284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2826

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

Raw Data: **VY023099.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:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
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:	Date Analyzed	Prep Batch ID
VY023099.D	1	08/14/25 16:44	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.88	U	0.88	5.50	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.50	ug/Kg
67-64-1	Acetone	5.30	U	5.30	27.7	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.81	U	0.81	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.89	U	0.89	5.50	ug/Kg
110-82-7	Cyclohexane	0.88	U	0.88	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.83	U	0.83	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.93	U	0.93	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.88	U	0.88	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.88	U	0.88	5.50	ug/Kg
79-01-6	Trichloroethene	0.90	U	0.90	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	0.86	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	27.7	ug/Kg
108-88-3	Toluene	0.86	U	0.86	5.50	ug/Kg

Raw Data: **VY023099.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
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:	Date Analyzed	Prep Batch ID
VY023099.D	1	08/14/25 16:44	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.69	U	0.69	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	27.7	ug/Kg
124-48-1	Dibromochloromethane	0.96	U	0.96	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	0.98	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.74	U	0.74	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.1	ug/Kg
95-47-6	o-Xylene	0.91	U	0.91	5.50	ug/Kg
100-42-5	Styrene	0.79	U	0.79	5.50	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	0.86	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.3		70 (63) - 130 (155)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.2		70 (17) - 130 (146)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	266000	7.707			
540-36-3	1,4-Difluorobenzene	461000	8.609			
3114-55-4	Chlorobenzene-d5	381000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	151000	13.34			

Raw Data: **VY023099.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
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:	Date Analyzed	Prep Batch ID
VY023099.D	1	08/14/25 16:44	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2826

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2826-01	WC1	1,2-Dichloroethane-d4	50	55.3	111		70 (63)	130 (155)
		Dibromofluoromethane	50	53.4	107		70 (70)	130 (134)
		Toluene-d8	50	51.0	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	43.2	86		70 (17)	130 (146)
VY0814SBL01	VY0814SBL01	1,2-Dichloroethane-d4	50	57.9	116		70 (63)	130 (155)
		Dibromofluoromethane	50	53.5	107		70 (70)	130 (134)
		Toluene-d8	50	53.0	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.1	90		70 (17)	130 (146)
VY0814SBS01	VY0814SBS01	1,2-Dichloroethane-d4	50	50.3	101		70 (63)	130 (155)
		Dibromofluoromethane	50	50.1	100		70 (70)	130 (134)
		Toluene-d8	50	50.9	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.7	95		70 (17)	130 (146)
VY0814SBSD01	VY0814SBSD01	1,2-Dichloroethane-d4	50	54.2	108		70 (63)	130 (155)
		Dibromofluoromethane	50	52.6	105		70 (70)	130 (134)
		Toluene-d8	50	52.7	105		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.8	102		70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023086.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0814SBS01	Dichlorodifluoromethane	20	20.0	ug/Kg	100			40 (64)	160 (136)	
	Chloromethane	20	23.1	ug/Kg	116			40 (52)	160 (151)	
	Vinyl chloride	20	23.1	ug/Kg	116			70 (56)	130 (148)	
	Bromomethane	20	23.3	ug/Kg	117			40 (58)	160 (141)	
	Chloroethane	20	23.5	ug/Kg	117			40 (69)	160 (130)	
	Trichlorofluoromethane	20	21.8	ug/Kg	109			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104			70 (81)	130 (123)	
	1,1-Dichloroethene	20	20.0	ug/Kg	100			70 (79)	130 (121)	
	Acetone	100	94.2	ug/Kg	94			40 (40)	160 (171)	
	Carbon disulfide	20	20.6	ug/Kg	103			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	17.9	ug/Kg	90			70 (77)	130 (129)	
	Methyl Acetate	20	17.8	ug/Kg	89			70 (69)	130 (149)	
	Methylene Chloride	20	20.4	ug/Kg	102			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.7	ug/Kg	104			70 (82)	130 (123)	
	Cyclohexane	20	19.4	ug/Kg	97			70 (76)	130 (122)	
	2-Butanone	100	88.8	ug/Kg	89			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.1	ug/Kg	101			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101			70 (82)	130 (123)	
	Bromochloromethane	20	20.3	ug/Kg	102			70 (80)	130 (127)	
	Chloroform	20	20.6	ug/Kg	103			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103			70 (80)	130 (126)	
	Methylcyclohexane	20	18.7	ug/Kg	94			70 (77)	130 (123)	
	Benzene	20	20.3	ug/Kg	102			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.0	ug/Kg	100			70 (81)	130 (126)	
	Trichloroethene	20	20.5	ug/Kg	103			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.6	ug/Kg	103			70 (83)	130 (122)	
	Bromodichloromethane	20	20.0	ug/Kg	100			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	83.5	ug/Kg	84			40 (70)	160 (135)	
	Toluene	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	18.5	ug/Kg	93			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	18.7	ug/Kg	94			70 (82)	130 (125)	
	2-Hexanone	100	81.9	ug/Kg	82			40 (66)	160 (138)	
	Dibromochloromethane	20	18.8	ug/Kg	94			70 (79)	130 (125)	
	1,2-Dibromoethane	20	18.5	ug/Kg	93			70 (80)	130 (125)	
	Tetrachloroethene	20	21.5	ug/Kg	108			70 (83)	130 (125)	
	Chlorobenzene	20	19.7	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	19.4	ug/Kg	97			70 (82)	130 (124)	
	m/p-Xylenes	40	38.9	ug/Kg	97			70 (83)	130 (124)	
	o-Xylene	20	19.0	ug/Kg	95			70 (83)	130 (123)	
	Styrene	20	19.2	ug/Kg	96			70 (82)	130 (124)	
	Bromoform	20	18.2	ug/Kg	91			70 (75)	130 (127)	
	Isopropylbenzene	20	19.3	ug/Kg	97			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	17.2	ug/Kg	86			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.5	ug/Kg	98			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.6	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.2	ug/Kg	96			70 (83)	130 (124)	

( ) = 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.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023086.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0814SBS01	1,2-Dibromo-3-Chloropropane	20	17.0	ug/Kg	85			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	17.6	ug/Kg	88			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	17.3	ug/Kg	86			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023087.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0814SBSD01	Dichlorodifluoromethane	20	21.7	ug/Kg	109	9		40 (64)	160 (136)	30 (20)
	Chloromethane	20	24.5	ug/Kg	123	6		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	24.5	ug/Kg	123	6		70 (56)	130 (148)	30 (20)
	Bromomethane	20	25.2	ug/Kg	126	7		40 (58)	160 (141)	30 (20)
	Chloroethane	20	24.6	ug/Kg	123	5		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	22.0	ug/Kg	110	1		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	22.0	ug/Kg	110	6		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	21.3	ug/Kg	106	6		70 (79)	130 (121)	30 (20)
	Acetone	100	100	ug/Kg	100	6		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	22.0	ug/Kg	110	7		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101	12		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	20.7	ug/Kg	104	16		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	22.8	ug/Kg	114	11		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	21.4	ug/Kg	107	6		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	22.0	ug/Kg	110	6		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.6	ug/Kg	103	6		70 (76)	130 (122)	30 (20)
	2-Butanone	100	99.2	ug/Kg	99	11		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	21.0	ug/Kg	105	4		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	21.4	ug/Kg	107	6		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	21.9	ug/Kg	110	8		70 (80)	130 (127)	30 (20)
	Chloroform	20	22.1	ug/Kg	111	7		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	21.7	ug/Kg	109	6		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	19.7	ug/Kg	99	5		70 (77)	130 (123)	30 (20)
	Benzene	20	21.5	ug/Kg	108	6		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	21.0	ug/Kg	105	5		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.7	ug/Kg	104	1		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	21.3	ug/Kg	106	3		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	21.3	ug/Kg	106	6		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	96.5	ug/Kg	97	14		40 (70)	160 (135)	30 (20)
	Toluene	20	21.1	ug/Kg	106	7		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	20.4	ug/Kg	102	9		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	20.6	ug/Kg	103	6		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	20.7	ug/Kg	104	10		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	95.5	ug/Kg	96	16		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	20.4	ug/Kg	102	8		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	20.5	ug/Kg	103	10		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	19.6	ug/Kg	98	10		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	21.1	ug/Kg	106	7		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	20.4	ug/Kg	102	5		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	41.7	ug/Kg	104	7		70 (83)	130 (124)	30 (20)
	o-Xylene	20	20.5	ug/Kg	103	8		70 (83)	130 (123)	30 (20)
	Styrene	20	20.6	ug/Kg	103	7		70 (82)	130 (124)	30 (20)
	Bromoform	20	20.3	ug/Kg	102	11		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	20.1	ug/Kg	101	4		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	20.9	ug/Kg	104	19		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105	7		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	20.8	ug/Kg	104	6		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	20.7	ug/Kg	104	8		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023087.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0814SBSD01	1,2-Dibromo-3-Chloropropane	20	19.3	ug/Kg	97	13		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	19.2	ug/Kg	96	9		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95	10		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY0814SBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: VY023085.D Lab Sample ID: VY0814SBL01

Date Analyzed: 08/14/2025 Time Analyzed: 10:50

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
VY0814SBS01	VY0814SBS01	VY023086.D	08/14/2025
VY0814SBSD01	VY0814SBSD01	VY023087.D	08/14/2025
WC1	Q2826-01	VY023099.D	08/14/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2826

Lab File ID: VY023048.D | BFB Injection Date: 08/12/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:26

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	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	83.2
175	5.0 - 9.0% of mass 174	6.3 (7.6) 1
176	95.0 - 101.0% of mass 174	80.9 (97.2) 1
177	5.0 - 9.0% of mass 176	5.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023050.D	08/12/2025	14:54
VSTDICC010	VSTDICC010	VY023051.D	08/12/2025	15:17
VSTDICC020	VSTDICC020	VY023052.D	08/12/2025	15:40
VSTDICCC050	VSTDICCC050	VY023053.D	08/12/2025	16:02
VSTDICC100	VSTDICC100	VY023054.D	08/12/2025	16:25
VSTDICC150	VSTDICC150	VY023055.D	08/12/2025	16:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2826

Lab File ID: VY023083.D | BFB Injection Date: 08/14/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 09:48

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	20.5
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	84
175	5.0 - 9.0% of mass 174	6.4 (7.6) 1
176	95.0 - 101.0% of mass 174	81.2 (96.6) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023084.D	08/14/2025	10:17
VY0814SBL01	VY0814SBL01	VY023085.D	08/14/2025	10:50
VY0814SBS01	VY0814SBS01	VY023086.D	08/14/2025	11:22
VY0814SBSD01	VY0814SBSD01	VY023087.D	08/14/2025	11:45
WC1	Q2826-01	VY023099.D	08/14/2025	16:44

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: VY023084.D Date Analyzed: 08/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:17

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	410930	7.71	647551	8.62	582049	11.41
UPPER LIMIT	821860	8.207	1295100	9.116	1164100	11.914
LOWER LIMIT	205465	7.207	323776	8.116	291025	10.914
EPA SAMPLE NO.						
WC1	266207	7.71	460667	8.61	381025	11.41
VY0814SBL01	514218	7.71	1013413	8.62	885359	11.41
VY0814SBS01	455827	7.71	734618	8.61	641778	11.41
VY0814SBSD01	440114	7.71	717756	8.61	626725	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: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2826

Lab File ID: VY023084.D Date Analyzed: 08/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:17

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

	IS4 AREA #	RT #				
12 HOUR STD	290049	13.346				
UPPER LIMIT	580098	13.846				
LOWER LIMIT	145025	12.846				
EPA SAMPLE NO.						
WC1	151348	13.34				
VY0814SBL01	340788	13.35				
VY0814SBS01	309825	13.34				
VY0814SBSD01	312365	13.34				

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:	Ave B	Date Received:	
Client Sample ID:	VY0814SBL01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBL01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VY023085.D	1	08/14/25 10:50	VY081425

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

Raw Data: **VY023085.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	VY0814SBL01		SDG No.:	Q2826	
Lab Sample ID:	VY0814SBL01		Matrix:	SOIL	
Analytical Method:	8260D		% 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:	Date Analyzed	Prep Batch ID
VY023085.D	1	08/14/25 10:50	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.9		70 (63) - 130 (155)	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	53.0		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		70 (17) - 130 (146)	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	514000	7.707			
540-36-3	1,4-Difluorobenzene	1010000	8.616			
3114-55-4	Chlorobenzene-d5	885000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	341000	13.346			

Raw Data: **VY023085.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBL01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBL01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VY023085.D	1	08/14/25 10:50	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBS01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBS01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VY023086.D	1	08/14/25 11:22	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.0		1.10	5.00	ug/Kg
74-87-3	Chloromethane	23.1		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	23.1		0.79	5.00	ug/Kg
74-83-9	Bromomethane	23.3		1.10	5.00	ug/Kg
75-00-3	Chloroethane	23.5		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	94.2		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	17.9		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.4		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.7		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.4		0.79	5.00	ug/Kg
78-93-3	2-Butanone	88.8		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.1		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.1		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.6		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.7		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	83.5		3.60	25.0	ug/Kg
108-88-3	Toluene	19.8		0.78	5.00	ug/Kg

Raw Data: **VY023086.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	VY0814SBS01		SDG No.:	Q2826	
Lab Sample ID:	VY0814SBS01		Matrix:	SOIL	
Analytical Method:	8260D		% 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:	Date Analyzed	Prep Batch ID
VY023086.D	1	08/14/25 11:22	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	18.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	18.7		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	81.9		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	18.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	18.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.7		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	38.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.0		0.82	5.00	ug/Kg
100-42-5	Styrene	19.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.3		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.2		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	17.6		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	17.3		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		70 (17) - 130 (146)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	7.707			
540-36-3	1,4-Difluorobenzene	735000	8.609			
3114-55-4	Chlorobenzene-d5	642000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	310000	13.34			

Raw Data: **VY023086.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBS01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBS01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VY023086.D	1	08/14/25 11:22	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBSD01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VY023087.D	1	08/14/25 11:45	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	24.5		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	24.5		0.79	5.00	ug/Kg
74-83-9	Bromomethane	25.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	24.6		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.0		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.3		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.0		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.4		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.0		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.6		0.79	5.00	ug/Kg
78-93-3	2-Butanone	99.2		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.0		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.1		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.7		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.7		0.91	5.00	ug/Kg
71-43-2	Benzene	21.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.3		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	96.5		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

Raw Data: **VY023087.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:		
Project:	Ave B		Date Received:		
Client Sample ID:	VY0814SBSD01		SDG No.:	Q2826	
Lab Sample ID:	VY0814SBSD01		Matrix:	SOIL	
Analytical Method:	8260D		% 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:	Date Analyzed	Prep Batch ID
VY023087.D	1	08/14/25 11:45	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.6		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	95.5		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.4		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.7		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.3		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.0		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		70 (63) - 130 (155)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	52.7		70 (74) - 130 (123)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		70 (17) - 130 (146)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	440000	7.707			
540-36-3	1,4-Difluorobenzene	718000	8.609			
3114-55-4	Chlorobenzene-d5	627000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	312000	13.34			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VY0814SBSD01	SDG No.:	Q2826
Lab Sample ID:	VY0814SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VY023087.D	1	08/14/25 11:45	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: MSVOA_Y Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Calibration Time(s): 14:54 16:47

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

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.487	0.463	0.460	0.348	0.337	0.354	0.408	16.8
Chloromethane	0.699	0.707	0.736	0.607	0.603	0.613	0.661	9
Vinyl Chloride	0.868	0.870	0.875	0.769	0.754	0.766	0.817	7.3
Bromomethane	0.673	0.638	0.653	0.540	0.576	0.581	0.610	8.5
Chloroethane	0.585	0.567	0.569	0.515	0.508	0.516	0.543	6.2
Trichlorofluoromethane	1.059	1.044	1.048	0.937	0.900	0.974	0.994	6.7
1,1,2-Trichlorotrifluoroethane	0.522	0.519	0.521	0.462	0.445	0.472	0.490	7
1,1-Dichloroethene	0.492	0.505	0.502	0.463	0.454	0.475	0.482	4.4
Acetone	0.110	0.111	0.106	0.103	0.094	0.096	0.103	6.9
Carbon Disulfide	1.656	1.663	1.662	1.491	1.453	1.501	1.571	6.3
Methyl tert-butyl Ether	1.181	1.268	1.296	1.236	1.202	1.308	1.249	4.1
Methyl Acetate	0.299	0.308	0.325	0.322	0.280	0.309	0.307	5.4
Methylene Chloride	0.861	0.706	0.606	0.510	0.511	0.524	0.620	22.7
trans-1,2-Dichloroethene	0.535	0.561	0.559	0.523	0.520	0.550	0.541	3.3
1,1-Dichloroethane	0.929	0.969	0.984	0.918	0.907	0.945	0.942	3.1
Cyclohexane	1.040	0.934	0.905	0.816	0.792	0.838	0.888	10.4
2-Butanone	0.135	0.152	0.143	0.142	0.129	0.142	0.140	5.5
Carbon Tetrachloride	0.490	0.486	0.505	0.466	0.466	0.484	0.483	3.1
cis-1,2-Dichloroethene	0.621	0.624	0.645	0.607	0.610	0.648	0.626	2.8
Bromochloromethane	0.367	0.379	0.393	0.365	0.367	0.371	0.374	2.9
Chloroform	0.969	0.997	1.002	0.943	0.936	0.981	0.971	2.8
1,1,1-Trichloroethane	0.862	0.877	0.899	0.837	0.833	0.864	0.862	2.8
Methylcyclohexane	0.574	0.579	0.605	0.566	0.575	0.614	0.586	3.3
Benzene	1.354	1.375	1.430	1.334	1.334	1.395	1.370	2.8
1,2-Dichloroethane	0.353	0.370	0.371	0.347	0.339	0.359	0.356	3.6
Trichloroethene	0.354	0.355	0.373	0.341	0.342	0.359	0.354	3.3
1,2-Dichloropropane	0.303	0.321	0.326	0.309	0.309	0.325	0.315	3.1
Bromodichloromethane	0.446	0.464	0.489	0.459	0.456	0.481	0.466	3.5
4-Methyl-2-Pentanone	0.168	0.201	0.200	0.199	0.190	0.211	0.195	7.7
Toluene	0.817	0.851	0.902	0.858	0.873	0.921	0.870	4.3

* 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,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: MSVOA_Y Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Calibration Time(s): 14:54 16:47

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

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.377	0.410	0.435	0.420	0.428	0.459	0.422	6.5
cis-1,3-Dichloropropene	0.457	0.486	0.513	0.496	0.500	0.540	0.499	5.5
1,1,2-Trichloroethane	0.230	0.242	0.253	0.239	0.236	0.254	0.242	4
2-Hexanone	0.112	0.134	0.137	0.136	0.131	0.146	0.133	8.6
Dibromochloromethane	0.300	0.317	0.326	0.318	0.316	0.340	0.320	4.1
1,2-Dibromoethane	0.206	0.232	0.237	0.226	0.222	0.242	0.228	5.6
Tetrachloroethene	0.477	0.463	0.475	0.435	0.393	0.437	0.446	7.2
Chlorobenzene	1.062	1.070	1.116	1.055	1.057	1.111	1.079	2.6
Ethyl Benzene	1.775	1.795	1.894	1.859	1.858	1.956	1.856	3.6
m/p-Xylenes	0.676	0.699	0.745	0.718	0.737	0.774	0.725	4.8
o-Xylene	0.605	0.643	0.696	0.686	0.702	0.742	0.679	7.1
Styrene	0.945	1.023	1.140	1.123	1.176	1.254	1.110	10
Bromoform	0.197	0.213	0.216	0.214	0.213	0.231	0.214	5
Isopropylbenzene	3.420	3.483	3.602	3.505	3.514	3.650	3.529	2.4
1,1,2,2-Tetrachloroethane	0.584	0.647	0.605	0.585	0.581	0.613	0.603	4.2
1,3-Dichlorobenzene	1.600	1.642	1.701	1.610	1.656	1.752	1.660	3.5
1,4-Dichlorobenzene	1.687	1.657	1.680	1.601	1.597	1.660	1.647	2.3
1,2-Dichlorobenzene	1.410	1.472	1.496	1.420	1.438	1.499	1.456	2.7
1,2-Dibromo-3-Chloropropane	0.093	0.096	0.094	0.095	0.086	0.098	0.094	4.3
1,2,4-Trichlorobenzene	0.788	0.839	0.881	0.847	0.856	0.955	0.861	6.4
1,2,3-Trichlorobenzene	0.685	0.733	0.752	0.720	0.727	0.834	0.742	6.7
1,2-Dichloroethane-d4	0.491	0.490	0.482	0.462	0.472	0.462	0.477	2.7
Dibromofluoromethane	0.290	0.299	0.301	0.293	0.307	0.305	0.299	2.1
Toluene-d8	1.151	1.157	1.173	1.143	1.202	1.186	1.169	1.9
4-Bromofluorobenzene	0.358	0.367	0.367	0.370	0.399	0.394	0.376	4.4

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2826
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/14/2025 10:17
Lab File ID: VY023084.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.368		-9.8	20
Chloromethane	0.661	0.738	0.1	11.65	20
Vinyl Chloride	0.817	0.946		15.79	20
Bromomethane	0.610	0.701		14.92	20
Chloroethane	0.543	0.665		22.47	20
Trichlorofluoromethane	0.994	1.067		7.34	20
1,1,2-Trichlorotrifluoroethane	0.490	0.530		8.16	20
1,1-Dichloroethene	0.482	0.512		6.22	20
Acetone	0.103	0.106		2.91	20
Carbon Disulfide	1.571	1.688		7.45	20
Methyl tert-butyl Ether	1.249	1.278		2.32	20
Methyl Acetate	0.307	0.311		1.3	20
Methylene Chloride	0.620	0.608		-1.93	20
trans-1,2-Dichloroethene	0.541	0.599		10.72	20
1,1-Dichloroethane	0.942	1.065	0.1	13.06	20
Cyclohexane	0.888	0.899		1.24	20
2-Butanone	0.140	0.142		1.43	20
Carbon Tetrachloride	0.483	0.543		12.42	20
cis-1,2-Dichloroethene	0.626	0.688		9.9	20
Bromochloromethane	0.374	0.440		17.65	20
Chloroform	0.971	1.102		13.49	20
1,1,1-Trichloroethane	0.862	0.962		11.6	20
Methylcyclohexane	0.586	0.637		8.7	20
Benzene	1.370	1.568		14.45	20
1,2-Dichloroethane	0.356	0.398		11.8	20
Trichloroethene	0.354	0.397		12.15	20
1,2-Dichloropropane	0.315	0.366		16.19	20
Bromodichloromethane	0.466	0.532		14.16	20
4-Methyl-2-Pentanone	0.195	0.203		4.1	20
Toluene	0.870	1.000		14.94	20
t-1,3-Dichloropropene	0.422	0.465		10.19	20
cis-1,3-Dichloropropene	0.499	0.557		11.62	20
1,1,2-Trichloroethane	0.242	0.267		10.33	20
2-Hexanone	0.133	0.137		3.01	20
Dibromochloromethane	0.320	0.358		11.88	20
1,2-Dibromoethane	0.228	0.247		8.33	20
Tetrachloroethene	0.446	0.495		10.99	20
Chlorobenzene	1.079	1.192	0.3	10.47	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: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2826

Instrument ID: MSVOA_Y Calibration Date/Time: 08/14/2025 10:17

Lab File ID: VY023084.D Init. Calib. Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 14:54 16:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.856	2.084		12.28	20
m/p-Xylenes	0.725	0.824		13.65	20
o-Xylene	0.679	0.765		12.67	20
Styrene	1.110	1.298		16.94	20
Bromoform	0.214	0.221	0.1	3.27	20
Isopropylbenzene	3.529	3.976		12.67	20
1,1,2,2-Tetrachloroethane	0.603	0.622	0.3	3.15	20
1,3-Dichlorobenzene	1.660	1.864		12.29	20
1,4-Dichlorobenzene	1.647	1.816		10.26	20
1,2-Dichlorobenzene	1.456	1.620		11.26	20
1,2-Dibromo-3-Chloropropane	0.094	0.097		3.19	20
1,2,4-Trichlorobenzene	0.861	0.892		3.6	20
1,2,3-Trichlorobenzene	0.742	0.759		2.29	20
1,2-Dichloroethane-d4	0.477	0.540		13.21	20
Dibromofluoromethane	0.299	0.344		15.05	20
Toluene-d8	1.169	1.352		15.65	20
4-Bromofluorobenzene	0.376	0.427		13.56	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\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Time: Aug 18 01:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	266207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	460667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	381025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	151348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	140324	55.308	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.620%			
35) Dibromofluoromethane	7.628	113	147151	53.384	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.760%			
50) Toluene-d8	10.103	98	549595	51.038	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.401	95	149480	43.164	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.320%			

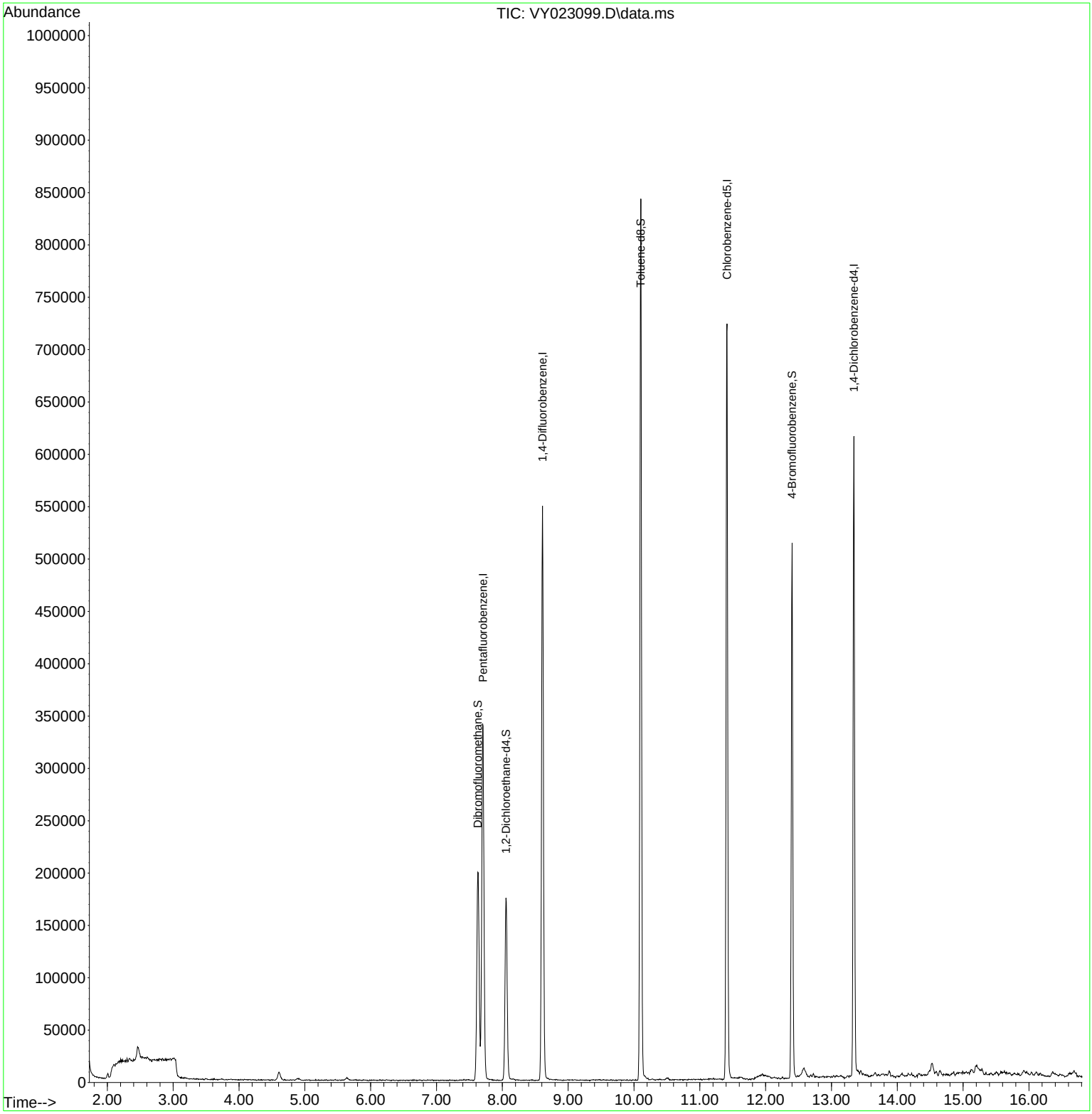
Target Compounds Qvalue

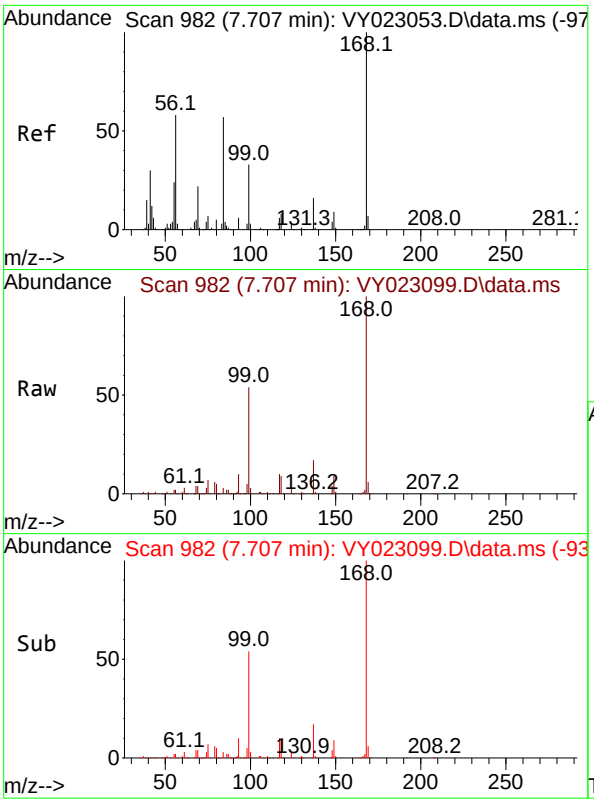
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Time: Aug 18 01:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



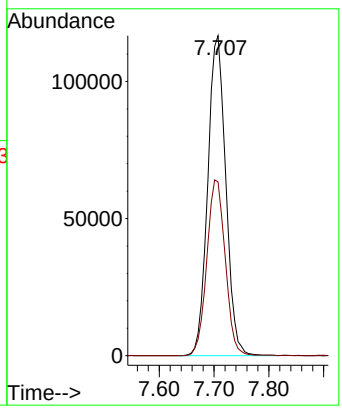


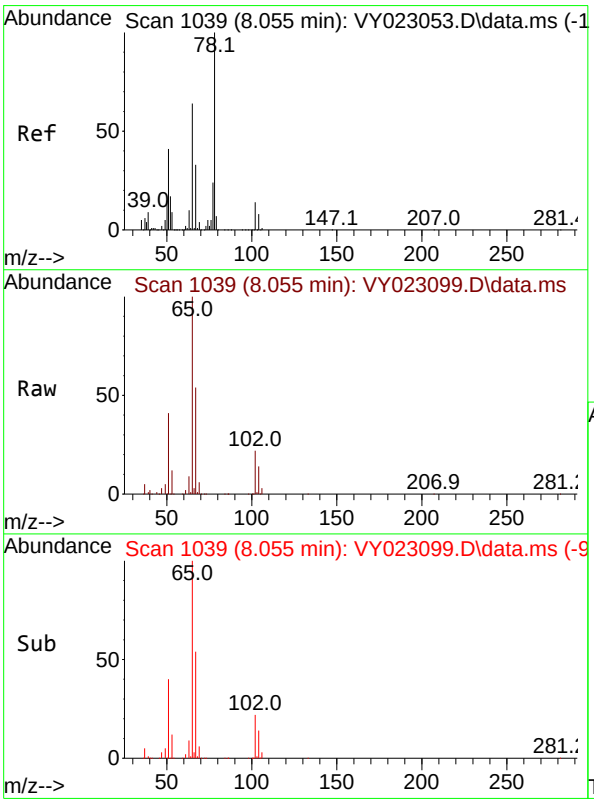
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion:168 Resp: 266207

Ion	Ratio	Lower	Upper
168	100		
99	54.3	42.8	64.2

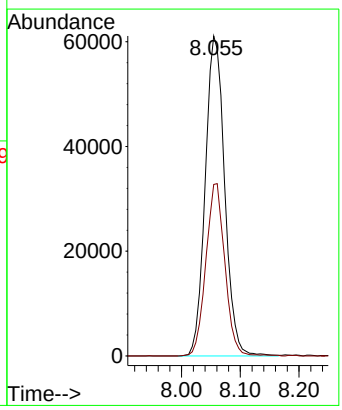


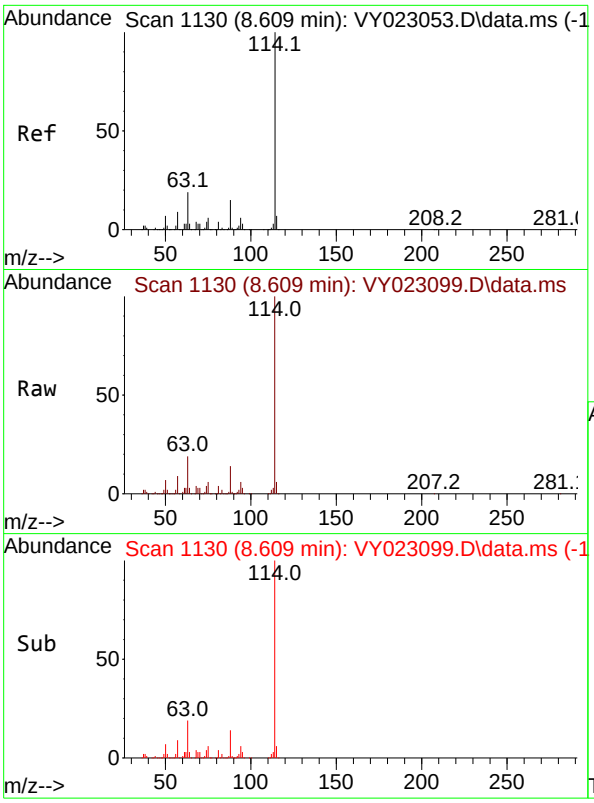


#33
1,2-Dichloroethane-d4
Concen: 55.308 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion: 65 Resp: 140324

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8



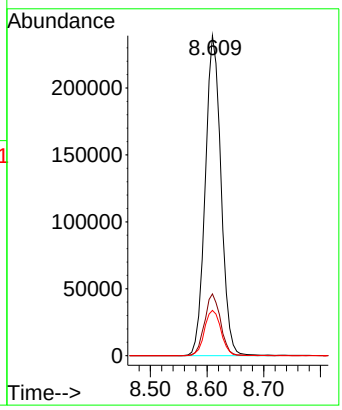


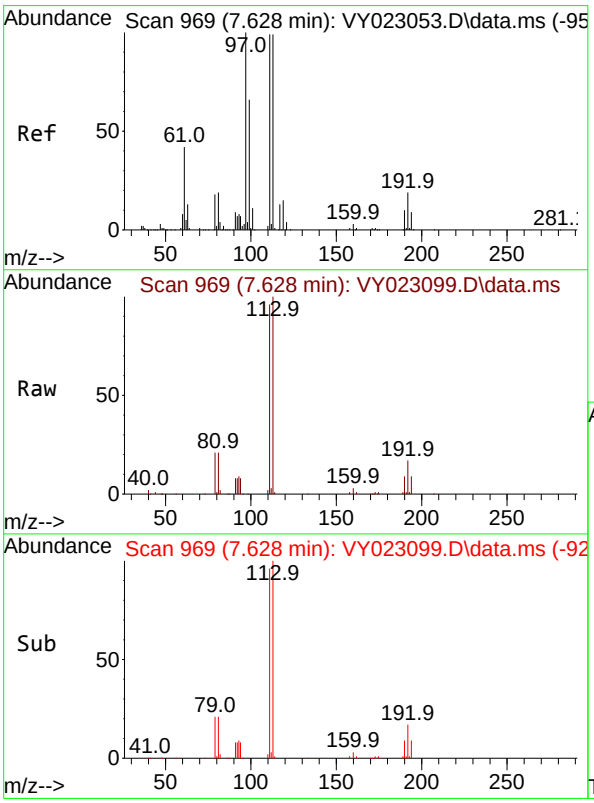
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion:114 Resp: 460667

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	14.1	0.0	30.0

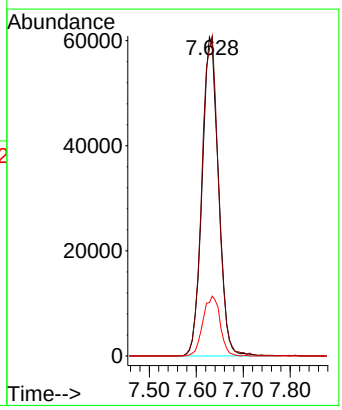


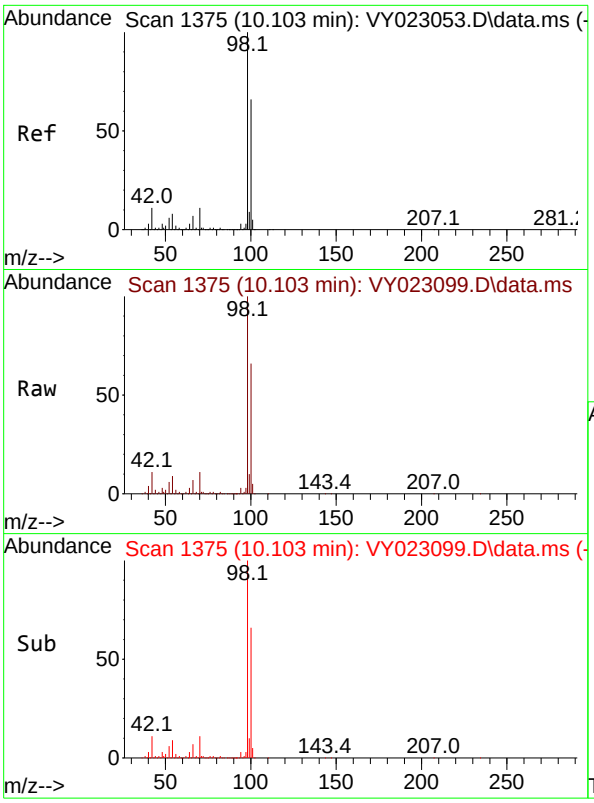


#35
Dibromofluoromethane
Concen: 53.384 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion:113 Resp: 147151

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	19.5	16.2	24.4



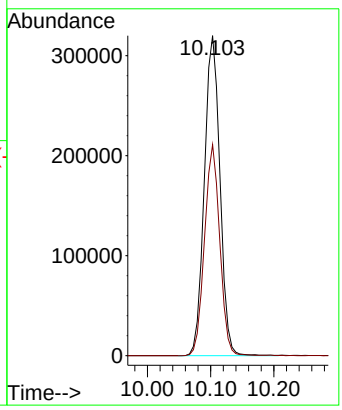


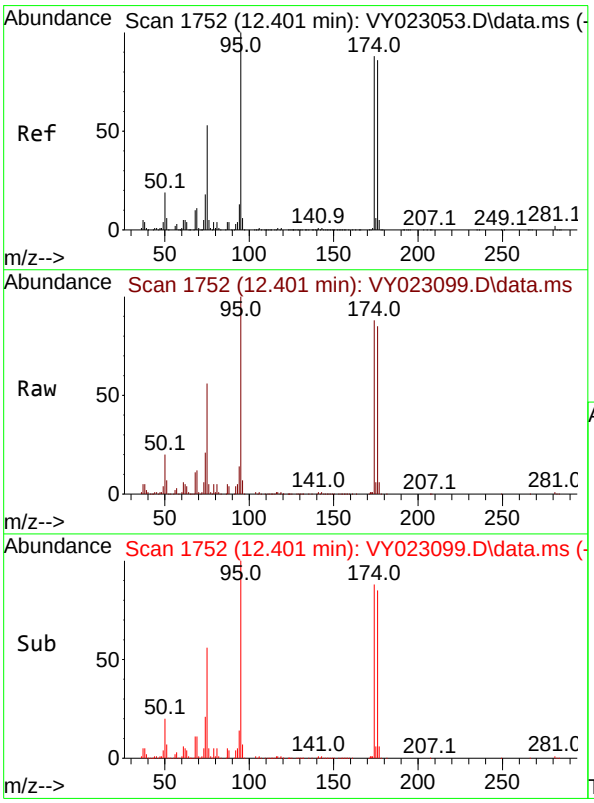
#50
Toluene-d8
Concen: 51.038 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion: 98 Resp: 549595

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5

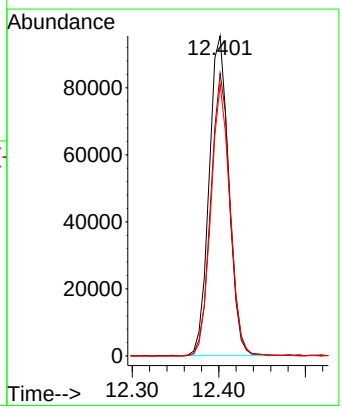


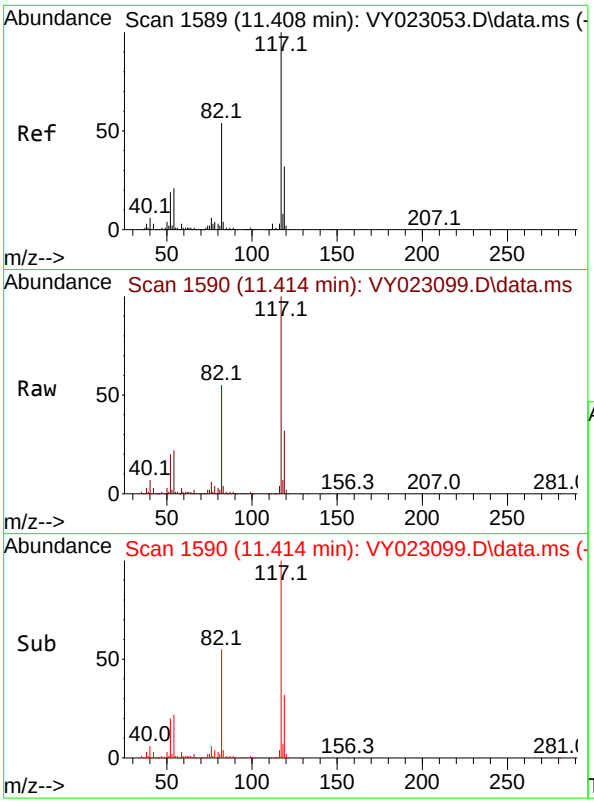


#62
4-Bromofluorobenzene
Concen: 43.164 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion: 95 Resp: 149480

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	171.6
176	83.4	0.0	167.6



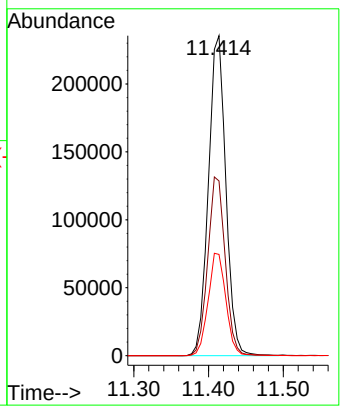


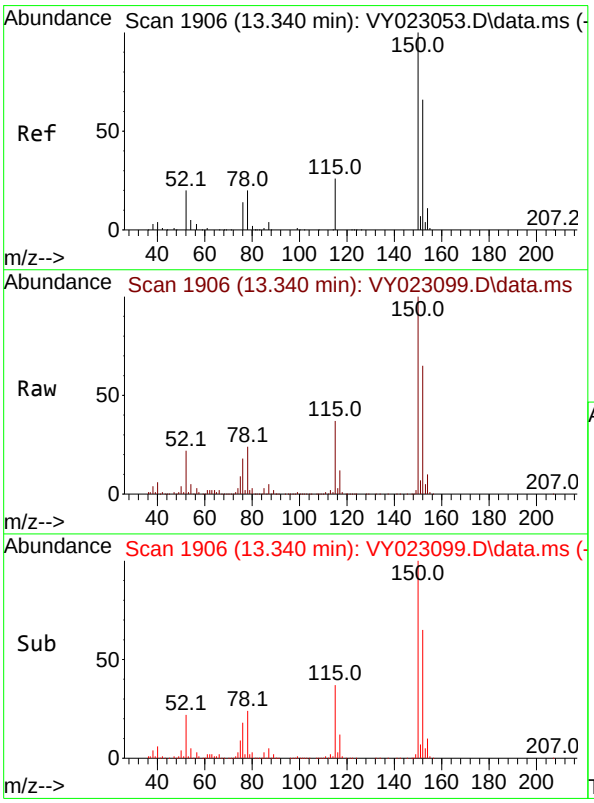
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Tgt Ion:117 Resp: 381025

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.4	65.0
119	31.6	25.6	38.4

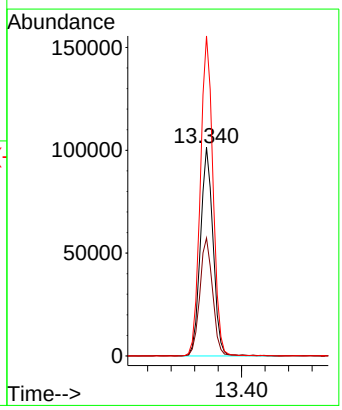




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY023099.D
Acq: 14 Aug 2025 16:44

Tgt Ion:152 Resp: 151348

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.6
150	153.8	0.0	348.0



Sample Results: **VY023099.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

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\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.098	52	62	65	rBV5	11737	37870	2.62%	0.520%
2	2.458	118	121	128	rVB7	9900	21339	1.48%	0.293%
3	4.610	464	474	480	rBV5	7759	22415	1.55%	0.308%
4	7.628	957	969	975	rBV2	199243	494016	34.19%	6.782%
5	7.701	975	981	993	rVB	339841	791730	54.80%	10.870%
6	8.055	1026	1039	1050	rBV	174401	400489	27.72%	5.498%
7	8.609	1121	1130	1143	rBV	548797	1073116	74.27%	14.733%
8	10.103	1367	1375	1384	rBV	842064	1444853	100.00%	19.836%
9	11.414	1581	1590	1600	rBV	721812	1198596	82.96%	16.455%
10	12.401	1745	1752	1763	rBV	510912	803025	55.58%	11.025%
11	12.584	1768	1782	1791	rVV10	8337	33118	2.29%	0.455%
12	13.340	1899	1906	1915	rBV	610766	930076	64.37%	12.769%
13	14.529	2089	2101	2107	rBV8	10683	33291	2.30%	0.457%

Sum of corrected areas: 7283934

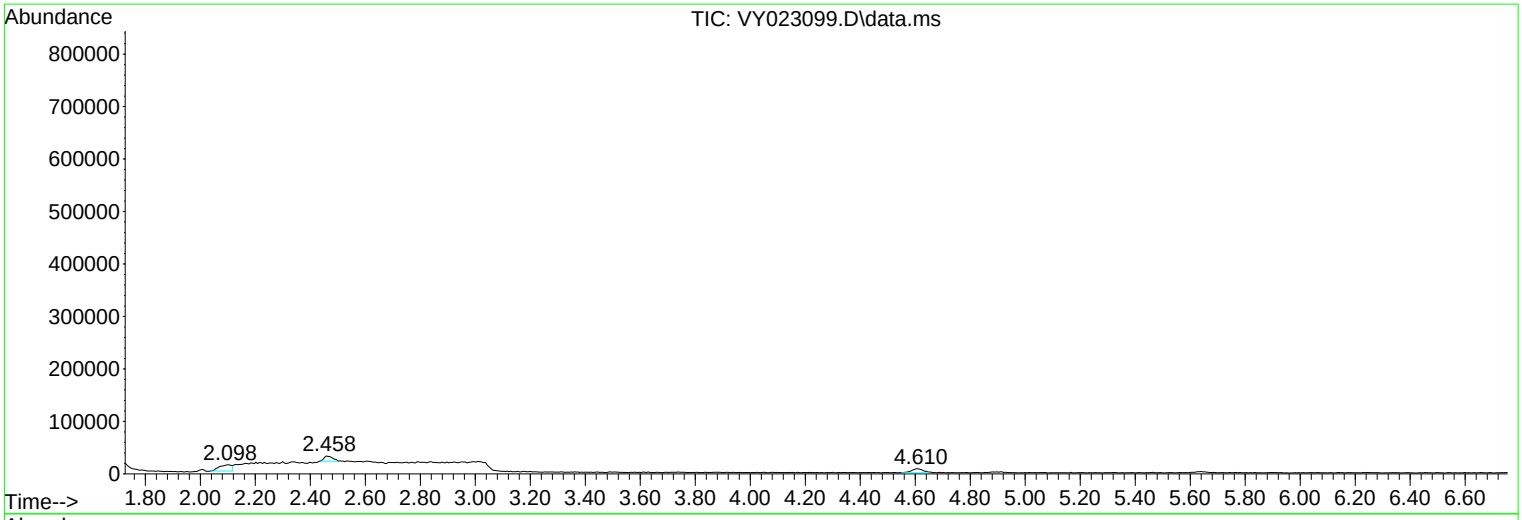
Sample Results: **VY023099.D**

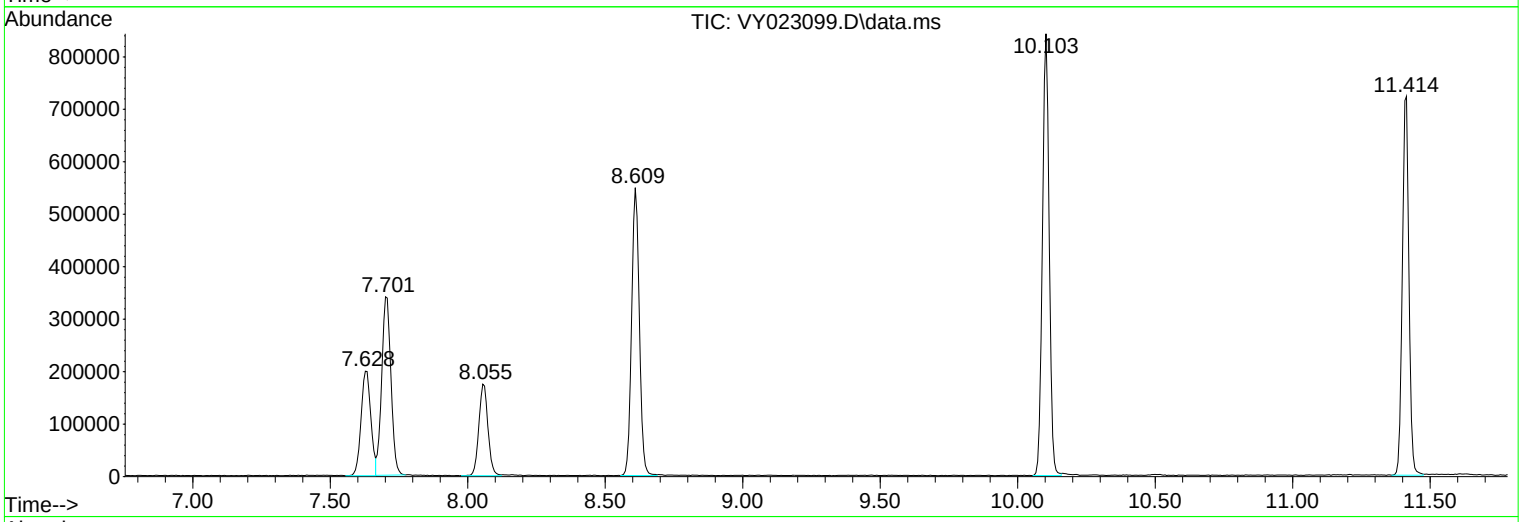
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

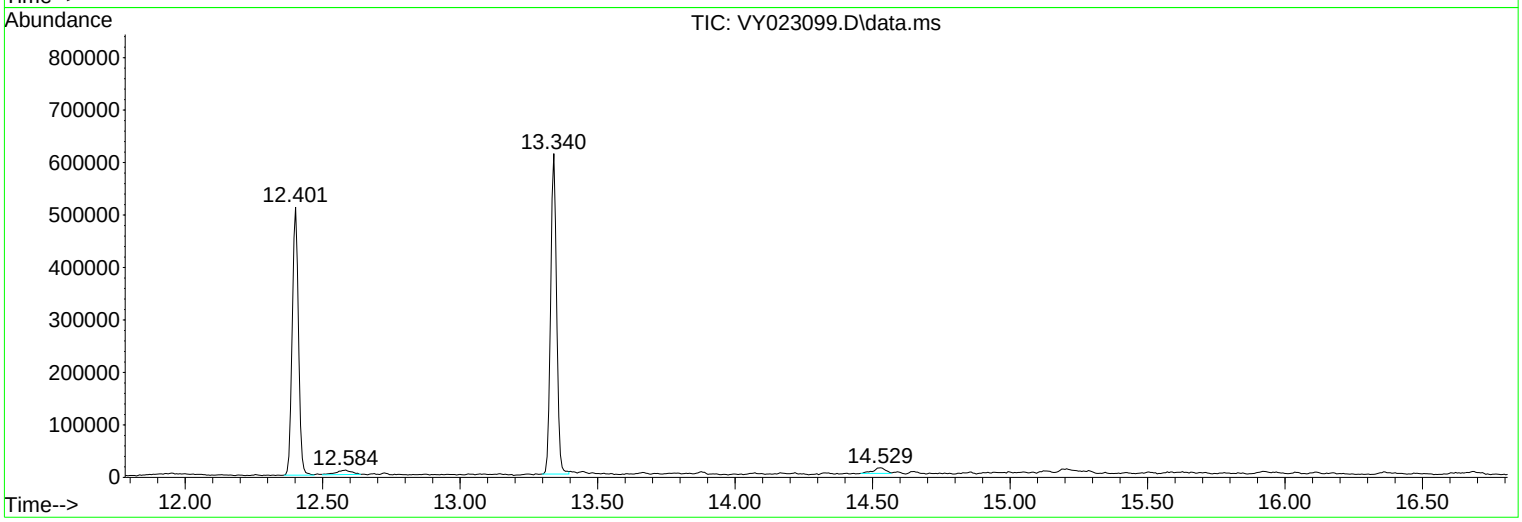
Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY023099.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.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\VY081425\
Data File : VY023099.D
Acq On : 14 Aug 2025 16:44
Operator : SY/MD
Sample : Q2826-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.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\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Time: Aug 14 14:46:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

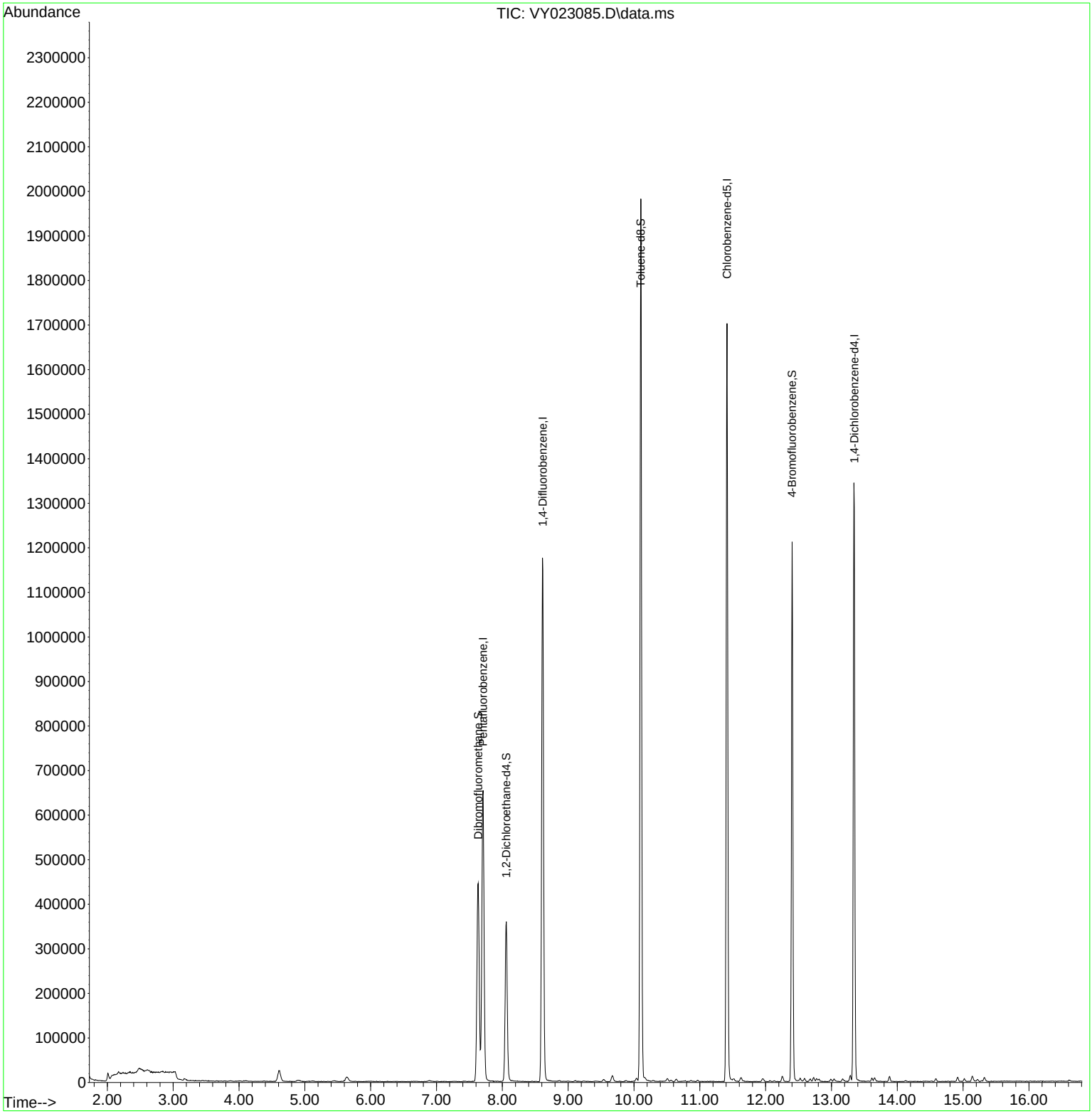
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	514218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1013413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	885359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	340788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	283810	57.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.820%			
35) Dibromofluoromethane	7.634	113	324298	53.480	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.960%			
50) Toluene-d8	10.103	98	1256505	53.041	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.080%			
62) 4-Bromofluorobenzene	12.402	95	343286	45.060	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.120%			
Target Compounds						Qvalue

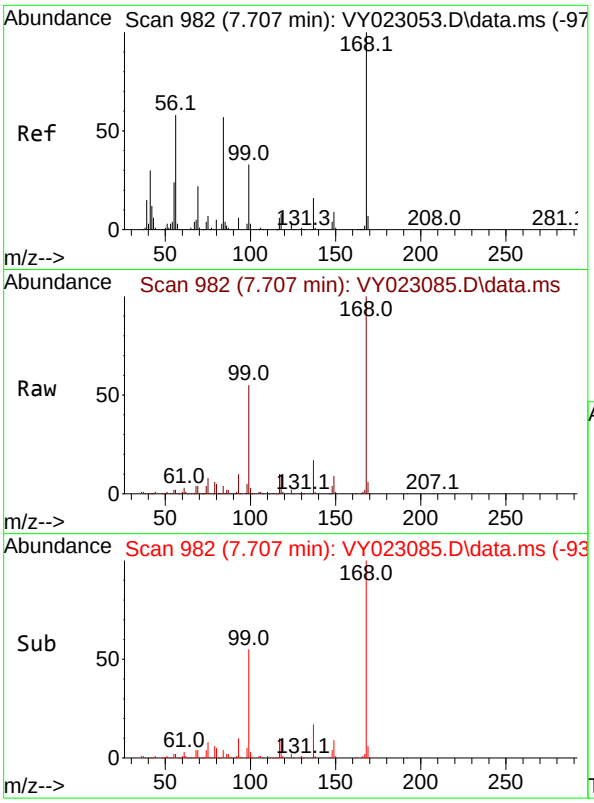
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Time: Aug 14 14:46:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



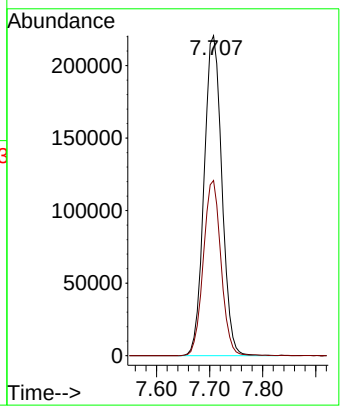


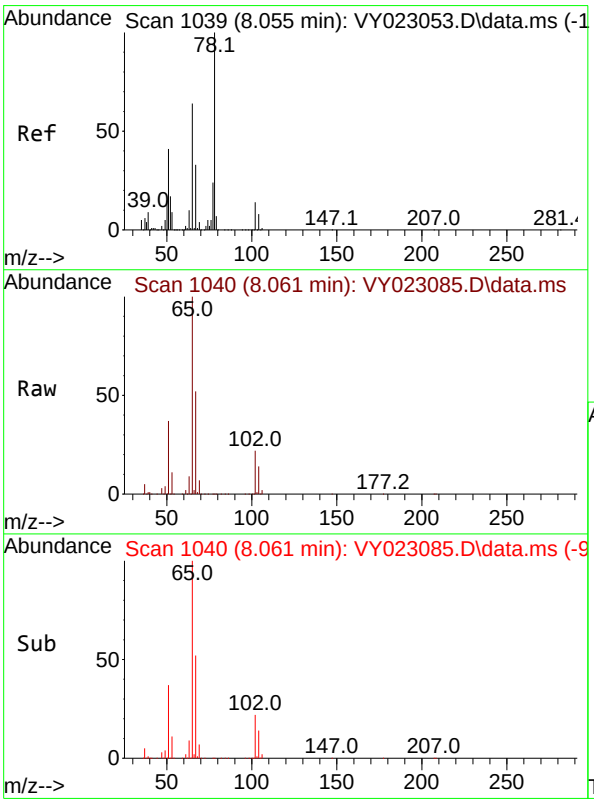
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:168 Resp: 514218

Ion	Ratio	Lower	Upper
168	100		
99	54.8	42.8	64.2

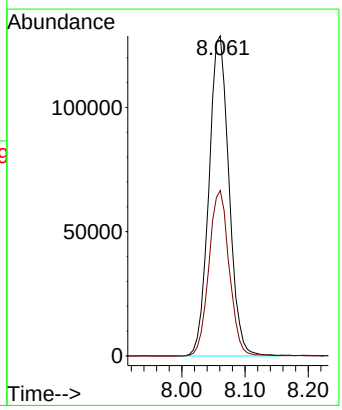


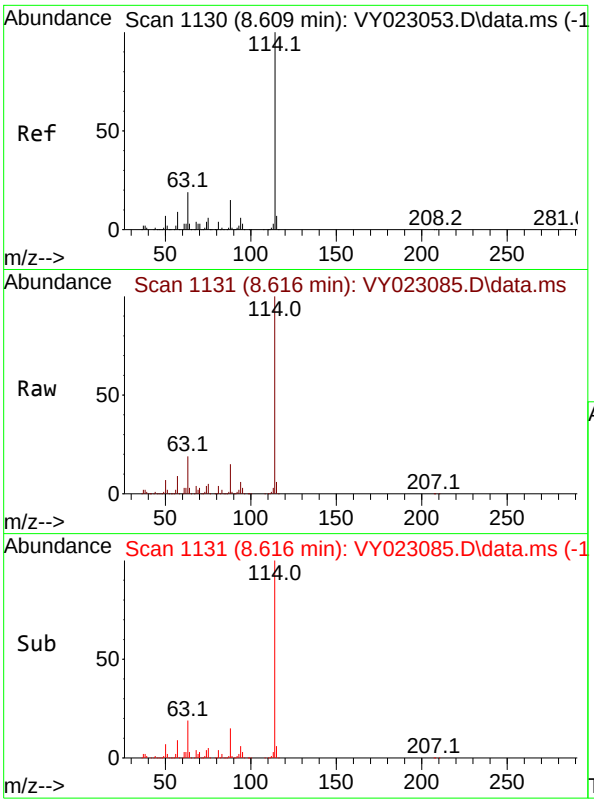


#33
1,2-Dichloroethane-d4
Concen: 57.910 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion: 65 Resp: 283810

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.8



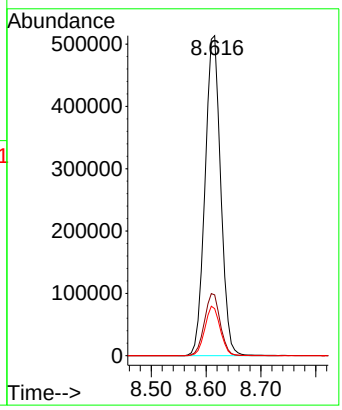


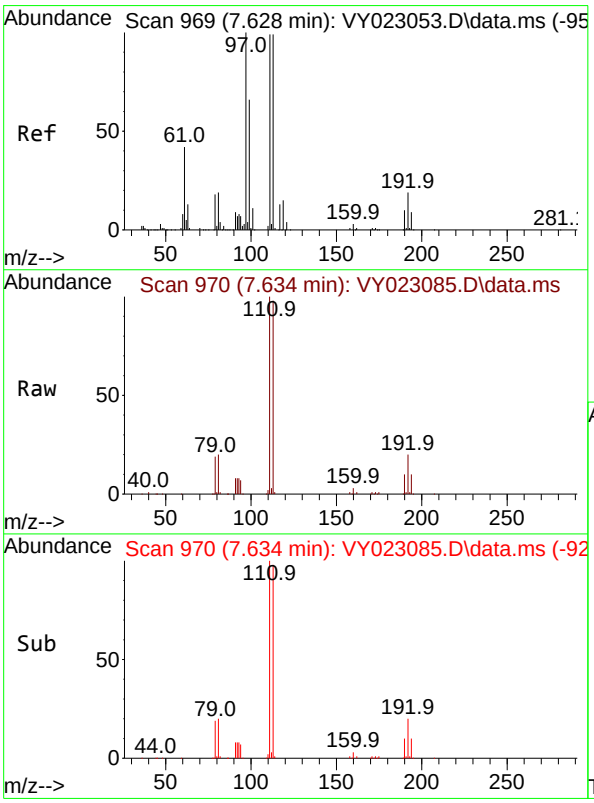
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:114 Resp: 1013413

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	14.7	0.0	30.0

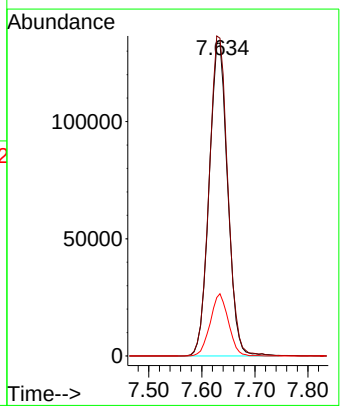


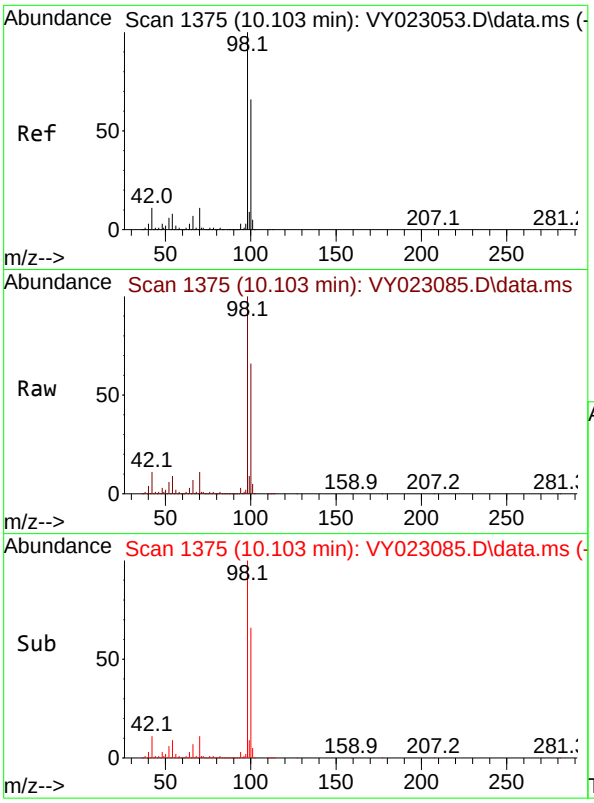


#35
Dibromofluoromethane
Concen: 53.480 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion:113 Resp: 324298

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	19.5	16.2	24.4



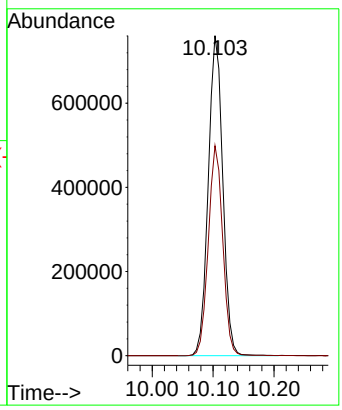


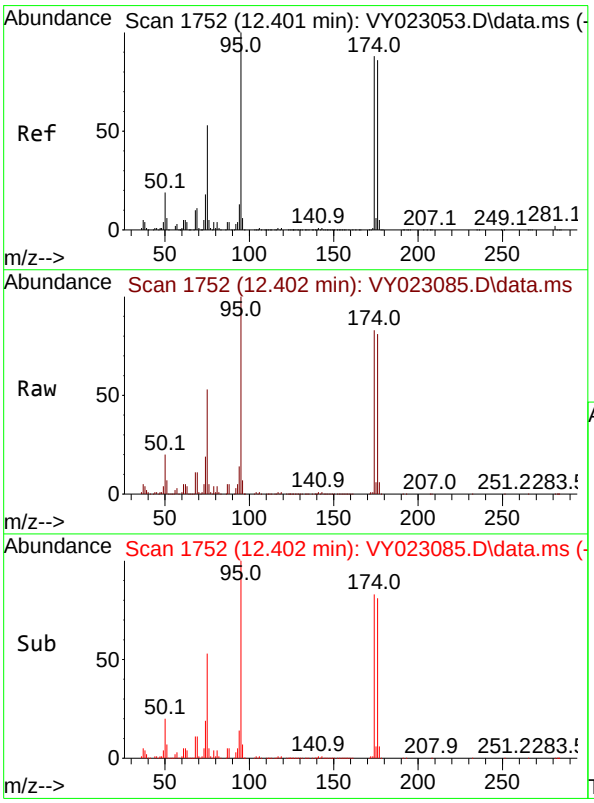
#50
Toluene-d8
Concen: 53.041 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion: 98 Resp: 1256505

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5

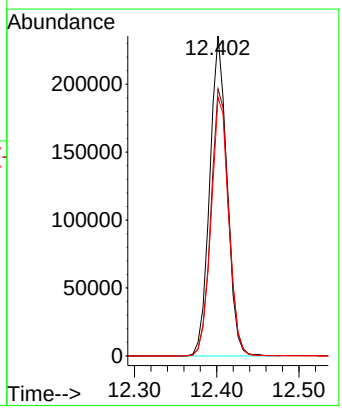


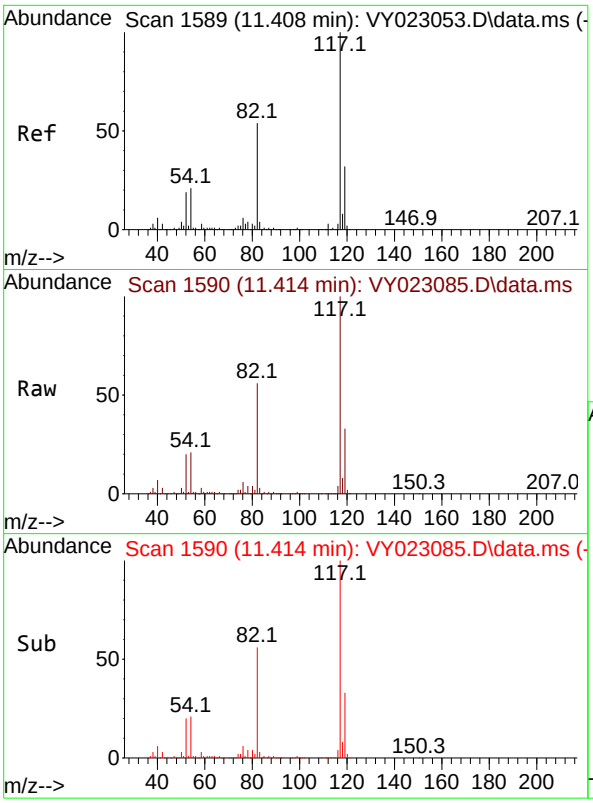


#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion: 95 Resp: 343286

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	171.6
176	82.4	0.0	167.6



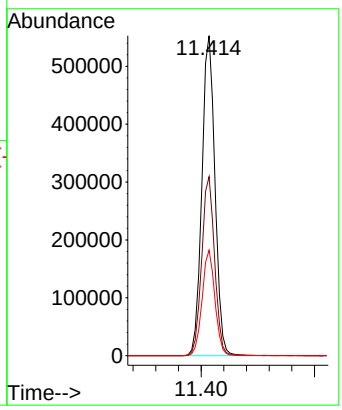


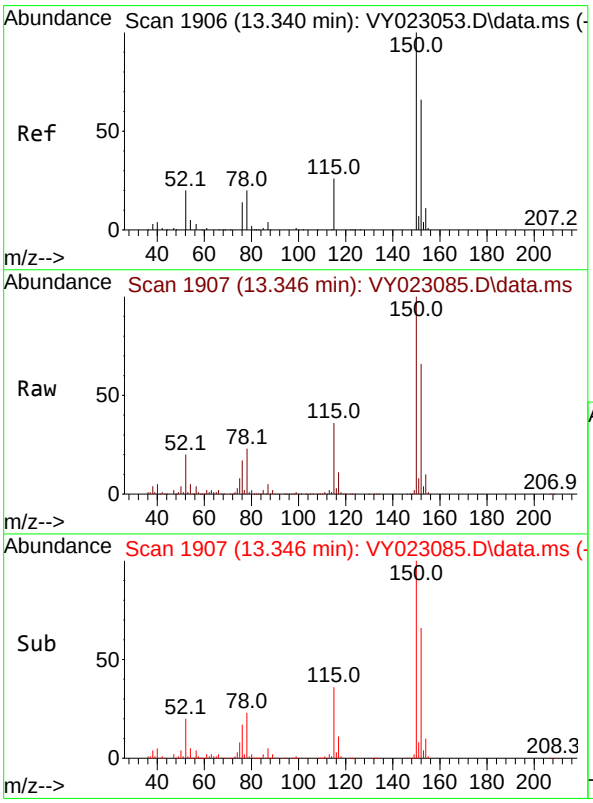
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:117 Resp: 885359

Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.4	65.0
119	33.0	25.6	38.4

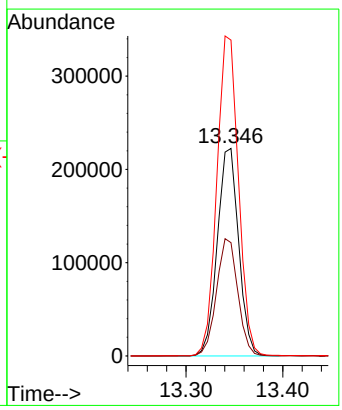




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion:152 Resp: 340788

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.6
150	155.5	0.0	348.0



Sample Results: **VY023085.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

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\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.007	40	47	53	rBV	17742	35695	1.09%	0.227%
2	4.616	465	475	490	rVB3	24109	75411	2.30%	0.480%
3	7.634	958	970	975	rBV	444498	1068603	32.61%	6.796%
4	7.707	975	982	1000	rVB	652671	1528545	46.65%	9.720%
5	8.061	1027	1040	1053	rBV	358564	805913	24.60%	5.125%
6	8.610	1122	1130	1142	rBV	1175253	2337917	71.35%	14.867%
7	10.103	1368	1375	1384	rBV	1978572	3276566	100.00%	20.837%
8	11.414	1582	1590	1603	rBV	1701540	2731421	83.36%	17.370%
9	12.402	1745	1752	1763	rBV	1210550	1800736	54.96%	11.451%
10	13.340	1900	1906	1916	rVB	1341382	2064301	63.00%	13.127%

Sum of corrected areas: 15725108

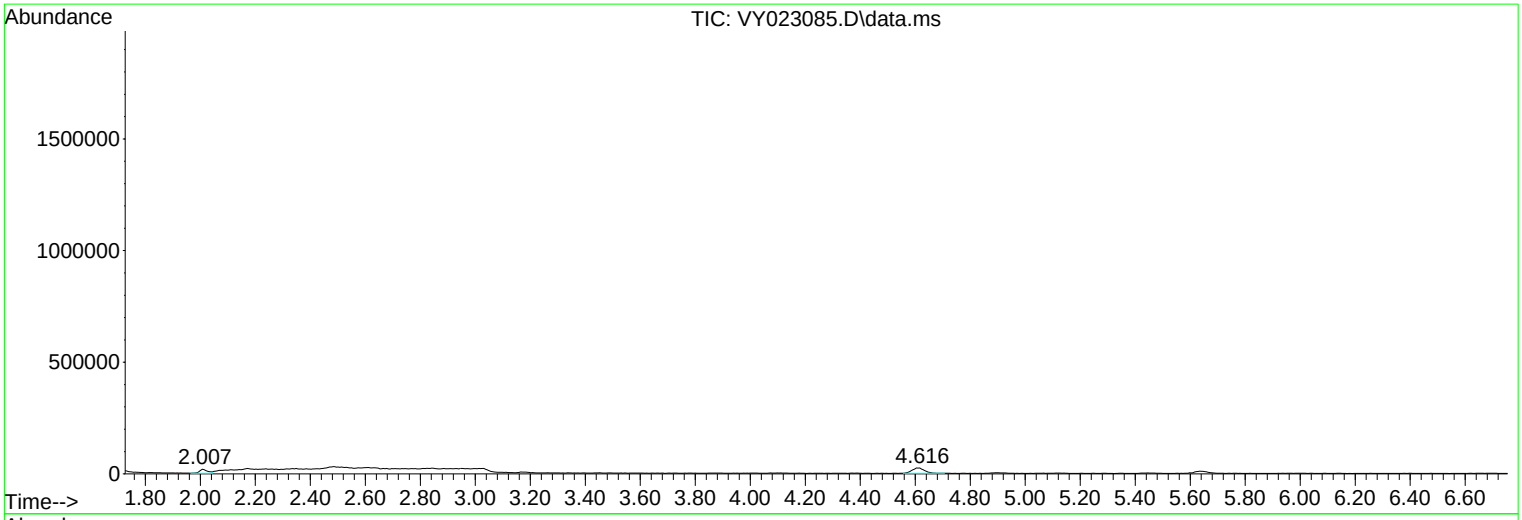
Sample Results: **VY023085.D**

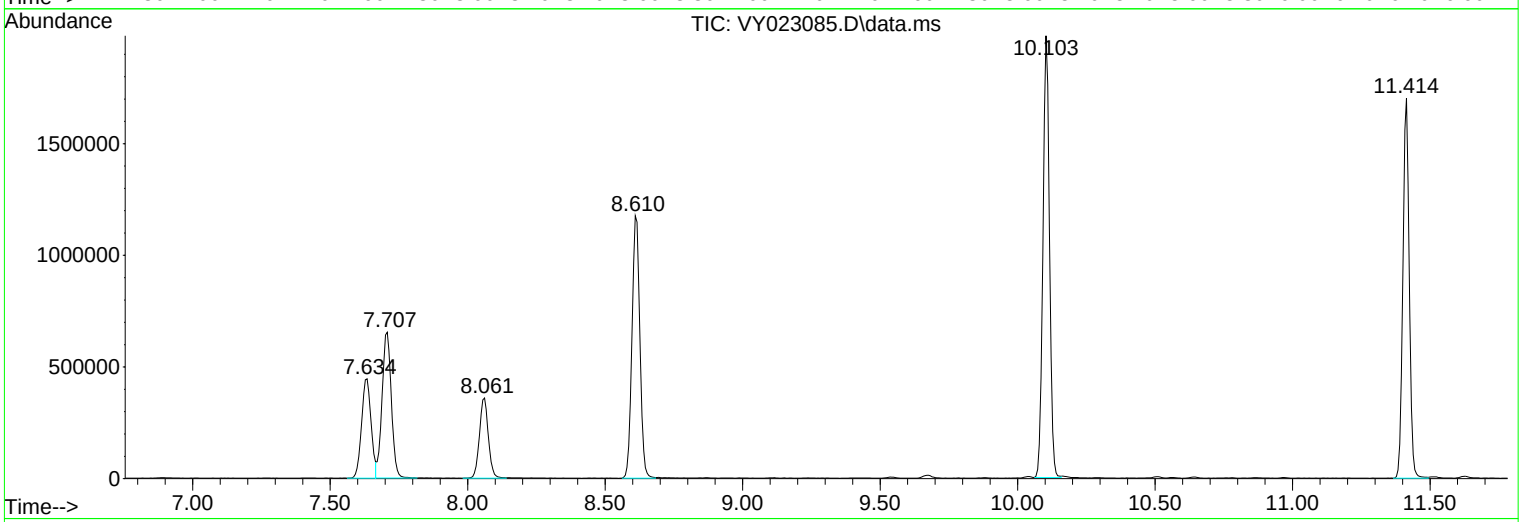
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

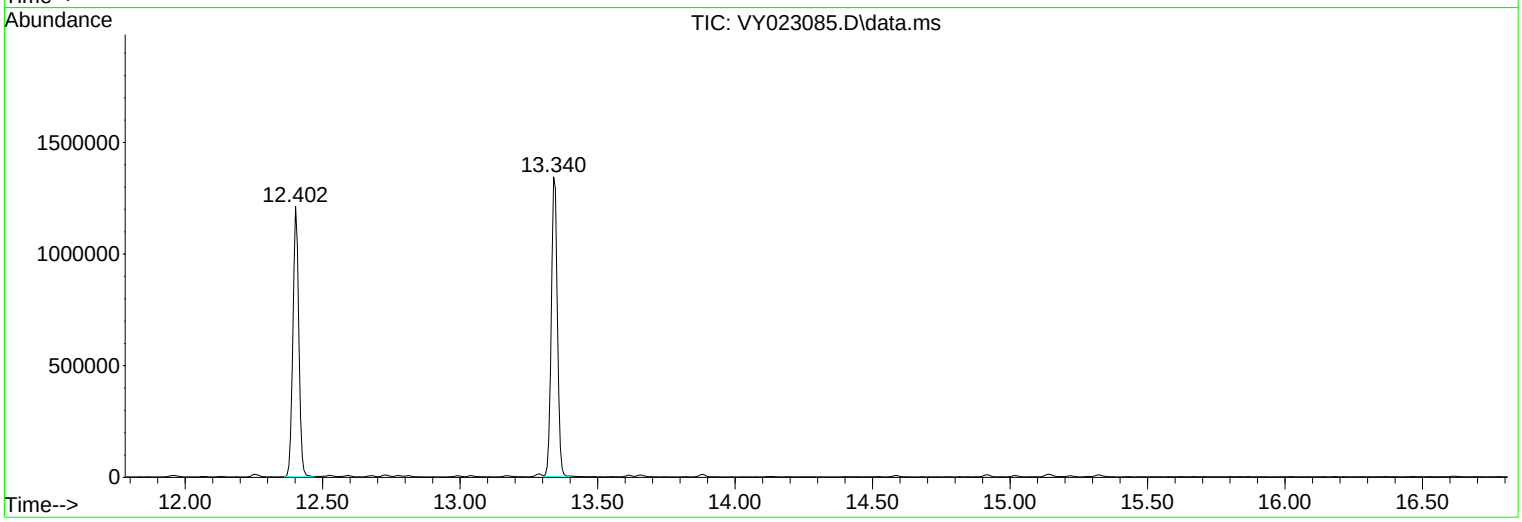
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.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\VY081425\
Data File : VY023085.D
Acq On : 14 Aug 2025 10:50
Operator : SY/MD
Sample : VY0814SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.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\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	455827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	734618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	641778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	309825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218317	50.253	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.500%			
35) Dibromofluoromethane	7.634	113	220130	50.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.160%			
50) Toluene-d8	10.103	98	873299	50.855	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.401	95	263190	47.657	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	74341	19.980	ug/l	100
3) Chloromethane	2.068	50	139194	23.098	ug/l	97
4) Vinyl Chloride	2.202	62	172200	23.116	ug/l	97
5) Bromomethane	2.586	94	129347	23.250	ug/l	97
6) Chloroethane	2.726	64	116610	23.545	ug/l	96
7) Trichlorofluoromethane	3.049	101	197599	21.815	ug/l	99
8) Diethyl Ether	3.452	74	42819	17.867	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	93242	20.865	ug/l	98
10) Methyl Iodide	3.994	142	103105	21.381	ug/l	99
11) Tert butyl alcohol	4.860	59	23075	77.519	ug/l	100
12) 1,1-Dichloroethene	3.781	96	87863	20.003	ug/l	98
13) Acrolein	3.647	56	34035	78.072	ug/l	97
14) Allyl chloride	4.372	41	125844	19.470	ug/l	97
15) Acrylonitrile	5.055	53	87301	89.605	ug/l	98
16) Acetone	3.866	43	88645	94.185	ug/l	94
17) Carbon Disulfide	4.098	76	295393	20.624	ug/l	99
18) Methyl Acetate	4.385	43	49793	17.778	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	204114	17.932	ug/l	99
20) Methylene Chloride	4.610	84	107429	20.355	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	99704	20.198	ug/l	98
22) Diisopropyl ether	6.012	45	279897	19.929	ug/l	96
23) Vinyl Acetate	5.957	43	703379	90.570	ug/l	100
24) 1,1-Dichloroethane	5.909	63	177456	20.666	ug/l	100
25) 2-Butanone	6.890	43	113667	88.799	ug/l	95
26) 2,2-Dichloropropane	6.878	77	150616	20.328	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	114706	20.100	ug/l	99
28) Bromochloromethane	7.244	49	69276	20.335	ug/l	96
29) Tetrahydrofuran	7.262	42	67731	85.363	ug/l	95
30) Chloroform	7.415	83	182352	20.591	ug/l	96
31) Cyclohexane	7.695	56	156917	19.392	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	161426	20.543	ug/l	98
36) 1,1-Dichloropropene	7.829	75	131067	20.063	ug/l	99
37) Ethyl Acetate	6.982	43	45793	16.687	ug/l	98
38) Carbon Tetrachloride	7.817	117	142349	20.062	ug/l	98
39) Methylcyclohexane	9.109	83	160783	18.690	ug/l	97
40) Benzene	8.073	78	408860	20.306	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	23134	14.607	ug/l	#	86
42) 1,2-Dichloroethane	8.152	62	104577	19.970	ug/l		98
43) Isopropyl Acetate	8.195	43	95745	17.262	ug/l		98
44) Trichloroethene	8.859	130	106605	20.488	ug/l		98
45) 1,2-Dichloropropane	9.140	63	95447	20.603	ug/l		99
46) Dibromomethane	9.225	93	51967	19.543	ug/l		97
47) Bromodichloromethane	9.420	83	137131	20.042	ug/l		98
48) Methyl methacrylate	9.219	41	45987	17.327	ug/l		98
49) 1,4-Dioxane	9.225	88	10785	345.913	ug/l	#	94
51) 4-Methyl-2-Pentanone	9.993	43	238881	83.495	ug/l		97
52) Toluene	10.164	92	252944	19.780	ug/l		97
53) t-1,3-Dichloropropene	10.390	75	114364	18.458	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	141980	19.379	ug/l		99
55) 1,1,2-Trichloroethane	10.566	97	66658	18.734	ug/l		97
56) Ethyl methacrylate	10.438	69	75122	16.500	ug/l		98
57) 1,3-Dichloropropane	10.713	76	114859	19.034	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	187201	87.167	ug/l		100
59) 2-Hexanone	10.755	43	159619	81.934	ug/l		98
60) Dibromochloromethane	10.908	129	88354	18.819	ug/l		100
61) 1,2-Dibromoethane	11.011	107	61746	18.463	ug/l		100
64) Tetrachloroethene	10.646	164	123429	21.538	ug/l		98
65) Chlorobenzene	11.438	112	272937	19.716	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.511	131	93115	19.819	ug/l		98
67) Ethyl Benzene	11.517	91	461952	19.391	ug/l		100
68) m/p-Xylenes	11.627	106	362129	38.921	ug/l		98
69) o-Xylene	11.950	106	165485	18.990	ug/l		97
70) Styrene	11.963	104	273749	19.209	ug/l		99
71) Bromoform	12.127	173	49863	18.159	ug/l	#	100
73) Isopropylbenzene	12.249	105	423027	19.345	ug/l		99
74) N-amyl acetate	12.066	43	78613	16.952	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	64150	17.181	ug/l		94
76) 1,2,3-Trichloropropane	12.554	75	54979m	18.387	ug/l		
77) Bromobenzene	12.529	156	100851	19.332	ug/l		98
78) n-propylbenzene	12.590	91	520711	20.001	ug/l		100
79) 2-Chlorotoluene	12.676	91	297769	19.962	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	348710	19.731	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	21491	17.398	ug/l		94
82) 4-Chlorotoluene	12.773	91	312655	20.205	ug/l		98
83) tert-Butylbenzene	12.993	119	303222	18.997	ug/l		100
84) 1,2,4-Trimethylbenzene	13.036	105	351003	19.952	ug/l		99
85) sec-Butylbenzene	13.170	105	458024	19.534	ug/l		99
86) p-Isopropyltoluene	13.285	119	374466	19.240	ug/l		99
87) 1,3-Dichlorobenzene	13.279	146	200869	19.525	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	200293	19.626	ug/l		98
89) n-Butylbenzene	13.615	91	344791	19.289	ug/l		98
90) Hexachloroethane	13.877	117	80689	20.252	ug/l		97
91) 1,2-Dichlorobenzene	13.651	146	172852	19.158	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9872	16.982	ug/l		95
93) 1,2,4-Trichlorobenzene	14.913	180	93915	17.602	ug/l		99
94) Hexachlorobutadiene	15.017	225	58299	18.595	ug/l		98
95) Naphthalene	15.139	128	142271	15.638	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	79576	17.308	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

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

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

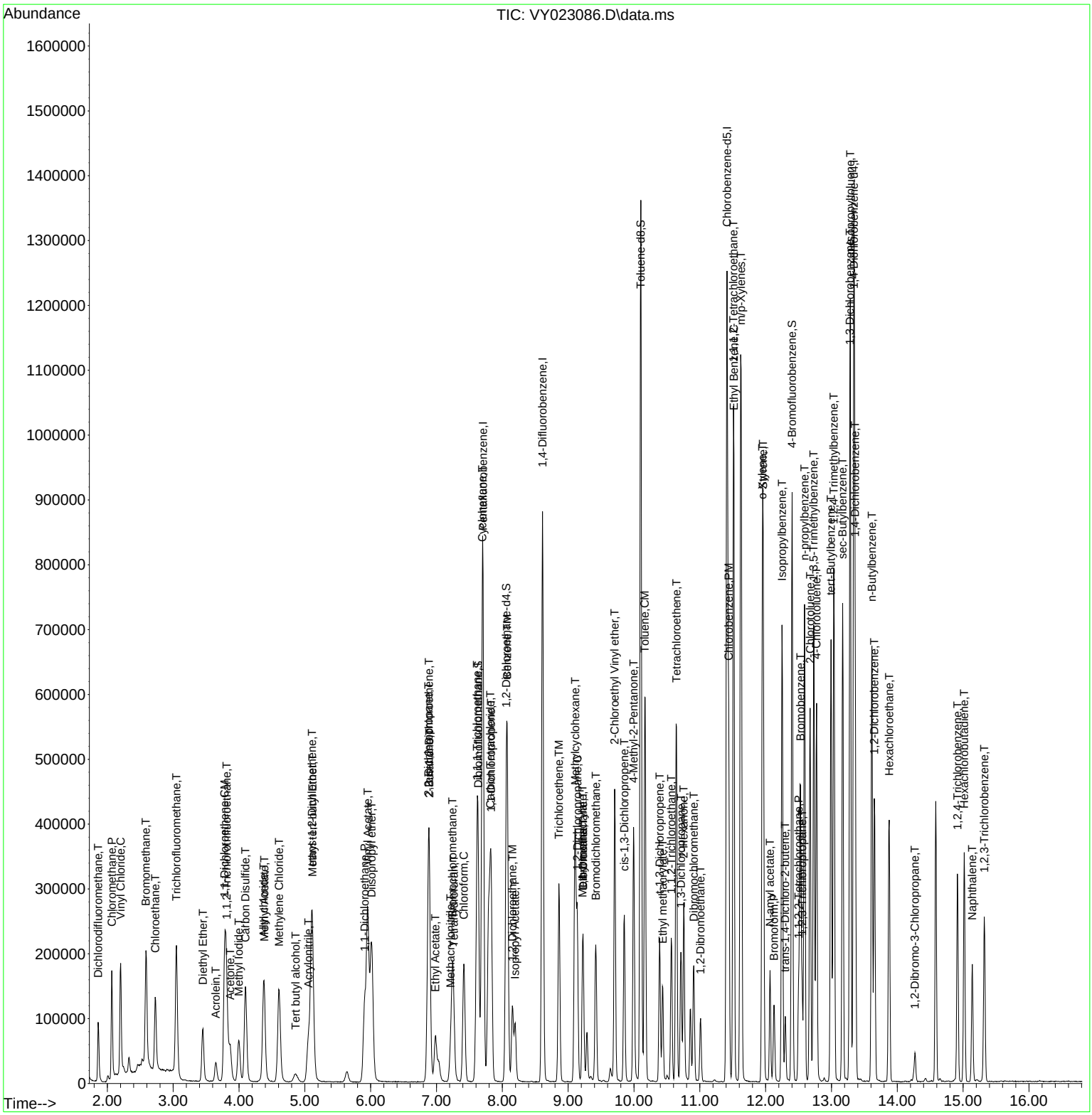
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023086.D
Acq On : 14 Aug 2025 11:22
Operator : SY/MD
Sample : VY0814SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	440114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	717756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	626725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	312365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227362	54.204	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.400%			
35) Dibromofluoromethane	7.634	113	225892	52.596	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.200%			
50) Toluene-d8	10.103	98	884197	52.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.401	95	273855	50.753	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	77892	21.682	ug/l	99
3) Chloromethane	2.068	50	142644	24.515	ug/l	98
4) Vinyl Chloride	2.202	62	175924	24.459	ug/l	98
5) Bromomethane	2.592	94	135494	25.224	ug/l	96
6) Chloroethane	2.732	64	117427	24.557	ug/l	99
7) Trichlorofluoromethane	3.049	101	192015	21.955	ug/l	99
8) Diethyl Ether	3.452	74	46584	20.132	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	94999	22.017	ug/l	99
10) Methyl Iodide	4.000	142	111759	24.003	ug/l	97
11) Tert butyl alcohol	4.860	59	26645	92.708	ug/l	100
12) 1,1-Dichloroethene	3.787	96	90215	21.272	ug/l	98
13) Acrolein	3.653	56	38323	91.047	ug/l	93
14) Allyl chloride	4.378	41	129279	20.716	ug/l	99
15) Acrylonitrile	5.055	53	96070	102.126	ug/l	99
16) Acetone	3.866	43	92571	101.868	ug/l	96
17) Carbon Disulfide	4.104	76	304061	21.988	ug/l	100
18) Methyl Acetate	4.385	43	56068	20.733	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	221092	20.118	ug/l	98
20) Methylene Chloride	4.610	84	114447	22.756	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	102154	21.433	ug/l	98
22) Diisopropyl ether	6.012	45	291470	21.494	ug/l	95
23) Vinyl Acetate	5.957	43	766046	102.161	ug/l	100
24) 1,1-Dichloroethane	5.909	63	182539	22.017	ug/l	99
25) 2-Butanone	6.890	43	122644	99.233	ug/l	98
26) 2,2-Dichloropropane	6.878	77	155065	21.675	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	117893	21.396	ug/l	100
28) Bromochloromethane	7.244	49	72174	21.942	ug/l	98
29) Tetrahydrofuran	7.256	42	75422	98.450	ug/l	98
30) Chloroform	7.421	83	188562	22.052	ug/l	97
31) Cyclohexane	7.701	56	160740	20.574	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	164781	21.719	ug/l	98
36) 1,1-Dichloropropene	7.835	75	132790	20.805	ug/l	99
37) Ethyl Acetate	6.988	43	52482	19.574	ug/l	98
38) Carbon Tetrachloride	7.811	117	145254	20.953	ug/l	97
39) Methylcyclohexane	9.103	83	165962	19.745	ug/l	100
40) Benzene	8.079	78	422488	21.476	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	28185	18.215	ug/l		93
42) 1,2-Dichloroethane	8.152	62	107615	21.033	ug/l		99
43) Isopropyl Acetate	8.195	43	105845	19.532	ug/l		100
44) Trichloroethene	8.859	130	105099	20.673	ug/l		95
45) 1,2-Dichloropropane	9.140	63	96326	21.281	ug/l		98
46) Dibromomethane	9.231	93	54207	20.865	ug/l		96
47) Bromodichloromethane	9.420	83	142496	21.316	ug/l		98
48) Methyl methacrylate	9.219	41	50034	19.294	ug/l		99
49) 1,4-Dioxane	9.225	88	12367	405.972	ug/l		97
51) 4-Methyl-2-Pentanone	9.993	43	269803	96.519	ug/l		99
52) Toluene	10.170	92	263665	21.103	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	123723	20.438	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	147619	20.622	ug/l		98
55) 1,1,2-Trichloroethane	10.566	97	71850	20.668	ug/l		98
56) Ethyl methacrylate	10.438	69	82052	18.445	ug/l		96
57) 1,3-Dichloropropane	10.713	76	120349	20.413	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	207183	98.737	ug/l		100
59) 2-Hexanone	10.755	43	181752	95.486	ug/l		97
60) Dibromochloromethane	10.908	129	93374	20.356	ug/l		98
61) 1,2-Dibromoethane	11.011	107	67027	20.513	ug/l		99
64) Tetrachloroethene	10.646	164	109781	19.617	ug/l		98
65) Chlorobenzene	11.438	112	285369	21.110	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.511	131	96112	20.948	ug/l		99
67) Ethyl Benzene	11.517	91	474005	20.375	ug/l		97
68) m/p-Xylenes	11.627	106	378562	41.664	ug/l		99
69) o-Xylene	11.950	106	174623	20.520	ug/l		100
70) Styrene	11.962	104	286979	20.621	ug/l		100
71) Bromoform	12.127	173	54324	20.259	ug/l	#	100
73) Isopropylbenzene	12.249	105	442723	20.081	ug/l		100
74) N-amyl acetate	12.066	43	87193	18.650	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	78539	20.864	ug/l		99
76) 1,2,3-Trichloropropane	12.548	75	48092m	15.953	ug/l		
77) Bromobenzene	12.529	156	105005	19.964	ug/l		97
78) n-propylbenzene	12.590	91	548250	20.888	ug/l		100
79) 2-Chlorotoluene	12.676	91	309929	20.609	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	367513	20.626	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	23035	18.496	ug/l		94
82) 4-Chlorotoluene	12.773	91	325249	20.848	ug/l		100
83) tert-Butylbenzene	12.993	119	326740	20.304	ug/l		100
84) 1,2,4-Trimethylbenzene	13.035	105	367984	20.747	ug/l		99
85) sec-Butylbenzene	13.170	105	489089	20.690	ug/l		100
86) p-Isopropyltoluene	13.285	119	403954	20.587	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	217547	20.974	ug/l		98
88) 1,4-Dichlorobenzene	13.359	146	213512	20.752	ug/l		98
89) n-Butylbenzene	13.615	91	371218	20.598	ug/l		98
90) Hexachloroethane	13.871	117	84649	21.074	ug/l		97
91) 1,2-Dichlorobenzene	13.651	146	188585	20.732	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11291	19.265	ug/l		99
93) 1,2,4-Trichlorobenzene	14.913	180	103325	19.208	ug/l		99
94) Hexachlorobutadiene	15.017	225	64258	20.329	ug/l		98
95) Naphthalene	15.139	128	168186	18.336	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	88181	19.024	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025

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

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

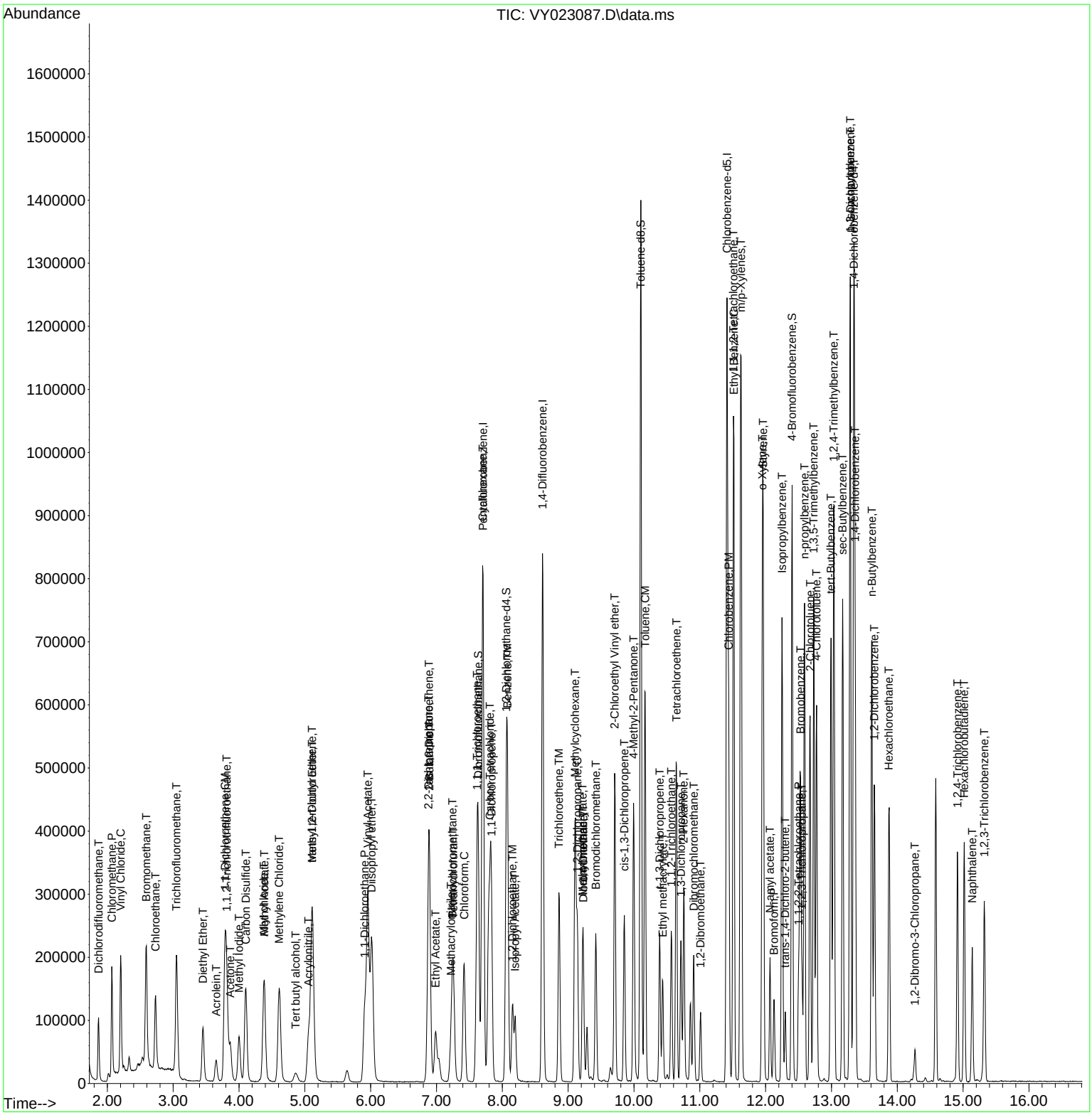
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023087.D
Acq On : 14 Aug 2025 11:45
Operator : SY/MD
Sample : VY0814SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



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

Manual Integration Report

Sequence:	VY081225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023050.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:33:57 PM	SAM	8/14/2025 7:43:56 PM	Peak Integrated by Software
VSTDICC005	VY023050.D	Methacrylonitrile	MMDadoda	8/14/2025 7:33:57 PM	SAM	8/14/2025 7:43:56 PM	Peak Integrated by Software
VSTDICC010	VY023051.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:06 PM	SAM	8/14/2025 7:43:57 PM	Peak Integrated by Software
VSTDICC020	VY023052.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:08 PM	SAM	8/14/2025 7:43:59 PM	Peak Integrated by Software
VSTDICC020	VY023052.D	Methacrylonitrile	MMDadoda	8/14/2025 7:34:08 PM	SAM	8/14/2025 7:43:59 PM	Peak Integrated by Software
VSTDICCC050	VY023053.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:10 PM	SAM	8/14/2025 7:44:00 PM	Peak Integrated by Software
VSTDICC100	VY023054.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:12 PM	SAM	8/14/2025 7:44:02 PM	Peak Integrated by Software
VSTDICC150	VY023055.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:15 PM	SAM	8/14/2025 7:44:04 PM	Peak Integrated by Software
VSTDICV050	VY023057.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:16 PM	SAM	8/14/2025 7:44:06 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY081425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023084.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:21 AM	MMDadoda	8/19/2025 4:22:49 AM	Peak Integrated by Software
VY0814SBS01	VY023086.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:23 AM	MMDadoda	8/19/2025 4:22:50 AM	Peak Integrated by Software
VY0814SBSD01	VY023087.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:24 AM	MMDadoda	8/19/2025 4:22:52 AM	Peak Integrated by Software
VSTDCCC050	VY023109.D	1,2,3-Trichloropropane	SAM	8/19/2025 4:18:27 AM	MMDadoda	8/19/2025 4:22:53 AM	Peak Integrated by Software

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 # VY081225

Review By	Mahesh Dadoda	Review On	8/14/2025 7:34:22 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	8/14/2025 7:44:13 PM				
SubDirectory	VY081225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135083
Initial Calibration Stds	VP135084,VP135085,VP135086,VP135087,VP135088,VP135089
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135090
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023048.D	12 Aug 2025 08:26	SY/MD	Ok
2	VSTDICC005	VY023049.D	12 Aug 2025 14:32	SY/MD	Not Ok
3	VSTDICC005	VY023050.D	12 Aug 2025 14:54	SY/MD	Ok,M
4	VSTDICC010	VY023051.D	12 Aug 2025 15:17	SY/MD	Ok,M
5	VSTDICC020	VY023052.D	12 Aug 2025 15:40	SY/MD	Ok,M
6	VSTDICCC050	VY023053.D	12 Aug 2025 16:02	SY/MD	Ok,M
7	VSTDICC100	VY023054.D	12 Aug 2025 16:25	SY/MD	Ok,M
8	VSTDICC150	VY023055.D	12 Aug 2025 16:47	SY/MD	Ok,M
9	VIBLK	VY023056.D	12 Aug 2025 17:31	SY/MD	Ok
10	VSTDICV050	VY023057.D	12 Aug 2025 17:53	SY/MD	Ok,M

M : Manual Integration

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 # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM				
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023083.D	14 Aug 2025 09:48	SY/MD	Ok
2	VSTDCCC050	VY023084.D	14 Aug 2025 10:17	SY/MD	Ok,M
3	VY0814SBL01	VY023085.D	14 Aug 2025 10:50	SY/MD	Ok
4	VY0814SBS01	VY023086.D	14 Aug 2025 11:22	SY/MD	Ok,M
5	VY0814SBSD01	VY023087.D	14 Aug 2025 11:45	SY/MD	Ok,M
6	Q2830-05	VY023088.D	14 Aug 2025 12:26	SY/MD	Ok
7	Q2819-10RE	VY023089.D	14 Aug 2025 12:50	SY/MD	Confirms
8	Q2819-11RE	VY023090.D	14 Aug 2025 13:13	SY/MD	Confirms
9	Q2819-15	VY023091.D	14 Aug 2025 13:37	SY/MD	Ok
10	Q2819-16	VY023092.D	14 Aug 2025 14:00	SY/MD	Ok
11	Q2819-20	VY023093.D	14 Aug 2025 14:24	SY/MD	ReRun
12	Q2838-03	VY023094.D	14 Aug 2025 14:47	SY/MD	Ok
13	Q2838-07	VY023095.D	14 Aug 2025 15:11	SY/MD	Ok
14	Q2840-01	VY023096.D	14 Aug 2025 15:34	SY/MD	Ok
15	Q2858-01	VY023097.D	14 Aug 2025 15:57	SY/MD	Ok
16	Q2857-03	VY023098.D	14 Aug 2025 16:21	SY/MD	Ok
17	Q2826-01	VY023099.D	14 Aug 2025 16:44	SY/MD	Ok
18	Q2873-01	VY023100.D	14 Aug 2025 17:08	SY/MD	Ok
19	Q2873-04	VY023101.D	14 Aug 2025 17:31	SY/MD	Ok
20	Q2871-01	VY023102.D	14 Aug 2025 17:55	SY/MD	Ok
21	Q2871-04	VY023103.D	14 Aug 2025 18:18	SY/MD	ReRun

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Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM		
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2871-07	VY023104.D	14 Aug 2025 18:42	SY/MD	Ok
23	Q2872-01	VY023105.D	14 Aug 2025 19:05	SY/MD	ReRun
24	Q2870-01	VY023106.D	14 Aug 2025 19:29	SY/MD	ReRun
25	Q2870-04	VY023107.D	14 Aug 2025 19:52	SY/MD	Ok
26	VIBLK	VY023108.D	14 Aug 2025 20:15	SY/MD	Ok
27	VSTDCCC050	VY023109.D	14 Aug 2025 20:38	SY/MD	Ok,M

M : Manual Integration

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 # VY081225

Review By	Mahesh Dadoda	Review On	8/14/2025 7:34:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/14/2025 7:44:13 PM		
SubDirectory	VY081225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135083
Initial Calibration Stds	VP135084,VP135085,VP135086,VP135087,VP135088,VP135089
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135090
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023048.D	12 Aug 2025 08:26		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023049.D	12 Aug 2025 14:32	Not used	SY/MD	Not Ok
3	VSTDICC005	VSTDICC005	VY023050.D	12 Aug 2025 14:54		SY/MD	Ok,M
4	VSTDICC010	VSTDICC010	VY023051.D	12 Aug 2025 15:17		SY/MD	Ok,M
5	VSTDICC020	VSTDICC020	VY023052.D	12 Aug 2025 15:40	LR-20	SY/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VY023053.D	12 Aug 2025 16:02		SY/MD	Ok,M
7	VSTDICC100	VSTDICC100	VY023054.D	12 Aug 2025 16:25		SY/MD	Ok,M
8	VSTDICC150	VSTDICC150	VY023055.D	12 Aug 2025 16:47		SY/MD	Ok,M
9	VIBLK	VIBLK	VY023056.D	12 Aug 2025 17:31		SY/MD	Ok
10	VSTDICV050	ICVVY081225	VY023057.D	12 Aug 2025 17:53		SY/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM		
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023083.D	14 Aug 2025 09:48		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023084.D	14 Aug 2025 10:17		SY/MD	Ok,M
3	VY0814SBL01	VY0814SBL01	VY023085.D	14 Aug 2025 10:50		SY/MD	Ok
4	VY0814SBS01	VY0814SBS01	VY023086.D	14 Aug 2025 11:22		SY/MD	Ok,M
5	VY0814SBSD01	VY0814SBSD01	VY023087.D	14 Aug 2025 11:45		SY/MD	Ok,M
6	Q2830-05	BIN0009-DRIVEWAY-T	VY023088.D	14 Aug 2025 12:26		SY/MD	Ok
7	Q2819-10RE	84SB-SRE	VY023089.D	14 Aug 2025 12:50	Surrogate Fail	SY/MD	Confirms
8	Q2819-11RE	84SB-WRE	VY023090.D	14 Aug 2025 13:13	Internal Standard fail;Surrogate Fail	SY/MD	Confirms
9	Q2819-15	17M-N	VY023091.D	14 Aug 2025 13:37		SY/MD	Ok
10	Q2819-16	38M-S	VY023092.D	14 Aug 2025 14:00		SY/MD	Ok
11	Q2819-20	82H-E	VY023093.D	14 Aug 2025 14:24	Internal Standard fail;Surrogate Fail	SY/MD	ReRun
12	Q2838-03	TP-11-VOC	VY023094.D	14 Aug 2025 14:47		SY/MD	Ok
13	Q2838-07	TP-10-VOC	VY023095.D	14 Aug 2025 15:11		SY/MD	Ok
14	Q2840-01	0804-SOIL	VY023096.D	14 Aug 2025 15:34		SY/MD	Ok
15	Q2858-01	VNJ 216	VY023097.D	14 Aug 2025 15:57		SY/MD	Ok
16	Q2857-03	72-12002	VY023098.D	14 Aug 2025 16:21		SY/MD	Ok
17	Q2826-01	WC1	VY023099.D	14 Aug 2025 16:44		SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081425

Review By	Mahesh Dadoda	Review On	8/19/2025 4:23:08 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/19/2025 6:52:38 AM		
SubDirectory	VY081425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135134
Initial Calibration Stds	
CCC	VP135135,VP135136
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2873-01	DRILL CUTTING 1-3 C	VY023100.D	14 Aug 2025 17:08		SY/MD	Ok
19	Q2873-04	DRILL CUTTING 4-6 C	VY023101.D	14 Aug 2025 17:31		SY/MD	Ok
20	Q2871-01	DRILL CUTTING 1-3 C	VY023102.D	14 Aug 2025 17:55		SY/MD	Ok
21	Q2871-04	DRILL CUTTING 4-6 C	VY023103.D	14 Aug 2025 18:18	Internal Standard Fail	SY/MD	ReRun
22	Q2871-07	DRILL CUTTING 1-5 C	VY023104.D	14 Aug 2025 18:42		SY/MD	Ok
23	Q2872-01	DRILL CUTTING 1-2 C	VY023105.D	14 Aug 2025 19:05	Internal Standard Fail	SY/MD	ReRun
24	Q2870-01	DRILL CUTTING 1-5 C	VY023106.D	14 Aug 2025 19:29	Internal Standard Fail	SY/MD	ReRun
25	Q2870-04	DRILL CUTTING 6-9 C	VY023107.D	14 Aug 2025 19:52		SY/MD	Ok
26	VIBLK	VIBLK	VY023108.D	14 Aug 2025 20:15		SY/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VY023109.D	14 Aug 2025 20:38		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2826	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	**WC1**	**SOIL**			**08/11/25**			**08/11/25**
			VOCMS Group1	8260D			08/14/25	