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

Hit Summary Sheet
SW-846

SDG No.: Q1851

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

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:	04/21/25
Project:	Stockton	Date Received:	04/21/25
Client Sample ID:	GP5	SDG No.:	Q1851
Lab Sample ID:	Q1851-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.5
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021948.D	1		04/21/25 15:08	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
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
75-65-0	Tert butyl alcohol	13.7	U	13.7	25.0	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
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
78-93-3	2-Butanone	6.60	U	6.60	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
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
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
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
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg

Raw Data: **VY021948.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:	04/21/25
Project:	Stockton	Date Received:	04/21/25
Client Sample ID:	GP5	SDG No.:	Q1851
Lab Sample ID:	Q1851-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	97.5
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021948.D	1		04/21/25 15:08	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		70 (63) - 130 (155)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	45.7		70 (74) - 130 (123)	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.3		70 (38) - 130 (136)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	203000	7.713			
540-36-3	1,4-Difluorobenzene	380000	8.616			
3114-55-4	Chlorobenzene-d5	315000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	109000	13.346			

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: **VY021967.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:	04/21/25
Project:	Stockton	Date Received:	04/21/25
Client Sample ID:	GP6	SDG No.:	Q1851
Lab Sample ID:	Q1851-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88.9
Sample Wt/Vol:	6.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021967.D	1		04/23/25 13:29	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.00	U	1.00	4.50	ug/Kg
75-01-4	Vinyl Chloride	0.72	U	0.72	4.50	ug/Kg
74-83-9	Bromomethane	0.97	U	0.97	4.50	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	4.50	ug/Kg
75-65-0	Tert butyl alcohol	12.4	U	12.4	22.7	ug/Kg
75-35-4	1,1-Dichloroethene	0.91	U	0.91	4.50	ug/Kg
67-64-1	Acetone	4.30	U	4.30	22.7	ug/Kg
75-15-0	Carbon Disulfide	0.96	U	0.96	4.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.66	U	0.66	4.50	ug/Kg
75-09-2	Methylene Chloride	3.20	U	3.20	9.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.78	U	0.78	4.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.73	U	0.73	4.50	ug/Kg
78-93-3	2-Butanone	5.90	U	5.90	22.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.88	U	0.88	4.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.68	U	0.68	4.50	ug/Kg
67-66-3	Chloroform	0.76	U	0.76	4.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.85	U	0.85	4.50	ug/Kg
71-43-2	Benzene	0.72	U	0.72	4.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.72	U	0.72	4.50	ug/Kg
79-01-6	Trichloroethene	0.74	U	0.74	4.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.83	U	0.83	4.50	ug/Kg
75-27-4	Bromodichloromethane	0.71	U	0.71	4.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.30	U	3.30	22.7	ug/Kg
108-88-3	Toluene	0.71	U	0.71	4.50	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	4.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.84	U	0.84	4.50	ug/Kg
591-78-6	2-Hexanone	3.40	U	3.40	22.7	ug/Kg
124-48-1	Dibromochloromethane	0.79	U	0.79	4.50	ug/Kg
127-18-4	Tetrachloroethene	0.95	U	0.95	4.50	ug/Kg

Raw Data: **VY021967.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	04/21/25
Project:	Stockton	Date Received:	04/21/25
Client Sample ID:	GP6	SDG No.:	Q1851
Lab Sample ID:	Q1851-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88.9
Sample Wt/Vol:	6.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021967.D	1		04/23/25 13:29	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.83	U	0.83	4.50	ug/Kg
100-41-4	Ethyl Benzene	0.61	U	0.61	4.50	ug/Kg
179601-23-1	m/p-Xylenes	1.10	U	1.10	9.10	ug/Kg
95-47-6	o-Xylene	0.75	U	0.75	4.50	ug/Kg
100-42-5	Styrene	0.65	U	0.65	4.50	ug/Kg
75-25-2	Bromoform	0.78	U	0.78	4.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.8		70 (63) - 130 (155)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 (70) - 130 (134)	97%	SPK: 50
2037-26-5	Toluene-d8	46.5		70 (74) - 130 (123)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.0	*	70 (38) - 130 (136)	56%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	326000	7.707			
540-36-3	1,4-Difluorobenzene	599000	8.616			
3114-55-4	Chlorobenzene-d5	448000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	115000	13.346			

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: **VY021950.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:	04/21/25
Project:	Stockton	Date Received:	04/21/25
Client Sample ID:	GP7	SDG No.:	Q1851
Lab Sample ID:	Q1851-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.2
Sample Wt/Vol:	7.26 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021950.D	1		04/21/25 15:54	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.84	U	0.84	3.70	ug/Kg
75-01-4	Vinyl Chloride	0.58	U	0.58	3.70	ug/Kg
74-83-9	Bromomethane	0.79	U	0.79	3.70	ug/Kg
75-00-3	Chloroethane	0.93	U	0.93	3.70	ug/Kg
75-65-0	Tert butyl alcohol	10.1	U	10.1	18.5	ug/Kg
75-35-4	1,1-Dichloroethene	0.74	U	0.74	3.70	ug/Kg
67-64-1	Acetone	3.50	U	3.50	18.5	ug/Kg
75-15-0	Carbon Disulfide	0.78	U	0.78	3.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.54	U	0.54	3.70	ug/Kg
75-09-2	Methylene Chloride	2.60	U	2.60	7.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.64	U	0.64	3.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.59	U	0.59	3.70	ug/Kg
78-93-3	2-Butanone	4.80	U	4.80	18.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	0.72	3.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.55	U	0.55	3.70	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	3.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.69	U	0.69	3.70	ug/Kg
71-43-2	Benzene	0.58	U	0.58	3.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.58	U	0.58	3.70	ug/Kg
79-01-6	Trichloroethene	0.60	U	0.60	3.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.67	U	0.67	3.70	ug/Kg
75-27-4	Bromodichloromethane	0.58	U	0.58	3.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.60	U	2.60	18.5	ug/Kg
108-88-3	Toluene	0.58	U	0.58	3.70	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.48	U	0.48	3.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.46	U	0.46	3.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.68	U	0.68	3.70	ug/Kg
591-78-6	2-Hexanone	2.70	U	2.70	18.5	ug/Kg
124-48-1	Dibromochloromethane	0.64	U	0.64	3.70	ug/Kg
127-18-4	Tetrachloroethene	0.78	U	0.78	3.70	ug/Kg

Raw Data: **VY021950.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:	04/21/25
Project:	Stockton	Date Received:	04/21/25
Client Sample ID:	GP7	SDG No.:	Q1851
Lab Sample ID:	Q1851-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.2
Sample Wt/Vol:	7.26 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021950.D	1		04/21/25 15:54	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.67	U	0.67	3.70	ug/Kg
100-41-4	Ethyl Benzene	0.50	U	0.50	3.70	ug/Kg
179601-23-1	m/p-Xylenes	0.92	U	0.92	7.40	ug/Kg
95-47-6	o-Xylene	0.61	U	0.61	3.70	ug/Kg
100-42-5	Styrene	0.52	U	0.52	3.70	ug/Kg
75-25-2	Bromoform	0.64	U	0.64	3.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.89	U	0.89	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 (63) - 130 (155)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	49.3		70 (74) - 130 (123)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.9		70 (38) - 130 (136)	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	209000	7.713			
540-36-3	1,4-Difluorobenzene	399000	8.615			
3114-55-4	Chlorobenzene-d5	345000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	120000	13.346			

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.: Q1851

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q1851-05	GP5	1,2-Dichloroethane-d4	50	47.8	96		70 (63)	130 (155)
		Dibromofluoromethane	50	50.5	101		70 (70)	130 (134)
		Toluene-d8	50	45.7	91		70 (74)	130 (123)
		4-Bromofluorobenzene	50	37.3	75		70 (38)	130 (136)
Q1851-06	GP6	1,2-Dichloroethane-d4	50	45.8	92		70 (63)	130 (155)
		Dibromofluoromethane	50	48.5	97		70 (70)	130 (134)
		Toluene-d8	50	46.5	93		70 (74)	130 (123)
		4-Bromofluorobenzene	50	28.1	56	*	70 (38)	130 (136)
Q1851-07	GP7	1,2-Dichloroethane-d4	50	53.9	108		70 (63)	130 (155)
		Dibromofluoromethane	50	51.6	103		70 (70)	130 (134)
		Toluene-d8	50	49.3	99		70 (74)	130 (123)
		4-Bromofluorobenzene	50	38.9	78		70 (38)	130 (136)
VY0421SBL01	VY0421SBL01	1,2-Dichloroethane-d4	50	50.5	101		70 (63)	130 (155)
		Dibromofluoromethane	50	52.0	104		70 (70)	130 (134)
		Toluene-d8	50	47.9	96		70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.1	80		70 (38)	130 (136)
VY0421SBS01	VY0421SBS01	1,2-Dichloroethane-d4	50	49.6	99		70 (63)	130 (155)
		Dibromofluoromethane	50	50.8	102		70 (70)	130 (134)
		Toluene-d8	50	51.0	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.9	102		70 (38)	130 (136)
VY0421SBSD01	VY0421SBSD01	1,2-Dichloroethane-d4	50	50.5	101		70 (63)	130 (155)
		Dibromofluoromethane	50	51.9	104		70 (70)	130 (134)
		Toluene-d8	50	51.2	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	51.5	103		70 (38)	130 (136)
VY0423SBL01	VY0423SBL01	1,2-Dichloroethane-d4	50	51.1	102		70 (63)	130 (155)
		Dibromofluoromethane	50	50.0	100		70 (70)	130 (134)
		Toluene-d8	50	47.6	95		70 (74)	130 (123)
		4-Bromofluorobenzene	50	38.5	77		70 (38)	130 (136)
VY0423SBS01	VY0423SBS01	1,2-Dichloroethane-d4	50	51.4	103		70 (63)	130 (155)
		Dibromofluoromethane	50	51.5	103		70 (70)	130 (134)
		Toluene-d8	50	52.0	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.6	101		70 (38)	130 (136)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1851

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021937.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0421SBS01	Chloromethane	20	20.3	ug/Kg	102			40 (70)	160 (130)	
	Vinyl chloride	20	19.1	ug/Kg	96			70 (72)	130 (129)	
	Bromomethane	20	20.8	ug/Kg	104			40 (58)	160 (141)	
	Chloroethane	20	20.2	ug/Kg	101			40 (69)	160 (130)	
	Tert butyl alcohol	100	85.4	ug/Kg	85			70 (24)	130 (175)	
	1,1-Dichloroethene	20	18.9	ug/Kg	95			70 (79)	130 (121)	
	Acetone	100	97.7	ug/Kg	98			40 (60)	160 (131)	
	Carbon disulfide	20	17.9	ug/Kg	90			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	19.1	ug/Kg	96			70 (77)	130 (129)	
	Methylene Chloride	20	19.9	ug/Kg	100			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	19.7	ug/Kg	99			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.7	ug/Kg	104			70 (82)	130 (123)	
	2-Butanone	100	94.9	ug/Kg	95			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.6	ug/Kg	103			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101			70 (82)	130 (123)	
	Chloroform	20	21.1	ug/Kg	106			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.4	ug/Kg	102			70 (80)	130 (126)	
	Benzene	20	20.6	ug/Kg	103			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.3	ug/Kg	102			70 (81)	130 (126)	
	Trichloroethene	20	20.9	ug/Kg	104			70 (83)	130 (122)	
	1,2-Dichloropropane	20	21.0	ug/Kg	105			70 (83)	130 (122)	
	Bromodichloromethane	20	20.8	ug/Kg	104			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	96.1	ug/Kg	96			40 (70)	160 (135)	
	Toluene	20	21.0	ug/Kg	105			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.1	ug/Kg	101			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.9	ug/Kg	104			70 (82)	130 (125)	
	2-Hexanone	100	95.4	ug/Kg	95			40 (66)	160 (138)	
	Dibromochloromethane	20	21.3	ug/Kg	106			70 (79)	130 (125)	
	Tetrachloroethene	20	22.0	ug/Kg	110			70 (83)	130 (125)	
	Chlorobenzene	20	20.3	ug/Kg	102			70 (84)	130 (122)	
	Ethyl Benzene	20	19.4	ug/Kg	97			70 (82)	130 (124)	
	m/p-Xylenes	40	40.3	ug/Kg	101			70 (83)	130 (124)	
	o-Xylene	20	19.6	ug/Kg	98			70 (83)	130 (123)	
	Styrene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	Bromoform	20	20.6	ug/Kg	103			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	18.0	ug/Kg	90			70 (77)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1851

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021938.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0421SBSD01	Chloromethane	20	18.8	ug/Kg	94	8		40 (70)	160 (130)	30 (20)
	Vinyl chloride	20	18.4	ug/Kg	92	4		70 (72)	130 (129)	30 (20)
	Bromomethane	20	20.3	ug/Kg	102	2		40 (58)	160 (141)	30 (20)
	Chloroethane	20	18.9	ug/Kg	95	6		40 (69)	160 (130)	30 (20)
	Tert butyl alcohol	100	95.7	ug/Kg	96	12		70 (24)	130 (175)	30 (20)
	1,1-Dichloroethene	20	18.8	ug/Kg	94	1		70 (79)	130 (121)	30 (20)
	Acetone	100	96.1	ug/Kg	96	2		40 (60)	160 (131)	30 (20)
	Carbon disulfide	20	17.3	ug/Kg	86	5		40 (45)	160 (154)	30 (20)
	Methyl tert-butyl Ether	20	19.4	ug/Kg	97	1		70 (77)	130 (129)	30 (20)
	Methylene Chloride	20	20.1	ug/Kg	101	1		70 (56)	130 (174)	30 (20)
	trans-1,2-Dichloroethene	20	19.4	ug/Kg	97	2		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	20.4	ug/Kg	102	2		70 (82)	130 (123)	30 (20)
	2-Butanone	100	97.3	ug/Kg	97	2		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	20.0	ug/Kg	100	3		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101	0		70 (82)	130 (123)	30 (20)
	Chloroform	20	20.4	ug/Kg	102	4		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	19.9	ug/Kg	100	2		70 (80)	130 (126)	30 (20)
	Benzene	20	20.2	ug/Kg	101	2		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.3	ug/Kg	102	0		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.3	ug/Kg	102	2		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.4	ug/Kg	102	3		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.7	ug/Kg	104	0		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	4		40 (70)	160 (135)	30 (20)
	Toluene	20	20.6	ug/Kg	103	2		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.8	ug/Kg	99	1		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.8	ug/Kg	99	2		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	21.9	ug/Kg	110	6		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	99.9	ug/Kg	100	5		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	21.1	ug/Kg	106	0		70 (79)	130 (125)	30 (20)
	Tetrachloroethene	20	22.2	ug/Kg	111	1		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	20.4	ug/Kg	102	0		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	19.3	ug/Kg	97	0		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	40.2	ug/Kg	101	0		70 (83)	130 (124)	30 (20)
	o-Xylene	20	19.7	ug/Kg	99	1		70 (83)	130 (123)	30 (20)
	Styrene	20	19.9	ug/Kg	100	1		70 (82)	130 (124)	30 (20)
	Bromoform	20	21.6	ug/Kg	108	5		70 (75)	130 (127)	30 (20)
	1,1,2,2-Tetrachloroethane	20	19.0	ug/Kg	95	5		70 (77)	130 (127)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1851

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021964.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0423SBS01	Chloromethane	20	22.2	ug/Kg	111			40 (70)	160 (130)	
	Vinyl chloride	20	20.6	ug/Kg	103			70 (72)	130 (129)	
	Bromomethane	20	24.1	ug/Kg	121			40 (58)	160 (141)	
	Chloroethane	20	21.5	ug/Kg	108			40 (69)	160 (130)	
	Tert butyl alcohol	100	97.5	ug/Kg	98			70 (24)	130 (175)	
	1,1-Dichloroethene	20	20.4	ug/Kg	102			70 (79)	130 (121)	
	Acetone	100	94.7	ug/Kg	95			40 (60)	160 (131)	
	Carbon disulfide	20	20.6	ug/Kg	103			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	20.0	ug/Kg	100			70 (77)	130 (129)	
	Methylene Chloride	20	19.5	ug/Kg	98			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	20.0	ug/Kg	100			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.2	ug/Kg	101			70 (82)	130 (123)	
	2-Butanone	100	96.4	ug/Kg	96			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.6	ug/Kg	103			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.3	ug/Kg	102			70 (82)	130 (123)	
	Chloroform	20	20.6	ug/Kg	103			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.2	ug/Kg	101			70 (80)	130 (126)	
	Benzene	20	20.7	ug/Kg	104			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.7	ug/Kg	104			70 (81)	130 (126)	
	Trichloroethene	20	20.2	ug/Kg	101			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			70 (83)	130 (122)	
	Bromodichloromethane	20	20.7	ug/Kg	104			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	20.8	ug/Kg	104			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.7	ug/Kg	104			70 (82)	130 (125)	
	2-Hexanone	100	100	ug/Kg	100			40 (66)	160 (138)	
	Dibromochloromethane	20	20.4	ug/Kg	102			70 (79)	130 (125)	
	Tetrachloroethene	20	20.4	ug/Kg	102			70 (83)	130 (125)	
	Chlorobenzene	20	20.2	ug/Kg	101			70 (84)	130 (122)	
	Ethyl Benzene	20	19.8	ug/Kg	99			70 (82)	130 (124)	
	m/p-Xylenes	40	40.3	ug/Kg	101			70 (83)	130 (124)	
	o-Xylene	20	19.8	ug/Kg	99			70 (83)	130 (123)	
	Styrene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	Bromoform	20	20.2	ug/Kg	101			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	21.2	ug/Kg	106			70 (77)	130 (127)	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0421SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021936.D Lab Sample ID: VY0421SBL01

Date Analyzed: 04/21/2025 Time Analyzed: 09:42

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
VY0421SBS01	VY0421SBS01	VY021937.D	04/21/2025
VY0421SBSD01	VY0421SBSD01	VY021938.D	04/21/2025
GP5	Q1851-05	VY021948.D	04/21/2025
GP7	Q1851-07	VY021950.D	04/21/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0423SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021963.D Lab Sample ID: VY0423SBL01

Date Analyzed: 04/23/2025 Time Analyzed: 10:31

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
VY0423SBS01	VY0423SBS01	VY021964.D	04/23/2025
GP6	Q1851-06	VY021967.D	04/23/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021655.D BFB Injection Date: 03/27/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:23

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.7 (2) 1
174	50.0 - 100.0% of mass 95	86.7
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.9 (95.6) 1
177	5.0 - 9.0% of mass 176	5.6 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY021656.D	03/27/2025	10:08
VSTDICC010	VSTDICC010	VY021657.D	03/27/2025	10:31
VSTDICC020	VSTDICC020	VY021658.D	03/27/2025	10:54
VSTDICCC050	VSTDICCC050	VY021659.D	03/27/2025	11:16
VSTDICC100	VSTDICC100	VY021660.D	03/27/2025	11:39
VSTDICC150	VSTDICC150	VY021661.D	03/27/2025	12:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021934.D BFB Injection Date: 04/21/2025

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	19.2
75	30.0 - 60.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.6 (1.8) 1
174	50.0 - 100.0% of mass 95	88.8
175	5.0 - 9.0% of mass 174	6.8 (7.6) 1
176	95.0 - 101.0% of mass 174	85.7 (96.5) 1
177	5.0 - 9.0% of mass 176	5.8 (6.7) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY021935.D	04/21/2025	09:08
VY0421SBL01	VY0421SBL01	VY021936.D	04/21/2025	09:42
VY0421SBS01	VY0421SBS01	VY021937.D	04/21/2025	10:18
VY0421SBSD01	VY0421SBSD01	VY021938.D	04/21/2025	10:41
GP5	Q1851-05	VY021948.D	04/21/2025	15:08
GP7	Q1851-07	VY021950.D	04/21/2025	15:54

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021952.D BFB Injection Date: 04/22/2025

Instrument ID: MSVOA_Y BFB Injection Time: 11:33

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	16.9
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.5 (1.7) 1
174	50.0 - 100.0% of mass 95	88.4
175	5.0 - 9.0% of mass 174	7.1 (8) 1
176	95.0 - 101.0% of mass 174	84.9 (96.1) 1
177	5.0 - 9.0% of mass 176	5.5 (6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY021953.D	04/22/2025	13:39
VSTDICC010	VSTDICC010	VY021954.D	04/22/2025	14:44
VSTDICC020	VSTDICC020	VY021955.D	04/22/2025	15:07
VSTDICCC050	VSTDICCC050	VY021956.D	04/22/2025	15:29
VSTDICC100	VSTDICC100	VY021957.D	04/22/2025	15:52
VSTDICC150	VSTDICC150	VY021958.D	04/22/2025	16:15

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021961.D BFB Injection Date: 04/23/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:27

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	15.6
75	30.0 - 60.0% of mass 95	48.7
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	1.4 (1.7) 1
174	50.0 - 100.0% of mass 95	83.9
175	5.0 - 9.0% of mass 174	6.8 (8.1) 1
176	95.0 - 101.0% of mass 174	83 (99) 1
177	5.0 - 9.0% of mass 176	5.3 (6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY021962.D	04/23/2025	09:57
VY0423SBL01	VY0423SBL01	VY021963.D	04/23/2025	10:31
VY0423SBS01	VY0423SBS01	VY021964.D	04/23/2025	11:07
GP6	Q1851-06	VY021967.D	04/23/2025	13:29

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021935.D Date Analyzed: 04/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:08

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	190380	7.71	283274	8.62	258729	11.42
UPPER LIMIT	380760	8.207	566548	9.116	517458	11.92
LOWER LIMIT	95190	7.207	141637	8.116	129365	10.92
EPA SAMPLE NO.						
GP5	202834	7.71	379948	8.62	314728	11.42
GP7	209157	7.71	398558	8.62	345335	11.42
VY0421SBL01	238181	7.71	431702	8.62	370399	11.42
VY0421SBS01	181890	7.71	285604	8.62	261318	11.42
VY0421SBSD01	184070	7.71	287552	8.62	258721	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.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021935.D Date Analyzed: 04/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:08

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

	IS4 AREA #	RT #				
12 HOUR STD	137455	13.347				
UPPER LIMIT	274910	13.847				
LOWER LIMIT	68727.5	12.847				
EPA SAMPLE NO.						
GP5	108735	13.35				
GP7	119952	13.35				
VY0421SBL01	140852	13.35				
VY0421SBS01	139221	13.35				
VY0421SBSD01	136375	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021962.D Date Analyzed: 04/23/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:57

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	304636	7.71	465219	8.62	430304	11.42
UPPER LIMIT	609272	8.213	930438	9.116	860608	11.92
LOWER LIMIT	152318	7.213	232610	8.116	215152	10.92
EPA SAMPLE NO.						
GP6	325896	7.71	599246	8.62	448094	11.41
VY0423SBL01	319981	7.71	599033	8.62	525205	11.42
VY0423SBS01	295173	7.71	458305	8.62	417679	11.42

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG NO.: Q1851

Lab File ID: VY021962.D Date Analyzed: 04/23/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:57

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

	IS4 AREA #	RT #				
12 HOUR STD	227723	13.347				
UPPER LIMIT	455446	13.847				
LOWER LIMIT	113862	12.847				
EPA SAMPLE NO.						
GP6	115067	13.35				
VY0423SBL01	194434	13.35				
VY0423SBS01	221603	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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0421SBL01	SDG No.:	Q1851
Lab Sample ID:	VY0421SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021936.D	1		04/21/25 09:42	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
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
75-65-0	Tert butyl alcohol	13.7	U	13.7	25.0	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
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
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
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
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
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
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0421SBL01	SDG No.:	Q1851
Lab Sample ID:	VY0421SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021936.D	1		04/21/25 09:42	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.5		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (70) - 130 (134)	104%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.1		70 (38) - 130 (136)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	238000	7.713			
540-36-3	1,4-Difluorobenzene	432000	8.615			
3114-55-4	Chlorobenzene-d5	370000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.352			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0423SBL01	SDG No.:	Q1851
Lab Sample ID:	VY0423SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021963.D	1		04/23/25 10:31	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
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
75-65-0	Tert butyl alcohol	13.7	U	13.7	25.0	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
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
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
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
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
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
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0423SBL01	SDG No.:	Q1851
Lab Sample ID:	VY0423SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021963.D	1		04/23/25 10:31	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (63) - 130 (155)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	47.6		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.6		70 (38) - 130 (136)	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	7.713			
540-36-3	1,4-Difluorobenzene	599000	8.616			
3114-55-4	Chlorobenzene-d5	525000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	194000	13.347			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0421SBS01	SDG No.:	Q1851
Lab Sample ID:	VY0421SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021937.D	1		04/21/25 10:18	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	20.3		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.1		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.2		1.30	5.00	ug/Kg
75-65-0	Tert butyl alcohol	85.4		13.7	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	18.9		1.00	5.00	ug/Kg
67-64-1	Acetone	97.7		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.9		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.1		0.73	5.00	ug/Kg
75-09-2	Methylene Chloride	19.9		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.7		0.80	5.00	ug/Kg
78-93-3	2-Butanone	94.9		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.2		0.75	5.00	ug/Kg
67-66-3	Chloroform	21.1		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.4		0.93	5.00	ug/Kg
71-43-2	Benzene	20.6		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.0		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	96.1		3.60	25.0	ug/Kg
108-88-3	Toluene	21.0		0.78	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.6		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.1		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.9		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	95.4		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.3		0.87	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.0		1.10	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0421SBS01	SDG No.:	Q1851
Lab Sample ID:	VY0421SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021937.D	1		04/21/25 10:18	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.4		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.6		0.82	5.00	ug/Kg
100-42-5	Styrene	20.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.6		0.86	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		70 (63) - 130 (155)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (38) - 130 (136)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	7.707			
540-36-3	1,4-Difluorobenzene	286000	8.616			
3114-55-4	Chlorobenzene-d5	261000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	139000	13.346			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0423SBS01	SDG No.:	Q1851
Lab Sample ID:	VY0423SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021964.D	1		04/23/25 11:07	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	22.2		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	24.1		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.5		1.30	5.00	ug/Kg
75-65-0	Tert butyl alcohol	97.5		13.7	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	20.4		1.00	5.00	ug/Kg
67-64-1	Acetone	94.7		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.6		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.0		0.73	5.00	ug/Kg
75-09-2	Methylene Chloride	19.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.0		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.2		0.80	5.00	ug/Kg
78-93-3	2-Butanone	96.4		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.3		0.75	5.00	ug/Kg
67-66-3	Chloroform	20.6		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.2		0.93	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.7		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.2		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.7		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.8		0.78	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.87	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.4		1.10	5.00	ug/Kg

Raw Data: **VY021964.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:	Stockton	Date Received:	
Client Sample ID:	VY0423SBS01	SDG No.:	Q1851
Lab Sample ID:	VY0423SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021964.D	1		04/23/25 11:07	VY042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	20.2		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.8		0.82	5.00	ug/Kg
100-42-5	Styrene	20.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.2		0.86	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		70 (63) - 130 (155)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	52.0		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		70 (38) - 130 (136)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	295000	7.707			
540-36-3	1,4-Difluorobenzene	458000	8.616			
3114-55-4	Chlorobenzene-d5	418000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	222000	13.346			

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:	Stockton	Date Received:	
Client Sample ID:	VY0421SBSD01	SDG No.:	Q1851
Lab Sample ID:	VY0421SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021938.D	1		04/21/25 10:41	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	18.8		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	18.4		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.3		1.10	5.00	ug/Kg
75-00-3	Chloroethane	18.9		1.30	5.00	ug/Kg
75-65-0	Tert butyl alcohol	95.7		13.7	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	18.8		1.00	5.00	ug/Kg
67-64-1	Acetone	96.1		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.4		0.73	5.00	ug/Kg
75-09-2	Methylene Chloride	20.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.4		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.4		0.80	5.00	ug/Kg
78-93-3	2-Butanone	97.3		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.0		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.1		0.75	5.00	ug/Kg
67-66-3	Chloroform	20.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.9		0.93	5.00	ug/Kg
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.3		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.7		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.6		0.78	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.8		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.8		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.9		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	99.9		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.1		0.87	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.2		1.10	5.00	ug/Kg

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:	Stockton	Date Received:	
Client Sample ID:	VY0421SBSD01	SDG No.:	Q1851
Lab Sample ID:	VY0421SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021938.D	1		04/21/25 10:41	VY042125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	20.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.7		0.82	5.00	ug/Kg
100-42-5	Styrene	19.9		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.6		0.86	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.5		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		70 (70) - 130 (134)	104%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (38) - 130 (136)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	184000	7.707			
540-36-3	1,4-Difluorobenzene	288000	8.616			
3114-55-4	Chlorobenzene-d5	259000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	136000	13.346			

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:08 12:02

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

LAB FILE ID: RRF005 = VY021656.D RRF010 = VY021657.D RRF020 = VY021658.D
RRF050 = VY021659.D RRF100 = VY021660.D RRF150 = VY021661.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.876	0.775	0.713	0.692	0.672	0.644	0.729	11.6
Vinyl Chloride	0.977	0.886	0.810	0.800	0.758	0.714	0.824	11.5
Bromomethane	0.709	0.613	0.537	0.513	0.494	0.506	0.562	14.9
Chloroethane	0.644	0.570	0.544	0.512	0.490	0.476	0.539	11.5
Tert butyl alcohol	0.043	0.038	0.034	0.034	0.029	0.032	0.035	13.5
1,1-Dichloroethene	0.589	0.564	0.508	0.514	0.496	0.477	0.524	8.2
Acetone	0.145	0.123	0.102	0.107	0.087	0.102	0.111	18.3
Carbon Disulfide	1.956	1.828	1.709	1.696	1.623	1.552	1.727	8.4
Methyl tert-butyl Ether	1.380	1.335	1.247	1.325	1.256	1.292	1.306	3.9
Methylene Chloride	0.870	0.694	0.594	0.564	0.518	0.514	0.626	21.8
trans-1,2-Dichloroethene	0.634	0.608	0.568	0.567	0.551	0.536	0.577	6.3
1,1-Dichloroethane	1.178	1.091	1.024	1.040	0.992	0.968	1.049	7.3
2-Butanone	0.181	0.166	0.149	0.159	0.140	0.155	0.158	8.9
Carbon Tetrachloride	0.637	0.594	0.546	0.564	0.547	0.507	0.566	7.9
cis-1,2-Dichloroethene	0.700	0.658	0.626	0.652	0.631	0.629	0.649	4.3
Chloroform	1.235	1.141	1.062	1.081	1.026	1.000	1.091	7.9
1,1,1-Trichloroethane	1.155	1.013	0.959	0.967	0.929	0.893	0.986	9.3
Benzene	1.606	1.527	1.429	1.499	1.445	1.371	1.479	5.6
1,2-Dichloroethane	0.467	0.445	0.399	0.420	0.392	0.379	0.417	8.1
Trichloroethene	0.412	0.398	0.362	0.374	0.366	0.348	0.377	6.4
1,2-Dichloropropane	0.383	0.366	0.334	0.353	0.340	0.325	0.350	6.2
Bromodichloromethane	0.571	0.546	0.504	0.525	0.508	0.484	0.523	6
4-Methyl-2-Pentanone	0.232	0.240	0.219	0.241	0.222	0.226	0.230	3.9
Toluene	0.940	0.943	0.893	0.951	0.928	0.885	0.923	3
t-1,3-Dichloropropene	0.456	0.470	0.439	0.486	0.475	0.461	0.465	3.5
cis-1,3-Dichloropropene	0.553	0.558	0.528	0.565	0.549	0.534	0.548	2.6
1,1,2-Trichloroethane	0.280	0.283	0.249	0.261	0.247	0.240	0.260	6.9
2-Hexanone	0.154	0.154	0.144	0.164	0.148	0.154	0.153	4.2
Dibromochloromethane	0.371	0.367	0.340	0.364	0.348	0.337	0.355	4.1
Tetrachloroethene	0.534	0.503	0.453	0.449	0.412	0.382	0.455	12.3

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:08 12:02

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

LAB FILE ID: RRF005 = VY021656.D RRF010 = VY021657.D RRF020 = VY021658.D
RRF050 = VY021659.D RRF100 = VY021660.D RRF150 = VY021661.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chlorobenzene	1.244	1.178	1.110	1.155	1.116	1.073	1.146	5.3
Ethyl Benzene	1.949	1.916	1.918	2.051	2.023	1.935	1.965	2.9
m/p-Xylenes	0.726	0.753	0.744	0.787	0.774	0.731	0.753	3.2
o-Xylene	0.665	0.670	0.676	0.738	0.725	0.694	0.695	4.4
Styrene	1.064	1.110	1.134	1.232	1.229	1.181	1.158	5.8
Bromoform	0.241	0.239	0.229	0.237	0.225	0.221	0.232	3.4
1,1,2,2-Tetrachloroethane	0.764	0.720	0.616	0.657	0.619	0.631	0.668	9.1
1,2-Dichloroethane-d4	0.612	0.559	0.502	0.548	0.510	0.520	0.542	7.5
Dibromofluoromethane	0.357	0.321	0.290	0.339	0.325	0.313	0.324	7
Toluene-d8	1.277	1.240	1.127	1.306	1.252	1.201	1.234	5.1
4-Bromofluorobenzene	0.447	0.410	0.378	0.439	0.424	0.407	0.417	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.

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.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:39 16:15

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

LAB FILE ID: RRF005 = VY021953.D RRF010 = VY021954.D RRF020 = VY021955.D
RRF050 = VY021956.D RRF100 = VY021957.D RRF150 = VY021958.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.704	0.670	0.636	0.602	0.529	0.498	0.607	13.2
Vinyl Chloride	0.829	0.830	0.758	0.730	0.680	0.647	0.745	10.1
Bromomethane	0.782	0.697	0.674	0.596	0.554	0.550	0.642	14.3
Chloroethane	0.589	0.550	0.524	0.494	0.460	0.429	0.508	11.6
Tert butyl alcohol	0.027	0.024	0.027	0.026	0.023	0.025	0.025	6.4
1,1-Dichloroethene	0.525	0.532	0.483	0.471	0.487	0.484	0.497	5
Acetone	0.092	0.084	0.066	0.063	0.058	0.057	0.070	20.7
Carbon Disulfide	1.736	1.737	1.569	1.493	1.516	1.459	1.585	7.7
Methyl tert-butyl Ether	1.098	1.067	1.102	1.133	1.141	1.134	1.113	2.6
Methylene Chloride	0.759	0.625	0.574	0.533	0.518	0.494	0.584	16.7
trans-1,2-Dichloroethene	0.619	0.578	0.533	0.532	0.546	0.532	0.557	6.3
1,1-Dichloroethane	0.987	0.943	0.893	0.853	0.855	0.826	0.893	6.9
2-Butanone	0.111	0.107	0.108	0.106	0.099	0.100	0.105	4.5
Carbon Tetrachloride	0.540	0.563	0.512	0.507	0.535	0.523	0.530	3.9
cis-1,2-Dichloroethene	0.626	0.638	0.604	0.612	0.633	0.621	0.622	2.1
Chloroform	1.084	1.046	0.974	0.956	0.958	0.925	0.990	6.2
1,1,1-Trichloroethane	0.972	0.944	0.896	0.853	0.865	0.846	0.896	5.8
Benzene	1.423	1.439	1.351	1.337	1.415	1.358	1.387	3.1
1,2-Dichloroethane	0.347	0.367	0.350	0.335	0.336	0.325	0.343	4.3
Trichloroethene	0.402	0.405	0.369	0.367	0.387	0.375	0.384	4.3
1,2-Dichloropropane	0.320	0.317	0.302	0.300	0.308	0.294	0.307	3.4
Bromodichloromethane	0.479	0.504	0.464	0.470	0.490	0.471	0.480	3.1
4-Methyl-2-Pentanone	0.144	0.149	0.167	0.172	0.166	0.165	0.160	6.9
Toluene	0.838	0.915	0.875	0.894	0.952	0.913	0.898	4.4
t-1,3-Dichloropropene	0.383	0.408	0.399	0.417	0.437	0.425	0.411	4.7
cis-1,3-Dichloropropene	0.466	0.488	0.483	0.484	0.514	0.500	0.489	3.3
1,1,2-Trichloroethane	0.250	0.261	0.261	0.256	0.258	0.252	0.256	1.8
2-Hexanone	0.093	0.096	0.109	0.115	0.111	0.111	0.106	8.5
Dibromochloromethane	0.345	0.355	0.354	0.352	0.367	0.357	0.355	2
Tetrachloroethene	0.500	0.516	0.462	0.455	0.466	0.430	0.472	6.6

* 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.

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.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:39 16:15

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

LAB FILE ID: RRF005 = VY021953.D RRF010 = VY021954.D RRF020 = VY021955.D
RRF050 = VY021956.D RRF100 = VY021957.D RRF150 = VY021958.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chlorobenzene	1.188	1.152	1.055	1.083	1.139	1.092	1.118	4.5
Ethyl Benzene	1.693	1.840	1.718	1.835	1.990	1.898	1.829	6.1
m/p-Xylenes	0.664	0.720	0.699	0.734	0.797	0.754	0.728	6.3
o-Xylene	0.599	0.639	0.635	0.689	0.747	0.716	0.671	8.3
Styrene	0.950	1.080	1.078	1.169	1.272	1.209	1.126	10.2
Bromoform	0.234	0.221	0.224	0.229	0.236	0.229	0.229	2.5
1,1,2,2-Tetrachloroethane	0.601	0.562	0.555	0.548	0.555	0.558	0.563	3.4
1,2-Dichloroethane-d4	0.525	0.477	0.459	0.466	0.418	0.427	0.462	8.3
Dibromofluoromethane	0.335	0.341	0.330	0.330	0.319	0.327	0.330	2.3
Toluene-d8	1.220	1.260	1.211	1.276	1.244	1.261	1.245	2
4-Bromofluorobenzene	0.408	0.429	0.401	0.426	0.423	0.428	0.419	2.8

* 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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date/Time: 04/21/2025 09:08

Lab File ID: VY021935.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.729	0.702	0.1	-3.7	20
Vinyl Chloride	0.824	0.744		-9.71	20
Bromomethane	0.562	0.523		-6.94	20
Chloroethane	0.539	0.517		-4.08	20
Tert butyl alcohol	0.035	0.028		-20	20
1,1-Dichloroethene	0.524	0.478		-8.78	20
Acetone	0.111	0.094		-15.31	20
Carbon Disulfide	1.727	1.492		-13.61	20
Methyl tert-butyl Ether	1.306	1.235		-5.44	20
Methylene Chloride	0.626	0.563		-10.06	20
trans-1,2-Dichloroethene	0.577	0.566		-1.91	20
1,1-Dichloroethane	1.049	1.036	0.1	-1.24	20
2-Butanone	0.158	0.139		-12.02	20
Carbon Tetrachloride	0.566	0.586		3.53	20
cis-1,2-Dichloroethene	0.649	0.652		0.46	20
Chloroform	1.091	1.093		0.18	20
1,1,1-Trichloroethane	0.986	0.967		-1.93	20
Benzene	1.479	1.553		5	20
1,2-Dichloroethane	0.417	0.437		4.8	20
Trichloroethene	0.377	0.408		8.22	20
1,2-Dichloropropane	0.350	0.371		6	20
Bromodichloromethane	0.523	0.556		6.31	20
4-Methyl-2-Pentanone	0.230	0.234		1.74	20
Toluene	0.923	1.009		9.32	20
t-1,3-Dichloropropene	0.465	0.482		3.66	20
cis-1,3-Dichloropropene	0.548	0.572		4.38	20
1,1,2-Trichloroethane	0.260	0.279		7.31	20
2-Hexanone	0.153	0.153		0	20
Dibromochloromethane	0.355	0.390		9.86	20
Tetrachloroethene	0.455	0.511		12.31	20
Chlorobenzene	1.146	1.190	0.3	3.84	20
Ethyl Benzene	1.965	2.069		5.29	20
m/p-Xylenes	0.753	0.805		6.91	20
o-Xylene	0.695	0.744		7.05	20
Styrene	1.158	1.284		10.88	20
Bromoform	0.232	0.245	0.1	5.6	20
1,1,2,2-Tetrachloroethane	0.668	0.595	0.3	-10.93	20
1,2-Dichloroethane-d4	0.542	0.519		-4.24	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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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date/Time: 04/21/2025 09:08

Lab File ID: VY021935.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.324	0.345		6.48	20
Toluene-d8	1.234	1.304		5.67	20
4-Bromofluorobenzene	0.417	0.441		5.76	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.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date/Time: 04/23/2025 09:57

Lab File ID: VY021962.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.607	0.595	0.1	-1.98	20
Vinyl Chloride	0.745	0.714		-4.16	20
Bromomethane	0.642	0.600		-6.54	20
Chloroethane	0.508	0.500		-1.58	20
Tert butyl alcohol	0.025	0.020		-20	20
1,1-Dichloroethene	0.497	0.472		-5.03	20
Acetone	0.070	0.055		-21.43	20
Carbon Disulfide	1.585	1.529		-3.53	20
Methyl tert-butyl Ether	1.113	1.042		-6.38	20
Methylene Chloride	0.584	0.518		-11.3	20
trans-1,2-Dichloroethene	0.557	0.547		-1.79	20
1,1-Dichloroethane	0.893	0.858	0.1	-3.92	20
2-Butanone	0.105	0.092		-12.38	20
Carbon Tetrachloride	0.530	0.526		-0.75	20
cis-1,2-Dichloroethene	0.622	0.605		-2.73	20
Chloroform	0.990	0.965		-2.53	20
1,1,1-Trichloroethane	0.896	0.858		-4.24	20
Benzene	1.387	1.381		-0.43	20
1,2-Dichloroethane	0.343	0.331		-3.5	20
Trichloroethene	0.384	0.371		-3.38	20
1,2-Dichloropropane	0.307	0.306		-0.33	20
Bromodichloromethane	0.480	0.479		-0.21	20
4-Methyl-2-Pentanone	0.160	0.152		-5	20
Toluene	0.898	0.927		3.23	20
t-1,3-Dichloropropene	0.411	0.401		-2.43	20
cis-1,3-Dichloropropene	0.489	0.487		-0.41	20
1,1,2-Trichloroethane	0.256	0.248		-3.13	20
2-Hexanone	0.106	0.100		-5.66	20
Dibromochloromethane	0.355	0.348		-1.97	20
Tetrachloroethene	0.472	0.451		-4.45	20
Chlorobenzene	1.118	1.095	0.3	-2.06	20
Ethyl Benzene	1.829	1.881		2.84	20
m/p-Xylenes	0.728	0.756		3.85	20
o-Xylene	0.671	0.693		3.28	20
Styrene	1.126	1.186		5.33	20
Bromoform	0.229	0.219	0.1	-4.37	20
1,1,2,2-Tetrachloroethane	0.563	0.526	0.3	-6.57	20
1,2-Dichloroethane-d4	0.462	0.438		-5.2	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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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1851 SAS No.: Q1851 SDG No.: Q1851

Instrument ID: MSVOA_Y Calibration Date/Time: 04/23/2025 09:57

Lab File ID: VY021962.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.330	0.325		-1.51	20
Toluene-d8	1.245	1.266		1.69	20
4-Bromofluorobenzene	0.419	0.422		0.72	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\VY042125\
Data File : VY021948.D
Acq On : 21 Apr 2025 15:08
Operator : SY/MD
Sample : Q1851-05
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Quant Time: Apr 22 02:45:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	202834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	379948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	108735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104981	47.770	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.540%			
35) Dibromofluoromethane	7.640	113	124478	50.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.020%			
50) Toluene-d8	10.109	98	428087	45.656	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.320%			
62) 4-Bromofluorobenzene	12.408	95	118391	37.330	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 74.660%			

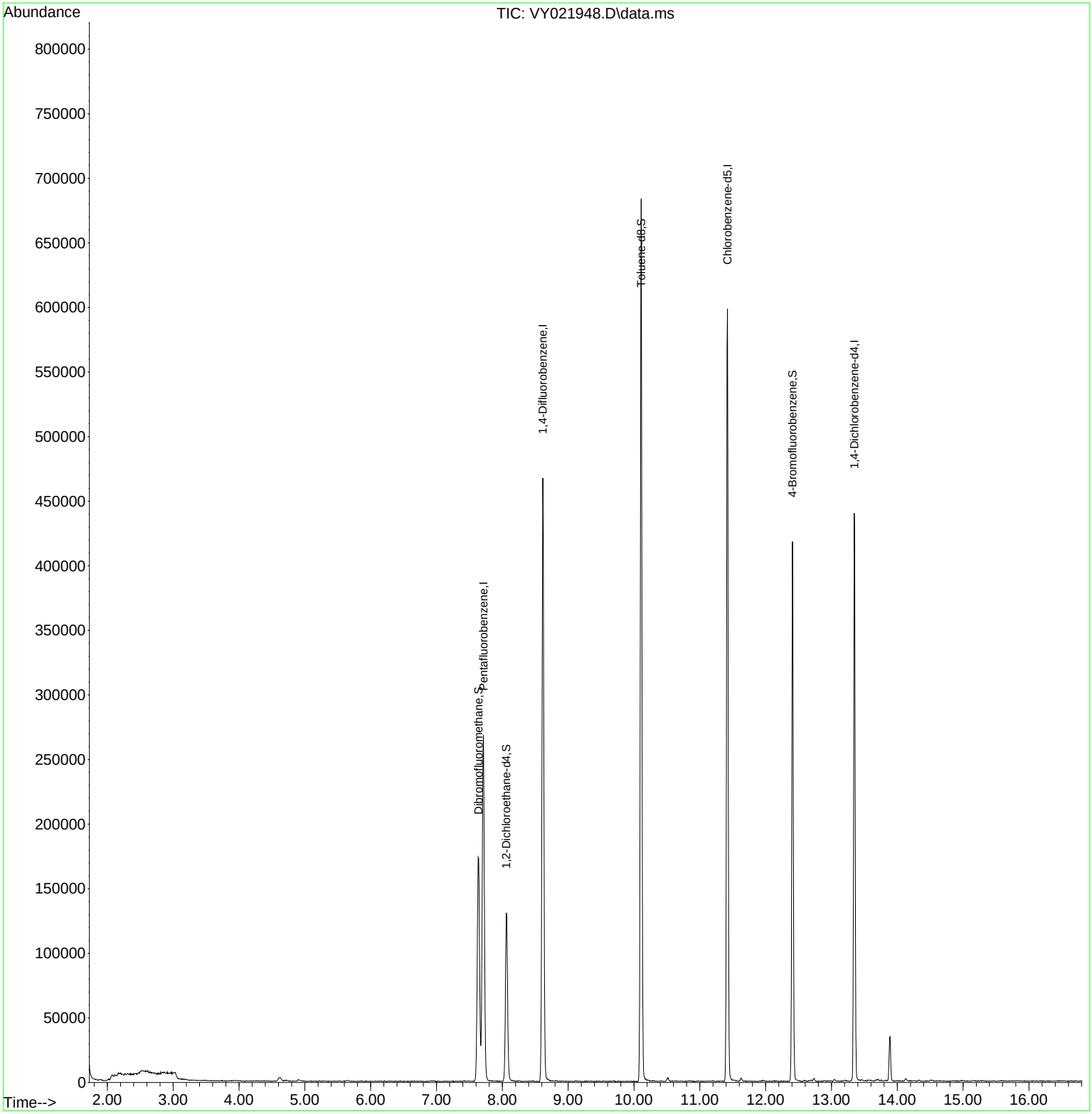
Target Compounds Qvalue

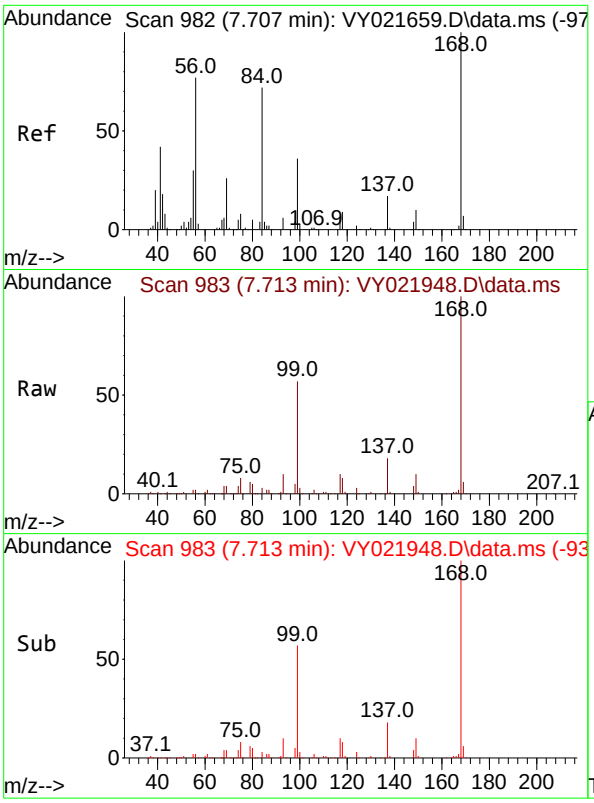
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021948.D
Acq On : 21 Apr 2025 15:08
Operator : SY/MD
Sample : Q1851-05
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Quant Time: Apr 22 02:45:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration



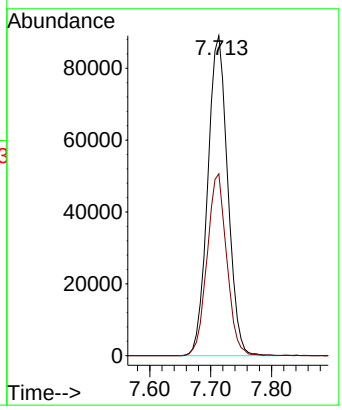


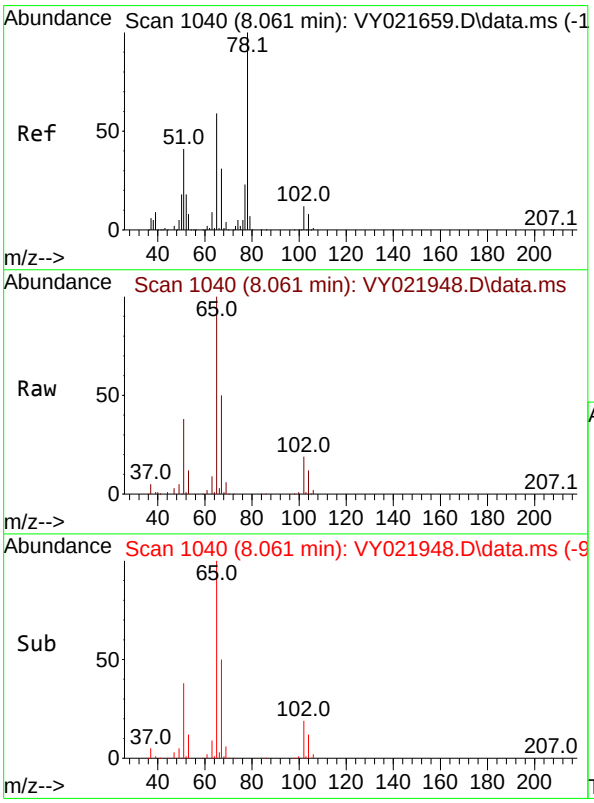
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Tgt Ion:168 Resp: 202834

Ion	Ratio	Lower	Upper
168	100		
99	56.9	46.7	70.1

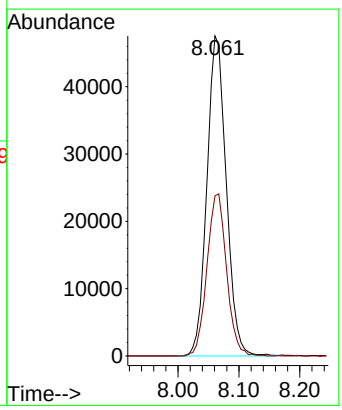


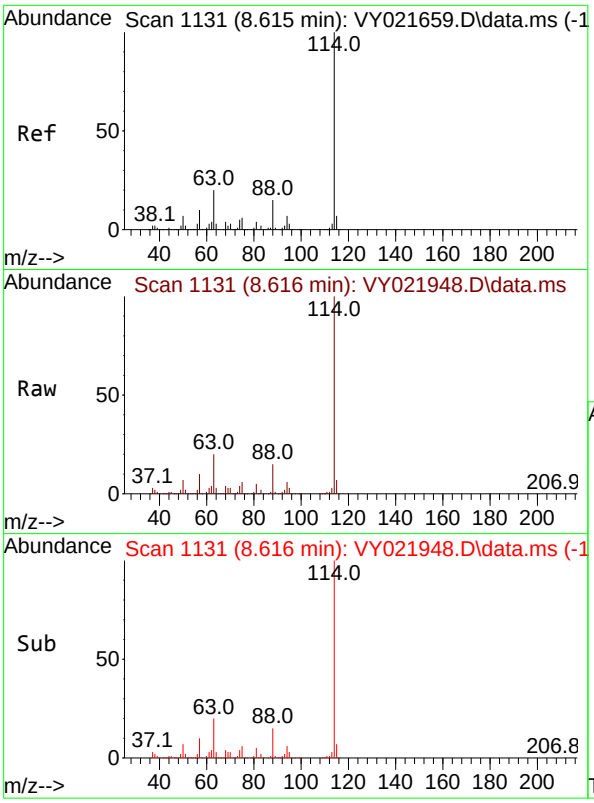


#33
1,2-Dichloroethane-d4
Concen: 47.770 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion: 65 Resp: 104981

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.6



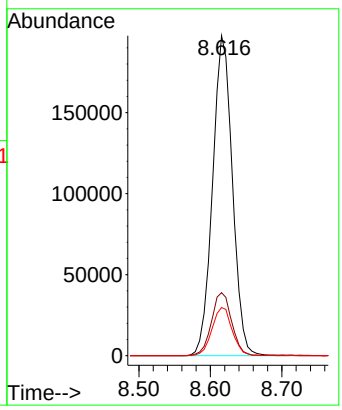


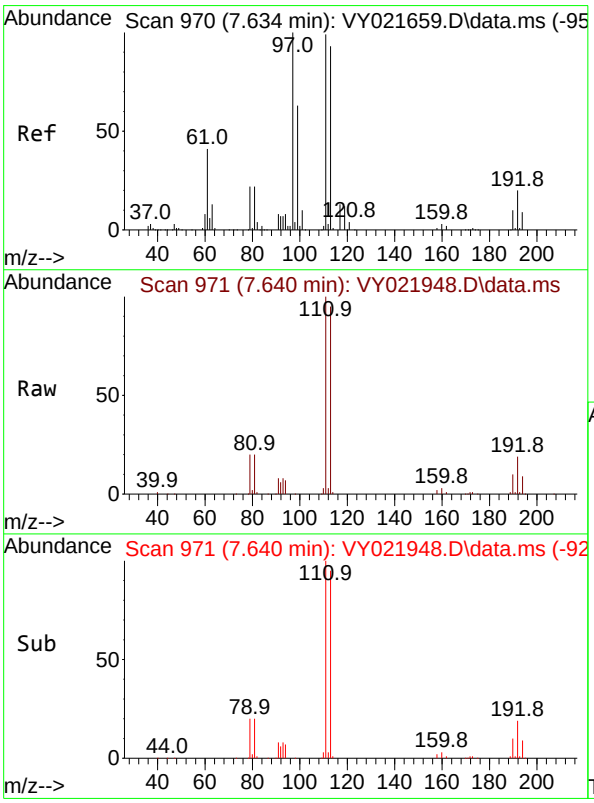
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Tgt Ion:114 Resp: 379948

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.2
88	15.0	0.0	29.8

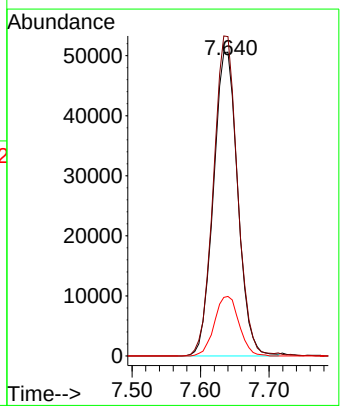


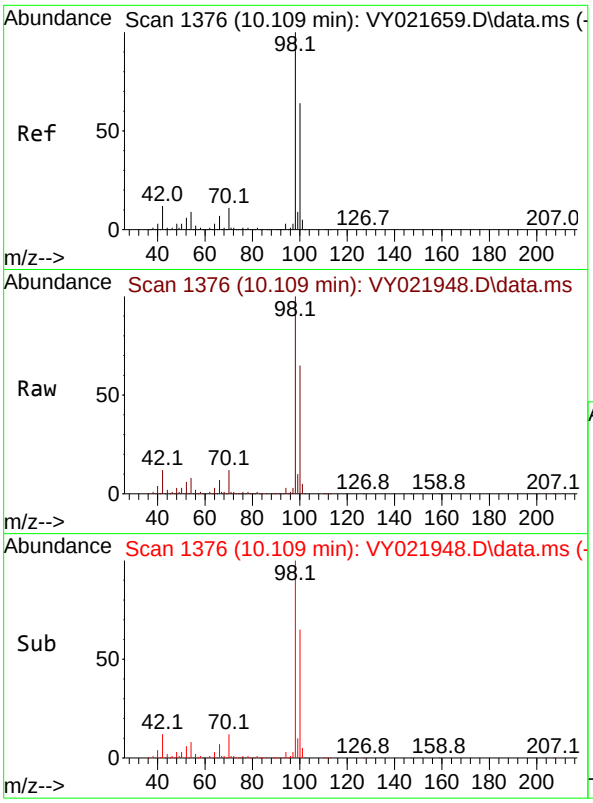


#35
Dibromofluoromethane
Concen: 50.505 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion:113 Resp: 124478

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	123.8
192	19.8	16.2	24.4



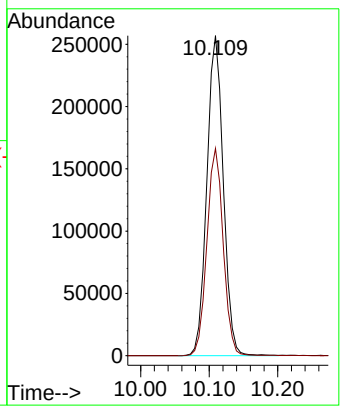


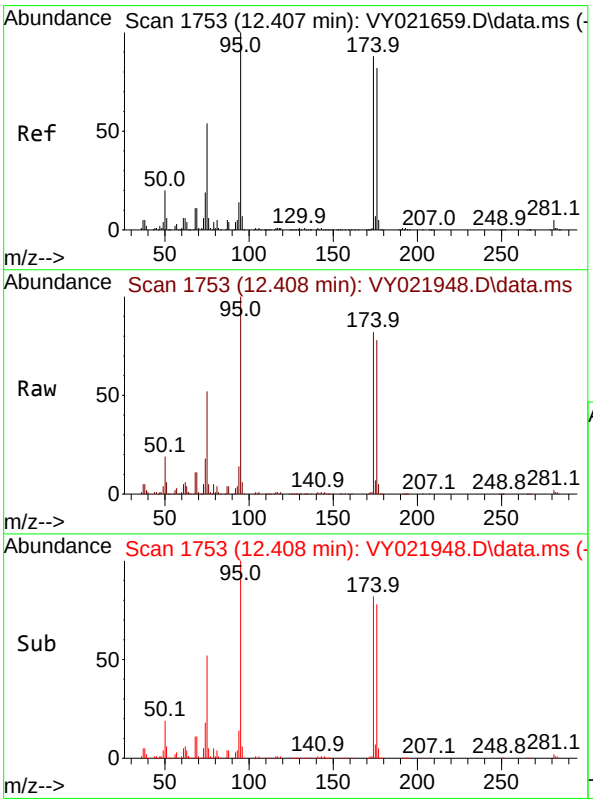
#50
Toluene-d8
Concen: 45.656 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Tgt Ion: 98 Resp: 428087

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1

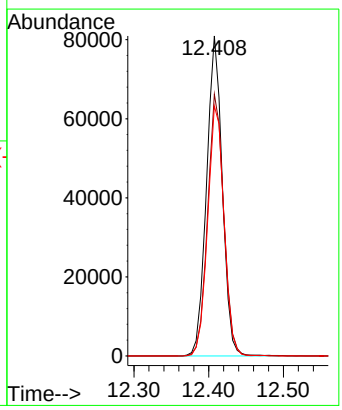


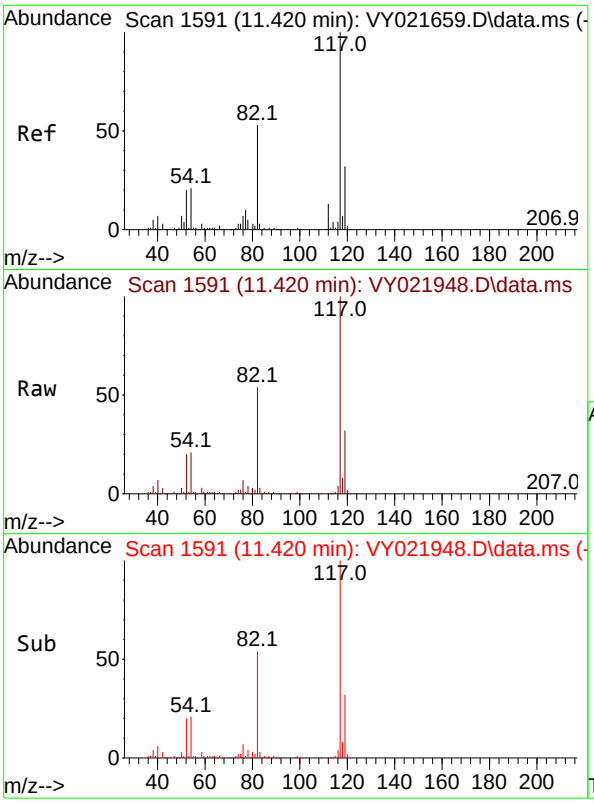


#62
4-Bromofluorobenzene
Concen: 37.330 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion: 95 Resp: 118391

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	170.8
176	81.0	0.0	162.0



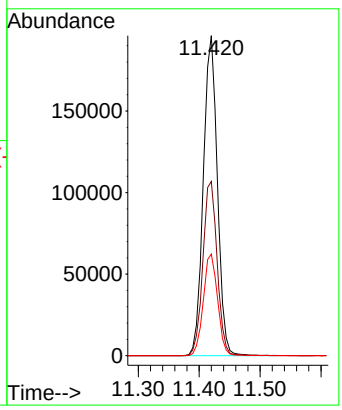


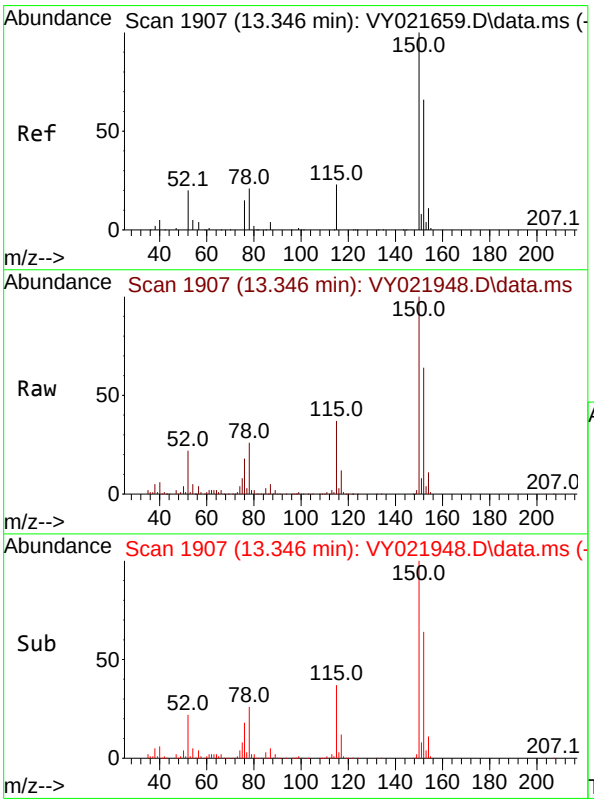
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Tgt Ion:117 Resp: 314728

Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.8	64.2
119	31.8	25.7	38.5

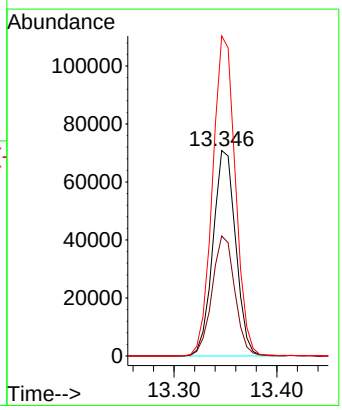




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion:152 Resp: 108735

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.5
150	156.5	0.0	348.4



Sample Results: **VY021948.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021948.D
Acq On : 21 Apr 2025 15:08
Operator : SY/MD
Sample : Q1851-05
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP5

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\82Y032725S.M
Title : SW846 8260

Signal : TIC: VY021948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	958	970	976	rBV	173631	423405	36.81%	7.376%
2	7.713	976	983	994	rVB	267484	616717	53.62%	10.743%
3	8.061	1031	1040	1052	rBV	130390	294819	25.63%	5.136%
4	8.616	1122	1131	1141	rBV	467153	900407	78.28%	15.685%
5	10.109	1368	1376	1386	rBV	683464	1150252	100.00%	20.037%
6	11.420	1582	1591	1601	rBV	598334	981436	85.32%	17.096%
7	12.408	1744	1753	1769	rBV	417884	645605	56.13%	11.246%
8	13.346	1900	1907	1917	rBV	439138	670003	58.25%	11.671%
9	13.889	1990	1996	2005	rVB2	34313	57980	5.04%	1.010%

Sum of corrected areas: 5740624

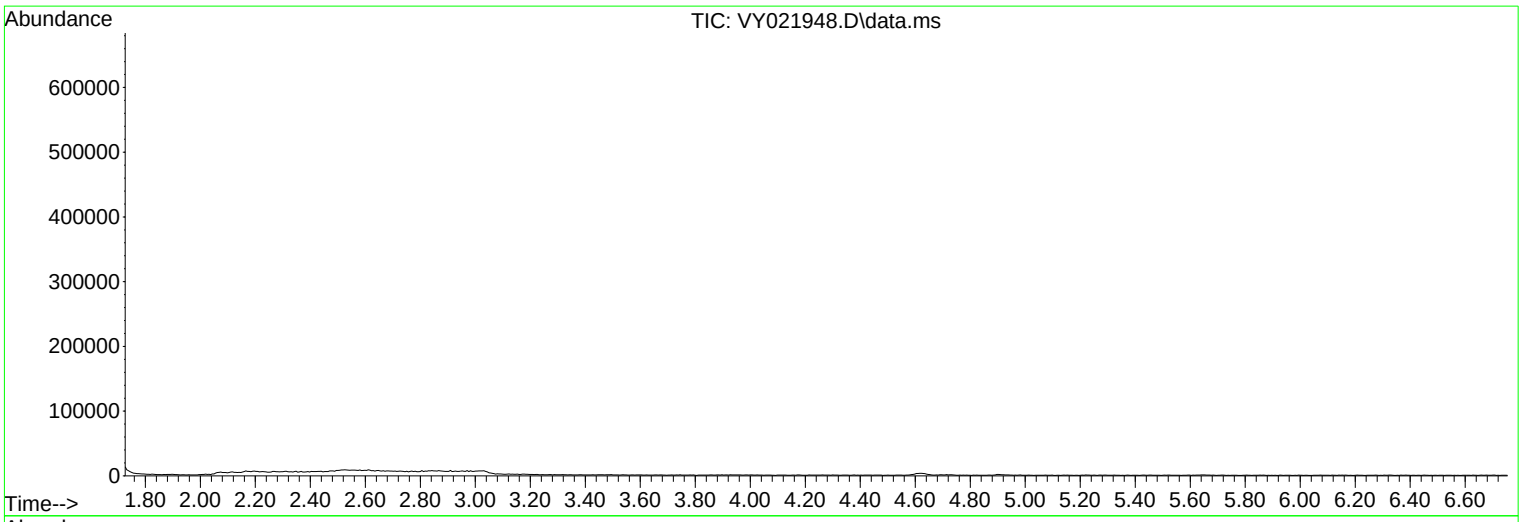
Sample Results: **VY021948.D**

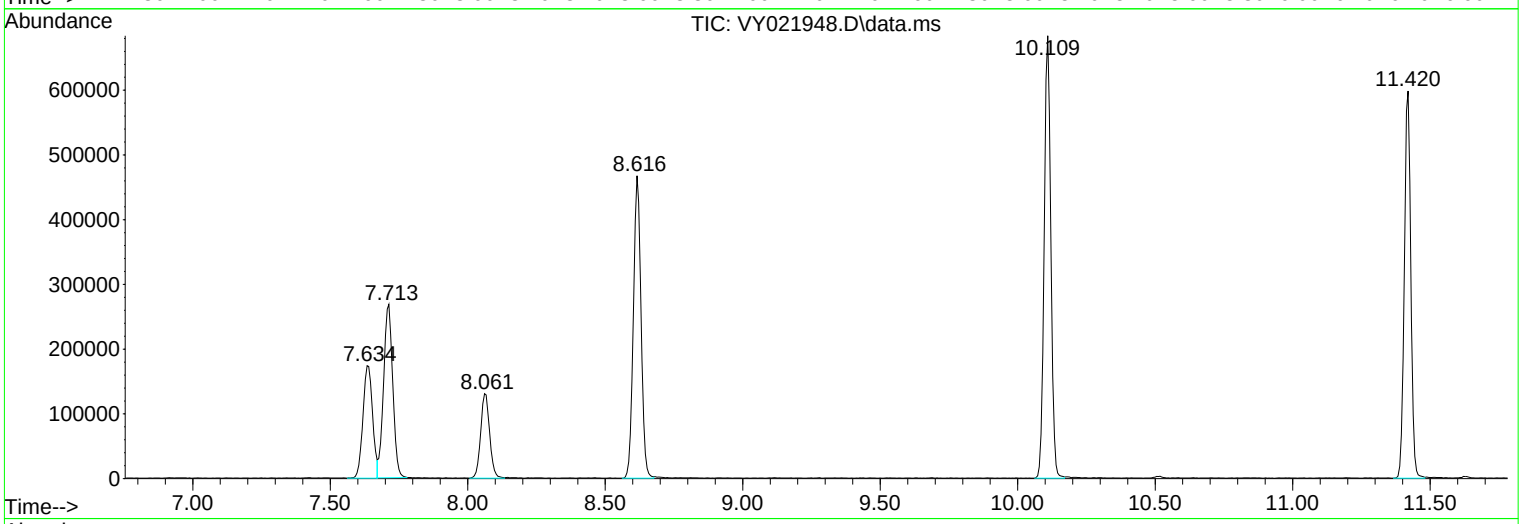
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021948.D
Acq On : 21 Apr 2025 15:08
Operator : SY/MD
Sample : Q1851-05
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

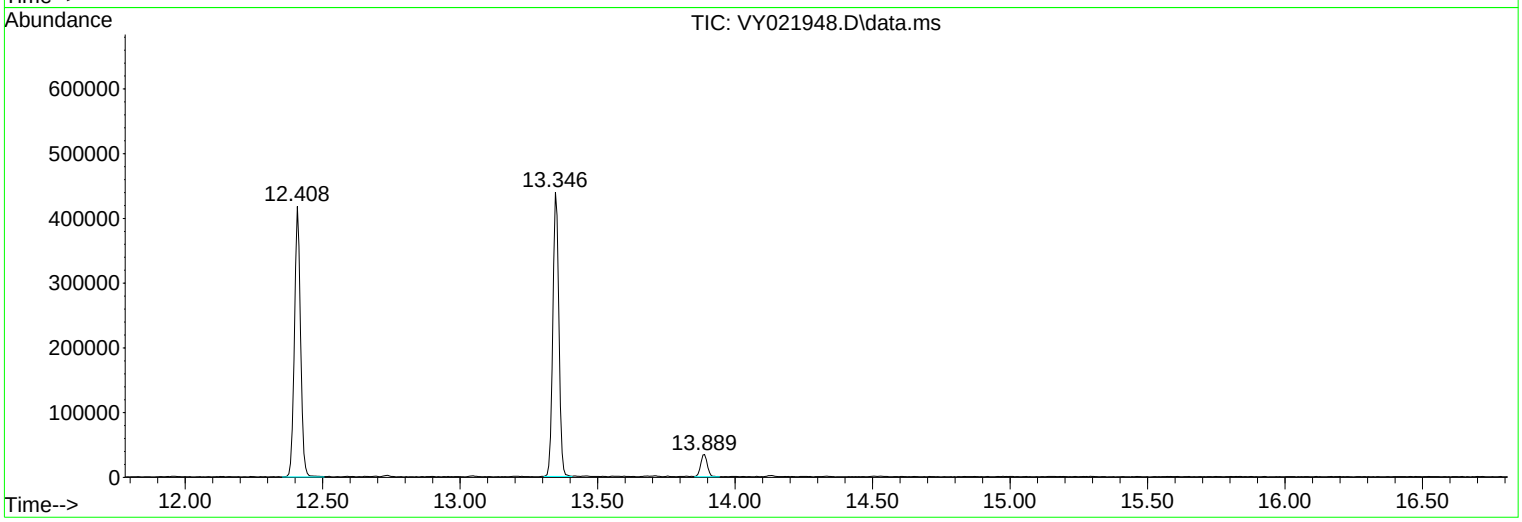
Instrument :
MSVOA_Y
ClientSampleId :
GP5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY021948.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021948.D
Acq On : 21 Apr 2025 15:08
Operator : SY/MD
Sample : Q1851-05
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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\VY042125\
Data File : VY021948.D
Acq On : 21 Apr 2025 15:08
Operator : SY/MD
Sample : Q1851-05
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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\VY042325\
Data File : VY021967.D
Acq On : 23 Apr 2025 13:29
Operator : SY/MD
Sample : Q1851-06
Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Quant Time: Apr 24 03:45:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	325896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	599246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	448094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137801	45.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.560%			
35) Dibromofluoromethane	7.634	113	192150	48.536	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.080%			
50) Toluene-d8	10.109	98	694117	46.506	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.020%			
62) 4-Bromofluorobenzene	12.408	95	140919	28.047	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 56.100%			

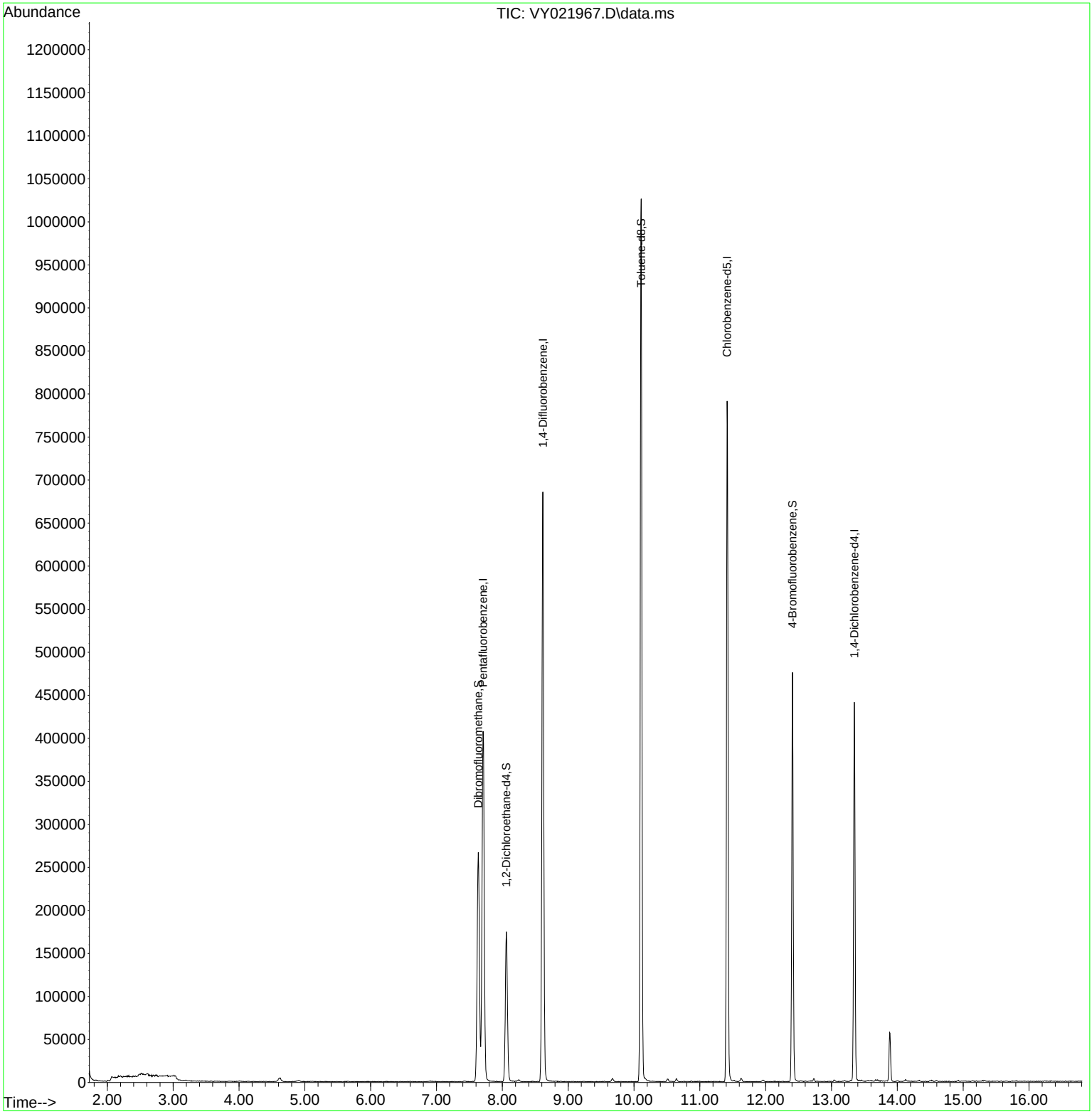
Target Compounds Qvalue

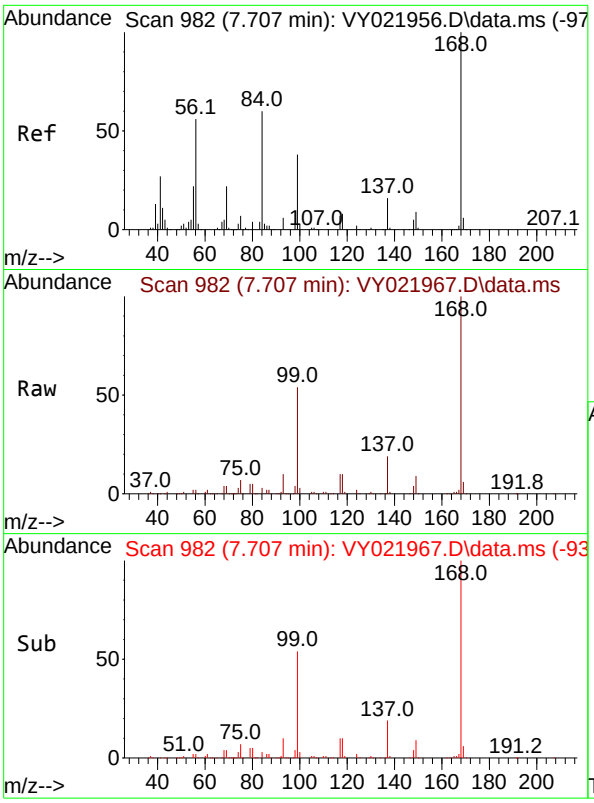
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021967.D
Acq On : 23 Apr 2025 13:29
Operator : SY/MD
Sample : Q1851-06
Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Quant Time: Apr 24 03:45:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



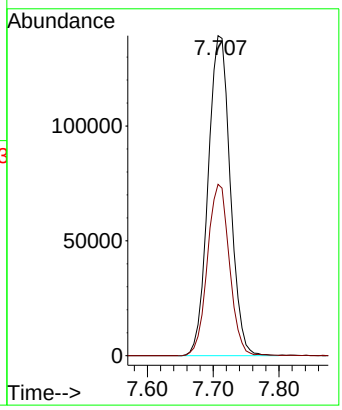


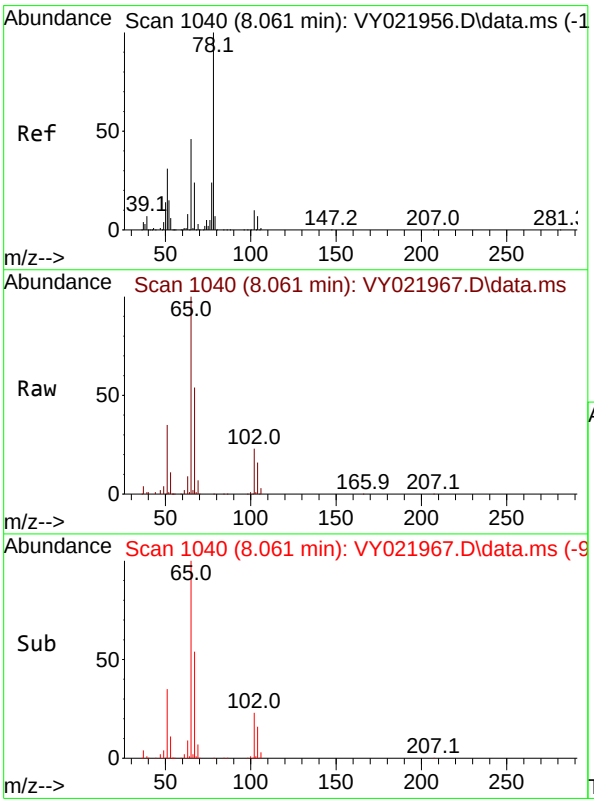
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Tgt Ion:168 Resp: 325896

Ion	Ratio	Lower	Upper
168	100		
99	53.5	43.1	64.7

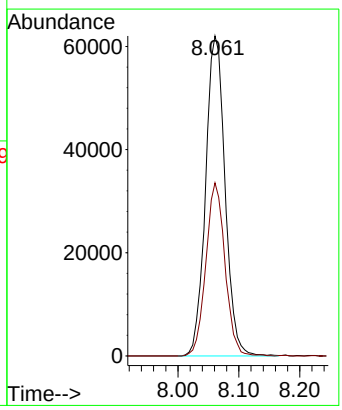


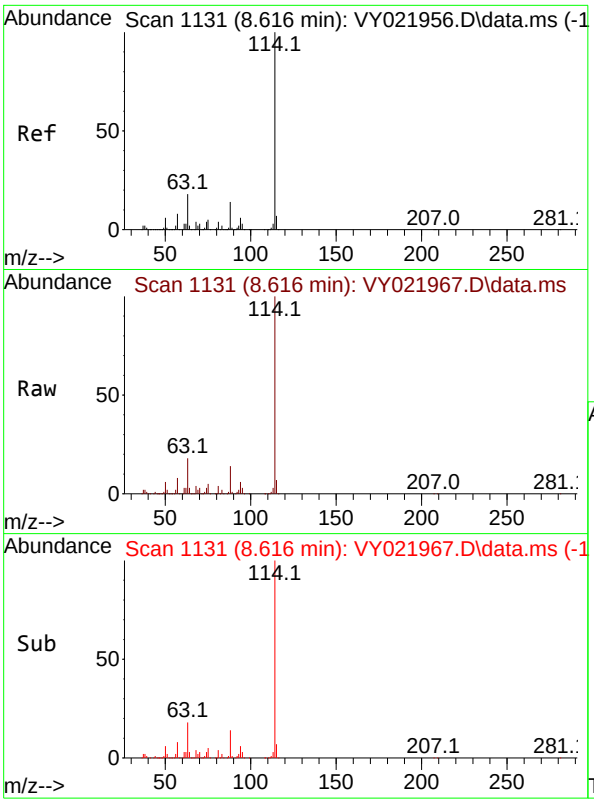


#33
1,2-Dichloroethane-d4
Concen: 45.777 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion: 65 Resp: 137801

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8



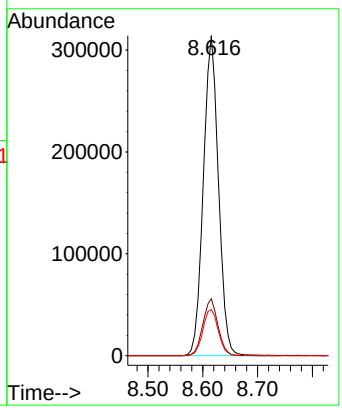


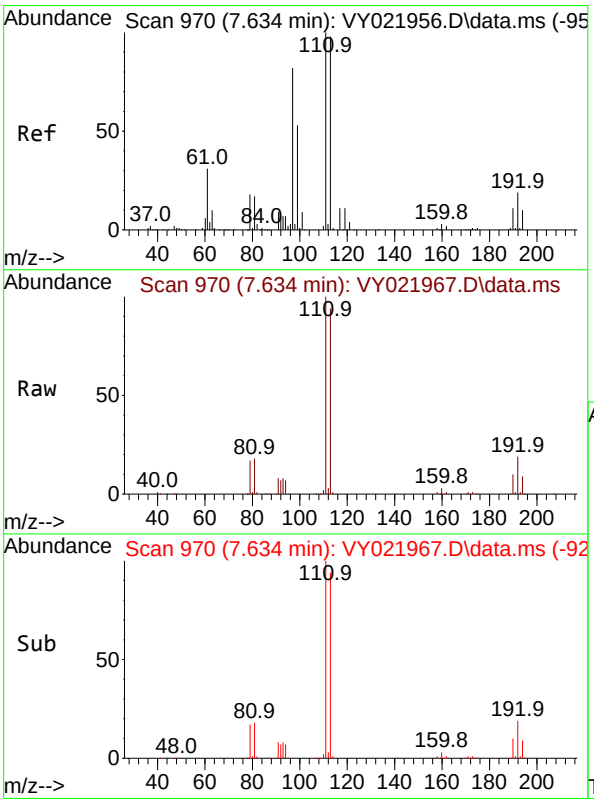
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Tgt Ion:114 Resp: 599246

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.4
88	14.4	0.0	28.2

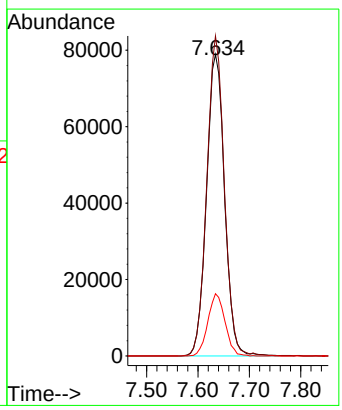


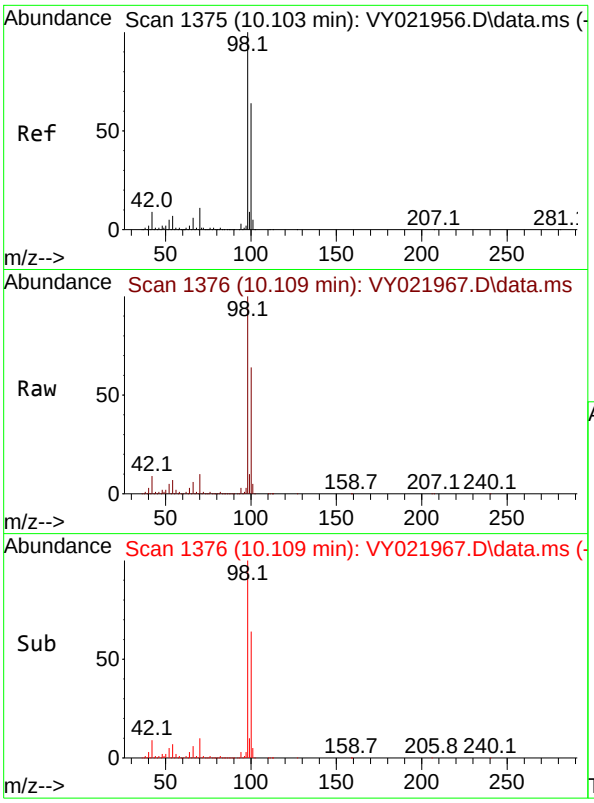


#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion:113 Resp: 192150

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	19.7	15.6	23.4



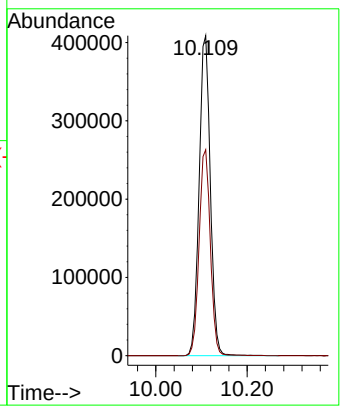


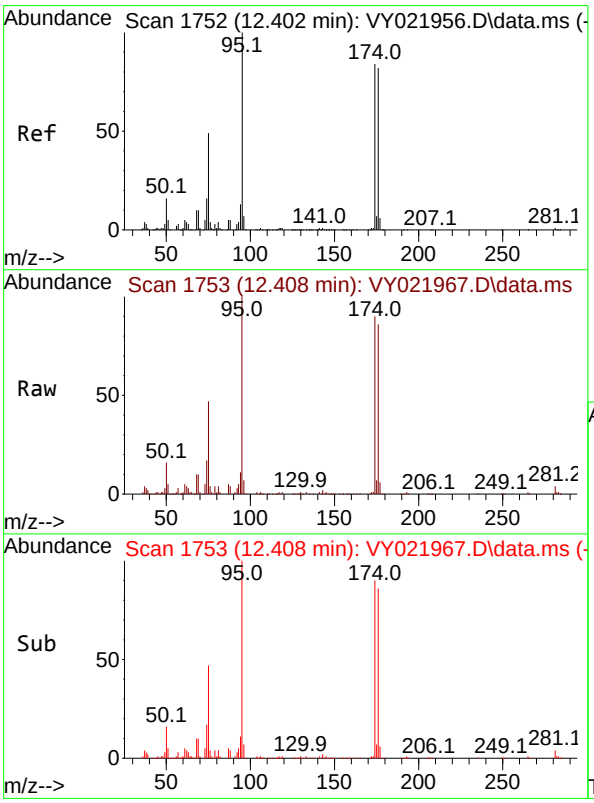
#50
Toluene-d8
Concen: 46.506 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Tgt Ion: 98 Resp: 694117

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4

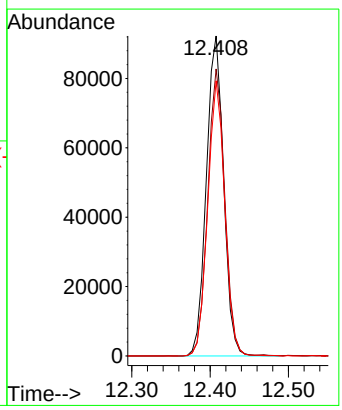


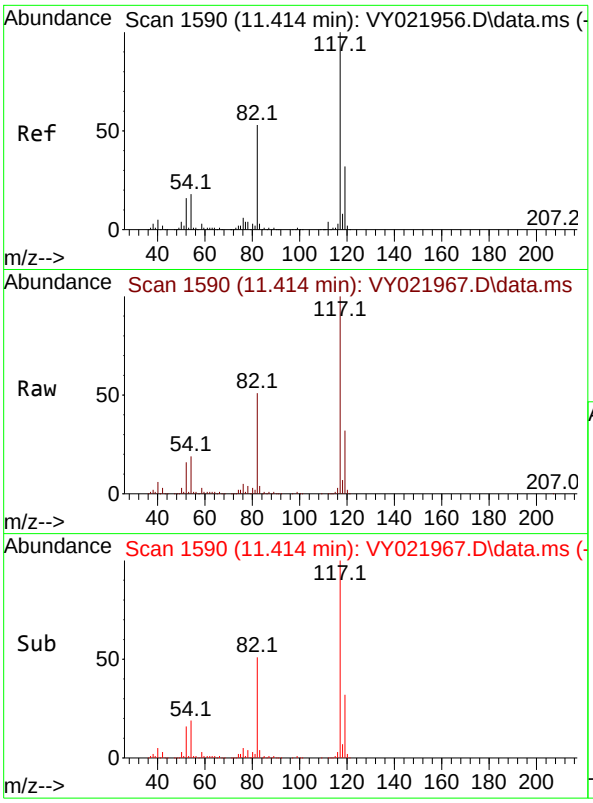


#62
4-Bromofluorobenzene
Concen: 28.047 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion: 95 Resp: 140919

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	179.0
176	85.0	0.0	171.8



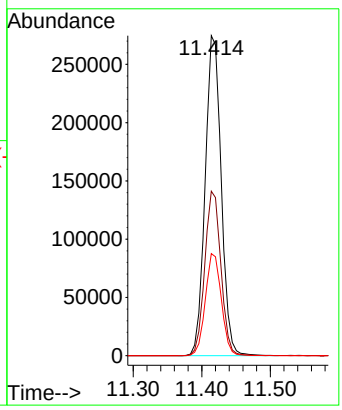


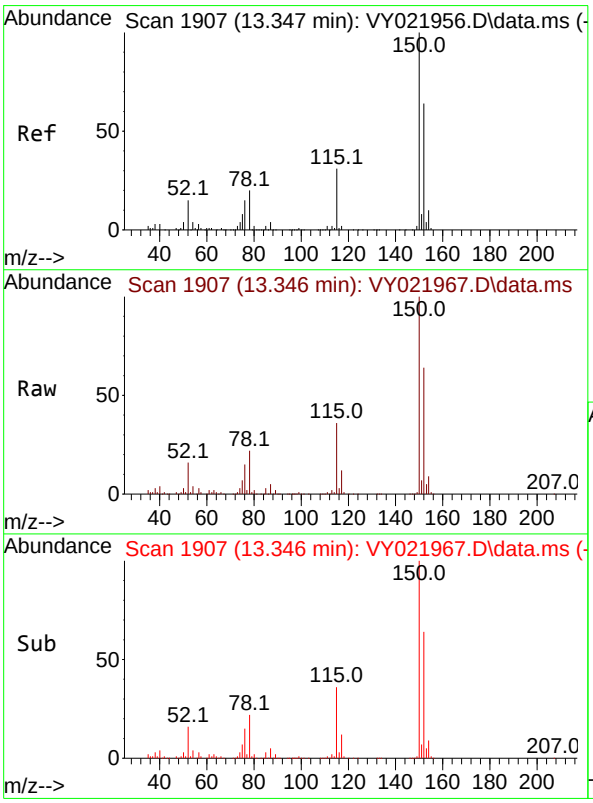
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Tgt Ion:117 Resp: 448094

Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.1	63.1
119	31.9	25.7	38.5

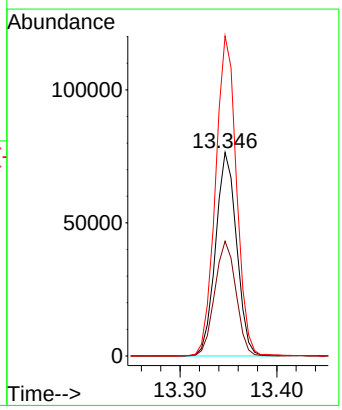




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021967.D
Acq: 23 Apr 2025 13:29

Tgt Ion:152 Resp: 115067

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.0	84.0
150	157.0	0.0	345.6



Sample Results: **VY021967.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021967.D
Acq On : 23 Apr 2025 13:29
Operator : SY/MD
Sample : Q1851-06
Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP6

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\82Y042225S.M
Title : SW846 8260

Signal : TIC: VY021967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	958	970	976	rBV	266433	637865	36.17%	8.110%
2	7.707	976	982	999	rVB	406783	946861	53.69%	12.039%
3	8.061	1030	1040	1054	rBV	174302	389106	22.06%	4.947%
4	8.616	1121	1131	1147	rBV	685471	1322888	75.01%	16.820%
5	10.109	1368	1376	1393	rBV	1025917	1763708	100.00%	22.425%
6	11.414	1583	1590	1604	rBV	790877	1296996	73.54%	16.491%
7	12.408	1744	1753	1767	rBV	475474	746907	42.35%	9.497%
8	13.346	1900	1907	1914	rBV	439642	664933	37.70%	8.454%
9	13.883	1990	1995	2004	rVB2	56991	95581	5.42%	1.215%

Sum of corrected areas: 7864845

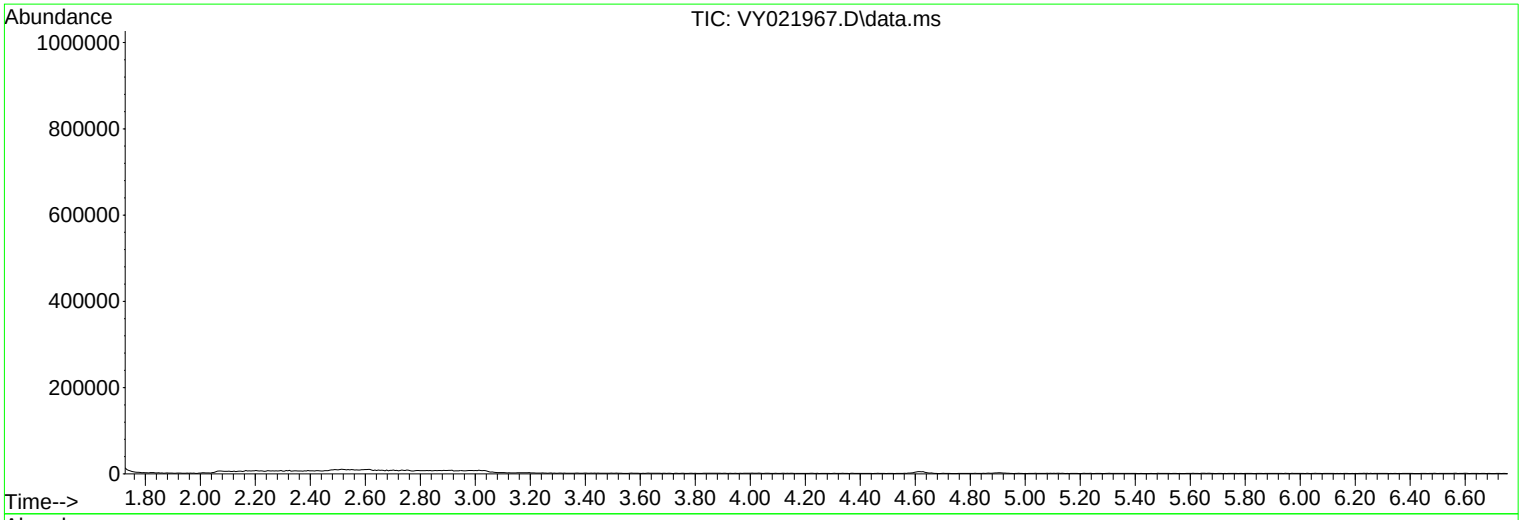
Sample Results: **VY021967.D**

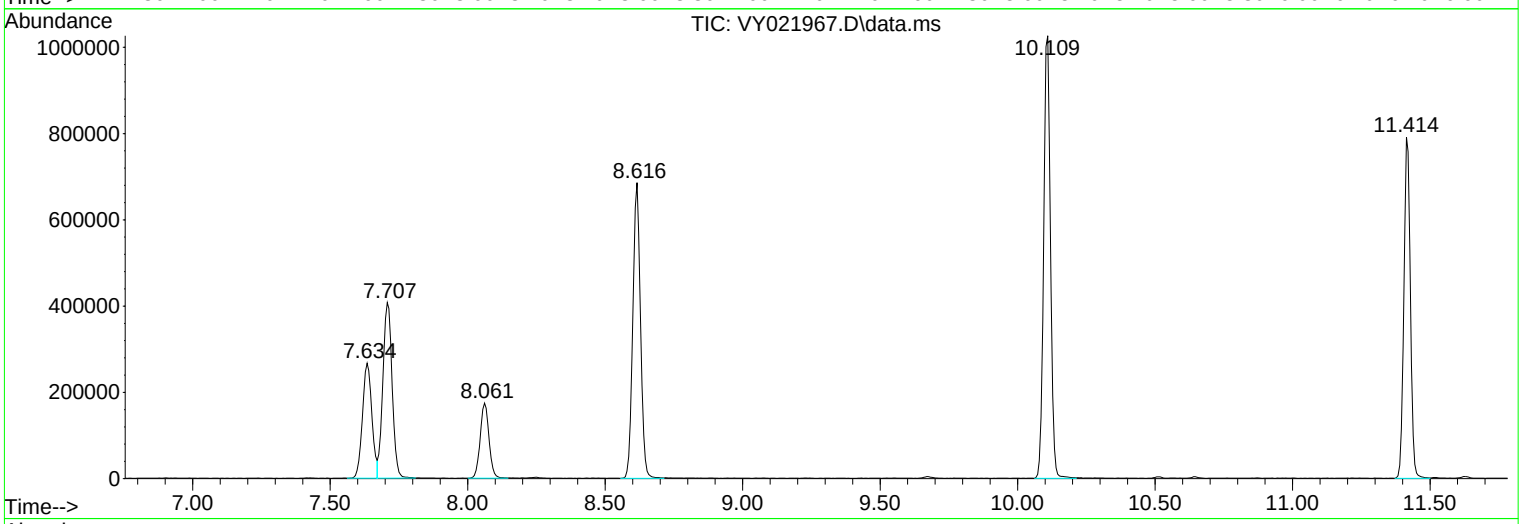
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021967.D
Acq On : 23 Apr 2025 13:29
Operator : SY/MD
Sample : Q1851-06
Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

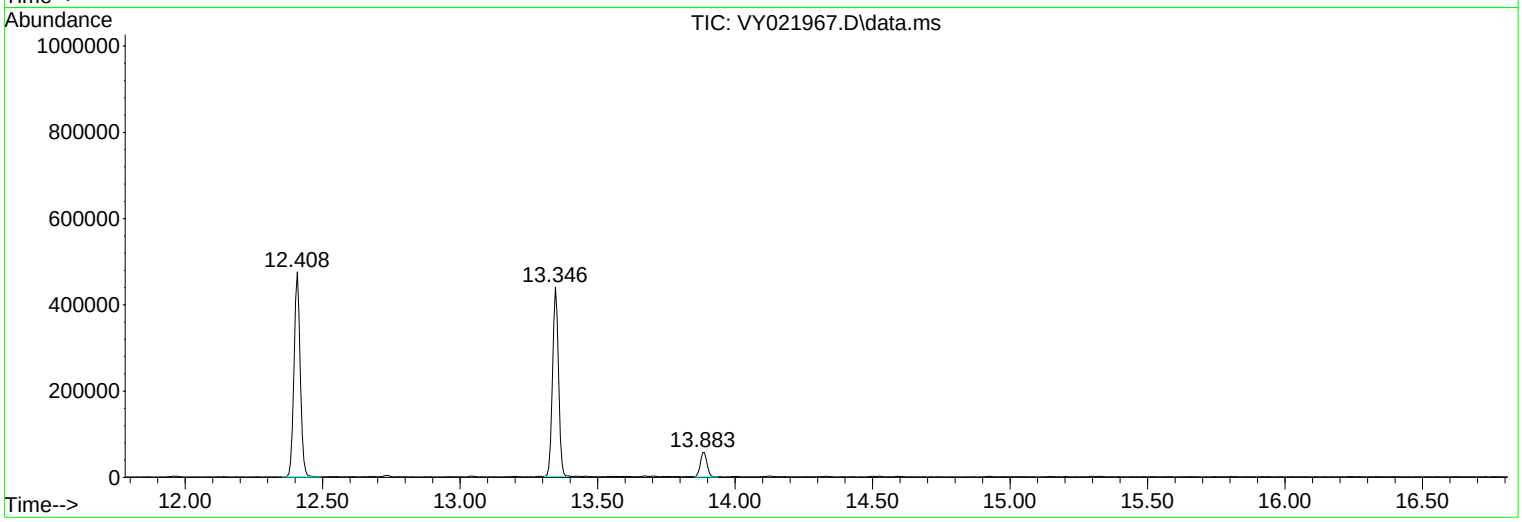
Instrument :
MSVOA_Y
ClientSampleId :
GP6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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







Sample Results: **VY021967.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021967.D
Acq On : 23 Apr 2025 13:29
Operator : SY/MD
Sample : Q1851-06
Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.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\VY042325\
Data File : VY021967.D
Acq On : 23 Apr 2025 13:29
Operator : SY/MD
Sample : Q1851-06
Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.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\VY042125\
Data File : VY021950.D
Acq On : 21 Apr 2025 15:54
Operator : SY/MD
Sample : Q1851-07
Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Quant Time: Apr 22 02:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	209157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	398558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	345335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122099	53.879	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.760%			
35) Dibromofluoromethane	7.634	113	133521	51.645	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.280%			
50) Toluene-d8	10.109	98	484652	49.276	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.560%			
62) 4-Bromofluorobenzene	12.407	95	129483	38.921	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.840%			

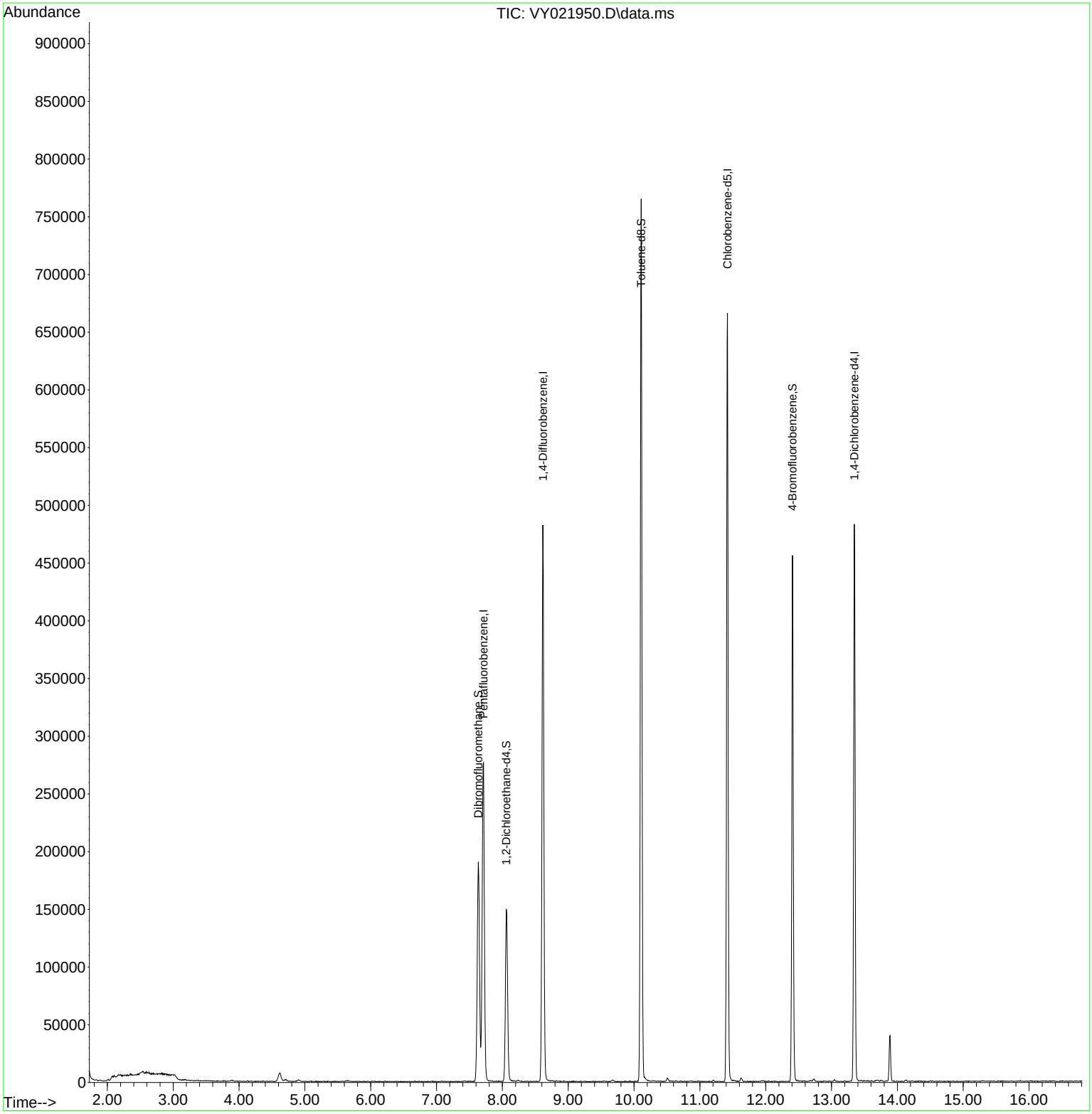
Target Compounds Qvalue

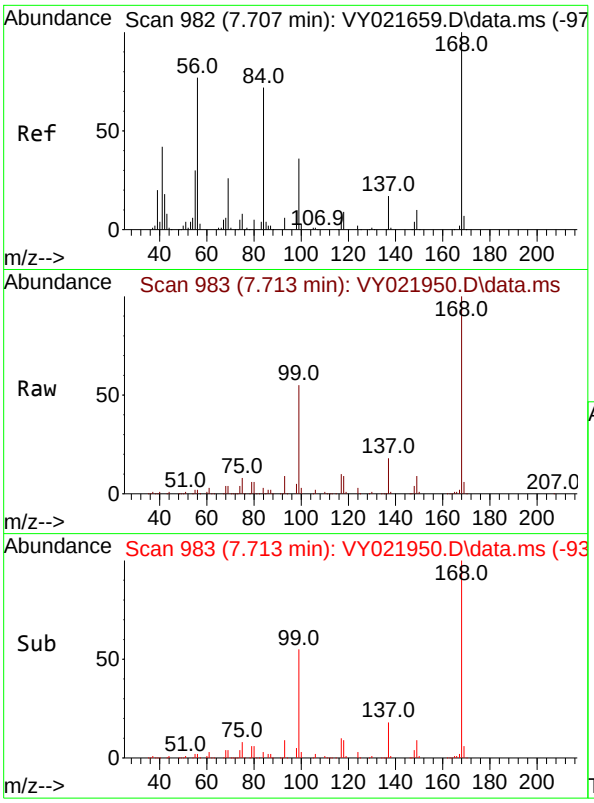
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021950.D
Acq On : 21 Apr 2025 15:54
Operator : SY/MD
Sample : Q1851-07
Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Quant Time: Apr 22 02:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration



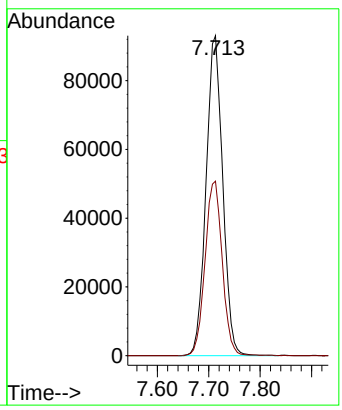


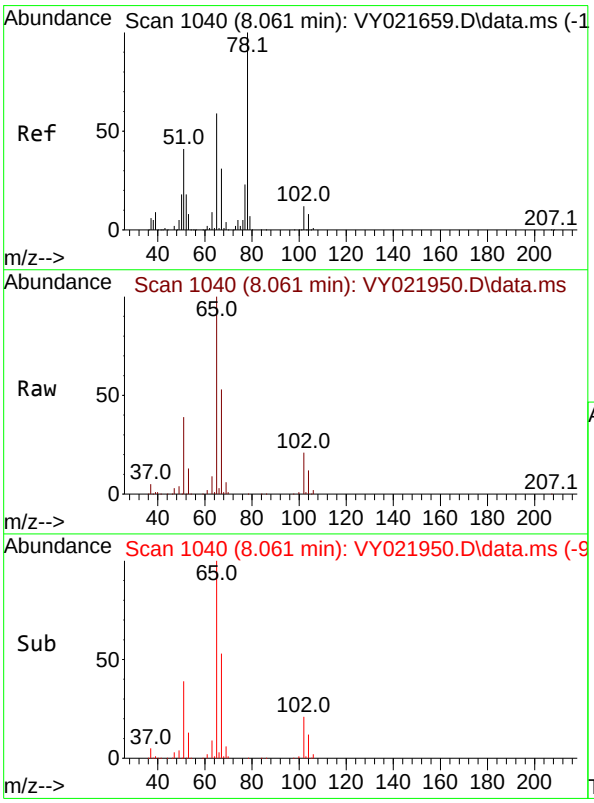
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Tgt Ion:168 Resp: 209157

Ion	Ratio	Lower	Upper
168	100		
99	54.6	46.7	70.1

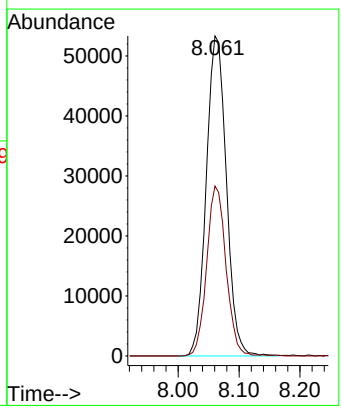


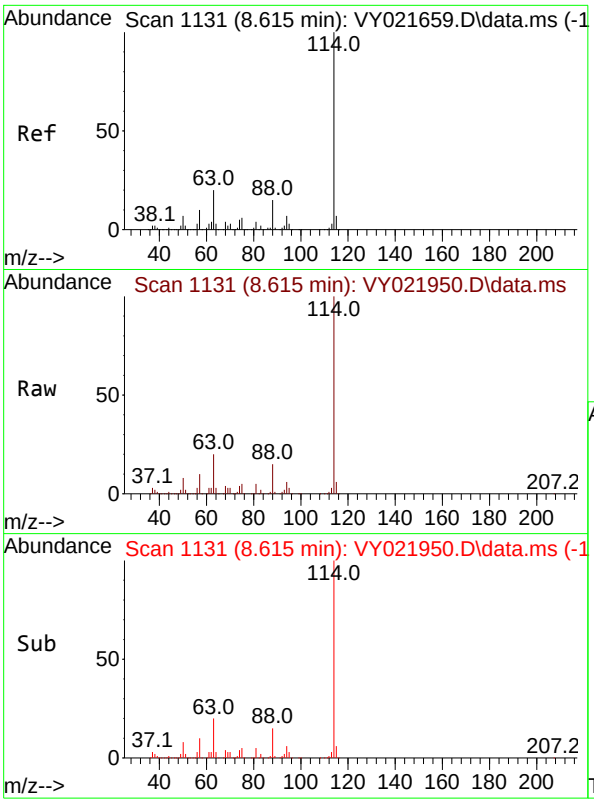


#33
1,2-Dichloroethane-d4
Concen: 53.879 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Tgt Ion: 65 Resp: 122099

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.6



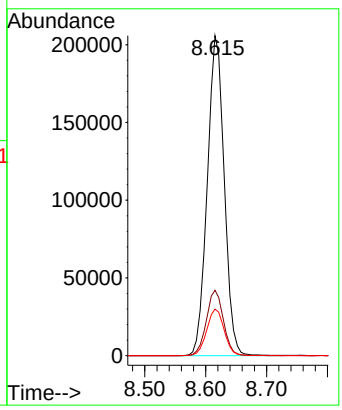


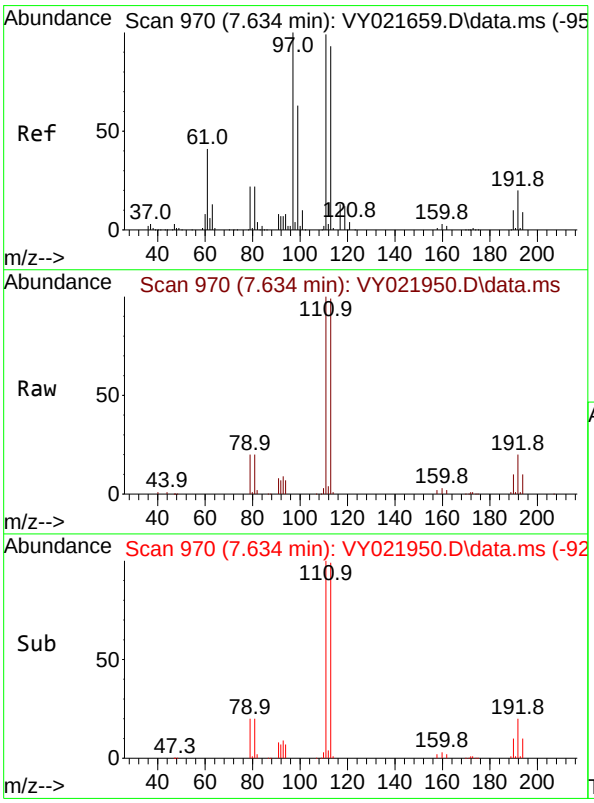
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Tgt Ion:114 Resp: 398558

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.2
88	14.6	0.0	29.8

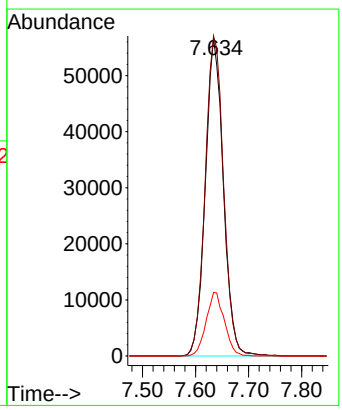


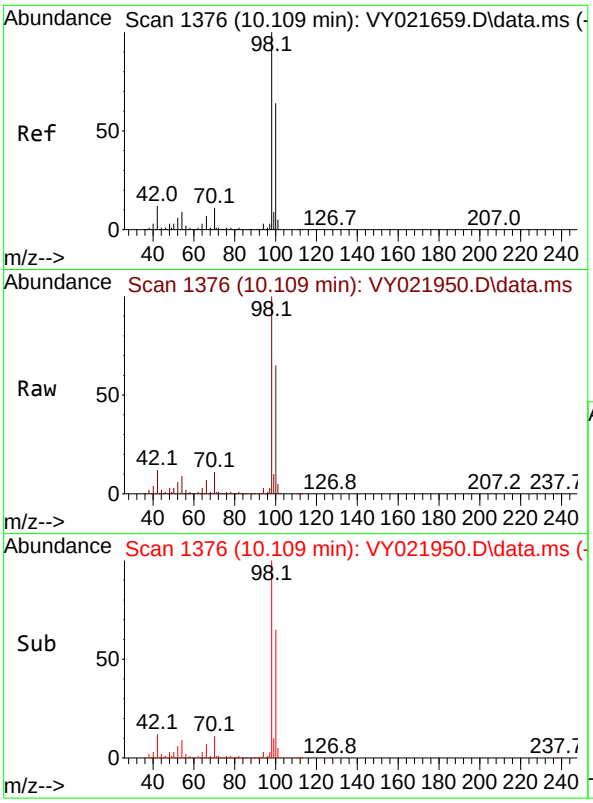


#35
Dibromofluoromethane
Concen: 51.645 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Tgt Ion:113 Resp: 133521

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	20.2	16.2	24.4



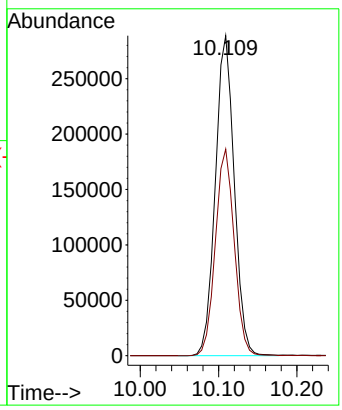


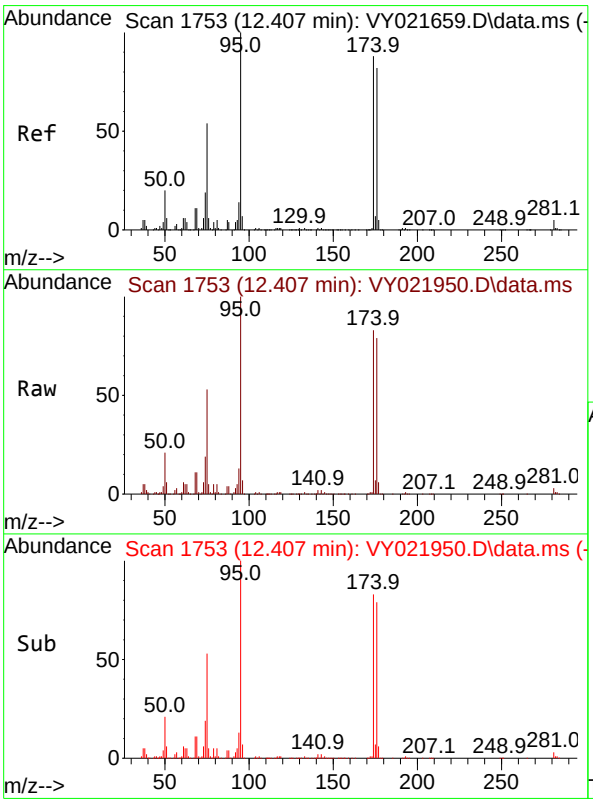
#50
Toluene-d8
Concen: 49.276 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Tgt Ion: 98 Resp: 484652

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1

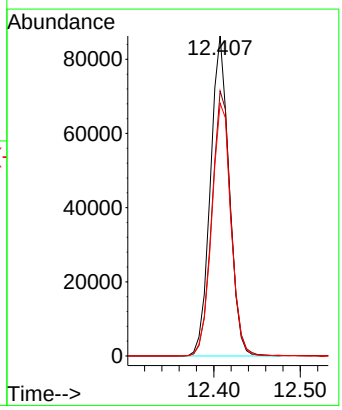


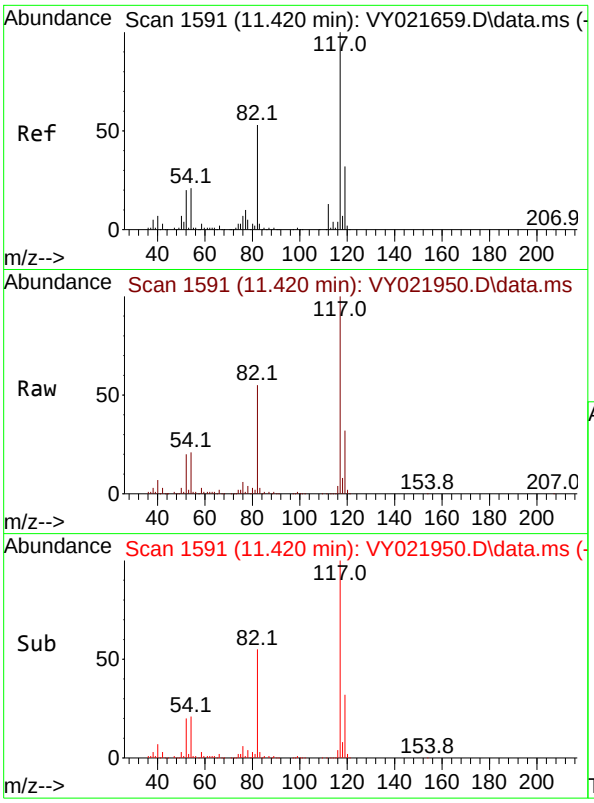


#62
4-Bromofluorobenzene
Concen: 38.921 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Tgt Ion: 95 Resp: 129483

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	170.8
176	81.2	0.0	162.0



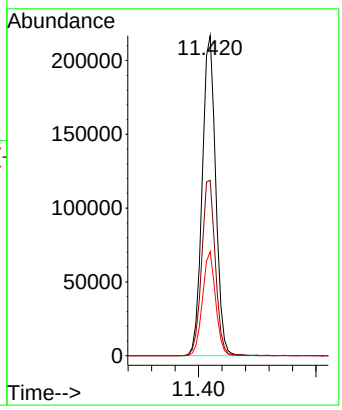


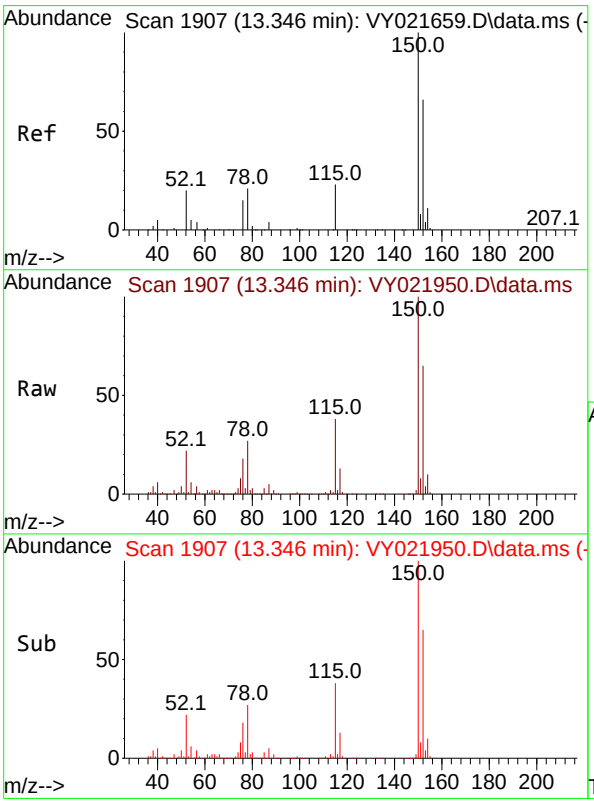
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Tgt Ion:117 Resp: 345335

Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.8	64.2
119	32.5	25.7	38.5

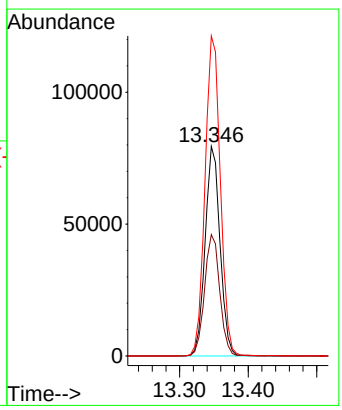




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021950.D
Acq: 21 Apr 2025 15:54

Tgt Ion:152 Resp: 119952

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.8	86.5
150	157.1	0.0	348.4



Sample Results: **VY021950.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021950.D
Acq On : 21 Apr 2025 15:54
Operator : SY/MD
Sample : Q1851-07
Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP7

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\82Y032725S.M
Title : SW846 8260

Signal : TIC: VY021950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	464	476	485	rBV3	7443	24051	1.85%	0.382%
2	7.634	960	970	976	rBV2	190065	452387	34.86%	7.190%
3	7.713	976	983	996	rVB	275756	641386	49.43%	10.194%
4	8.061	1031	1040	1052	rBV	149445	341010	26.28%	5.420%
5	8.615	1122	1131	1146	rBV	481839	941755	72.58%	14.968%
6	10.109	1368	1376	1384	rBV	764577	1297601	100.00%	20.624%
7	11.420	1583	1591	1602	rBV	665624	1074194	82.78%	17.073%
8	12.407	1745	1753	1763	rBV	456027	714399	55.06%	11.354%
9	13.346	1900	1907	1919	rVB	482397	742448	57.22%	11.800%
10	13.889	1989	1996	2002	rBV2	39259	62619	4.83%	0.995%

Sum of corrected areas: 6291850

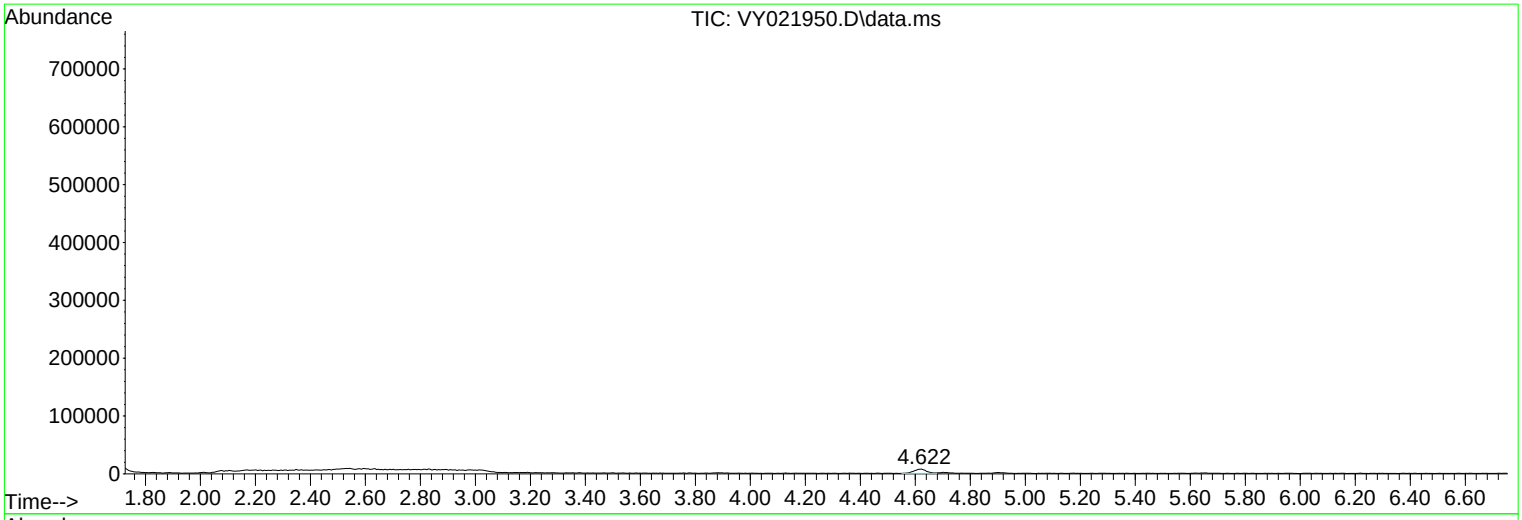
Sample Results: **VY021950.D**

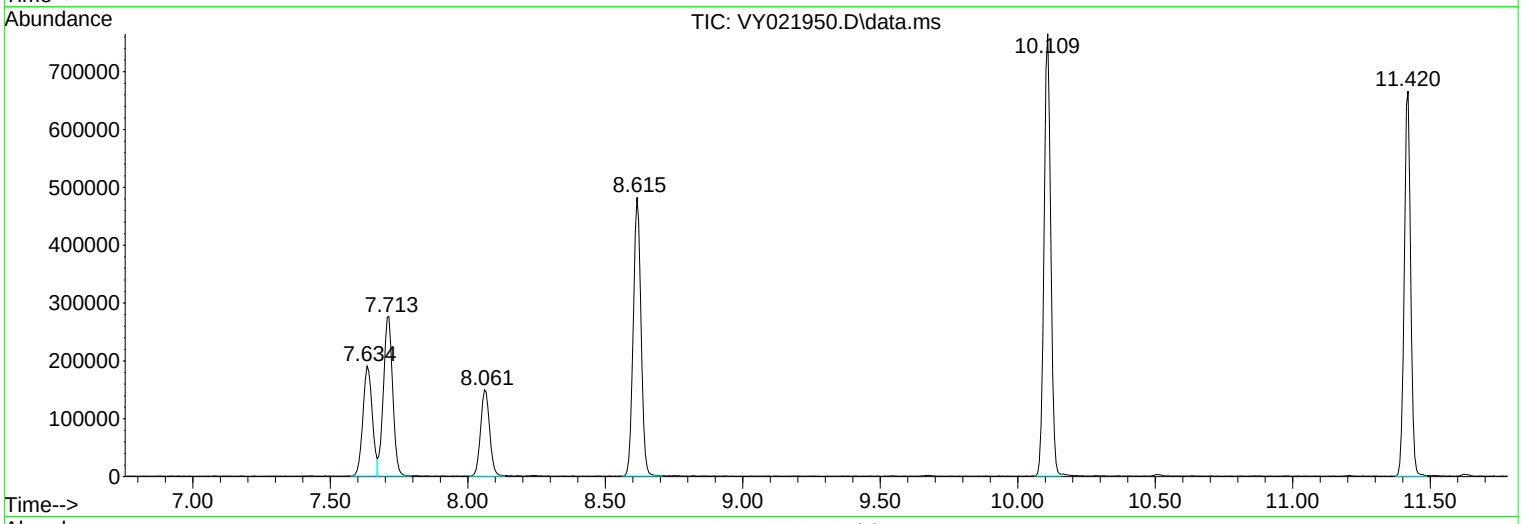
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021950.D
Acq On : 21 Apr 2025 15:54
Operator : SY/MD
Sample : Q1851-07
Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

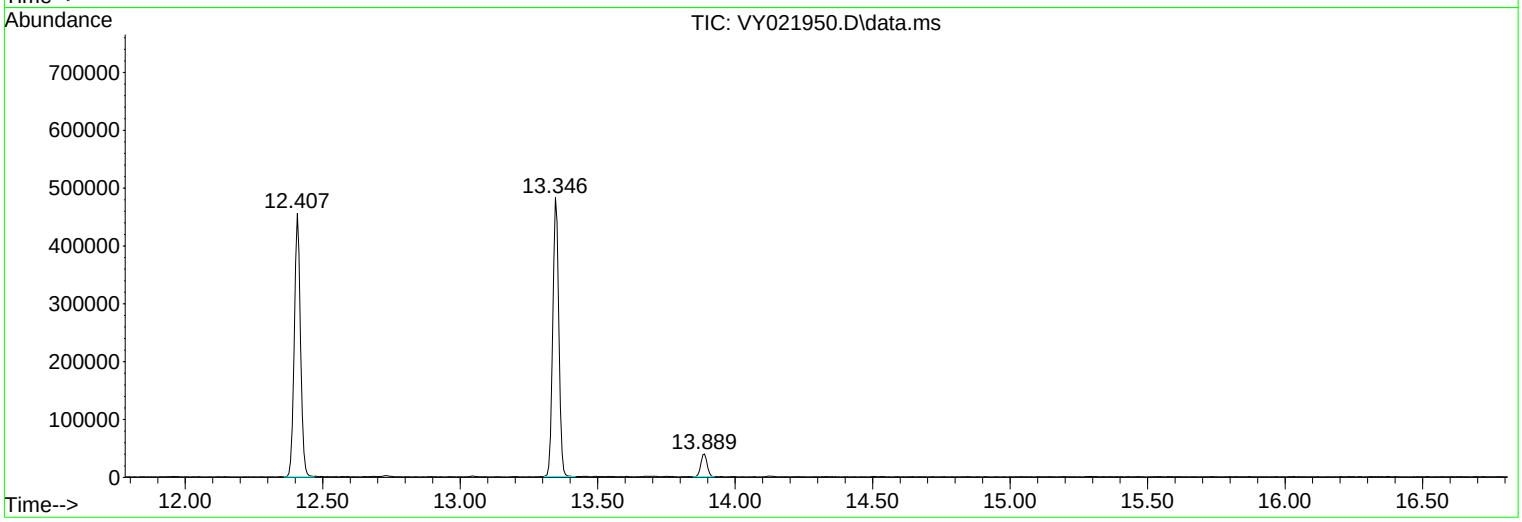
Instrument :
MSVOA_Y
ClientSampleId :
GP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY021950.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021950.D
Acq On : 21 Apr 2025 15:54
Operator : SY/MD
Sample : Q1851-07
Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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\VY042125\
Data File : VY021950.D
Acq On : 21 Apr 2025 15:54
Operator : SY/MD
Sample : Q1851-07
Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021936.D
Acq On : 21 Apr 2025 09:42
Operator : SY/MD
Sample : VY0421SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Quant Time: Apr 22 02:43:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

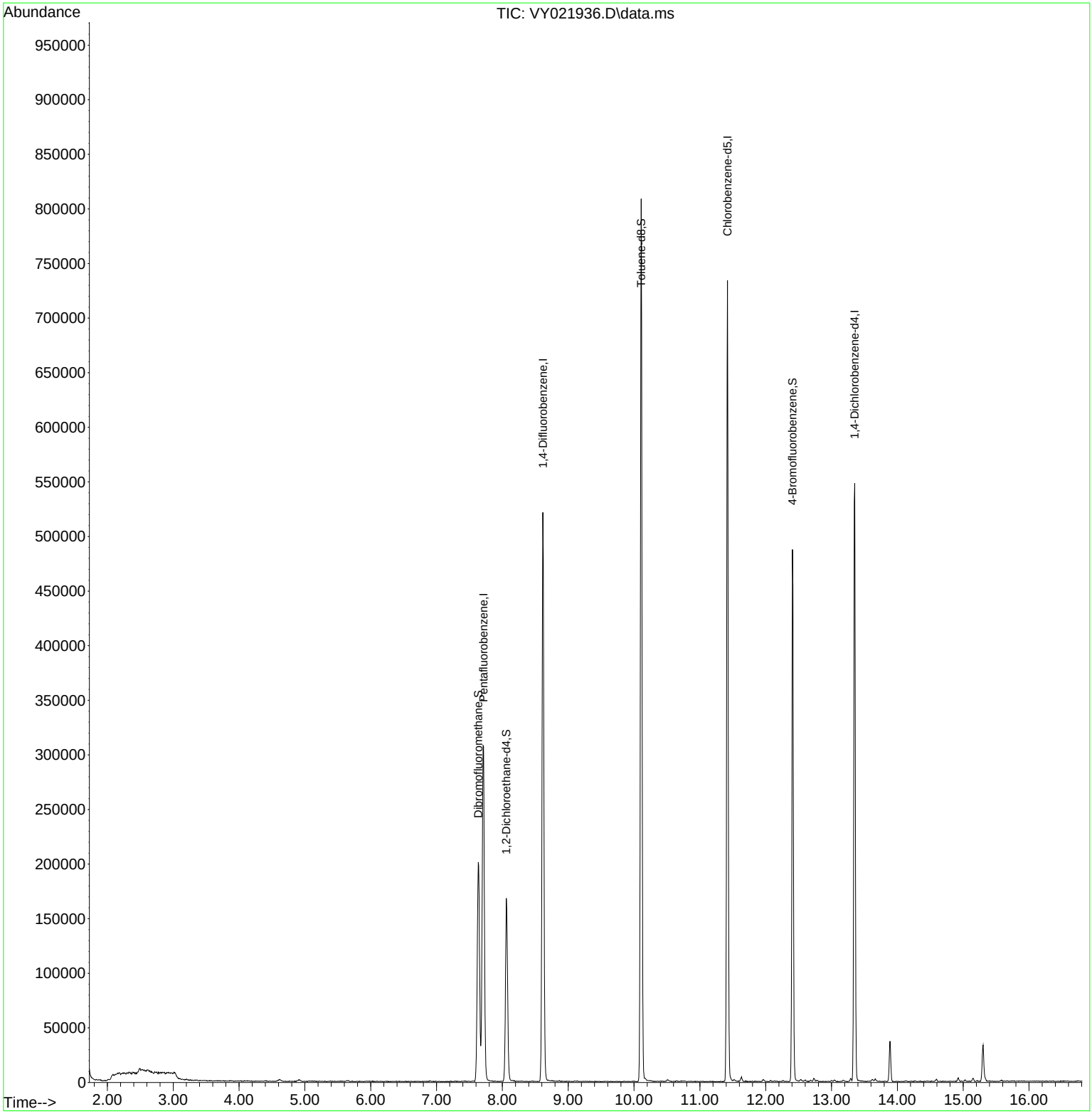
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	238181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	431702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	370399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	140852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	130238	50.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.940%			
35) Dibromofluoromethane	7.634	113	145598	51.992	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.109	98	509819	47.855	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.700%			
62) 4-Bromofluorobenzene	12.407	95	144494	40.098	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.200%			
Target Compounds						Qvalue

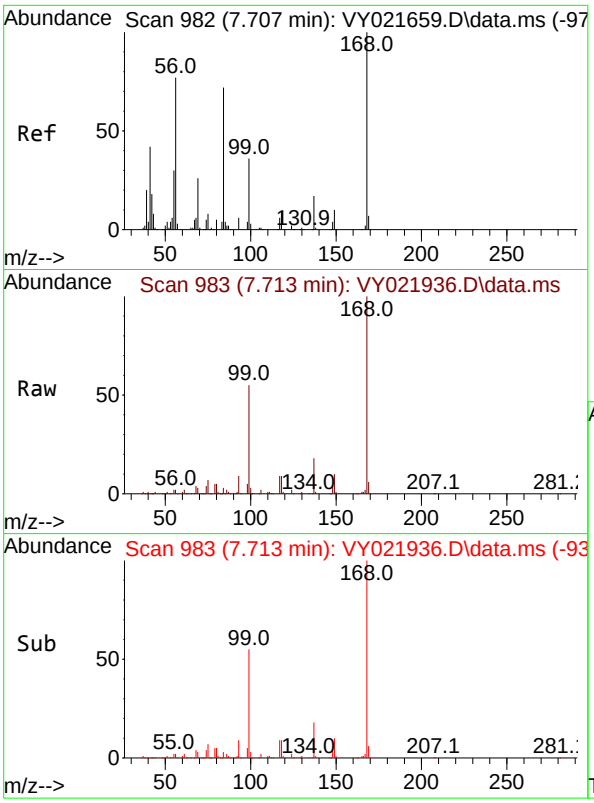
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021936.D
Acq On : 21 Apr 2025 09:42
Operator : SY/MD
Sample : VY0421SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Quant Time: Apr 22 02:43:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration



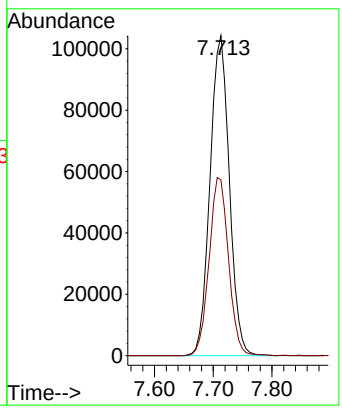


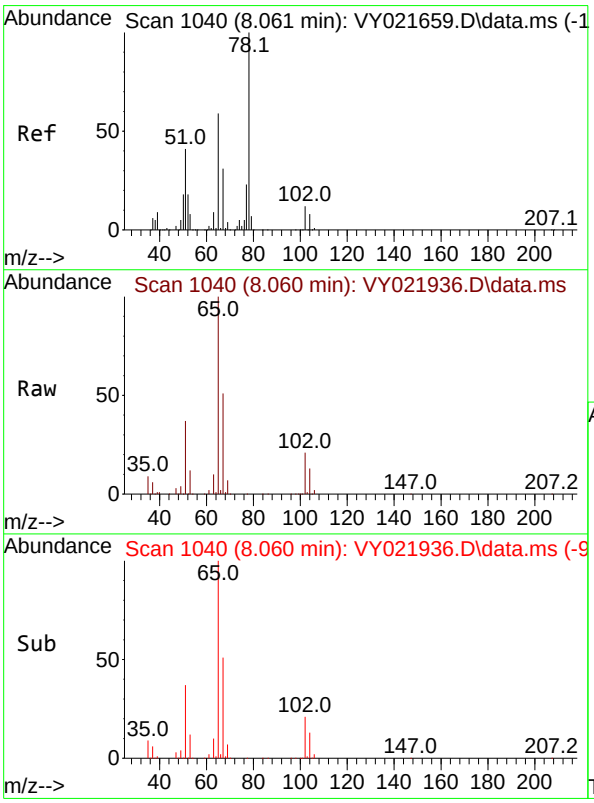
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Tgt Ion:168 Resp: 238181

Ion	Ratio	Lower	Upper
168	100		
99	54.9	46.7	70.1

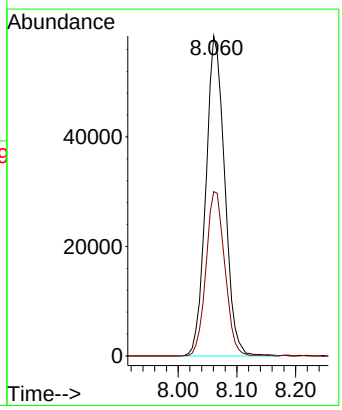


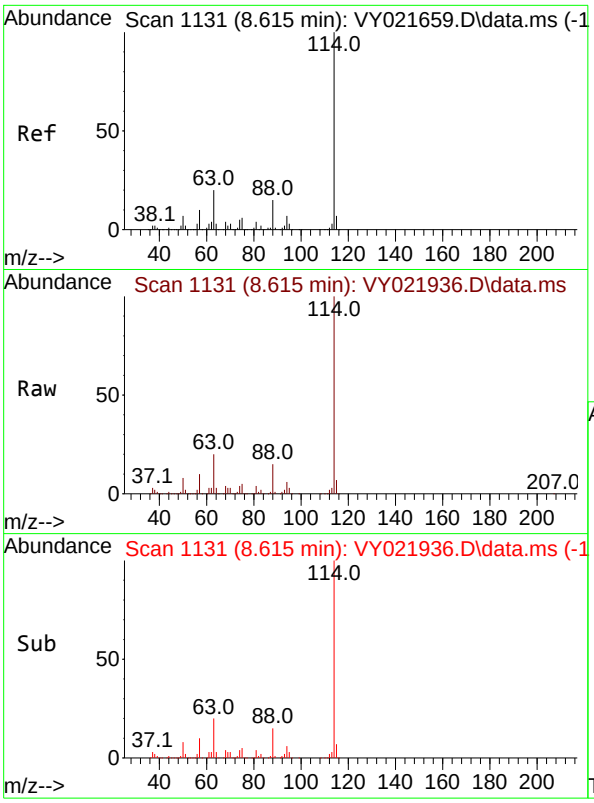


#33
1,2-Dichloroethane-d4
Concen: 50.468 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 65 Resp: 130238

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.6



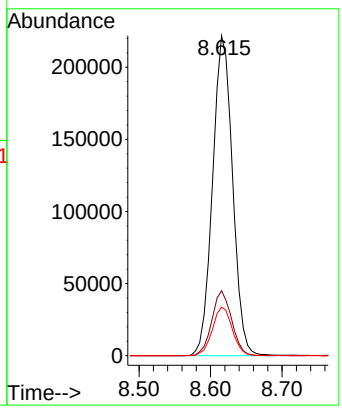


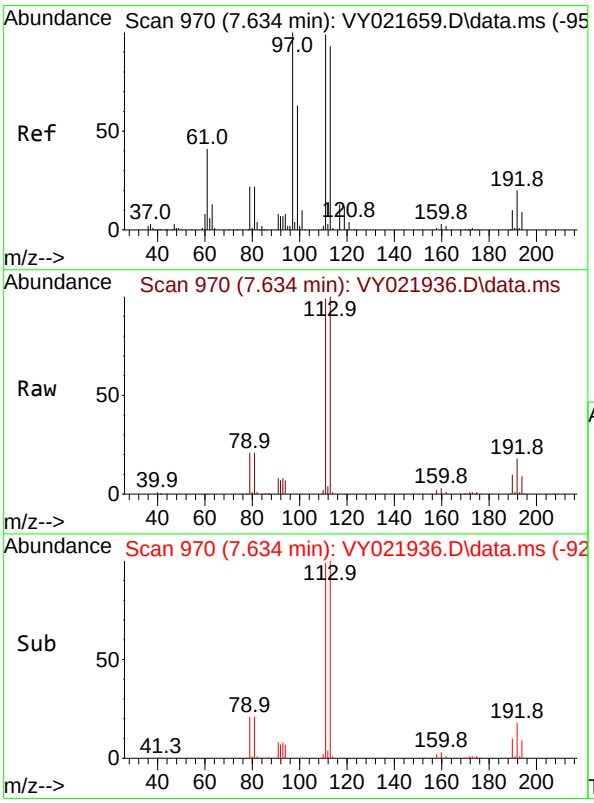
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Tgt Ion:114 Resp: 431702

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	15.2	0.0	29.8

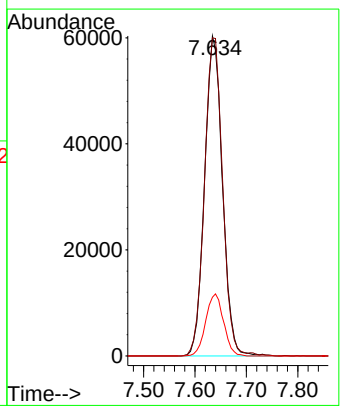


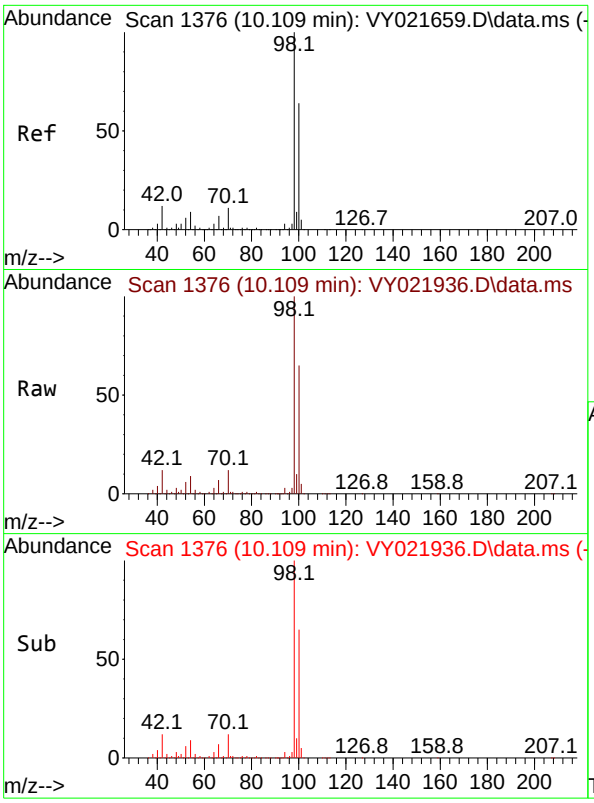


#35
Dibromofluoromethane
Concen: 51.992 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion:113 Resp: 145598

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	19.4	16.2	24.4



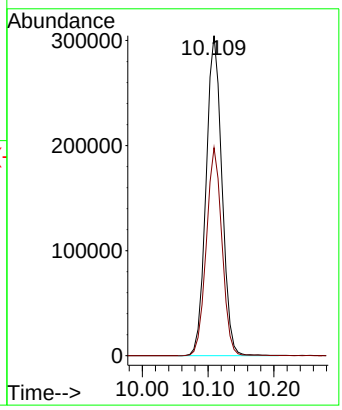


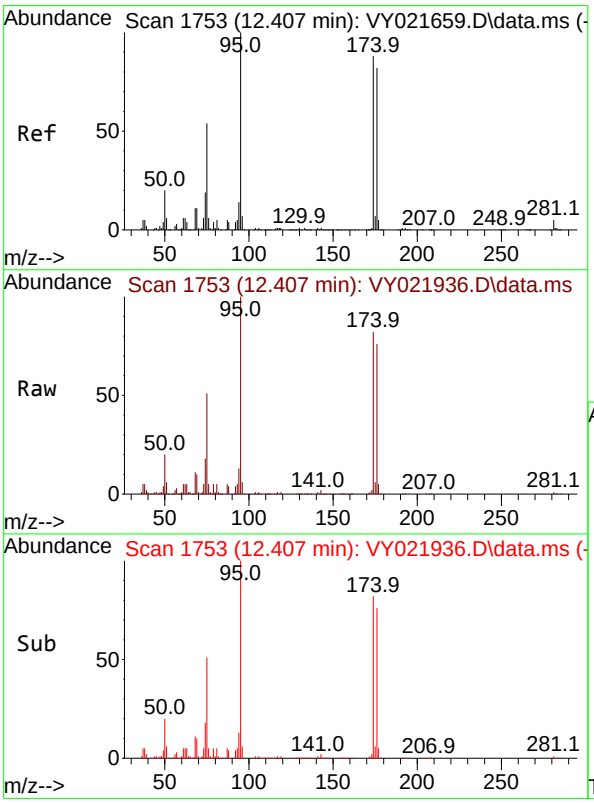
#50
Toluene-d8
Concen: 47.855 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Tgt Ion: 98 Resp: 509819

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1

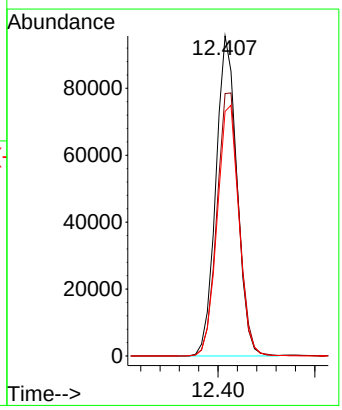


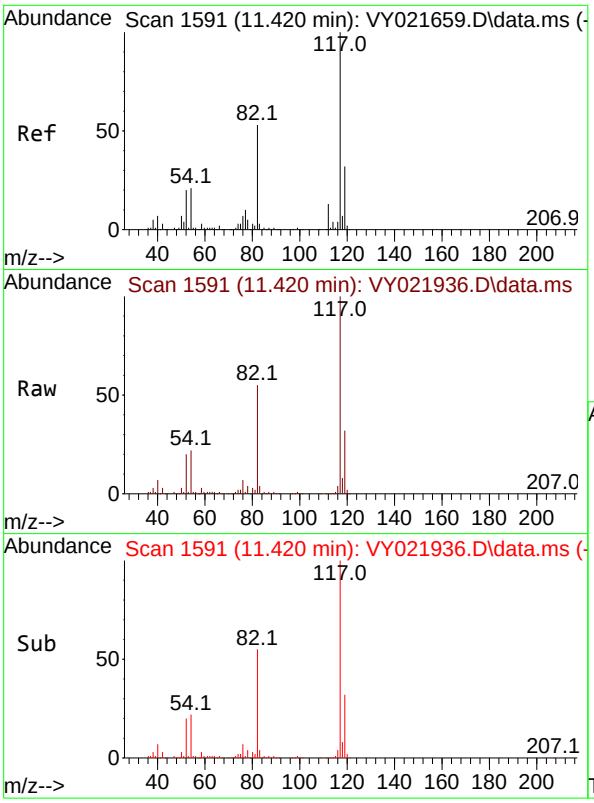


#62
4-Bromofluorobenzene
Concen: 40.098 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 95 Resp: 144494

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	170.8
176	81.0	0.0	162.0



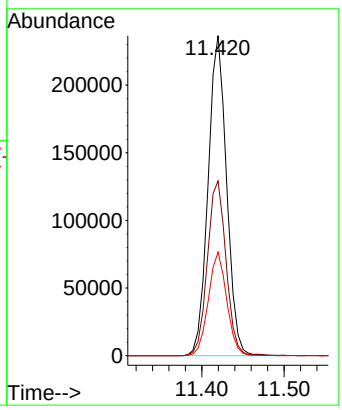


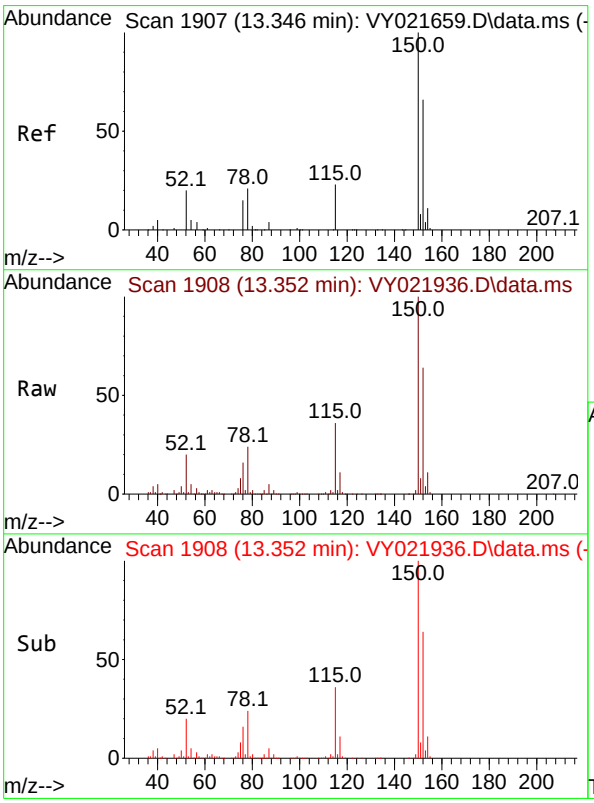
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Tgt Ion:117 Resp: 370399

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.8	64.2
119	32.4	25.7	38.5

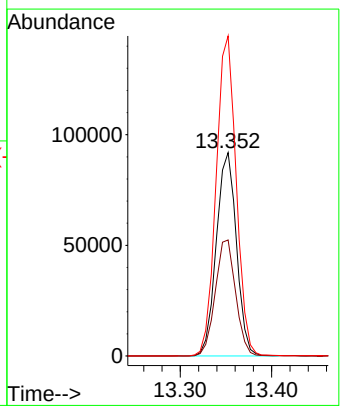




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion:152 Resp: 140852

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	157.0	0.0	348.4



Sample Results: **VY021936.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021936.D
Acq On : 21 Apr 2025 09:42
Operator : SY/MD
Sample : VY0421SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

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\82Y032725S.M
Title : SW846 8260

Signal : TIC: VY021936.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	7.634	961	970	976	rBV	200819	487010	35.79%	7.115%
2	7.707	976	982	995	rVB	306844	717242	52.70%	10.478%
3	8.060	1031	1040	1053	rBV	167647	367322	26.99%	5.366%
4	8.615	1122	1131	1143	rBV	521106	1017999	74.81%	14.872%
5	10.109	1366	1376	1384	rBV	808561	1360870	100.00%	19.881%
6	11.420	1583	1591	1603	rBV	733189	1150252	84.52%	16.804%
7	12.407	1744	1753	1765	rBV	487309	762822	56.05%	11.144%
8	13.352	1901	1908	1916	rBV	547096	857732	63.03%	12.530%
9	13.889	1988	1996	2002	rBV	37020	59937	4.40%	0.876%
10	15.303	2221	2228	2239	rBV	33291	63990	4.70%	0.935%

Sum of corrected areas: 6845176

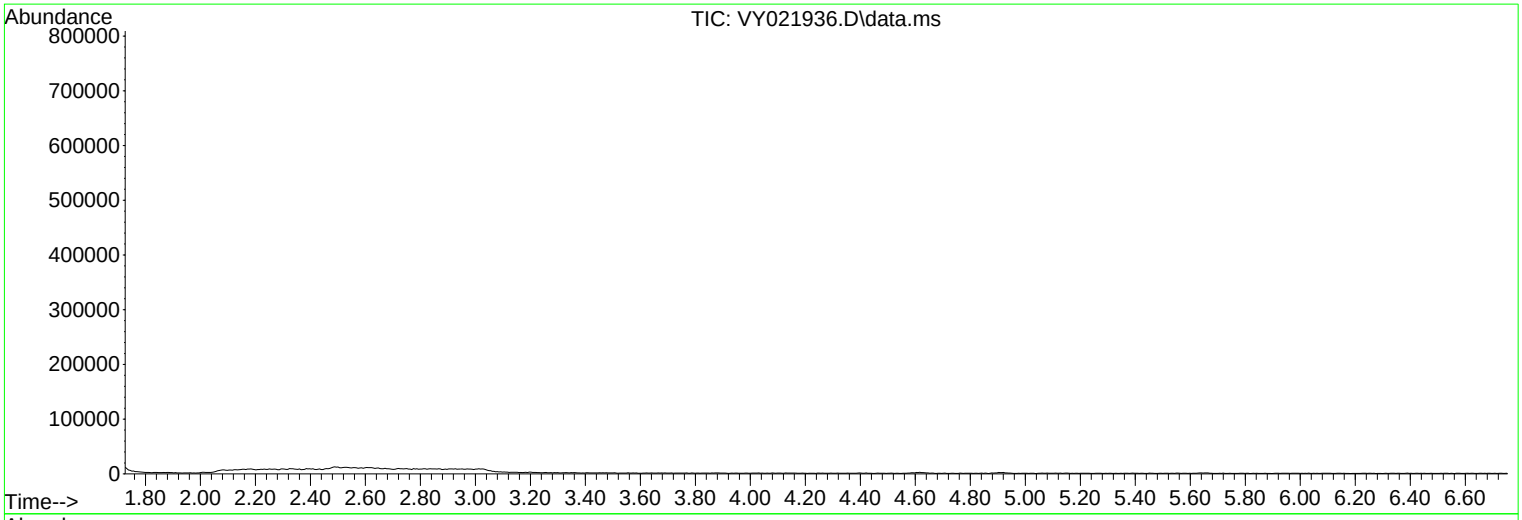
Sample Results: **VY021936.D**

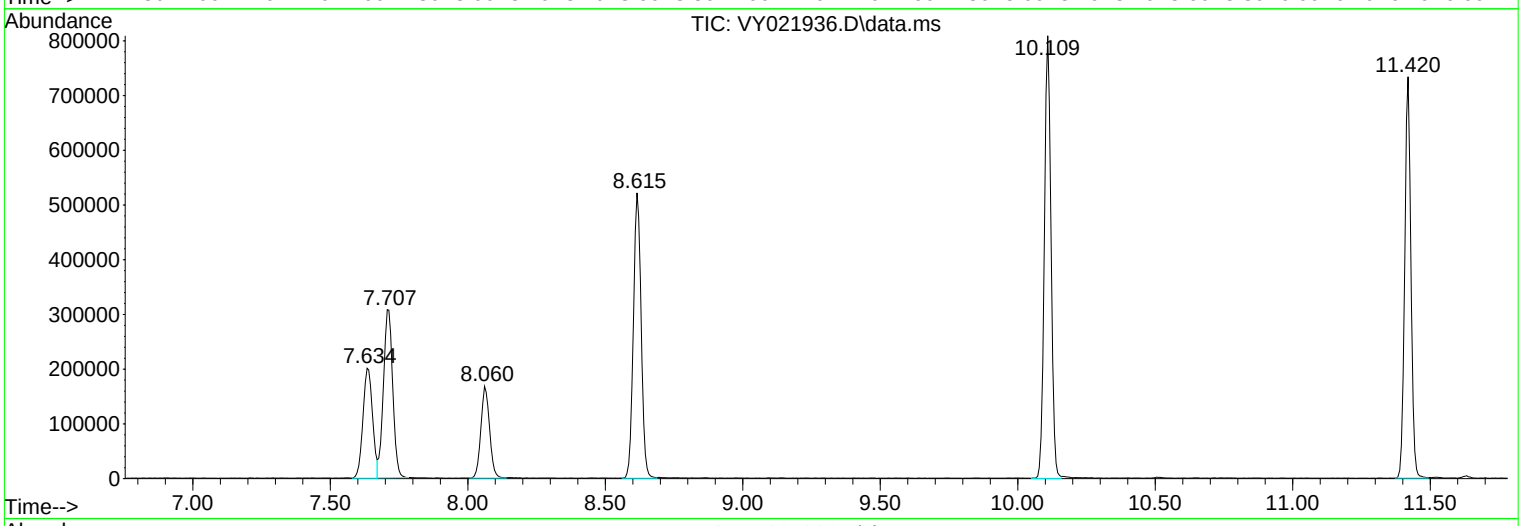
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021936.D
Acq On : 21 Apr 2025 09:42
Operator : SY/MD
Sample : VY0421SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

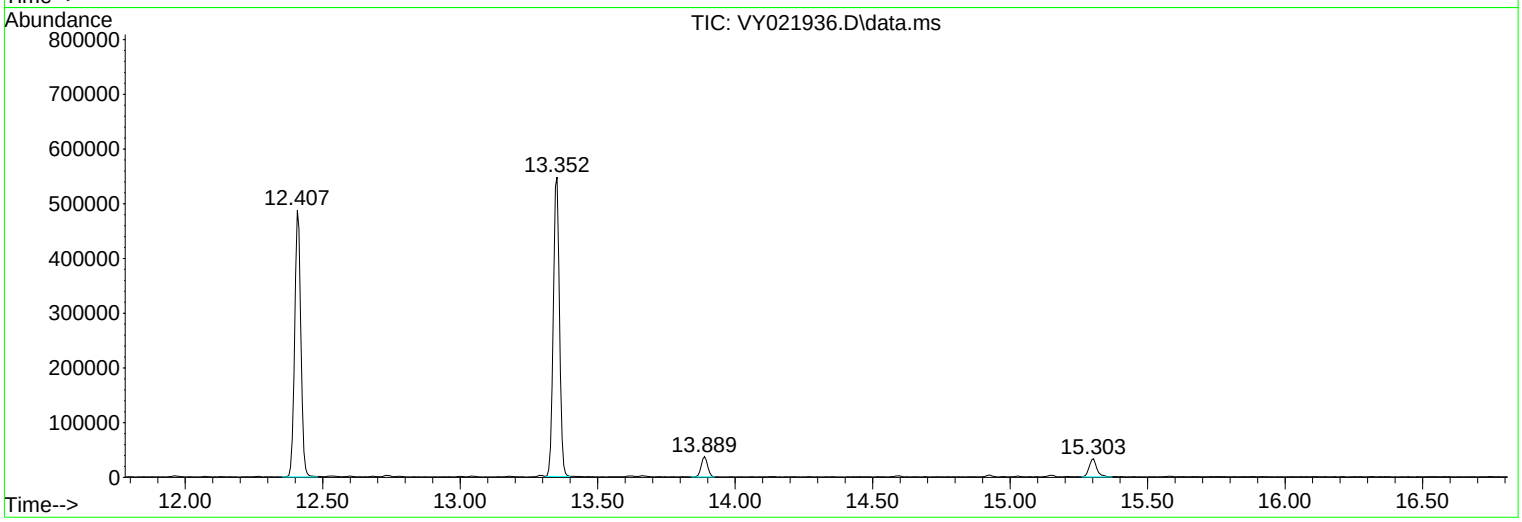
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021936.D
Acq On : 21 Apr 2025 09:42
Operator : SY/MD
Sample : VY0421SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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\VY042125\
Data File : VY021936.D
Acq On : 21 Apr 2025 09:42
Operator : SY/MD
Sample : VY0421SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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\VY042325\
Data File : VY021963.D
Acq On : 23 Apr 2025 10:31
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Quant Time: Apr 24 03:44:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	319981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	599033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	525205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	194434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151146	51.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.280%			
35) Dibromofluoromethane	7.634	113	197999	50.031	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.060%			
50) Toluene-d8	10.109	98	710393	47.614	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.408	95	193641	38.554	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.100%			

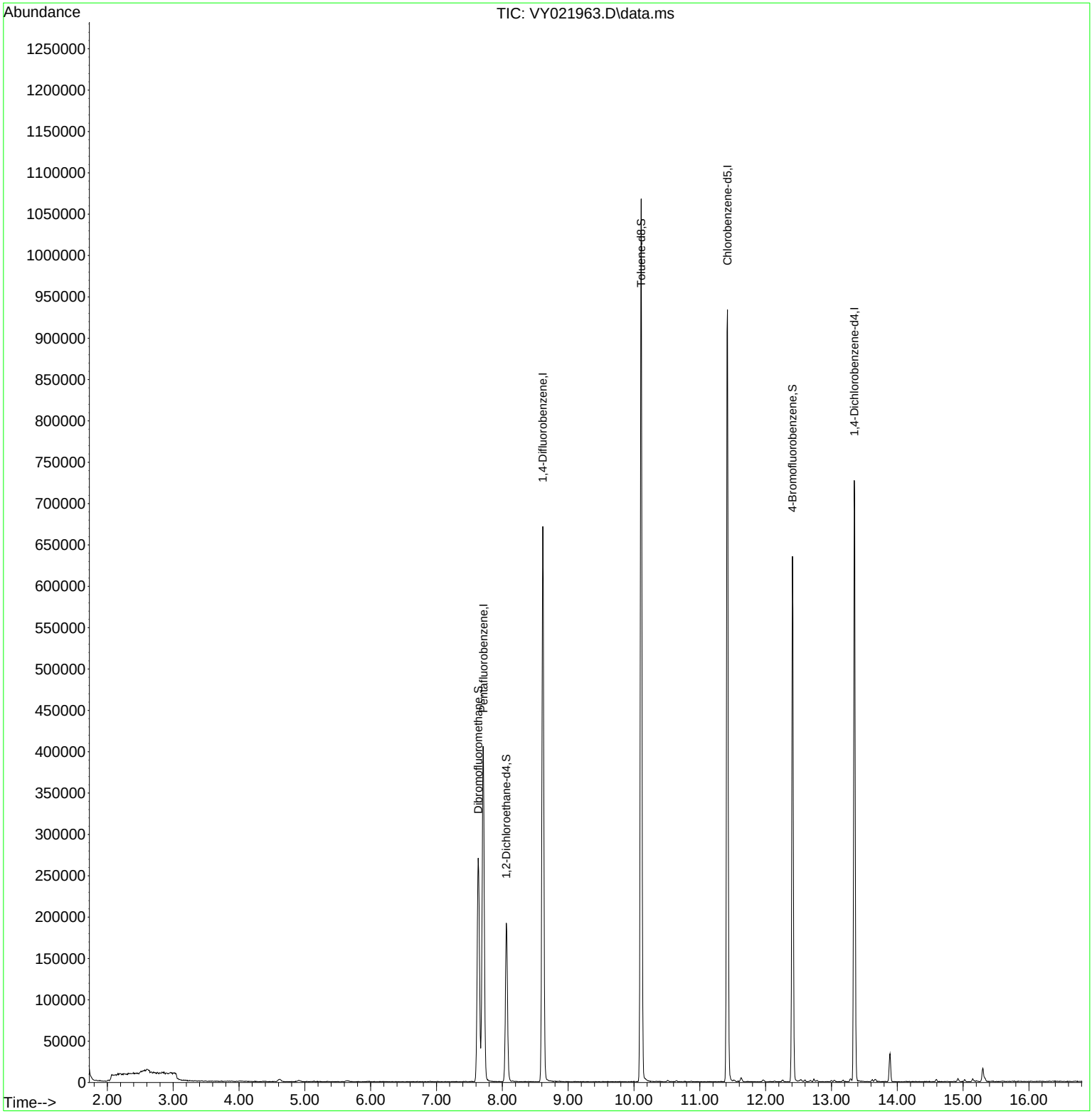
Target Compounds	Qvalue

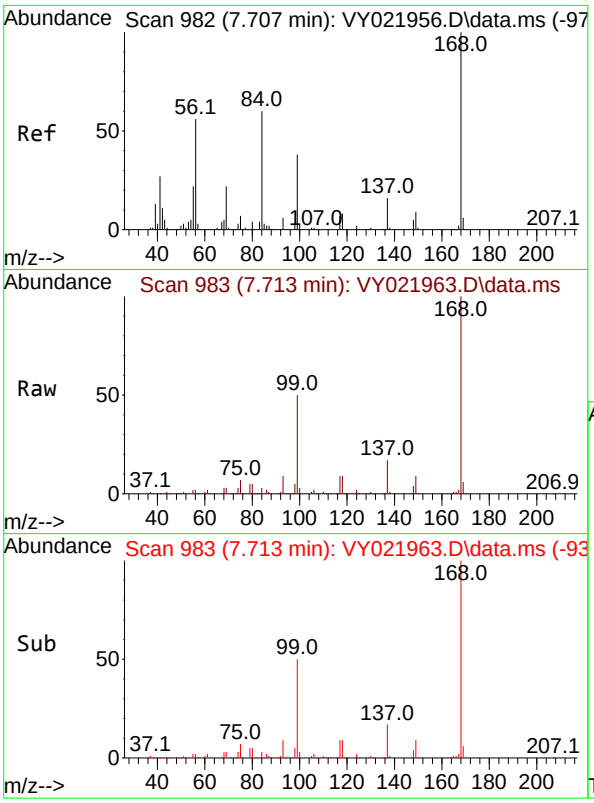
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021963.D
Acq On : 23 Apr 2025 10:31
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Quant Time: Apr 24 03:44:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



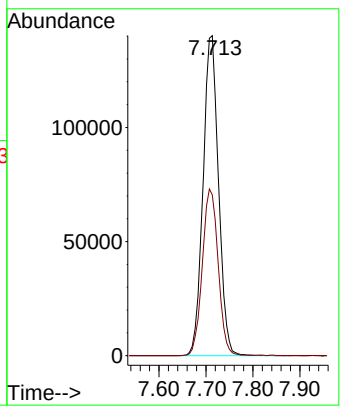


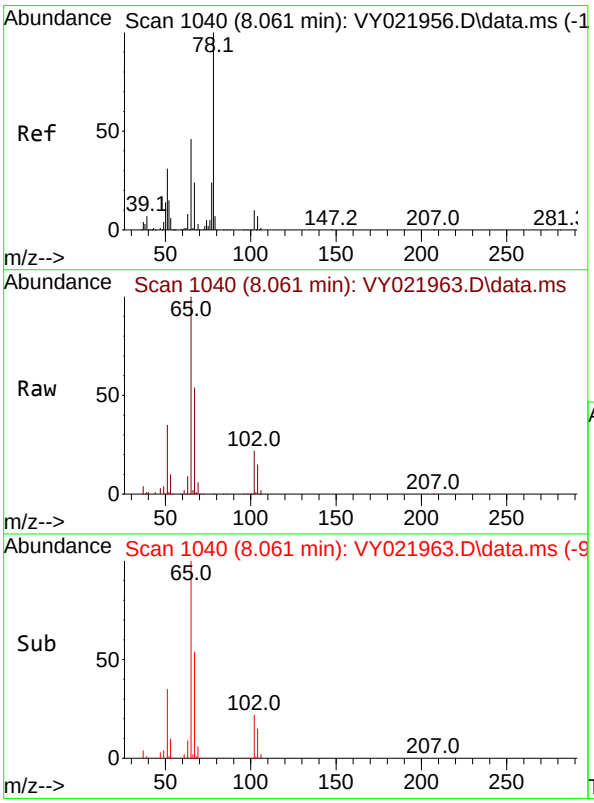
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Tgt Ion:168 Resp: 319981

Ion	Ratio	Lower	Upper
168	100		
99	50.2	43.1	64.7

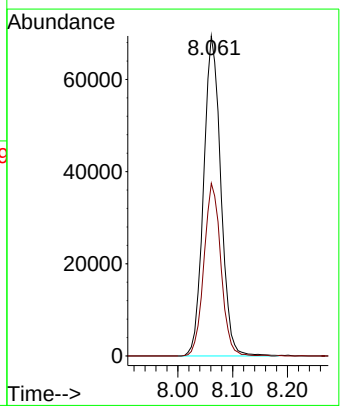


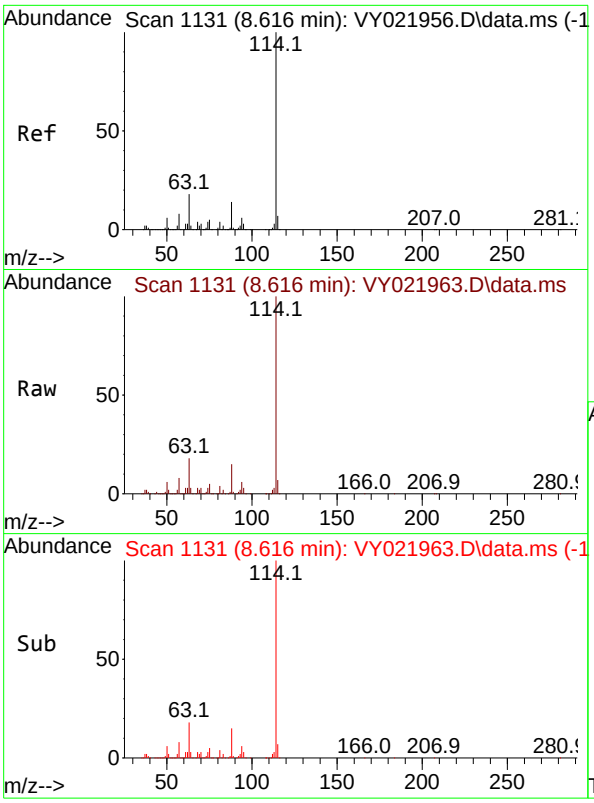


#33
1,2-Dichloroethane-d4
Concen: 51.139 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 65 Resp: 151146

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8



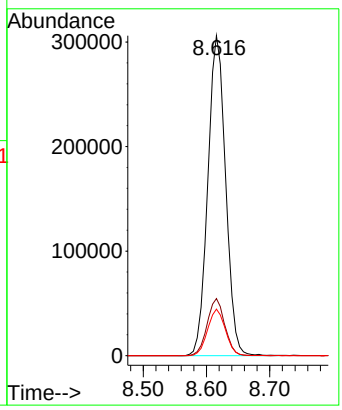


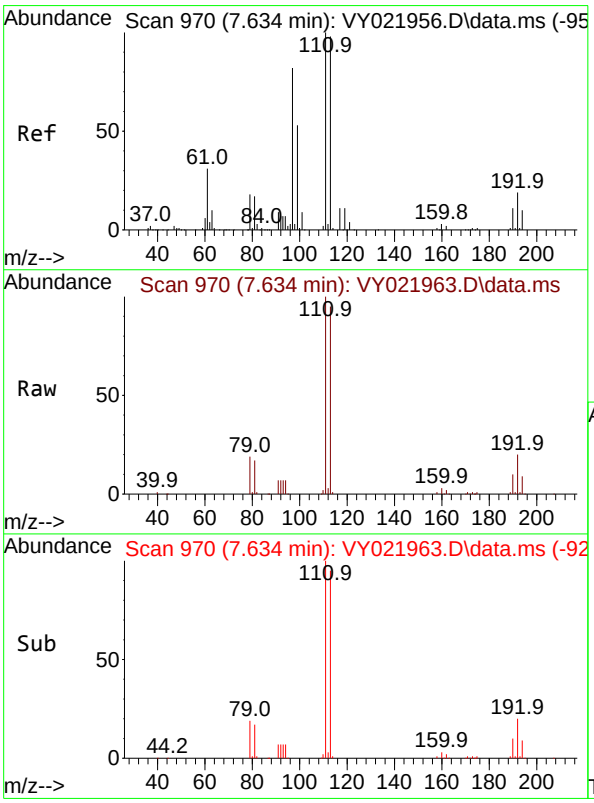
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Tgt Ion:114 Resp: 599033

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.4
88	14.6	0.0	28.2

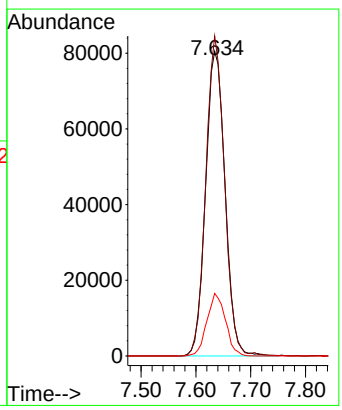


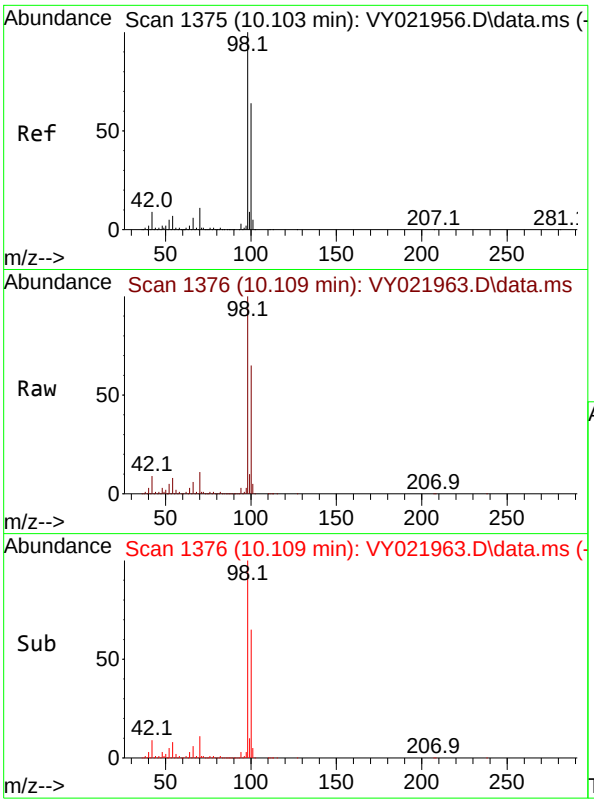


#35
Dibromofluoromethane
Concen: 50.031 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion:113 Resp: 197999

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	19.6	15.6	23.4



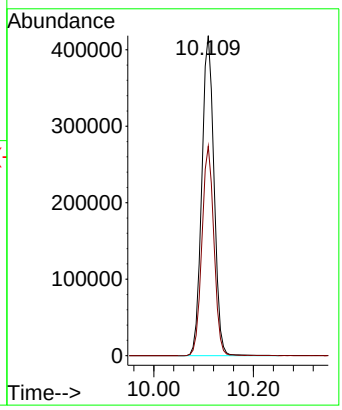


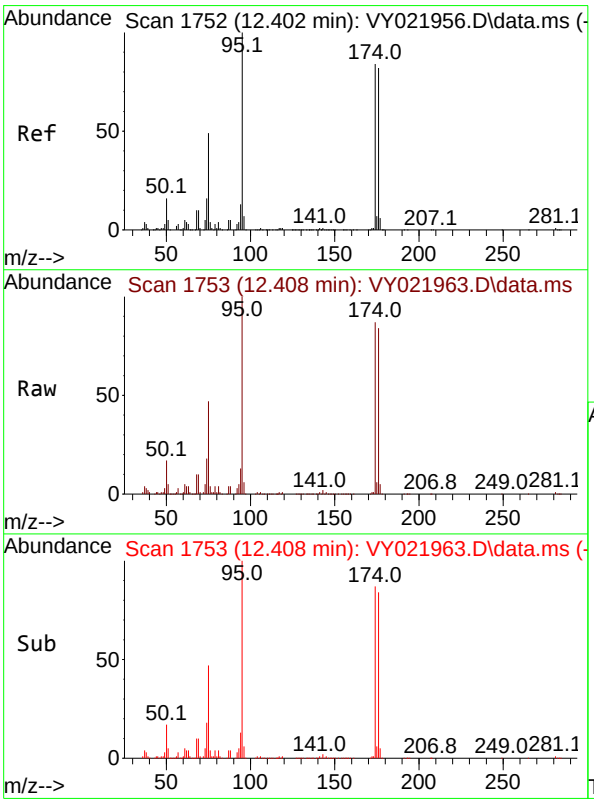
#50
Toluene-d8
Concen: 47.614 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Tgt Ion: 98 Resp: 710393

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4

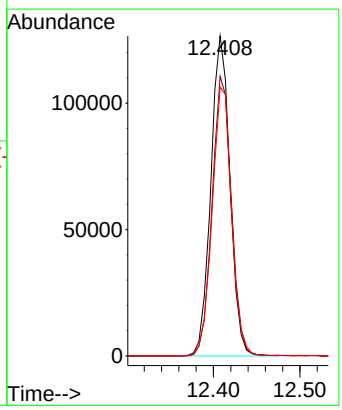


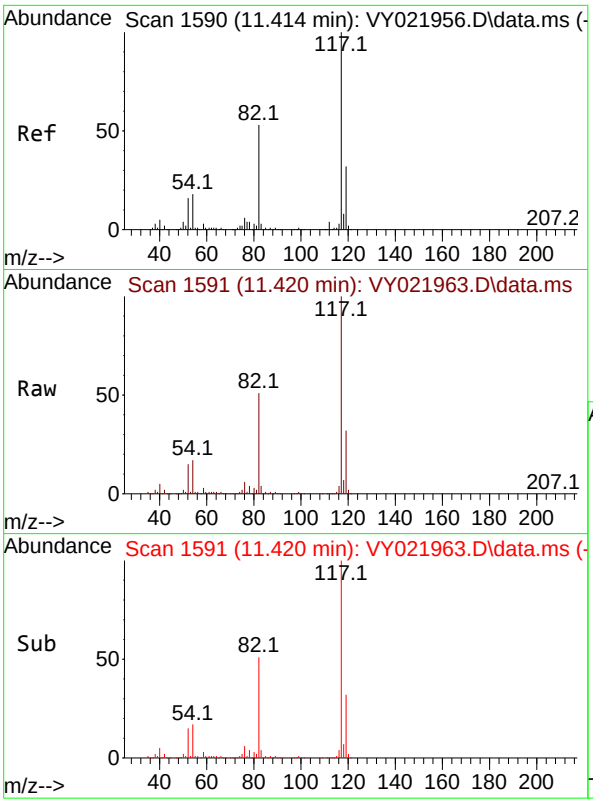


#62
4-Bromofluorobenzene
Concen: 38.554 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion: 95 Resp: 193641

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	179.0
176	85.6	0.0	171.8



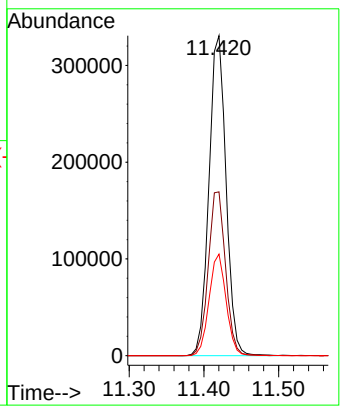


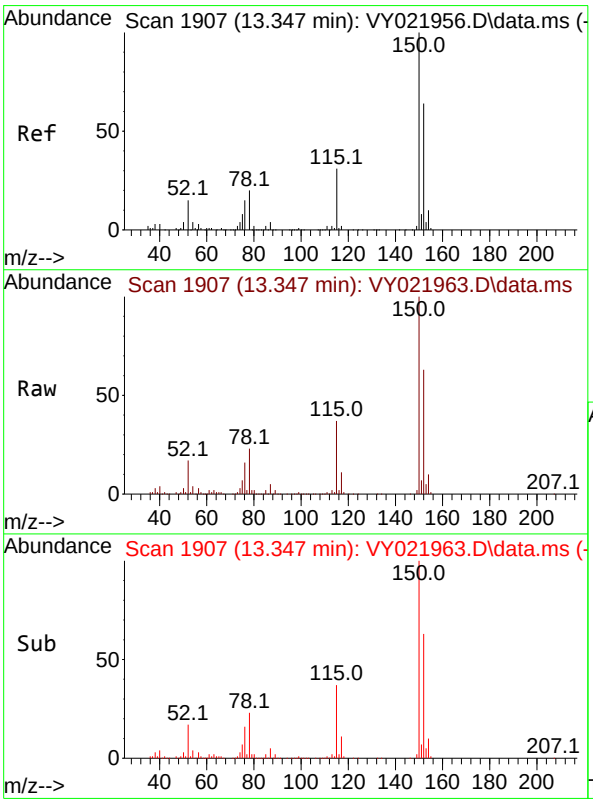
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Tgt Ion:117 Resp: 525205

Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.1	63.1
119	31.7	25.7	38.5

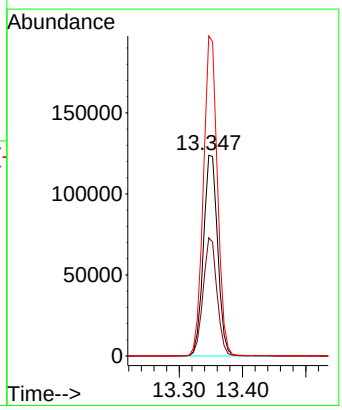




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021963.D
Acq: 23 Apr 2025 10:31

Tgt Ion:152 Resp: 194434

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.0	84.0
150	157.0	0.0	345.6



Sample Results: **VY021963.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021963.D
Acq On : 23 Apr 2025 10:31
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

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\82Y042225S.M
Title : SW846 8260

Signal : TIC: VY021963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	960	970	976	rBV	270502	651157	36.00%	7.347%
2	7.707	976	982	997	rVB	405115	933121	51.59%	10.528%
3	8.061	1031	1040	1053	rBV	191732	424788	23.49%	4.793%
4	8.616	1121	1131	1145	rBV	671582	1321693	73.07%	14.913%
5	10.109	1368	1376	1399	rVB	1067485	1808687	100.00%	20.407%
6	11.420	1583	1591	1604	rBV	933618	1512694	83.63%	17.068%
7	12.408	1746	1753	1766	rBV	635452	996869	55.12%	11.248%
8	13.347	1901	1907	1917	rVB	726351	1123830	62.14%	12.680%
9	13.889	1989	1996	2001	rBV3	34078	55599	3.07%	0.627%
10	15.297	2220	2227	2238	rVB	16175	34510	1.91%	0.389%

Sum of corrected areas: 8862948

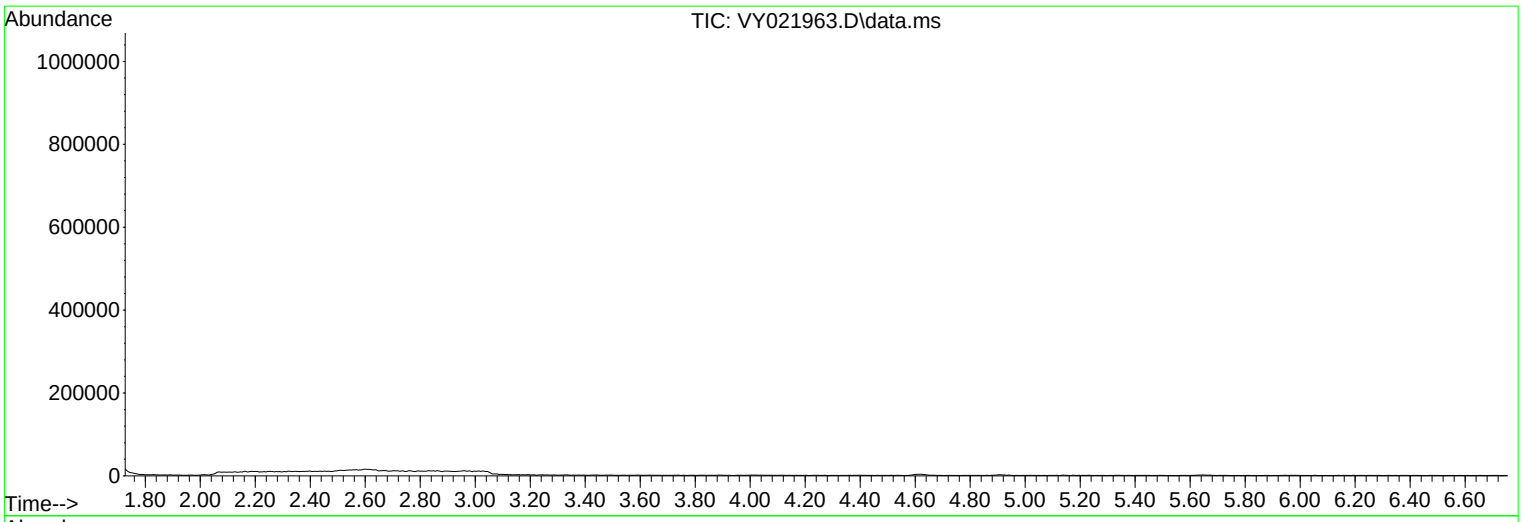
Sample Results: **VY021963.D**

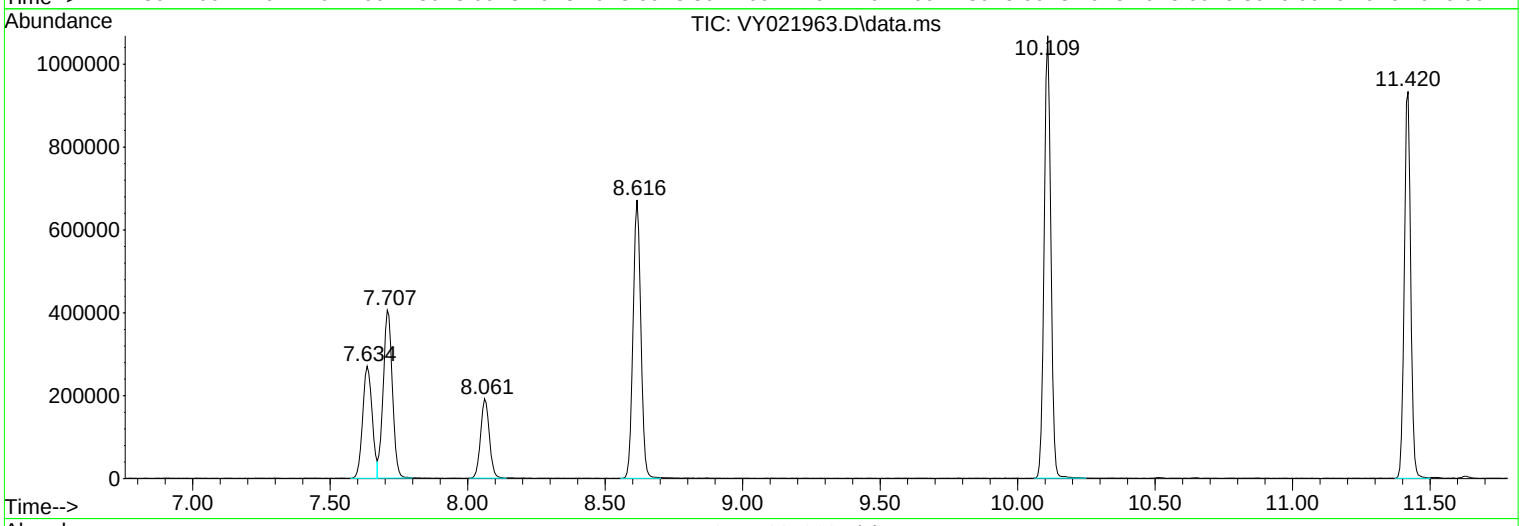
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021963.D
Acq On : 23 Apr 2025 10:31
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

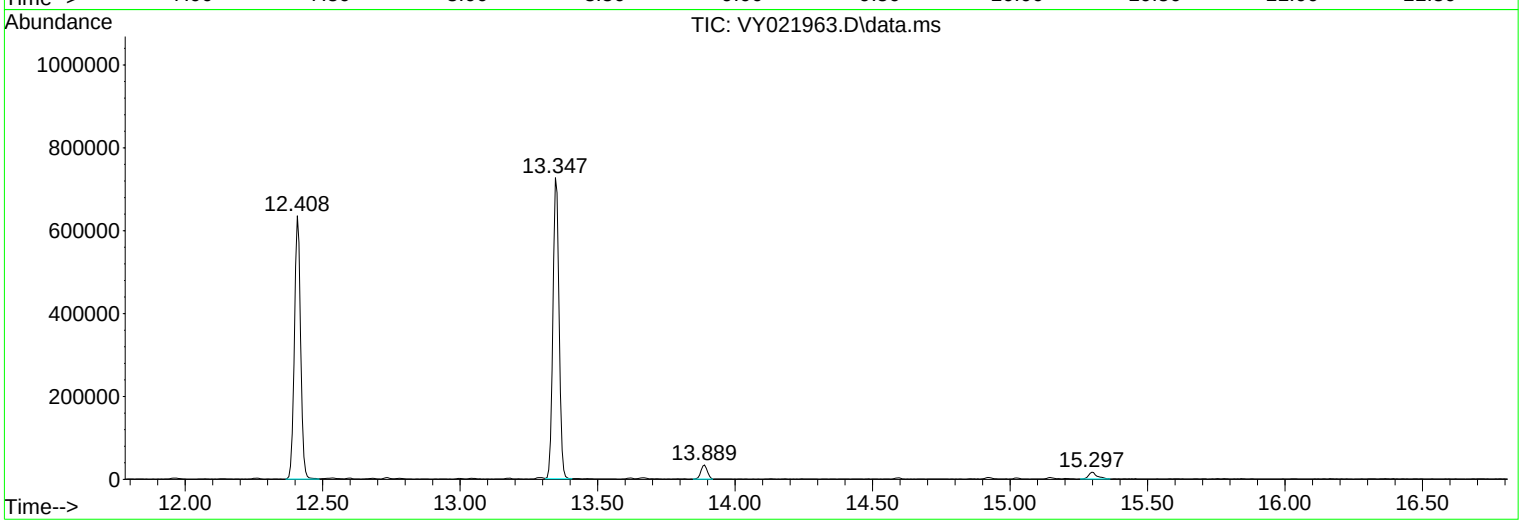
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY021963.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021963.D
Acq On : 23 Apr 2025 10:31
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.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\VY042325\
Data File : VY021963.D
Acq On : 23 Apr 2025 10:31
Operator : SY/MD
Sample : VY0423SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.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\VY042125\
Data File : VY021937.D
Acq On : 21 Apr 2025 10:18
Operator : SY/MD
Sample : VY0421SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 02:43:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	181890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	285604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	261318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	139221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97707	49.579	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.160%			
35) Dibromofluoromethane	7.634	113	94026	50.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.109	98	359378	50.989	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.408	95	121385	50.917	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	32089	17.021	ug/l	100
3) Chloromethane	2.068	50	53856	20.316	ug/l	99
4) Vinyl Chloride	2.202	62	57232	19.090	ug/l	97
5) Bromomethane	2.592	94	42573	20.821	ug/l	94
6) Chloroethane	2.732	64	39704	20.239	ug/l	96
7) Trichlorofluoromethane	3.056	101	73716	19.195	ug/l	94
8) Diethyl Ether	3.458	74	20207	19.348	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	40604	20.046	ug/l	100
10) Methyl Iodide	4.001	142	41355	18.611	ug/l	99
11) Tert butyl alcohol	4.872	59	10927	85.365	ug/l	98
12) 1,1-Dichloroethene	3.793	96	36129	18.937	ug/l	94
13) Acrolein	3.659	56	7602	32.525	ug/l	99
14) Allyl chloride	4.378	41	58977	19.388	ug/l	99
15) Acrylonitrile	5.055	53	42096	96.535	ug/l	98
16) Acetone	3.872	43	39386	97.652	ug/l	97
17) Carbon Disulfide	4.104	76	112240	17.861	ug/l	100
18) Methyl Acetate	4.391	43	23033	23.042	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	90661	19.087	ug/l	98
20) Methylene Chloride	4.616	84	43795	19.859	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	41444	19.730	ug/l	95
22) Diisopropyl ether	6.018	45	128846	20.192	ug/l	97
23) Vinyl Acetate	5.964	43	342807	91.832	ug/l	98
24) 1,1-Dichloroethane	5.915	63	79102	20.731	ug/l	97
25) 2-Butanone	6.896	43	54665	94.891	ug/l	99
26) 2,2-Dichloropropane	6.884	77	68463	20.171	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	47806	20.237	ug/l	98
28) Bromochloromethane	7.250	49	32942	20.471	ug/l	95
29) Tetrahydrofuran	7.262	42	34200	92.243	ug/l	100
30) Chloroform	7.421	83	83864	21.132	ug/l	98
31) Cyclohexane	7.701	56	60387	17.362	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	73183	20.403	ug/l	98
36) 1,1-Dichloropropene	7.835	75	55584	19.697	ug/l	99
37) Ethyl Acetate	6.982	43	25920	19.463	ug/l	97
38) Carbon Tetrachloride	7.817	117	66663	20.626	ug/l	98
39) Methylcyclohexane	9.109	83	61273	18.176	ug/l	96
40) Benzene	8.079	78	174410	20.638	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021937.D
Acq On : 21 Apr 2025 10:18
Operator : SY/MD
Sample : VY0421SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 02:43:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	12249	17.319	ug/l	#	100
42) 1,2-Dichloroethane	8.158	62	48396	20.314	ug/l		99
43) Isopropyl Acetate	8.195	43	47771	18.928	ug/l		98
44) Trichloroethene	8.865	130	44932	20.867	ug/l		99
45) 1,2-Dichloropropane	9.140	63	41927	20.960	ug/l		97
46) Dibromomethane	9.231	93	24295	21.074	ug/l		98
47) Bromodichloromethane	9.426	83	62250	20.838	ug/l		96
48) Methyl methacrylate	9.219	41	21911	18.916	ug/l		99
49) 1,4-Dioxane	9.237	88	4785	387.445	ug/l		96
51) 4-Methyl-2-Pentanone	9.999	43	126168	96.063	ug/l		99
52) Toluene	10.170	92	110928	21.039	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	51924	19.569	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	62926	20.103	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	30969	20.874	ug/l		97
56) Ethyl methacrylate	10.438	69	35107	18.532	ug/l		98
57) 1,3-Dichloropropane	10.719	76	54184	21.147	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	94588	102.352	ug/l		100
59) 2-Hexanone	10.761	43	83425	95.376	ug/l		98
60) Dibromochloromethane	10.908	129	43104	21.280	ug/l		99
61) 1,2-Dibromoethane	11.018	107	28530	20.500	ug/l		97
64) Tetrachloroethene	10.646	164	52393	22.014	ug/l		97
65) Chlorobenzene	11.444	112	121622	20.303	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	43997	20.701	ug/l		98
67) Ethyl Benzene	11.517	91	199354	19.408	ug/l		99
68) m/p-Xylenes	11.627	106	158426	40.277	ug/l		98
69) o-Xylene	11.956	106	71248	19.623	ug/l		100
70) Styrene	11.969	104	121466	20.064	ug/l		98
71) Bromoform	12.133	173	24986	20.610	ug/l	#	96
73) Isopropylbenzene	12.255	105	188726	18.251	ug/l		99
74) N-amyl acetate	12.072	43	40174	16.554	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.505	83	33556	18.049	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	26178m	18.969	ug/l		
77) Bromobenzene	12.536	156	47710	19.217	ug/l		99
78) n-propylbenzene	12.597	91	234746	18.883	ug/l		100
79) 2-Chlorotoluene	12.682	91	137447	19.035	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	159505	18.874	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	10350	17.281	ug/l		94
82) 4-Chlorotoluene	12.779	91	145134	19.280	ug/l		99
83) tert-Butylbenzene	12.999	119	138100	18.346	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	159792	19.130	ug/l		99
85) sec-Butylbenzene	13.176	105	209471	19.042	ug/l		100
86) p-Isopropyltoluene	13.292	119	173788	19.114	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	96878	19.806	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	96108	19.887	ug/l		99
89) n-Butylbenzene	13.621	91	155886	18.539	ug/l		99
90) Hexachloroethane	13.877	117	38765	19.456	ug/l		96
91) 1,2-Dichlorobenzene	13.657	146	82836	19.454	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5395	18.723	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	44941	19.462	ug/l		99
94) Hexachlorobutadiene	15.023	225	30399	21.079	ug/l		97
95) Naphthalene	15.145	128	68557	17.912	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	40069	20.349	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021937.D
Acq On : 21 Apr 2025 10:18
Operator : SY/MD
Sample : VY0421SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 02:43:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025

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

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

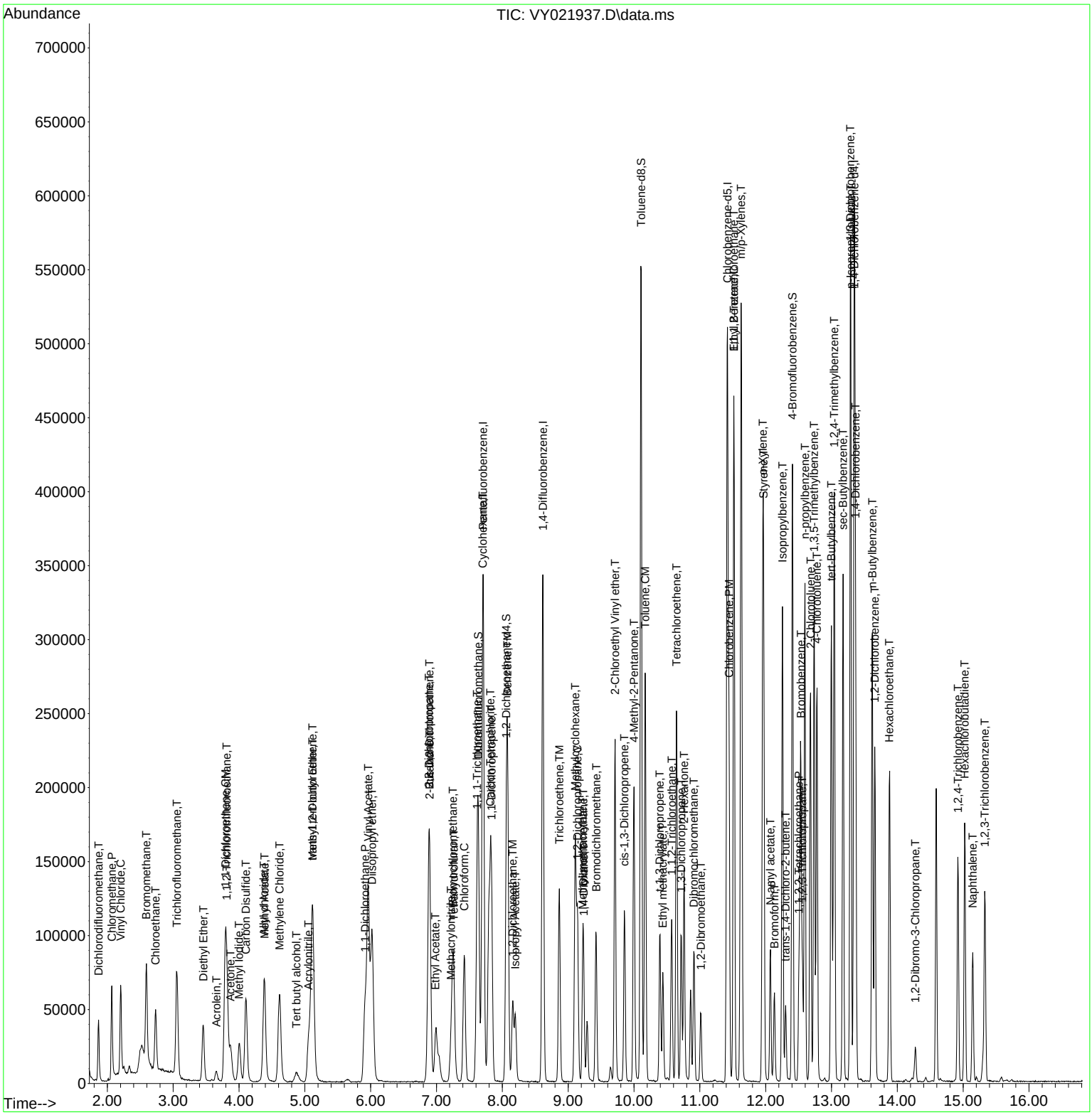
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021937.D
Acq On : 21 Apr 2025 10:18
Operator : SY/MD
Sample : VY0421SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 02:43:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021964.D
Acq On : 23 Apr 2025 11:07
Operator : SY/MD
Sample : VY0423SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 03:44:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	295173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	458305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	417679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	221603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140165	51.409	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.820%			
35) Dibromofluoromethane	7.634	113	156093	51.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.100%			
50) Toluene-d8	10.109	98	593014	51.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.408	95	194614	50.645	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	49150	19.542	ug/l	97
3) Chloromethane	2.068	50	79531	22.207	ug/l	97
4) Vinyl Chloride	2.202	62	90607	20.588	ug/l	99
5) Bromomethane	2.592	94	91439	24.116	ug/l	98
6) Chloroethane	2.733	64	64520	21.526	ug/l	98
7) Trichlorofluoromethane	3.056	101	123323	21.251	ug/l	100
8) Diethyl Ether	3.458	74	29720	19.676	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	64570	20.511	ug/l	99
10) Methyl Iodide	4.001	142	65818	18.058	ug/l	99
11) Tert butyl alcohol	4.885	59	14597	97.521	ug/l	95
12) 1,1-Dichloroethene	3.787	96	59875	20.405	ug/l	97
13) Acrolein	3.659	56	27435	102.123	ug/l	99
14) Allyl chloride	4.385	41	66968	19.600	ug/l	99
15) Acrylonitrile	5.067	53	55987	101.248	ug/l	99
16) Acetone	3.879	43	38541	94.730	ug/l	92
17) Carbon Disulfide	4.104	76	192526	20.578	ug/l	98
18) Methyl Acetate	4.385	43	27554	21.635	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	131102	19.962	ug/l	96
20) Methylene Chloride	4.616	84	67092	19.461	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	65708	19.995	ug/l	95
22) Diisopropyl ether	6.019	45	156652	20.603	ug/l	93
23) Vinyl Acetate	5.964	43	410600	100.200	ug/l	99
24) 1,1-Dichloroethane	5.915	63	106508	20.209	ug/l	99
25) 2-Butanone	6.896	43	59906	96.392	ug/l	100
26) 2,2-Dichloropropane	6.890	77	94723	20.506	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	74706	20.331	ug/l	99
28) Bromochloromethane	7.244	49	41102	20.078	ug/l	95
29) Tetrahydrofuran	7.262	42	40959	101.473	ug/l	100
30) Chloroform	7.421	83	120714	20.649	ug/l	96
31) Cyclohexane	7.701	56	88058	19.538	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	106943	20.220	ug/l	99
36) 1,1-Dichloropropene	7.835	75	81879	20.132	ug/l	99
37) Ethyl Acetate	6.988	43	29318	20.071	ug/l	98
38) Carbon Tetrachloride	7.817	117	100138	20.605	ug/l	97
39) Methylcyclohexane	9.109	83	98332	19.212	ug/l	96
40) Benzene	8.079	78	263532	20.728	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021964.D
Acq On : 23 Apr 2025 11:07
Operator : SY/MD
Sample : VY0423SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 03:44:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	15367	19.245	ug/l	#	89
42) 1,2-Dichloroethane	8.158	62	65165	20.702	ug/l		100
43) Isopropyl Acetate	8.201	43	55377	19.741	ug/l		99
44) Trichloroethene	8.866	130	71222	20.225	ug/l		99
45) 1,2-Dichloropropane	9.140	63	57685	20.517	ug/l		99
46) Dibromomethane	9.231	93	36042	20.478	ug/l		99
47) Bromodichloromethane	9.426	83	90955	20.687	ug/l		96
48) Methyl methacrylate	9.219	41	27965	21.565	ug/l		95
49) 1,4-Dioxane	9.244	88	7517	400.714	ug/l		96
51) 4-Methyl-2-Pentanone	9.999	43	150808	102.554	ug/l		99
52) Toluene	10.170	92	170967	20.774	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	75065	19.904	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	92666	20.670	ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	48596	20.670	ug/l		97
56) Ethyl methacrylate	10.438	69	52604	19.566	ug/l		99
57) 1,3-Dichloropropane	10.719	76	76673	20.343	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	134039	101.970	ug/l		100
59) 2-Hexanone	10.762	43	97696	100.725	ug/l		95
60) Dibromochloromethane	10.914	129	66379	20.393	ug/l		98
61) 1,2-Dibromoethane	11.018	107	45815	20.642	ug/l		99
64) Tetrachloroethene	10.646	164	80494	20.429	ug/l		98
65) Chlorobenzene	11.444	112	188396	20.170	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	68045	20.693	ug/l		98
67) Ethyl Benzene	11.518	91	302678	19.810	ug/l		99
68) m/p-Xylenes	11.627	106	245304	40.346	ug/l		99
69) o-Xylene	11.956	106	110797	19.772	ug/l		99
70) Styrene	11.969	104	188948	20.082	ug/l		99
71) Bromoform	12.133	173	38634	20.208	ug/l	#	99
73) Isopropylbenzene	12.255	105	290429	19.616	ug/l		99
74) N-amyl acetate	12.072	43	48649	19.125	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	52798	21.152	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	39256m	20.681	ug/l		
77) Bromobenzene	12.536	156	73923	19.760	ug/l		97
78) n-propylbenzene	12.597	91	357207	20.260	ug/l		100
79) 2-Chlorotoluene	12.682	91	204453	19.939	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	244632	20.054	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	14911	18.917	ug/l		93
82) 4-Chlorotoluene	12.779	91	218007	20.453	ug/l		99
83) tert-Butylbenzene	12.999	119	210516	19.242	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	244676	20.053	ug/l		100
85) sec-Butylbenzene	13.176	105	318306	19.883	ug/l		100
86) p-Isopropyltoluene	13.292	119	265758	19.549	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	149215	19.638	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	150139	19.951	ug/l		99
89) n-Butylbenzene	13.621	91	234544	19.302	ug/l		98
90) Hexachloroethane	13.883	117	59491	19.918	ug/l		100
91) 1,2-Dichlorobenzene	13.663	146	133741	20.180	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8096	20.386	ug/l		86
93) 1,2,4-Trichlorobenzene	14.919	180	70613	18.803	ug/l		99
94) Hexachlorobutadiene	15.023	225	43918	19.007	ug/l		98
95) Naphthalene	15.145	128	110434	17.702	ug/l		98
96) 1,2,3-Trichlorobenzene	15.334	180	61606	19.004	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021964.D
Acq On : 23 Apr 2025 11:07
Operator : SY/MD
Sample : VY0423SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 03:44:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

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

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

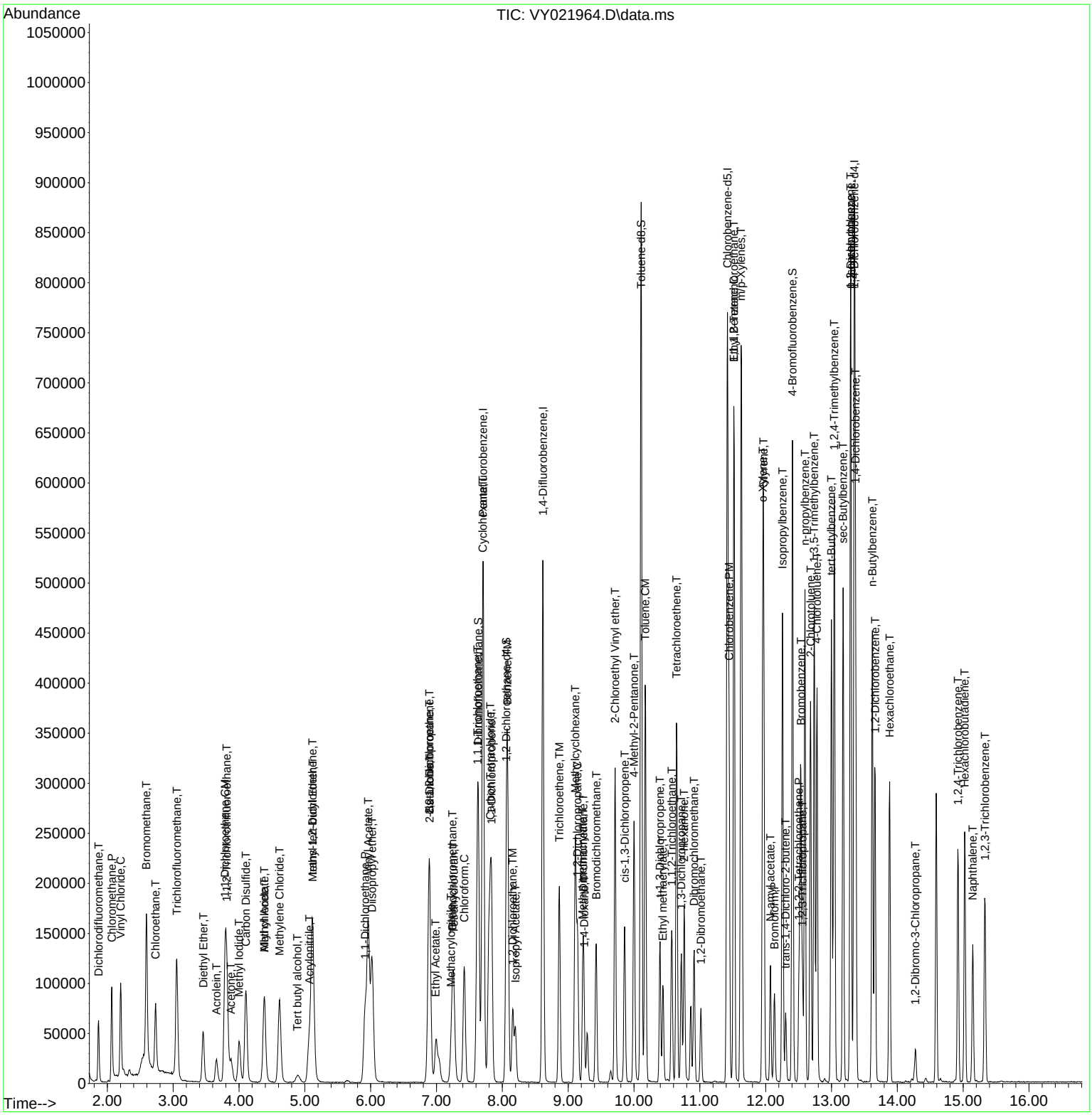
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021964.D
Acq On : 23 Apr 2025 11:07
Operator : SY/MD
Sample : VY0423SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 03:44:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021938.D
Acq On : 21 Apr 2025 10:41
Operator : SY/MD
Sample : VY0421SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 22 02:43:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	184070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	287552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100790	50.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.080%			
35) Dibromofluoromethane	7.634	113	96856	51.925	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.103	98	363518	51.227	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.408	95	123704	51.538	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	32394	16.979	ug/l	97
3) Chloromethane	2.068	50	50522	18.833	ug/l	99
4) Vinyl Chloride	2.202	62	55965	18.447	ug/l	97
5) Bromomethane	2.586	94	41971	20.283	ug/l	93
6) Chloroethane	2.733	64	37510	18.894	ug/l	95
7) Trichlorofluoromethane	3.056	101	72971	18.776	ug/l	99
8) Diethyl Ether	3.452	74	20104	19.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	38813	18.935	ug/l	96
10) Methyl Iodide	4.001	142	41463	18.438	ug/l	100
11) Tert butyl alcohol	4.866	59	12393	95.671	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	36226	18.763	ug/l	92
13) Acrolein	3.653	56	8171	34.545	ug/l	98
14) Allyl chloride	4.385	41	57136	18.561	ug/l	99
15) Acrylonitrile	5.055	53	45221	102.473	ug/l	98
16) Acetone	3.866	43	39229	96.111	ug/l	98
17) Carbon Disulfide	4.098	76	109809	17.268	ug/l	100
18) Methyl Acetate	4.385	43	25467	25.175	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	93476	19.446	ug/l	98
20) Methylene Chloride	4.616	84	44779	20.108	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	41282	19.420	ug/l	96
22) Diisopropyl ether	6.019	45	130558	20.218	ug/l	97
23) Vinyl Acetate	5.958	43	347021	91.860	ug/l	97
24) 1,1-Dichloroethane	5.915	63	78896	20.432	ug/l	97
25) 2-Butanone	6.896	43	56743	97.332	ug/l	95
26) 2,2-Dichloropropane	6.878	77	68052	19.813	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	48008	20.082	ug/l	98
28) Bromochloromethane	7.244	49	33682	20.683	ug/l	97
29) Tetrahydrofuran	7.262	42	36657	97.699	ug/l	99
30) Chloroform	7.421	83	82100	20.442	ug/l	100
31) Cyclohexane	7.701	56	60265	17.121	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	72317	19.923	ug/l	99
36) 1,1-Dichloropropene	7.835	75	54350	19.130	ug/l	98
37) Ethyl Acetate	6.982	43	26109	19.472	ug/l	100
38) Carbon Tetrachloride	7.817	117	65041	19.987	ug/l	99
39) Methylcyclohexane	9.109	83	58586	17.261	ug/l	98
40) Benzene	8.079	78	172193	20.238	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021938.D
Acq On : 21 Apr 2025 10:41
Operator : SY/MD
Sample : VY0421SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 22 02:43:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	13327	18.715	ug/l	#	100
42) 1,2-Dichloroethane	8.152	62	48744	20.321	ug/l		98
43) Isopropyl Acetate	8.195	43	50459	19.858	ug/l		100
44) Trichloroethene	8.866	130	44112	20.348	ug/l		97
45) 1,2-Dichloropropane	9.140	63	41044	20.379	ug/l		94
46) Dibromomethane	9.231	93	23846	20.544	ug/l		98
47) Bromodichloromethane	9.420	83	62196	20.679	ug/l		98
48) Methyl methacrylate	9.219	41	22425	19.229	ug/l		99
49) 1,4-Dioxane	9.231	88	5044	405.650	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	136330	103.097	ug/l		100
52) Toluene	10.170	92	109601	20.646	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	52802	19.765	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	62311	19.771	ug/l		96
55) 1,1,2-Trichloroethane	10.573	97	32667	21.870	ug/l		98
56) Ethyl methacrylate	10.438	69	37030	19.415	ug/l		98
57) 1,3-Dichloropropane	10.713	76	53694	20.814	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	100110	107.593	ug/l		100
59) 2-Hexanone	10.762	43	88016	99.943	ug/l		99
60) Dibromochloromethane	10.908	129	43098	21.133	ug/l		98
61) 1,2-Dibromoethane	11.012	107	29375	20.964	ug/l		99
64) Tetrachloroethene	10.646	164	52197	22.152	ug/l		96
65) Chlorobenzene	11.438	112	120728	20.356	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.511	131	43131	20.497	ug/l		97
67) Ethyl Benzene	11.518	91	196300	19.302	ug/l		97
68) m/p-Xylenes	11.627	106	156499	40.186	ug/l		98
69) o-Xylene	11.956	106	70690	19.665	ug/l		98
70) Styrene	11.969	104	119429	19.926	ug/l		100
71) Bromoform	12.127	173	25950	21.620	ug/l	#	99
73) Isopropylbenzene	12.255	105	185545	18.318	ug/l		99
74) N-amyl acetate	12.066	43	42238	17.768	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	34540	18.966	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	25499m	18.863	ug/l		
77) Bromobenzene	12.530	156	46905	19.287	ug/l		99
78) n-propylbenzene	12.597	91	228710	18.781	ug/l		99
79) 2-Chlorotoluene	12.676	91	134943	19.079	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	158146	19.103	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	11078	18.882	ug/l		97
82) 4-Chlorotoluene	12.773	91	142613	19.340	ug/l		99
83) tert-Butylbenzene	12.993	119	134989	18.307	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	160612	19.630	ug/l		99
85) sec-Butylbenzene	13.176	105	204114	18.942	ug/l		100
86) p-Isopropyltoluene	13.292	119	170280	19.119	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	97033	20.251	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	95456	20.164	ug/l		99
89) n-Butylbenzene	13.615	91	153578	18.646	ug/l		98
90) Hexachloroethane	13.877	117	36837	18.875	ug/l		93
91) 1,2-Dichlorobenzene	13.657	146	83956	20.128	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5779	20.474	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	44388	19.624	ug/l		100
94) Hexachlorobutadiene	15.023	225	29102	20.601	ug/l		97
95) Naphthalene	15.145	128	70308	18.753	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	39508	20.483	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021938.D
Acq On : 21 Apr 2025 10:41
Operator : SY/MD
Sample : VY0421SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 22 02:43:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025

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

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

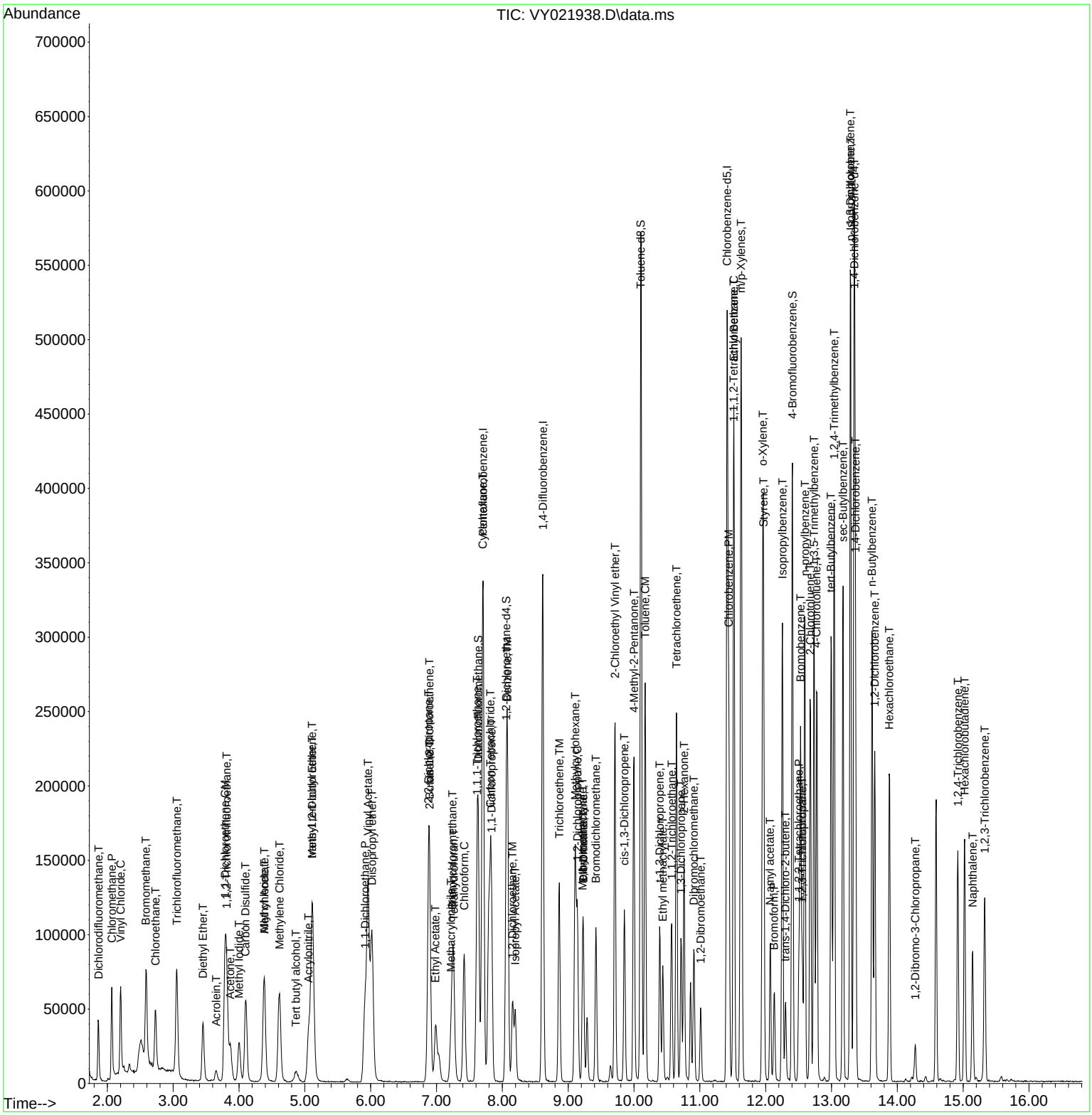
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021938.D
Acq On : 21 Apr 2025 10:41
Operator : SY/MD
Sample : VY0421SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 22 02:43:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
Supervised By :Mahesh Dadoda 04/22/2025



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

Manual Integration Report

Sequence:	vy032725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021656.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:28 AM	MMDadoda	3/28/2025 9:32:34 AM	Peak Integrated by Software
VSTDICC005	VY021656.D	Methacrylonitrile	Romaben	3/28/2025 9:14:28 AM	MMDadoda	3/28/2025 9:32:34 AM	Peak Integrated by Software
VSTDICC010	VY021657.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:32 AM	MMDadoda	3/28/2025 9:32:37 AM	Peak Integrated by Software
VSTDICC010	VY021657.D	Methacrylonitrile	Romaben	3/28/2025 9:14:32 AM	MMDadoda	3/28/2025 9:32:37 AM	Peak Integrated by Software
VSTDICC020	VY021658.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:20 AM	MMDadoda	3/28/2025 9:32:41 AM	Peak Integrated by Software
VSTDICCC050	VY021659.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:38 AM	MMDadoda	3/28/2025 9:32:45 AM	Peak Integrated by Software
VSTDICCC050	VY021659.D	Methacrylonitrile	Romaben	3/28/2025 9:14:38 AM	MMDadoda	3/28/2025 9:32:45 AM	Peak Integrated by Software
VSTDICC100	VY021660.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:15 AM	MMDadoda	3/28/2025 9:32:49 AM	Peak Integrated by Software
VSTDICC150	VY021661.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:43 AM	MMDadoda	3/28/2025 9:32:53 AM	Peak Integrated by Software
VSTDICV050	VY021663.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:11 AM	MMDadoda	3/28/2025 9:32:04 AM	Peak Integrated by Software
VSTDCCC050	VY021680.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:58 AM	MMDadoda	3/28/2025 9:32:15 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy042125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021935.D	1,2,3-Trichloropropane	SAM	4/22/2025 1:56:42 PM	MMDadoda	4/22/2025 1:59:02 PM	Peak Integrated by Software
VY0421SBS01	VY021937.D	1,2,3-Trichloropropane	SAM	4/22/2025 1:56:42 PM	MMDadoda	4/22/2025 1:59:03 PM	Peak Integrated by Software
VY0421SBSD01	VY021938.D	1,2,3-Trichloropropane	SAM	4/22/2025 1:56:43 PM	MMDadoda	4/22/2025 1:59:05 PM	Peak Integrated by Software
VSTDCCC050	VY021951.D	1,2,3-Trichloropropane	SAM	4/22/2025 1:56:46 PM	MMDadoda	4/22/2025 1:59:06 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY042225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021953.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC005	VY021953.D	Ethyl Acetate	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC005	VY021953.D	Methacrylonitrile	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC005	VY021953.D	Tert butyl alcohol	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC010	VY021954.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:50 AM	MMDadoda	4/23/2025 1:29:03 PM	Peak Integrated by Software
VSTDICC010	VY021954.D	Ethyl Acetate	SAM	4/23/2025 7:34:50 AM	MMDadoda	4/23/2025 1:29:03 PM	Peak Integrated by Software
VSTDICC010	VY021954.D	Methacrylonitrile	SAM	4/23/2025 7:34:50 AM	MMDadoda	4/23/2025 1:29:03 PM	Peak Integrated by Software
VSTDICC020	VY021955.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:51 AM	MMDadoda	4/23/2025 1:29:07 PM	Peak Integrated by Software
VSTDICC020	VY021955.D	Methacrylonitrile	SAM	4/23/2025 7:34:51 AM	MMDadoda	4/23/2025 1:29:07 PM	Peak Integrated by Software
VSTDICCC050	VY021956.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:53 AM	MMDadoda	4/23/2025 1:29:11 PM	Peak Integrated by Software
VSTDICC100	VY021957.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:56 AM	MMDadoda	4/23/2025 1:29:15 PM	Peak Integrated by Software
VSTDICC150	VY021958.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:57 AM	MMDadoda	4/23/2025 1:29:19 PM	Peak Integrated by Software
VSTDICV050	VY021960.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:59 AM	MMDadoda	4/23/2025 1:29:23 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY042225	Instrument	MSVOA_y

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

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

Manual Integration Report

Sequence:	vy042325	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021962.D	1,2,3-Trichloropropane	MMDadoda	4/25/2025 12:52:00 AM	SAM	4/25/2025 12:54:43 AM	Peak Integrated by Software
VY0423SBS01	VY021964.D	1,2,3-Trichloropropane	MMDadoda	4/25/2025 12:52:02 AM	SAM	4/25/2025 12:54:43 AM	Peak Integrated by Software
VSTDCCC050	VY021985.D	1,2,3-Trichloropropane	MMDadoda	4/25/2025 12:52:05 AM	SAM	4/25/2025 12:54:45 AM	Peak Integrated by Software

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021655.D	27 Mar 2025 09:23	SY/MD	Ok
2	VSTDICC005	VY021656.D	27 Mar 2025 10:08	SY/MD	Ok,M
3	VSTDICC010	VY021657.D	27 Mar 2025 10:31	SY/MD	Ok,M
4	VSTDICC020	VY021658.D	27 Mar 2025 10:54	SY/MD	Ok,M
5	VSTDICCC050	VY021659.D	27 Mar 2025 11:16	SY/MD	Ok,M
6	VSTDICC100	VY021660.D	27 Mar 2025 11:39	SY/MD	Ok,M
7	VSTDICC150	VY021661.D	27 Mar 2025 12:02	SY/MD	Ok,M
8	VIBLK	VY021662.D	27 Mar 2025 12:35	SY/MD	Ok
9	VSTDICV050	VY021663.D	27 Mar 2025 13:15	SY/MD	Ok,M
10	VY0327SBL01	VY021664.D	27 Mar 2025 13:59	SY/MD	Ok
11	VY0327SBS01	VY021665.D	27 Mar 2025 14:38	SY/MD	Ok,M
12	VY0327SBSD01	VY021666.D	27 Mar 2025 15:00	SY/MD	Ok,M
13	Q1661-02	VY021667.D	27 Mar 2025 15:24	SY/MD	Not Ok
14	Q1645-03RE	VY021668.D	27 Mar 2025 15:48	SY/MD	Confirms
15	Q1662-03	VY021669.D	27 Mar 2025 16:11	SY/MD	Not Ok
16	Q1662-07	VY021670.D	27 Mar 2025 16:35	SY/MD	ReRun
17	Q1661-02	VY021671.D	27 Mar 2025 16:58	SY/MD	Not Ok
18	Q1650-02	VY021672.D	27 Mar 2025 17:21	SY/MD	Not Ok
19	Q1654-01	VY021673.D	27 Mar 2025 17:45	SY/MD	Ok
20	Q1656-01	VY021674.D	27 Mar 2025 18:08	SY/MD	Not Ok
21	Q1648-09	VY021675.D	27 Mar 2025 18:32	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM				
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1648-07	VY021676.D	27 Mar 2025 18:55	SY/MD	Ok
23	Q1648-05	VY021677.D	27 Mar 2025 19:19	SY/MD	Ok
24	Q1648-01	VY021678.D	27 Mar 2025 19:42	SY/MD	Ok
25	Q1648-03	VY021679.D	27 Mar 2025 20:05	SY/MD	Ok
26	VSTDCCC050	VY021680.D	27 Mar 2025 20:28	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042125

Review By	Semsettin Yesilyurt	Review On	4/22/2025 1:56:52 PM				
Supervise By	Mahesh Dadoda	Supervise On	4/22/2025 1:59:08 PM				
SubDirectory	VY042125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133701
Initial Calibration Stds	
CCC	VP133702,VP133703
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021934.D	21 Apr 2025 08:38	SY/MD	Ok
2	VSTDCCC050	VY021935.D	21 Apr 2025 09:08	SY/MD	Ok,M
3	VY0421SBL01	VY021936.D	21 Apr 2025 09:42	SY/MD	Ok
4	VY0421SBS01	VY021937.D	21 Apr 2025 10:18	SY/MD	Ok,M
5	VY0421SBSD01	VY021938.D	21 Apr 2025 10:41	SY/MD	Ok,M
6	Q1840-01RE	VY021939.D	21 Apr 2025 11:37	SY/MD	Confirms
7	Q1841-01	VY021940.D	21 Apr 2025 12:00	SY/MD	ReRun
8	Q1842-02	VY021941.D	21 Apr 2025 12:23	SY/MD	Ok
9	Q1842-08	VY021942.D	21 Apr 2025 12:47	SY/MD	Ok
10	Q1842-14	VY021943.D	21 Apr 2025 13:10	SY/MD	Ok
11	Q1842-20	VY021944.D	21 Apr 2025 13:34	SY/MD	Ok
12	Q1842-26	VY021945.D	21 Apr 2025 13:57	SY/MD	Ok
13	Q1842-32	VY021946.D	21 Apr 2025 14:21	SY/MD	Ok
14	Q1842-38	VY021947.D	21 Apr 2025 14:44	SY/MD	Ok
15	Q1851-05	VY021948.D	21 Apr 2025 15:08	SY/MD	Ok
16	Q1851-06	VY021949.D	21 Apr 2025 15:31	SY/MD	ReRun
17	Q1851-07	VY021950.D	21 Apr 2025 15:54	SY/MD	Ok
18	VSTDCCC050	VY021951.D	21 Apr 2025 16:17	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042225

Review By	Semsettin Yesilyurt	Review On	4/23/2025 7:35:07 AM				
Supervise By	Mahesh Dadoda	Supervise On	4/23/2025 1:28:52 PM				
SubDirectory	VY042225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133718
Initial Calibration Stds	VP133719,VP133720,VP133721,VP133722,VP133723,VP133724
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021952.D	22 Apr 2025 11:33	SY/MD	Ok
2	VSTDICC005	VY021953.D	22 Apr 2025 13:39	SY/MD	Ok,M
3	VSTDICC010	VY021954.D	22 Apr 2025 14:44	SY/MD	Ok,M
4	VSTDICC020	VY021955.D	22 Apr 2025 15:07	SY/MD	Ok,M
5	VSTDICCC050	VY021956.D	22 Apr 2025 15:29	SY/MD	Ok,M
6	VSTDICC100	VY021957.D	22 Apr 2025 15:52	SY/MD	Ok,M
7	VSTDICC150	VY021958.D	22 Apr 2025 16:15	SY/MD	Ok,M
8	IBLK	VY021959.D	22 Apr 2025 16:38	SY/MD	Ok
9	VSTDICV050	VY021960.D	22 Apr 2025 17:01	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042325

Review By	Mahesh Dadoda	Review On	4/25/2025 12:52:11 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	4/25/2025 12:54:50 AM				
SubDirectory	VY042325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133726
Initial Calibration Stds	
CCC	VP133727,VP133728
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021961.D	23 Apr 2025 09:27	SY/MD	Ok
2	VSTDCCC050	VY021962.D	23 Apr 2025 09:57	SY/MD	Ok,M
3	VY0423SBL01	VY021963.D	23 Apr 2025 10:31	SY/MD	Ok
4	VY0423SBS01	VY021964.D	23 Apr 2025 11:07	SY/MD	Ok,M
5	VY0423SBSD01	VY021965.D	23 Apr 2025 11:30	SY/MD	Ok,M
6	Q1841-01RE	VY021966.D	23 Apr 2025 13:06	SY/MD	Confirms
7	Q1851-06	VY021967.D	23 Apr 2025 13:29	SY/MD	Ok
8	Q1850-01	VY021968.D	23 Apr 2025 13:53	SY/MD	Ok
9	Q1848-01	VY021969.D	23 Apr 2025 14:16	SY/MD	Ok
10	Q1848-03	VY021970.D	23 Apr 2025 14:40	SY/MD	Ok
11	Q1848-05	VY021971.D	23 Apr 2025 15:03	SY/MD	Ok
12	Q1853-01	VY021972.D	23 Apr 2025 15:27	SY/MD	ReRun
13	Q1854-01	VY021973.D	23 Apr 2025 15:50	SY/MD	Ok
14	Q1852-01	VY021974.D	23 Apr 2025 16:13	SY/MD	Ok
15	Q1852-03	VY021975.D	23 Apr 2025 16:37	SY/MD	Ok
16	Q1852-05	VY021976.D	23 Apr 2025 17:00	SY/MD	Ok
17	Q1852-07	VY021977.D	23 Apr 2025 17:24	SY/MD	Ok
18	Q1858-01	VY021978.D	23 Apr 2025 17:47	SY/MD	Ok
19	Q1858-02	VY021979.D	23 Apr 2025 18:11	SY/MD	Ok
20	Q1858-03	VY021980.D	23 Apr 2025 18:34	SY/MD	Ok
21	Q1859-01	VY021981.D	23 Apr 2025 18:58	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042325

Review By	Mahesh Dadoda	Review On	4/25/2025 12:52:11 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	4/25/2025 12:54:50 AM				
SubDirectory	VY042325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133726
Initial Calibration Stds	
CCC	VP133727,VP133728
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1859-02	VY021982.D	23 Apr 2025 19:21	SY/MD	Ok
23	Q1859-03	VY021983.D	23 Apr 2025 19:44	SY/MD	Ok
24	Q1855-01	VY021984.D	23 Apr 2025 20:08	SY/MD	ReRun
25	VSTDCCC050	VY021985.D	23 Apr 2025 20:31	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021655.D	27 Mar 2025 09:23		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021656.D	27 Mar 2025 10:08		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021657.D	27 Mar 2025 10:31		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021658.D	27 Mar 2025 10:54	Comp.#20 is on Linear Regression	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021659.D	27 Mar 2025 11:16		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021660.D	27 Mar 2025 11:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021661.D	27 Mar 2025 12:02		SY/MD	Ok,M
8	VIBLK	VIBLK	VY021662.D	27 Mar 2025 12:35		SY/MD	Ok
9	VSTDICV050	ICVVY032725	VY021663.D	27 Mar 2025 13:15		SY/MD	Ok,M
10	VY0327SBL01	VY0327SBL01	VY021664.D	27 Mar 2025 13:59		SY/MD	Ok
11	VY0327SBS01	VY0327SBS01	VY021665.D	27 Mar 2025 14:38		SY/MD	Ok,M
12	VY0327SBSD01	VY0327SBSD01	VY021666.D	27 Mar 2025 15:00		SY/MD	Ok,M
13	Q1661-02	351	VY021667.D	27 Mar 2025 15:24	vial-B Not purge	SY/MD	Not Ok
14	Q1645-03RE	TP-4-VOCRE	VY021668.D	27 Mar 2025 15:48	vial-B Internal Standard Fail	SY/MD	Confirms
15	Q1662-03	TP-6-VOC	VY021669.D	27 Mar 2025 16:11	vial-A NOT PURGE	SY/MD	Not Ok
16	Q1662-07	TP-7-VOC	VY021670.D	27 Mar 2025 16:35	vial-A Internal Standard Fail	SY/MD	ReRun
17	Q1661-02	351	VY021671.D	27 Mar 2025 16:58	vial-A NOT PURGE	SY/MD	Not Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1650-02	STOCK-PILE-BIN2	VY021672.D	27 Mar 2025 17:21	vial-A NOT PURGE	SY/MD	Not Ok
19	Q1654-01	RT3407	VY021673.D	27 Mar 2025 17:45	vial-A Internal Standard Fail	SY/MD	Ok
20	Q1656-01	VNJ239	VY021674.D	27 Mar 2025 18:08	vial-A NOT PURGE	SY/MD	Not Ok
21	Q1648-09	TP-7	VY021675.D	27 Mar 2025 18:32	vial-A	SY/MD	Ok
22	Q1648-07	TP-6	VY021676.D	27 Mar 2025 18:55	vial-A	SY/MD	Ok
23	Q1648-05	TP-3	VY021677.D	27 Mar 2025 19:19	vial-A	SY/MD	Ok
24	Q1648-01	TP-4	VY021678.D	27 Mar 2025 19:42	vial-A	SY/MD	Ok
25	Q1648-03	TP-5	VY021679.D	27 Mar 2025 20:05	vial-A	SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY021680.D	27 Mar 2025 20:28		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042125

Review By	Semsettin Yesilyurt	Review On	4/22/2025 1:56:52 PM		
Supervise By	Mahesh Dadoda	Supervise On	4/22/2025 1:59:08 PM		
SubDirectory	VY042125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133701
Initial Calibration Stds	
CCC	VP133702,VP133703
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021934.D	21 Apr 2025 08:38		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021935.D	21 Apr 2025 09:08		SY/MD	Ok,M
3	VY0421SBL01	VY0421SBL01	VY021936.D	21 Apr 2025 09:42		SY/MD	Ok
4	VY0421SBS01	VY0421SBS01	VY021937.D	21 Apr 2025 10:18		SY/MD	Ok,M
5	VY0421SBSD01	VY0421SBSD01	VY021938.D	21 Apr 2025 10:41		SY/MD	Ok,M
6	Q1840-01RE	OK-04-04182025RE	VY021939.D	21 Apr 2025 11:37	vial-B Internal Standard Fail; Surrogate Fail	SY/MD	Confirms
7	Q1841-01	VNJ-231	VY021940.D	21 Apr 2025 12:00	vial-A Internal Standard Fail	SY/MD	ReRun
8	Q1842-02	PL-714-VOC-08	VY021941.D	21 Apr 2025 12:23	vial-A	SY/MD	Ok
9	Q1842-08	PL-714-VOC-09	VY021942.D	21 Apr 2025 12:47	vial-A	SY/MD	Ok
10	Q1842-14	PL-714-VOC-10	VY021943.D	21 Apr 2025 13:10	vial-A	SY/MD	Ok
11	Q1842-20	PL-714-VOC-11	VY021944.D	21 Apr 2025 13:34	vial-A	SY/MD	Ok
12	Q1842-26	PL-714-VOC-12	VY021945.D	21 Apr 2025 13:57	vial-A	SY/MD	Ok
13	Q1842-32	PL-714-VOC-13	VY021946.D	21 Apr 2025 14:21	vial-A	SY/MD	Ok
14	Q1842-38	PL-714-VOC-14	VY021947.D	21 Apr 2025 14:44	vial-A	SY/MD	Ok
15	Q1851-05	GP5	VY021948.D	21 Apr 2025 15:08	vial-A	SY/MD	Ok
16	Q1851-06	GP6	VY021949.D	21 Apr 2025 15:31	vial-A Internal Standard Fail	SY/MD	ReRun
17	Q1851-07	GP7	VY021950.D	21 Apr 2025 15:54	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042125

Review By	Semsettin Yesilyurt	Review On	4/22/2025 1:56:52 PM		
Supervise By	Mahesh Dadoda	Supervise On	4/22/2025 1:59:08 PM		
SubDirectory	VY042125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133701
Initial Calibration Stds	
CCC	VP133702,VP133703
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VSTDCCC050	VSTDCCC050EC	VY021951.D	21 Apr 2025 16:17		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042225

Review By	Semsettin Yesilyurt	Review On	4/23/2025 7:35:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/23/2025 1:28:52 PM		
SubDirectory	VY042225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133718
Initial Calibration Stds	VP133719,VP133720,VP133721,VP133722,VP133723,VP133724
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021952.D	22 Apr 2025 11:33		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021953.D	22 Apr 2025 13:39		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021954.D	22 Apr 2025 14:44	Com.#16 is on Linear Regression	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021955.D	22 Apr 2025 15:07		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021956.D	22 Apr 2025 15:29		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021957.D	22 Apr 2025 15:52		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021958.D	22 Apr 2025 16:15		SY/MD	Ok,M
8	IBLK	IBLK	VY021959.D	22 Apr 2025 16:38		SY/MD	Ok
9	VSTDICV050	ICVVY042225	VY021960.D	22 Apr 2025 17:01		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042325

Review By	Mahesh Dadoda	Review On	4/25/2025 12:52:11 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	4/25/2025 12:54:50 AM		
SubDirectory	VY042325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133726
Initial Calibration Stds	
CCC	VP133727,VP133728
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021961.D	23 Apr 2025 09:27		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021962.D	23 Apr 2025 09:57		SY/MD	Ok,M
3	VY0423SBL01	VY0423SBL01	VY021963.D	23 Apr 2025 10:31		SY/MD	Ok
4	VY0423SBS01	VY0423SBS01	VY021964.D	23 Apr 2025 11:07		SY/MD	Ok,M
5	VY0423SBSD01	VY0423SBSD01	VY021965.D	23 Apr 2025 11:30		SY/MD	Ok,M
6	Q1841-01RE	VNJ-231RE	VY021966.D	23 Apr 2025 13:06	vial-B Internal Standard Fail	SY/MD	Confirms
7	Q1851-06	GP6	VY021967.D	23 Apr 2025 13:29	vial-B	SY/MD	Ok
8	Q1850-01	CONCRETE-PILE-N-C-	VY021968.D	23 Apr 2025 13:53	vial-A	SY/MD	Ok
9	Q1848-01	RBR200027	VY021969.D	23 Apr 2025 14:16	vial-A	SY/MD	Ok
10	Q1848-03	ETGI-275	VY021970.D	23 Apr 2025 14:40	vial-A	SY/MD	Ok
11	Q1848-05	ETGI-342	VY021971.D	23 Apr 2025 15:03	vial-A	SY/MD	Ok
12	Q1853-01	EO-02-04222025	VY021972.D	23 Apr 2025 15:27	vial-A Internal Standard Fail	SY/MD	ReRun
13	Q1854-01	NB-08-04222025	VY021973.D	23 Apr 2025 15:50	vial-A	SY/MD	Ok
14	Q1852-01	ETGI-354	VY021974.D	23 Apr 2025 16:13	vial-A	SY/MD	Ok
15	Q1852-03	72-11977	VY021975.D	23 Apr 2025 16:37	vial-A	SY/MD	Ok
16	Q1852-05	ETGI-278	VY021976.D	23 Apr 2025 17:00	vial-A	SY/MD	Ok
17	Q1852-07	72-12013	VY021977.D	23 Apr 2025 17:24	vial-A	SY/MD	Ok
18	Q1858-01	COMP-1	VY021978.D	23 Apr 2025 17:47	vial-A	SY/MD	Ok

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042325

Review By	Mahesh Dadoda	Review On	4/25/2025 12:52:11 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	4/25/2025 12:54:50 AM		
SubDirectory	VY042325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133726
Initial Calibration Stds	
CCC	VP133727,VP133728
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1858-02	COMP-2	VY021979.D	23 Apr 2025 18:11	vial-A	SY/MD	Ok
20	Q1858-03	COMP-3	VY021980.D	23 Apr 2025 18:34	vial-A	SY/MD	Ok
21	Q1859-01	COMP-1	VY021981.D	23 Apr 2025 18:58	vial-A	SY/MD	Ok
22	Q1859-02	COMP-2	VY021982.D	23 Apr 2025 19:21	vial-A	SY/MD	Ok
23	Q1859-03	COMP-3	VY021983.D	23 Apr 2025 19:44	vial-A	SY/MD	Ok
24	Q1855-01	2001	VY021984.D	23 Apr 2025 20:08	vial-A Internal Standard Fail	SY/MD	ReRun
25	VSTDCCC050	VSTDCCC050EC	VY021985.D	23 Apr 2025 20:31		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1851	**OrderDate:**	4/21/2025 12:52:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1851-05	**GP5**	**SOIL**			**04/21/25**			**04/21/25**
			VOCMS Group1	8260D			04/21/25	
Q1851-06	**GP6**	**SOIL**			**04/21/25**			**04/21/25**
			VOCMS Group1	8260D			04/23/25	
Q1851-07	**GP7**	**SOIL**			**04/21/25**			**04/21/25**
			VOCMS Group1	8260D			04/21/25	