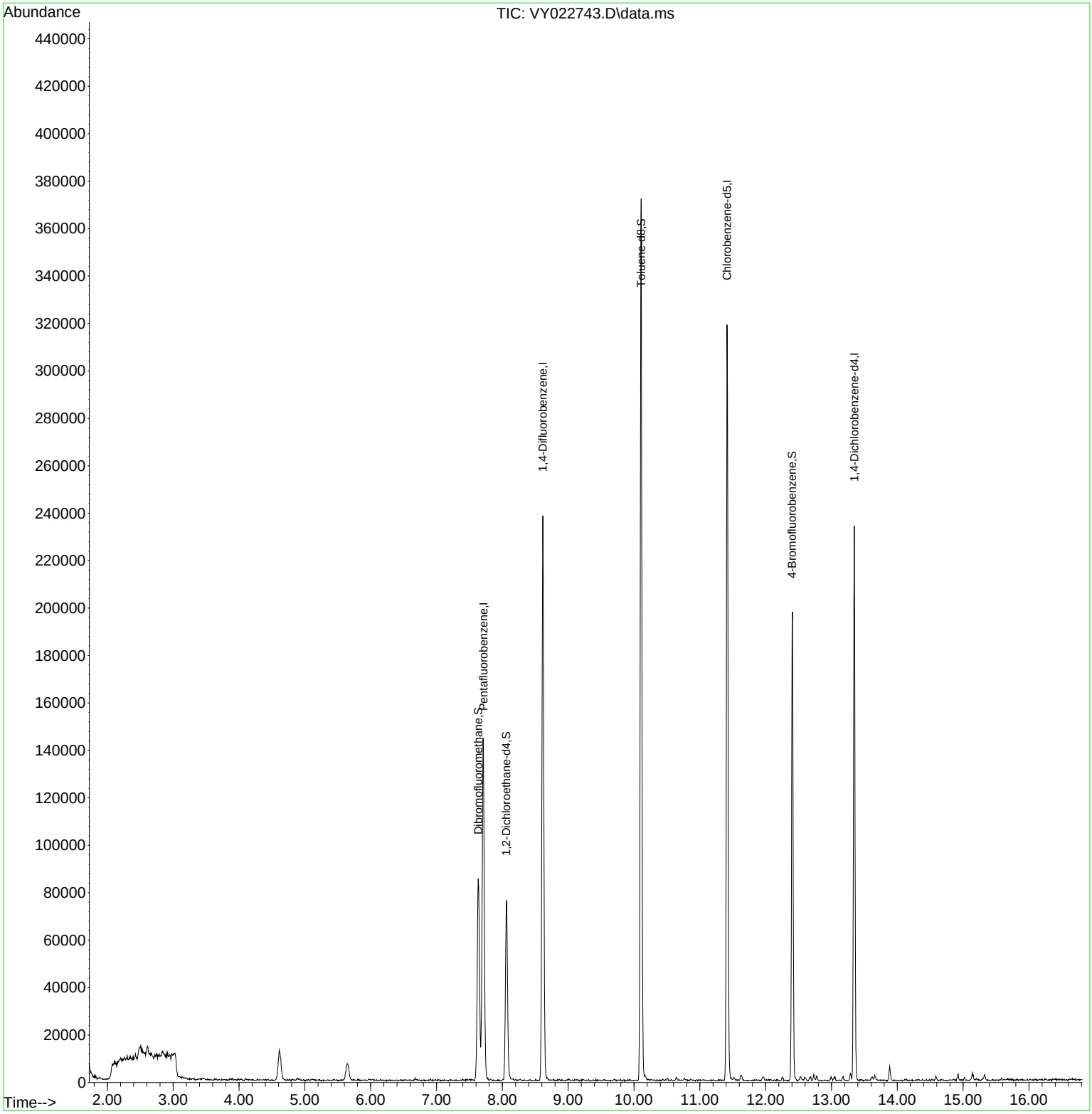
Target Compounds Qvalue

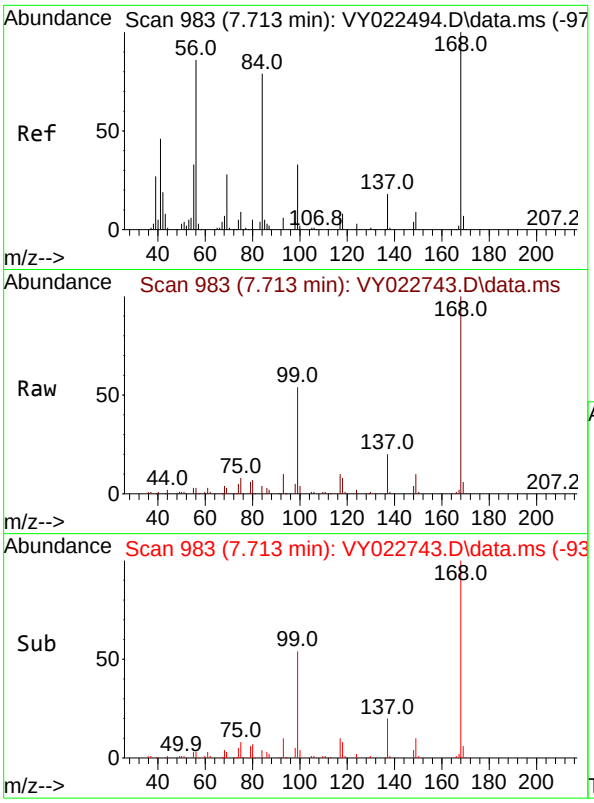
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Time: Jun 20 03:36:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



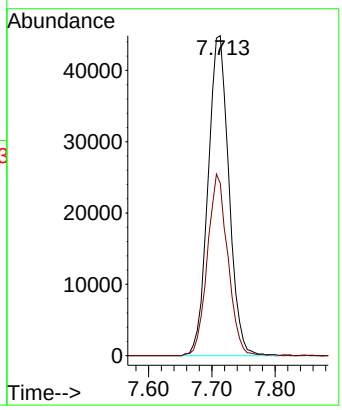


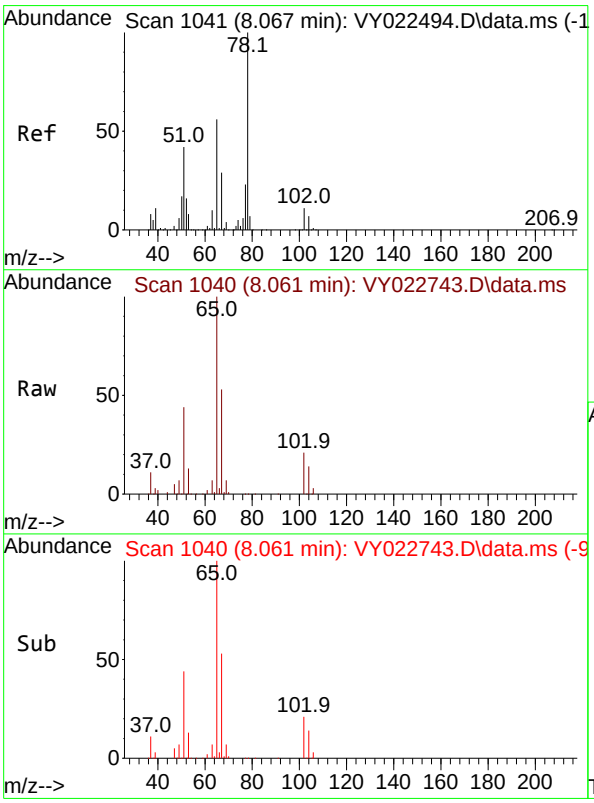
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:168 Resp: 102602

Ion	Ratio	Lower	Upper
168	100		
99	53.9	44.3	66.5

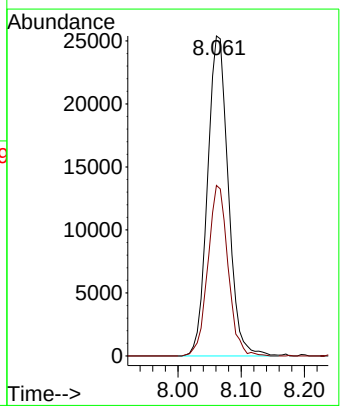


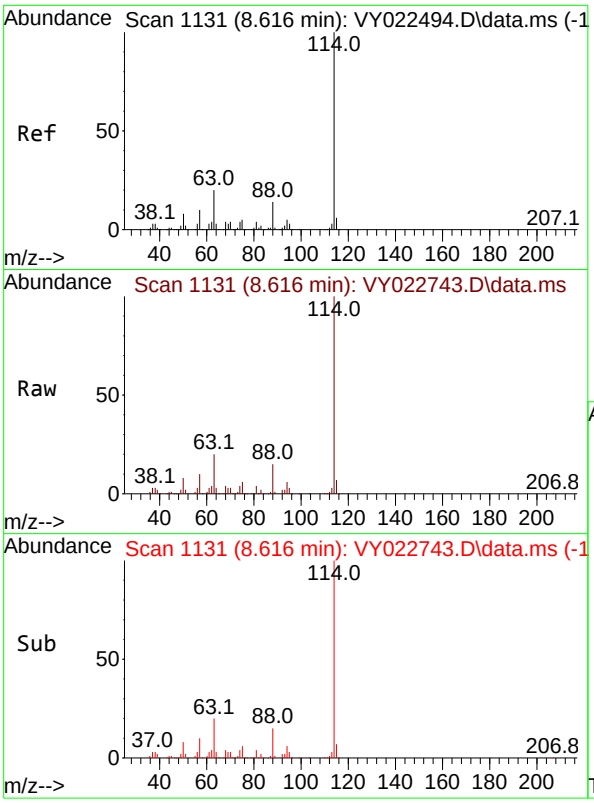


#33
1,2-Dichloroethane-d4
Concen: 50.401 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 65 Resp: 57838

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.4



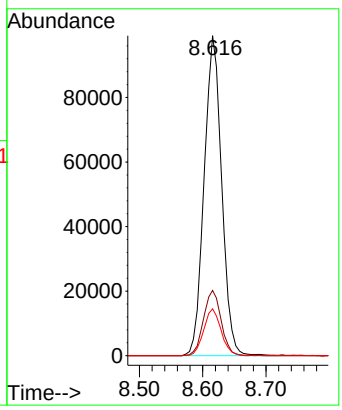


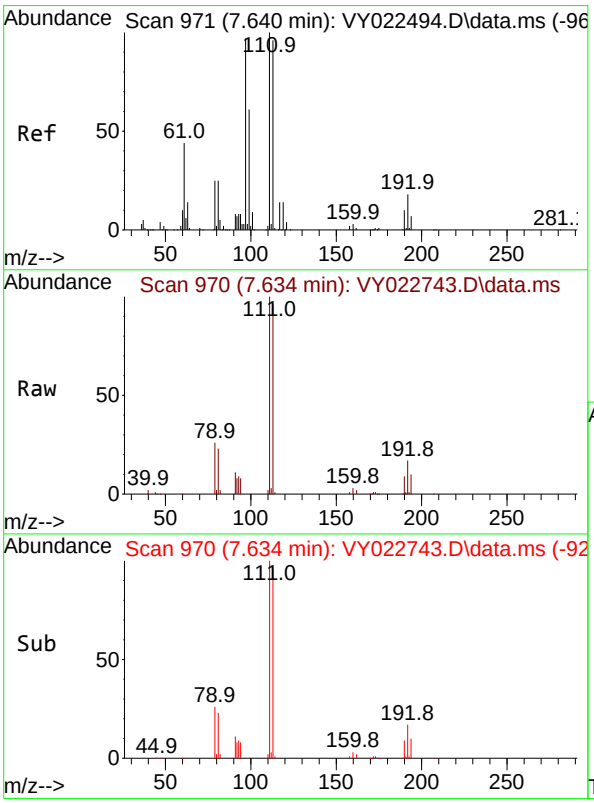
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:114 Resp: 191401

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	14.7	0.0	27.8

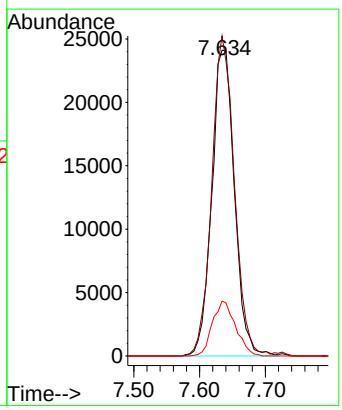


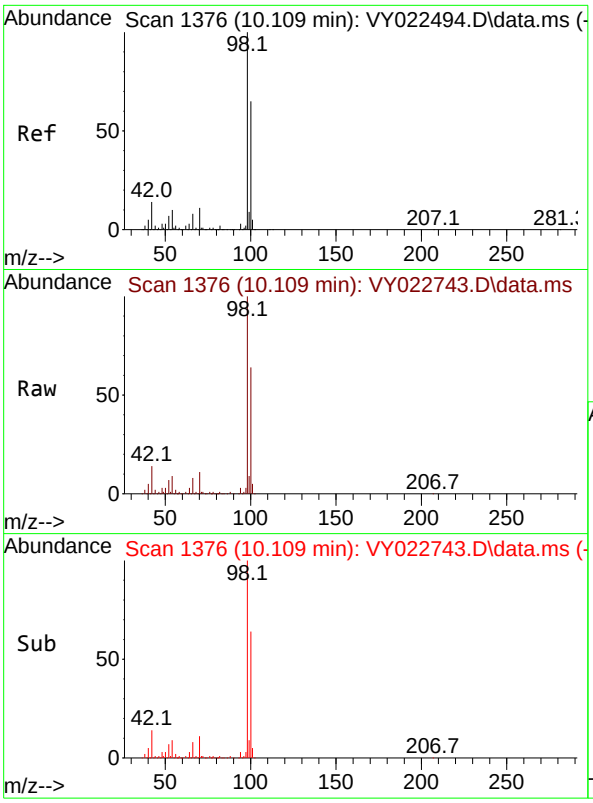


#35
Dibromofluoromethane
Concen: 50.850 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion:113 Resp: 58093

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.1	121.7
192	18.3	14.2	21.2



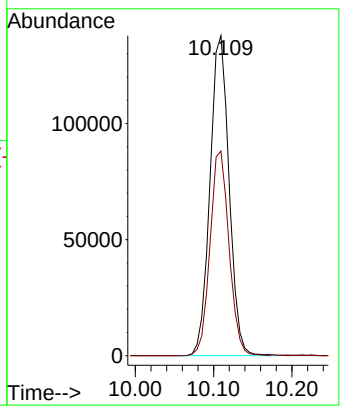


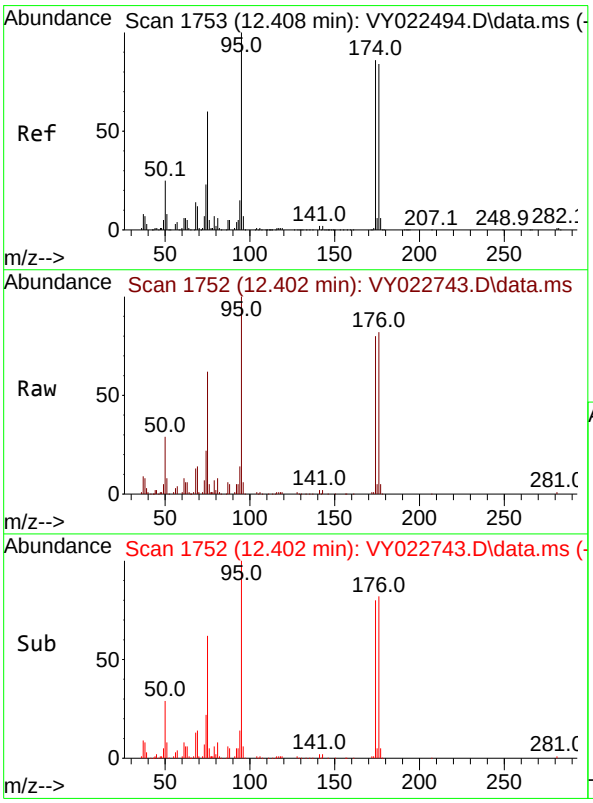
#50
Toluene-d8
Concen: 50.534 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion: 98 Resp: 233273

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0

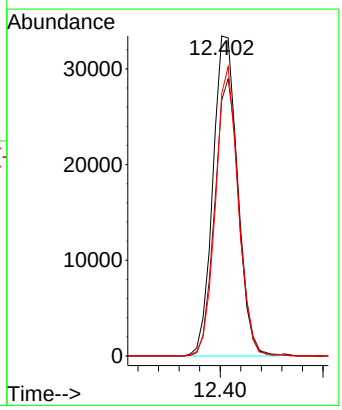


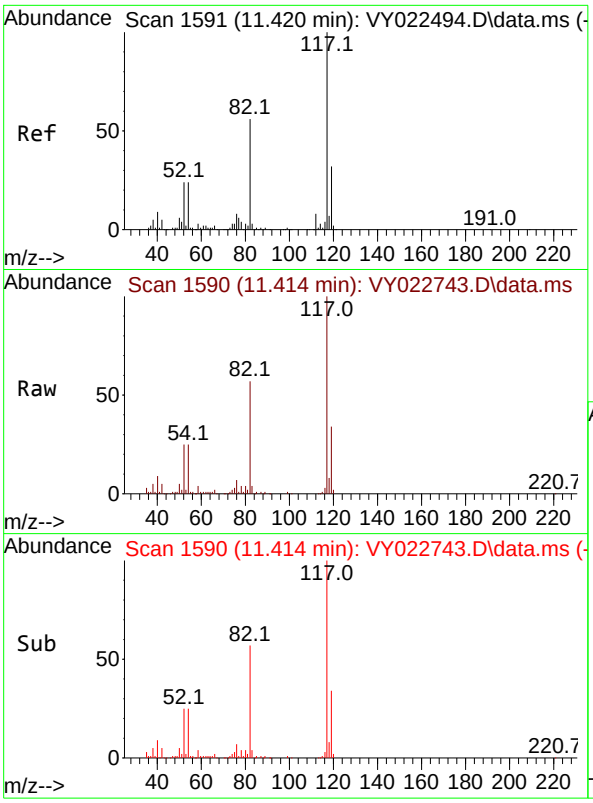


#62
4-Bromofluorobenzene
Concen: 40.151 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 95 Resp: 55223

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	170.0
176	83.8	0.0	166.2



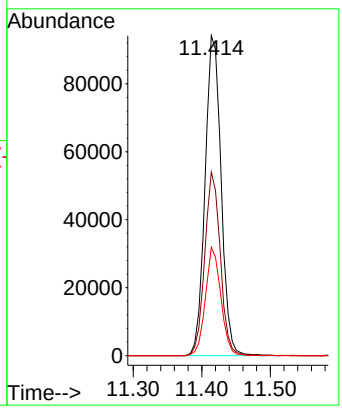


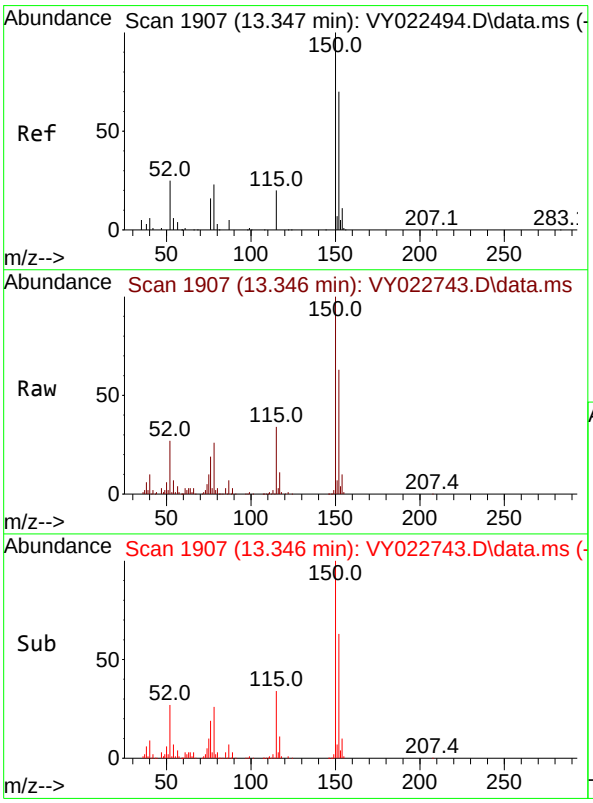
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:117 Resp: 154033

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	33.9	25.4	38.0

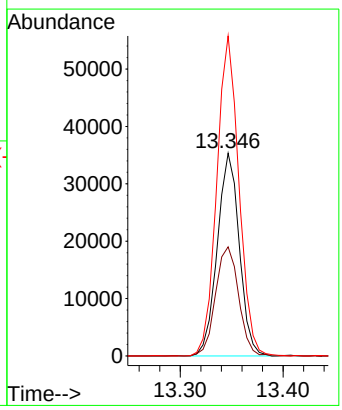




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion:152 Resp: 52432

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.9	86.7
150	158.8	0.0	349.6



Sample Results: **VY022743.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

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\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	50	58	60	rBV4	6216	12101	1.90%	0.391%
2	2.489	120	126	127	rBV6	5137	8770	1.38%	0.283%
3	4.610	462	474	487	rBV5	12948	40743	6.39%	1.317%
4	5.647	634	644	655	rVB4	6916	22424	3.52%	0.725%
5	7.634	959	970	976	rBV2	85122	204399	32.05%	6.607%
6	7.707	976	982	993	rVB	143857	322418	50.56%	10.422%
7	8.061	1033	1040	1052	rBV	75693	169702	26.61%	5.485%
8	8.616	1122	1131	1141	rBV	238101	463693	72.72%	14.989%
9	10.109	1368	1376	1384	rBV	371754	637651	100.00%	20.612%
10	11.414	1583	1590	1599	rBV	318614	516983	81.08%	16.711%
11	12.408	1745	1753	1764	rVB	197823	323850	50.79%	10.468%
12	13.346	1900	1907	1919	rVB	234098	361277	56.66%	11.678%
13	13.883	1990	1995	2001	rBV	6198	9640	1.51%	0.312%

Sum of corrected areas: 3093651

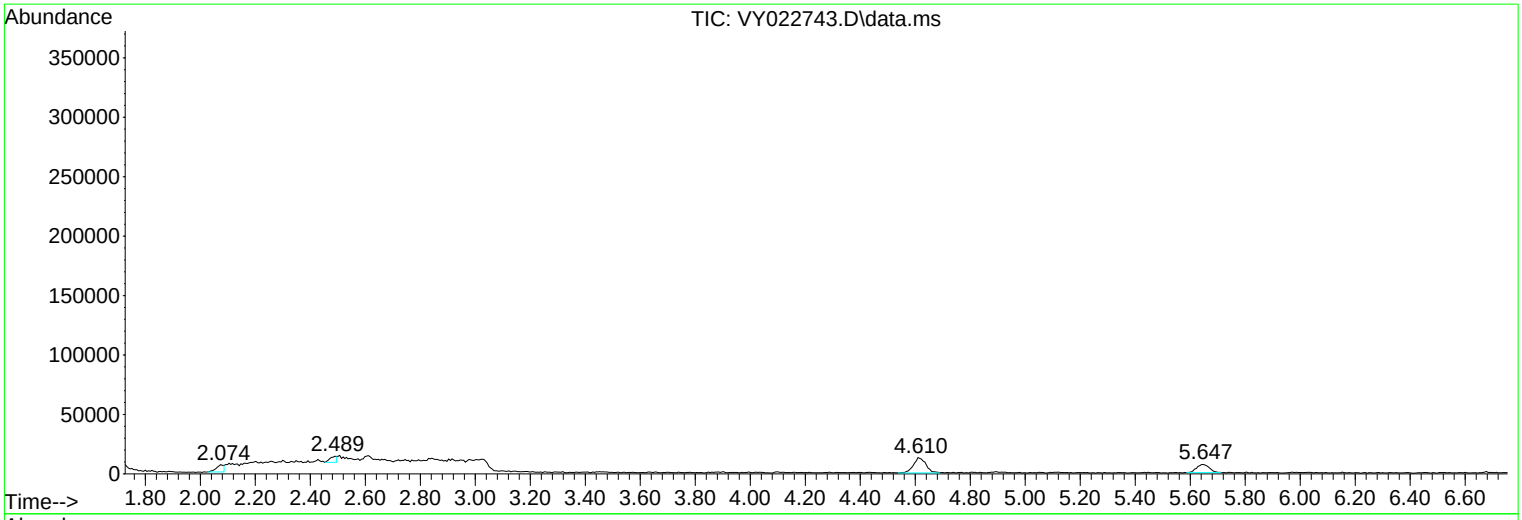
Sample Results: **VY022743.D**

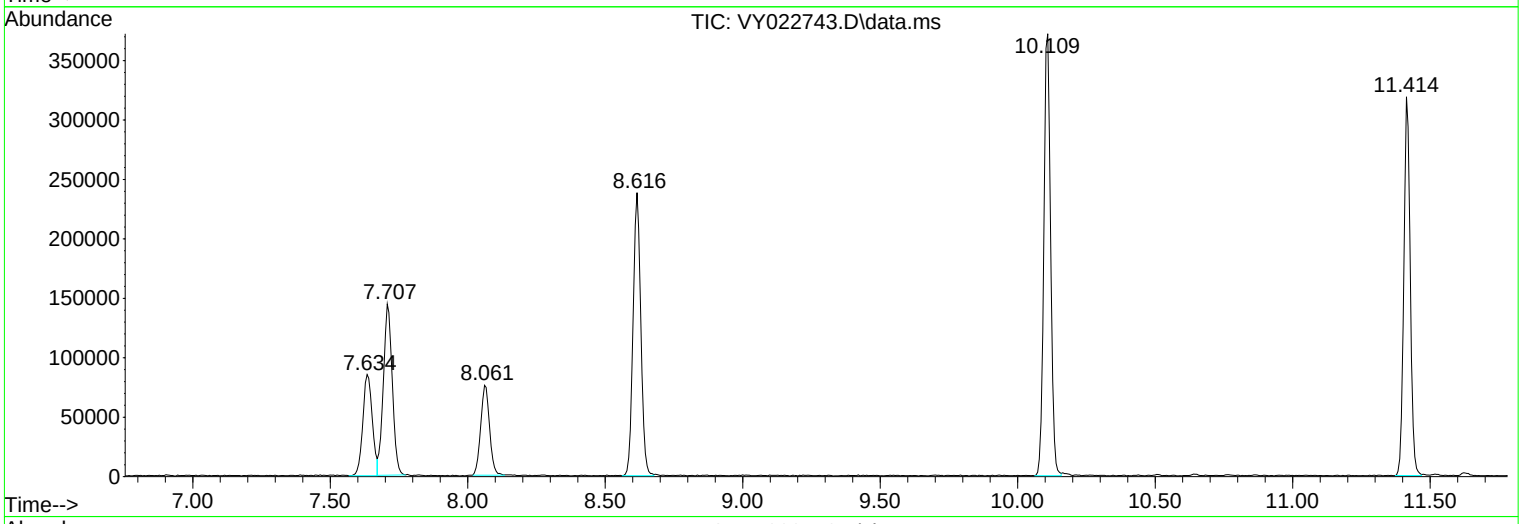
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

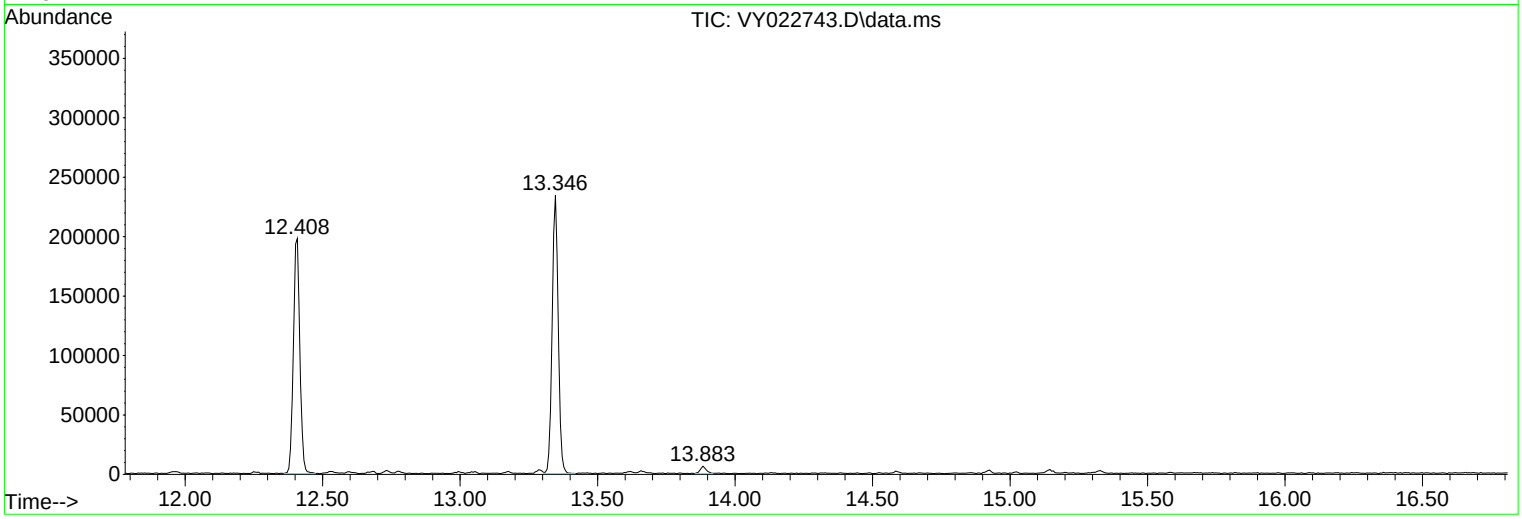
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY022743.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022743.D
Acq On : 19 Jun 2025 09:48
Operator : SY/MD
Sample : VY0619SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	142585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	243559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	203825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	92139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81729	51.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.500%			
35) Dibromofluoromethane	7.634	113	77017	52.978	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.960%			
50) Toluene-d8	10.109	98	301805	51.379	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.408	95	83870	47.921	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	26125	20.465	ug/l	100
3) Chloromethane	2.068	50	63040	16.716	ug/l	100
4) Vinyl Chloride	2.208	62	86717	19.821	ug/l	97
5) Bromomethane	2.592	94	84774	20.217	ug/l	99
6) Chloroethane	2.733	64	63781	21.240	ug/l	93
7) Trichlorofluoromethane	3.050	101	80267	21.612	ug/l	98
8) Diethyl Ether	3.458	74	17536	20.966	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	33924	21.687	ug/l	98
10) Methyl Iodide	4.007	142	32362	19.117	ug/l	98
11) Tert butyl alcohol	4.866	59	10545	92.580	ug/l	96
12) 1,1-Dichloroethene	3.787	96	31585	21.124	ug/l	96
13) Acrolein	3.653	56	7982	56.231	ug/l	97
14) Allyl chloride	4.379	41	47569	20.265	ug/l	99
15) Acrylonitrile	5.061	53	35424	100.001	ug/l	98
16) Acetone	3.879	43	44832	138.427	ug/l	98
17) Carbon Disulfide	4.104	76	94900	19.824	ug/l	100
18) Methyl Acetate	4.379	43	16705	17.418	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	82167	19.510	ug/l	97
20) Methylene Chloride	4.616	84	37910	20.607	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	35265	21.073	ug/l	98
22) Diisopropyl ether	6.025	45	109315	20.922	ug/l	99
23) Vinyl Acetate	5.964	43	299235	96.762	ug/l	100
24) 1,1-Dichloroethane	5.921	63	67905	22.061	ug/l	100
25) 2-Butanone	6.896	43	54465	116.587	ug/l	100
26) 2,2-Dichloropropane	6.884	77	59073	21.721	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	41038	21.216	ug/l	95
28) Bromochloromethane	7.244	49	29171	21.741	ug/l	98
29) Tetrahydrofuran	7.262	42	26781	88.884	ug/l	97
30) Chloroform	7.421	83	68158	22.356	ug/l	93
31) Cyclohexane	7.707	56	59110	19.289	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	59403	21.949	ug/l	99
36) 1,1-Dichloropropene	7.835	75	50191	21.272	ug/l	98
37) Ethyl Acetate	6.988	43	20815	19.782	ug/l	97
38) Carbon Tetrachloride	7.823	117	50646	20.924	ug/l	98
39) Methylcyclohexane	9.109	83	61074	19.262	ug/l	98
40) Benzene	8.085	78	149138	21.401	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	9524	15.496	ug/l	#	83
42) 1,2-Dichloroethane	8.158	62	39323	20.666	ug/l		99
43) Isopropyl Acetate	8.201	43	42050	18.504	ug/l		99
44) Trichloroethene	8.866	130	36919	21.676	ug/l		96
45) 1,2-Dichloropropane	9.140	63	36490	22.156	ug/l		94
46) Dibromomethane	9.231	93	19341	20.874	ug/l		98
47) Bromodichloromethane	9.427	83	51094	21.747	ug/l		99
48) Methyl methacrylate	9.219	41	17850	16.737	ug/l		94
49) 1,4-Dioxane	9.238	88	4378	398.833	ug/l		97
51) 4-Methyl-2-Pentanone	10.000	43	103086	90.987	ug/l		98
52) Toluene	10.170	92	92504	21.122	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	42958	19.515	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	53391	20.836	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	25058	21.209	ug/l		94
56) Ethyl methacrylate	10.439	69	31765	18.602	ug/l		99
57) 1,3-Dichloropropane	10.719	76	43297	20.676	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.713	63	78333	101.035	ug/l		100
59) 2-Hexanone	10.762	43	74693	98.575	ug/l		97
60) Dibromochloromethane	10.914	129	31411	20.920	ug/l		94
61) 1,2-Dibromoethane	11.012	107	21829	20.271	ug/l		95
64) Tetrachloroethene	10.646	164	38972	22.227	ug/l		96
65) Chlorobenzene	11.444	112	94016	20.844	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	32282	21.246	ug/l		99
67) Ethyl Benzene	11.518	91	172504	20.620	ug/l		99
68) m/p-Xylenes	11.627	106	128433	40.497	ug/l		99
69) o-Xylene	11.957	106	60376	20.305	ug/l		98
70) Styrene	11.969	104	99066	20.156	ug/l		98
71) Bromoform	12.133	173	15438	19.093	ug/l	#	98
73) Isopropylbenzene	12.255	105	156699	20.715	ug/l		98
74) N-amyl acetate	12.072	43	34200	17.918	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	25611	20.628	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	19200m	18.215	ug/l		
77) Bromobenzene	12.536	156	33522	21.000	ug/l		99
78) n-propylbenzene	12.597	91	193141	20.904	ug/l		100
79) 2-Chlorotoluene	12.682	91	102546	20.941	ug/l		96
80) 1,3,5-Trimethylbenzene	12.737	105	124242	20.920	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	8380	19.198	ug/l		95
82) 4-Chlorotoluene	12.780	91	103617	20.512	ug/l		99
83) tert-Butylbenzene	12.999	119	110702	20.769	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	122046	20.547	ug/l		98
85) sec-Butylbenzene	13.176	105	170732	20.914	ug/l		99
86) p-Isopropyltoluene	13.292	119	135968	20.206	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	67629	20.910	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	66707	21.265	ug/l		99
89) n-Butylbenzene	13.615	91	131483	20.595	ug/l		100
90) Hexachloroethane	13.877	117	27782	21.207	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	56747	20.665	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3553	19.656	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	30569	20.411	ug/l		96
94) Hexachlorobutadiene	15.023	225	17103	20.691	ug/l		95
95) Naphthalene	15.145	128	51859	18.044	ug/l		98
96) 1,2,3-Trichlorobenzene	15.328	180	25018	19.492	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

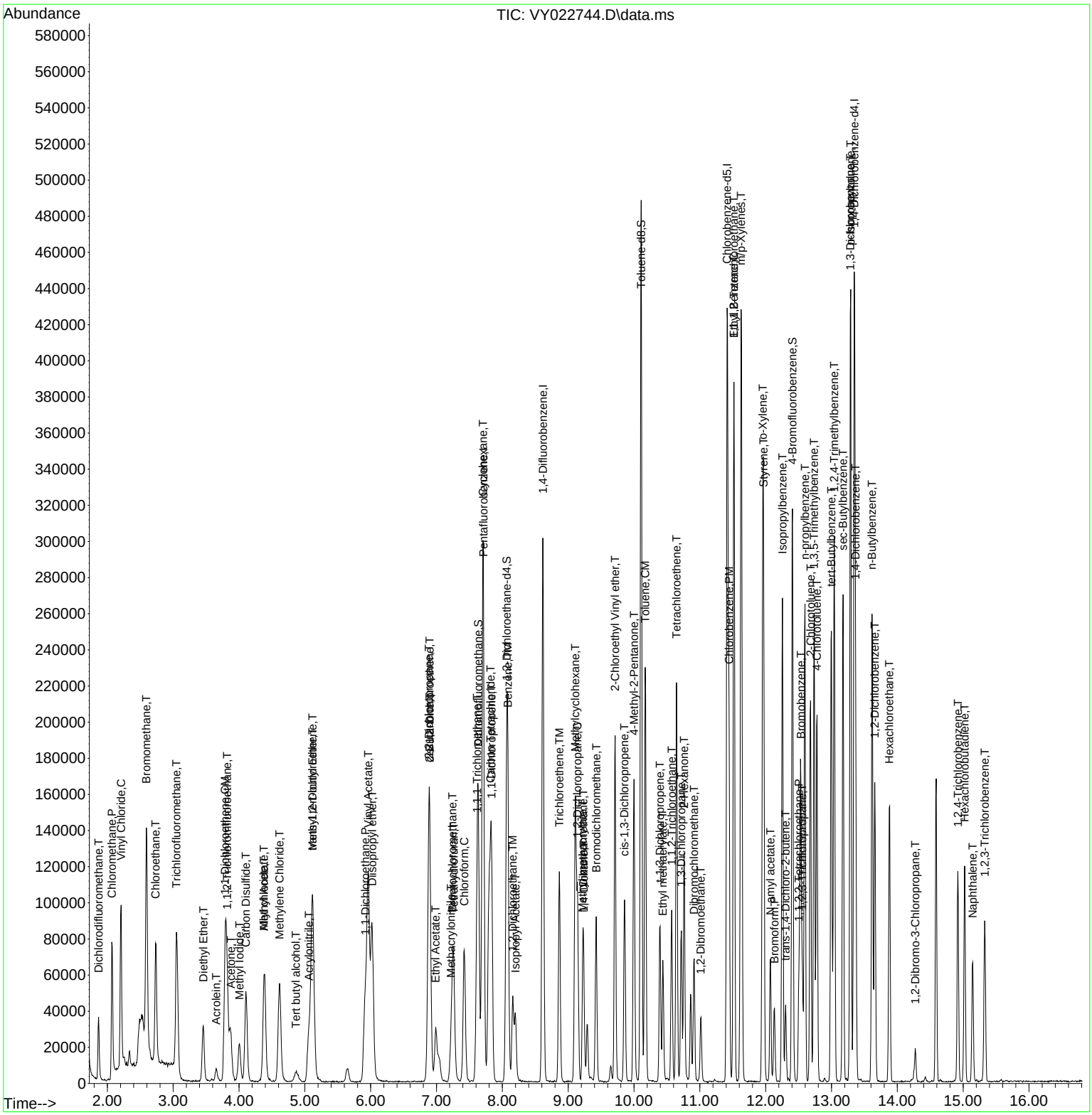
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022744.D
Acq On : 19 Jun 2025 10:26
Operator : SY/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 02:54:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	135425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	230490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	196060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	90185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83987	55.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.900%			
35) Dibromofluoromethane	7.640	113	73993	53.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.560%			
50) Toluene-d8	10.103	98	297322	53.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.401	95	85284	51.492	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	26096	21.523	ug/l	95
3) Chloromethane	2.068	50	65019	18.152	ug/l	98
4) Vinyl Chloride	2.202	62	88253	21.239	ug/l	98
5) Bromomethane	2.592	94	83337	20.925	ug/l	91
6) Chloroethane	2.732	64	65358	22.916	ug/l	96
7) Trichlorofluoromethane	3.050	101	83499	23.670	ug/l	99
8) Diethyl Ether	3.452	74	17678	22.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	34081	22.939	ug/l	99
10) Methyl Iodide	4.001	142	32515	20.223	ug/l	97
11) Tert butyl alcohol	4.860	59	12104	111.886	ug/l	96
12) 1,1-Dichloroethene	3.787	96	30544	21.508	ug/l	98
13) Acrolein	3.653	56	8808	65.331	ug/l	98
14) Allyl chloride	4.379	41	47032	21.096	ug/l	98
15) Acrylonitrile	5.061	53	38910	115.649	ug/l	98
16) Acetone	3.866	43	47919	155.781	ug/l	98
17) Carbon Disulfide	4.104	76	92467	20.337	ug/l	96
18) Methyl Acetate	4.391	43	19939	21.889	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	87026	21.756	ug/l	96
20) Methylene Chloride	4.610	84	38557	22.067	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	35720	22.473	ug/l	91
22) Diisopropyl ether	6.018	45	109899	22.146	ug/l	98
23) Vinyl Acetate	5.964	43	320488	109.114	ug/l	98
24) 1,1-Dichloroethane	5.915	63	69556	23.792	ug/l	98
25) 2-Butanone	6.890	43	59102	133.202	ug/l	100
26) 2,2-Dichloropropane	6.878	77	57336	22.197	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	40864	22.243	ug/l	96
28) Bromochloromethane	7.244	49	28957	22.722	ug/l	96
29) Tetrahydrofuran	7.268	42	31900	111.471	ug/l	99
30) Chloroform	7.421	83	66956	23.123	ug/l	95
31) Cyclohexane	7.701	56	59613	20.482	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	57994	22.561	ug/l	97
36) 1,1-Dichloropropene	7.835	75	48032	21.512	ug/l	99
37) Ethyl Acetate	6.982	43	24241	24.345	ug/l #	78
38) Carbon Tetrachloride	7.817	117	49727	21.709	ug/l	94
39) Methylcyclohexane	9.109	83	59995	19.994	ug/l	99
40) Benzene	8.079	78	148616	22.535	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	11179	19.221	ug/l	#	67
42) 1,2-Dichloroethane	8.158	62	41080	22.813	ug/l		100
43) Isopropyl Acetate	8.201	43	46062	21.419	ug/l	#	86
44) Trichloroethene	8.866	130	36262	22.498	ug/l		91
45) 1,2-Dichloropropane	9.140	63	36412	23.362	ug/l		99
46) Dibromomethane	9.231	93	19946	22.747	ug/l		97
47) Bromodichloromethane	9.420	83	50934	22.909	ug/l		98
48) Methyl methacrylate	9.219	41	20272	20.085	ug/l		90
49) 1,4-Dioxane	9.231	88	4577	440.604	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	120225	112.131	ug/l		98
52) Toluene	10.170	92	90080	21.735	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	45852	22.010	ug/l		93
54) cis-1,3-Dichloropropene	9.853	75	54401	22.433	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	26082	23.327	ug/l		97
56) Ethyl methacrylate	10.438	69	33531	20.749	ug/l		96
57) 1,3-Dichloropropane	10.713	76	45759	23.091	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	85409	116.408	ug/l		100
59) 2-Hexanone	10.762	43	85093	118.668	ug/l		99
60) Dibromochloromethane	10.914	129	31860	22.422	ug/l		100
61) 1,2-Dibromoethane	11.011	107	22860	22.432	ug/l		99
64) Tetrachloroethene	10.646	164	43094	25.552	ug/l		97
65) Chlorobenzene	11.438	112	96594	22.264	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	31846	21.789	ug/l		98
67) Ethyl Benzene	11.517	91	169161	21.021	ug/l		99
68) m/p-Xylenes	11.627	106	127883	41.921	ug/l		99
69) o-Xylene	11.950	106	59766	20.896	ug/l		99
70) Styrene	11.969	104	100236	21.202	ug/l		98
71) Bromoform	12.127	173	17537	22.548	ug/l	#	97
73) Isopropylbenzene	12.255	105	156255	21.104	ug/l		99
74) N-amyl acetate	12.066	43	39501	21.144	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	26508	21.813	ug/l		98
76) 1,2,3-Trichloropropane	12.548	75	20149m	19.529	ug/l		
77) Bromobenzene	12.530	156	33851	21.665	ug/l		97
78) n-propylbenzene	12.590	91	193686	21.417	ug/l		100
79) 2-Chlorotoluene	12.676	91	105023	21.912	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	124094	21.348	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	8732	20.438	ug/l		96
82) 4-Chlorotoluene	12.773	91	105245	21.285	ug/l		99
83) tert-Butylbenzene	12.993	119	110529	21.185	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	121217	20.849	ug/l		99
85) sec-Butylbenzene	13.170	105	169468	21.209	ug/l		100
86) p-Isopropyltoluene	13.292	119	136555	20.733	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	68812	21.737	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	68515	22.314	ug/l		99
89) n-Butylbenzene	13.615	91	130440	20.874	ug/l		99
90) Hexachloroethane	13.877	117	28758	22.428	ug/l		95
91) 1,2-Dichlorobenzene	13.657	146	59871	22.275	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4327	24.456	ug/l		93
93) 1,2,4-Trichlorobenzene	14.919	180	31089	21.208	ug/l		98
94) Hexachlorobutadiene	15.023	225	17487	21.613	ug/l		99
95) Naphthalene	15.139	128	59033	20.985	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	28183	22.433	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

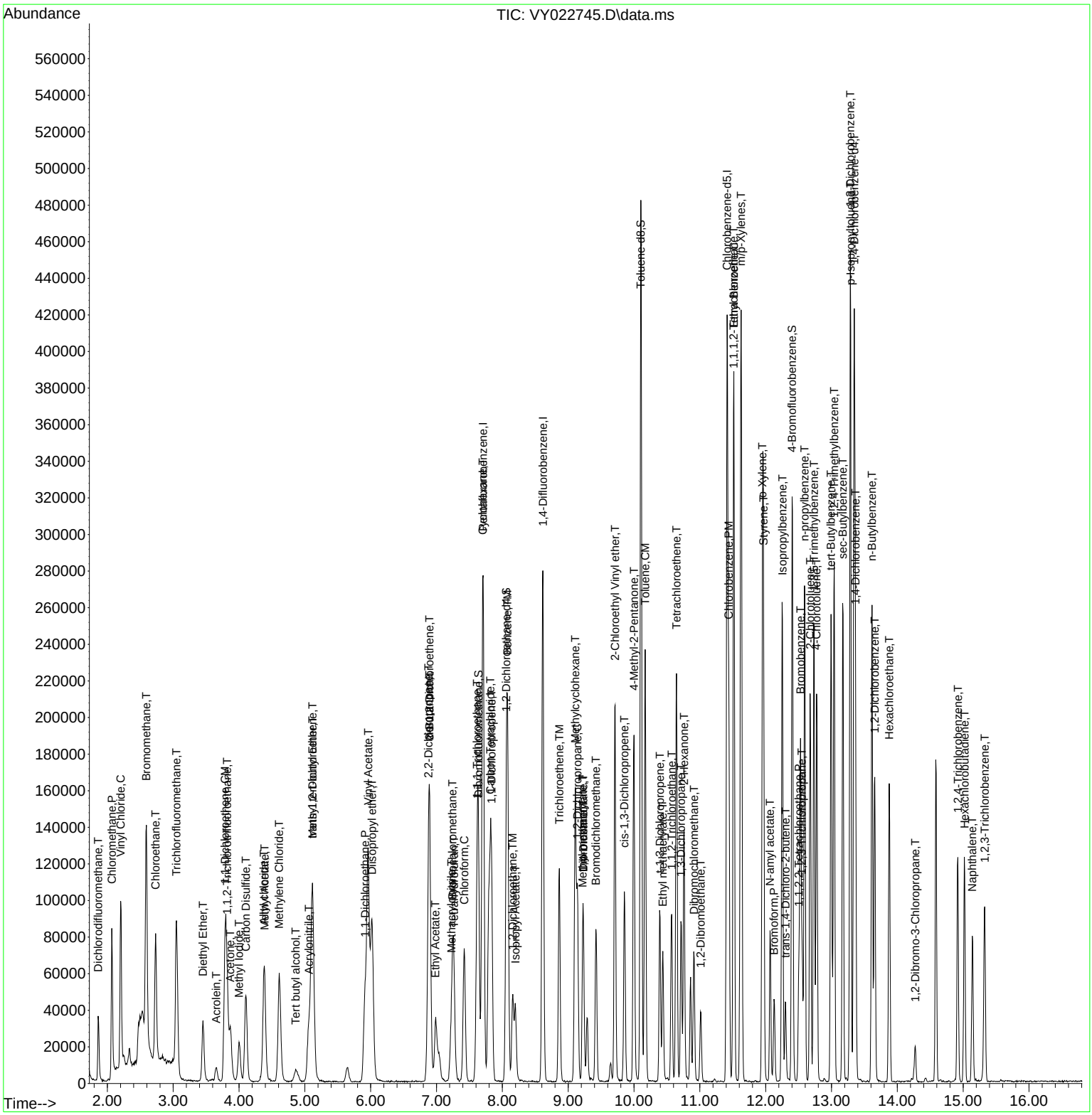
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
Data File : VY022745.D
Acq On : 19 Jun 2025 10:49
Operator : SY/MD
Sample : VY0619SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 02:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



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

Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022491.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	1,4-Dioxane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	Ethyl Acetate	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Dibromomethane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Methacrylonitrile	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC020	VY022493.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:00 AM	MMDadoda	6/3/2025 2:38:17 PM	Peak Integrated by Software
VSTDICCC050	VY022494.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:05 AM	MMDadoda	6/3/2025 2:38:19 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	Methacrylonitrile	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC150	VY022496.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:09 AM	MMDadoda	6/3/2025 2:38:22 PM	Peak Integrated by Software
VSTDICV050	VY022498.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:42 AM	MMDadoda	6/3/2025 2:38:25 PM	Peak Integrated by Software
VSTDCCC050	VY022509.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:27:00 AM	MMDadoda	6/3/2025 2:38:29 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vy061925	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022742.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:30 AM	MMdadoda	6/21/2025 12:19:48 AM	Peak Integrated by Software
VY0619SBS01	VY022744.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:34 AM	MMdadoda	6/21/2025 12:19:52 AM	Peak Integrated by Software
VY0619SBSD01	VY022745.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:39 AM	MMdadoda	6/21/2025 12:20:00 AM	Peak Integrated by Software
VSTDCCC050	VY022757.D	1,2,3-Trichloropropane	sam	6/21/2025 12:08:43 AM	MMdadoda	6/21/2025 12:20:06 AM	Peak Integrated by Software

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM				
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022488.D	02 Jun 2025 08:31	SY/MD	Ok
2	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	SY/MD	Not Ok
3	VY0602SBL01	VY022490.D	02 Jun 2025 10:38	SY/MD	Not Ok
4	VSTDICC005	VY022491.D	02 Jun 2025 11:46	SY/MD	Ok,M
5	VSTDICC010	VY022492.D	02 Jun 2025 12:09	SY/MD	Ok,M
6	VSTDICC020	VY022493.D	02 Jun 2025 12:32	SY/MD	Ok,M
7	VSTDICCC050	VY022494.D	02 Jun 2025 12:54	SY/MD	Ok,M
8	VSTDICC100	VY022495.D	02 Jun 2025 13:17	SY/MD	Ok,M
9	VSTDICC150	VY022496.D	02 Jun 2025 13:39	SY/MD	Ok,M
10	VIBLK	VY022497.D	02 Jun 2025 14:03	SY/MD	Ok
11	VSTDICV050	VY022498.D	02 Jun 2025 14:59	SY/MD	Ok,M
12	VY0602SBL02	VY022499.D	02 Jun 2025 16:00	SY/MD	Ok
13	VY0602SBS01	VY022500.D	02 Jun 2025 16:24	SY/MD	Ok,M
14	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47	SY/MD	Ok,M
15	Q2160-02	VY022502.D	02 Jun 2025 17:10	SY/MD	Ok
16	Q2152-01	VY022503.D	02 Jun 2025 17:34	SY/MD	Not Ok
17	Q2153-01RE	VY022504.D	02 Jun 2025 17:57	SY/MD	Confirms
18	Q2147-02	VY022505.D	02 Jun 2025 18:21	SY/MD	Not Ok
19	Q2150-02	VY022506.D	02 Jun 2025 18:44	SY/MD	Ok
20	Q2150-05RE	VY022507.D	02 Jun 2025 19:08	SY/MD	Confirms
21	Q2161-01	VY022508.D	02 Jun 2025 19:31	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM				
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VY022509.D	02 Jun 2025 19:54	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY061925

Review By	Semsettin Yesilyurt	Review On	6/21/2025 12:09:07 AM				
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:20:20 AM				
SubDirectory	VY061925	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134418
Initial Calibration Stds	
CCC	VP134419,VP134420
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022741.D	19 Jun 2025 08:38	SY/MD	Ok
2	VSTDCCC050	VY022742.D	19 Jun 2025 09:10	SY/MD	Ok,M
3	VY0619SBL01	VY022743.D	19 Jun 2025 09:48	SY/MD	Ok
4	VY0619SBS01	VY022744.D	19 Jun 2025 10:26	SY/MD	Ok,M
5	VY0619SBSD01	VY022745.D	19 Jun 2025 10:49	SY/MD	Ok,M
6	Q2358-01	VY022746.D	19 Jun 2025 11:28	SY/MD	Ok
7	Q2357-01RE	VY022747.D	19 Jun 2025 11:51	SY/MD	Confirms
8	Q2296-23	VY022748.D	19 Jun 2025 12:14	SY/MD	Ok
9	VIBLK	VY022749.D	19 Jun 2025 12:38	SY/MD	Ok
10	Q2362-03	VY022750.D	19 Jun 2025 13:01	SY/MD	Ok
11	Q2362-07	VY022751.D	19 Jun 2025 13:25	SY/MD	Ok
12	Q2364-02	VY022752.D	19 Jun 2025 13:48	SY/MD	Ok
13	Q2364-04	VY022753.D	19 Jun 2025 14:11	SY/MD	Ok
14	Q2367-03	VY022754.D	19 Jun 2025 14:49	SY/MD	Ok
15	Q2367-07	VY022755.D	19 Jun 2025 15:12	SY/MD	Ok
16	VIBLK	VY022756.D	19 Jun 2025 15:36	SY/MD	Ok
17	VSTDCCC050	VY022757.D	19 Jun 2025 15:59	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022488.D	02 Jun 2025 08:31		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	Need ICAL	SY/MD	Not Ok
3	VY0602SBL01	VY0602SBL01	VY022490.D	02 Jun 2025 10:38		SY/MD	Not Ok
4	VSTDICC005	VSTDICC005	VY022491.D	02 Jun 2025 11:46		SY/MD	Ok,M
5	VSTDICC010	VSTDICC010	VY022492.D	02 Jun 2025 12:09		SY/MD	Ok,M
6	VSTDICC020	VSTDICC020	VY022493.D	02 Jun 2025 12:32		SY/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VY022494.D	02 Jun 2025 12:54		SY/MD	Ok,M
8	VSTDICC100	VSTDICC100	VY022495.D	02 Jun 2025 13:17		SY/MD	Ok,M
9	VSTDICC150	VSTDICC150	VY022496.D	02 Jun 2025 13:39		SY/MD	Ok,M
10	VIBLK	VIBLK	VY022497.D	02 Jun 2025 14:03		SY/MD	Ok
11	VSTDICV050	ICVVY060225	VY022498.D	02 Jun 2025 14:59	Icv Fail For DOD For Com.# 18	SY/MD	Ok,M
12	VY0602SBL02	VY0602SBL02	VY022499.D	02 Jun 2025 16:00		SY/MD	Ok
13	VY0602SBS01	VY0602SBS01	VY022500.D	02 Jun 2025 16:24		SY/MD	Ok,M
14	VY0602SBSD01	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47		SY/MD	Ok,M
15	Q2160-02	TP04-MHG-VOC	VY022502.D	02 Jun 2025 17:10	vial A	SY/MD	Ok
16	Q2152-01	OK-02-05292025	VY022503.D	02 Jun 2025 17:34	Not Purged,vial B	SY/MD	Not Ok
17	Q2153-01RE	TR-04-0592025RE	VY022504.D	02 Jun 2025 17:57	Surrogate Fail;Internal Standard Fail, vial B	SY/MD	Confirms

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2147-02	VOC	VY022505.D	02 Jun 2025 18:21	Not purge,vial B	SY/MD	Not Ok
19	Q2150-02	TP-42	VY022506.D	02 Jun 2025 18:44	vial B	SY/MD	Ok
20	Q2150-05RE	TP-47RE	VY022507.D	02 Jun 2025 19:08	Internal Standard Fail,vial B	SY/MD	Confirms
21	Q2161-01	B27-SOIL-SAMPLE	VY022508.D	02 Jun 2025 19:31	vial-B,Internal Standard Fail; Surrogate Fail	SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VY022509.D	02 Jun 2025 19:54		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY061925

Review By	Semsettin Yesilyurt	Review On	6/21/2025 12:09:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:20:20 AM		
SubDirectory	VY061925	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134418
Initial Calibration Stds	
CCC	VP134419,VP134420
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022741.D	19 Jun 2025 08:38		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022742.D	19 Jun 2025 09:10		SY/MD	Ok,M
3	VY0619SBL01	VY0619SBL01	VY022743.D	19 Jun 2025 09:48		SY/MD	Ok
4	VY0619SBS01	VY0619SBS01	VY022744.D	19 Jun 2025 10:26		SY/MD	Ok,M
5	VY0619SBSD01	VY0619SBSD01	VY022745.D	19 Jun 2025 10:49		SY/MD	Ok,M
6	Q2358-01	NB-07-06182025	VY022746.D	19 Jun 2025 11:28	vial-B Internal standard fail;Surrogate fail	SY/MD	Ok
7	Q2357-01RE	TR-06-06182025RE	VY022747.D	19 Jun 2025 11:51	vial-B Internal standard fail;Surrogate fail	SY/MD	Confirms
8	Q2296-23	WC-6-VOC	VY022748.D	19 Jun 2025 12:14	vial-A	SY/MD	Ok
9	VIBLK	VIBLK	VY022749.D	19 Jun 2025 12:38		SY/MD	Ok
10	Q2362-03	TP-11-VOC	VY022750.D	19 Jun 2025 13:01	vial-A	SY/MD	Ok
11	Q2362-07	EP-6-VOC	VY022751.D	19 Jun 2025 13:25	vial-A	SY/MD	Ok
12	Q2364-02	GAV1B	VY022752.D	19 Jun 2025 13:48	vial-A	SY/MD	Ok
13	Q2364-04	GAV2B	VY022753.D	19 Jun 2025 14:11	vial-A	SY/MD	Ok
14	Q2367-03	EP-4-VOC	VY022754.D	19 Jun 2025 14:49	vial-A	SY/MD	Ok
15	Q2367-07	EP-5-VOV	VY022755.D	19 Jun 2025 15:12	vial-A	SY/MD	Ok
16	VIBLK	VIBLK	VY022756.D	19 Jun 2025 15:36		SY/MD	Ok
17	VSTDCCC050	VSTDCCC050EC	VY022757.D	19 Jun 2025 15:59		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2364	**OrderDate:**	6/18/2025 4:07:57 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2364-02	**GAV1B**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/19/25	
Q2364-04	**GAV2B**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/19/25	