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

Hit Summary Sheet
SW-846

SDG No.: Q2363

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GCAP1**								
Q2363-01	GCAP1	SOIL	Cyclohexane		32.3		0.86	5.40	ug/Kg
Q2363-01	GCAP1	SOIL	Methylcyclohexane		220	E	0.99	5.40	ug/Kg
			Total Voc :		252				
Q2363-01	GCAP1	SOIL	Naphthalene, decahydro-	*	150	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Butane, 2,2,3,3-tetramethyl-	*	110	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,4-dimethyl-, cis	*	140	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1,2-dimethyl-, tr	*	110	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1-ethyl-2-methy	*	140	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,3,5-trimethyl-,	*	120	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,3-dimethyl-, tra	*	120	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1,2,4-trimethyl-	*	130	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	350	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1-ethyl-2-methyl	*	130	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Pentalene, octahydro-2-methyl-	*	170	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	unknown12.713	*	110	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Benzene, (3-methyl-2-butenyl)-	*	95.7	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclohexane, 1-ethyl-2-methyl	*	160	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	Cyclopentane, 1,2,3-trimethyl-,	*	240	J	0	0	ug/Kg
Q2363-01	GCAP1	SOIL	n-propylbenzene	*	4.30	J	0.79	5.40	ug/Kg
			Total Tics :		2280				
			Total Concentration:		2530				
Client ID:	**GCAP1ME**								
Q2363-01ME	GCAP1ME	SOIL	Cyclohexane		880	D	55.1	350	ug/Kg
Q2363-01ME	GCAP1ME	SOIL	Methylcyclohexane		3100	D	63.5	350	ug/Kg
			Total Voc :		3980				
			Total Concentration:		3980				
Client ID:	**GCAP1W**								
Q2363-02	GCAP1W	Water	Cyclohexane		1200	E	1.50	5.00	ug/L
Q2363-02	GCAP1W	Water	Methylcyclohexane		1000	E	0.16	1.00	ug/L
Q2363-02	GCAP1W	Water	Benzene		1.80		0.15	1.00	ug/L
Q2363-02	GCAP1W	Water	Toluene		6.70		0.14	1.00	ug/L
Q2363-02	GCAP1W	Water	Ethyl Benzene		76.5		0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	o-Xylene		2.50		0.12	1.00	ug/L
Q2363-02	GCAP1W	Water	Isopropylbenzene		110		0.12	1.00	ug/L
			Total Voc :		2400				
Q2363-02	GCAP1W	Water	unknown10.780	*	120	J	0	0	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: Q2363

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2363-02	GCAP1W	Water	Butane, 2-methyl-	*	170	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Pentane, 3-methyl-	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclopentane, methyl-	*	580	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Pentane, 2-methyl-	*	110	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Pentane	*	160	J	0	0	ug/L
Q2363-02	GCAP1W	Water	n-Hexane	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Indane	*	220	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclohexene, 1-methyl-	*	200	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclopentane, 1,2-dimethyl-, tr	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	3-Phenylbut-1-ene	*	180	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	110	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclohexane, 1,1,3-trimethyl-	*	130	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Cyclohexane, 1,2-dimethyl-, tra	*	160	J	0	0	ug/L
Q2363-02	GCAP1W	Water	Benzene, 1-ethenyl-3-ethyl-	*	120	J	0	0	ug/L
Q2363-02	GCAP1W	Water	n-propylbenzene	*	190	J	0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	sec-Butylbenzene	*	23.9	J	0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	p-Isopropyltoluene	*	20.8	J	0.13	1.00	ug/L
Q2363-02	GCAP1W	Water	n-Butylbenzene	*	23.9	J	0.15	1.00	ug/L
			Total Tics :		2910				
			Total Concentration:		5310				
Client ID:	**GCAP1WDL**								
Q2363-02DL	GCAP1WDL	Water	Cyclohexane		910	D	29.0	100	ug/L
Q2363-02DL	GCAP1WDL	Water	Methylcyclohexane		720	D	3.20	20.0	ug/L
Q2363-02DL	GCAP1WDL	Water	Ethyl Benzene		49.0	D	2.60	20.0	ug/L
Q2363-02DL	GCAP1WDL	Water	Isopropylbenzene		71.4	D	2.40	20.0	ug/L
			Total Voc :		1750				
			Total Concentration:		1750				

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022793.D	1		06/24/25 13:32	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.40	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.40	ug/Kg
75-01-4	Vinyl Chloride	0.86	U	0.86	5.40	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.40	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.40	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.40	ug/Kg
67-64-1	Acetone	5.10	U	5.10	27.1	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.79	U	0.79	5.40	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.40	ug/Kg
75-09-2	Methylene Chloride	3.80	U	3.80	10.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.93	U	0.93	5.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.87	U	0.87	5.40	ug/Kg
110-82-7	Cyclohexane	32.3		0.86	5.40	ug/Kg
78-93-3	2-Butanone	7.10	U	7.10	27.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.81	U	0.81	5.40	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.40	ug/Kg
67-66-3	Chloroform	0.91	U	0.91	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
108-87-2	Methylcyclohexane	220	E	0.99	5.40	ug/Kg
71-43-2	Benzene	0.86	U	0.86	5.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.86	U	0.86	5.40	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	5.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.99	U	0.99	5.40	ug/Kg
75-27-4	Bromodichloromethane	0.85	U	0.85	5.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.90	U	3.90	27.1	ug/Kg
108-88-3	Toluene	0.85	U	0.85	5.40	ug/Kg

Raw Data: **VY022793.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022793.D	1		06/24/25 13:32	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.71	U	0.71	5.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.67	U	0.67	5.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	27.1	ug/Kg
124-48-1	Dibromochloromethane	0.94	U	0.94	5.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.95	U	0.95	5.40	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.40	ug/Kg
108-90-7	Chlorobenzene	0.99	U	0.99	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.40	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.8	ug/Kg
95-47-6	o-Xylene	0.89	U	0.89	5.40	ug/Kg
100-42-5	Styrene	0.77	U	0.77	5.40	ug/Kg
75-25-2	Bromoform	0.93	U	0.93	5.40	ug/Kg
98-82-8	Isopropylbenzene	0.85	U	0.85	5.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.7		70 (63) - 130 (155)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	65.0		70 (74) - 130 (123)	130%	SPK: 50
460-00-4	4-Bromofluorobenzene	82.5	*	70 (17) - 130 (146)	165%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	325000	7.701			
540-36-3	1,4-Difluorobenzene	571000	8.61			
3114-55-4	Chlorobenzene-d5	577000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	303000	13.34			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VY022793.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	5.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022793.D	1		06/24/25 13:32	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000594-82-1	Butane, 2,2,3,3-tetramethyl-	110	J		8.25	ug/Kg
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	110	J		8.34	ug/Kg
002815-58-9	Cyclopentane, 1,2,4-trimethyl-	130	J		9.38	ug/Kg
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	240	J		9.53	ug/Kg
000930-89-2	Cyclopentane, 1-ethyl-2-methyl-, c	140	J		10.3	ug/Kg
000624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	140	J		10.4	ug/Kg
002207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	120	J		10.5	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	350	J		11.0	ug/Kg
001795-26-2	Cyclohexane, 1,3,5-trimethyl-, (1.	120	J		11.2	ug/Kg
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	130	J		11.7	ug/Kg
004923-78-8	Cyclohexane, 1-ethyl-2-methyl-, tr	160	J		11.9	ug/Kg
003868-64-2	Pentalene, octahydro-2-methyl-	170	J		12.1	ug/Kg
103-65-1	n-propylbenzene	4.30	J		12.6	ug/Kg
003971-29-7	unknown12.713	110	J		12.7	ug/Kg
000091-17-8	Naphthalene, decahydro-	150	J		13.7	ug/Kg
004489-84-3	Benzene, (3-methyl-2-butenyl)-	95.7	J		15.0	ug/Kg

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

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

Raw Data: **VN087140.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1ME	SDG No.:	Q2363
Lab Sample ID:	Q2363-01ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	4.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087140.D	1		06/20/25 15:29	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	79.6	UD	79.6	350	ug/Kg
74-87-3	Chloromethane	79.6	UD	79.6	350	ug/Kg
75-01-4	Vinyl Chloride	55.1	UD	55.1	350	ug/Kg
74-83-9	Bromomethane	74.7	UD	74.7	350	ug/Kg
75-00-3	Chloroethane	87.9	UD	87.9	350	ug/Kg
75-69-4	Trichlorofluoromethane	84.4	UD	84.4	350	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	74.0	UD	74.0	350	ug/Kg
75-35-4	1,1-Dichloroethene	69.8	UD	69.8	350	ug/Kg
67-64-1	Acetone	330	UD	330	1700	ug/Kg
75-15-0	Carbon Disulfide	74.0	UD	74.0	350	ug/Kg
1634-04-4	Methyl tert-butyl Ether	50.9	UD	50.9	350	ug/Kg
79-20-9	Methyl Acetate	110	UD	110	350	ug/Kg
75-09-2	Methylene Chloride	250	UD	250	700	ug/Kg
156-60-5	trans-1,2-Dichloroethene	60.0	UD	60.0	350	ug/Kg
75-34-3	1,1-Dichloroethane	55.8	UD	55.8	350	ug/Kg
110-82-7	Cyclohexane	880	D	55.1	350	ug/Kg
78-93-3	2-Butanone	460	UD	460	1700	ug/Kg
56-23-5	Carbon Tetrachloride	67.7	UD	67.7	350	ug/Kg
156-59-2	cis-1,2-Dichloroethene	52.3	UD	52.3	350	ug/Kg
74-97-5	Bromochloromethane	80.3	UD	80.3	350	ug/Kg
67-66-3	Chloroform	58.6	UD	58.6	350	ug/Kg
71-55-6	1,1,1-Trichloroethane	64.9	UD	64.9	350	ug/Kg
108-87-2	Methylcyclohexane	3100	D	63.5	350	ug/Kg
71-43-2	Benzene	55.1	UD	55.1	350	ug/Kg
107-06-2	1,2-Dichloroethane	55.1	UD	55.1	350	ug/Kg
79-01-6	Trichloroethene	56.5	UD	56.5	350	ug/Kg
78-87-5	1,2-Dichloropropane	63.5	UD	63.5	350	ug/Kg
75-27-4	Bromodichloromethane	54.4	UD	54.4	350	ug/Kg
108-10-1	4-Methyl-2-Pentanone	250	UD	250	1700	ug/Kg
108-88-3	Toluene	54.4	UD	54.4	350	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1ME	SDG No.:	Q2363
Lab Sample ID:	Q2363-01ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	4.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087140.D	1		06/20/25 15:29	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	45.4	UD	45.4	350	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	43.3	UD	43.3	350	ug/Kg
79-00-5	1,1,2-Trichloroethane	64.2	UD	64.2	350	ug/Kg
591-78-6	2-Hexanone	260	UD	260	1700	ug/Kg
124-48-1	Dibromochloromethane	60.7	UD	60.7	350	ug/Kg
106-93-4	1,2-Dibromoethane	61.4	UD	61.4	350	ug/Kg
127-18-4	Tetrachloroethene	73.3	UD	73.3	350	ug/Kg
108-90-7	Chlorobenzene	63.5	UD	63.5	350	ug/Kg
100-41-4	Ethyl Benzene	46.8	UD	46.8	350	ug/Kg
179601-23-1	m/p-Xylenes	86.5	UD	86.5	700	ug/Kg
95-47-6	o-Xylene	57.2	UD	57.2	350	ug/Kg
100-42-5	Styrene	49.5	UD	49.5	350	ug/Kg
75-25-2	Bromoform	60.0	UD	60.0	350	ug/Kg
98-82-8	Isopropylbenzene	54.4	UD	54.4	350	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	84.4	UD	84.4	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	UD	120	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	UD	110	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	UD	100	350	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	130	UD	130	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	210	UD	210	350	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	220	UD	220	350	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.0		70 (63) - 130 (155)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	62.2		70 (70) - 130 (134)	124%	SPK: 50
2037-26-5	Toluene-d8	70.4	*	70 (74) - 130 (123)	141%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.4		70 (17) - 130 (146)	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	161000	8.224			
540-36-3	1,4-Difluorobenzene	252000	9.1			
3114-55-4	Chlorobenzene-d5	281000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	130000	13.788			

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1ME	SDG No.:	Q2363
Lab Sample ID:	Q2363-01ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.5
Sample Wt/Vol:	4.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087140.D	1		06/20/25 15:29	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046768.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1W	SDG No.:	Q2363
Lab Sample ID:	Q2363-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046768.D	1		06/19/25 13:36	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1200	E	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1000	E	0.16	1.00	ug/L
71-43-2	Benzene	1.80		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	6.70		0.14	1.00	ug/L

Raw Data: **VX046768.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1W	SDG No.:	Q2363
Lab Sample ID:	Q2363-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046768.D	1		06/19/25 13:36	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	76.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	2.50		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	110		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.6		70 (74) - 130 (125)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97900	5.562			
540-36-3	1,4-Difluorobenzene	166000	6.769			
3114-55-4	Chlorobenzene-d5	148000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	72500	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX046768.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1W	SDG No.:	Q2363
Lab Sample ID:	Q2363-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046768.D	1		06/19/25 13:36	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	170	J		1.77	ug/L
000109-66-0	Pentane	160	J		1.97	ug/L
000107-83-5	Pentane, 2-methyl-	110	J		2.84	ug/L
000096-14-0	Pentane, 3-methyl-	130	J		3.12	ug/L
000110-54-3	n-Hexane	130	J		3.46	ug/L
000096-37-7	Cyclopentane, methyl-	580	J		4.32	ug/L
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	130	J		6.37	ug/L
000591-49-1	Cyclohexene, 1-methyl-	200	J		8.51	ug/L
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	160	J		8.98	ug/L
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	130	J		9.62	ug/L
	unknown10.780	120	J		10.8	ug/L
103-65-1	n-propylbenzene	190	J		11.3	ug/L
135-98-8	sec-Butylbenzene	23.9	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	20.8	J		12.0	ug/L
000496-11-7	Indane	220	J		12.2	ug/L
104-51-8	n-Butylbenzene	23.9	J		12.3	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	110	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	120	J		12.7	ug/L
000934-10-1	3-Phenylbut-1-ene	180	J		13.3	ug/L

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

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

Raw Data: **VN087127.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1WDL	SDG No.:	Q2363
Lab Sample ID:	Q2363-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087127.D	20		06/20/25 11:01	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.40	UD	4.40	20.0	ug/L
74-87-3	Chloromethane	6.40	UD	6.40	20.0	ug/L
75-01-4	Vinyl Chloride	5.20	UD	5.20	20.0	ug/L
74-83-9	Bromomethane	28.8	UD	28.8	100	ug/L
75-00-3	Chloroethane	9.40	UD	9.40	20.0	ug/L
75-69-4	Trichlorofluoromethane	6.60	UD	6.60	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5.00	20.0	ug/L
75-35-4	1,1-Dichloroethene	4.60	UD	4.60	20.0	ug/L
67-64-1	Acetone	30.2	UD	30.2	100	ug/L
75-15-0	Carbon Disulfide	4.20	UD	4.20	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	3.20	UD	3.20	20.0	ug/L
79-20-9	Methyl Acetate	5.40	UDQ	5.40	20.0	ug/L
75-09-2	Methylene Chloride	5.60	UD	5.60	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	4.60	UD	4.60	20.0	ug/L
75-34-3	1,1-Dichloroethane	4.60	UD	4.60	20.0	ug/L
110-82-7	Cyclohexane	910	D	29.0	100	ug/L
78-93-3	2-Butanone	19.6	UD	19.6	100	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	5.00	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	3.80	UD	3.80	20.0	ug/L
74-97-5	Bromochloromethane	4.40	UD	4.40	20.0	ug/L
67-66-3	Chloroform	5.00	UD	5.00	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	4.00	UD	4.00	20.0	ug/L
108-87-2	Methylcyclohexane	720	D	3.20	20.0	ug/L
71-43-2	Benzene	3.00	UD	3.00	20.0	ug/L
107-06-2	1,2-Dichloroethane	4.40	UD	4.40	20.0	ug/L
79-01-6	Trichloroethene	1.90	UD	1.90	20.0	ug/L
78-87-5	1,2-Dichloropropane	4.00	UD	4.00	20.0	ug/L
75-27-4	Bromodichloromethane	4.40	UD	4.40	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	13.6	UD	13.6	100	ug/L
108-88-3	Toluene	2.80	UD	2.80	20.0	ug/L

Raw Data: **VN087127.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1WDL	SDG No.:	Q2363
Lab Sample ID:	Q2363-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087127.D	20		06/20/25 11:01	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	3.40	UD	3.40	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.20	UD	3.20	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	4.20	UD	4.20	20.0	ug/L
591-78-6	2-Hexanone	17.8	UD	17.8	100	ug/L
124-48-1	Dibromochloromethane	3.60	UD	3.60	20.0	ug/L
106-93-4	1,2-Dibromoethane	3.00	UD	3.00	20.0	ug/L
127-18-4	Tetrachloroethene	4.60	UD	4.60	20.0	ug/L
108-90-7	Chlorobenzene	2.40	UD	2.40	20.0	ug/L
100-41-4	Ethyl Benzene	49.0	D	2.60	20.0	ug/L
179601-23-1	m/p-Xylenes	4.80	UD	4.80	40.0	ug/L
95-47-6	o-Xylene	2.40	UD	2.40	20.0	ug/L
100-42-5	Styrene	3.00	UD	3.00	20.0	ug/L
75-25-2	Bromoform	3.80	UD	3.80	20.0	ug/L
98-82-8	Isopropylbenzene	71.4	D	2.40	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.20	UD	5.20	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	3.80	UD	3.80	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	3.20	UD	3.20	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	10.6	UD	10.6	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	4.00	UD	4.00	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	192000	8.229			
540-36-3	1,4-Difluorobenzene	386000	9.106			
3114-55-4	Chlorobenzene-d5	347000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	164000	13.788			

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1WDL	SDG No.:	Q2363
Lab Sample ID:	Q2363-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087127.D	20		06/20/25 11:01	VN062025

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,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q2363-01	GCAP1	1,2-Dichloroethane-d4	50	45.7	91		70 (63)	130 (155)
		Dibromofluoromethane	50	49.9	100		70 (70)	130 (134)
		Toluene-d8	50	65.0	130		70 (74)	130 (123)
		4-Bromofluorobenzene	50	82.5	165	*	70 (17)	130 (146)
Q2363-01ME	GCAP1ME	1,2-Dichloroethane-d4	50	50.0	100		70 (63)	130 (155)
		Dibromofluoromethane	50	62.2	124		70 (70)	130 (134)
		Toluene-d8	50	70.4	141	*	70 (74)	130 (123)
		4-Bromofluorobenzene	50	59.5	119		70 (17)	130 (146)
VN0620MBL01	VN0620MBL01	1,2-Dichloroethane-d4	50	52.6	105		70 (63)	130 (155)
		Dibromofluoromethane	50	51.6	103		70 (70)	130 (134)
		Toluene-d8	50	52.9	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.9	96		70 (17)	130 (146)
VN0620MBS01	VN0620MBS01	1,2-Dichloroethane-d4	50	46.1	92		70 (63)	130 (155)
		Dibromofluoromethane	50	54.3	109		70 (70)	130 (134)
		Toluene-d8	50	53.0	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.9	102		70 (17)	130 (146)
VY0624SBL01	VY0624SBL01	1,2-Dichloroethane-d4	50	54.5	109		70 (63)	130 (155)
		Dibromofluoromethane	50	52.4	105		70 (70)	130 (134)
		Toluene-d8	50	49.2	98		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.8	86		70 (17)	130 (146)
VY0624SBS01	VY0624SBS01	1,2-Dichloroethane-d4	50	50.7	101		70 (63)	130 (155)
		Dibromofluoromethane	50	51.1	102		70 (70)	130 (134)
		Toluene-d8	50	50.7	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	48.5	97		70 (17)	130 (146)
VY0624SBSD01	VY0624SBSD01	1,2-Dichloroethane-d4	50	48.6	97		70 (63)	130 (155)
		Dibromofluoromethane	50	49.7	99		70 (70)	130 (134)
		Toluene-d8	50	50.5	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.7	95		70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2363-02	GCAP1W	1,2-Dichloroethane-d4	50	45.6	91	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.6	103	70 (77)	130 (121)
Q2363-02DL	GCAP1WDL	1,2-Dichloroethane-d4	50	54.4	109	70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104	70 (75)	130 (124)
		Toluene-d8	50	53.5	107	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100	70 (77)	130 (121)
VN0620WBL01	VN0620WBL01	1,2-Dichloroethane-d4	50	54.9	110	70 (74)	130 (125)
		Dibromofluoromethane	50	51.5	103	70 (75)	130 (124)
		Toluene-d8	50	52.7	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98	70 (77)	130 (121)
VN0620WBS01	VN0620WBS01	1,2-Dichloroethane-d4	50	47.4	95	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	105	70 (75)	130 (124)
		Toluene-d8	50	49.0	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101	70 (77)	130 (121)
VX0619WBL01	VX0619WBL01	1,2-Dichloroethane-d4	50	48.3	97	70 (74)	130 (125)
		Dibromofluoromethane	50	49.0	98	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.4	99	70 (77)	130 (121)
VX0619WBS01	VX0619WBS01	1,2-Dichloroethane-d4	50	49.8	100	70 (74)	130 (125)
		Dibromofluoromethane	50	52.0	104	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.1	108	70 (77)	130 (121)
VX0619WBSD0	VX0619WBSD01	1,2-Dichloroethane-d4	50	51.5	103	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	106	70 (75)	130 (124)
		Toluene-d8	50	52.7	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.9	110	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087125.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0620WBS01	Dichlorodifluoromethane	20	17.6	ug/L	88			40 (69)	160 (116)	
	Chloromethane	20	15.3	ug/L	77			40 (65)	160 (116)	
	Vinyl chloride	20	18.4	ug/L	92			70 (65)	130 (117)	
	Bromomethane	20	19.3	ug/L	97			40 (58)	160 (125)	
	Chloroethane	20	18.6	ug/L	93			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.1	ug/L	91			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	74.1	ug/L	74			40 (60)	160 (125)	
	Carbon disulfide	20	18.9	ug/L	95			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.1	ug/L	86			70 (78)	130 (114)	
	Methyl Acetate	20	13.8	ug/L	69		*	70 (67)	130 (125)	
	Methylene Chloride	20	17.5	ug/L	88			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	17.4	ug/L	87			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.0	ug/L	90			70 (78)	130 (112)	
	Cyclohexane	20	16.0	ug/L	80			70 (75)	130 (110)	
	2-Butanone	100	73.4	ug/L	73			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.9	ug/L	95			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.8	ug/L	89			70 (77)	130 (110)	
	Bromochloromethane	20	15.4	ug/L	77			70 (70)	130 (124)	
	Chloroform	20	17.5	ug/L	88			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			70 (80)	130 (108)	
	Methylcyclohexane	20	15.5	ug/L	78			70 (72)	130 (115)	
	Benzene	20	18.1	ug/L	91			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.1	ug/L	91			70 (80)	130 (115)	
	Trichloroethene	20	18.8	ug/L	94			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.2	ug/L	91			70 (83)	130 (111)	
	Bromodichloromethane	20	18.2	ug/L	91			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	81.6	ug/L	82			40 (74)	160 (118)	
	Toluene	20	18.5	ug/L	93			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.2	ug/L	91			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.3	ug/L	92			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.6	ug/L	93			70 (83)	130 (112)	
	2-Hexanone	100	71.9	ug/L	72			40 (73)	160 (117)	
	Dibromochloromethane	20	19.0	ug/L	95			70 (82)	130 (110)	
	1,2-Dibromoethane	20	17.9	ug/L	90			70 (81)	130 (110)	
	Tetrachloroethene	20	17.9	ug/L	90			70 (67)	130 (123)	
	Chlorobenzene	20	18.3	ug/L	92			70 (82)	130 (109)	
	Ethyl Benzene	20	17.4	ug/L	87			70 (83)	130 (109)	
	m/p-Xylenes	40	36.2	ug/L	91			70 (82)	130 (110)	
	o-Xylene	20	18.0	ug/L	90			70 (83)	130 (109)	
	Styrene	20	18.0	ug/L	90			70 (80)	130 (111)	
	Bromoform	20	18.8	ug/L	94			70 (79)	130 (109)	
	Isopropylbenzene	20	17.1	ug/L	86			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.4	ug/L	87			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	17.6	ug/L	88			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087125.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0620WBS01	1,2-Dibromo-3-Chloropropane	20	14.9	ug/L	75			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	15.1	ug/L	76			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	14.7	ug/L	74			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VN087138.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0620MBS01	Dichlorodifluoromethane	2000	2000	ug/Kg	100			40 (64)	160 (136)	
	Chloromethane	2000	1600	ug/Kg	80			40 (52)	160 (151)	
	Vinyl chloride	2000	2100	ug/Kg	105			70 (56)	130 (148)	
	Bromomethane	2000	2100	ug/Kg	105			40 (58)	160 (141)	
	Chloroethane	2000	1900	ug/Kg	95			40 (69)	160 (130)	
	Trichlorofluoromethane	2000	1800	ug/Kg	90			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	2000	2100	ug/Kg	105			70 (81)	130 (123)	
	1,1-Dichloroethene	2000	2100	ug/Kg	105			70 (79)	130 (121)	
	Acetone	10000	7900	ug/Kg	79			40 (40)	160 (171)	
	Carbon disulfide	2000	2100	ug/Kg	105			40 (59)	160 (130)	
	Methyl tert-butyl Ether	2000	1900	ug/Kg	95			70 (77)	130 (129)	
	Methyl Acetate	2000	1600	ug/Kg	80			70 (69)	130 (149)	
	Methylene Chloride	2000	1900	ug/Kg	95			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	2000	2000	ug/Kg	100			70 (80)	130 (123)	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			70 (82)	130 (123)	
	Cyclohexane	2000	1700	ug/Kg	85			70 (76)	130 (122)	
	2-Butanone	10000	7200	ug/Kg	72			40 (69)	160 (131)	
	Carbon Tetrachloride	2000	1900	ug/Kg	95			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	2000	1800	ug/Kg	90			70 (82)	130 (123)	
	Bromochloromethane	2000	1700	ug/Kg	85			70 (80)	130 (127)	
	Chloroform	2000	1800	ug/Kg	90			70 (82)	130 (125)	
	1,1,1-Trichloroethane	2000	1900	ug/Kg	95			70 (80)	130 (126)	
	Methylcyclohexane	2000	1600	ug/Kg	80			70 (77)	130 (123)	
	Benzene	2000	1900	ug/Kg	95			70 (84)	130 (121)	
	1,2-Dichloroethane	2000	1800	ug/Kg	90			70 (81)	130 (126)	
	Trichloroethene	2000	2000	ug/Kg	100			70 (83)	130 (122)	
	1,2-Dichloropropane	2000	1800	ug/Kg	90			70 (83)	130 (122)	
	Bromodichloromethane	2000	2000	ug/Kg	100			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	10000	8500	ug/Kg	85			40 (70)	160 (135)	
	Toluene	2000	2000	ug/Kg	100			70 (83)	130 (122)	
	t-1,3-Dichloropropene	2000	1700	ug/Kg	85			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	2000	1800	ug/Kg	90			70 (81)	130 (122)	
	1,1,2-Trichloroethane	2000	2000	ug/Kg	100			70 (82)	130 (125)	
	2-Hexanone	10000	7200	ug/Kg	72			40 (66)	160 (138)	
	Dibromochloromethane	2000	2000	ug/Kg	100			70 (79)	130 (125)	
	1,2-Dibromoethane	2000	2000	ug/Kg	100			70 (80)	130 (125)	
	Tetrachloroethene	2000	1600	ug/Kg	80			70 (83)	130 (125)	
	Chlorobenzene	2000	1800	ug/Kg	90			70 (84)	130 (122)	
	Ethyl Benzene	2000	1600	ug/Kg	80			70 (82)	130 (124)	
	m/p-Xylenes	4000	3400	ug/Kg	85			70 (83)	130 (124)	
	o-Xylene	2000	1800	ug/Kg	90			70 (83)	130 (123)	
	Styrene	2000	1800	ug/Kg	90			70 (82)	130 (124)	
	Bromoform	2000	1800	ug/Kg	90			70 (75)	130 (127)	
	Isopropylbenzene	2000	1700	ug/Kg	85			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	2000	1700	ug/Kg	85			70 (77)	130 (127)	
	1,3-Dichlorobenzene	2000	1800	ug/Kg	90			70 (83)	130 (122)	
	1,4-Dichlorobenzene	2000	1800	ug/Kg	90			70 (84)	130 (121)	
	1,2-Dichlorobenzene	2000	1800	ug/Kg	90			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VN087138.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0620MBS01	1,2-Dibromo-3-Chloropropane	2000	1600	ug/Kg	80			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	2000	1500	ug/Kg	75			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	2000	1500	ug/Kg	75			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0619WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	21.2	ug/L	106			40 (58)	160 (125)	
	Chloroethane	20	19.9	ug/L	100			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.4	ug/L	92			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.6	ug/L	93			70 (74)	130 (110)	
	Acetone	100	74.1	ug/L	74			40 (60)	160 (125)	
	Carbon disulfide	20	17.0	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.0	ug/L	85			70 (78)	130 (114)	
	Methyl Acetate	20	16.0	ug/L	80			70 (67)	130 (125)	
	Methylene Chloride	20	18.1	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.5	ug/L	93			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	78.9	ug/L	79			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.0	ug/L	90			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	20.8	ug/L	104			70 (70)	130 (124)	
	Chloroform	20	19.0	ug/L	95			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			70 (80)	130 (108)	
	Methylcyclohexane	20	18.5	ug/L	93			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.5	ug/L	93			70 (80)	130 (115)	
	Trichloroethene	20	18.4	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.4	ug/L	92			70 (83)	130 (111)	
	Bromodichloromethane	20	18.9	ug/L	95			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	81.6	ug/L	82			40 (74)	160 (118)	
	Toluene	20	19.0	ug/L	95			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.0	ug/L	90			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.2	ug/L	91			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			70 (83)	130 (112)	
	2-Hexanone	100	78.9	ug/L	79			40 (73)	160 (117)	
	Dibromochloromethane	20	18.4	ug/L	92			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.0	ug/L	90			70 (81)	130 (110)	
	Tetrachloroethene	20	17.7	ug/L	89			70 (67)	130 (123)	
	Chlorobenzene	20	18.0	ug/L	90			70 (82)	130 (109)	
	Ethyl Benzene	20	18.0	ug/L	90			70 (83)	130 (109)	
	m/p-Xylenes	40	37.2	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	18.6	ug/L	93			70 (83)	130 (109)	
	Styrene	20	18.3	ug/L	92			70 (80)	130 (111)	
	Bromoform	20	16.7	ug/L	84			70 (79)	130 (109)	
	Isopropylbenzene	20	18.1	ug/L	91			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.3	ug/L	86			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.5	ug/L	88			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBS01	1,2-Dibromo-3-Chloropropane	20	15.1	ug/L	76			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046763.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBSD01	Dichlorodifluoromethane	20	19.8	ug/L	99	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	19.5	ug/L	98	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.7	ug/L	99	4		70 (65)	130 (117)	20 (19)
	Bromomethane	20	22.2	ug/L	111	5		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.6	ug/L	103	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.3	ug/L	97	5		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99	6		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.5	ug/L	98	5		70 (74)	130 (110)	20 (20)
	Acetone	100	81.5	ug/L	82	10		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.0	ug/L	90	6		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.7	ug/L	94	10		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	17.8	ug/L	89	11		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.3	ug/L	97	6		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	4		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.4	ug/L	97	4		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.7	ug/L	99	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	87.0	ug/L	87	10		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.1	ug/L	96	6		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	4		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	23.1	ug/L	116	11		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.5	ug/L	103	8		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.3	ug/L	97	9		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.0	ug/L	95	2		70 (72)	130 (115)	20 (20)
	Benzene	20	20.0	ug/L	100	5		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.1	ug/L	101	8		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.3	ug/L	97	5		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.3	ug/L	102	10		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.1	ug/L	101	6		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	91.8	ug/L	92	11		40 (74)	160 (118)	20 (25)
	Toluene	20	20.3	ug/L	102	7		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.5	ug/L	98	9		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.9	ug/L	100	9		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.4	ug/L	102	9		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	88.8	ug/L	89	12		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	19.9	ug/L	100	8		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.1	ug/L	101	12		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.8	ug/L	94	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.4	ug/L	97	7		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.1	ug/L	96	6		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	38.8	ug/L	97	4		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.8	ug/L	99	6		70 (83)	130 (109)	20 (20)
	Styrene	20	19.7	ug/L	99	7		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.4	ug/L	92	9		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.6	ug/L	93	2		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	18.4	ug/L	92	7		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.6	ug/L	93	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	17.8	ug/L	89	1		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.0	ug/L	95	4		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046763.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBSD01	1,2-Dibromo-3-Chloropropane	20	16.1	ug/L	81	6		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.3	ug/L	92	7		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	18.2	ug/L	91	3		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022787.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0624SBS01	Dichlorodifluoromethane	20	20.7	ug/Kg	104			40 (64)	160 (136)	
	Chloromethane	20	20.4	ug/Kg	102			40 (52)	160 (151)	
	Vinyl chloride	20	20.3	ug/Kg	102			70 (56)	130 (148)	
	Bromomethane	20	21.4	ug/Kg	107			40 (58)	160 (141)	
	Chloroethane	20	20.3	ug/Kg	102			40 (69)	160 (130)	
	Trichlorofluoromethane	20	20.2	ug/Kg	101			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	20.5	ug/Kg	103			70 (81)	130 (123)	
	1,1-Dichloroethene	20	20.1	ug/Kg	101			70 (79)	130 (121)	
	Acetone	100	100	ug/Kg	100			40 (40)	160 (171)	
	Carbon disulfide	20	20.5	ug/Kg	103			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101			70 (77)	130 (129)	
	Methyl Acetate	20	18.7	ug/Kg	94			70 (69)	130 (149)	
	Methylene Chloride	20	18.3	ug/Kg	92			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.5	ug/Kg	103			70 (82)	130 (123)	
	Cyclohexane	20	20.1	ug/Kg	101			70 (76)	130 (122)	
	2-Butanone	100	100	ug/Kg	100			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.9	ug/Kg	100			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			70 (82)	130 (123)	
	Bromochloromethane	20	20.5	ug/Kg	103			70 (80)	130 (127)	
	Chloroform	20	19.9	ug/Kg	100			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103			70 (80)	130 (126)	
	Methylcyclohexane	20	20.1	ug/Kg	101			70 (77)	130 (123)	
	Benzene	20	20.1	ug/Kg	101			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.1	ug/Kg	101			70 (81)	130 (126)	
	Trichloroethene	20	19.9	ug/Kg	100			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.3	ug/Kg	102			70 (83)	130 (122)	
	Bromodichloromethane	20	20.4	ug/Kg	102			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.2	ug/Kg	101			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.3	ug/Kg	102			70 (82)	130 (125)	
	2-Hexanone	100	98.6	ug/Kg	99			40 (66)	160 (138)	
	Dibromochloromethane	20	19.6	ug/Kg	98			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.0	ug/Kg	100			70 (80)	130 (125)	
	Tetrachloroethene	20	18.6	ug/Kg	93			70 (83)	130 (125)	
	Chlorobenzene	20	19.7	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	19.5	ug/Kg	98			70 (82)	130 (124)	
	m/p-Xylenes	40	39.0	ug/Kg	98			70 (83)	130 (124)	
	o-Xylene	20	19.0	ug/Kg	95			70 (83)	130 (123)	
	Styrene	20	19.1	ug/Kg	96			70 (82)	130 (124)	
	Bromoform	20	18.8	ug/Kg	94			70 (75)	130 (127)	
	Isopropylbenzene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.7	ug/Kg	99			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.5	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.4	ug/Kg	97			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022787.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0624SBS01	1,2-Dibromo-3-Chloropropane	20	19.4	ug/Kg	97			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022788.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0624SBSD01	Dichlorodifluoromethane	20	21.6	ug/Kg	108	4		40 (64)	160 (136)	30 (20)
	Chloromethane	20	19.9	ug/Kg	100	2		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	20.6	ug/Kg	103	1		70 (56)	130 (148)	30 (20)
	Bromomethane	20	20.6	ug/Kg	103	4		40 (58)	160 (141)	30 (20)
	Chloroethane	20	20.0	ug/Kg	100	2		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	20.7	ug/Kg	104	3		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.0	ug/Kg	105	2		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	20.0	ug/Kg	100	1		70 (79)	130 (121)	30 (20)
	Acetone	100	94.2	ug/Kg	94	6		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	20.5	ug/Kg	103	0		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	19.1	ug/Kg	96	5		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	17.5	ug/Kg	88	7		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	17.9	ug/Kg	90	2		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	19.8	ug/Kg	99	2		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	20.3	ug/Kg	102	1		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	20.2	ug/Kg	101	0		70 (76)	130 (122)	30 (20)
	2-Butanone	100	93.6	ug/Kg	94	6		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	20.6	ug/Kg	103	3		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	19.5	ug/Kg	98	2		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	20.2	ug/Kg	101	2		70 (80)	130 (127)	30 (20)
	Chloroform	20	19.7	ug/Kg	99	1		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	20.4	ug/Kg	102	1		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	20.3	ug/Kg	102	1		70 (77)	130 (123)	30 (20)
	Benzene	20	20.2	ug/Kg	101	0		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.3	ug/Kg	102	1		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.6	ug/Kg	103	3		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.0	ug/Kg	100	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	19.9	ug/Kg	100	2		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	95.0	ug/Kg	95	5		40 (70)	160 (135)	30 (20)
	Toluene	20	20.0	ug/Kg	100	1		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.3	ug/Kg	97	1		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.6	ug/Kg	98	3		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	19.8	ug/Kg	99	3		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	90.5	ug/Kg	91	8		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	19.6	ug/Kg	98	0		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	19.1	ug/Kg	96	4		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	21.6	ug/Kg	108	15		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	20.1	ug/Kg	101	2		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	20.1	ug/Kg	101	3		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	39.5	ug/Kg	99	1		70 (83)	130 (124)	30 (20)
	o-Xylene	20	19.3	ug/Kg	97	2		70 (83)	130 (123)	30 (20)
	Styrene	20	19.3	ug/Kg	97	1		70 (82)	130 (124)	30 (20)
	Bromoform	20	19.0	ug/Kg	95	1		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	20.5	ug/Kg	103	2		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	18.7	ug/Kg	94	15		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	20.1	ug/Kg	101	2		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99	1		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	19.8	ug/Kg	99	2		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2363

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY022788.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0624SBSD01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/Kg	96	1		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	20.0	ug/Kg	100	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98	3		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0620MBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087123.D Lab Sample ID: VN0620MBL01

Date Analyzed: 06/20/2025 Time Analyzed: 09:25

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

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0620MBS01	VN0620MBS01	VN087138.D	06/20/2025
GCAP1ME	Q2363-01ME	VN087140.D	06/20/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0620WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087124.D Lab Sample ID: VN0620WBL01

Date Analyzed: 06/20/2025 Time Analyzed: 09:46

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

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0620WBS01	VN0620WBS01	VN087125.D	06/20/2025
GCAP1WDL	Q2363-02DL	VN087127.D	06/20/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0619WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046760.D Lab Sample ID: VX0619WBL01

Date Analyzed: 06/19/2025 Time Analyzed: 10:33

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025
VX0619WBSD01	VX0619WBSD01	VX046763.D	06/19/2025
GCAP1W	Q2363-02	VX046768.D	06/19/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0624SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022786.D Lab Sample ID: VY0624SBL01

Date Analyzed: 06/24/2025 Time Analyzed: 10:25

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
VY0624SBS01	VY0624SBS01	VY022787.D	06/24/2025
VY0624SBSD01	VY0624SBSD01	VY022788.D	06/24/2025
GCAP1	Q2363-01	VY022793.D	06/24/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.3 (98.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086862.D	06/06/2025	12:44
VSTDICC005	VSTDICC005	VN086863.D	06/06/2025	13:17
VSTDICC020	VSTDICC020	VN086864.D	06/06/2025	13:40
VSTDICCC050	VSTDICCC050	VN086865.D	06/06/2025	14:03
VSTDICC100	VSTDICC100	VN086866.D	06/06/2025	14:26
VSTDICC150	VSTDICC150	VN086867.D	06/06/2025	14:49

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087121.D BFB Injection Date: 06/20/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:18

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16
75	30.0 - 60.0% of mass 95	47.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	73.5
175	5.0 - 9.0% of mass 174	5.4 (7.3) 1
176	95.0 - 101.0% of mass 174	71.5 (97.2) 1
177	5.0 - 9.0% of mass 176	4.7 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087122.D	06/20/2025	08:51
VN0620MBL01	VN0620MBL01	VN087123.D	06/20/2025	09:25
VN0620WBL01	VN0620WBL01	VN087124.D	06/20/2025	09:46
VN0620WBS01	VN0620WBS01	VN087125.D	06/20/2025	10:06
GCAP1WDL	Q2363-02DL	VN087127.D	06/20/2025	11:01
VN0620MBS01	VN0620MBS01	VN087138.D	06/20/2025	14:48
GCAP1ME	Q2363-01ME	VN087140.D	06/20/2025	15:29

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046715.D BFB Injection Date: 06/17/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:46

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	74.8
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72 (96.2) 1
177	5.0 - 9.0% of mass 176	4.3 (6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046718.D	06/17/2025	11:19
VSTDICC020	VSTDICC020	VX046719.D	06/17/2025	13:59
VSTDICCC050	VSTDICCC050	VX046720.D	06/17/2025	14:20
VSTDICC100	VSTDICC100	VX046721.D	06/17/2025	14:41
VSTDICC150	VSTDICC150	VX046722.D	06/17/2025	15:02
VSTDICC001	VSTDICC001	VX046725.D	06/17/2025	17:18

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046757.D BFB Injection Date: 06/19/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:42

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	72.6
175	5.0 - 9.0% of mass 174	5.7 (7.8) 1
176	95.0 - 101.0% of mass 174	71.1 (97.9) 1
177	5.0 - 9.0% of mass 176	4.5 (6.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046758.D	06/19/2025	09:43
VX0619WBL01	VX0619WBL01	VX046760.D	06/19/2025	10:33
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025	11:24
VX0619WBSD01	VX0619WBSD01	VX046763.D	06/19/2025	11:51
GCAP1W	Q2363-02	VX046768.D	06/19/2025	13:36

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022775.D BFB Injection Date: 06/23/2025

Instrument ID: MSVOA_Y BFB Injection Time: 10:17

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	22.8
75	30.0 - 60.0% of mass 95	56.2
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	81.9
175	5.0 - 9.0% of mass 174	6 (7.4) 1
176	95.0 - 101.0% of mass 174	78.2 (95.5) 1
177	5.0 - 9.0% of mass 176	5.1 (6.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY022776.D	06/23/2025	13:38
VSTDICC010	VSTDICC010	VY022777.D	06/23/2025	14:00
VSTDICC020	VSTDICC020	VY022778.D	06/23/2025	14:23
VSTDICCC050	VSTDICCC050	VY022779.D	06/23/2025	14:46
VSTDICC100	VSTDICC100	VY022780.D	06/23/2025	15:08
VSTDICC150	VSTDICC150	VY022781.D	06/23/2025	15:31

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022784.D BFB Injection Date: 06/24/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:49

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	22.9
75	30.0 - 60.0% of mass 95	55.8
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 (1.2) 1
174	50.0 - 100.0% of mass 95	79.8
175	5.0 - 9.0% of mass 174	6.2 (7.7) 1
176	95.0 - 101.0% of mass 174	77.4 (96.9) 1
177	5.0 - 9.0% of mass 176	5.1 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022785.D	06/24/2025	09:20
VY0624SBL01	VY0624SBL01	VY022786.D	06/24/2025	10:25
VY0624SBS01	VY0624SBS01	VY022787.D	06/24/2025	10:58
VY0624SBSD01	VY0624SBSD01	VY022788.D	06/24/2025	11:21
GCAP1	Q2363-01	VY022793.D	06/24/2025	13:32

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087122.D Date Analyzed: 06/20/2025

Instrument ID: MSVOA_N Time Analyzed: 08:51

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	203626	8.23	354629	9.11	307356	11.87
UPPER LIMIT	407252	8.73	709258	9.606	614712	12.365
LOWER LIMIT	101813	7.73	177315	8.606	153678	11.365
EPA SAMPLE NO.						
GCAP1ME	160799	8.22	252217	9.10	281251	11.87
VN0620MBL01	161603	8.23	319855	9.11	284735	11.87
VN0620MBS01	157684	8.23	276593	9.11	261641	11.87
GCAP1WDL	192434	8.23	385508	9.11	346901	11.87
VN0620WBL01	186699	8.23	379621	9.11	343369	11.87
VN0620WBS01	175525	8.23	309350	9.11	276352	11.87

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VN087122.D Date Analyzed: 06/20/2025

Instrument ID: MSVOA_N Time Analyzed: 08:51

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

	IS4 AREA #	RT #				
12 HOUR STD	151554	13.788				
UPPER LIMIT	303108	14.288				
LOWER LIMIT	75777	13.288				
EPA SAMPLE NO.						
GCAP1ME	129659	13.79				
VN0620MBL01	131966	13.79				
VN0620MBS01	136861	13.79				
GCAP1WDL	163544	13.79				
VN0620WBL01	159510	13.79				
VN0620WBS01	139787	13.79				

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	137182	5.56	224265	6.76	197740	10.05
UPPER LIMIT	274364	6.056	448530	7.263	395480	10.549
LOWER LIMIT	68591	5.056	112133	6.263	98870	9.549
EPA SAMPLE NO.						
GCAP1W	97884	5.56	166362	6.77	147962	10.06
VX0619WBL01	124937	5.56	212303	6.77	191555	10.06
VX0619WBS01	137936	5.56	227140	6.77	207463	10.06
VX0619WBSD01	120371	5.56	199496	6.76	183807	10.06

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	96867	12.018				
UPPER LIMIT	193734	12.518				
LOWER LIMIT	48433.5	11.518				
EPA SAMPLE NO.						
GCAP1W	72498	12.02				
VX0619WBL01	93040	12.02				
VX0619WBS01	104652	12.02				
VX0619WBSD01	94851	12.02				

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022785.D Date Analyzed: 06/24/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:20

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	480569	7.71	788269	8.62	678315	11.41
UPPER LIMIT	961138	8.207	1576540	9.116	1356630	11.914
LOWER LIMIT	240285	7.207	394135	8.116	339158	10.914
EPA SAMPLE NO.						
GCAP1	325185	7.70	571084	8.61	576784	11.41
VY0624SBL01	300507	7.71	535641	8.61	452693	11.41
VY0624SBS01	456381	7.70	765818	8.61	658494	11.41
VY0624SBSD01	454676	7.71	751533	8.61	644021	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Lab File ID: VY022785.D Date Analyzed: 06/24/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:20

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

	IS4 AREA #	RT #				
12 HOUR STD	340335	13.34				
UPPER LIMIT	680670	13.84				
LOWER LIMIT	170168	12.84				
EPA SAMPLE NO.						
GCAP1	303388	13.34				
VY0624SBL01	171409	13.34				
VY0624SBS01	311846	13.34				
VY0624SBSD01	303566	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

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:	Capra	Date Received:	
Client Sample ID:	VN0620MBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087123.D	1		06/20/25 09:25	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/Kg
74-87-3	Chloromethane	110	U	110	500	ug/Kg
75-01-4	Vinyl Chloride	79.0	U	79.0	500	ug/Kg
74-83-9	Bromomethane	110	U	110	500	ug/Kg
75-00-3	Chloroethane	130	U	130	500	ug/Kg
75-69-4	Trichlorofluoromethane	120	U	120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	110	500	ug/Kg
75-35-4	1,1-Dichloroethene	100	U	100	500	ug/Kg
67-64-1	Acetone	470	U	470	2500	ug/Kg
75-15-0	Carbon Disulfide	110	U	110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	73.0	U	73.0	500	ug/Kg
79-20-9	Methyl Acetate	150	U	150	500	ug/Kg
75-09-2	Methylene Chloride	350	U	350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	86.0	U	86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	80.0	U	80.0	500	ug/Kg
110-82-7	Cyclohexane	79.0	U	79.0	500	ug/Kg
78-93-3	2-Butanone	650	U	650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	97.0	U	97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	75.0	U	75.0	500	ug/Kg
74-97-5	Bromochloromethane	120	U	120	500	ug/Kg
67-66-3	Chloroform	84.0	U	84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	93.0	U	93.0	500	ug/Kg
108-87-2	Methylcyclohexane	91.0	U	91.0	500	ug/Kg
71-43-2	Benzene	79.0	U	79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	79.0	U	79.0	500	ug/Kg
79-01-6	Trichloroethene	81.0	U	81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	91.0	U	91.0	500	ug/Kg
75-27-4	Bromodichloromethane	78.0	U	78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	360	U	360	2500	ug/Kg
108-88-3	Toluene	78.0	U	78.0	500	ug/Kg

Raw Data: **VN087123.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:	Capra	Date Received:	
Client Sample ID:	VN0620MBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087123.D	1		06/20/25 09:25	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	65.0	U	65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	62.0	U	62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	92.0	U	92.0	500	ug/Kg
591-78-6	2-Hexanone	370	U	370	2500	ug/Kg
124-48-1	Dibromochloromethane	87.0	U	87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	88.0	U	88.0	500	ug/Kg
127-18-4	Tetrachloroethene	110	U	110	500	ug/Kg
108-90-7	Chlorobenzene	91.0	U	91.0	500	ug/Kg
100-41-4	Ethyl Benzene	67.0	U	67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	120	U	120	1000	ug/Kg
95-47-6	o-Xylene	82.0	U	82.0	500	ug/Kg
100-42-5	Styrene	71.0	U	71.0	500	ug/Kg
75-25-2	Bromoform	86.0	U	86.0	500	ug/Kg
98-82-8	Isopropylbenzene	78.0	U	78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	320	U	320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	52.9		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		70 (17) - 130 (146)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	162000	8.23			
540-36-3	1,4-Difluorobenzene	320000	9.106			
3114-55-4	Chlorobenzene-d5	285000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.788			

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:	Capra	Date Received:	
Client Sample ID:	VN0620MBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087123.D	1		06/20/25 09:25	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087124.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:	Capra	Date Received:	
Client Sample ID:	VN0620WBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087124.D	1		06/20/25 09:46	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VN087124.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:	Capra	Date Received:	
Client Sample ID:	VN0620WBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087124.D	1		06/20/25 09:46	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.9		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	52.7		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	8.23			
540-36-3	1,4-Difluorobenzene	380000	9.106			
3114-55-4	Chlorobenzene-d5	343000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	160000	13.788			

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:	Capra	Date Received:	
Client Sample ID:	VN0620WBL01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087124.D	1		06/20/25 09:46	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046760.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:	Capra	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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:	Capra	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	125000	5.562			
540-36-3	1,4-Difluorobenzene	212000	6.769			
3114-55-4	Chlorobenzene-d5	192000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	93000	12.018			

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:	Capra	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

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:	Capra	Date Received:	
Client Sample ID:	VY0624SBL01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022786.D	1		06/24/25 10:25	VY062425

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: **VY022786.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:	Capra	Date Received:	
Client Sample ID:	VY0624SBL01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022786.D	1		06/24/25 10:25	VY062425

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	54.5		70 (63) - 130 (155)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		70 (17) - 130 (146)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	301000	7.707			
540-36-3	1,4-Difluorobenzene	536000	8.61			
3114-55-4	Chlorobenzene-d5	453000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	171000	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:	Capra	Date Received:	
Client Sample ID:	VY0624SBL01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022786.D	1		06/24/25 10:25	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087138.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:	Capra	Date Received:	
Client Sample ID:	VN0620MBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087138.D	1		06/20/25 14:48	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2000		110	500	ug/Kg
74-87-3	Chloromethane	1600		110	500	ug/Kg
75-01-4	Vinyl Chloride	2100		79.0	500	ug/Kg
74-83-9	Bromomethane	2100		110	500	ug/Kg
75-00-3	Chloroethane	1900		130	500	ug/Kg
75-69-4	Trichlorofluoromethane	1800		120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2100		110	500	ug/Kg
75-35-4	1,1-Dichloroethene	2100		100	500	ug/Kg
67-64-1	Acetone	7900		470	2500	ug/Kg
75-15-0	Carbon Disulfide	2100		110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1900		73.0	500	ug/Kg
79-20-9	Methyl Acetate	1600		150	500	ug/Kg
75-09-2	Methylene Chloride	1900		350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2000		86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	2000		80.0	500	ug/Kg
110-82-7	Cyclohexane	1700		79.0	500	ug/Kg
78-93-3	2-Butanone	7200		650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	1900		97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1800		75.0	500	ug/Kg
74-97-5	Bromochloromethane	1700		120	500	ug/Kg
67-66-3	Chloroform	1800		84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	1900		93.0	500	ug/Kg
108-87-2	Methylcyclohexane	1600		91.0	500	ug/Kg
71-43-2	Benzene	1900		79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	1800		79.0	500	ug/Kg
79-01-6	Trichloroethene	2000		81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	1800		91.0	500	ug/Kg
75-27-4	Bromodichloromethane	2000		78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8500		360	2500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VN0620MBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087138.D	1		06/20/25 14:48	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1700		65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1800		62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	2000		92.0	500	ug/Kg
591-78-6	2-Hexanone	7200		370	2500	ug/Kg
124-48-1	Dibromochloromethane	2000		87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	2000		88.0	500	ug/Kg
127-18-4	Tetrachloroethene	1600		110	500	ug/Kg
108-90-7	Chlorobenzene	1800		91.0	500	ug/Kg
100-41-4	Ethyl Benzene	1600		67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	3400		120	1000	ug/Kg
95-47-6	o-Xylene	1800		82.0	500	ug/Kg
100-42-5	Styrene	1800		71.0	500	ug/Kg
75-25-2	Bromoform	1800		86.0	500	ug/Kg
98-82-8	Isopropylbenzene	1700		78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1700		120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1600		180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1500		320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.1		70 (63) - 130 (155)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		70 (70) - 130 (134)	109%	SPK: 50
2037-26-5	Toluene-d8	53.0		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (17) - 130 (146)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	158000	8.23			
540-36-3	1,4-Difluorobenzene	277000	9.106			
3114-55-4	Chlorobenzene-d5	262000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.788			

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:	Capra	Date Received:	
Client Sample ID:	VN0620MBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087138.D	1		06/20/25 14:48	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VN087125.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:	Capra	Date Received:	
Client Sample ID:	VN0620WBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087125.D	1		06/20/25 10:06	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.6		0.22	1.00	ug/L
74-87-3	Chloromethane	15.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.26	1.00	ug/L
74-83-9	Bromomethane	19.3		1.40	5.00	ug/L
75-00-3	Chloroethane	18.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	74.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	13.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.0		1.50	5.00	ug/L
78-93-3	2-Butanone	73.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	15.4		0.22	1.00	ug/L
67-66-3	Chloroform	17.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	15.5		0.16	1.00	ug/L
71-43-2	Benzene	18.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.6		0.68	5.00	ug/L
108-88-3	Toluene	18.5		0.14	1.00	ug/L

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:	Capra	Date Received:	
Client Sample ID:	VN0620WBS01	SDG No.:	Q2363
Lab Sample ID:	VN0620WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087125.D	1		06/20/25 10:06	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	71.9		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.2		0.24	2.00	ug/L
95-47-6	o-Xylene	18.0		0.12	1.00	ug/L
100-42-5	Styrene	18.0		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	14.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	15.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	14.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.4		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	176000	8.229			
540-36-3	1,4-Difluorobenzene	309000	9.106			
3114-55-4	Chlorobenzene-d5	276000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	140000	13.788			

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:	Capra			Date Received:	
Client Sample ID:	VN0620WBS01			SDG No.:	Q2363
Lab Sample ID:	VN0620WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087125.D	1		06/20/25 10:06	VN062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046762.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:	Capra	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.22	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	21.2		1.40	5.00	ug/L
75-00-3	Chloroethane	19.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.23	1.00	ug/L
67-64-1	Acetone	74.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	16.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	78.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.6		0.68	5.00	ug/L
108-88-3	Toluene	19.0		0.14	1.00	ug/L

Raw Data: **VX046762.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:	Capra	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	78.9		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	2.00	ug/L
95-47-6	o-Xylene	18.6		0.12	1.00	ug/L
100-42-5	Styrene	18.3		0.15	1.00	ug/L
75-25-2	Bromoform	16.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	138000	5.562			
540-36-3	1,4-Difluorobenzene	227000	6.769			
3114-55-4	Chlorobenzene-d5	207000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	105000	12.018			

Raw Data: **VX046762.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:	Capra	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

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:	Capra	Date Received:	
Client Sample ID:	VY0624SBS01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022787.D	1		06/24/25 10:58	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.3		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.2		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.1		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.5		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	18.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	18.3		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	20.5		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.1		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.9		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	20.1		0.91	5.00	ug/Kg
71-43-2	Benzene	20.1		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.3		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.4		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	19.8		0.78	5.00	ug/Kg

Raw Data: **VY022787.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:	Capra	Date Received:	
Client Sample ID:	VY0624SBS01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022787.D	1		06/24/25 10:58	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.6		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.2		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	98.6		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.6		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	18.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.5		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.0		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.0		0.82	5.00	ug/Kg
100-42-5	Styrene	19.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.8		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	21.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.4		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.1		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	50.7		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		70 (17) - 130 (146)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	7.701			
540-36-3	1,4-Difluorobenzene	766000	8.61			
3114-55-4	Chlorobenzene-d5	658000	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:	Capra	Date Received:	
Client Sample ID:	VY0624SBS01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022787.D	1		06/24/25 10:58	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046763.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:	Capra	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.22	1.00	ug/L
74-87-3	Chloromethane	19.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.7		0.26	1.00	ug/L
74-83-9	Bromomethane	22.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.5		0.23	1.00	ug/L
67-64-1	Acetone	81.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.7		1.50	5.00	ug/L
78-93-3	2-Butanone	87.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.1		0.22	1.00	ug/L
67-66-3	Chloroform	20.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.16	1.00	ug/L
71-43-2	Benzene	20.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	91.8		0.68	5.00	ug/L
108-88-3	Toluene	20.3		0.14	1.00	ug/L

Raw Data: **VX046763.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:	Capra	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	88.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.8		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	52.7		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.562			
540-36-3	1,4-Difluorobenzene	199000	6.763			
3114-55-4	Chlorobenzene-d5	184000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	94900	12.018			

Raw Data: **VX046763.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:	Capra	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2363
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VY022788.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:	Capra	Date Received:	
Client Sample ID:	VY0624SBSD01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022788.D	1		06/24/25 11:21	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.6		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.9		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.6		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.7		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.0		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	20.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.5		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	17.9		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	93.6		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.2		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.4		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.3		0.91	5.00	ug/Kg
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.6		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.0		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.9		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	95.0		3.60	25.0	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg

Raw Data: **VY022788.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:	Capra	Date Received:	
Client Sample ID:	VY0624SBSD01	SDG No.:	Q2363
Lab Sample ID:	VY0624SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022788.D	1		06/24/25 11:21	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.6		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	90.5		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.6		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.6		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.3		0.82	5.00	ug/Kg
100-42-5	Styrene	19.3		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.0		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.5		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.1		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.0		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.6		70 (63) - 130 (155)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 (70) - 130 (134)	99%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		70 (17) - 130 (146)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	455000	7.707			
540-36-3	1,4-Difluorobenzene	752000	8.609			
3114-55-4	Chlorobenzene-d5	644000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	304000	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:	Capra			Date Received:	
Client Sample ID:	VY0624SBSD01			SDG No.:	Q2363
Lab Sample ID:	VY0624SBSD01			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	100
Sample Wt/Vol:	5	Units:	g	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022788.D	1		06/24/25 11:21	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

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

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.5
Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.9
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5
Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.6
Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.4
Trichlorofluoromethane	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.9
1,1,2-Trichlorotrifluoroethane	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.8
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4
Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.5
Carbon Disulfide	1.718	1.622	1.542	1.426	1.496	1.433	1.539	7.4
Methyl tert-butyl Ether	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.7
Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.1
Methylene Chloride	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.5
trans-1,2-Dichloroethene	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.3
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2
Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.2
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9
Bromochloromethane	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.5
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9
Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.8
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2
1,2-Dichloropropane	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.4
Bromodichloromethane	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.8
4-Methyl-2-Pentanone	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.6
Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.6

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

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

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.6
cis-1,3-Dichloropropene	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.6
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7
2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.4
Dibromochloromethane	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.5
1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.2
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7
Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.900	4.2
m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.8
o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.4
Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.5
Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.1
Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.2
1,1,2,2-Tetrachloroethane	1.292	1.299	1.273	1.178	1.205	1.157	1.234	5
1,3-Dichlorobenzene	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5
1,4-Dichlorobenzene	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.3
1,2-Dichlorobenzene	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.8
1,2-Dibromo-3-Chloropropane	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.3
1,2,4-Trichlorobenzene	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.8
1,2,3-Trichlorobenzene	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.464	0.507	0.583	0.627	0.598	0.425	0.534	15.1
Chloromethane	0.541	0.570	0.593	0.641	0.627	0.485	0.576	10
Vinyl Chloride	0.569	0.632	0.634	0.687	0.644	0.521	0.614	9.7
Bromomethane	0.371	0.367	0.369	0.341	0.280		0.346	11.1
Chloroethane	0.350	0.388	0.377	0.405	0.381	0.332	0.372	7.1
Trichlorofluoromethane	0.897	0.974	0.967	1.030	0.972	0.757	0.933	10.3
1,1,2-Trichlorotrifluoroethane	0.563	0.608	0.576	0.623	0.594	0.470	0.572	9.6
1,1-Dichloroethene	0.527	0.574	0.569	0.609	0.583	0.451	0.552	10.2
Acetone	0.219	0.222	0.220	0.238	0.234	0.251	0.231	5.6
Carbon Disulfide	1.503	1.644	1.599	1.735	1.656	1.869	1.668	7.5
Methyl tert-butyl Ether	1.628	1.803	1.752	1.898	1.808	1.427	1.720	9.8
Methyl Acetate	0.577	0.590	0.581	0.650	0.647	0.470	0.586	11.2
Methylene Chloride	0.655	0.655	0.610	0.666	0.624	0.637	0.641	3.3
trans-1,2-Dichloroethene	0.569	0.627	0.589	0.637	0.595	0.529	0.591	6.7
1,1-Dichloroethane	1.054	1.153	1.088	1.170	1.114	0.972	1.092	6.6
Cyclohexane	0.983	1.086	1.013	1.074	1.021		1.036	4.2
2-Butanone	0.319	0.325	0.338	0.371	0.353	0.251	0.326	12.7
Carbon Tetrachloride	0.509	0.537	0.515	0.548	0.531	0.470	0.518	5.4
cis-1,2-Dichloroethene	0.681	0.731	0.686	0.741	0.704	0.623	0.694	6.1
Bromochloromethane	0.527	0.459	0.485	0.519	0.500	0.480	0.495	5.2
Chloroform	1.102	1.190	1.114	1.181	1.109	0.857	1.092	11.1
1,1,1-Trichloroethane	0.931	1.012	0.956	1.046	0.990	0.812	0.958	8.6
Methylcyclohexane	0.631	0.642	0.629	0.672	0.647	0.550	0.628	6.6
Benzene	1.431	1.477	1.417	1.509	1.427	1.218	1.413	7.2
1,2-Dichloroethane	0.508	0.523	0.495	0.528	0.497	0.429	0.497	7.2
Trichloroethene	0.355	0.374	0.356	0.389	0.366	0.320	0.360	6.5
1,2-Dichloropropane	0.347	0.372	0.346	0.374	0.357	0.305	0.350	7.2
Bromodichloromethane	0.510	0.545	0.522	0.562	0.540	0.404	0.514	11.1
4-Methyl-2-Pentanone	0.408	0.414	0.426	0.460	0.439	0.322	0.411	11.6
Toluene	0.884	0.927	0.888	0.927	0.881	0.750	0.876	7.4

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.438	0.484	0.488	0.555	0.540	0.355	0.477	15.3
cis-1,3-Dichloropropene	0.516	0.555	0.548	0.603	0.589	0.436	0.541	11.1
1,1,2-Trichloroethane	0.330	0.341	0.326	0.347	0.329	0.287	0.327	6.4
2-Hexanone	0.285	0.285	0.297	0.320	0.305	0.214	0.284	13
Dibromochloromethane	0.380	0.402	0.388	0.419	0.402	0.318	0.385	9.3
1,2-Dibromoethane	0.333	0.348	0.335	0.363	0.346	0.267	0.332	10.1
Tetrachloroethene	0.345	0.353	0.340	0.360	0.339	0.341	0.346	2.4
Chlorobenzene	1.114	1.148	1.091	1.165	1.100	1.005	1.104	5.1
Ethyl Benzene	1.905	2.030	1.933	2.062	1.945	1.696	1.929	6.7
m/p-Xylenes	0.705	0.764	0.724	0.765	0.718	0.635	0.719	6.7
o-Xylene	0.686	0.729	0.692	0.739	0.698	0.498	0.673	13.1
Styrene	1.144	1.256	1.208	1.267	1.203	0.993	1.179	8.6
Bromoform	0.268	0.295	0.287	0.315	0.304	0.226	0.282	11.3
Isopropylbenzene	3.593	3.914	3.723	4.004	3.814	3.048	3.682	9.3
1,1,2,2-Tetrachloroethane	1.037	1.075	1.044	1.124	1.074	0.816	1.028	10.6
1,3-Dichlorobenzene	1.703	1.787	1.678	1.786	1.719	1.694	1.728	2.7
1,4-Dichlorobenzene	1.743	1.830	1.653	1.789	1.702	1.932	1.775	5.6
1,2-Dichlorobenzene	1.604	1.701	1.592	1.703	1.628	1.460	1.615	5.5
1,2-Dibromo-3-Chloropropane	0.196	0.205	0.211	0.235	0.237	0.134	0.203	18.6
1,2,4-Trichlorobenzene	1.040	1.138	1.127	1.253	1.160	1.170	1.148	6
1,2,3-Trichlorobenzene	1.062	1.129	1.082	1.207	1.153	0.957	1.098	7.9
1,2-Dichloroethane-d4	0.801	0.567	0.649	0.726	0.714		0.692	12.7
Dibromofluoromethane	0.362	0.267	0.320	0.354	0.351		0.331	11.9
Toluene-d8	1.342	0.973	1.144	1.250	1.234		1.189	11.7
4-Bromofluorobenzene	0.513	0.354	0.426	0.466	0.456		0.443	13.3

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:38 15:31

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

LAB FILE ID: RRF005 = VY022776.D RRF010 = VY022777.D RRF020 = VY022778.D
RRF050 = VY022779.D RRF100 = VY022780.D RRF150 = VY022781.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.424	0.456	0.474	0.424	0.404	0.384	0.428	7.7
Chloromethane	0.837	0.921	0.865	0.793	0.758	0.724	0.816	8.9
Vinyl Chloride	0.934	1.099	1.091	1.045	0.993	0.958	1.020	6.8
Bromomethane	0.784	0.885	0.854	0.771	0.760	0.756	0.802	6.8
Chloroethane	0.649	0.736	0.722	0.694	0.673	0.640	0.686	5.6
Trichlorofluoromethane	0.999	1.180	1.219	1.166	1.127	1.085	1.129	7
1,1,2-Trichlorotrifluoroethane	0.508	0.560	0.547	0.515	0.492	0.474	0.516	6.3
1,1-Dichloroethene	0.478	0.539	0.524	0.514	0.500	0.483	0.506	4.7
Acetone	0.117	0.124	0.114	0.095	0.096	0.087	0.105	13.9
Carbon Disulfide	1.516	1.705	1.731	1.667	1.625	1.566	1.635	5.1
Methyl tert-butyl Ether	1.173	1.398	1.396	1.435	1.460	1.405	1.378	7.5
Methyl Acetate	0.272	0.358	0.440	0.351	0.353	0.322	0.349	15.7
Methylene Chloride	0.840	0.777	0.664	0.590	0.578	0.548	0.666	17.7
trans-1,2-Dichloroethene	0.521	0.604	0.597	0.592	0.581	0.575	0.578	5.2
1,1-Dichloroethane	0.949	1.075	1.079	1.077	1.055	1.030	1.044	4.8
Cyclohexane	0.998	1.021	0.988	0.946	0.905	0.894	0.959	5.4
2-Butanone	0.145	0.160	0.160	0.153	0.156	0.147	0.154	4.4
Carbon Tetrachloride	0.439	0.498	0.507	0.491	0.492	0.491	0.486	5
cis-1,2-Dichloroethene	0.606	0.689	0.687	0.685	0.687	0.678	0.672	4.8
Bromochloromethane	0.437	0.431	0.437	0.459	0.443	0.427	0.439	2.6
Chloroform	0.986	1.130	1.099	1.096	1.084	1.059	1.076	4.6
1,1,1-Trichloroethane	0.847	0.945	0.973	0.950	0.939	0.923	0.929	4.7
Methylcyclohexane	0.543	0.589	0.610	0.618	0.608	0.611	0.596	4.7
Benzene	1.248	1.433	1.451	1.464	1.467	1.440	1.417	5.9
1,2-Dichloroethane	0.335	0.397	0.402	0.400	0.404	0.392	0.388	6.8
Trichloroethene	0.305	0.364	0.382	0.372	0.360	0.350	0.356	7.6
1,2-Dichloropropane	0.289	0.339	0.345	0.339	0.341	0.337	0.332	6.4
Bromodichloromethane	0.422	0.495	0.496	0.498	0.504	0.498	0.485	6.4
4-Methyl-2-Pentanone	0.168	0.201	0.215	0.226	0.230	0.221	0.210	10.9
Toluene	0.747	0.873	0.908	0.926	0.955	0.954	0.894	8.8

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:38 15:31

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

LAB FILE ID: RRF005 = VY022776.D RRF010 = VY022777.D RRF020 = VY022778.D
RRF050 = VY022779.D RRF100 = VY022780.D RRF150 = VY022781.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.355	0.430	0.438	0.451	0.473	0.473	0.437	10
cis-1,3-Dichloropropene	0.412	0.503	0.523	0.524	0.540	0.538	0.506	9.6
1,1,2-Trichloroethane	0.207	0.249	0.249	0.253	0.255	0.250	0.244	7.4
2-Hexanone	0.115	0.140	0.145	0.151	0.157	0.149	0.143	10.5
Dibromochloromethane	0.260	0.315	0.321	0.329	0.336	0.329	0.315	8.8
1,2-Dibromoethane	0.193	0.231	0.229	0.237	0.244	0.236	0.228	7.8
Tetrachloroethene	0.399	0.465	0.535	0.515	0.473	0.446	0.472	10.3
Chlorobenzene	0.981	1.110	1.131	1.126	1.130	1.114	1.099	5.3
Ethyl Benzene	1.644	1.881	1.971	2.029	2.040	2.018	1.930	7.9
m/p-Xylenes	0.624	0.722	0.759	0.782	0.800	0.791	0.746	8.8
o-Xylene	0.578	0.674	0.708	0.734	0.759	0.765	0.703	10
Styrene	0.926	1.108	1.165	1.249	1.309	1.309	1.178	12.5
Bromoform	0.178	0.204	0.203	0.212	0.225	0.220	0.207	8
Isopropylbenzene	3.354	3.764	3.823	3.778	3.709	3.759	3.698	4.7
1,1,2,2-Tetrachloroethane	0.597	0.659	0.566	0.567	0.594	0.593	0.596	5.6
1,3-Dichlorobenzene	1.546	1.660	1.692	1.708	1.750	1.744	1.683	4.5
1,4-Dichlorobenzene	1.564	1.740	1.688	1.685	1.690	1.666	1.672	3.5
1,2-Dichlorobenzene	1.395	1.488	1.502	1.499	1.515	1.502	1.483	3
1,2-Dibromo-3-Chloropropane	0.102	0.101	0.103	0.103	0.102	0.096	0.101	2.7
1,2,4-Trichlorobenzene	0.778	0.841	0.848	0.843	0.871	0.845	0.838	3.7
1,2,3-Trichlorobenzene	0.679	0.723	0.735	0.728	0.751	0.727	0.724	3.3
1,2-Dichloroethane-d4	0.568	0.550	0.557	0.559	0.571	0.545	0.558	1.8
Dibromofluoromethane	0.306	0.297	0.295	0.304	0.314	0.308	0.304	2.3
Toluene-d8	1.182	1.148	1.186	1.215	1.262	1.247	1.207	3.6
4-Bromofluorobenzene	0.368	0.362	0.370	0.385	0.423	0.421	0.388	7

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_N Calibration Date/Time: 06/20/2025 08:51

Lab File ID: VN087122.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.499	0.562		12.63	20
Chloromethane	0.644	0.569	0.1	-11.65	20
Vinyl Chloride	0.664	0.755		13.7	20
Bromomethane	0.372	0.413		11.02	20
Chloroethane	0.429	0.470		9.56	20
Trichlorofluoromethane	0.868	0.973		12.1	20
1,1,2-Trichlorotrifluoroethane	0.545	0.618		13.39	20
1,1-Dichloroethene	0.557	0.621		11.49	20
Acetone	0.355	0.401		12.96	20
Carbon Disulfide	1.539	1.736		12.8	20
Methyl tert-butyl Ether	2.015	2.100		4.22	20
Methyl Acetate	1.035	0.888		-14.2	20
Methylene Chloride	0.665	0.682		2.56	20
trans-1,2-Dichloroethene	0.619	0.660		6.62	20
1,1-Dichloroethane	1.120	1.192	0.1	6.43	20
Cyclohexane	1.086	1.038		-4.42	20
2-Butanone	0.577	0.503		-12.82	20
Carbon Tetrachloride	0.433	0.485		12.01	20
cis-1,2-Dichloroethene	0.740	0.789		6.62	20
Bromochloromethane	0.550	0.505		-8.18	20
Chloroform	1.118	1.161		3.85	20
1,1,1-Trichloroethane	0.951	0.998		4.94	20
Methylcyclohexane	0.605	0.596		-1.49	20
Benzene	1.444	1.560		8.03	20
1,2-Dichloroethane	0.438	0.468		6.85	20
Trichloroethene	0.342	0.380		11.11	20
1,2-Dichloropropane	0.351	0.381		8.55	20
Bromodichloromethane	0.480	0.522		8.75	20
4-Methyl-2-Pentanone	0.543	0.523		-3.68	20
Toluene	0.882	0.968		9.75	20
t-1,3-Dichloropropene	0.537	0.595		10.8	20
cis-1,3-Dichloropropene	0.574	0.641		11.67	20
1,1,2-Trichloroethane	0.340	0.365		7.35	20
2-Hexanone	0.350	0.345		-1.43	20
Dibromochloromethane	0.354	0.396		11.86	20
1,2-Dibromoethane	0.348	0.374		7.47	20
Tetrachloroethene	0.316	0.347		9.81	20
Chlorobenzene	1.103	1.217	0.3	10.34	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_N Calibration Date/Time: 06/20/2025 08:51

Lab File ID: VN087122.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.900	2.054		8.1	20
m/p-Xylenes	0.727	0.830		14.17	20
o-Xylene	0.696	0.787		13.07	20
Styrene	1.192	1.339		12.33	20
Bromoform	0.263	0.304	0.1	15.59	20
Isopropylbenzene	3.643	3.919		7.58	20
1,1,2,2-Tetrachloroethane	1.234	1.287	0.3	4.3	20
1,3-Dichlorobenzene	1.644	1.796		9.25	20
1,4-Dichlorobenzene	1.676	1.831		9.25	20
1,2-Dichlorobenzene	1.579	1.693		7.22	20
1,2-Dibromo-3-Chloropropane	0.295	0.273		-7.46	20
1,2,4-Trichlorobenzene	1.008	0.932		-7.54	20
1,2,3-Trichlorobenzene	1.002	0.905		-9.68	20
1,2-Dichloroethane-d4	0.669	0.665		-0.6	20
Dibromofluoromethane	0.296	0.333		12.5	20
Toluene-d8	1.173	1.216		3.67	20
4-Bromofluorobenzene	0.436	0.458		5.05	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.565		5.8	20
Chloromethane	0.576	0.595	0.1	3.3	20
Vinyl Chloride	0.614	0.641		4.4	20
Bromomethane	0.346	0.384		10.98	20
Chloroethane	0.372	0.387		4.03	20
Trichlorofluoromethane	0.933	0.957		2.57	20
1,1,2-Trichlorotrifluoroethane	0.572	0.592		3.5	20
1,1-Dichloroethene	0.552	0.572		3.62	20
Acetone	0.231	0.185		-19.91	20
Carbon Disulfide	1.668	1.595		-4.38	20
Methyl tert-butyl Ether	1.720	1.569		-8.78	20
Methyl Acetate	0.586	0.480		-18.09	20
Methylene Chloride	0.641	0.618		-3.59	20
trans-1,2-Dichloroethene	0.591	0.587		-0.68	20
1,1-Dichloroethane	1.092	1.081	0.1	-1.01	20
Cyclohexane	1.036	1.018		-1.74	20
2-Butanone	0.326	0.263		-19.33	20
Carbon Tetrachloride	0.518	0.515		-0.58	20
cis-1,2-Dichloroethene	0.694	0.686		-1.15	20
Bromochloromethane	0.495	0.476		-3.84	20
Chloroform	1.092	1.093		0.09	20
1,1,1-Trichloroethane	0.958	0.939		-1.98	20
Methylcyclohexane	0.628	0.627		-0.32	20
Benzene	1.413	1.415		0.14	20
1,2-Dichloroethane	0.497	0.481		-3.22	20
Trichloroethene	0.360	0.357		-0.83	20
1,2-Dichloropropane	0.350	0.353		0.86	20
Bromodichloromethane	0.514	0.521		1.36	20
4-Methyl-2-Pentanone	0.411	0.339		-17.52	20
Toluene	0.876	0.877		0.11	20
t-1,3-Dichloropropene	0.477	0.481		0.84	20
cis-1,3-Dichloropropene	0.541	0.545		0.74	20
1,1,2-Trichloroethane	0.327	0.311		-4.89	20
2-Hexanone	0.284	0.229		-19.37	20
Dibromochloromethane	0.385	0.377		-2.08	20
1,2-Dibromoethane	0.332	0.317		-4.52	20
Tetrachloroethene	0.346	0.344		-0.58	20
Chlorobenzene	1.104	1.089	0.3	-1.36	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	1.918		-0.57	20
m/p-Xylenes	0.719	0.724		0.69	20
o-Xylene	0.673	0.687		2.08	20
Styrene	1.179	1.192		1.1	20
Bromoform	0.282	0.263	0.1	-6.74	20
Isopropylbenzene	3.682	3.747		1.76	20
1,1,2,2-Tetrachloroethane	1.028	0.933	0.3	-9.24	20
1,3-Dichlorobenzene	1.728	1.670		-3.36	20
1,4-Dichlorobenzene	1.775	1.693		-4.62	20
1,2-Dichlorobenzene	1.615	1.598		-1.05	20
1,2-Dibromo-3-Chloropropane	0.203	0.164		-19.21	20
1,2,4-Trichlorobenzene	1.148	1.111		-3.22	20
1,2,3-Trichlorobenzene	1.098	1.064		-3.1	20
1,2-Dichloroethane-d4	0.692	0.639		-7.66	20
Dibromofluoromethane	0.331	0.327		-1.21	20
Toluene-d8	1.189	1.166		-1.93	20
4-Bromofluorobenzene	0.443	0.433		-2.26	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date/Time: 06/24/2025 09:20

Lab File ID: VY022785.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.428	0.390		-8.88	20
Chloromethane	0.816	0.733	0.1	-10.17	20
Vinyl Chloride	1.020	0.931		-8.73	20
Bromomethane	0.802	0.695		-13.34	20
Chloroethane	0.686	0.626		-8.75	20
Trichlorofluoromethane	1.129	1.023		-9.39	20
1,1,2-Trichlorotrifluoroethane	0.516	0.503		-2.52	20
1,1-Dichloroethene	0.506	0.489		-3.36	20
Acetone	0.105	0.124		18.09	20
Carbon Disulfide	1.635	1.605		-1.84	20
Methyl tert-butyl Ether	1.378	1.347		-2.25	20
Methyl Acetate	0.349	0.296		-15.19	20
Methylene Chloride	0.666	0.577		-13.36	20
trans-1,2-Dichloroethene	0.578	0.559		-3.29	20
1,1-Dichloroethane	1.044	1.022	0.1	-2.11	20
Cyclohexane	0.959	0.899		-6.26	20
2-Butanone	0.154	0.159		3.25	20
Carbon Tetrachloride	0.486	0.484		-0.41	20
cis-1,2-Dichloroethene	0.672	0.652		-2.98	20
Bromochloromethane	0.439	0.438		-0.23	20
Chloroform	1.076	1.045		-2.79	20
1,1,1-Trichloroethane	0.929	0.904		-2.69	20
Methylcyclohexane	0.596	0.602		1.01	20
Benzene	1.417	1.410		-0.49	20
1,2-Dichloroethane	0.388	0.391		0.77	20
Trichloroethene	0.356	0.347		-2.53	20
1,2-Dichloropropane	0.332	0.331		-0.3	20
Bromodichloromethane	0.485	0.484		-0.21	20
4-Methyl-2-Pentanone	0.210	0.214		1.9	20
Toluene	0.894	0.889		-0.56	20
t-1,3-Dichloropropene	0.437	0.441		0.92	20
cis-1,3-Dichloropropene	0.506	0.512		1.19	20
1,1,2-Trichloroethane	0.244	0.245		0.41	20
2-Hexanone	0.143	0.150		4.89	20
Dibromochloromethane	0.315	0.315		0	20
1,2-Dibromoethane	0.228	0.226		-0.88	20
Tetrachloroethene	0.472	0.441		-6.57	20
Chlorobenzene	1.099	1.101	0.3	0.18	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Instrument ID: MSVOA_Y Calibration Date/Time: 06/24/2025 09:20

Lab File ID: VY022785.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.930	1.991		3.16	20
m/p-Xylenes	0.746	0.768		2.95	20
o-Xylene	0.703	0.719		2.28	20
Styrene	1.178	1.214		3.06	20
Bromoform	0.207	0.204	0.1	-1.45	20
Isopropylbenzene	3.698	3.705		0.19	20
1,1,2,2-Tetrachloroethane	0.596	0.613	0.3	2.85	20
1,3-Dichlorobenzene	1.683	1.685		0.12	20
1,4-Dichlorobenzene	1.672	1.646		-1.55	20
1,2-Dichlorobenzene	1.483	1.446		-2.49	20
1,2-Dibromo-3-Chloropropane	0.101	0.097		-3.96	20
1,2,4-Trichlorobenzene	0.838	0.807		-3.7	20
1,2,3-Trichlorobenzene	0.724	0.692		-4.42	20
1,2-Dichloroethane-d4	0.558	0.544		-2.51	20
Dibromofluoromethane	0.304	0.310		1.97	20
Toluene-d8	1.207	1.226		1.57	20
4-Bromofluorobenzene	0.388	0.387		-0.26	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\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Time: Jun 25 01:25:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

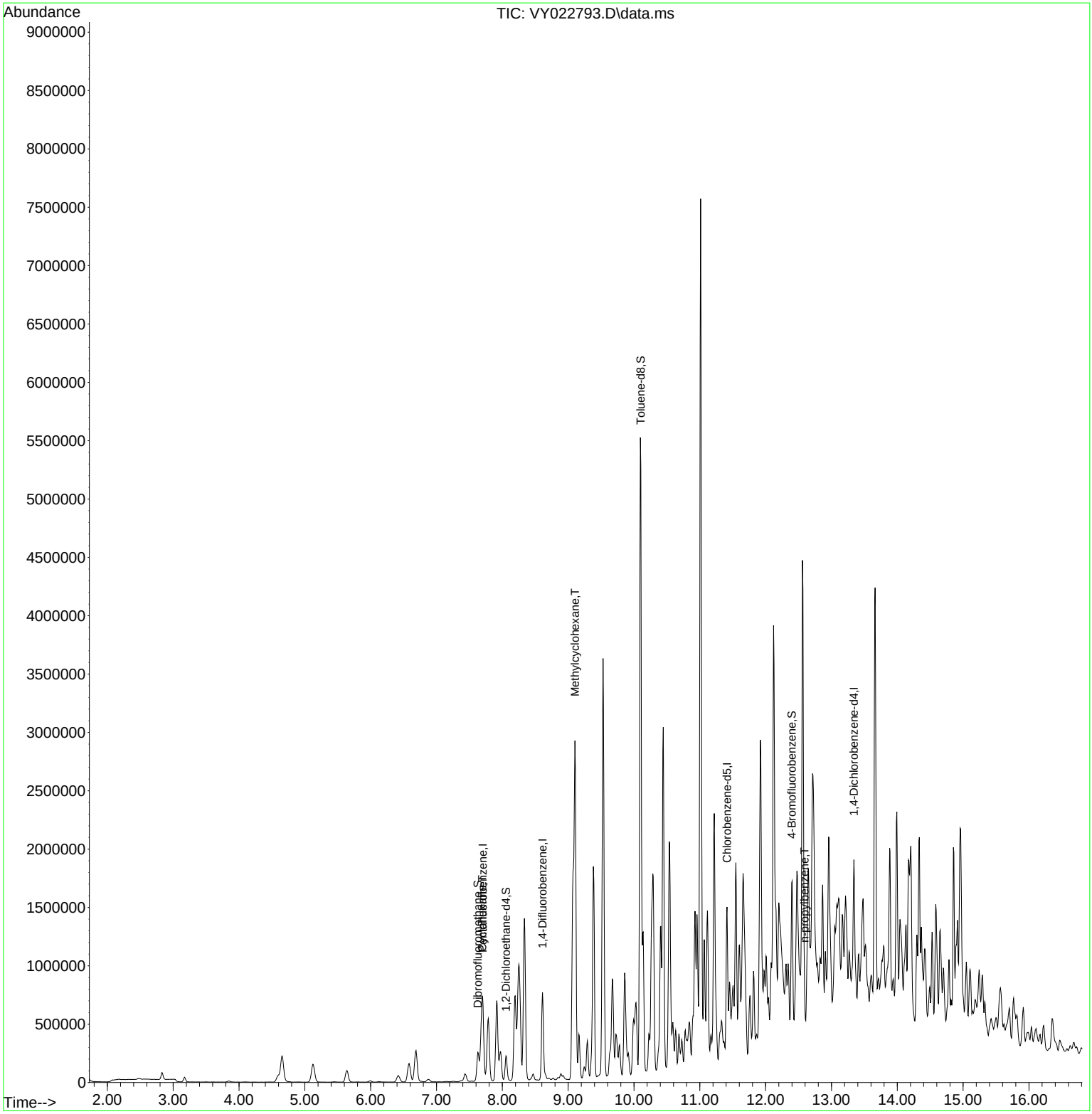
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	325185	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	571084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	576784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	165802	45.683	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.360%			
35) Dibromofluoromethane	7.628	113	173360	49.916	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.840%			
50) Toluene-d8	10.103	98	896002	65.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 130.020%			
62) 4-Bromofluorobenzene	12.396	95	365336	82.462	ug/l	-0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 164.920%#			
Target Compounds						Qvalue
31) Cyclohexane	7.695	56	185350	29.732	ug/l	94
39) Methylcyclohexane	9.103	83	1398906	205.343	ug/l	99
78) n-propylbenzene	12.591	91	106853	3.944	ug/l	93

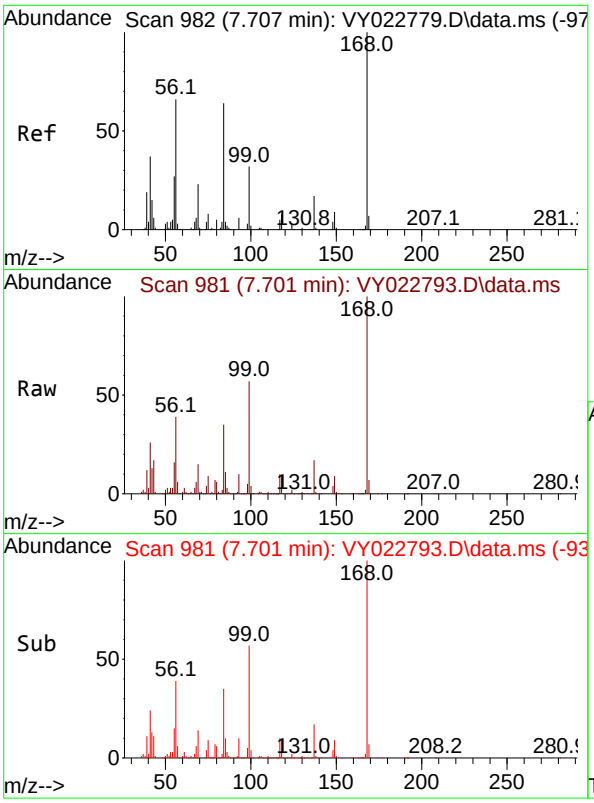
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Time: Jun 25 01:25:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



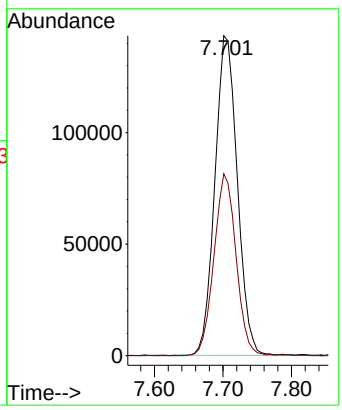


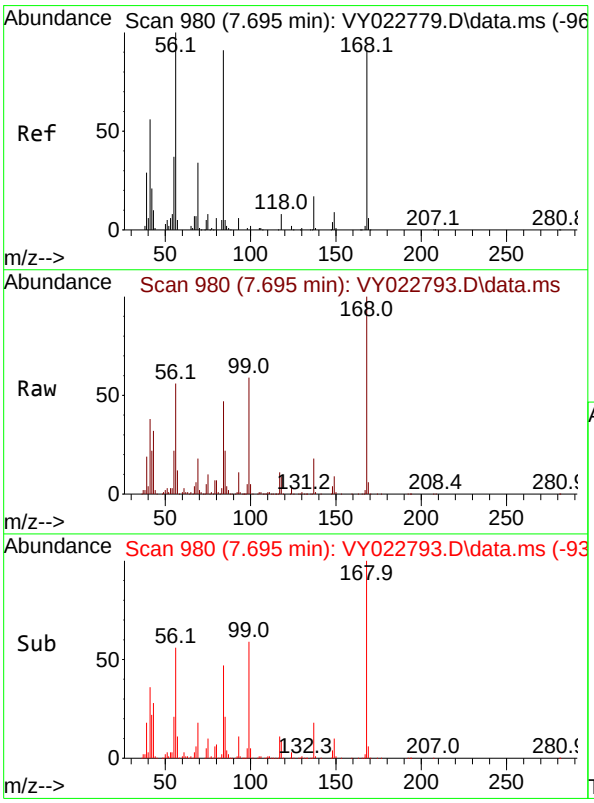
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion:168 Resp: 325185

Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.3	66.5

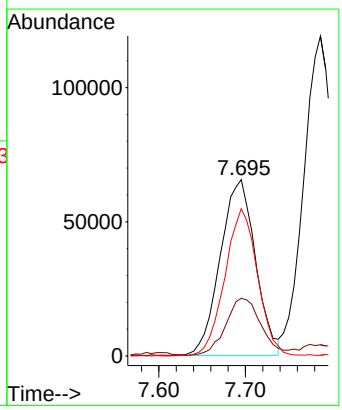


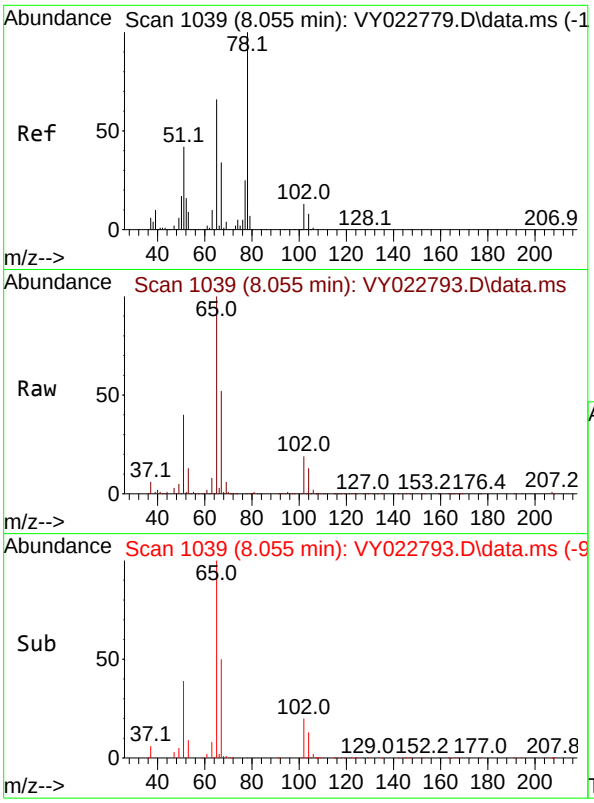


#31
Cyclohexane
Concen: 29.732 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 56 Resp: 185350

Ion	Ratio	Lower	Upper
56	100		
69	32.0	27.0	40.6
84	83.5	72.6	109.0



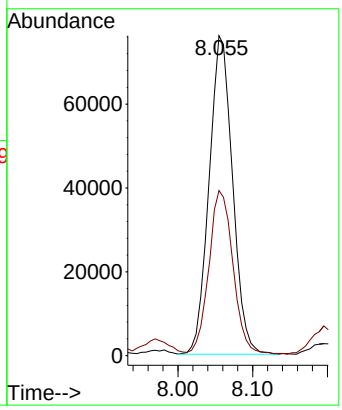


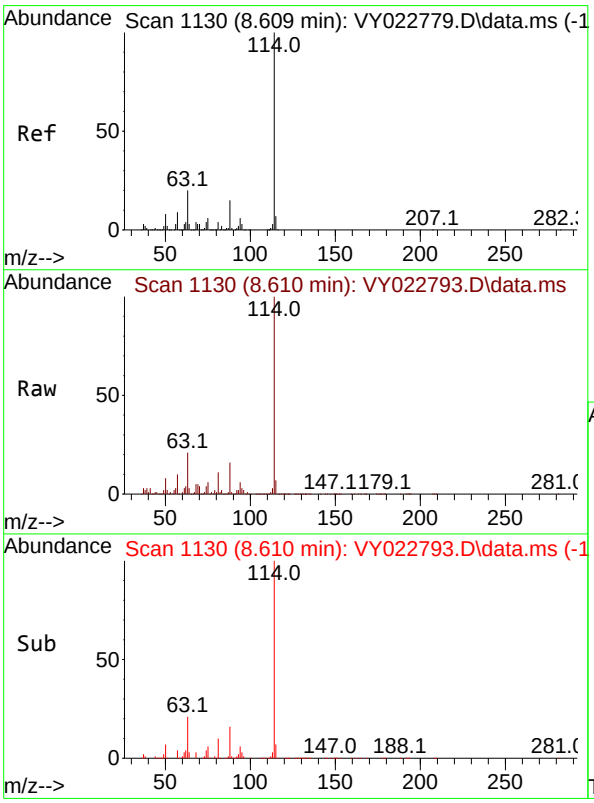
#33
1,2-Dichloroethane-d4
Concen: 45.683 ug/l
RT: 8.055 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion: 65 Resp: 165802

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.4

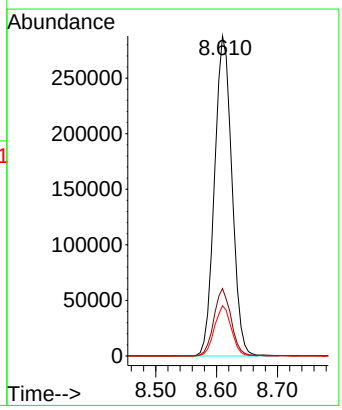


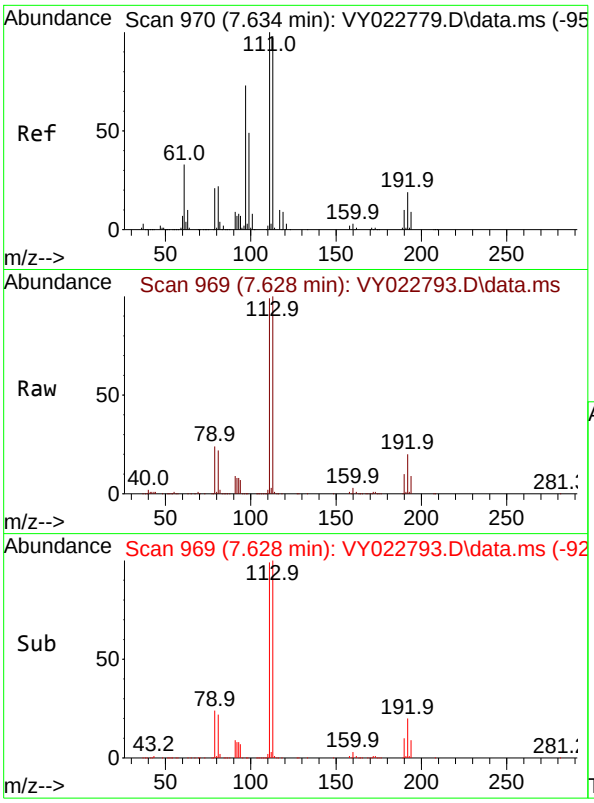


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion:114 Resp: 571084

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	15.7	0.0	27.8



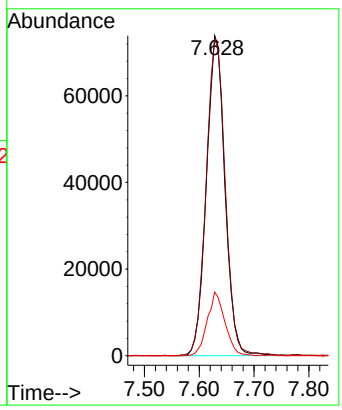


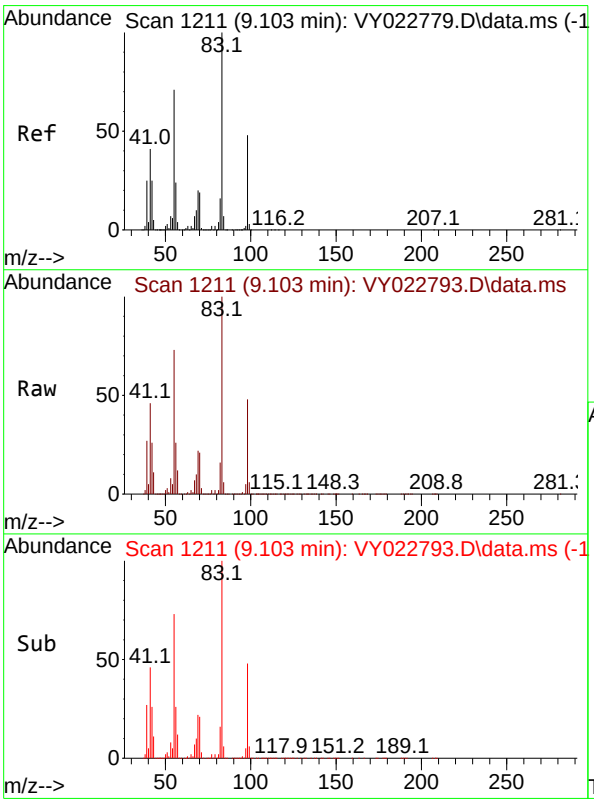
#35
Dibromofluoromethane
Concen: 49.916 ug/l
RT: 7.628 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion:113 Resp: 173360

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	18.9	14.2	21.2

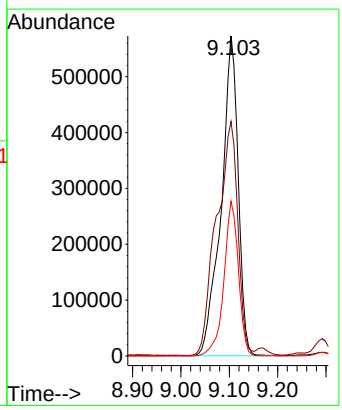


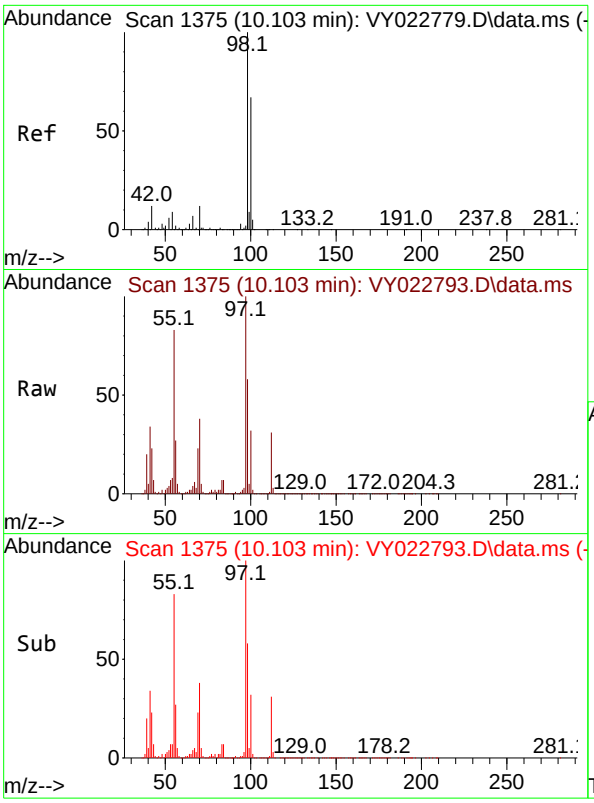


#39
Methylcyclohexane
Concen: 205.343 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 83 Resp: 1398906

Ion	Ratio	Lower	Upper
83	100		
55	73.1	58.1	87.1
98	48.4	39.0	58.6



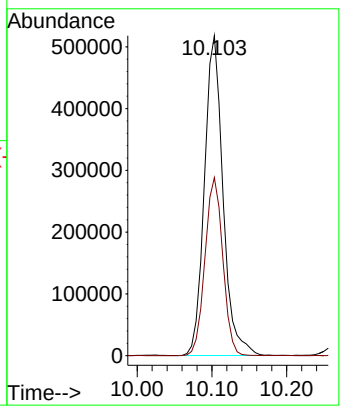


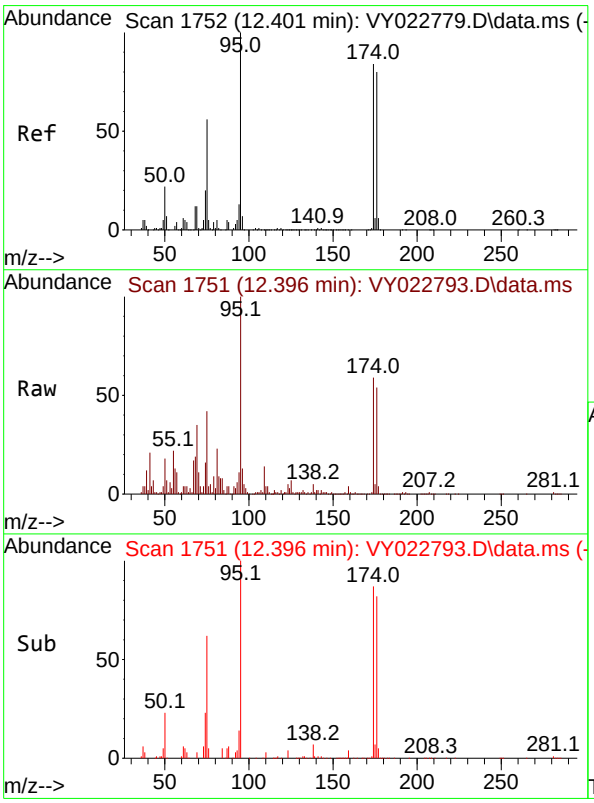
#50
Toluene-d8
Concen: 65.014 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion: 98 Resp: 896002

Ion	Ratio	Lower	Upper
98	100		
100	53.3	51.4	77.0

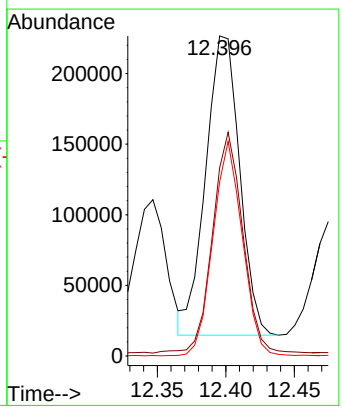


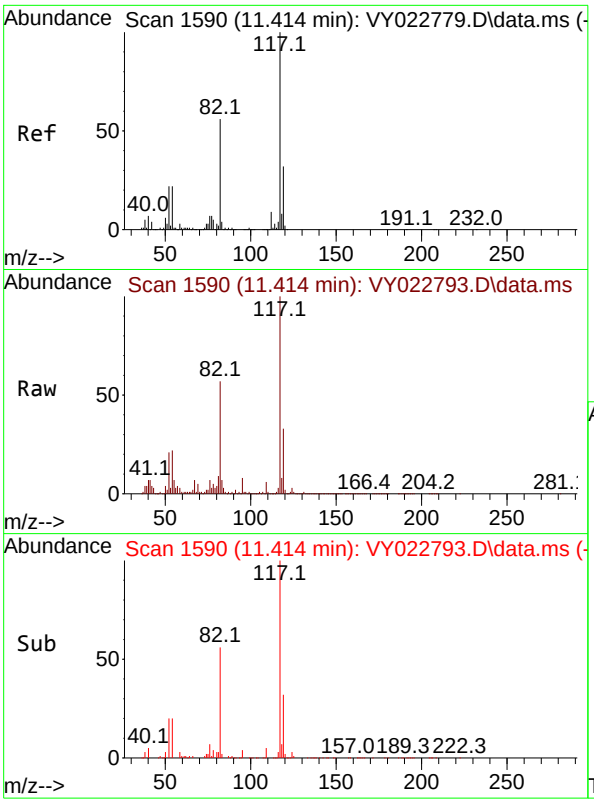


#62
4-Bromofluorobenzene
Concen: 82.462 ug/l
RT: 12.396 min Scan# 1751
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 95 Resp: 365336

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	170.0
176	61.9	0.0	166.2



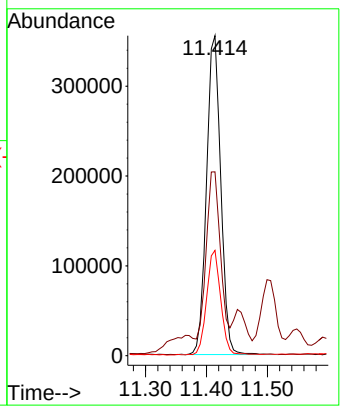


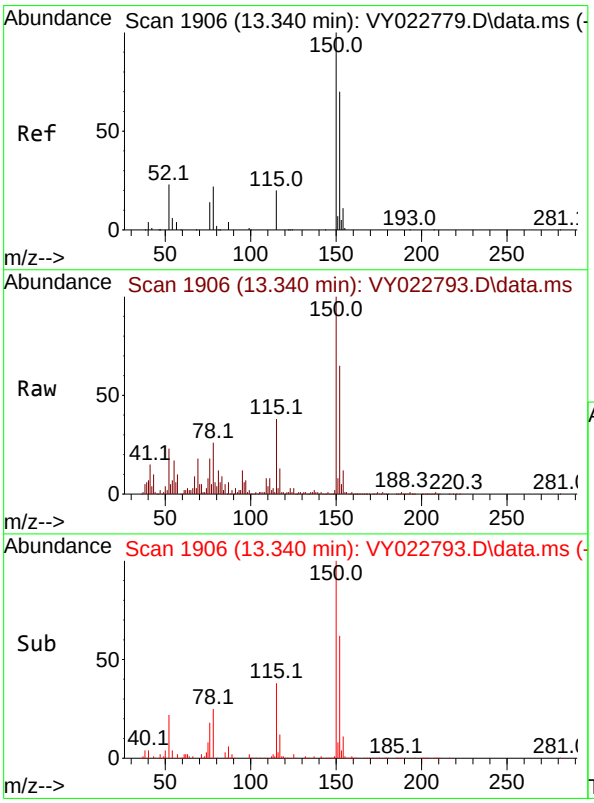
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion:117 Resp: 576784

Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.6	66.8
119	32.6	25.4	38.0

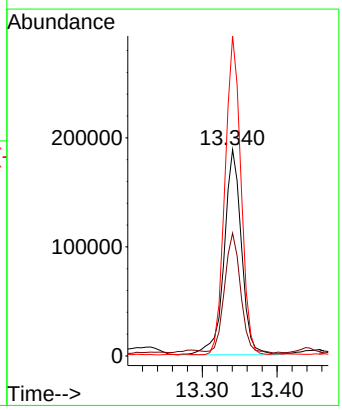


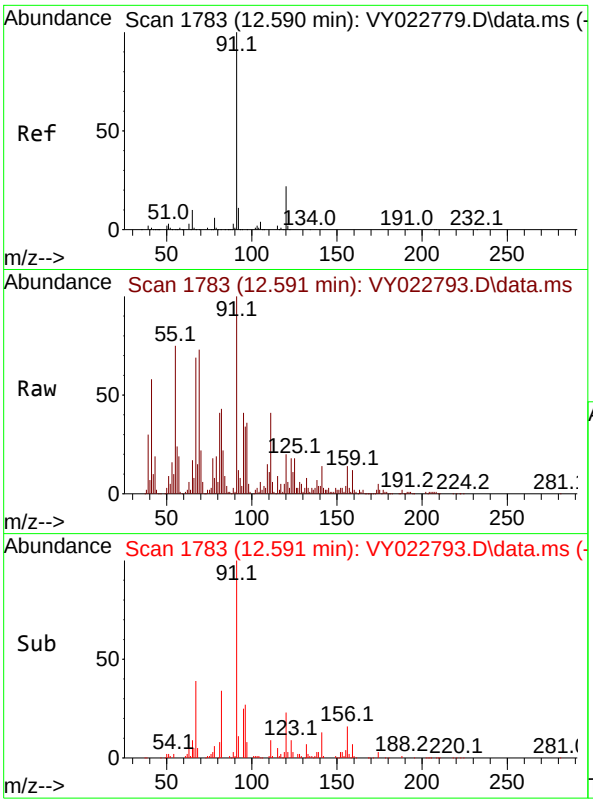


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion:152 Resp: 303388

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.9	86.7
150	142.9	0.0	349.6



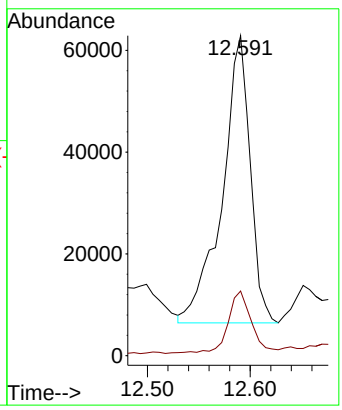


#78
n-propylbenzene
Concen: 3.944 ug/l
RT: 12.591 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Tgt Ion: 91 Resp: 106853

Ion	Ratio	Lower	Upper
91	100		
120	18.4	10.8	32.4



Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

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\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.653	459	481	506	rBV2	223794	943668	7.54%	0.455%
2	5.122	540	558	574	rBV	152570	547648	4.38%	0.264%
3	6.586	784	798	806	rBV	157388	511780	4.09%	0.247%
4	6.689	806	815	827	rVB	264785	789534	6.31%	0.381%
5	7.628	958	969	973	rBV	249098	618382	4.94%	0.298%
6	7.695	973	980	988	rVV5	729272	2180319	17.43%	1.052%
7	7.787	988	995	1007	rVV	535505	1375337	10.99%	0.664%
8	7.915	1007	1016	1022	rVV	687281	1658945	13.26%	0.801%
9	7.969	1022	1025	1033	rVV	249772	547127	4.37%	0.264%
10	8.055	1033	1039	1051	rVV	212134	479415	3.83%	0.231%
11	8.195	1051	1062	1065	rVV2	726422	1732769	13.85%	0.836%
12	8.250	1065	1071	1079	rVV4	992825	3178857	25.41%	1.534%
13	8.335	1079	1085	1097	rVV	1385947	3101602	24.79%	1.497%
14	8.610	1121	1130	1143	rBV	750451	1589774	12.71%	0.767%
15	9.103	1197	1211	1218	rBV2	2904413	8995321	71.90%	4.342%
16	9.164	1218	1221	1228	rVV	376660	653820	5.23%	0.316%
17	9.292	1237	1242	1247	rVV	314793	594837	4.75%	0.287%
18	9.384	1247	1257	1265	rVB	1801629	3668930	29.32%	1.771%
19	9.530	1273	1281	1290	rVB2	3578464	6957793	55.61%	3.358%
20	9.670	1293	1304	1310	rBV2	823840	2201548	17.60%	1.063%
21	9.725	1310	1313	1319	rVV5	253639	533906	4.27%	0.258%
22	9.780	1319	1322	1328	rVB2	257172	437040	3.49%	0.211%
23	9.859	1328	1335	1342	rBV2	874265	2012814	16.09%	0.972%
24	9.994	1350	1357	1359	rBV2	473048	899994	7.19%	0.434%
25	10.030	1359	1363	1368	rVB3	532945	1092644	8.73%	0.527%
26	10.097	1368	1374	1379	rBV2	5375673	9819977	78.49%	4.740%
27	10.225	1389	1395	1397	rBV	317628	489936	3.92%	0.236%
28	10.286	1397	1405	1414	rVB3	1681974	4892242	39.10%	2.361%
29	10.408	1414	1425	1427	rBV	1232930	2527097	20.20%	1.220%
30	10.445	1427	1431	1439	rVB	2915434	4957883	39.63%	2.393%
31	10.536	1439	1446	1452	rBV2	1935163	4178059	33.39%	2.017%
32	10.591	1452	1455	1459	rVV	353239	594055	4.75%	0.287%
33	10.634	1459	1462	1466	rVB2	278506	406413	3.25%	0.196%
34	10.682	1466	1470	1474	rBV	249998	406093	3.25%	0.196%
35	10.780	1481	1486	1489	rBV	271308	492043	3.93%	0.237%
36	10.841	1492	1496	1501	rVV4	308740	632645	5.06%	0.305%

Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

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\82Y062325S.M
Title : SW846 8260

37	10.926	1501	1510	1513	rVV2	1251065	2770381	22.14%	1.337%
38	10.957	1513	1515	1519	rVV	1212909	1842508	14.73%	0.889%
39	11.012	1519	1524	1530	rVV	7337026	12511401	100.00%	6.039%
40	11.066	1530	1533	1537	rVV3	979894	1602201	12.81%	0.773%
41	11.115	1537	1541	1547	rVV3	1219441	2195627	17.55%	1.060%
42	11.219	1552	1558	1568	rVB	2108881	4306926	34.42%	2.079%
43	11.329	1568	1576	1581	rBV6	332750	1019152	8.15%	0.492%
44	11.414	1585	1590	1593	rBV	1208291	1964902	15.70%	0.948%
45	11.451	1593	1596	1600	rVV	552776	999513	7.99%	0.482%
46	11.505	1600	1605	1607	rVV	512521	1030024	8.23%	0.497%
47	11.548	1607	1612	1616	rVV	1555976	2709968	21.66%	1.308%
48	11.603	1616	1621	1624	rVV4	842722	1704305	13.62%	0.823%
49	11.658	1624	1630	1641	rVB2	1546302	4810043	38.45%	2.322%
50	11.761	1641	1647	1651	rBV4	498499	978119	7.82%	0.472%
51	11.816	1651	1656	1661	rVB	579442	896829	7.17%	0.433%
52	11.920	1666	1673	1680	rBV2	2553133	5649650	45.16%	2.727%
53	11.975	1680	1682	1685	rVV	290616	409685	3.27%	0.198%
54	12.005	1685	1687	1691	rVB2	401607	516618	4.13%	0.249%
55	12.085	1696	1700	1701	rBV2	493288	615075	4.92%	0.297%
56	12.121	1701	1706	1715	rVV2	3132402	6112463	48.86%	2.950%
57	12.200	1715	1719	1733	rVB6	779672	2433711	19.45%	1.175%
58	12.341	1740	1742	1746	rVB3	480693	632030	5.05%	0.305%
59	12.402	1746	1752	1757	rVB2	1190635	1958175	15.65%	0.945%
60	12.475	1757	1764	1773	rBV4	1275761	3712417	29.67%	1.792%
61	12.560	1773	1778	1786	rVB2	3943897	6866184	54.88%	3.314%
62	12.645	1786	1792	1797	rBV5	1303884	3126156	24.99%	1.509%
63	12.713	1799	1803	1813	rVB6	1645159	4097750	32.75%	1.978%
64	12.865	1824	1828	1832	rVB3	924795	1377975	11.01%	0.665%
65	12.908	1832	1835	1838	rBV	354222	468640	3.75%	0.226%
66	12.956	1839	1843	1852	rVB4	1412542	3068950	24.53%	1.481%
67	13.048	1854	1858	1860	rBV2	566868	871406	6.96%	0.421%
68	13.164	1874	1877	1881	rBV4	450596	694319	5.55%	0.335%
69	13.212	1881	1885	1891	rVB5	708702	1480844	11.84%	0.715%
70	13.340	1902	1906	1914	rVB	1184567	2116251	16.91%	1.021%
71	13.414	1914	1918	1921	rBV2	375949	609808	4.87%	0.294%
72	13.481	1923	1929	1932	rBV3	575484	1090284	8.71%	0.526%
73	13.664	1953	1959	1964	rBV2	3461937	5838278	46.66%	2.818%
74	13.883	1991	1995	2001	rVB	1221525	1973322	15.77%	0.952%
75	13.993	2007	2013	2017	rBV3	1580009	2680652	21.43%	1.294%
76	14.042	2017	2021	2029	rVB5	607994	1441175	11.52%	0.696%

Sample Results: **VY022793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

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\82Y062325S.M
Title : SW846 8260

77	14.133	2029	2036	2038	rBV2	563531	1035495	8.28%	0.500%
78	14.170	2038	2042	2045	rBV2	954826	1714521	13.70%	0.828%
79	14.298	2058	2063	2065	rBV2	738479	1180202	9.43%	0.570%
80	14.334	2065	2069	2072	rVV2	1571510	2722327	21.76%	1.314%
81	14.365	2072	2074	2079	rVV	799375	1423465	11.38%	0.687%
82	14.420	2080	2083	2089	rVV3	608244	1237930	9.89%	0.598%
83	14.493	2092	2095	2097	rVV2	273560	387090	3.09%	0.187%
84	14.529	2097	2101	2105	rVV2	744499	1135694	9.08%	0.548%
85	14.584	2105	2110	2117	rVV3	978207	2063508	16.49%	0.996%
86	14.651	2117	2121	2126	rVV5	751933	1609514	12.86%	0.777%
87	14.700	2126	2129	2135	rVB3	455584	782441	6.25%	0.378%
88	14.785	2139	2143	2147	rVV3	490238	803226	6.42%	0.388%
89	14.852	2150	2154	2158	rVV	1443934	2237885	17.89%	1.080%
90	14.913	2162	2164	2167	rVV2	816926	1137128	9.09%	0.549%
91	14.956	2167	2171	2181	rVV2	1597939	3735212	29.85%	1.803%
92	15.047	2182	2186	2191	rVB3	460636	742259	5.93%	0.358%
93	15.102	2191	2195	2200	rBV4	396480	762204	6.09%	0.368%
94	15.243	2214	2218	2222	rBV4	298267	497314	3.97%	0.240%
95	15.291	2223	2226	2230	rVB3	325822	479570	3.83%	0.231%
96	15.566	2265	2271	2278	rVB6	333063	888325	7.10%	0.429%
97	15.767	2299	2304	2309	rBV4	340540	826919	6.61%	0.399%
98	15.913	2322	2328	2333	rBV2	307986	600973	4.80%	0.290%
99	16.224	2375	2379	2388	rVB2	214083	460239	3.68%	0.222%
100	16.352	2395	2400	2415	rVB5	274605	835172	6.68%	0.403%

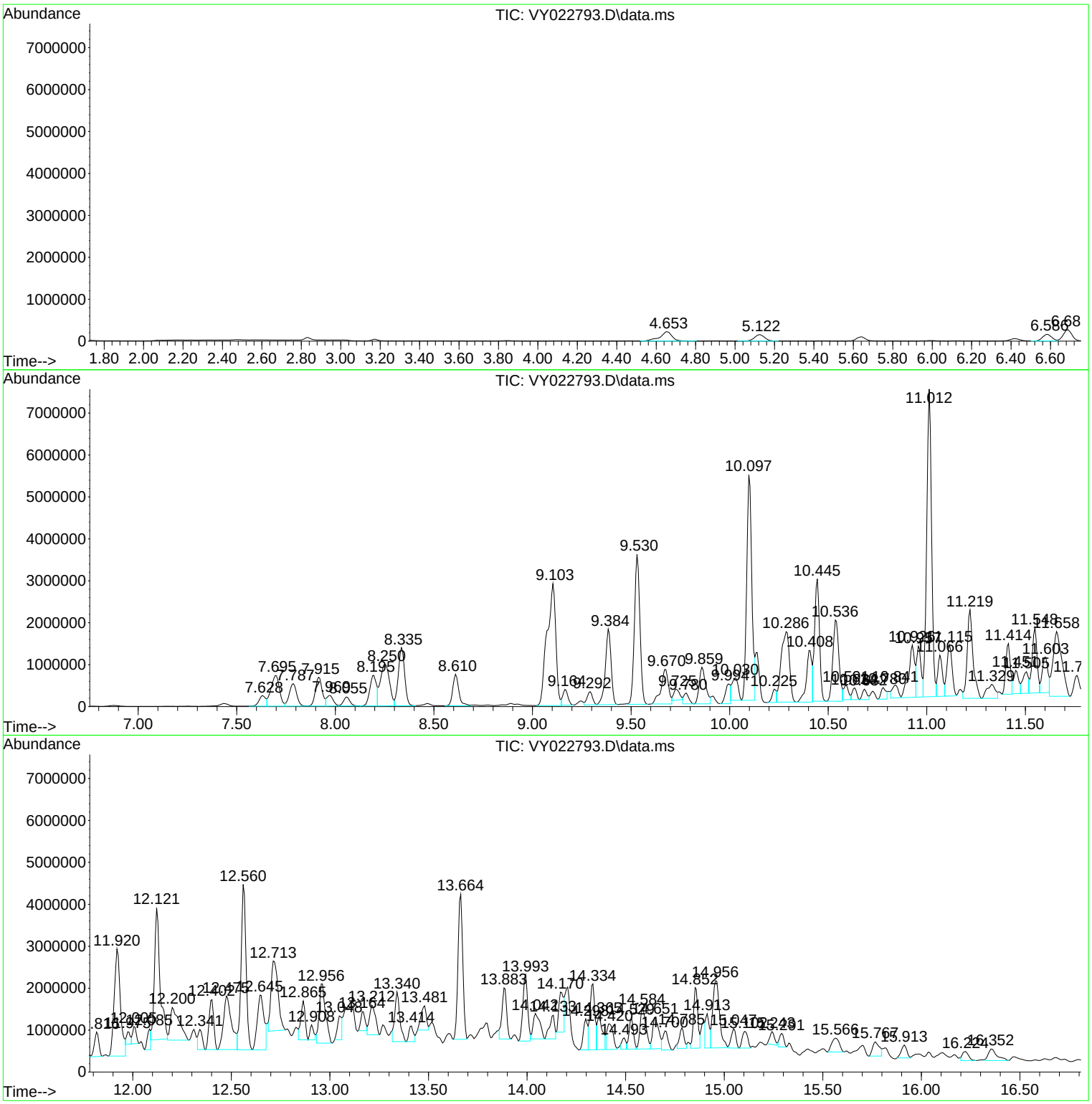
Sum of corrected areas: 207182577

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

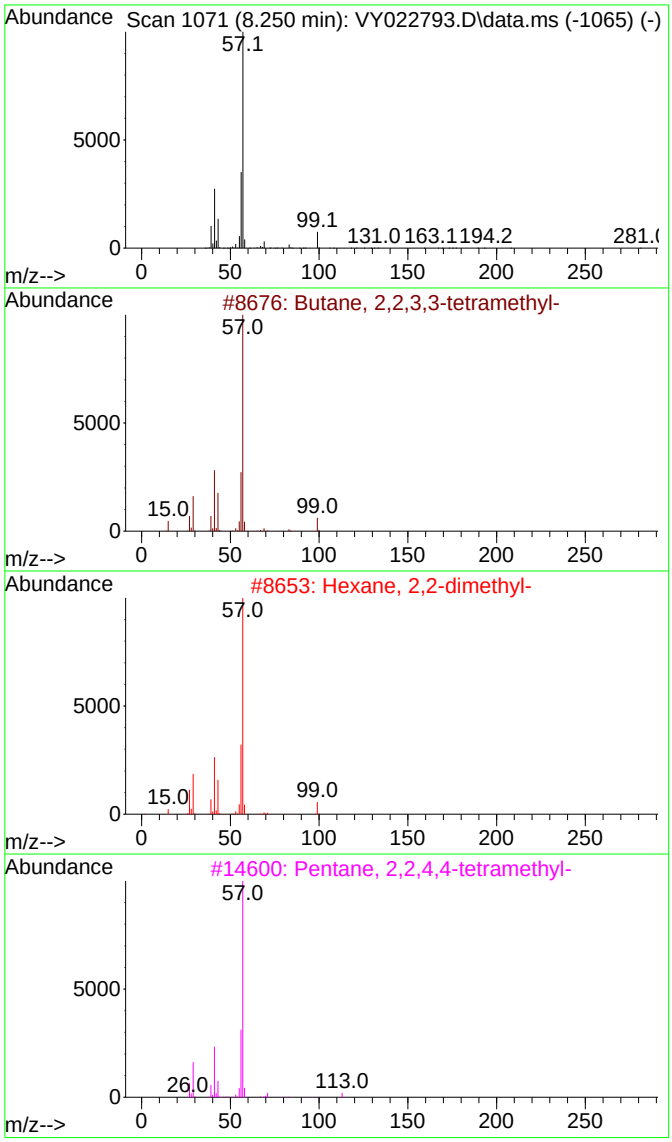
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

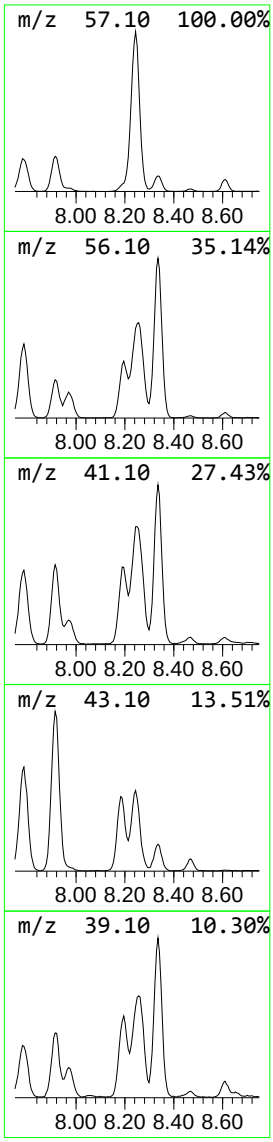
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.250	99.98 ug/l	3178860	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

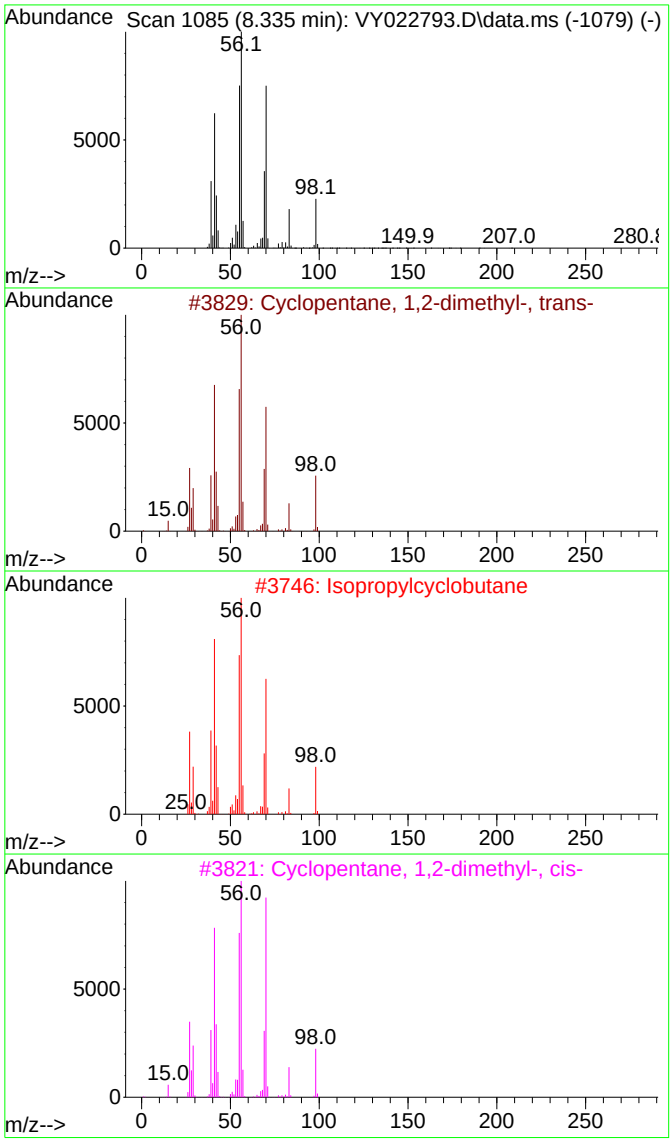
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

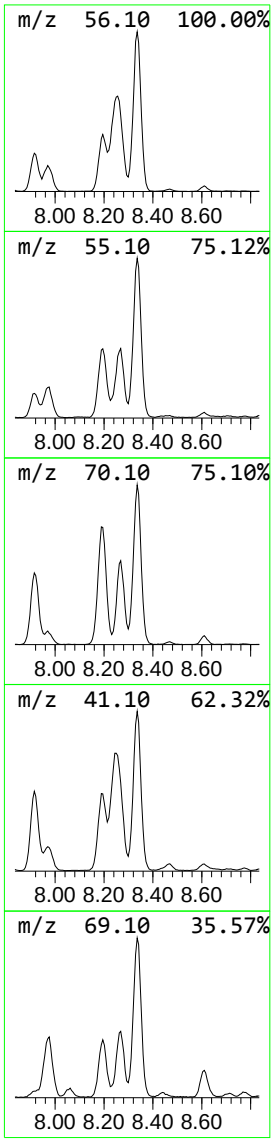
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,2-dimethyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.335	97.55 ug/l	3101600	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	1-Heptene	98	C7H14	000592-76-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

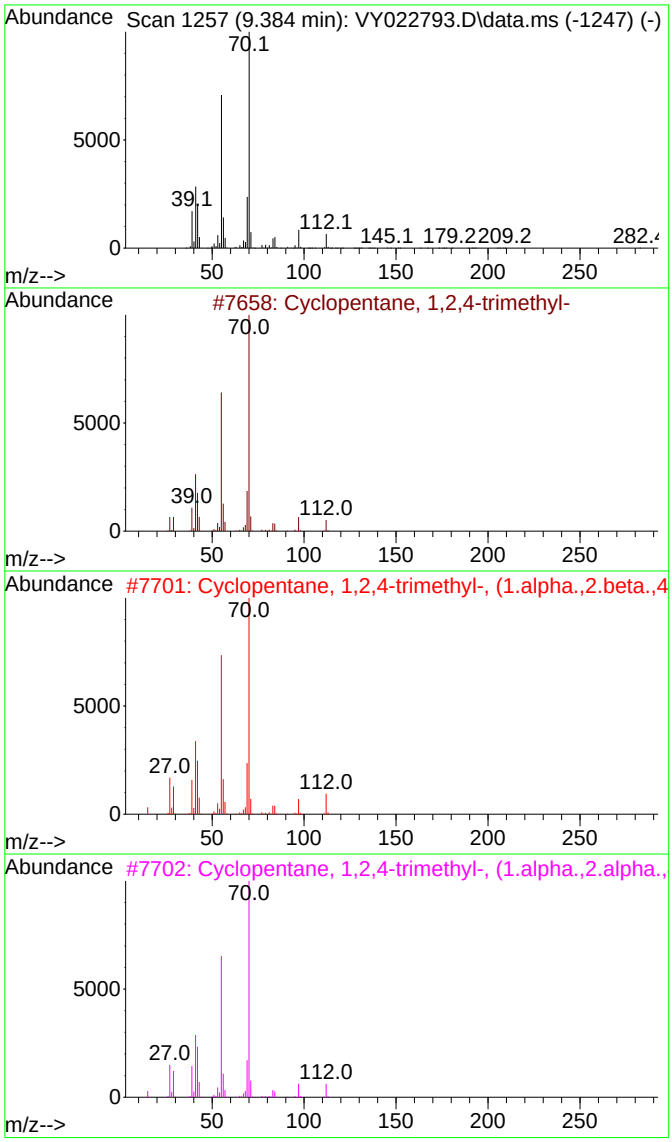
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

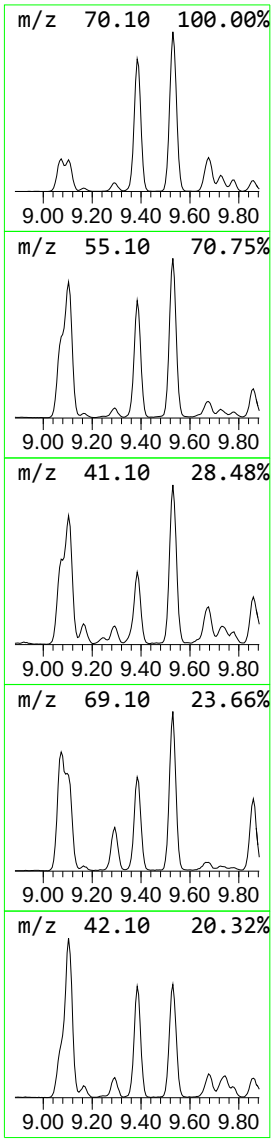
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.384	115.39 ug/l	3668930	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

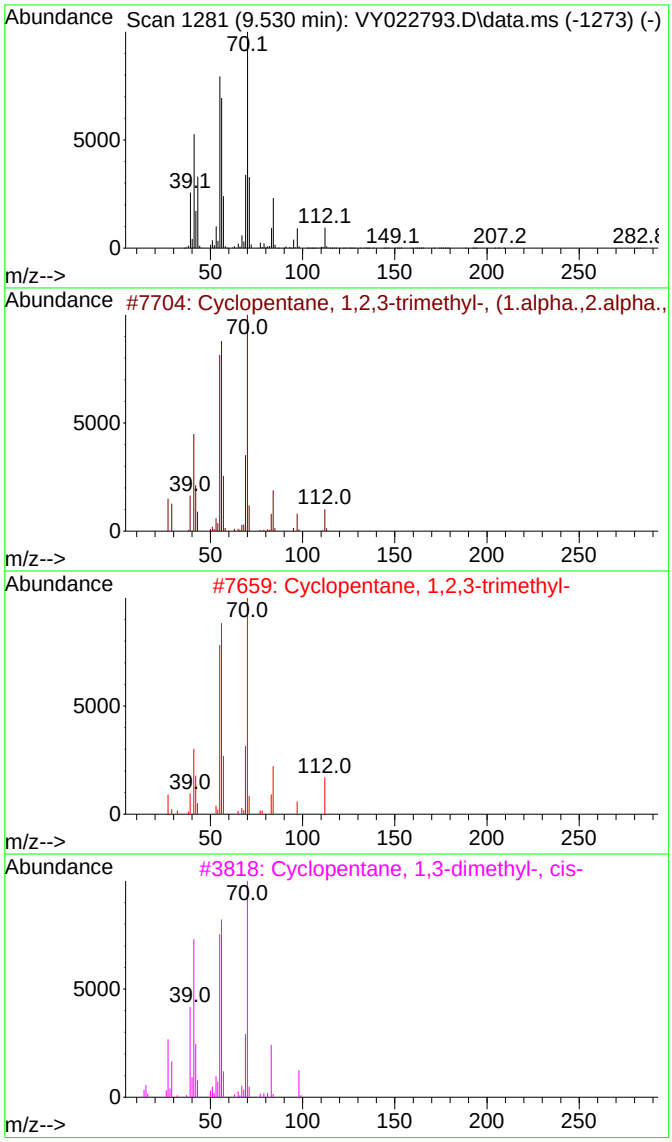
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

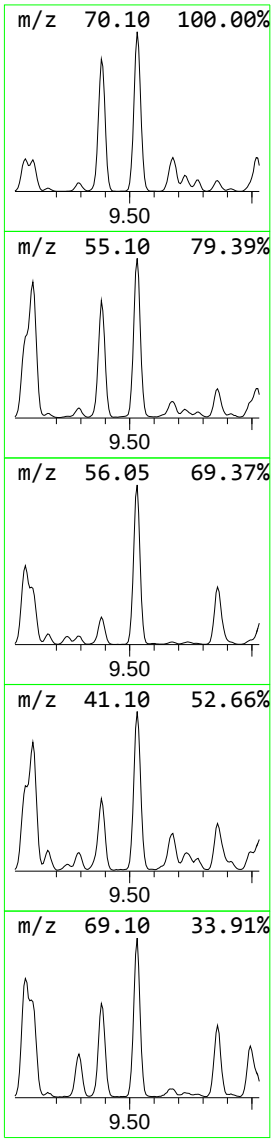
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,2,3-trimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.530	218.83 ug/l	6957790	1,4-Difluorobenzene	8.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

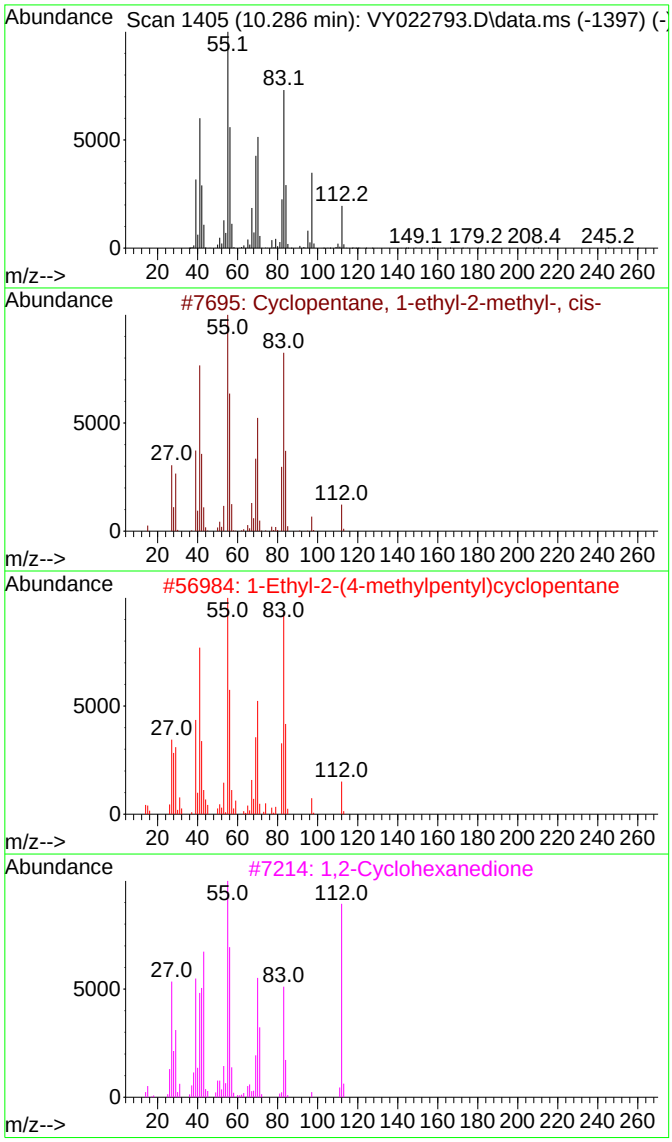
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

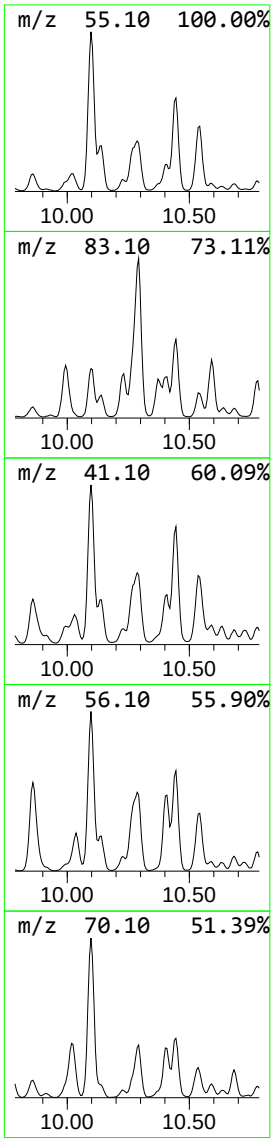
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1-ethyl-2-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	124.49 ug/l	4892240	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	80
2	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	80
3	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	64
4	Cyclooctane	112	C8H16	000292-64-8	62
5	2-Octene, (Z)-	112	C8H16	007642-04-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

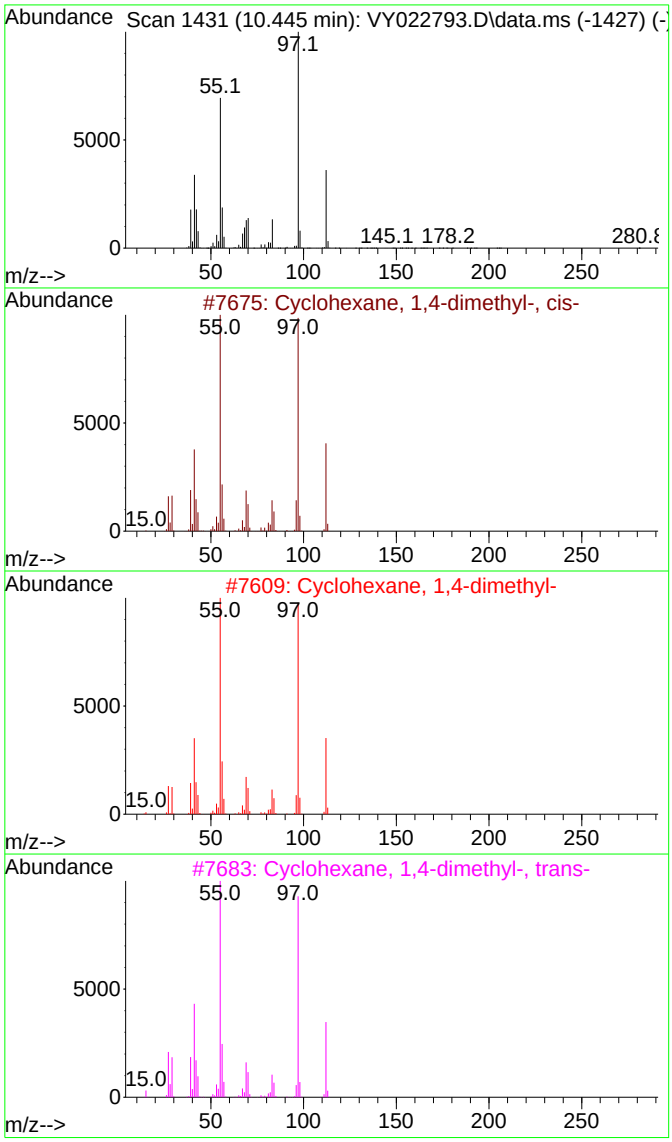
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

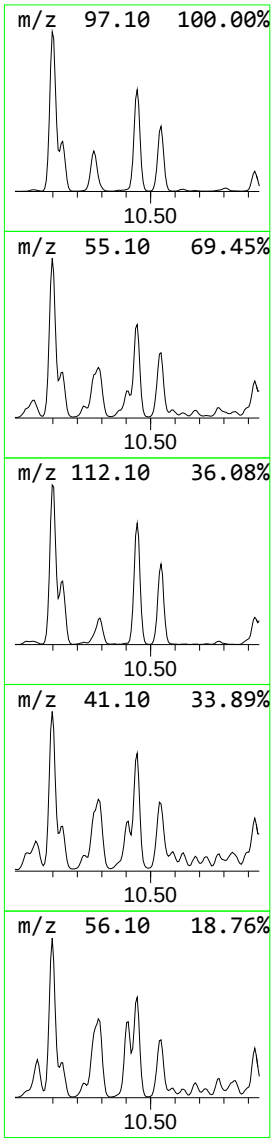
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	126.16 ug/l	4957880	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	74
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

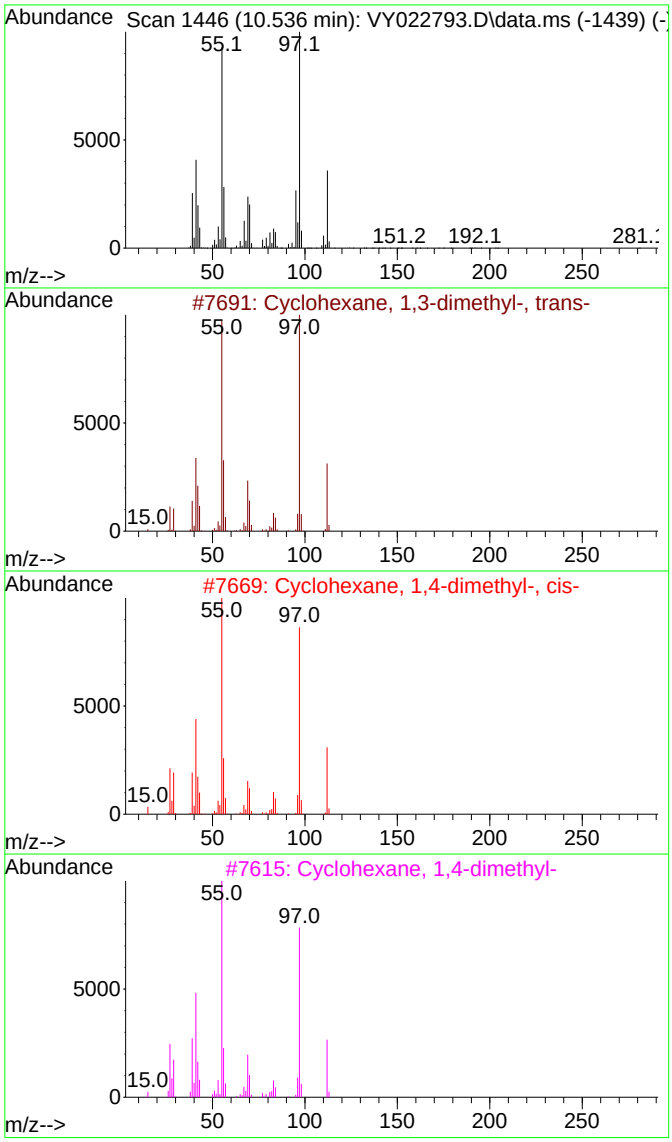
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

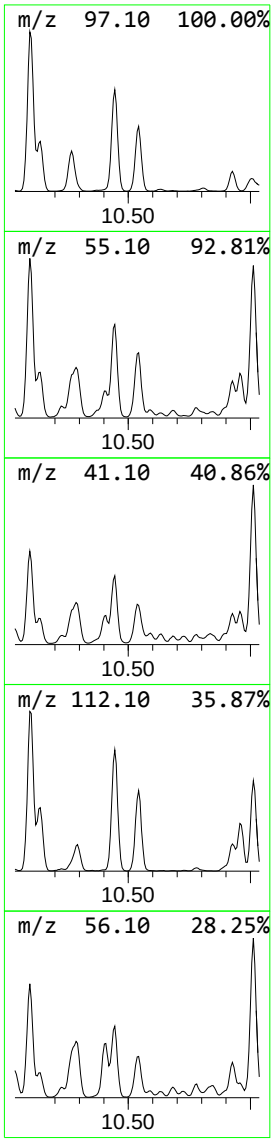
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.536	106.32 ug/l	4178060	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

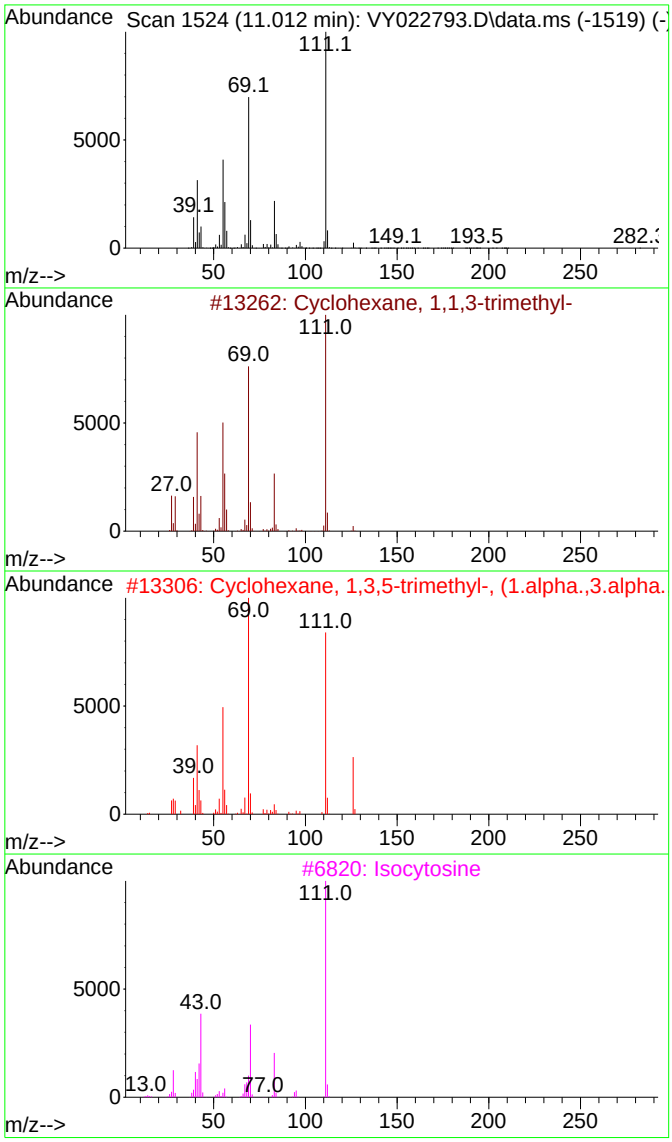
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

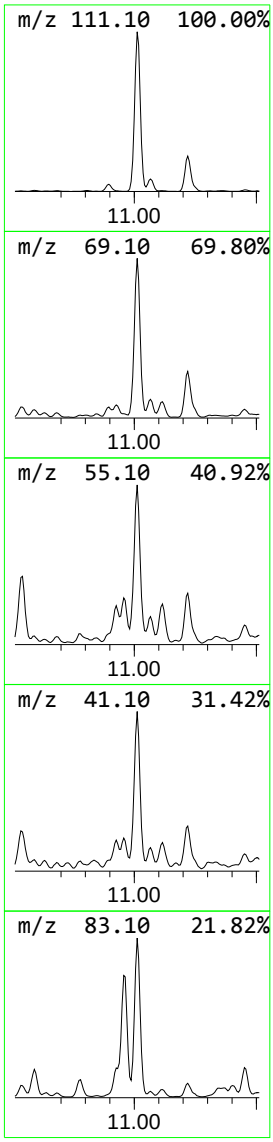
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.012	318.37 ug/l	12511400	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
3	Isocytosine	111	C4H5N3O	000108-53-2	58
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

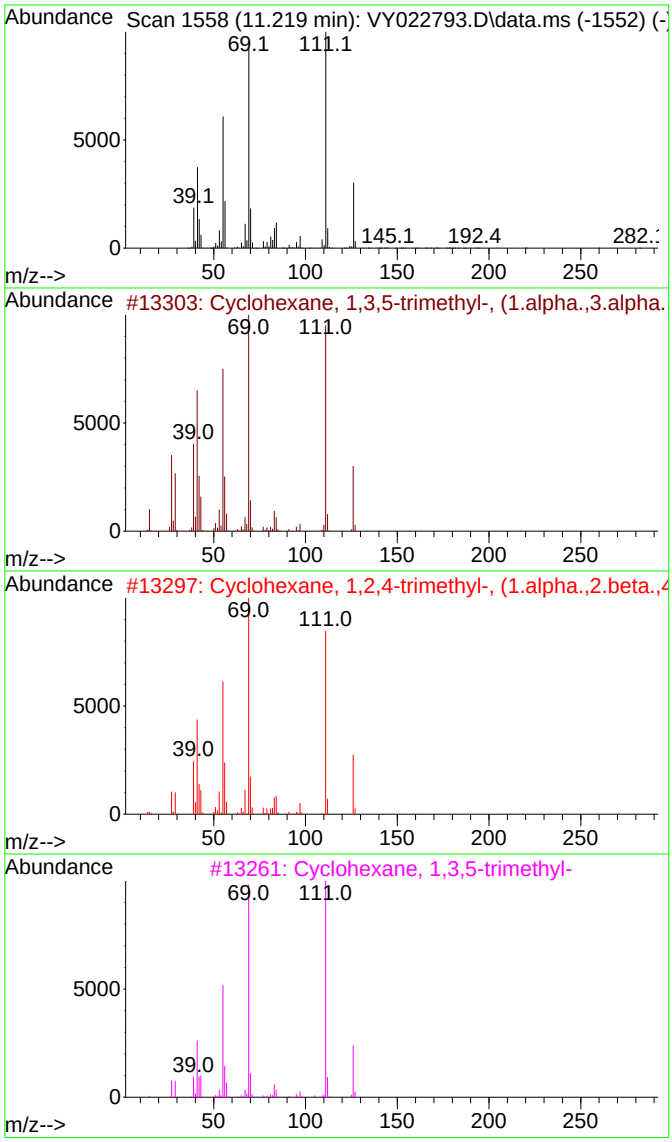
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

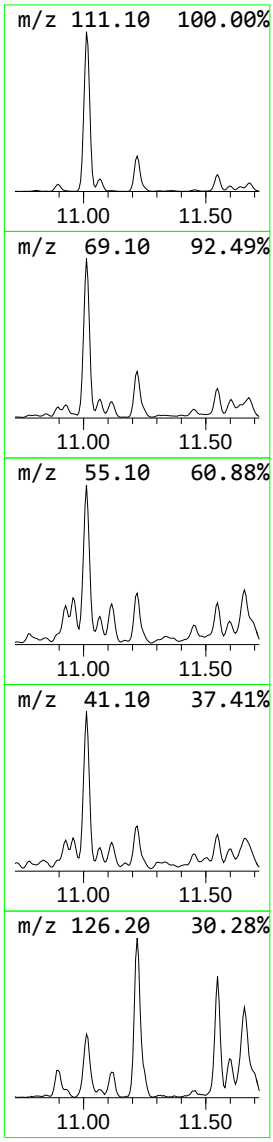
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,3,5-trimethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.219	109.60 ug/l	4306930	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

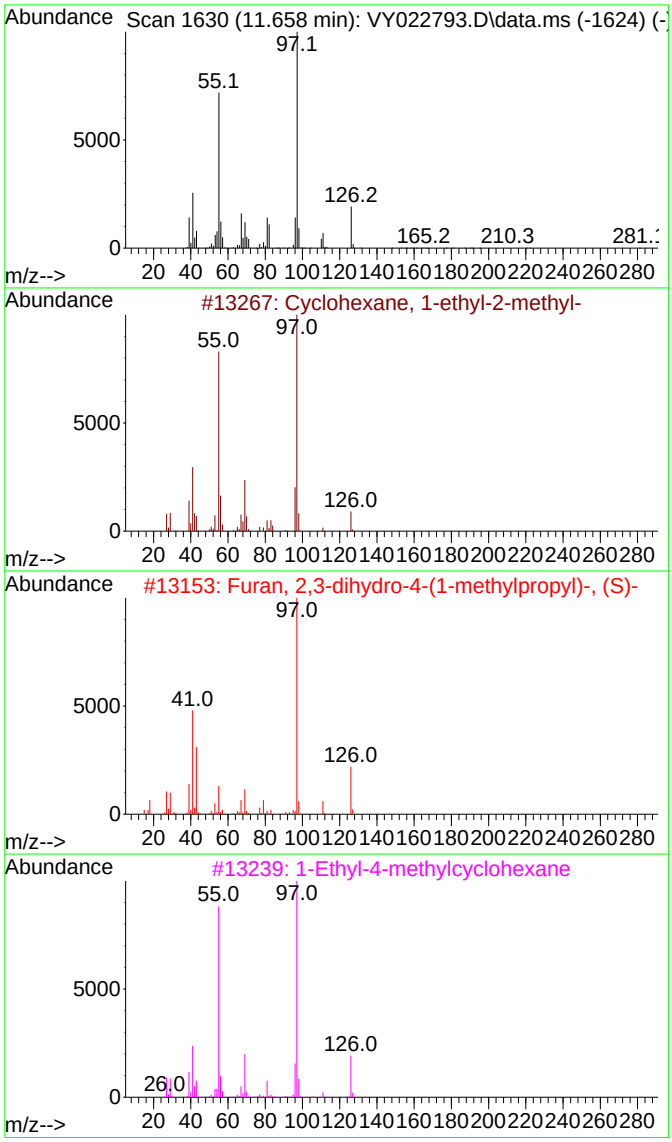
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

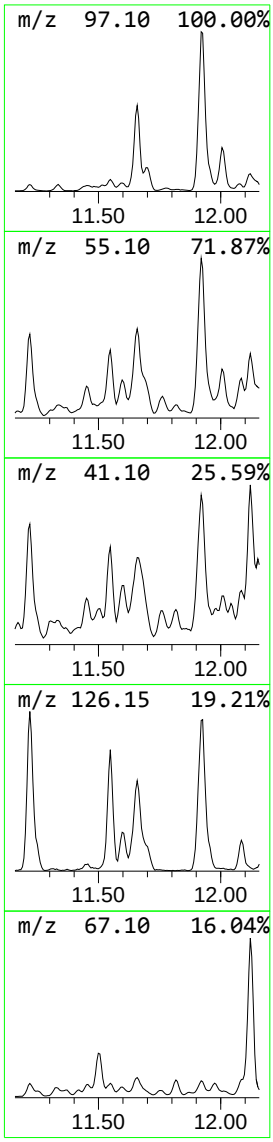
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.658	122.40 ug/l	4810040	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
2	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

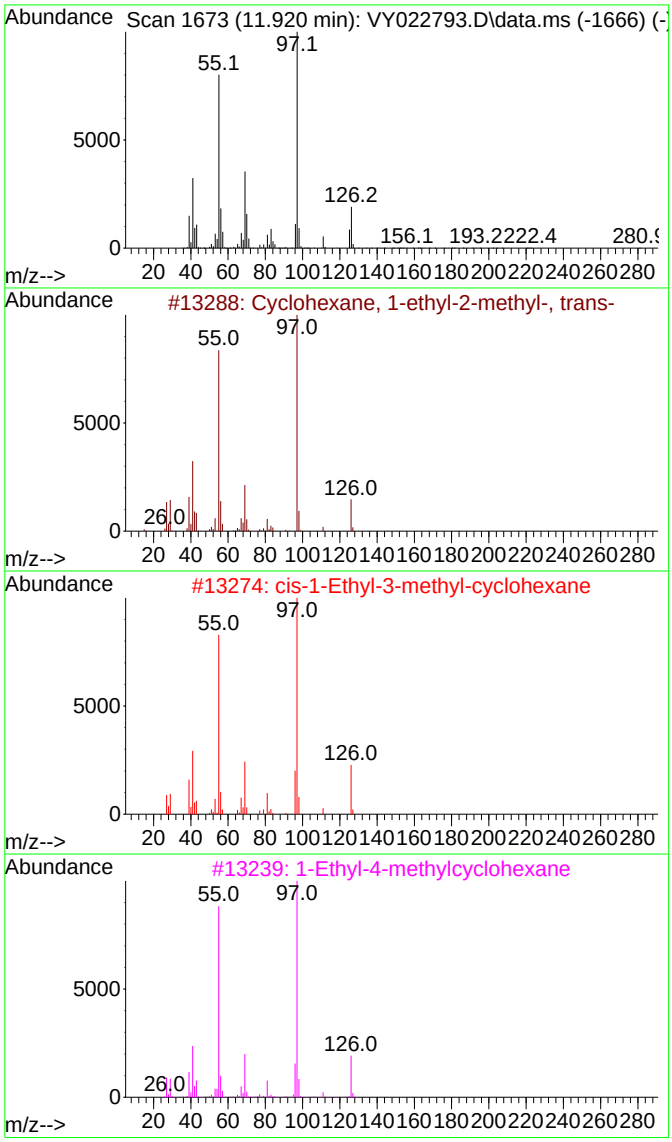
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

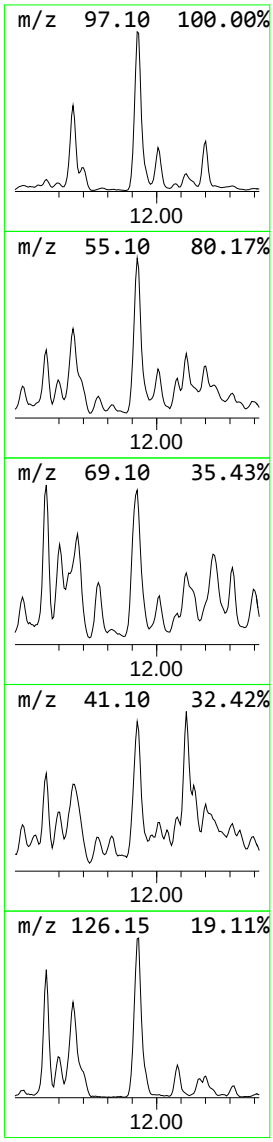
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.920	143.76 ug/l	5649650	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

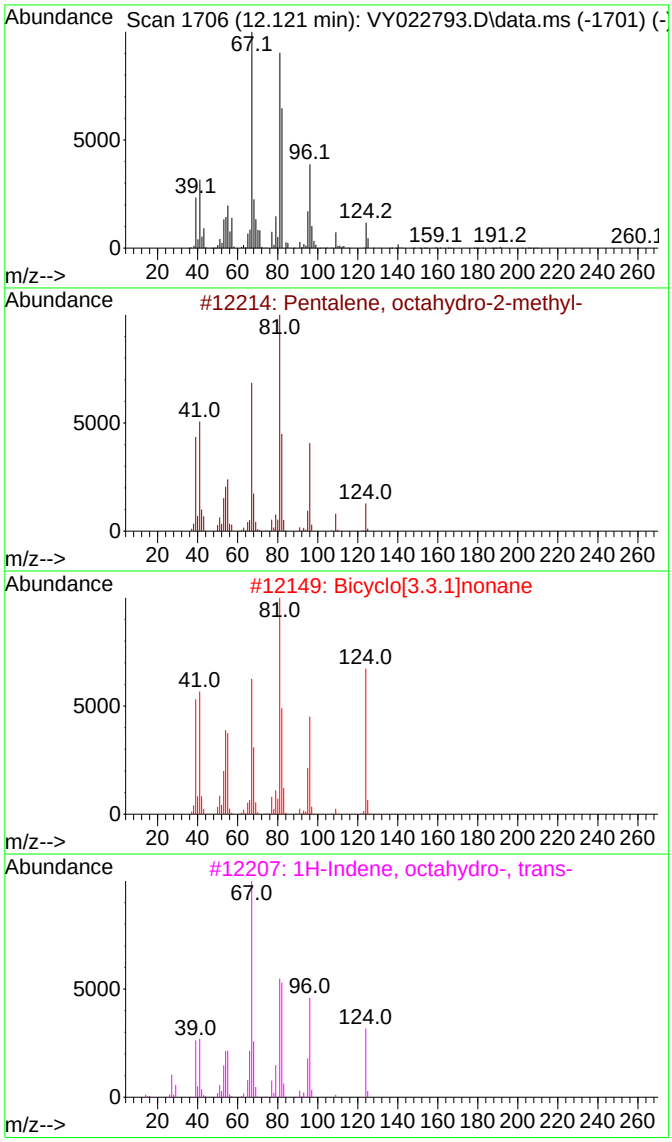
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

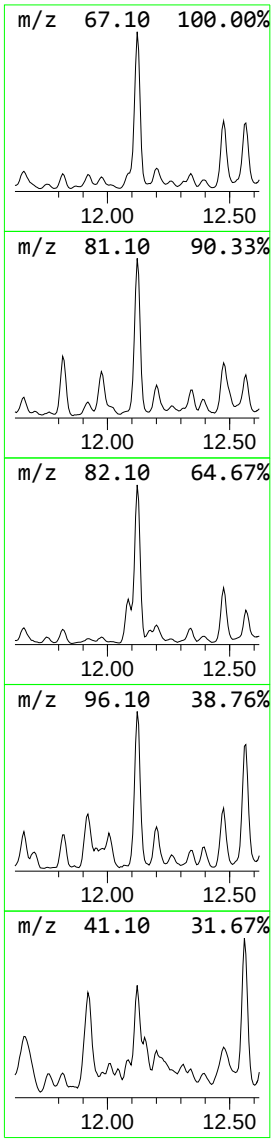
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentalene, octahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	155.54 ug/l	6112460	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	68
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	62
4	Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	47
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

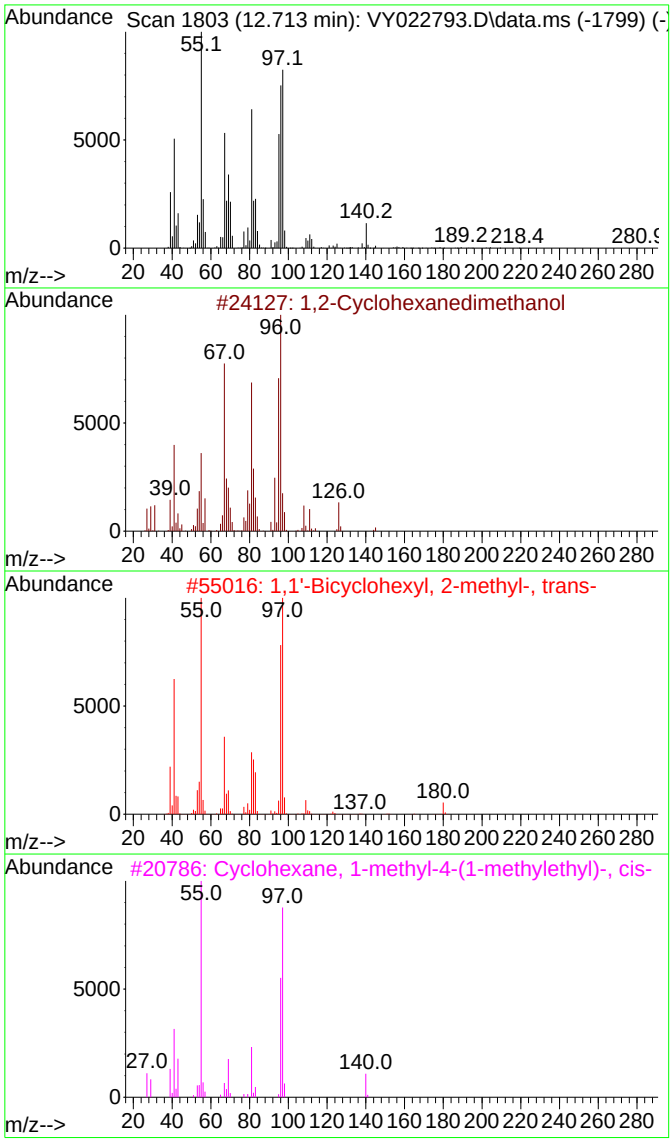
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

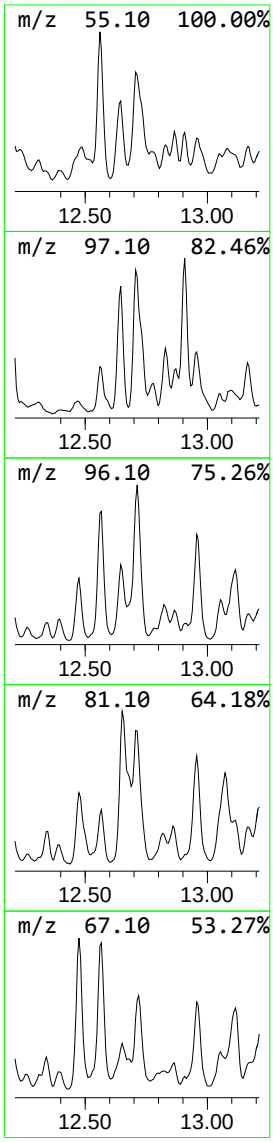
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown12.713 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	96.82 ug/l	4097750	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedimethanol	144	C8H16O2	003971-29-7	49
2	1,1'-Bicyclohexyl, 2-methyl-, tr...	180	C13H24	050991-09-8	47
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	35
5	3-Dimethylaminoacrylonitrile	96	C5H8N2	002407-68-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

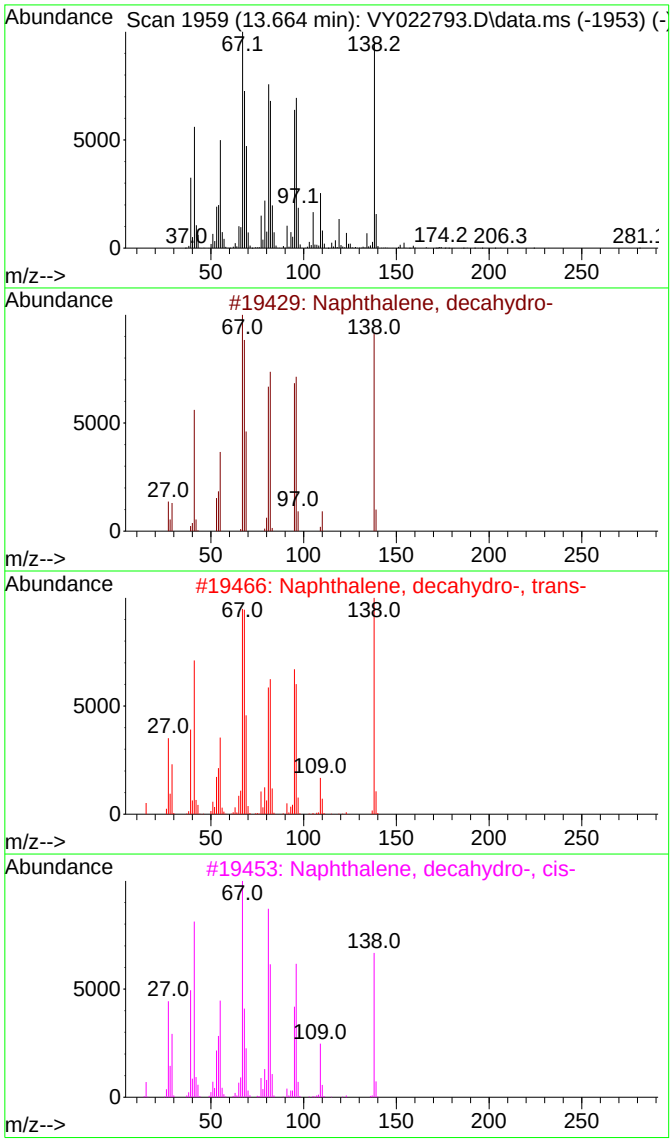
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

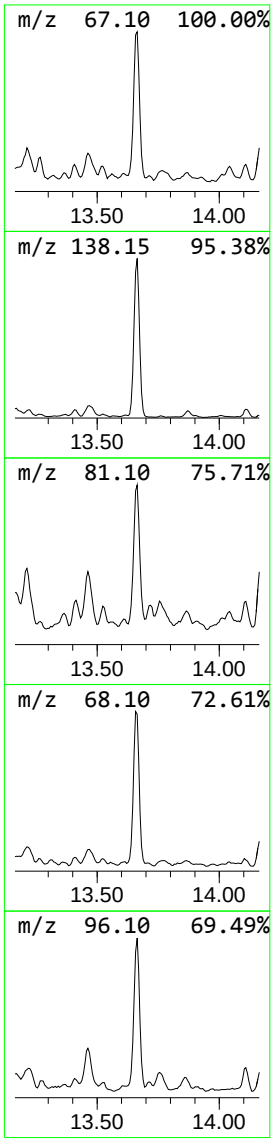
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, decahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	137.94 ug/l	5838280	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4	Spiro[4.5]decane	138	C10H18	000176-63-6	87
5	Cyclodecene	138	C10H18	003618-12-0	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

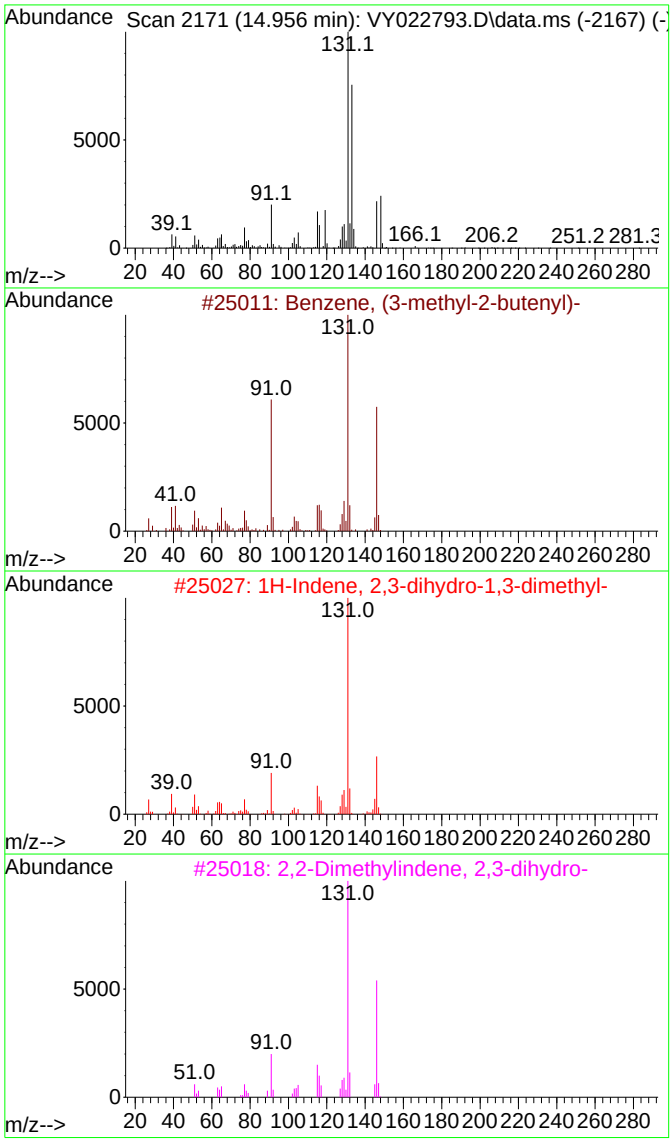
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

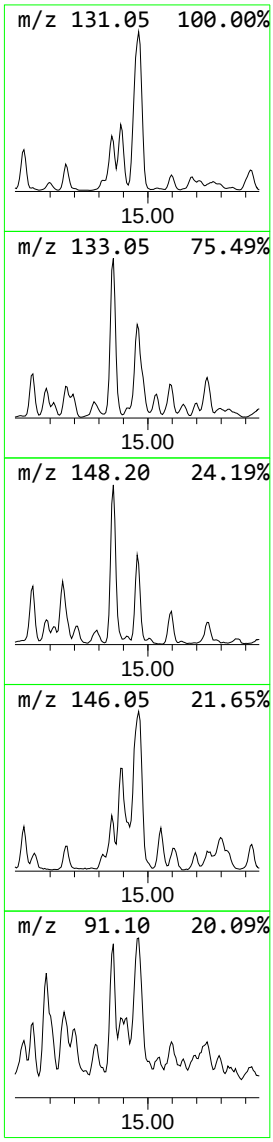
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (3-methyl-2-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	88.25 ug/l	3735210	1,4-Dichlorobenzene-d4	13.341

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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
Butane, 2,2,3,3...	8.250	100.0	ug/l	3178860	2	8.610	1589770	50.0
Cyclopentane, 1...	8.335	97.5	ug/l	3101600	2	8.610	1589770	50.0
Cyclopentane, 1...	9.384	115.4	ug/l	3668930	2	8.610	1589770	50.0
Cyclopentane, 1...	9.530	218.8	ug/l	6957790	2	8.610	1589770	50.0
Cyclopentane, 1...	10.286	124.5	ug/l	4892240	3	11.414	1964900	50.0
Cyclohexane, 1,...	10.445	126.2	ug/l	4957880	3	11.414	1964900	50.0
Cyclohexane, 1,...	10.536	106.3	ug/l	4178060	3	11.414	1964900	50.0
Cyclohexane, 1,...	11.012	318.4	ug/l	12511400	3	11.414	1964900	50.0
Cyclohexane, 1,...	11.219	109.6	ug/l	4306930	3	11.414	1964900	50.0
Cyclohexane, 1-...	11.658	122.4	ug/l	4810040	3	11.414	1964900	50.0
Cyclohexane, 1-...	11.920	143.8	ug/l	5649650	3	11.414	1964900	50.0
Pentalene, octa...	12.121	155.5	ug/l	6112460	3	11.414	1964900	50.0
unknown12.713	12.713	96.8	ug/l	4097750	4	13.341	2116250	50.0
Naphthalene, de...	13.664	137.9	ug/l	5838280	4	13.341	2116250	50.0
Benzene, (3-met...	14.956	88.3	ug/l	3735210	4	13.341	2116250	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087140.D
Acq On : 20 Jun 2025 15:29
Operator : JC\MD
Sample : Q2363-01ME
Misc : 4.19g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Quant Time: Jun 20 23:08:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

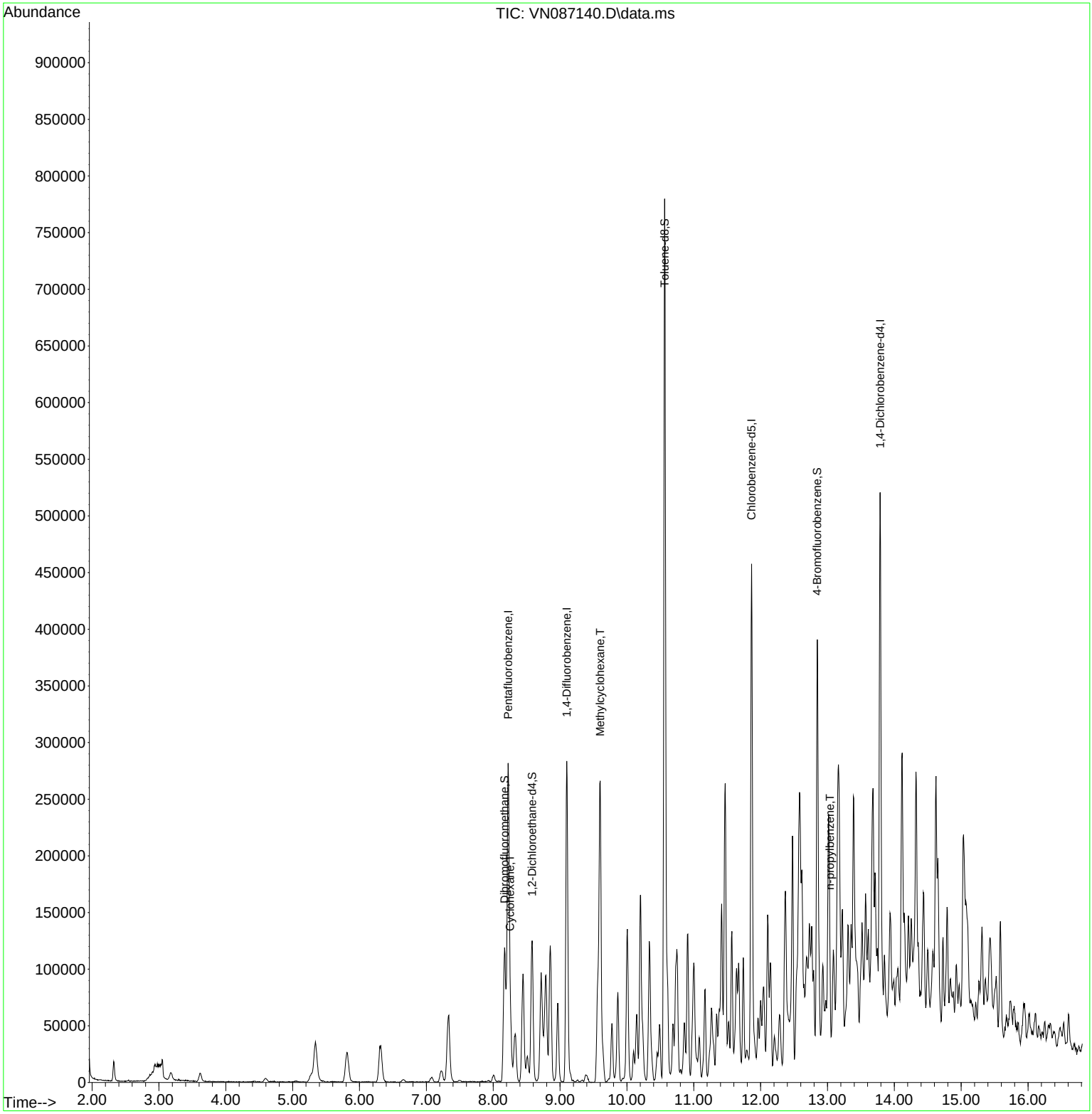
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	160799	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.100	114	252217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	107748	50.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%			
35) Dibromofluoromethane	8.171	113	92963	62.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.400%#			
50) Toluene-d8	10.565	98	416613	70.408	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 140.820%#			
62) 4-Bromofluorobenzene	12.847	95	130686	59.446	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.900%			
Target Compounds						Qvalue
31) Cyclohexane	8.253	56	44014	12.605	ug/l	95
39) Methylcyclohexane	9.600	83	134967	44.231	ug/l	97
78) n-propylbenzene	13.035	91	47295	4.120	ug/l	99

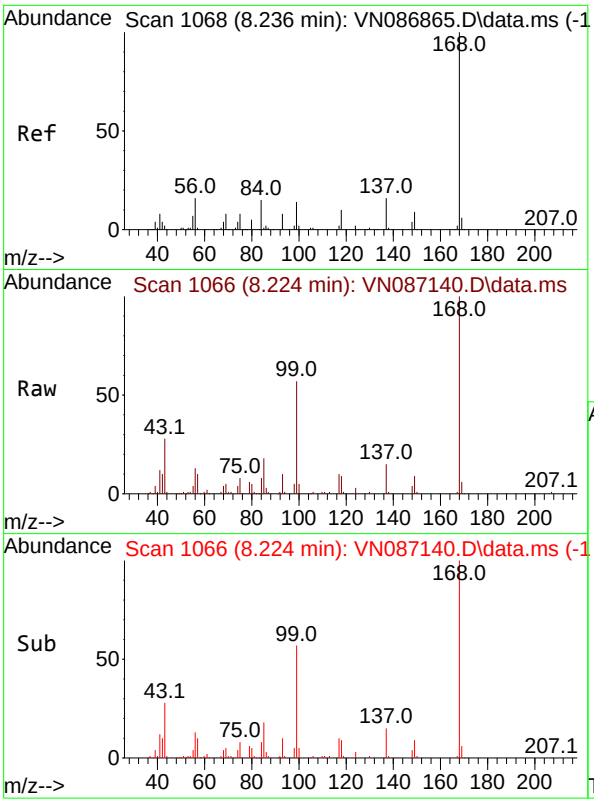
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087140.D
Acq On : 20 Jun 2025 15:29
Operator : JC\MD
Sample : Q2363-01ME
Misc : 4.19g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Quant Time: Jun 20 23:08:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



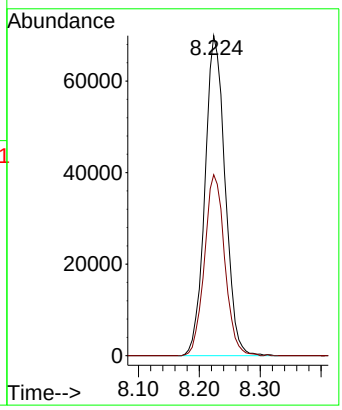


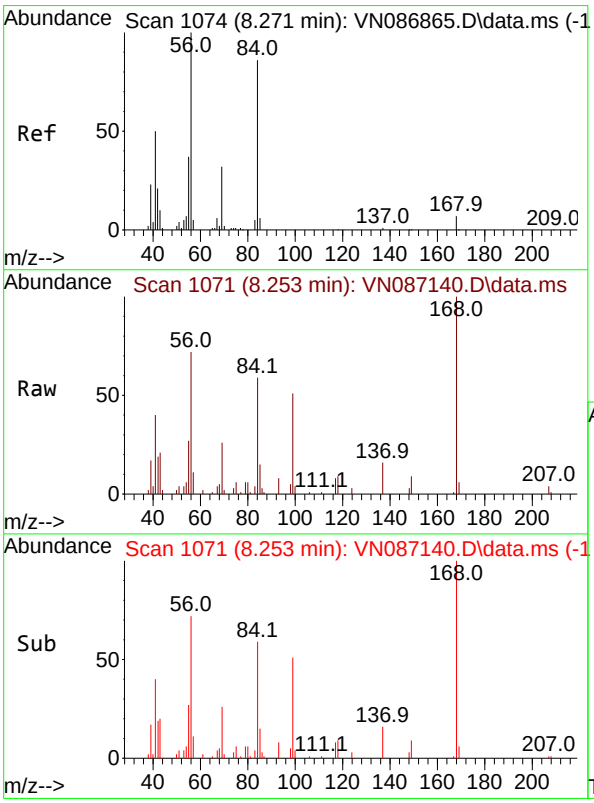
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion:168 Resp: 160799

Ion	Ratio	Lower	Upper
168	100		
99	56.5	49.1	73.7

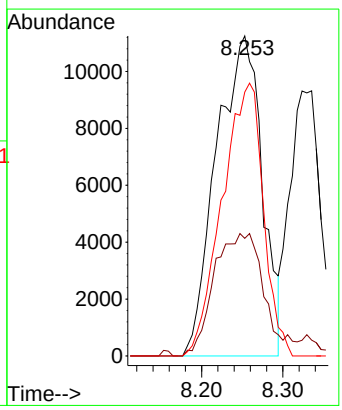


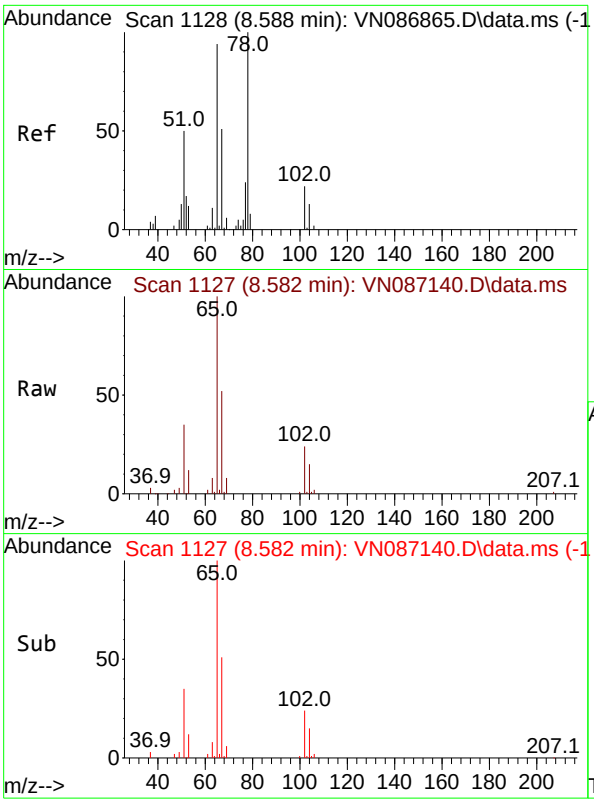


#31
Cyclohexane
Concen: 12.605 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.018 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion: 56 Resp: 44014

Ion	Ratio	Lower	Upper
56	100		
69	36.7	25.4	38.0
84	82.5	68.8	103.2



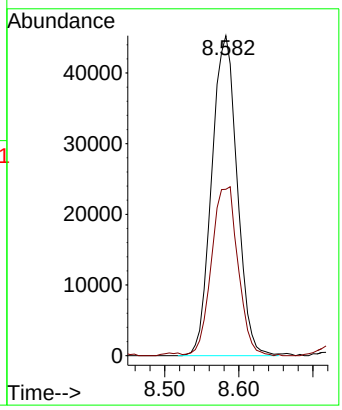


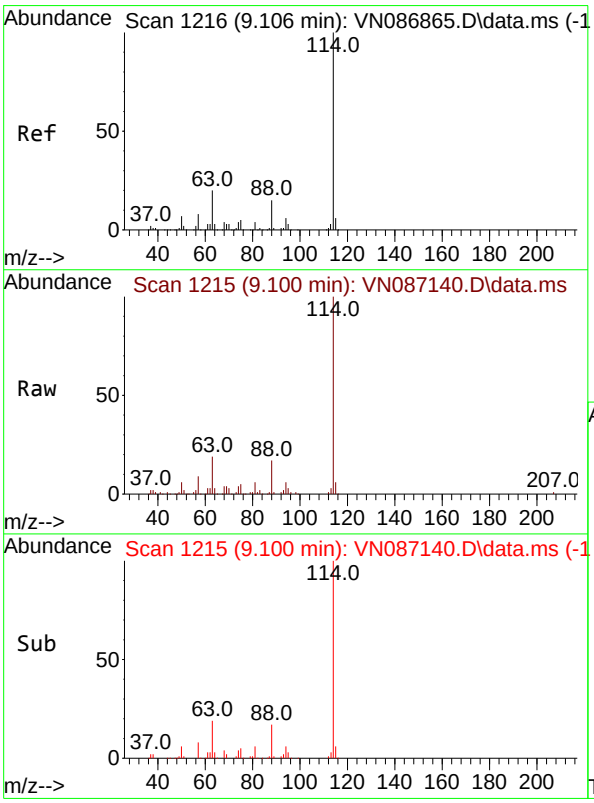
#33
1,2-Dichloroethane-d4
Concen: 50.047 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion: 65 Resp: 107748

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.6

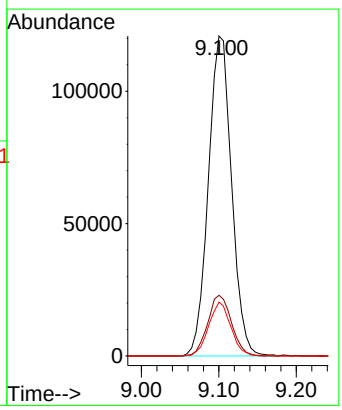


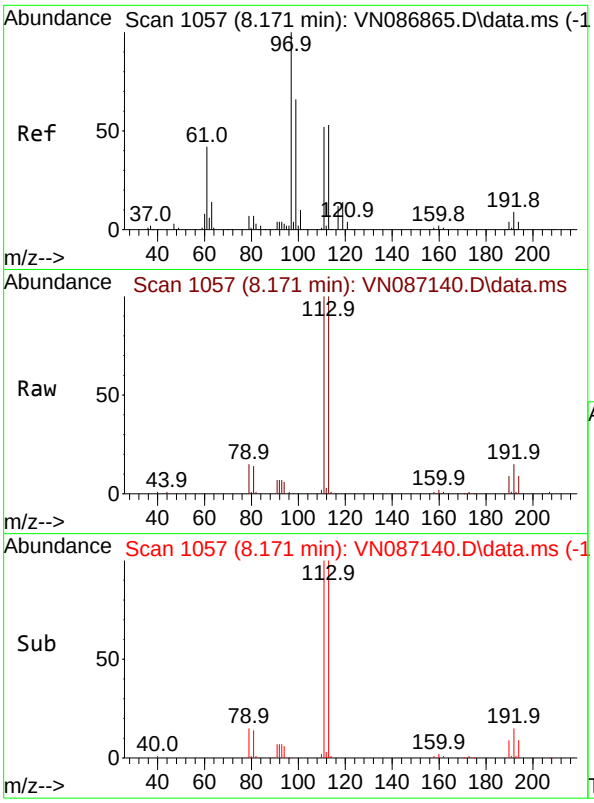


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion:114 Resp: 252217

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	16.9	0.0	30.2



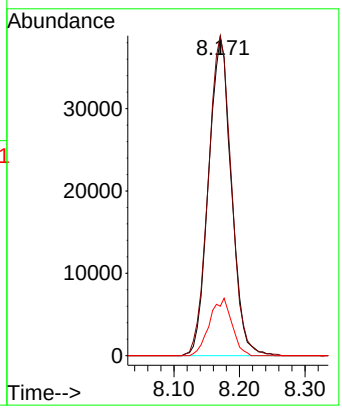


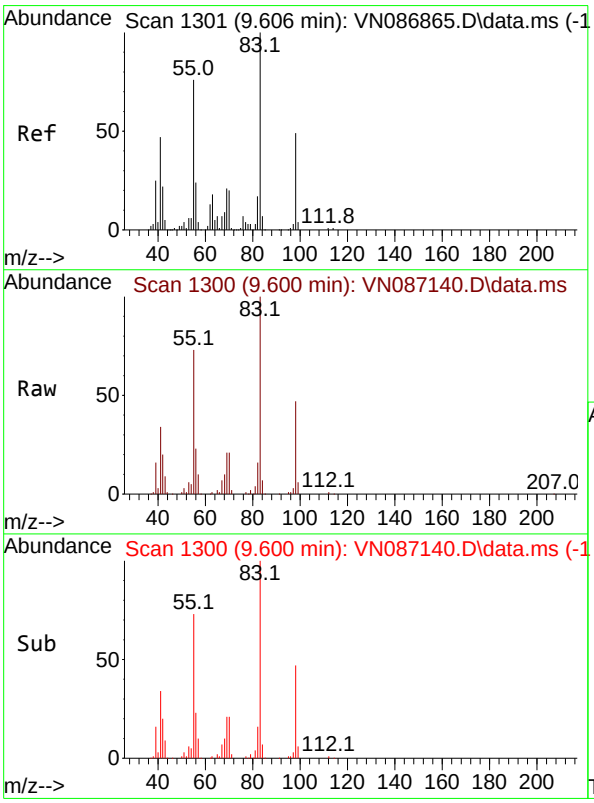
#35
Dibromofluoromethane
Concen: 62.195 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion:113 Resp: 92963

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.2	126.2
192	17.7	14.2	21.4

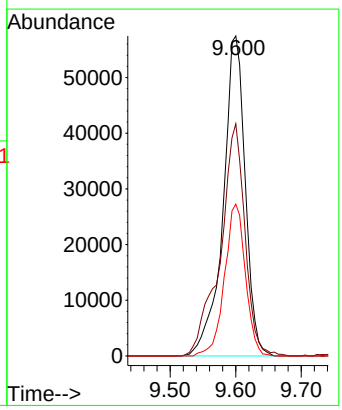


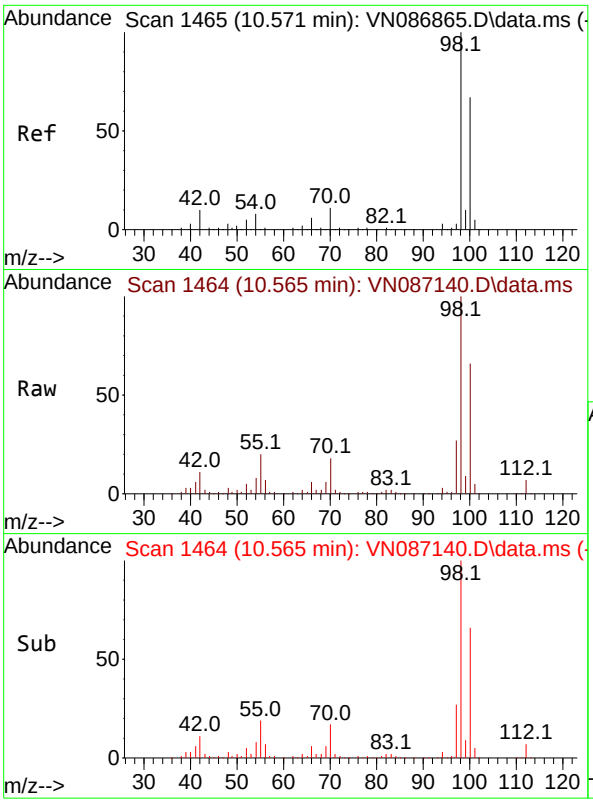


#39
Methylcyclohexane
Concen: 44.231 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion: 83 Resp: 134967

Ion	Ratio	Lower	Upper
83	100		
55	72.6	61.0	91.6
98	47.4	38.9	58.3



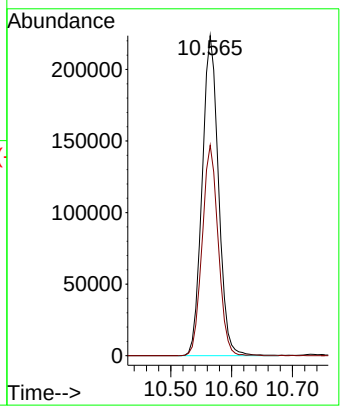


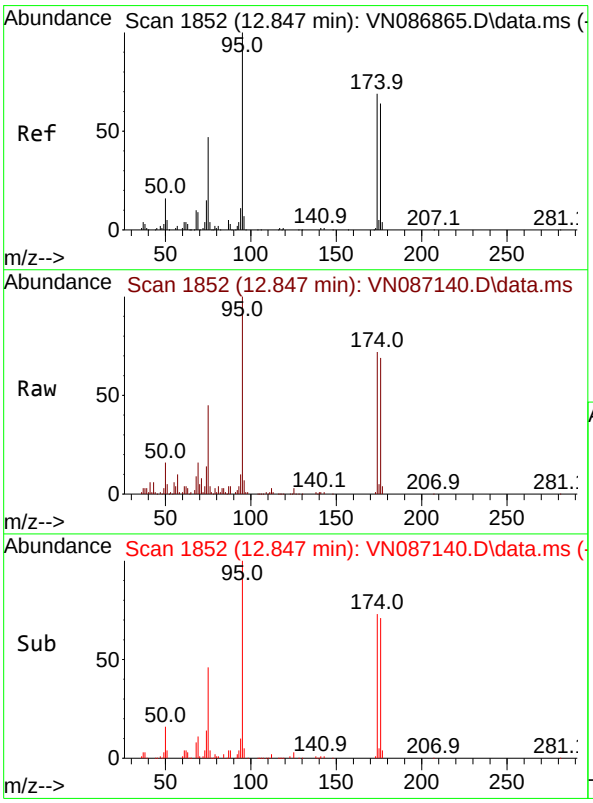
#50
Toluene-d8
Concen: 70.408 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion: 98 Resp: 416613

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.4	80.0

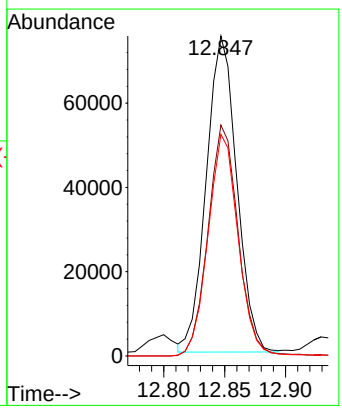


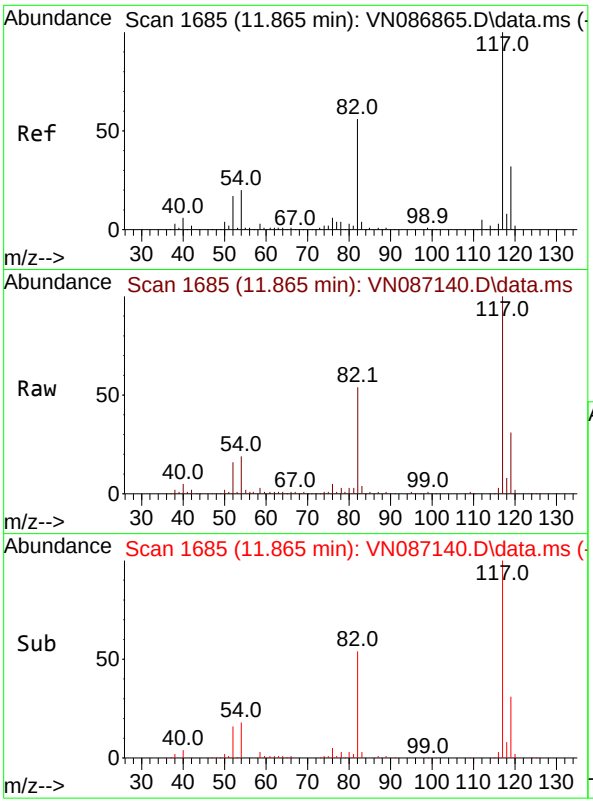


#62
4-Bromofluorobenzene
Concen: 59.446 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion: 95 Resp: 130686

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.8
176	69.6	0.0	132.6



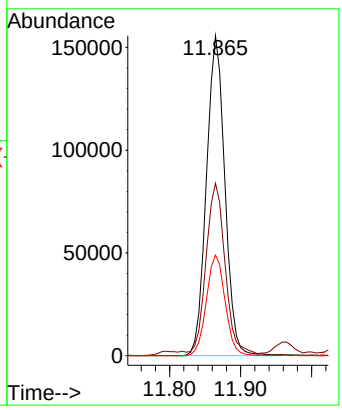


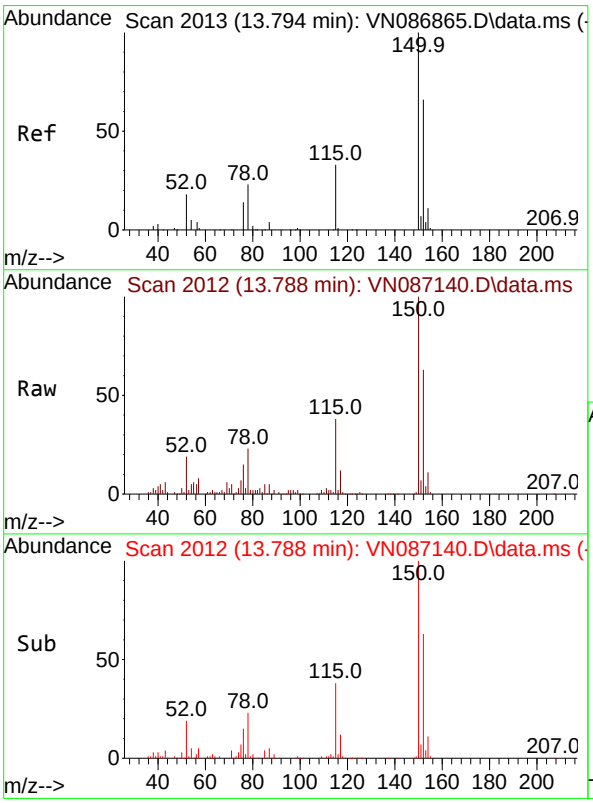
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion:117 Resp: 281251

Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.6	67.0
119	31.5	25.5	38.3

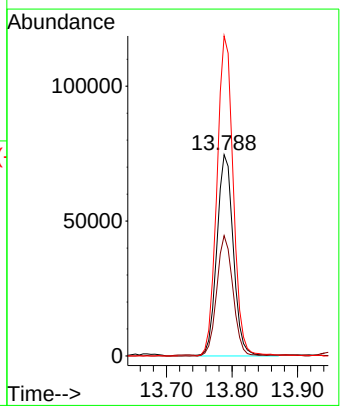


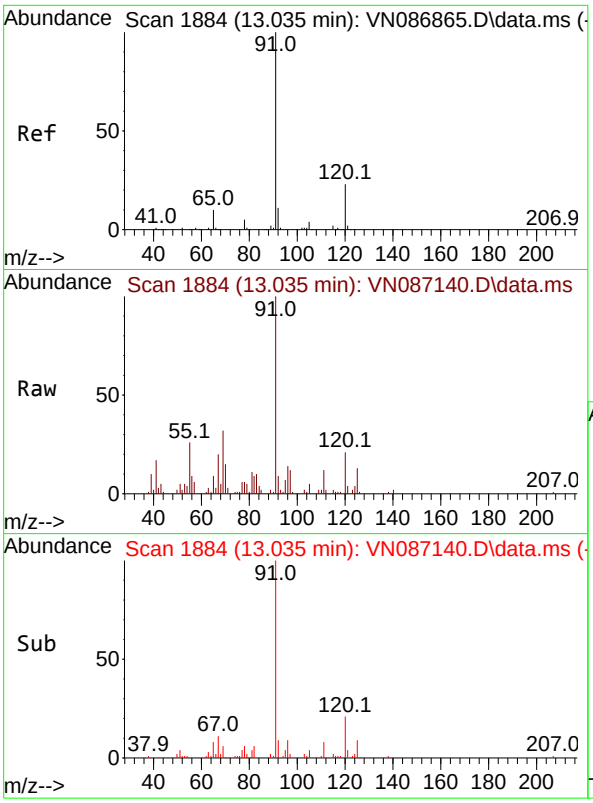


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Tgt Ion:152 Resp: 129659

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.1	90.5
150	157.7	0.0	345.0



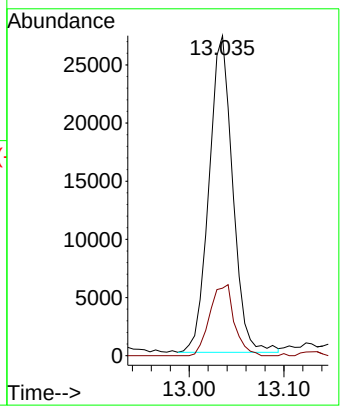


#78
n-propylbenzene
Concen: 4.120 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087140.D
Acq: 20 Jun 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
GCAP1ME

Tgt Ion: 91 Resp: 47295

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 05:20:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	97884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61764	45.619	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.240%			
35) Dibromofluoromethane	5.397	113	56188	51.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	8.653	98	201338	50.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	76110	51.631	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.260%			
Target Compounds						Qvalue
31) Cyclohexane	5.489	56	2515018	1240.553	ug/l	99
39) Methylcyclohexane	7.391	83	2150867	1028.684	ug/l	96
40) Benzene	6.050	78	8572	1.823	ug/l	95
52) Toluene	8.720	92	19465	6.677	ug/l	95
67) Ethyl Benzene	10.195	91	436377	76.465	ug/l	99
69) o-Xylene	10.640	106	4902	2.460	ug/l	97
73) Isopropylbenzene	10.963	105	567581	106.299	ug/l	100
78) n-propylbenzene	11.305	91	1221331	192.578	ug/l	99
85) sec-Butylbenzene	11.890	105	137153	23.927	ug/l	95
86) p-Isopropyltoluene	12.006	119	100644m	20.810	ug/l	
89) n-Butylbenzene	12.329	91	109942m	23.942	ug/l	
95) Naphthalene	13.774	128	8636	1.821	ug/l #	68

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

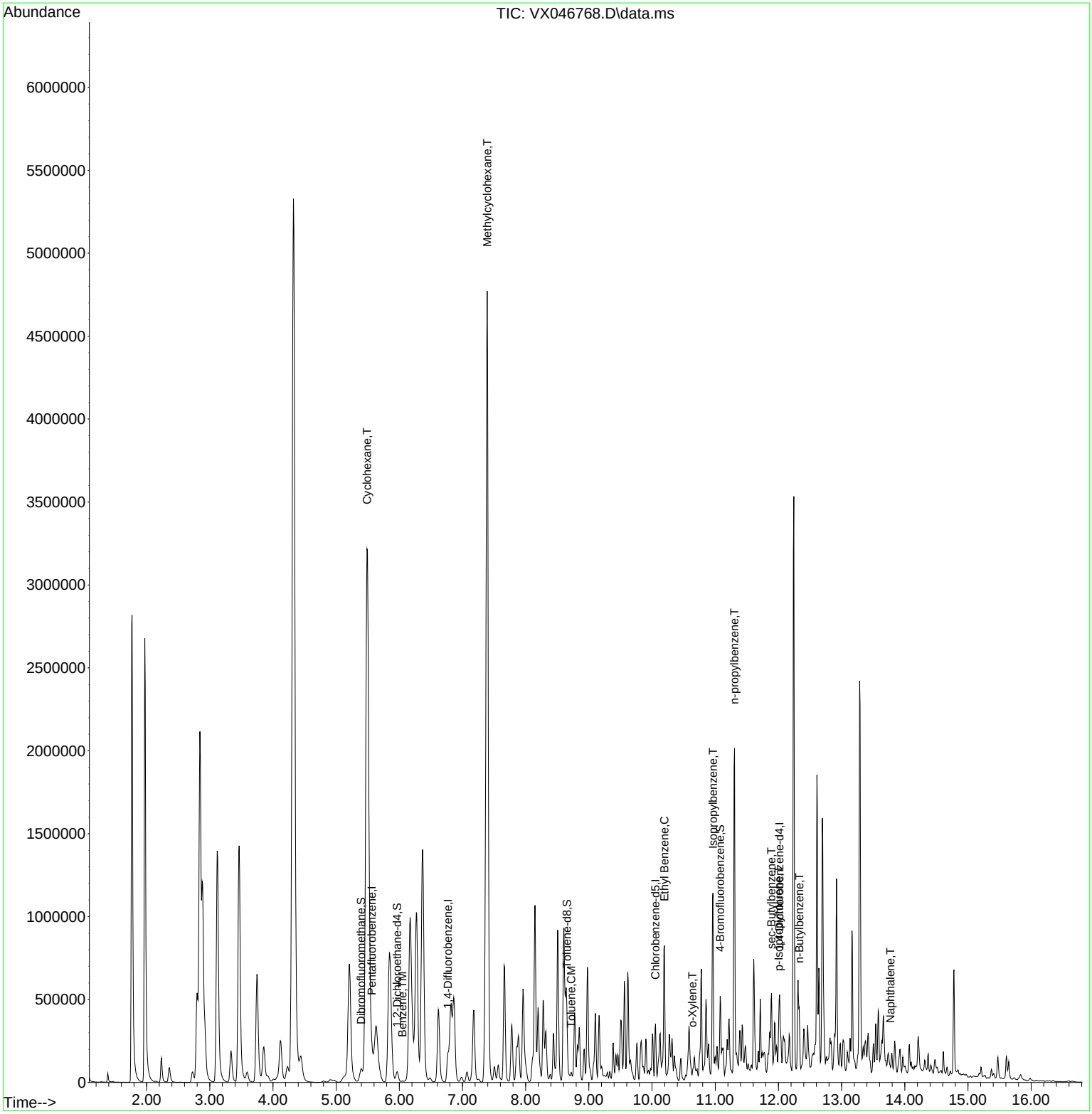
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

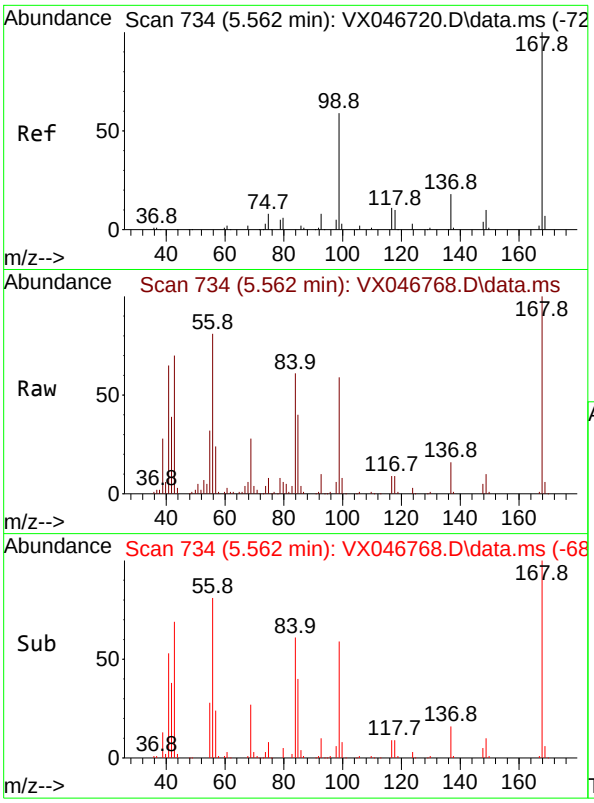
Quant Time: Jun 20 05:20:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

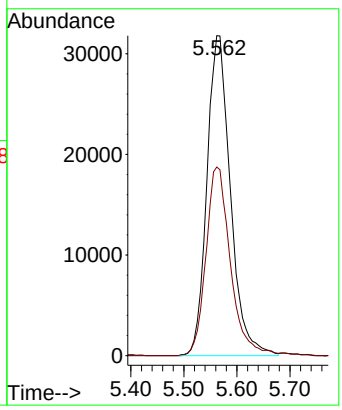




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:168 Resp: 9788

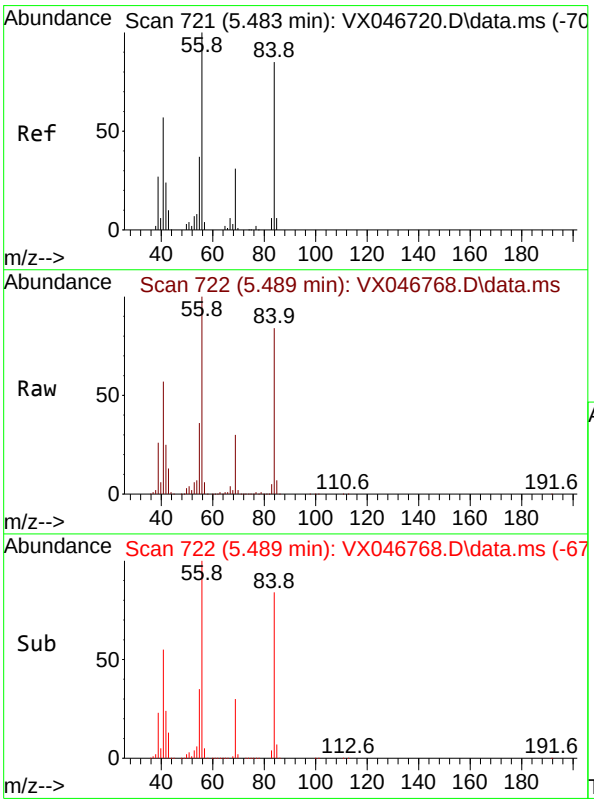
Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.5	72.7



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

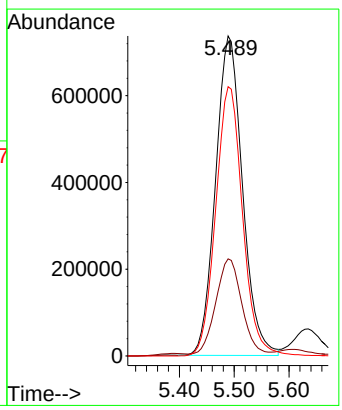
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

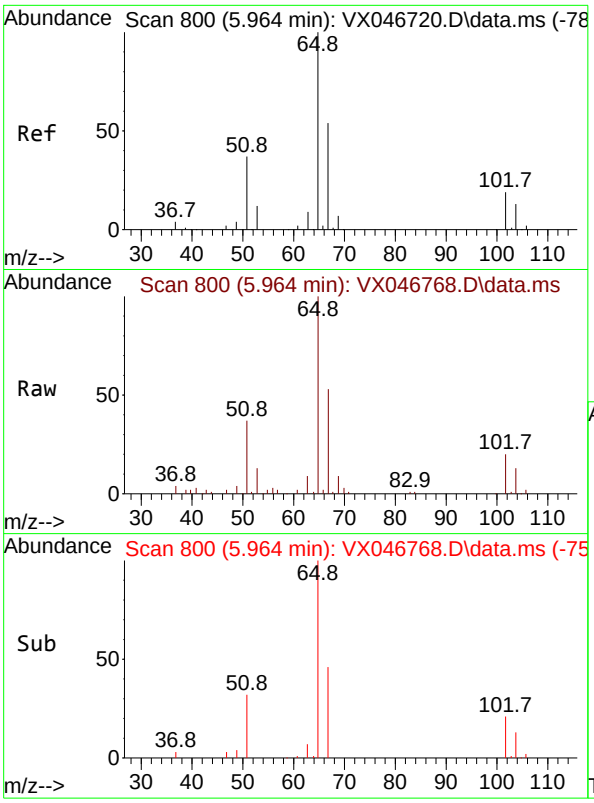


#31
Cyclohexane
Concen: 1240.553 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 56 Resp: 2515018

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.8	37.2
84	84.3	68.2	102.2

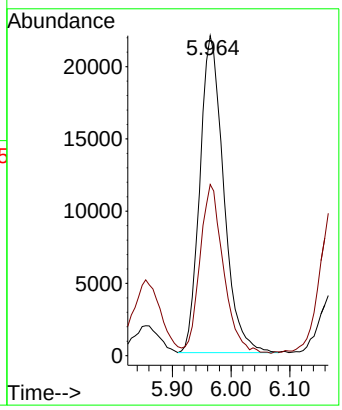




#33
1,2-Dichloroethane-d4
Concen: 45.619 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 65 Resp: 6176

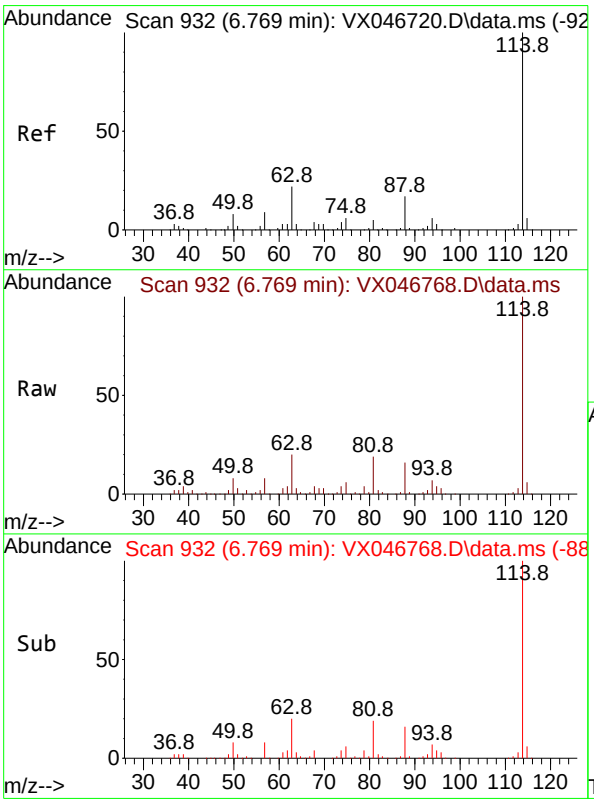
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

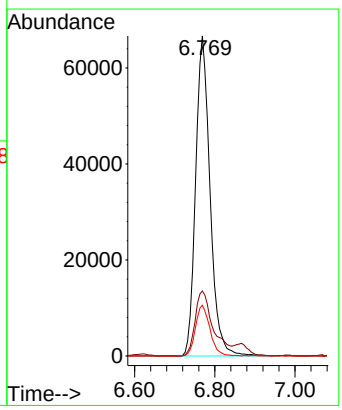
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

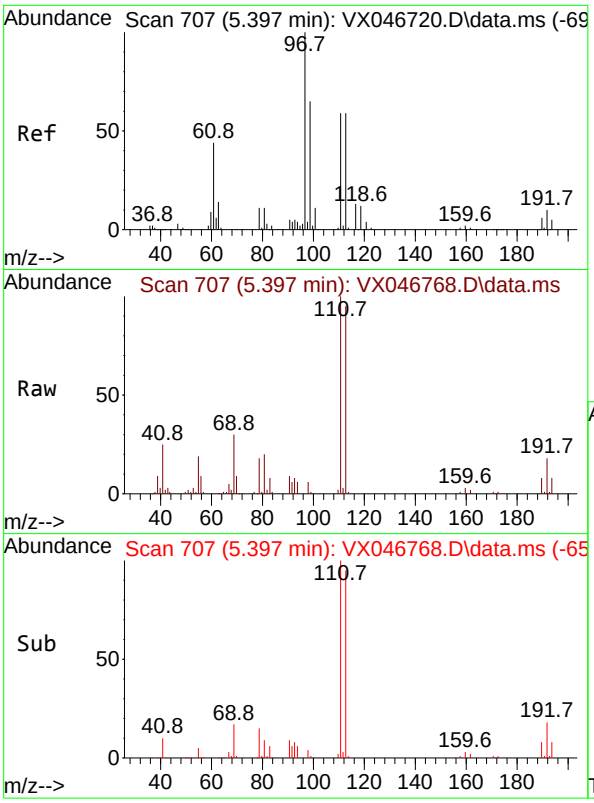


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:114 Resp: 166362

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.2
88	15.9	0.0	33.2

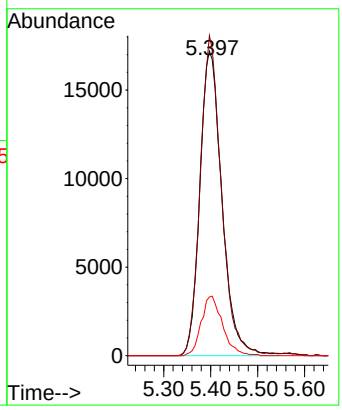




#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:113 Resp: 5618

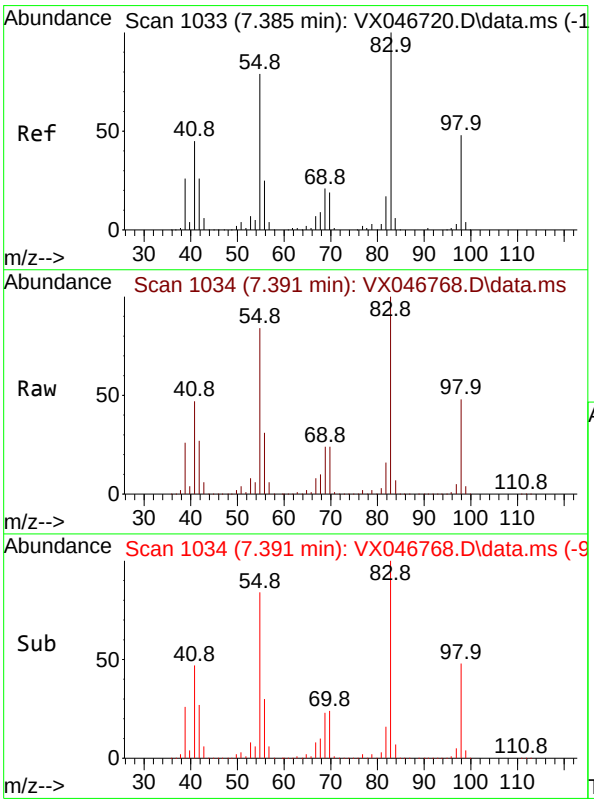
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.0	123.0
192	18.9	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

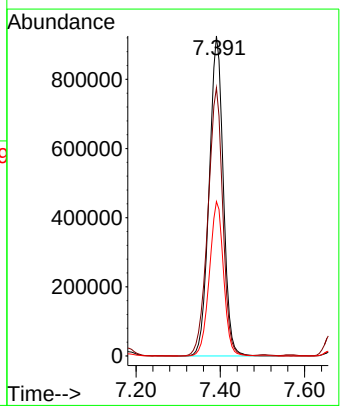
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

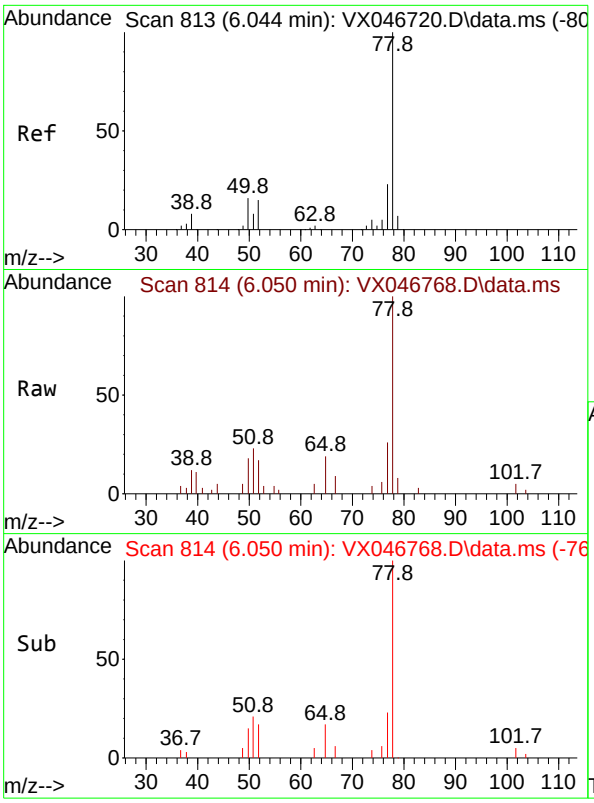


#39
Methylcyclohexane
Concen: 1028.684 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 83 Resp: 2150867

Ion	Ratio	Lower	Upper
83	100		
55	83.8	63.0	94.4
98	48.3	38.8	58.2





#40
Benzene
Concen: 1.823 ug/l
RT: 6.050 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

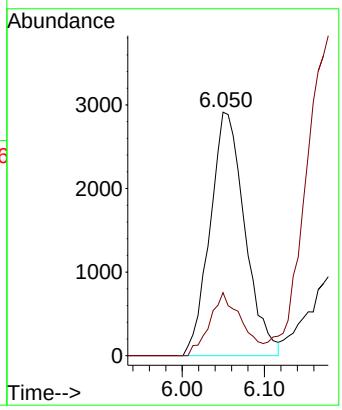
Tgt Ion: 78 Resp: 857

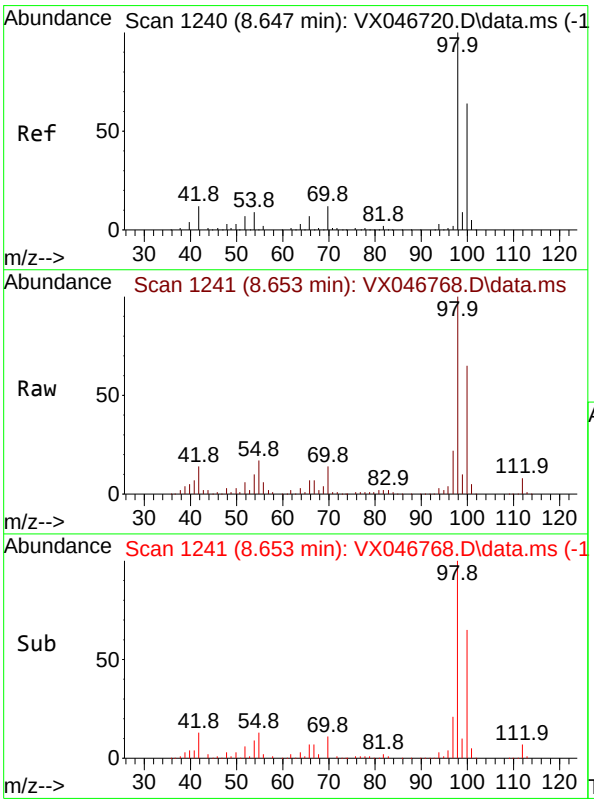
Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.8	28.2

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

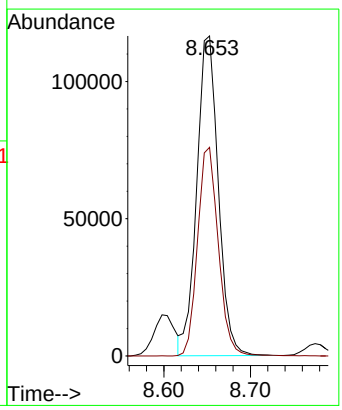


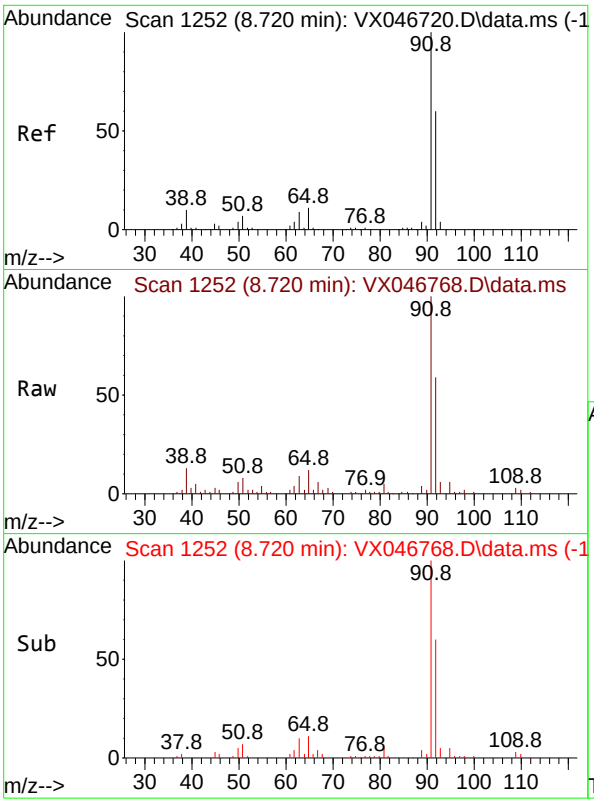


#50
Toluene-d8
Concen: 50.913 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 98 Resp: 201338

Ion	Ratio	Lower	Upper
98	100		
100	63.0	53.0	79.4

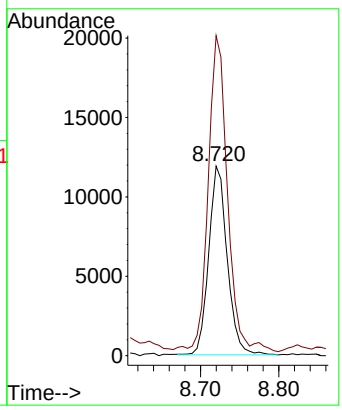




#52
Toluene
Concen: 6.677 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 92 Resp: 1946

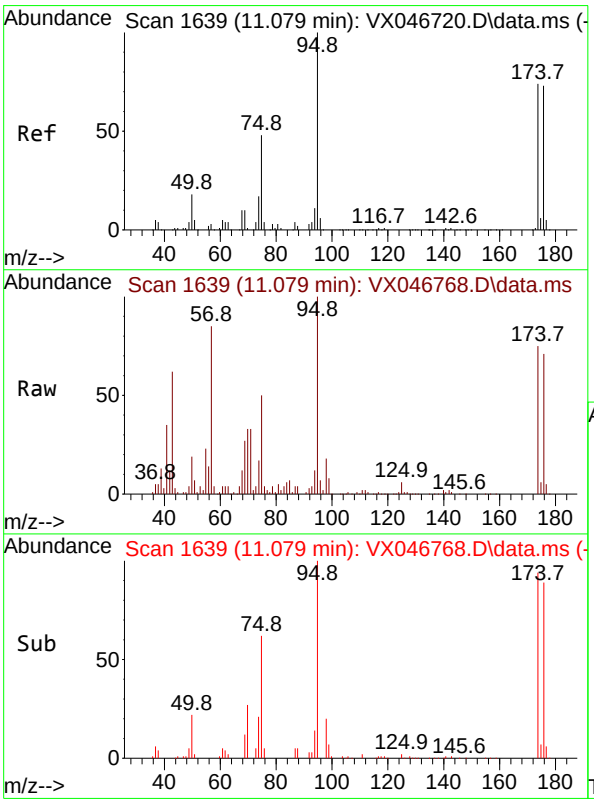
Ion	Ratio	Lower	Upper
92	100		
91	175.3	134.8	202.2



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

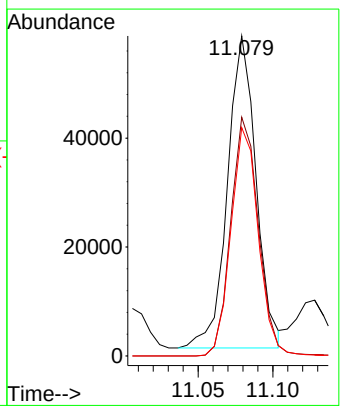
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

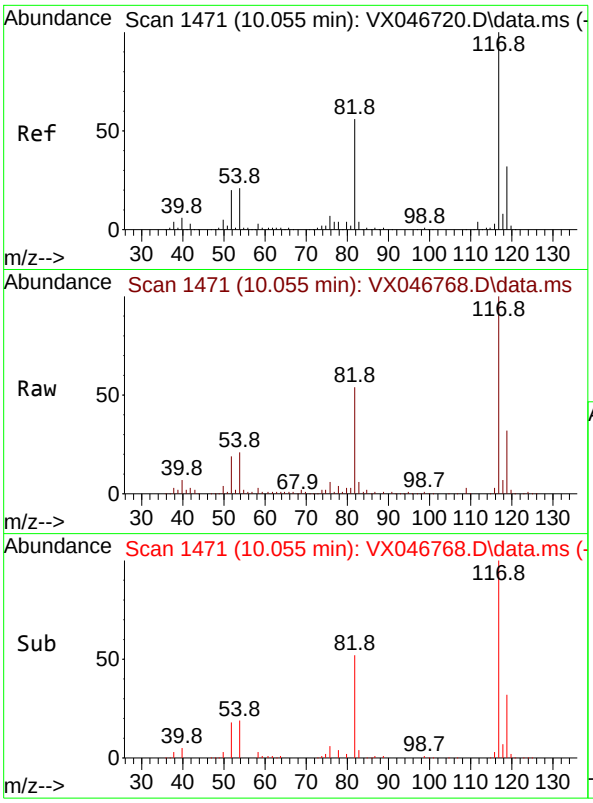


#62
4-Bromofluorobenzene
Concen: 51.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 95 Resp: 76110

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	70.8	0.0	145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

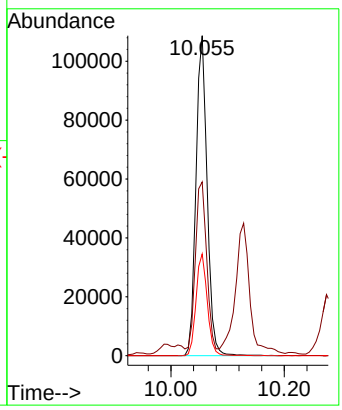
Tgt Ion:117 Resp: 14796

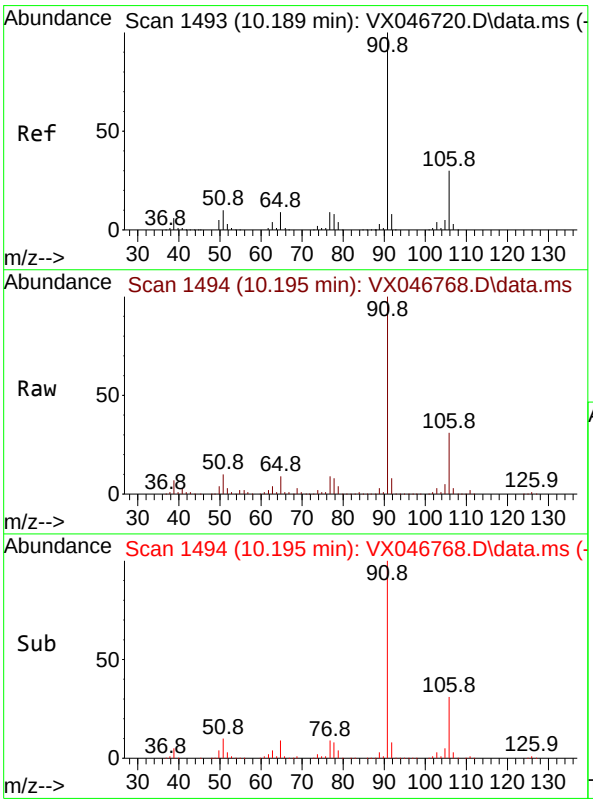
Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	66.8
119	31.8	25.8	38.8

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

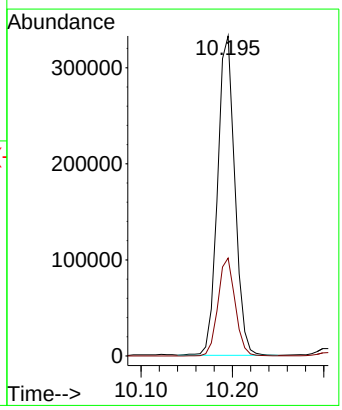


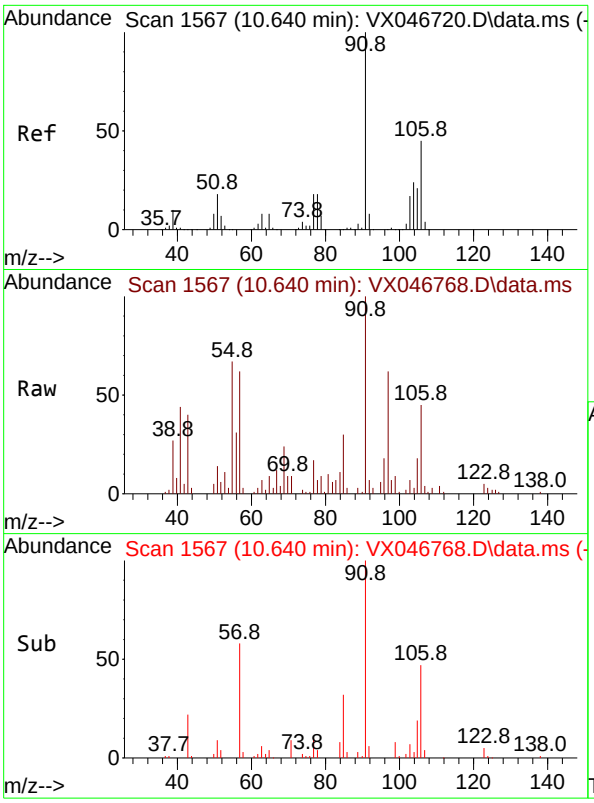


#67
Ethyl Benzene
Concen: 76.465 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 91 Resp: 436377

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.2	36.2

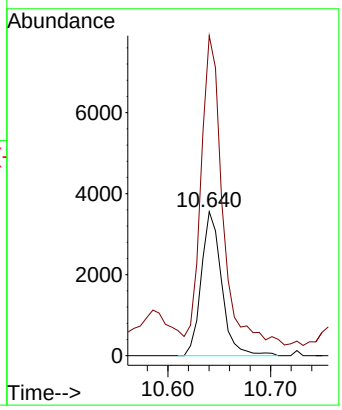




#69
o-Xylene
Concen: 2.460 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:106 Resp: 490

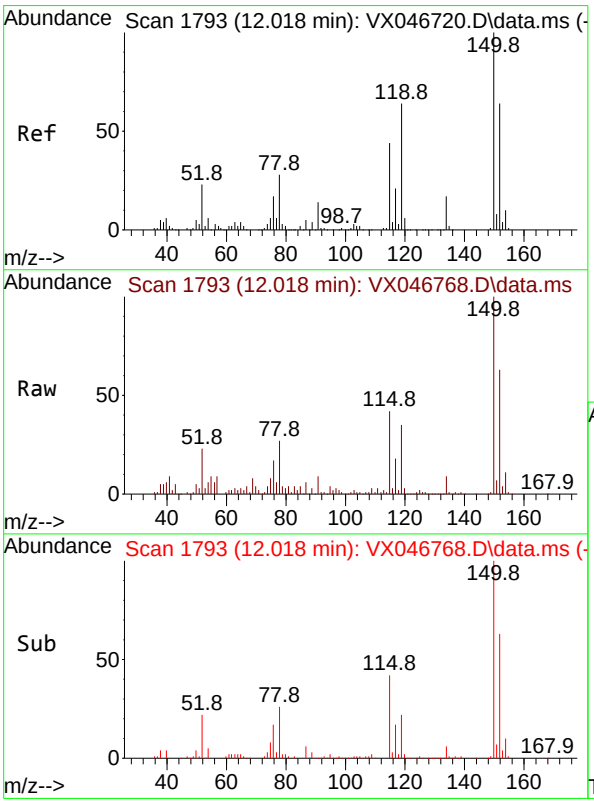
Ion	Ratio	Lower	Upper
106	100		
91	226.7	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

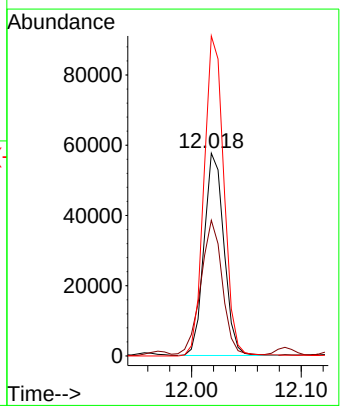
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

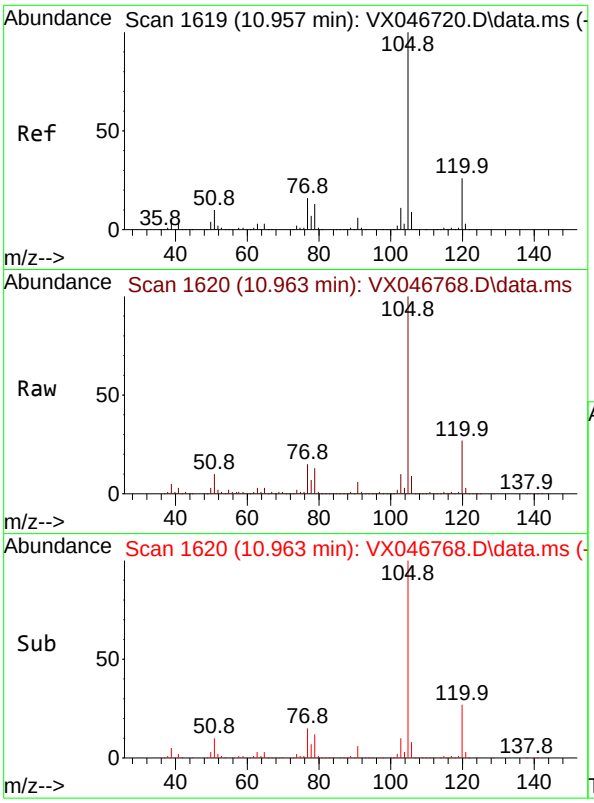


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:152 Resp: 72498

Ion	Ratio	Lower	Upper
152	100		
115	71.1	43.2	129.6
150	158.7	0.0	346.8

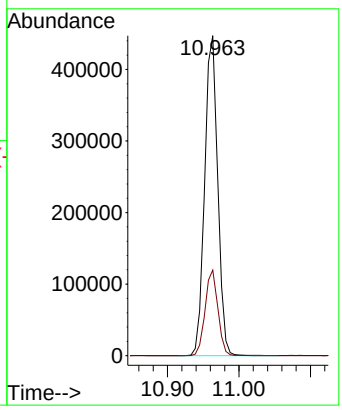




#73
Isopropylbenzene
Concen: 106.299 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:105 Resp: 56758

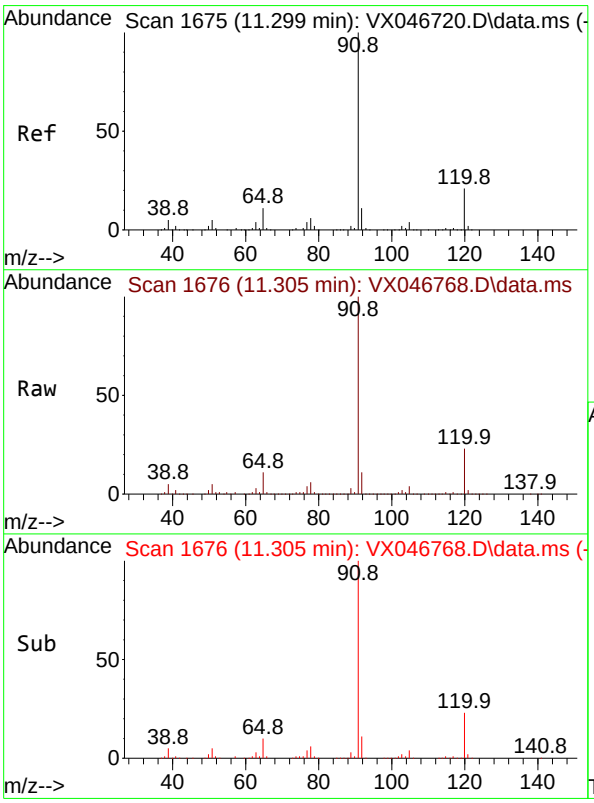
Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

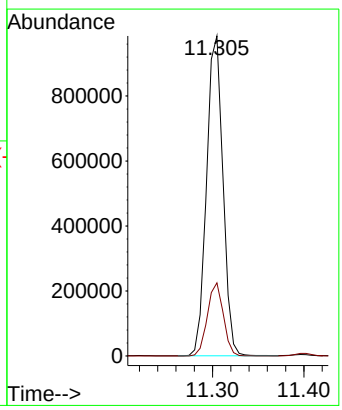
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

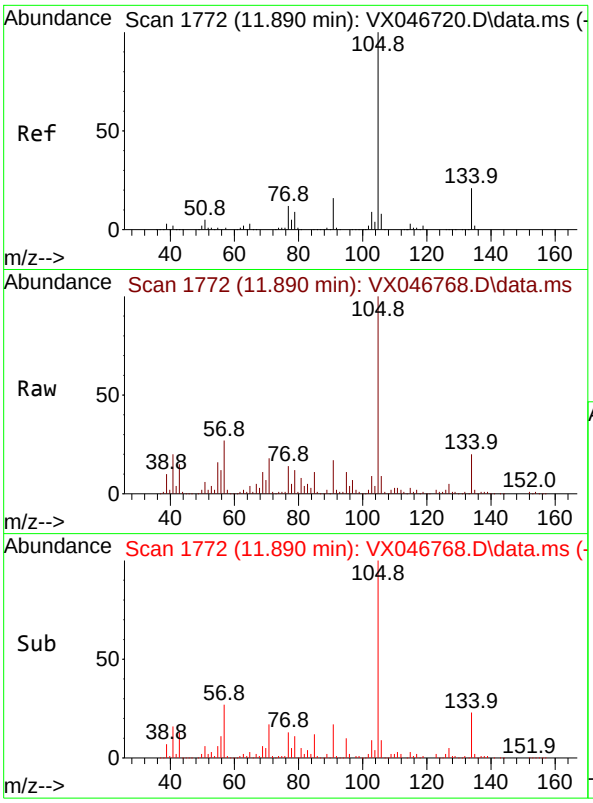


#78
n-propylbenzene
Concen: 192.578 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 91 Resp: 1221331

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1

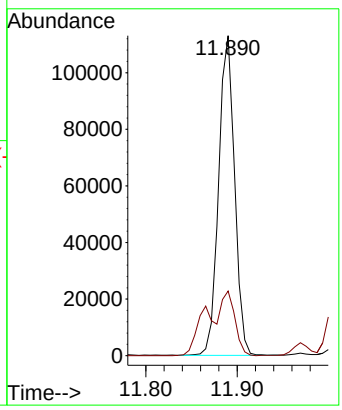




#85
sec-Butylbenzene
Concen: 23.927 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:105 Resp: 13715

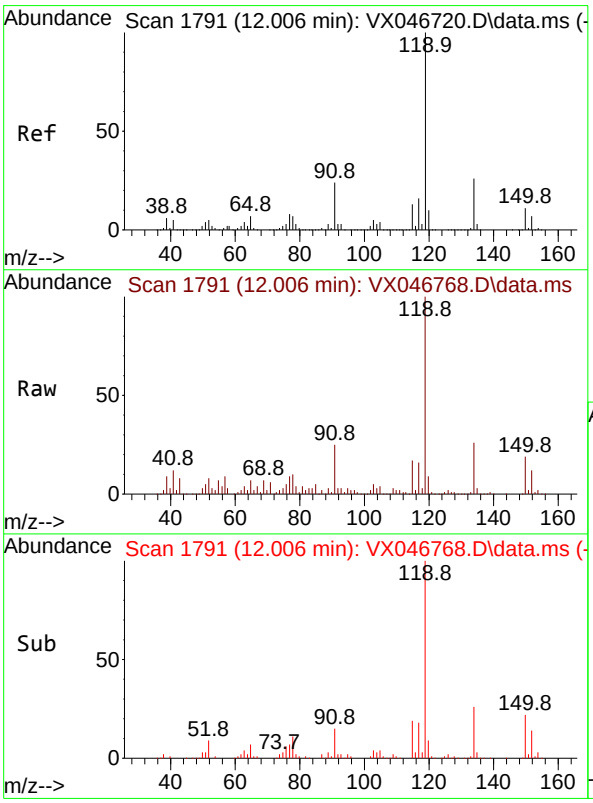
Ion	Ratio	Lower	Upper
105	100		
134	17.5	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

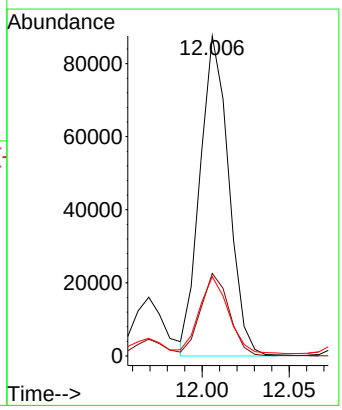
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

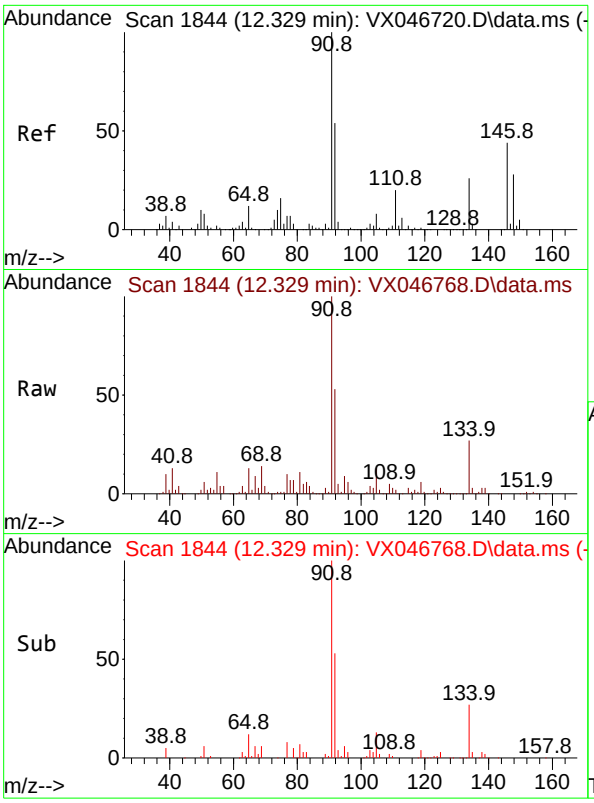


#86
p-Isopropyltoluene
Concen: 20.810 ug/l m
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:119 Resp: 100644

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.7	12.3	36.9

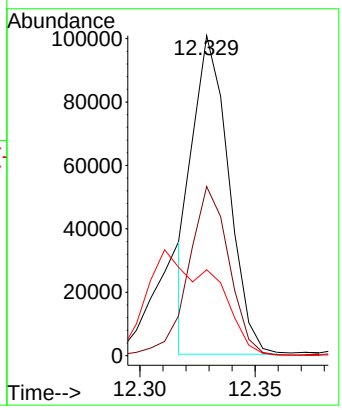




#89
n-Butylbenzene
Concen: 23.942 ug/l m
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 91 Resp: 10994

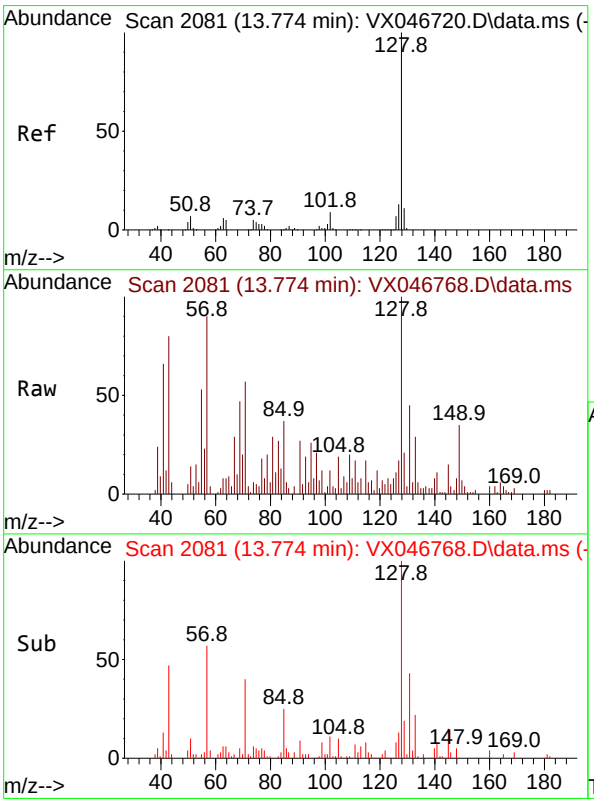
Ion	Ratio	Lower	Upper
91	100		
92	59.4	27.1	81.3
134	62.1	12.9	38.6#



Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Manual Integrations
APPROVED

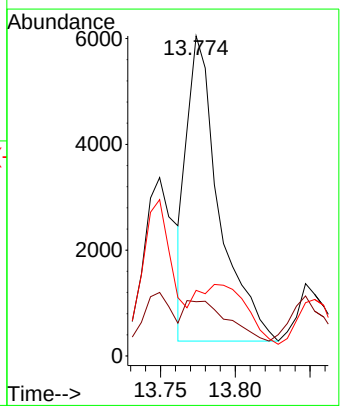
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#95
Naphthalene
Concen: 1.821 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:128 Resp: 8636

Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.1	15.1#
129	30.1	8.7	13.1#



Sample Results: **VX046768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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_X\Method\82X061725W.M
Title : SW846 8260

Signal : TIC: VX046768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	106	112	139	rBV	2815124	4695567	28.95%	3.186%
2	1.971	139	145	169	rVV	2675203	4419709	27.25%	2.999%
3	2.233	182	188	201	rBV	145369	261305	1.61%	0.177%
4	2.800	274	281	283	rBV	511408	1033323	6.37%	0.701%
5	2.843	283	288	292	rBV	1621110	3121004	19.25%	2.118%
6	3.117	323	333	360	rVB	1393928	3538904	21.82%	2.402%
7	3.337	360	369	380	rBV	184760	455311	2.81%	0.309%
8	3.465	380	390	405	rBV	1420390	3577831	22.06%	2.428%
9	3.745	426	436	447	rBV	649432	1724511	10.63%	1.170%
10	3.855	447	454	463	rVV	176112	432129	2.66%	0.293%
11	4.117	484	497	508	rBV	234525	698312	4.31%	0.474%
12	4.324	520	531	545	rBV	5261173	16217185	100.00%	11.005%
13	5.208	649	676	696	rBV	712412	2528333	15.59%	1.716%
14	5.489	710	722	738	rVV2	3213811	12068907	74.42%	8.190%
15	5.629	739	745	767	rVB3	336748	1400746	8.64%	0.951%
16	5.842	767	780	794	rBV4	777338	2808344	17.32%	1.906%
17	6.172	819	834	843	rBV	988504	3389446	20.90%	2.300%
18	6.269	843	850	858	rVV2	1016507	3039401	18.74%	2.063%
19	6.367	858	866	881	rVV	1394111	4136974	25.51%	2.807%
20	6.617	897	907	924	rVB	435061	1134479	7.00%	0.770%
21	6.818	924	940	943	rBV2	461890	1598067	9.85%	1.084%
22	6.860	944	947	961	rVB4	505621	1193050	7.36%	0.810%
23	7.177	988	999	1009	rBV	428503	1068029	6.59%	0.725%
24	7.391	1019	1034	1047	rBV	4769170	12032193	74.19%	8.165%
25	7.659	1071	1078	1090	rVB	698154	1424446	8.78%	0.967%
26	7.781	1090	1098	1105	rBV	339301	710764	4.38%	0.482%
27	7.860	1105	1111	1112	rVV	205380	333952	2.06%	0.227%
28	7.885	1112	1115	1121	rVV	268560	505503	3.12%	0.343%
29	7.958	1121	1127	1144	rVB3	558045	1362434	8.40%	0.925%
30	8.147	1144	1158	1162	rBV	1061819	2157604	13.30%	1.464%
31	8.196	1162	1166	1174	rVV2	431892	868288	5.35%	0.589%
32	8.275	1174	1179	1183	rVV	473047	848892	5.23%	0.576%
33	8.317	1183	1186	1194	rVB3	286521	527608	3.25%	0.358%
34	8.439	1201	1206	1211	rBV	277056	483772	2.98%	0.328%
35	8.506	1211	1217	1226	rVB2	905709	1652572	10.19%	1.121%
36	8.604	1226	1233	1237	rBV3	917171	1888130	11.64%	1.281%

Sample Results: **VX046768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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_X\Method\82X061725W.M
Title : SW846 8260

37	8.775	1255	1261	1265	rBV	382441	627170	3.87%	0.426%
38	8.817	1265	1268	1270	rVV	186471	271825	1.68%	0.184%
39	8.848	1270	1273	1280	rVB	317347	509765	3.14%	0.346%
40	8.927	1280	1286	1289	rBV	185477	306873	1.89%	0.208%
41	8.976	1289	1294	1306	rVB3	677281	1302940	8.03%	0.884%
42	9.104	1306	1315	1320	rBV2	399455	777449	4.79%	0.528%
43	9.159	1320	1324	1329	rBV2	367975	599412	3.70%	0.407%
44	9.384	1356	1361	1365	rBV2	213607	328297	2.02%	0.223%
45	9.506	1376	1381	1386	rVV3	343113	725720	4.48%	0.492%
46	9.561	1386	1390	1394	rVV	573439	845671	5.21%	0.574%
47	9.616	1394	1399	1404	rVV2	627960	1078709	6.65%	0.732%
48	9.762	1417	1423	1428	rBV2	217627	356560	2.20%	0.242%
49	9.829	1428	1434	1438	rBV3	231951	493208	3.04%	0.335%
50	9.903	1442	1446	1450	rVB	207055	264024	1.63%	0.179%
51	10.006	1459	1463	1467	rVB	255650	350791	2.16%	0.238%
52	10.055	1467	1471	1475	rVV	318264	412712	2.54%	0.280%
53	10.128	1475	1483	1486	rVV2	261073	536296	3.31%	0.364%
54	10.195	1486	1494	1499	rVV	794554	1269314	7.83%	0.861%
55	10.274	1499	1507	1511	rVV	263764	537523	3.31%	0.365%
56	10.317	1511	1514	1517	rVV	242334	344367	2.12%	0.234%
57	10.354	1517	1520	1532	rVB3	149383	321831	1.98%	0.218%
58	10.585	1551	1558	1566	rBV4	302250	607529	3.75%	0.412%
59	10.780	1582	1590	1594	rBV2	644657	1021027	6.30%	0.693%
60	10.854	1594	1602	1606	rBV3	426314	676558	4.17%	0.459%
61	10.896	1606	1609	1614	rVB	180549	251463	1.55%	0.171%
62	10.963	1614	1620	1624	rBV	1090884	1477562	9.11%	1.003%
63	11.079	1634	1639	1642	rBV2	438079	606254	3.74%	0.411%
64	11.122	1642	1646	1650	rVB2	163761	330562	2.04%	0.224%
65	11.189	1650	1657	1659	rBV2	214819	344768	2.13%	0.234%
66	11.219	1659	1662	1667	rVB3	308677	398456	2.46%	0.270%
67	11.305	1671	1676	1680	rBV	1952148	2477343	15.28%	1.681%
68	11.390	1686	1690	1693	rBV3	211478	301613	1.86%	0.205%
69	11.427	1693	1696	1701	rVV	254178	349676	2.16%	0.237%
70	11.610	1722	1726	1734	rVB	664011	992715	6.12%	0.674%
71	11.713	1740	1743	1746	rBV	381575	399092	2.46%	0.271%
72	11.866	1764	1768	1769	rVV	241067	346914	2.14%	0.235%
73	11.890	1769	1772	1776	rVV	473717	653760	4.03%	0.444%
74	11.939	1776	1780	1783	rVV	292166	438815	2.71%	0.298%
75	12.018	1788	1793	1799	rVV4	455190	978131	6.03%	0.664%
76	12.079	1799	1803	1811	rVV3	201604	549657	3.39%	0.373%

Sample Results: **VX046768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

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_X\Method\82X061725W.M
Title : SW846 8260

77	12.170	1815	1818	1825	rVB3	218146	328657	2.03%	0.223%
78	12.244	1825	1830	1836	rBV	3462610	4359369	26.88%	2.958%
79	12.311	1836	1841	1848	rBV2	536250	1033395	6.37%	0.701%
80	12.402	1848	1856	1862	rBV2	242044	500104	3.08%	0.339%
81	12.463	1862	1866	1872	rVB2	252674	388408	2.40%	0.264%
82	12.609	1886	1890	1893	rVV	1745844	2150453	13.26%	1.459%
83	12.640	1893	1895	1899	rVV	578553	682719	4.21%	0.463%
84	12.695	1899	1904	1912	rVB2	1479599	2296626	14.16%	1.559%
85	12.890	1931	1936	1937	rBV2	212134	293474	1.81%	0.199%
86	12.920	1937	1941	1947	rVB	1124320	1404008	8.66%	0.953%
87	13.024	1954	1958	1964	rVB4	184405	373451	2.30%	0.253%
88	13.164	1978	1981	1991	rVB	832282	1130332	6.97%	0.767%
89	13.286	1992	2001	2007	rBV2	2338796	3447765	21.26%	2.340%
90	13.378	2012	2016	2020	rVV2	132756	251871	1.55%	0.171%
91	13.420	2020	2023	2032	rVB5	239371	464135	2.86%	0.315%
92	13.506	2032	2037	2039	rBV2	174713	238245	1.47%	0.162%
93	13.542	2039	2043	2046	rVV	242950	301406	1.86%	0.205%
94	13.579	2046	2049	2053	rVV2	324782	451492	2.78%	0.306%
95	13.664	2060	2063	2068	rVV2	293925	453534	2.80%	0.308%
96	13.841	2088	2092	2098	rVB2	189388	285762	1.76%	0.194%
97	13.926	2098	2106	2110	rBV4	137720	271606	1.67%	0.184%
98	14.073	2125	2130	2133	rBV	171884	236065	1.46%	0.160%
99	14.213	2149	2153	2163	rVB2	207530	368495	2.27%	0.250%
100	14.780	2241	2246	2253	rBV	623689	850406	5.24%	0.577%

Sum of corrected areas: 147361155

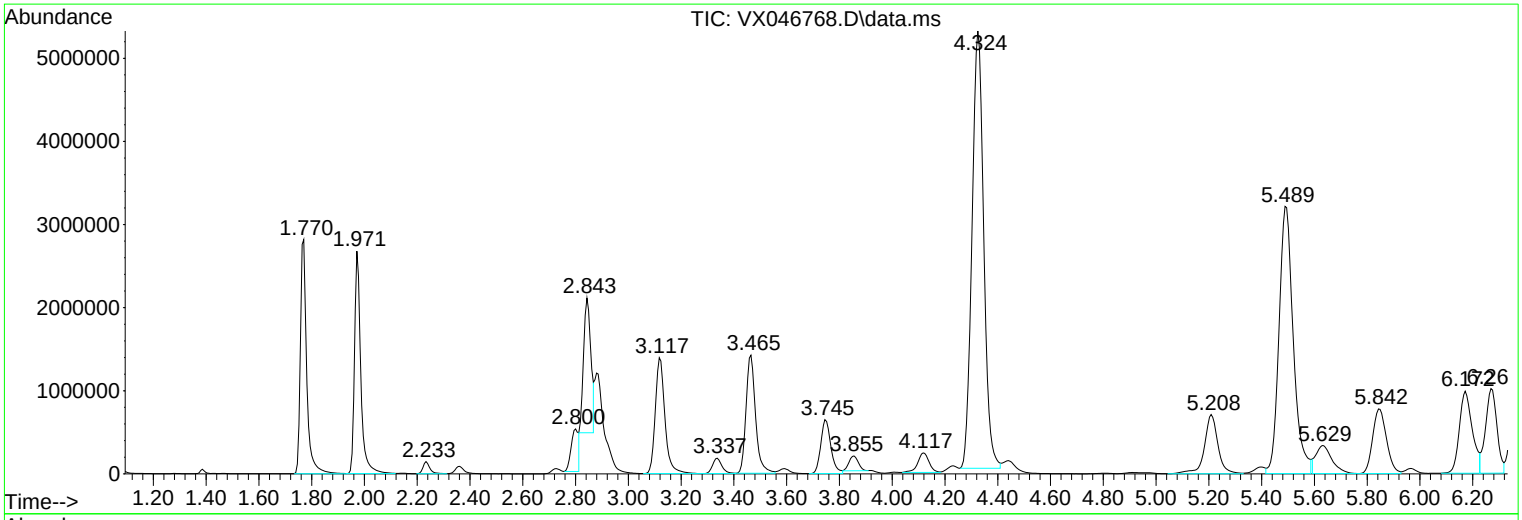
Sample Results: **VX046768.D**

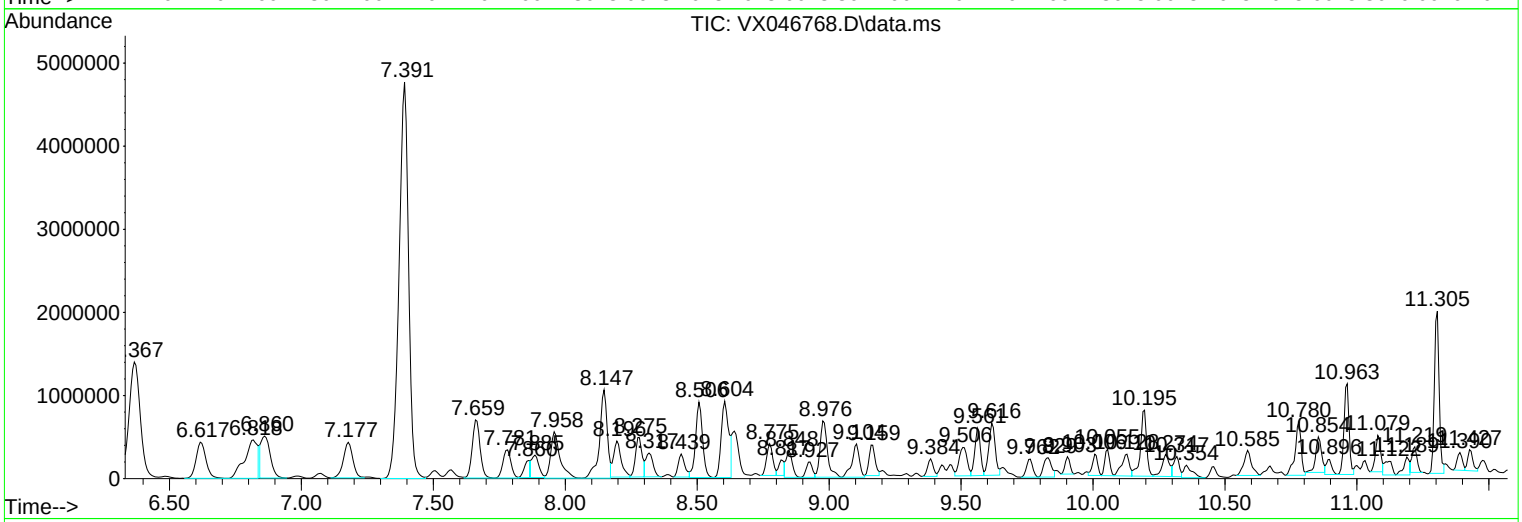
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

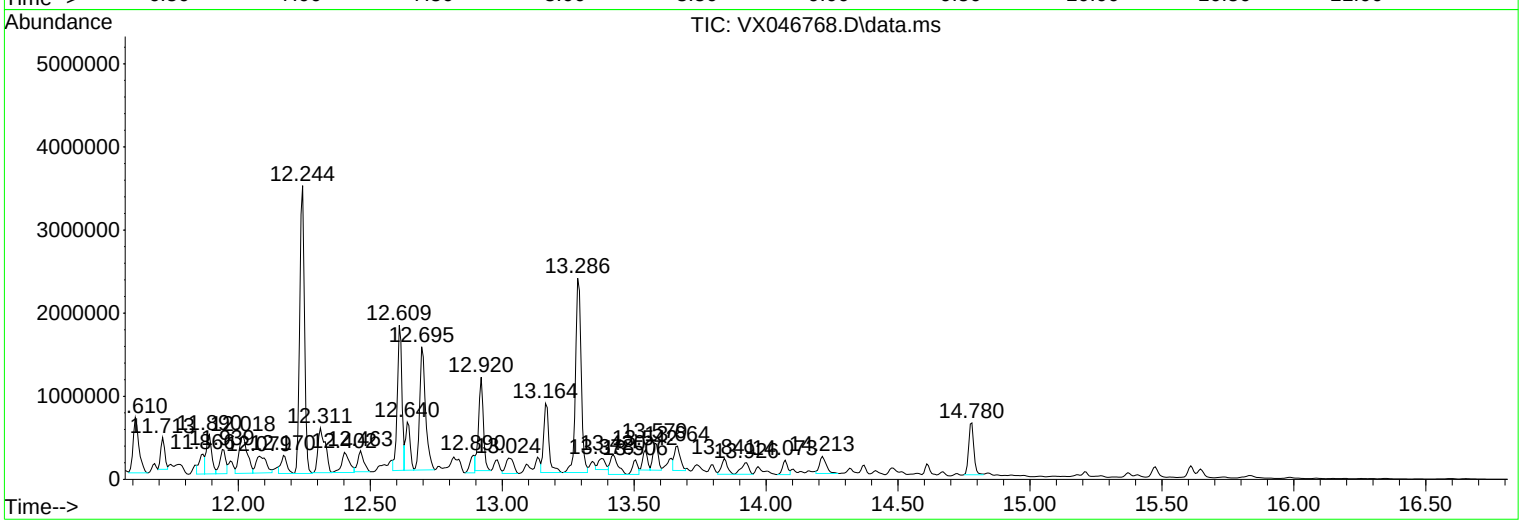
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

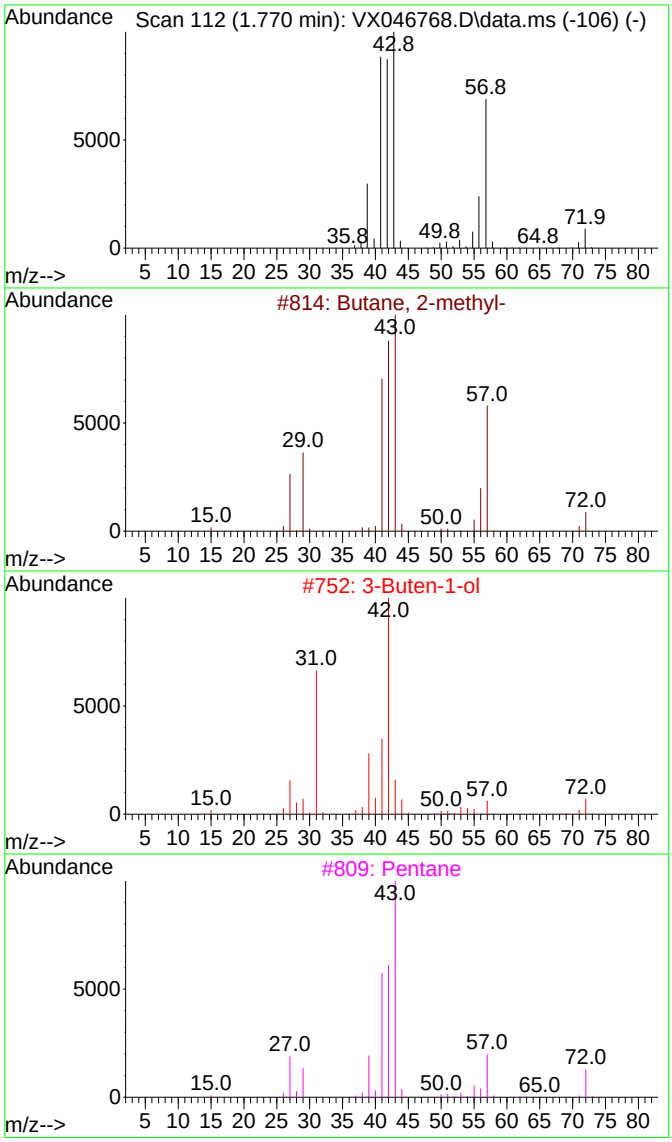
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

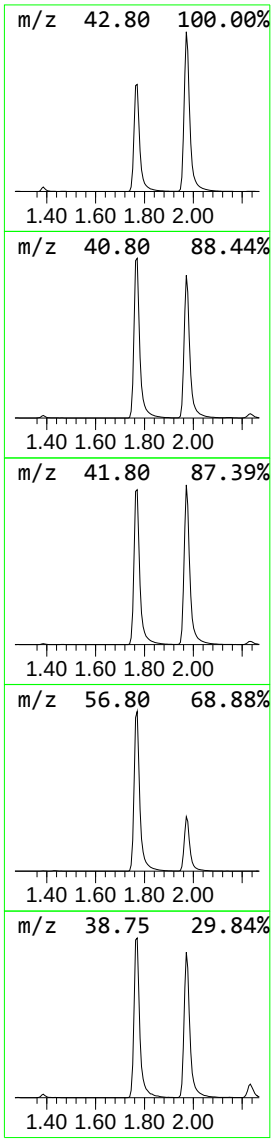
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.770	167.61 ug/l	4695570	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	45
4	1-Butene	56	C4H8	000106-98-9	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

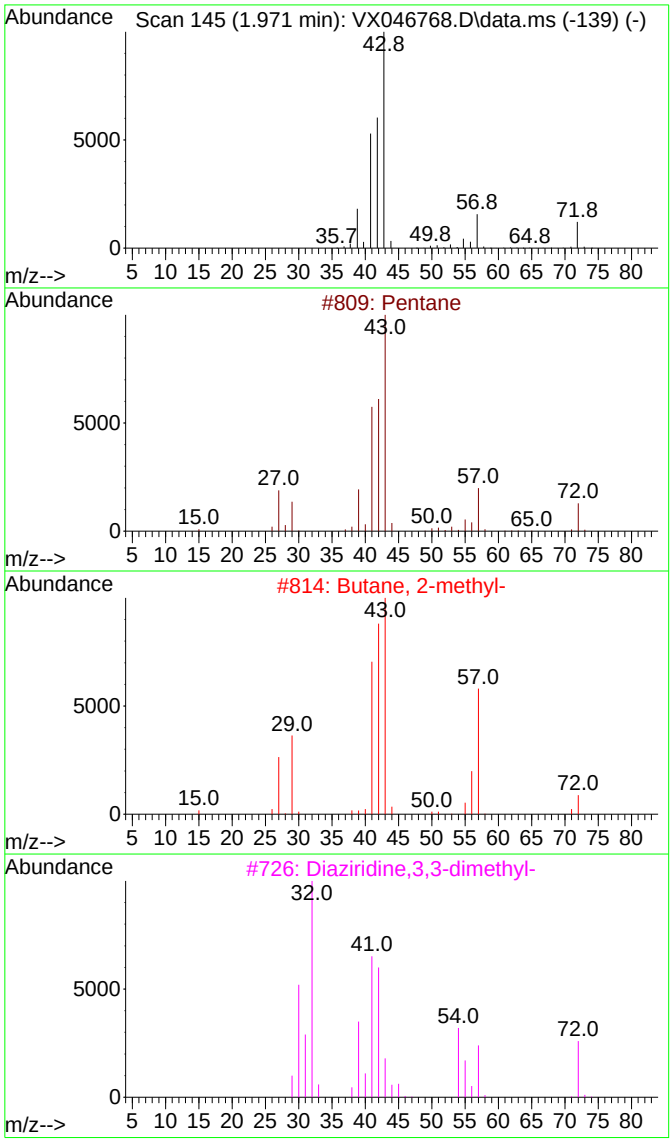
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

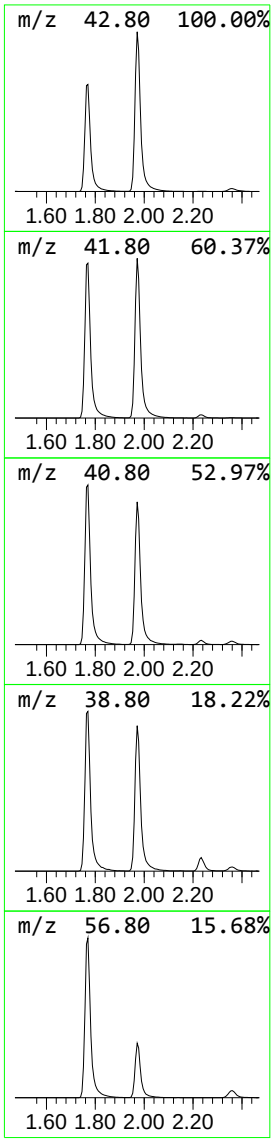
****

Peak Number 2 Pentane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.971	157.76 ug/l	4419710	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	50
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	35
4	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	9
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	9





```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On    : 19 Jun 2025  13:36
Operator  : JC/MD
Sample    : Q2363-02
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 12   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title  : SW846 8260

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

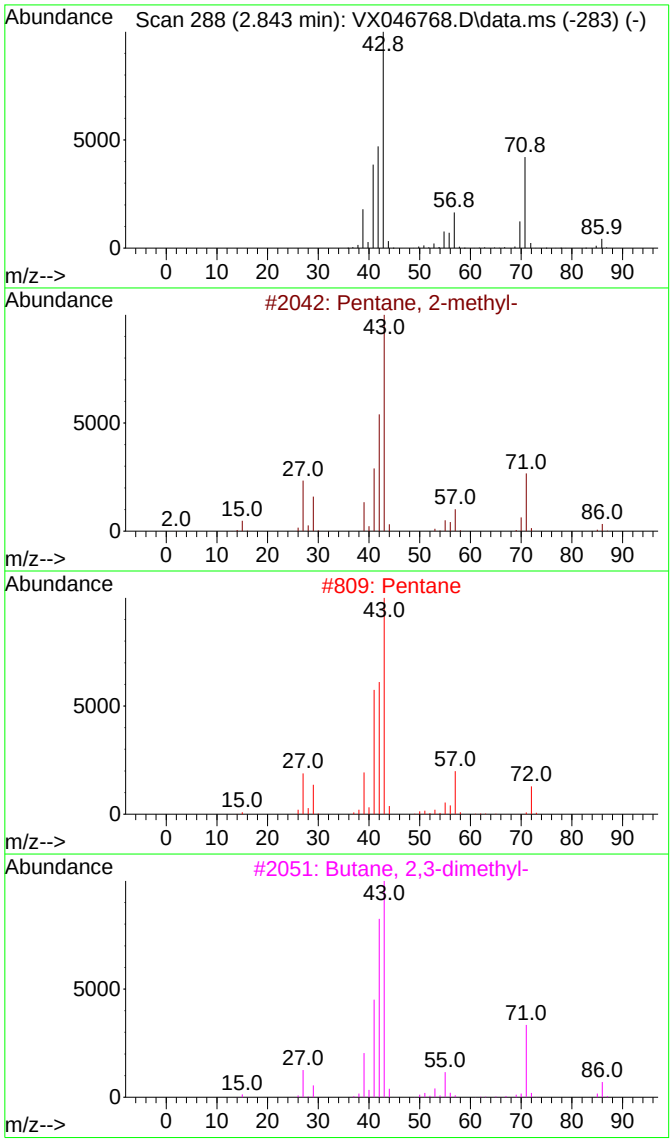
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

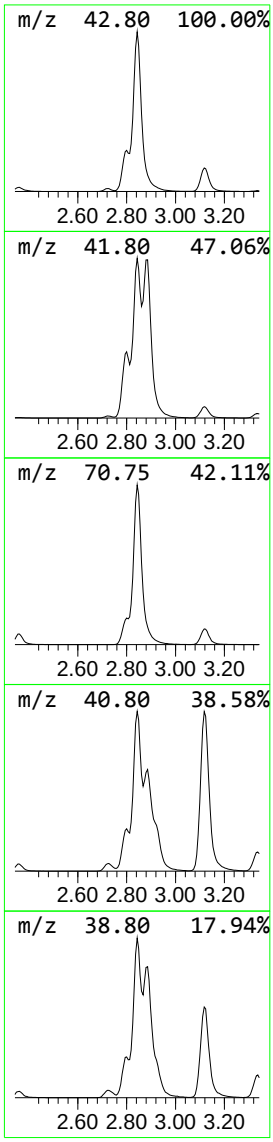
****

Peak Number 3 Pentane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.843	111.41 ug/l	3121000	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane	72	C5H12	000109-66-0	46
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

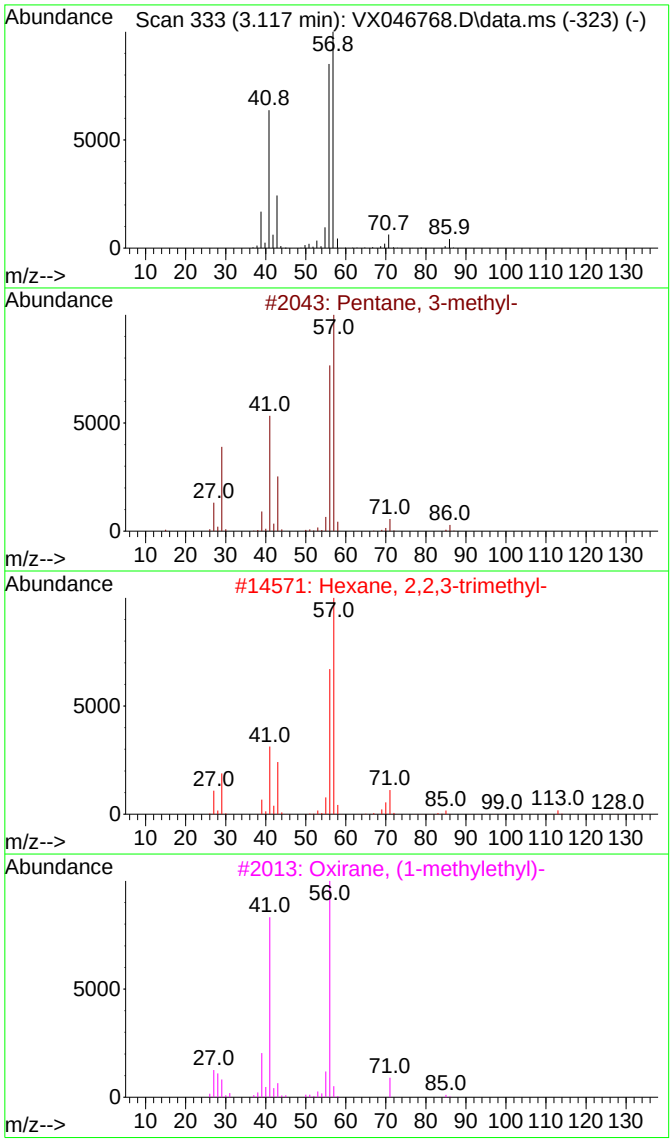
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

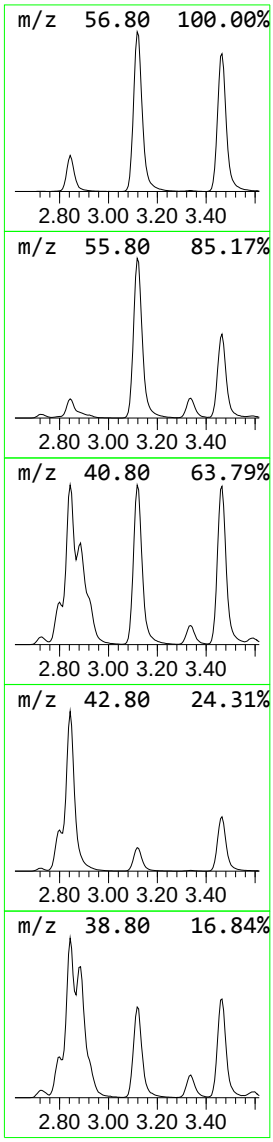
****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	126.32 ug/l	3538900	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

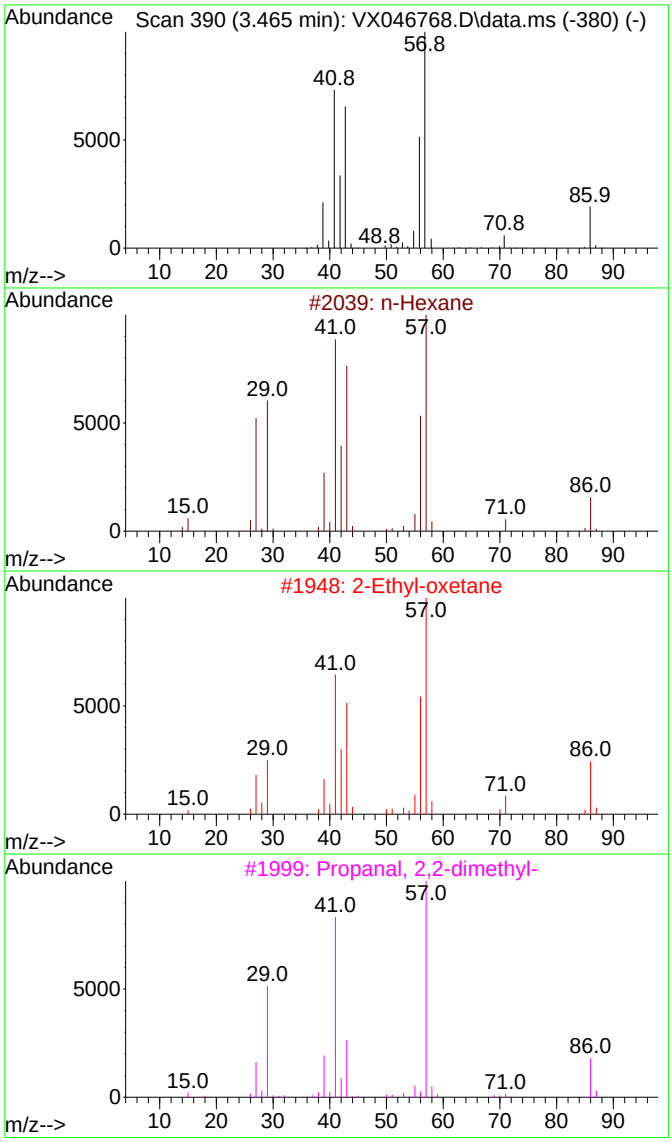
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

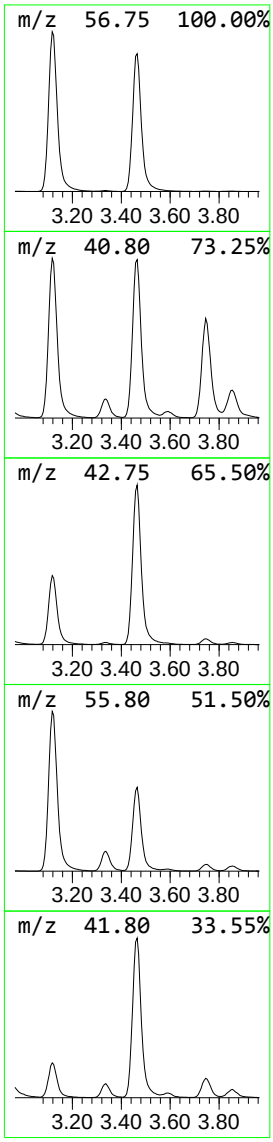
****

Peak Number 5 n-Hexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.465	127.71 ug/l	3577830	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	56
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

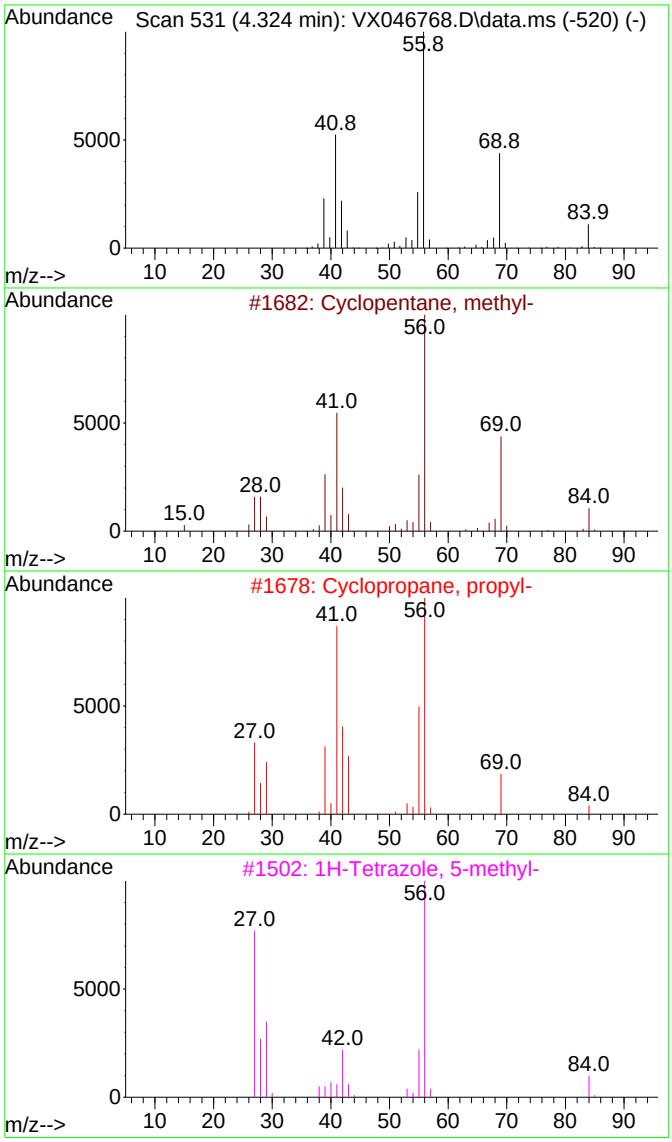
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

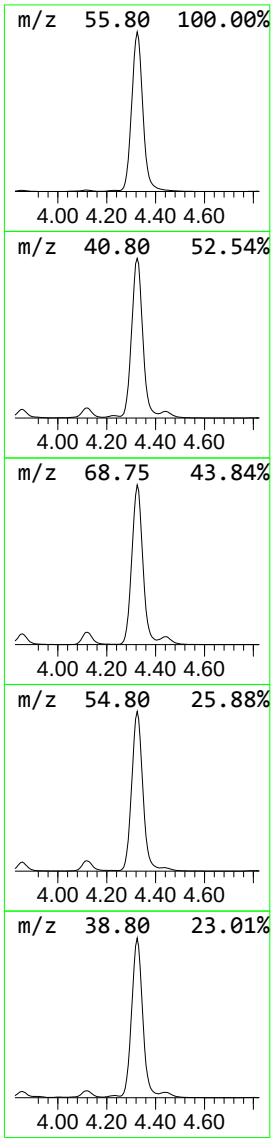
****

Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.324	578.88 ug/l	16217200	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclohexane	84	C6H12	000110-82-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

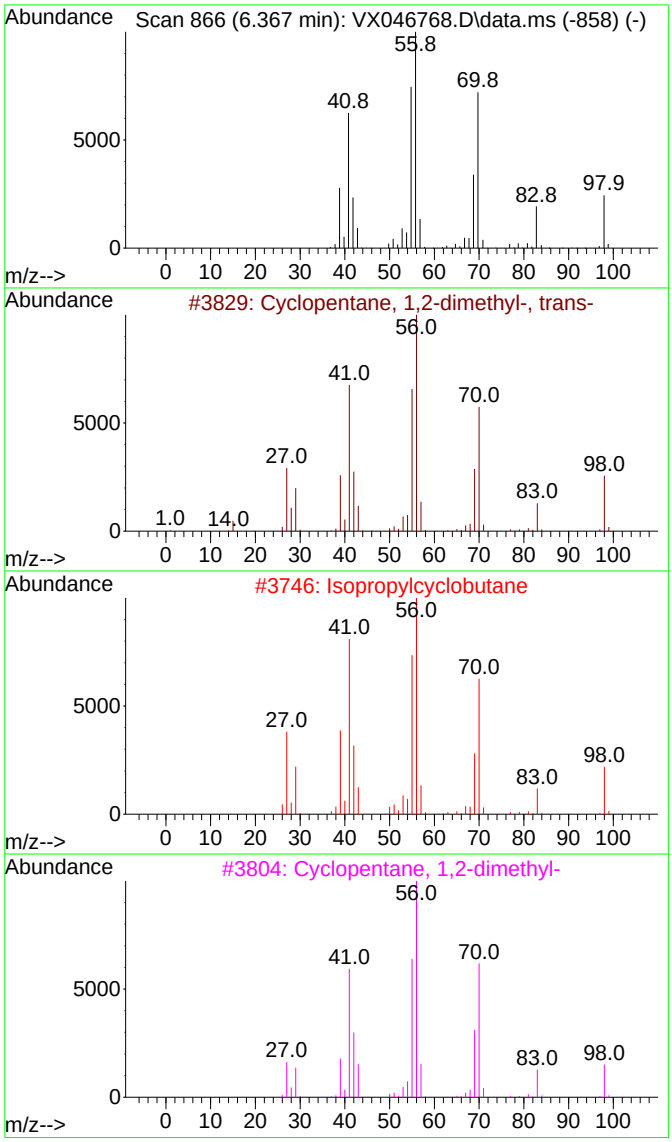
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

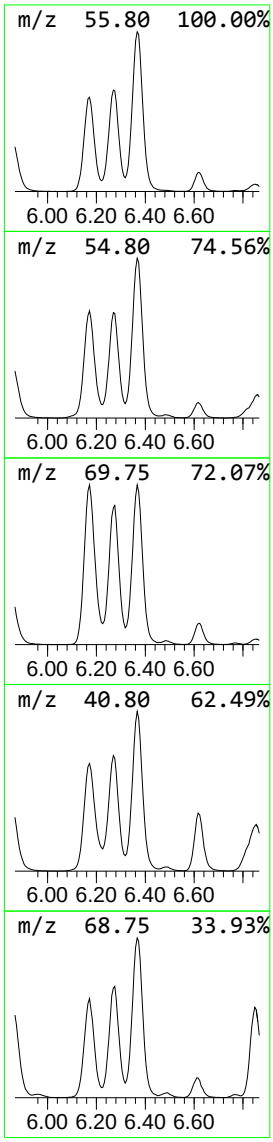
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.367	129.44 ug/l	4136970	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

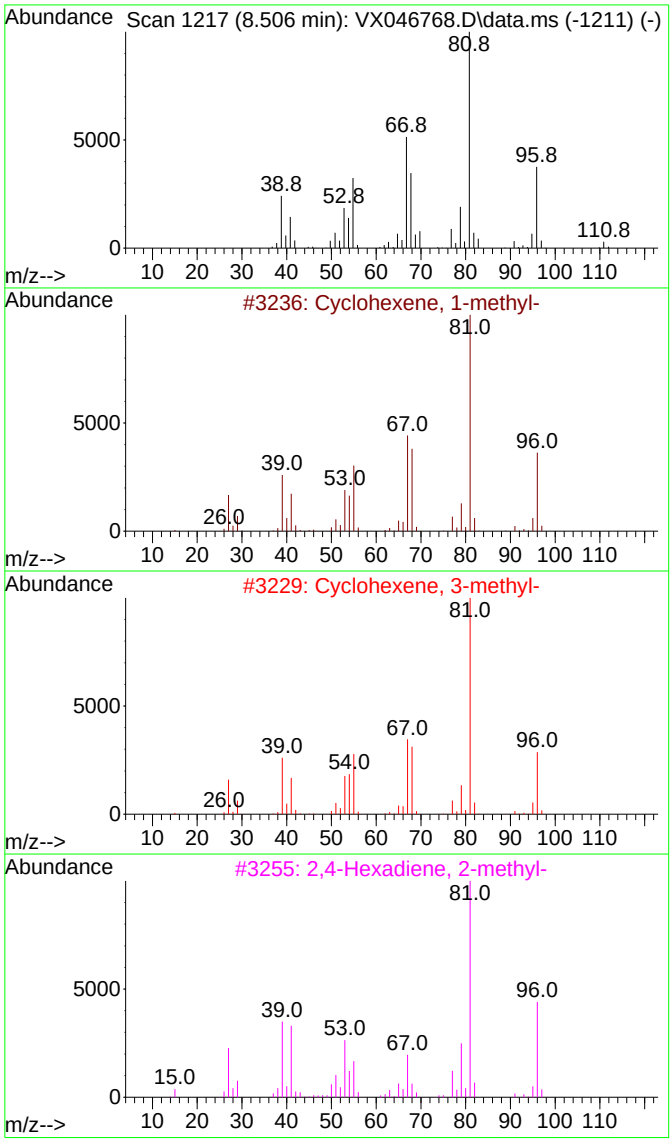
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

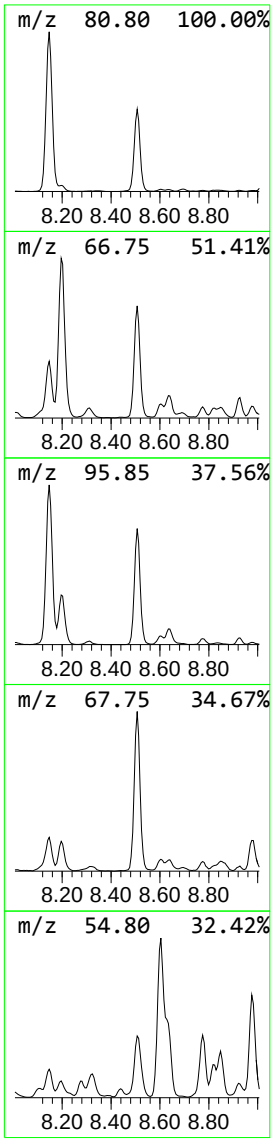
****

Peak Number 8 Cyclohexene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.506	200.21 ug/l	1652570	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

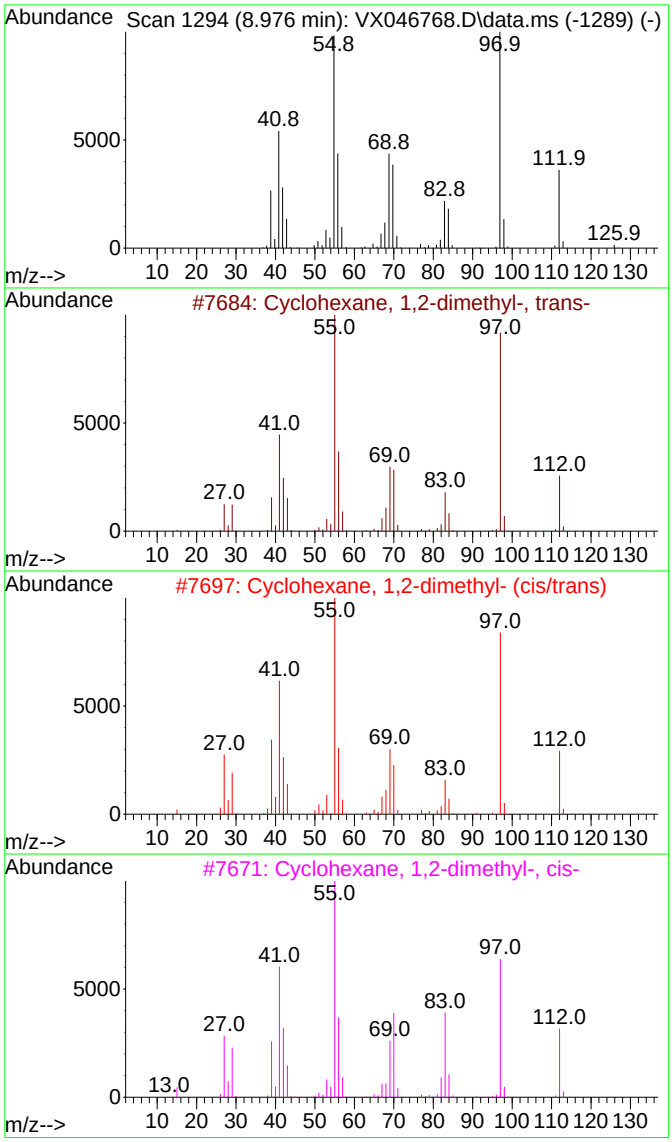
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

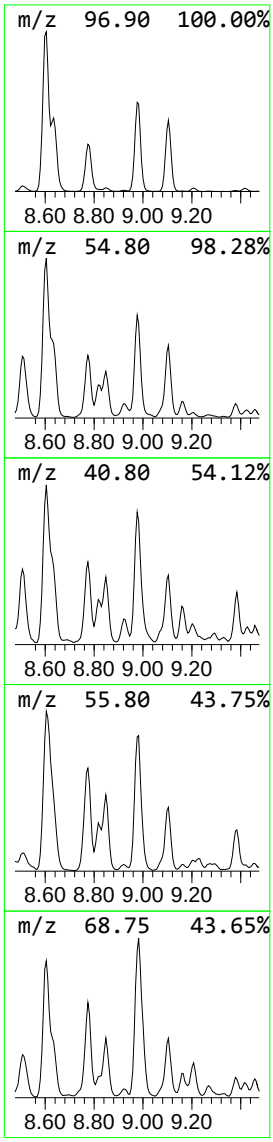
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.976	157.85 ug/l	1302940	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	80
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

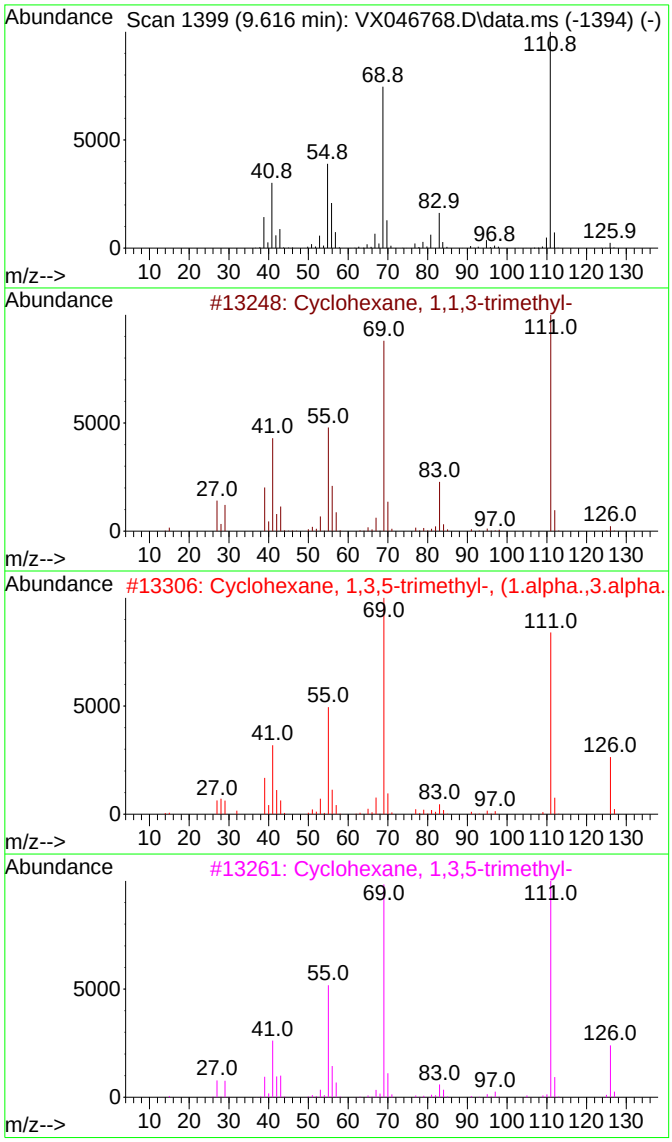
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

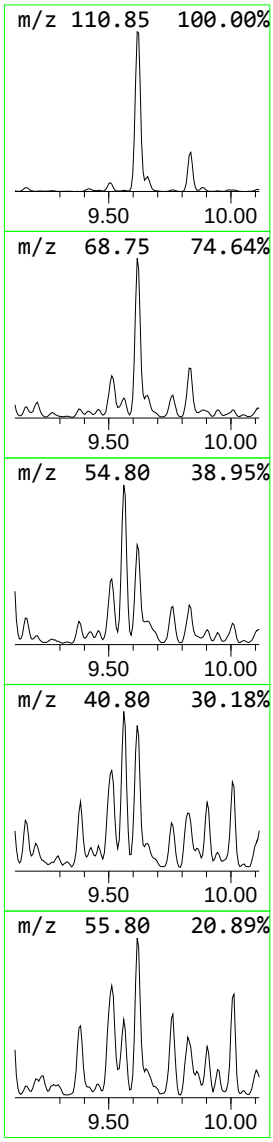
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	130.69 ug/l	1078710	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	56
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

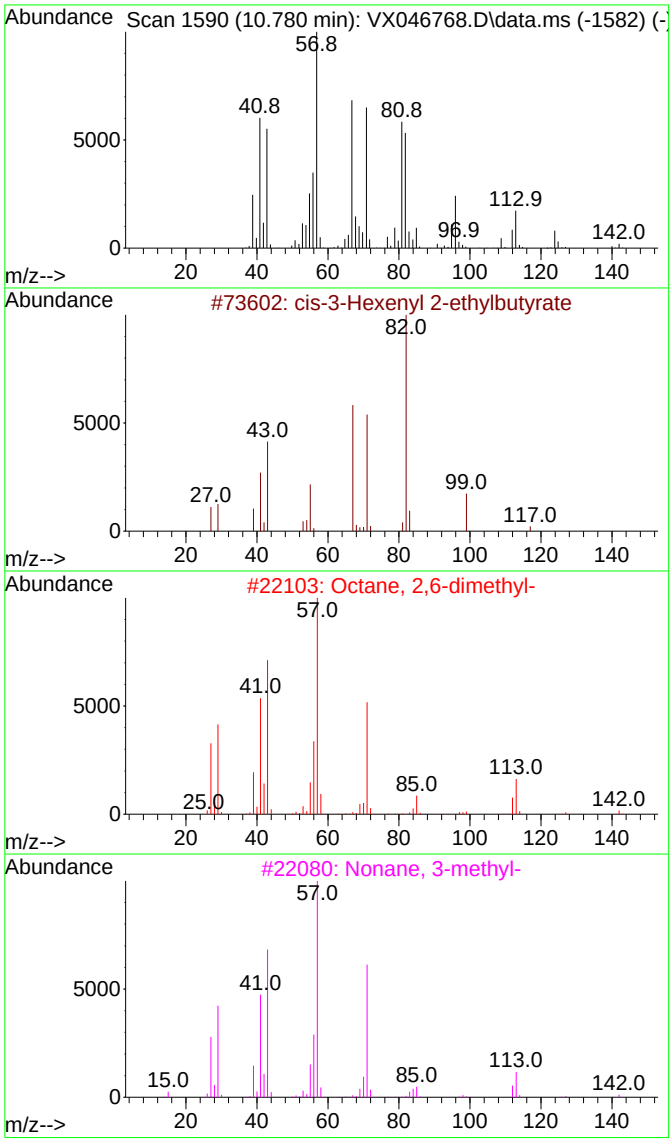
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

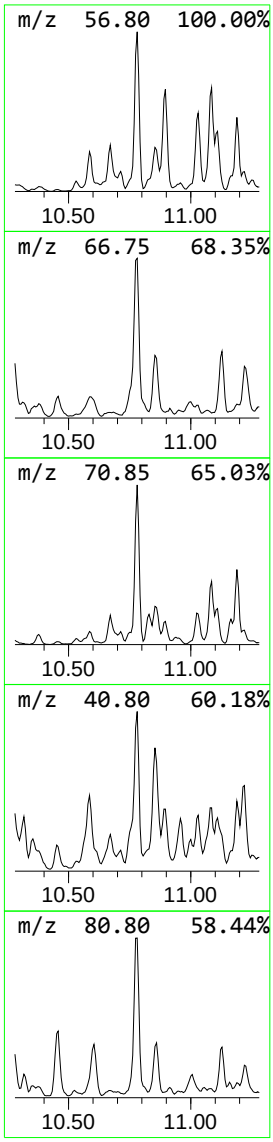
****

Peak Number 11 unknown10.780 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	123.70 ug/l	1021030	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Hexenyl 2-ethylbutyrate	198	C12H22O2	1000433-24-6	46
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
4	Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	016491-36-4	43
5	Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	053398-84-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

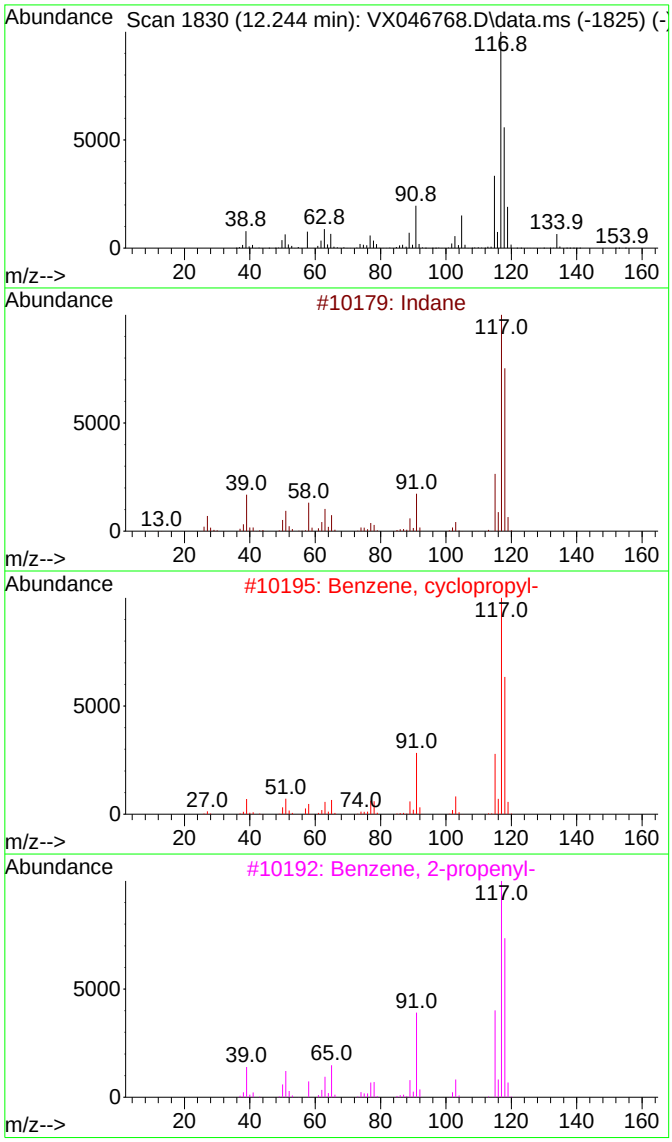
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

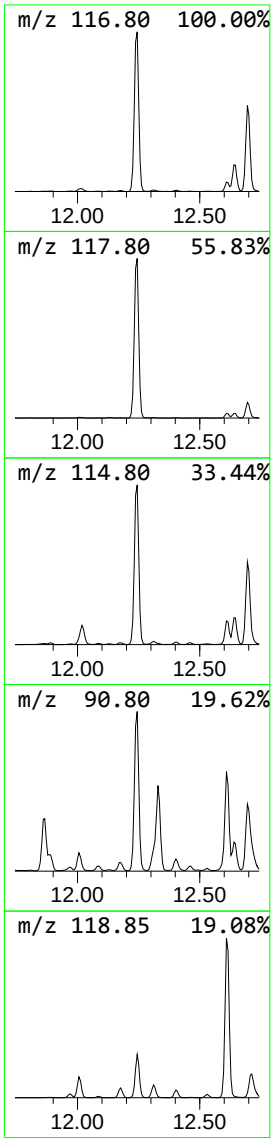
****

Peak Number 12 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	222.84 ug/l	4359370	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

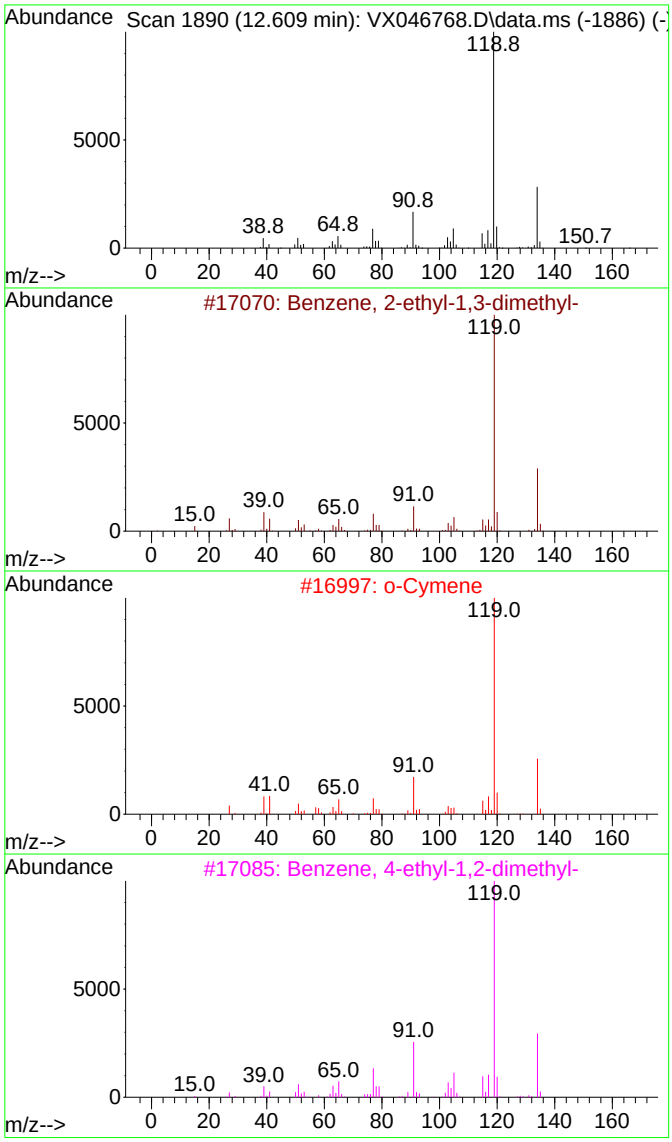
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

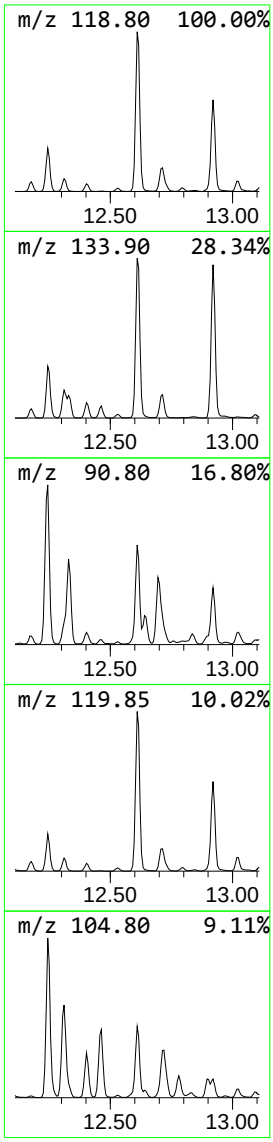
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.609	109.93 ug/l	2150450	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

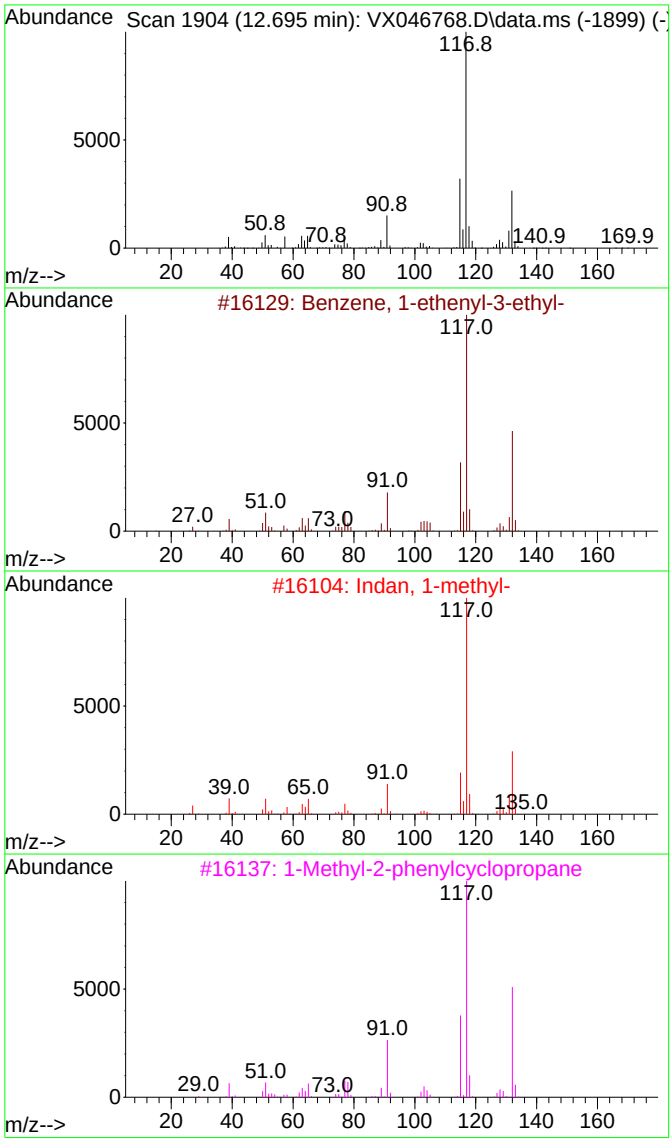
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

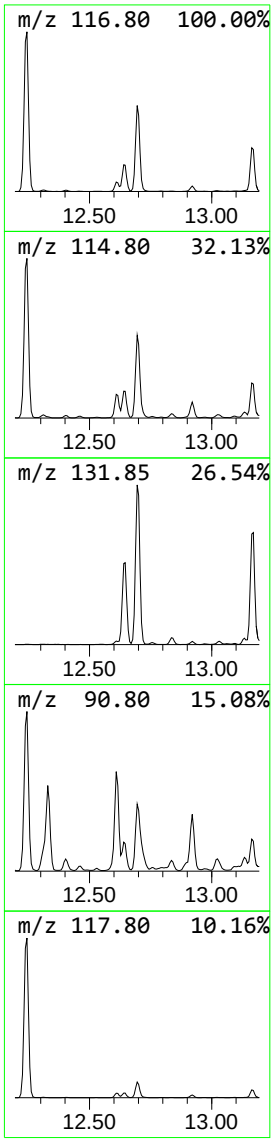
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	117.40 ug/l	2296630	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

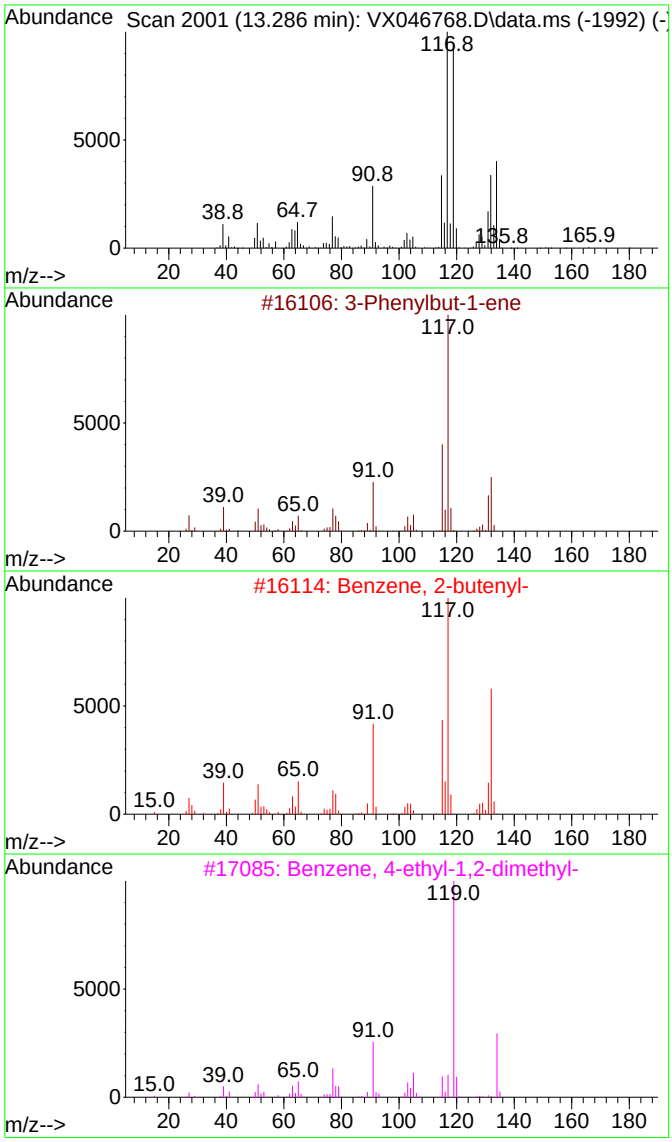
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

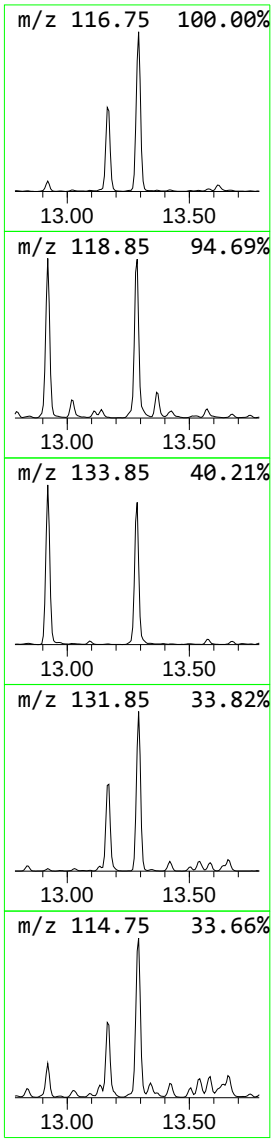
****

Peak Number 15 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	176.24 ug/l	3447770	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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
Butane, 2-methyl-	1.770	167.6	ug/l	4695570	1	5.562	1400750	50.0
Pentane	1.971	157.8	ug/l	4419710	1	5.562	1400750	50.0
Pentane, 2-methyl-	2.843	111.4	ug/l	3121000	1	5.562	1400750	50.0
Pentane, 3-methyl-	3.117	126.3	ug/l	3538900	1	5.562	1400750	50.0
n-Hexane	3.465	127.7	ug/l	3577830	1	5.562	1400750	50.0
Cyclopentane, m...	4.324	578.9	ug/l	16217200	1	5.562	1400750	50.0
Cyclopentane, 1...	6.367	129.4	ug/l	4136970	2	6.769	1598070	50.0
Cyclohexene, 1-...	8.506	200.2	ug/l	1652570	3	10.055	412712	50.0
Cyclohexane, 1,...	8.976	157.8	ug/l	1302940	3	10.055	412712	50.0
Cyclohexane, 1,...	9.616	130.7	ug/l	1078710	3	10.055	412712	50.0
unknown10.780	10.780	123.7	ug/l	1021030	3	10.055	412712	50.0
Indane	12.244	222.8	ug/l	4359370	4	12.018	978131	50.0
Benzene, 2-ethy...	12.609	109.9	ug/l	2150450	4	12.018	978131	50.0
Benzene, 1-ethe...	12.695	117.4	ug/l	2296630	4	12.018	978131	50.0
3-Phenylbut-1-ene	13.286	176.2	ug/l	3447770	4	12.018	978131	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087127.D
Acq On : 20 Jun 2025 11:01
Operator : JC\MD
Sample : Q2363-02DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Quant Time: Jun 20 23:01:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

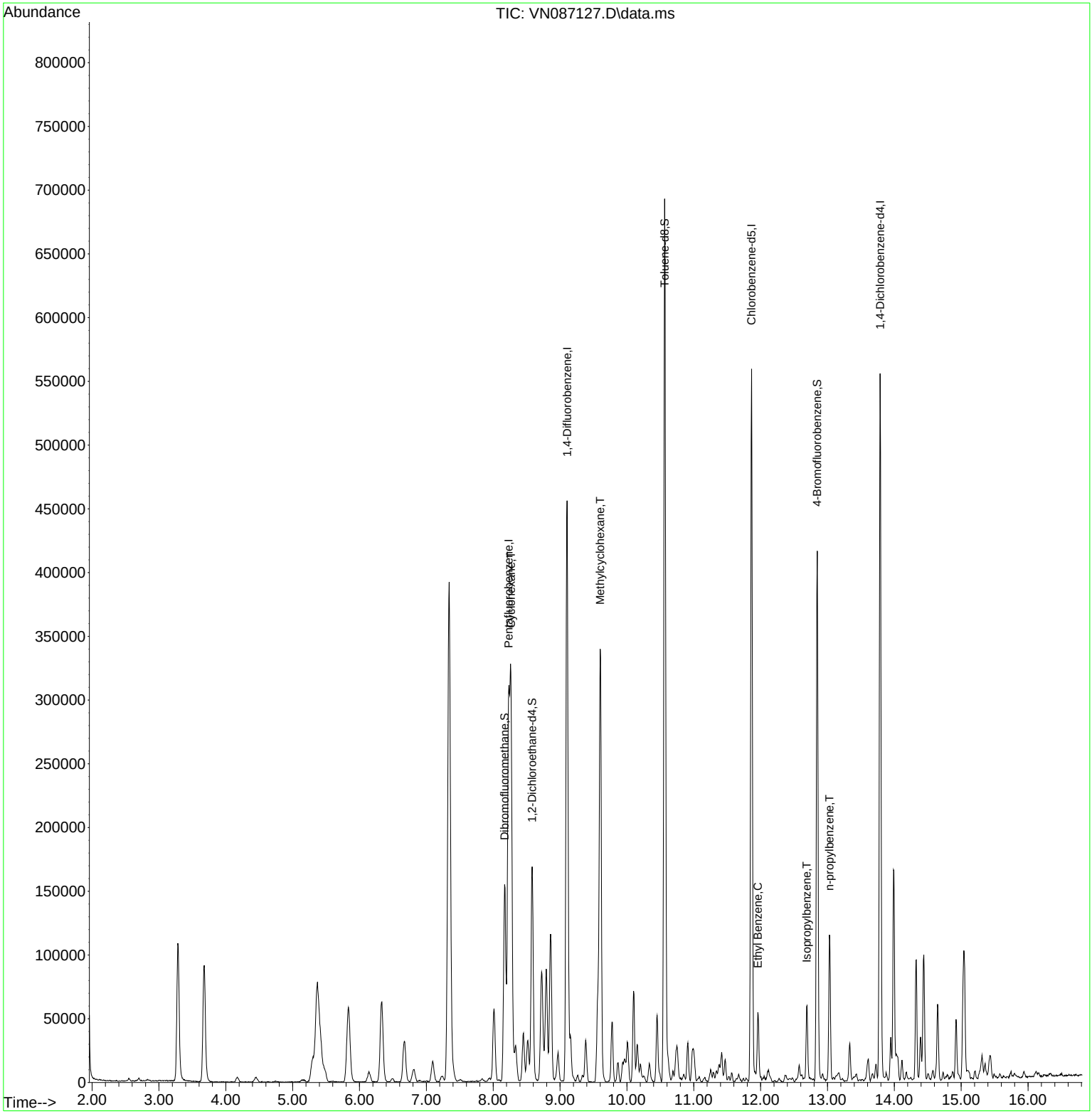
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	192434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	385508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	140152	54.397	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.800%			
35) Dibromofluoromethane	8.171	113	119250	52.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.400%			
50) Toluene-d8	10.565	98	483437	53.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.900%			
62) 4-Bromofluorobenzene	12.847	95	167707	49.910	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.820%			
Target Compounds						Qvalue
31) Cyclohexane	8.265	56	189948	45.455	ug/l	94
39) Methylcyclohexane	9.600	83	166852	35.774	ug/l	95
67) Ethyl Benzene	11.959	91	32283	2.450	ug/l	98
73) Isopropylbenzene	12.688	105	42552	3.571	ug/l	99
78) n-propylbenzene	13.029	91	96400	6.658	ug/l	99

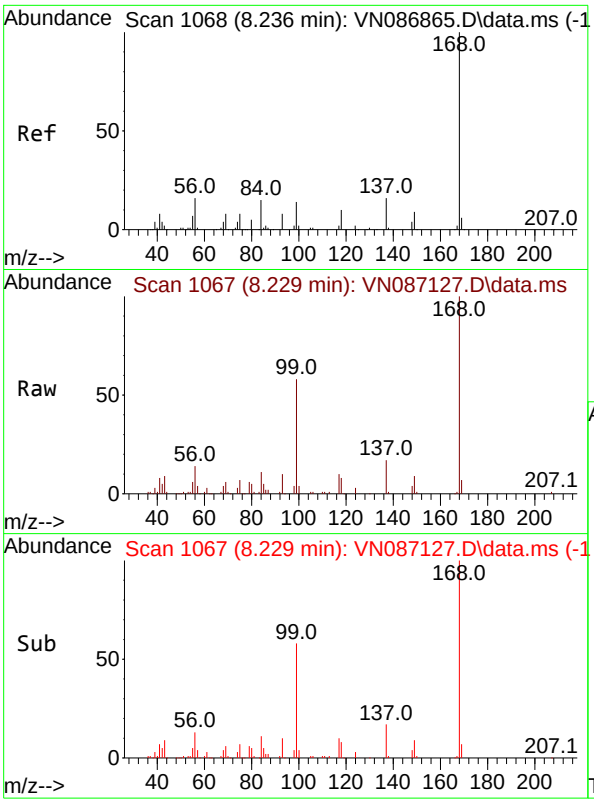
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087127.D
Acq On : 20 Jun 2025 11:01
Operator : JC\MD
Sample : Q2363-02DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Quant Time: Jun 20 23:01:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



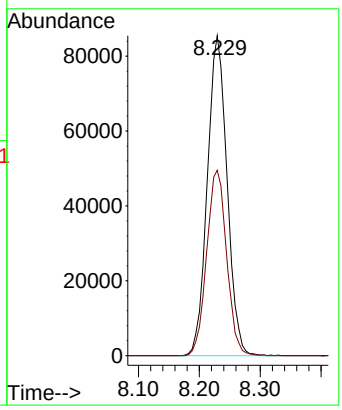


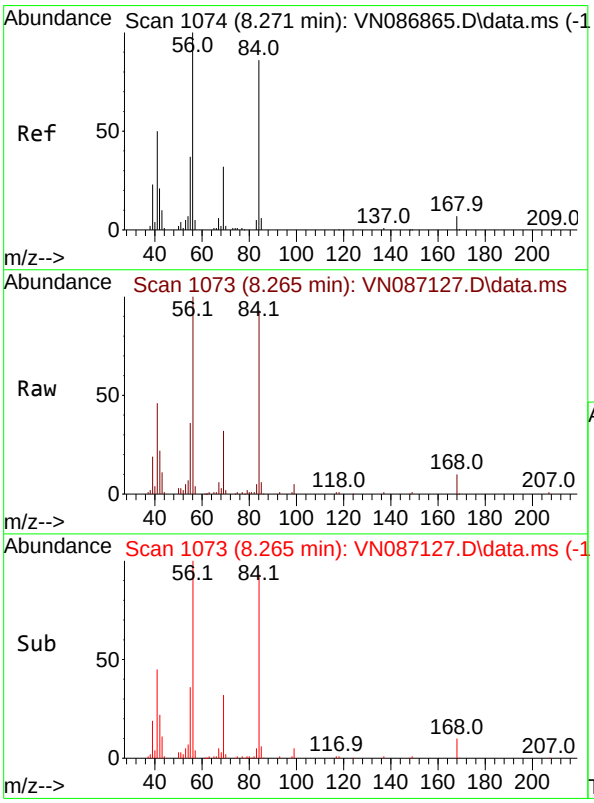
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:168 Resp: 192434

Ion	Ratio	Lower	Upper
168	100		
99	58.0	49.1	73.7

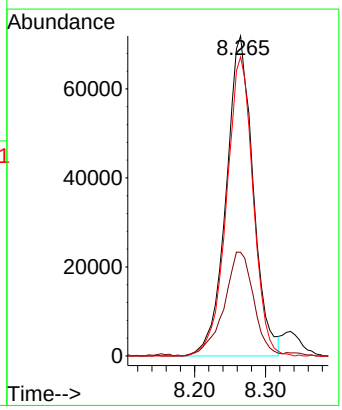


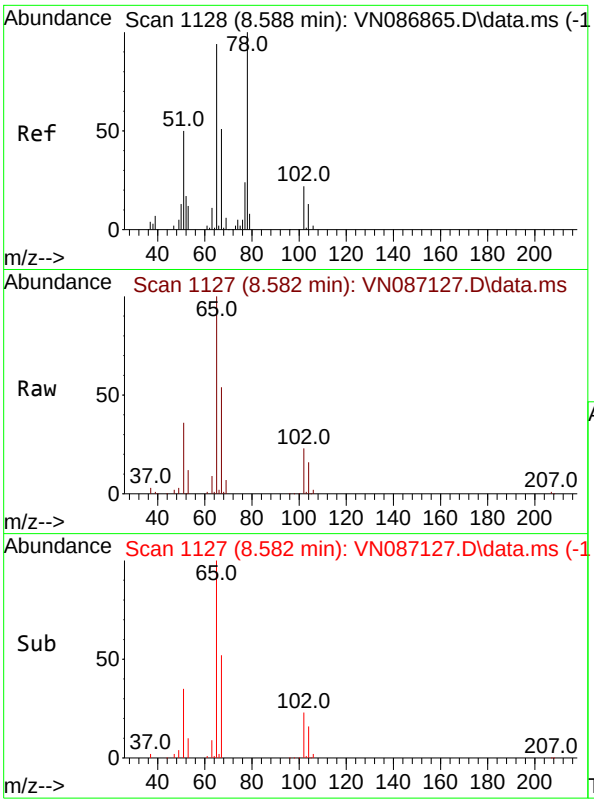


#31
Cyclohexane
Concen: 45.455 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 56 Resp: 189948

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.4	38.0
84	93.4	68.8	103.2



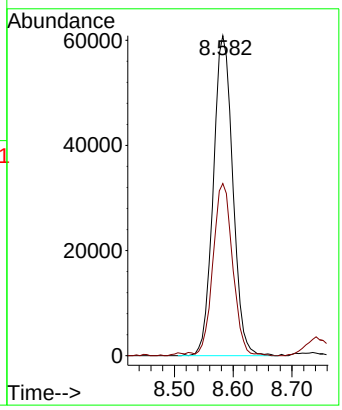


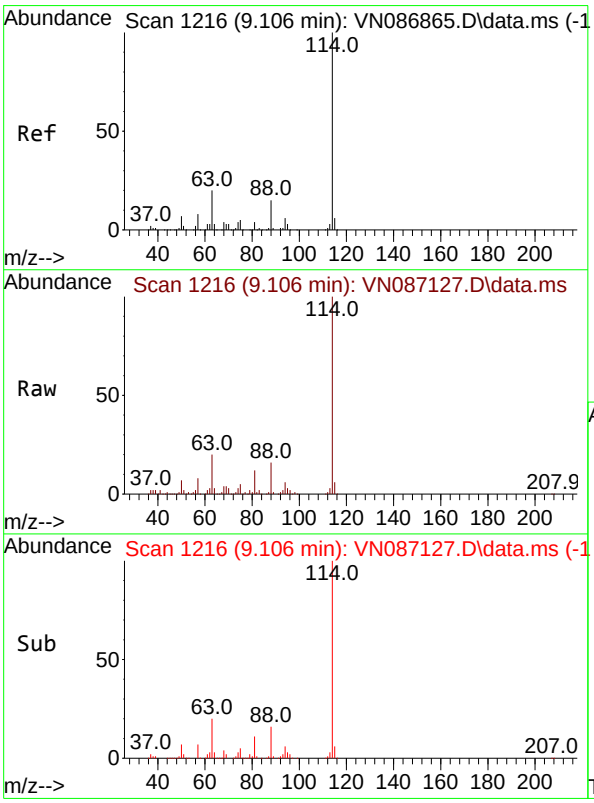
#33
1,2-Dichloroethane-d4
Concen: 54.397 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion: 65 Resp: 140152

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.6

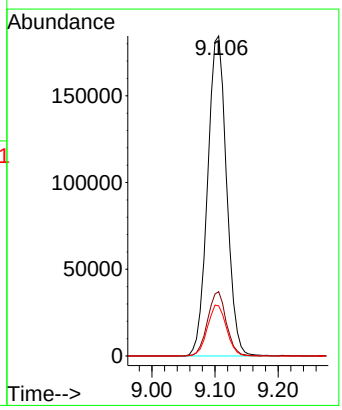


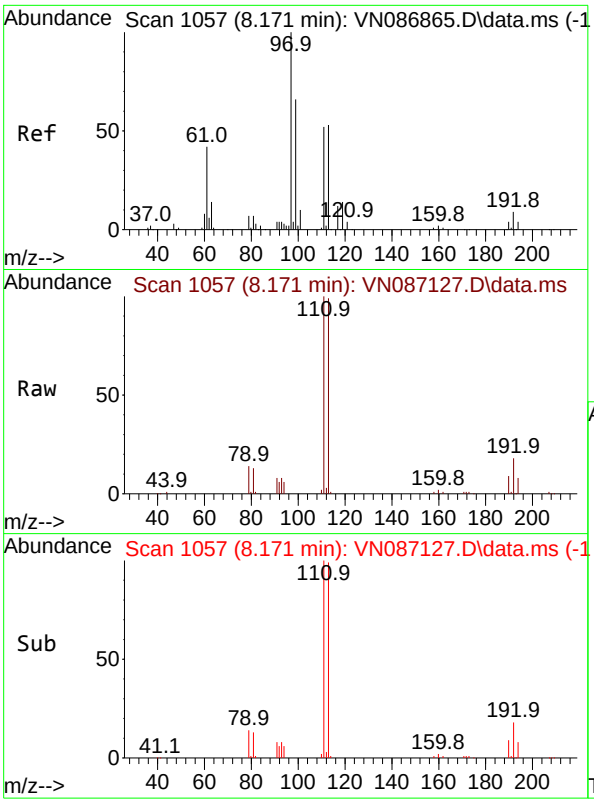


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion:114 Resp: 385508

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.7	0.0	30.2



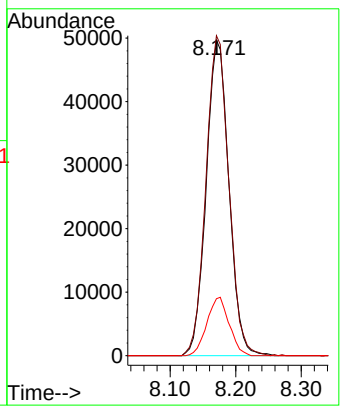


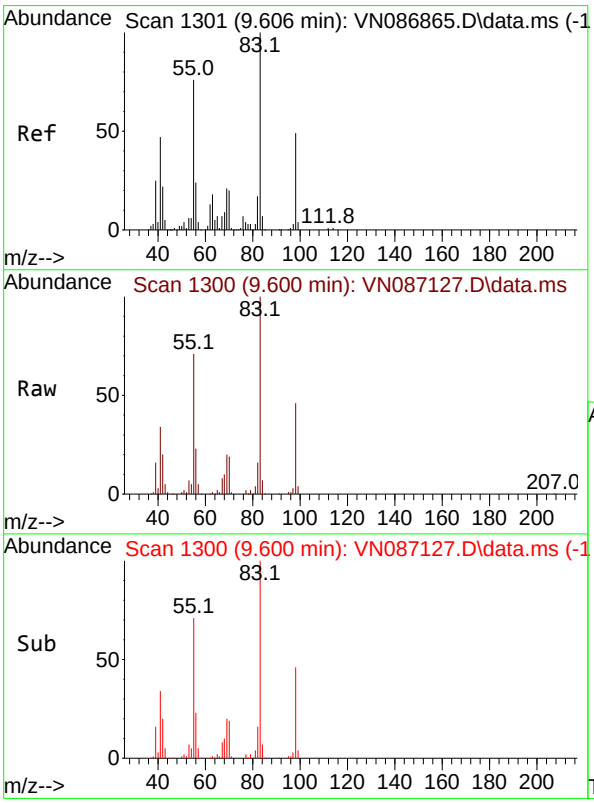
#35
Dibromofluoromethane
Concen: 52.197 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:113 Resp: 119250

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.2	126.2
192	18.2	14.2	21.4

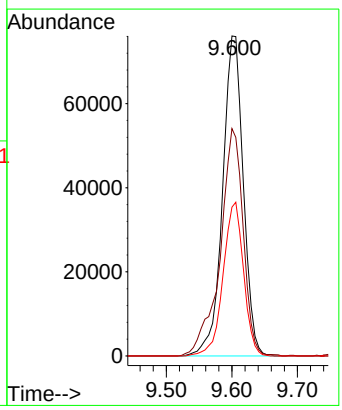


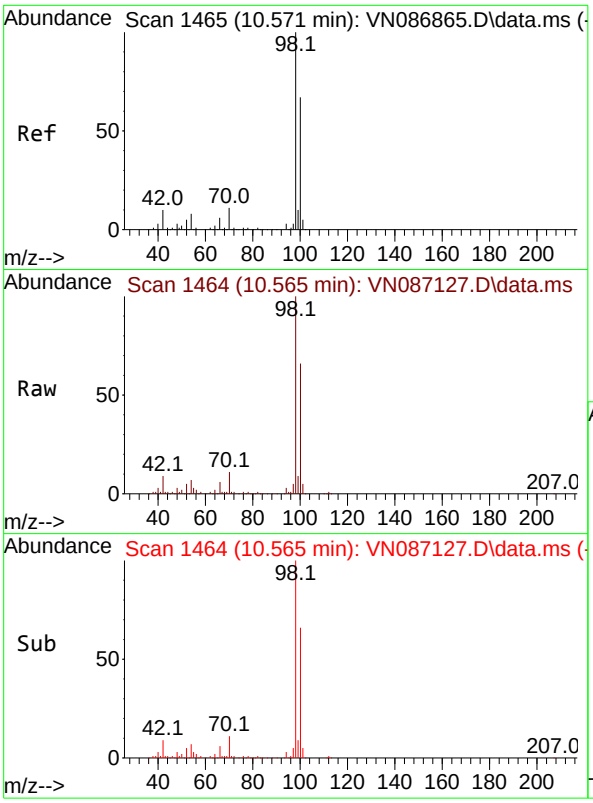


#39
Methylcyclohexane
Concen: 35.774 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 83 Resp: 166852

Ion	Ratio	Lower	Upper
83	100		
55	71.0	61.0	91.6
98	46.5	38.9	58.3



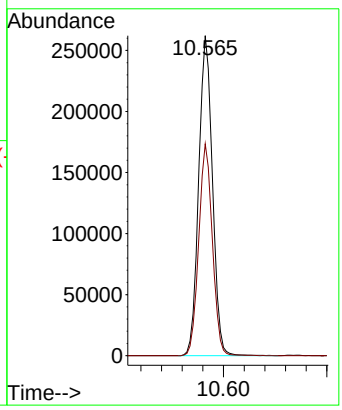


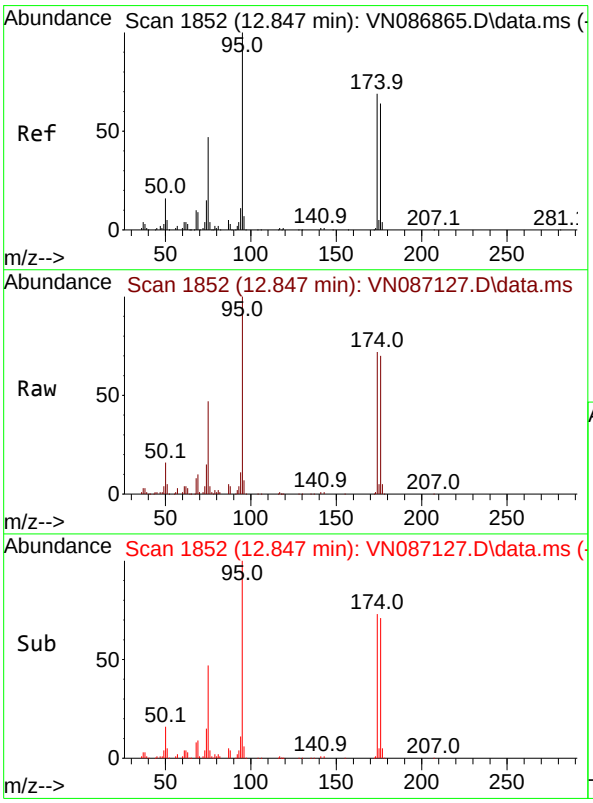
#50
Toluene-d8
Concen: 53.453 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion: 98 Resp: 483437

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.0

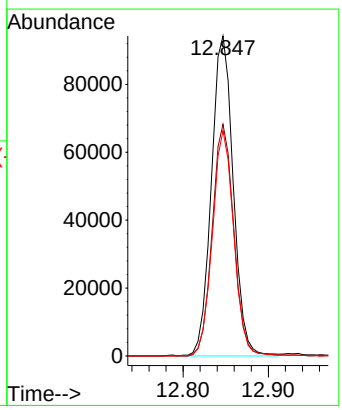


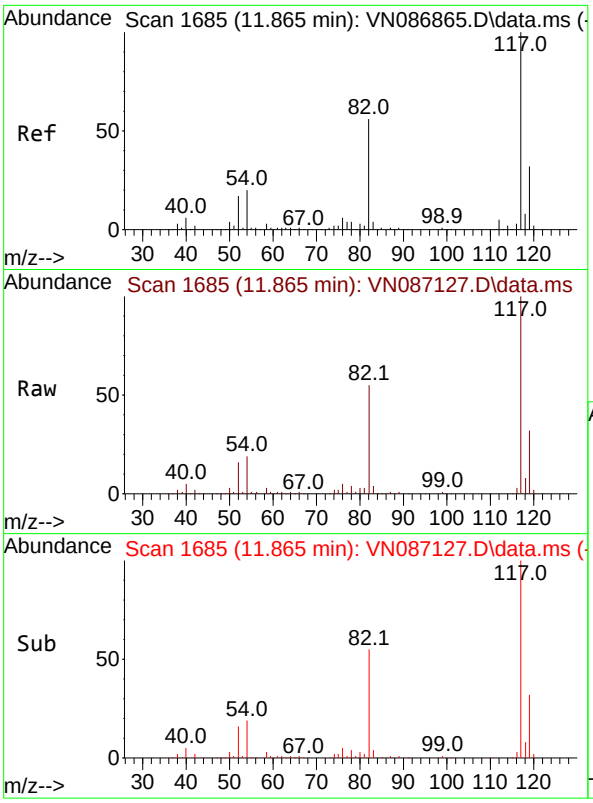


#62
4-Bromofluorobenzene
Concen: 49.910 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 95 Resp: 167707

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	141.8
176	68.7	0.0	132.6



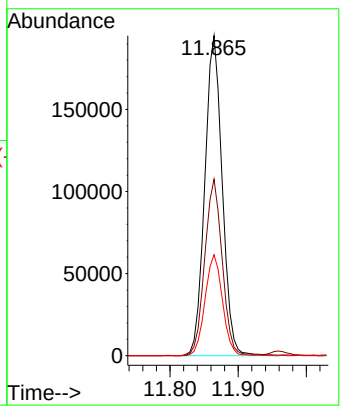


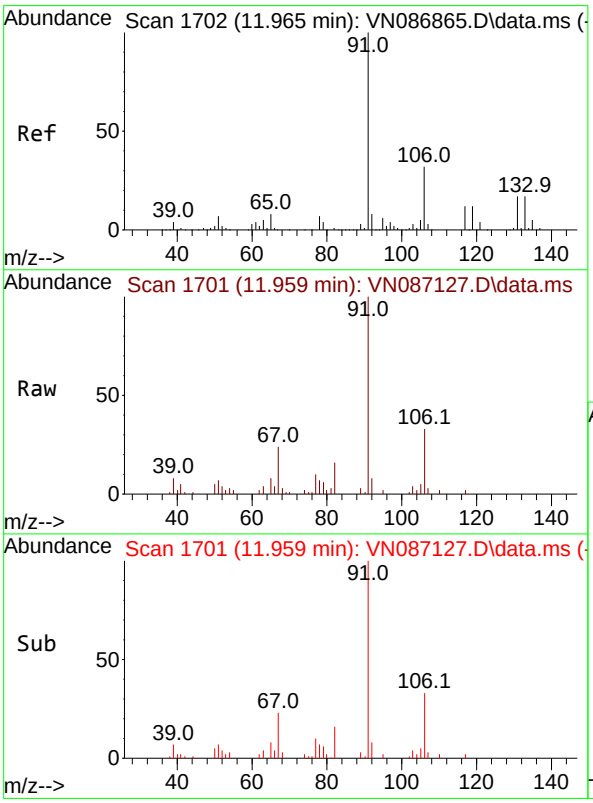
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:117 Resp: 346901

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	31.6	25.5	38.3

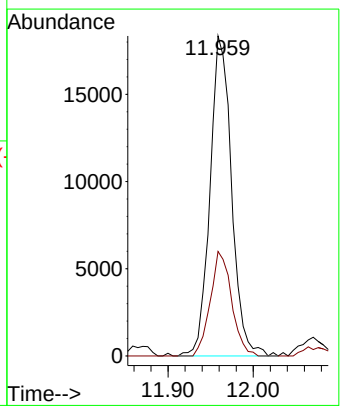


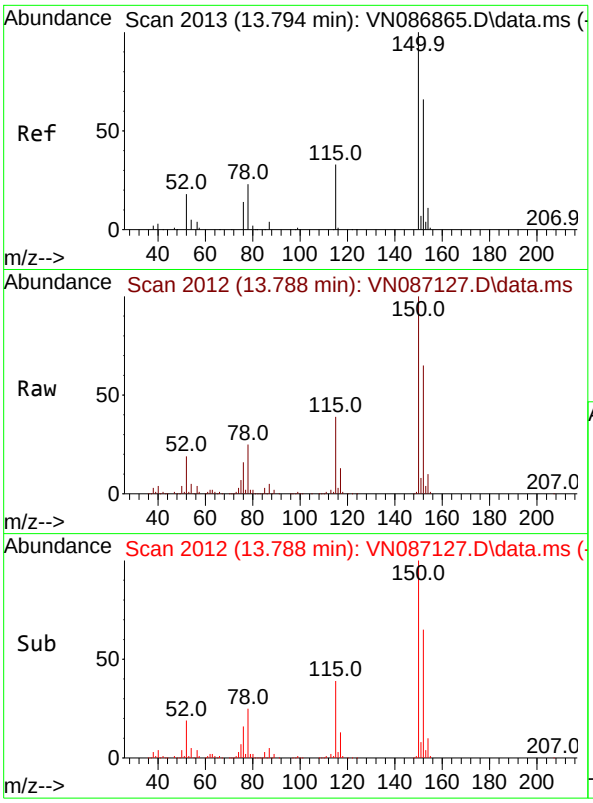


#67
Ethyl Benzene
Concen: 2.450 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 91 Resp: 32283

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.4	38.2



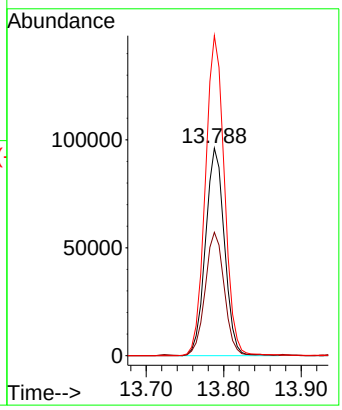


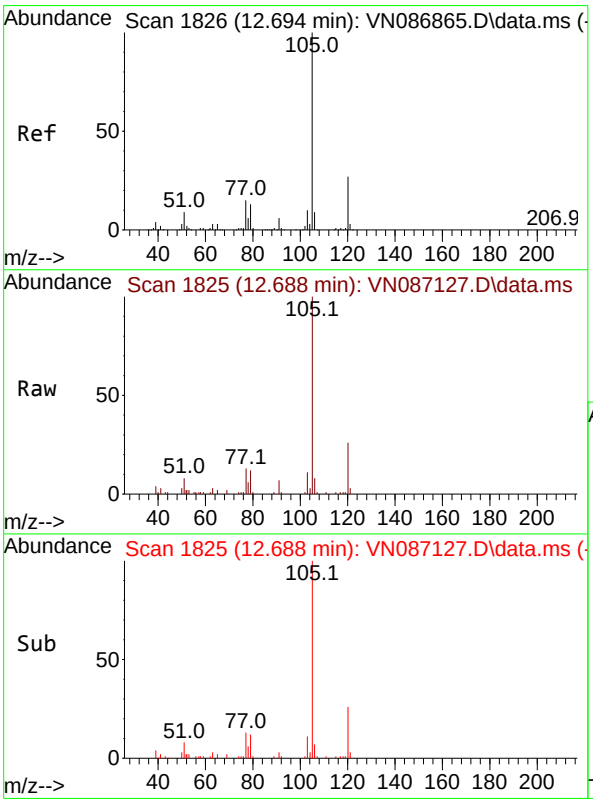
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion:152 Resp: 163544

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	155.1	0.0	345.0

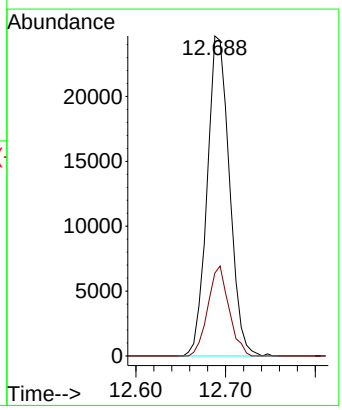


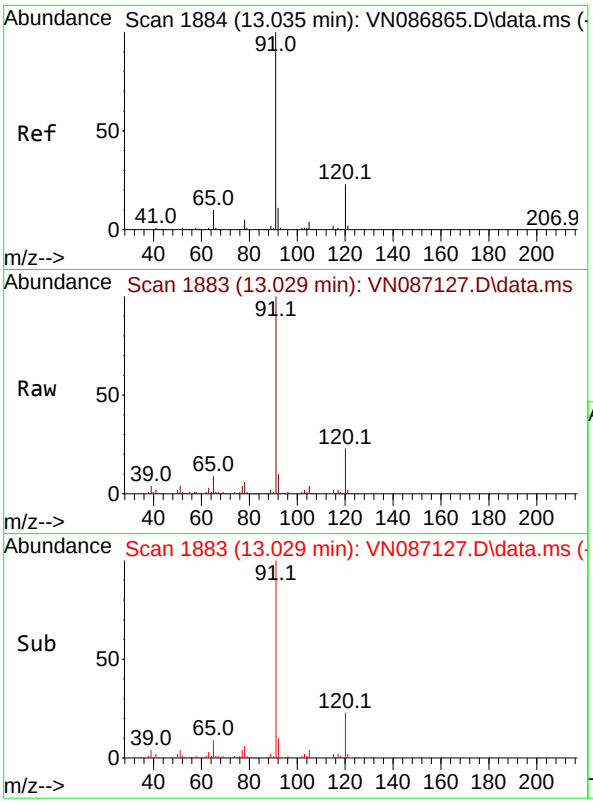


#73
Isopropylbenzene
Concen: 3.571 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion:105 Resp: 42552

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4



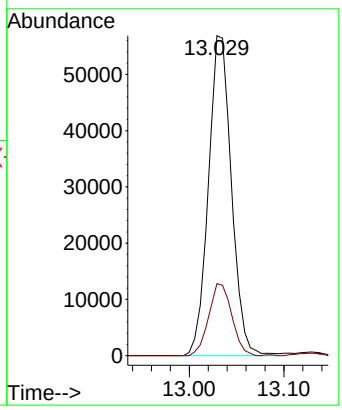


#78
n-propylbenzene
Concen: 6.658 ug/l
RT: 13.029 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

Tgt Ion: 91 Resp: 96400

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Time: Jun 20 22:59:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	161603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113749	52.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	8.177	113	97796	51.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	10.565	98	396963	52.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.800%			
62) 4-Bromofluorobenzene	12.847	95	133565	47.908	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.820%			

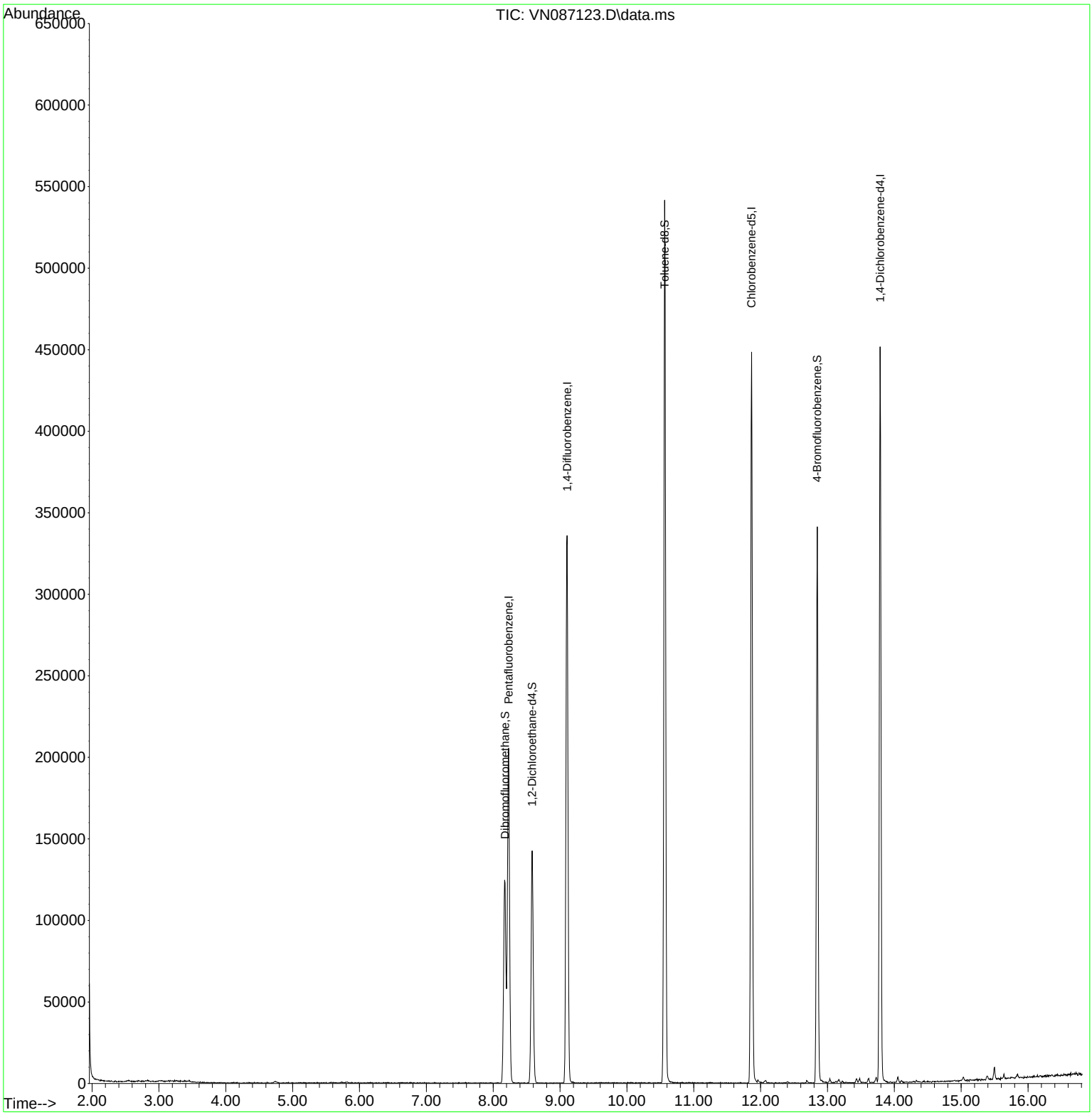
Target Compounds Qvalue

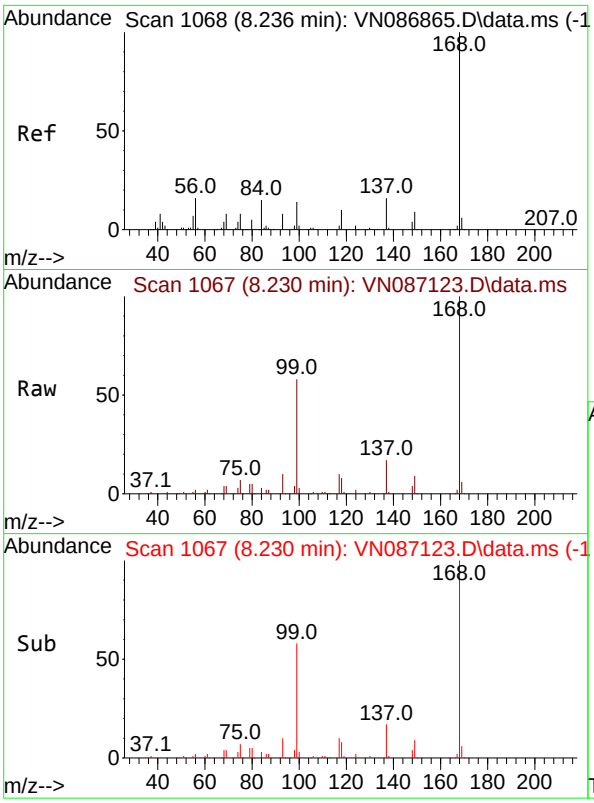
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Time: Jun 20 22:59:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



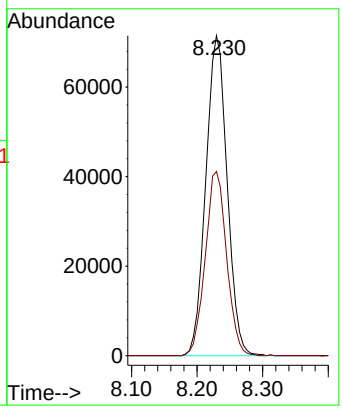


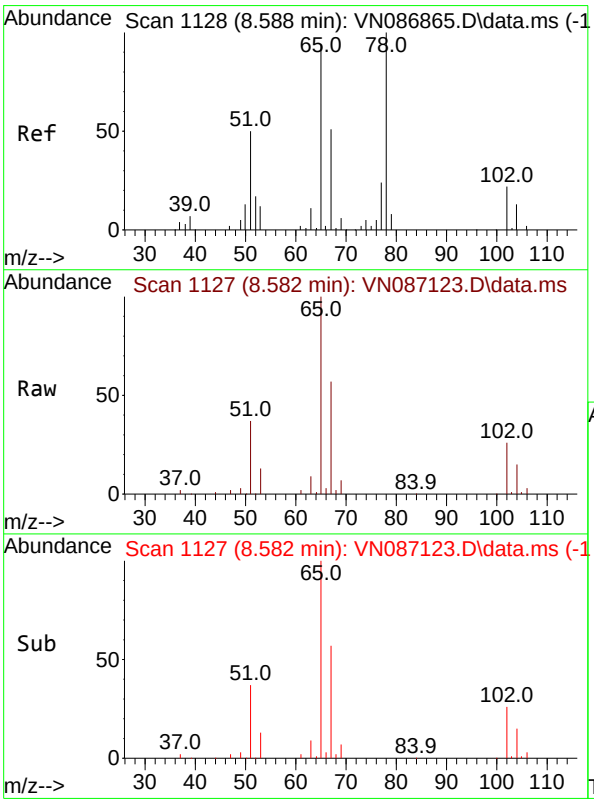
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion:168 Resp: 161603

Ion	Ratio	Lower	Upper
168	100		
99	57.6	49.1	73.7

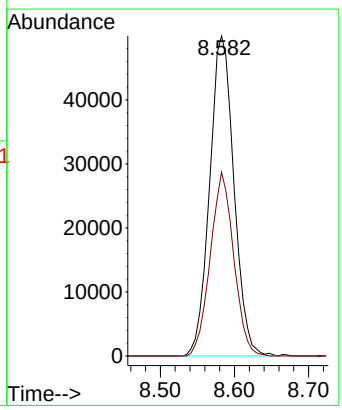


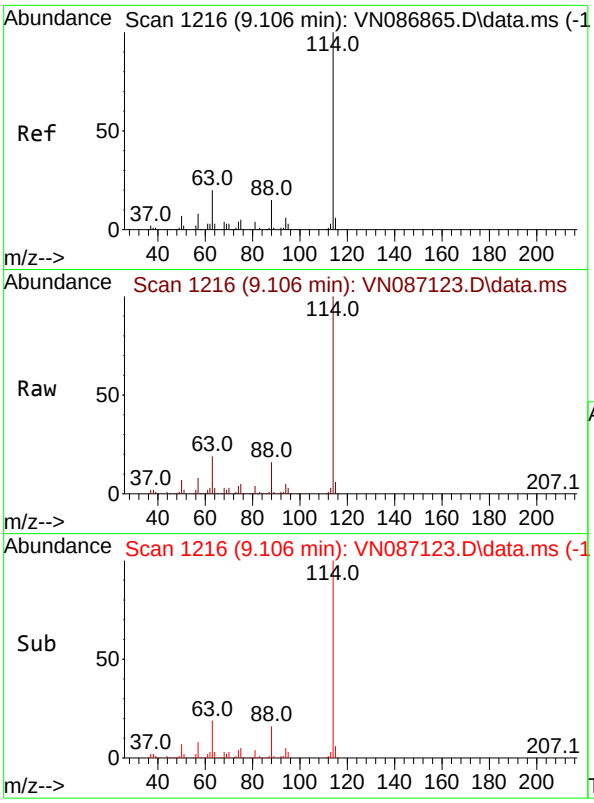


#33
1,2-Dichloroethane-d4
Concen: 52.572 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion: 65 Resp: 113749

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	105.6



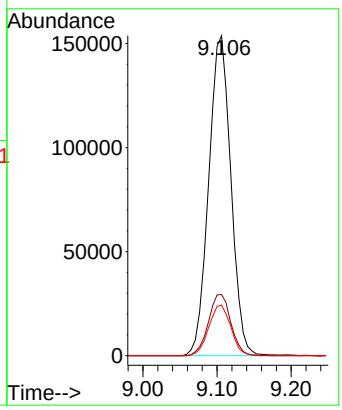


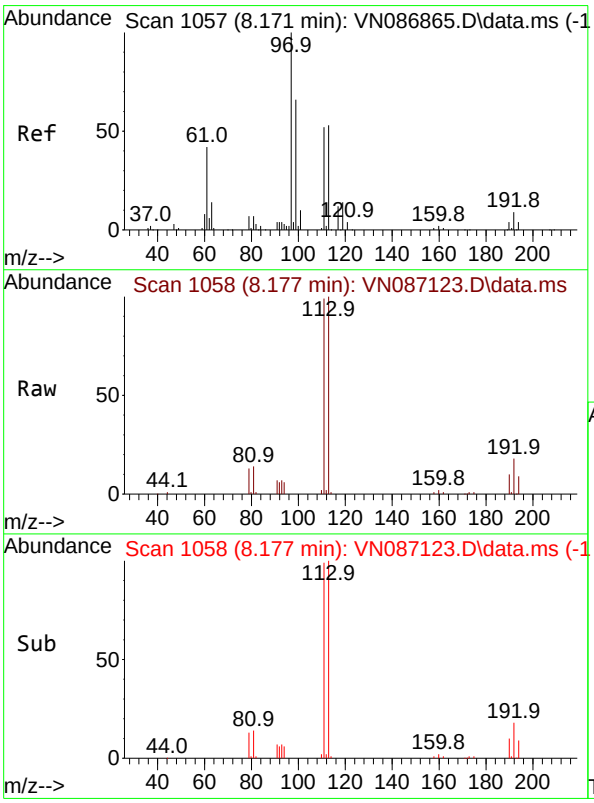
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion:114 Resp: 319855

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.8	0.0	30.2

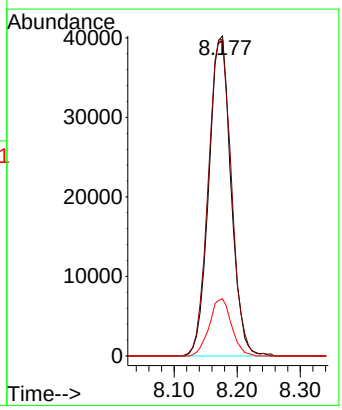


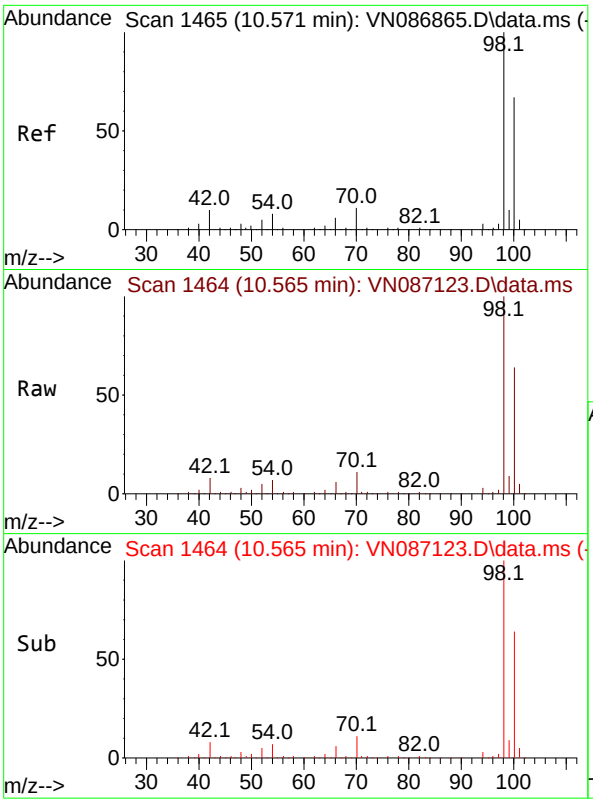


#35
Dibromofluoromethane
Concen: 51.593 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion:113 Resp: 97796

Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.2	126.2
192	18.0	14.2	21.4



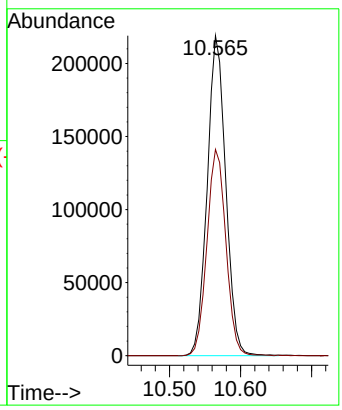


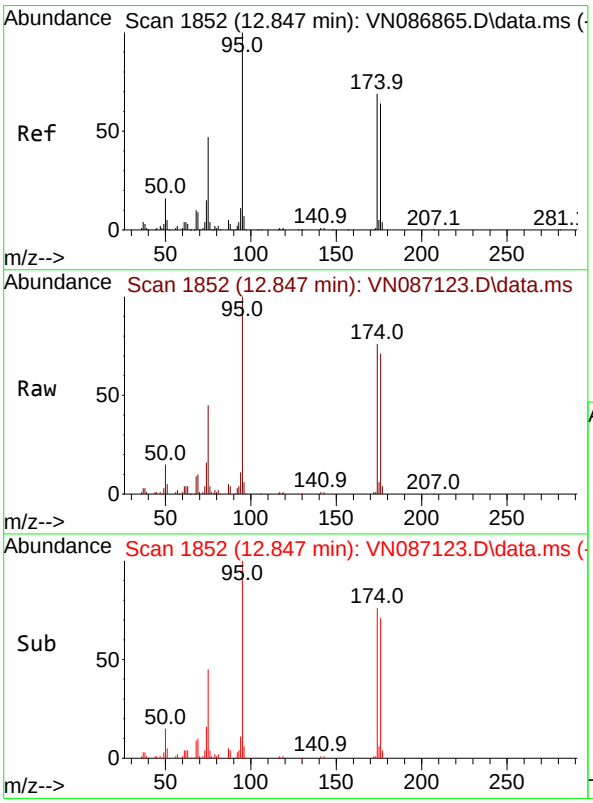
#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion: 98 Resp: 396963

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.0

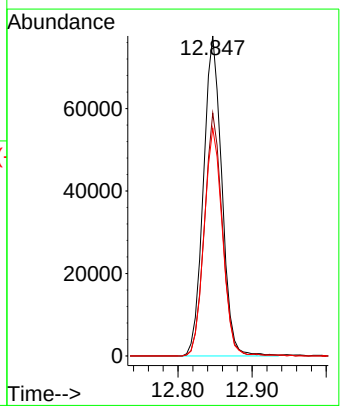


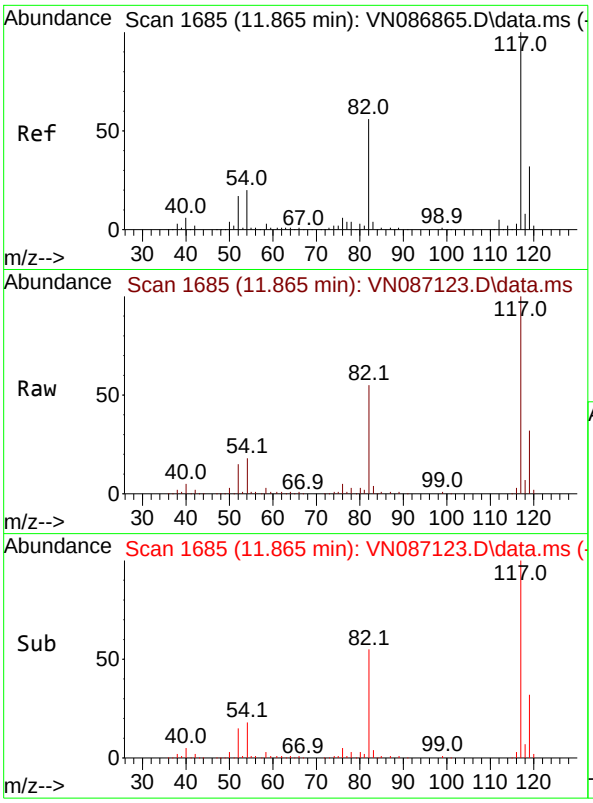


#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion: 95 Resp: 133565

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	141.8
176	71.0	0.0	132.6



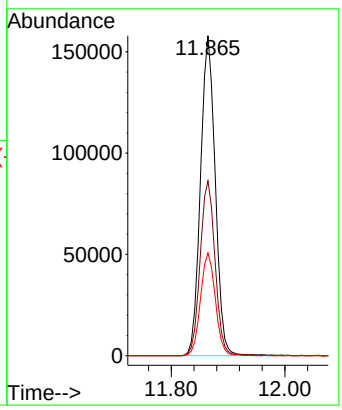


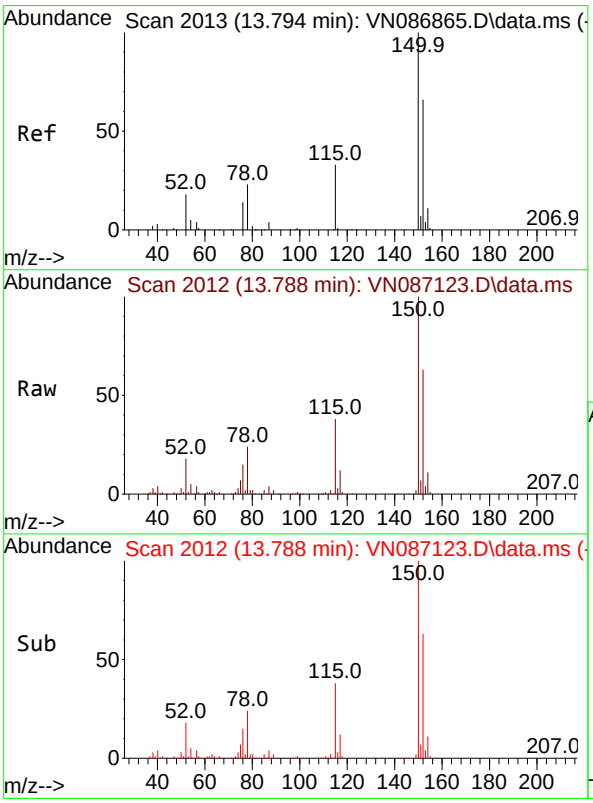
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion:117 Resp: 284735

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.6	67.0
119	32.1	25.5	38.3

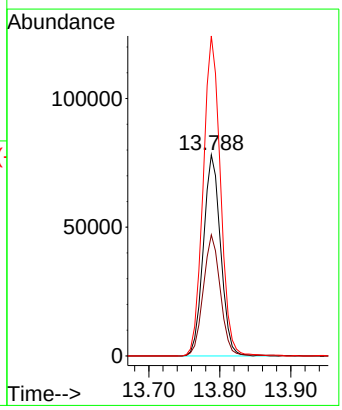




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion:152 Resp: 131966

Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.1	90.5
150	159.5	0.0	345.0



Sample Results: **VN087123.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

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_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN087123.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.171	1047	1057	1062	rBV2	124595	309597	31.20%	6.266%
2	8.230	1062	1067	1080	rVB	205171	453565	45.71%	9.180%
3	8.582	1117	1127	1139	rBV	142559	318311	32.08%	6.442%
4	9.106	1207	1216	1229	rBV	335825	702486	70.80%	14.218%
5	10.565	1455	1464	1478	rBV	541501	992236	100.00%	20.082%
6	11.865	1676	1685	1699	rBV	448459	815298	82.17%	16.501%
7	12.847	1845	1852	1861	rBV	340938	577673	58.22%	11.692%
8	13.788	2005	2012	2022	rVV	450759	760213	76.62%	15.386%
9	15.500	2297	2303	2308	rBV6	7606	11537	1.16%	0.233%

Sum of corrected areas: 4940916

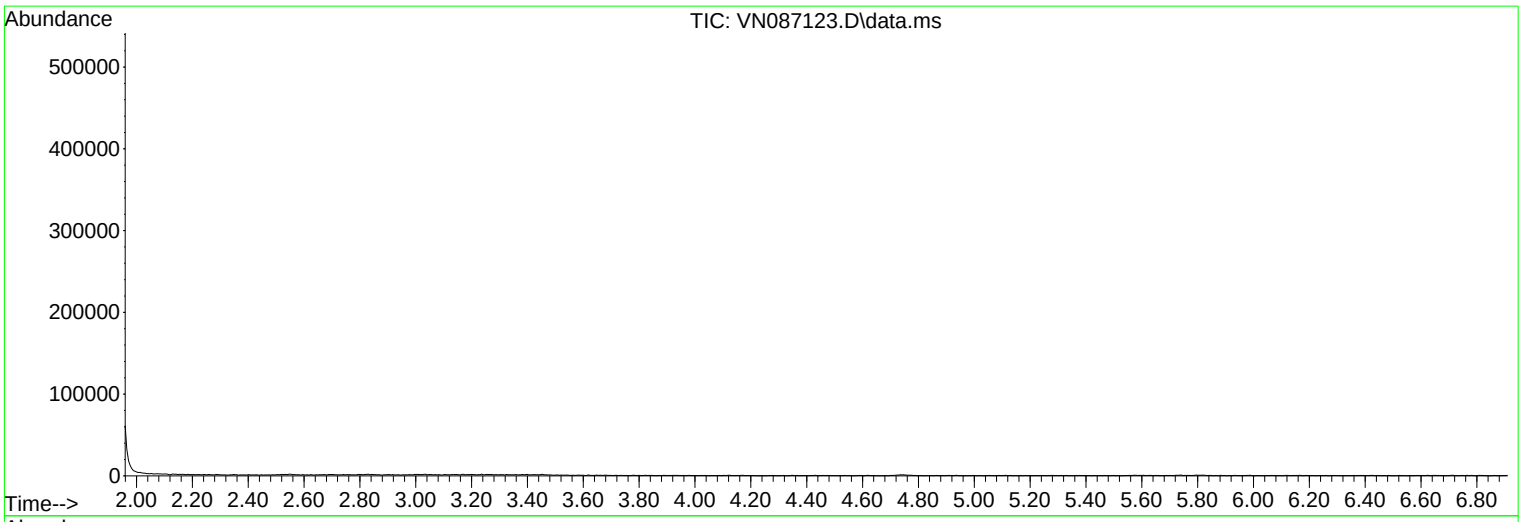
Sample Results: **VN087123.D**

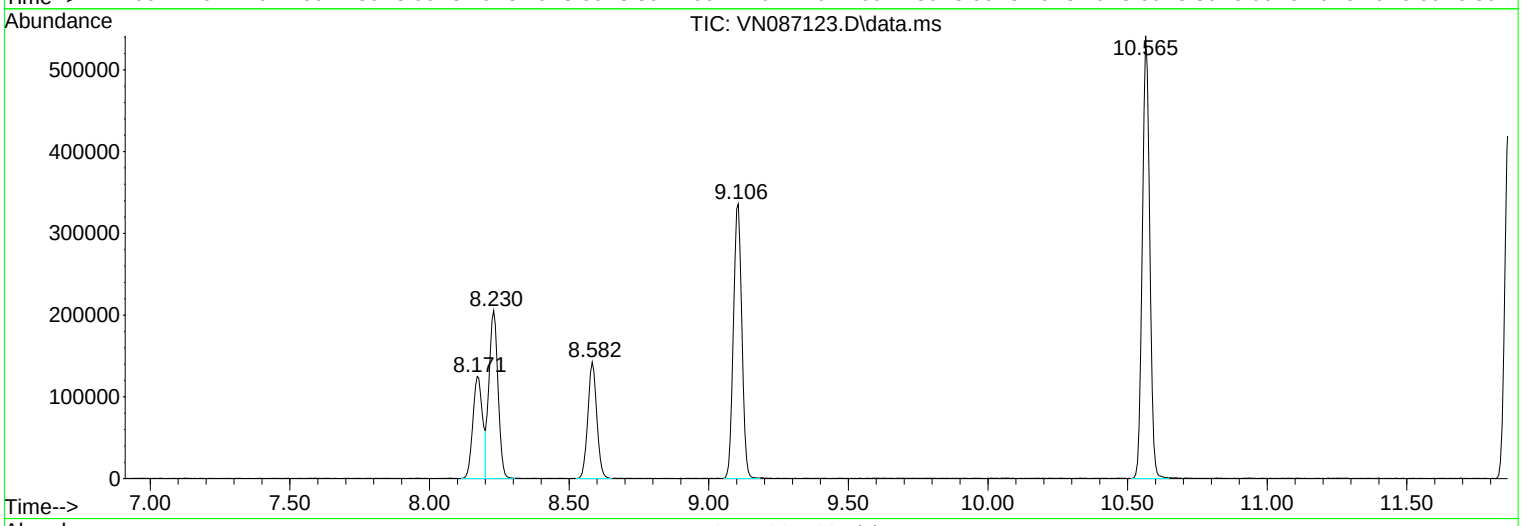
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

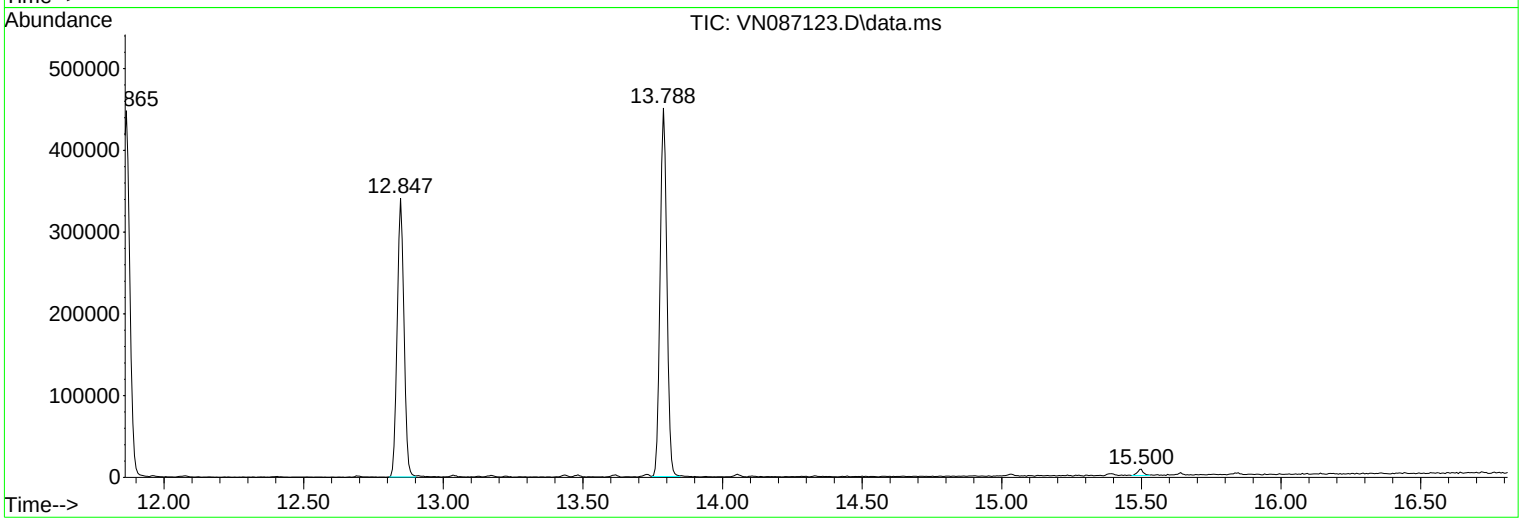
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_N\Data\VN062025\
Data File : VN087123.D
Acq On : 20 Jun 2025 09:25
Operator : JC\MD
Sample : VN0620MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Time: Jun 20 22:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	186699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	343369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137319	54.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.860%			
35) Dibromofluoromethane	8.171	113	115842	51.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	10.565	98	468951	52.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.847	95	161930	48.938	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.880%			

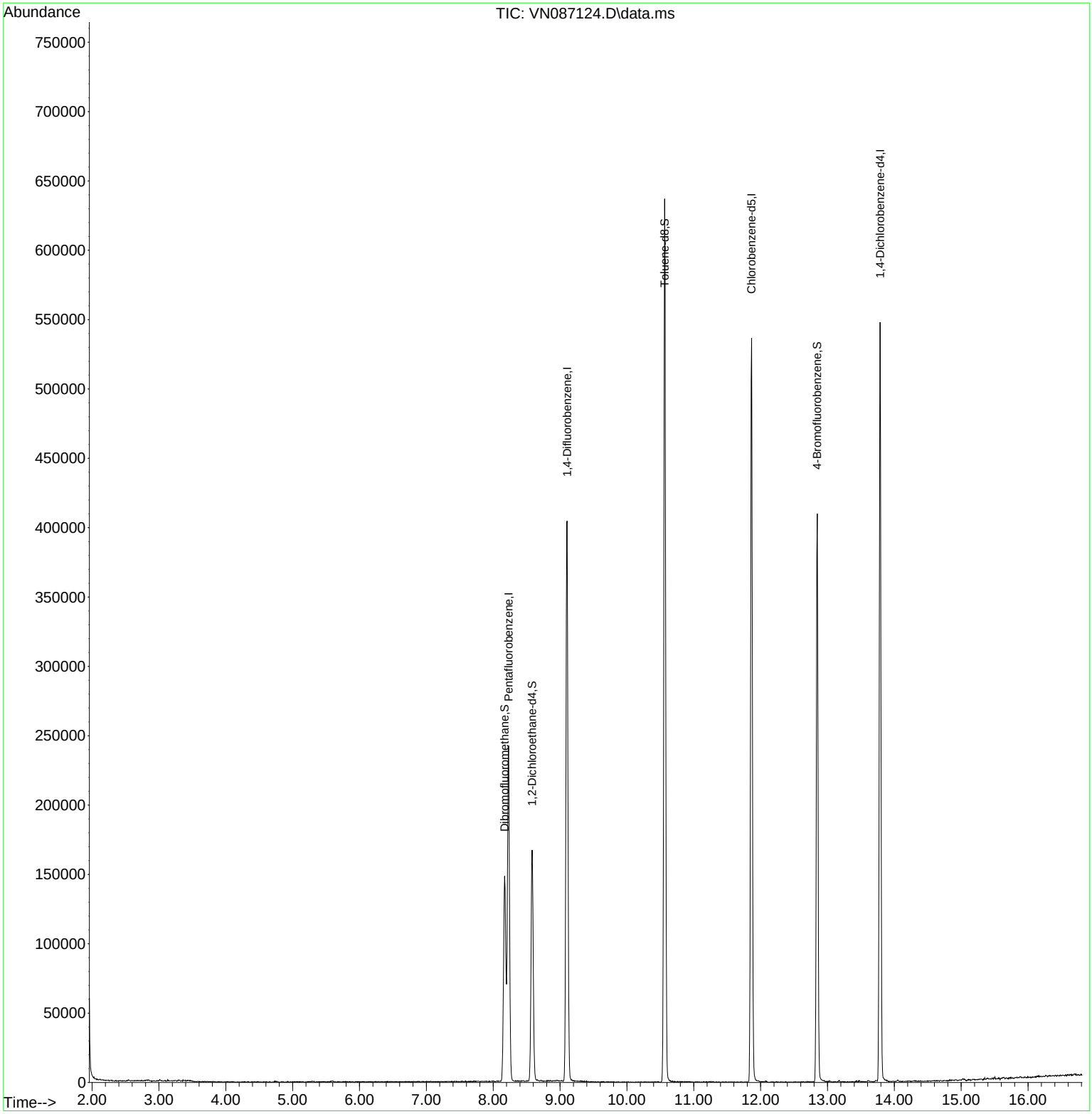
Target Compounds Qvalue

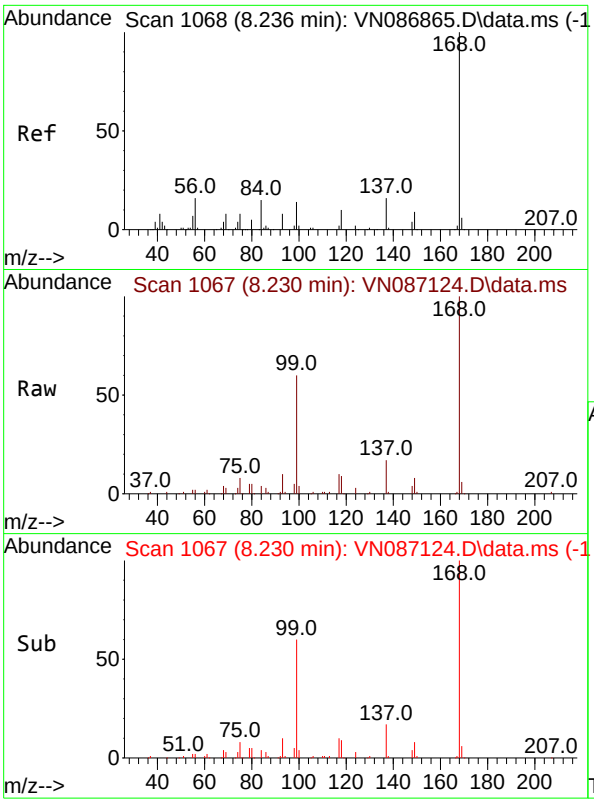
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Time: Jun 20 22:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



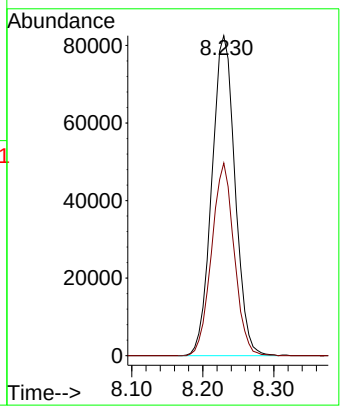


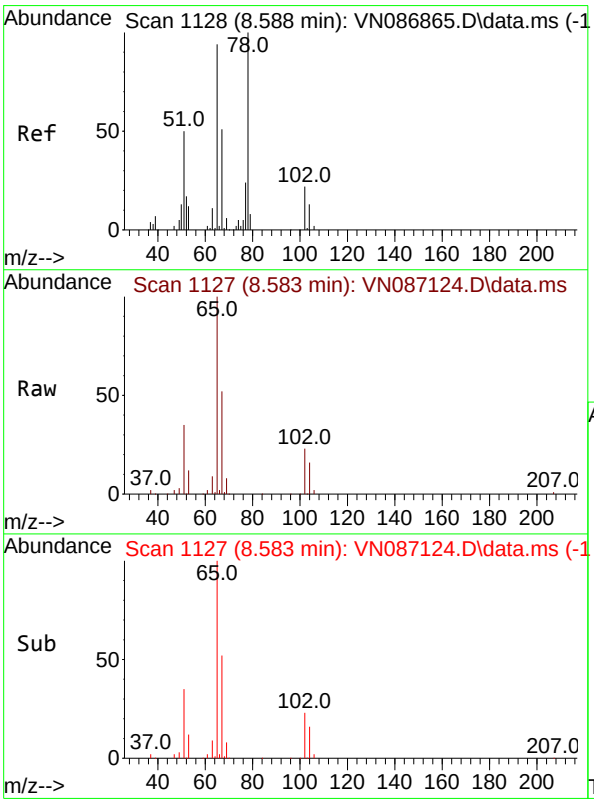
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion:168 Resp: 186699

Ion	Ratio	Lower	Upper
168	100		
99	60.2	49.1	73.7

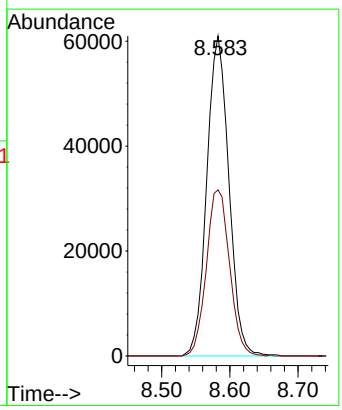


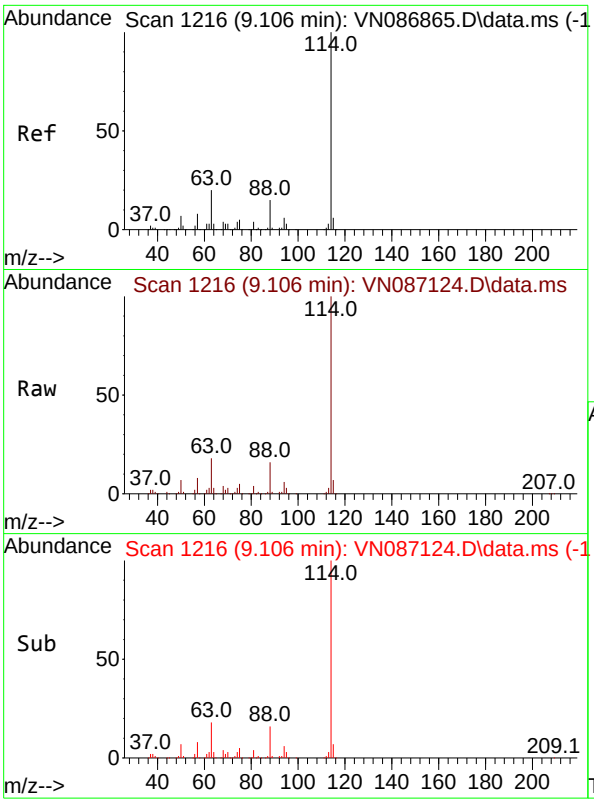


#33
1,2-Dichloroethane-d4
Concen: 54.934 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion: 65 Resp: 137319

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.6



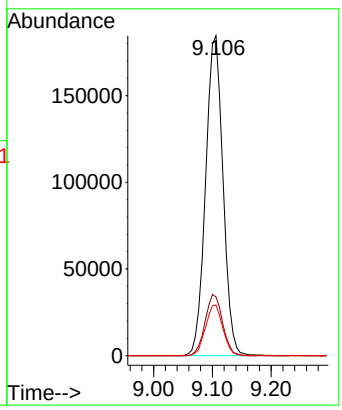


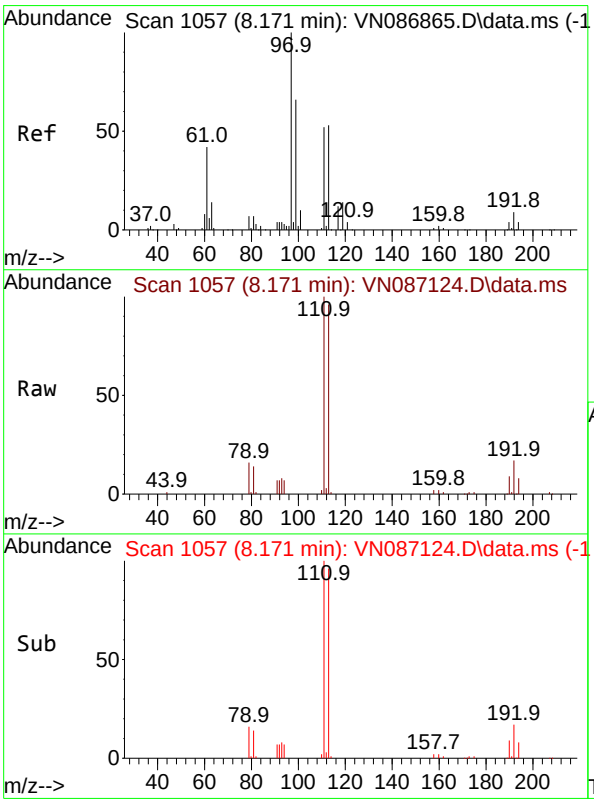
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion:114 Resp: 379621

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.6
88	15.9	0.0	30.2

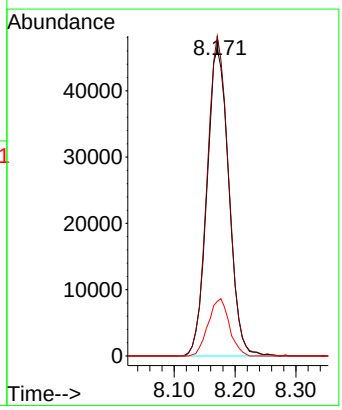


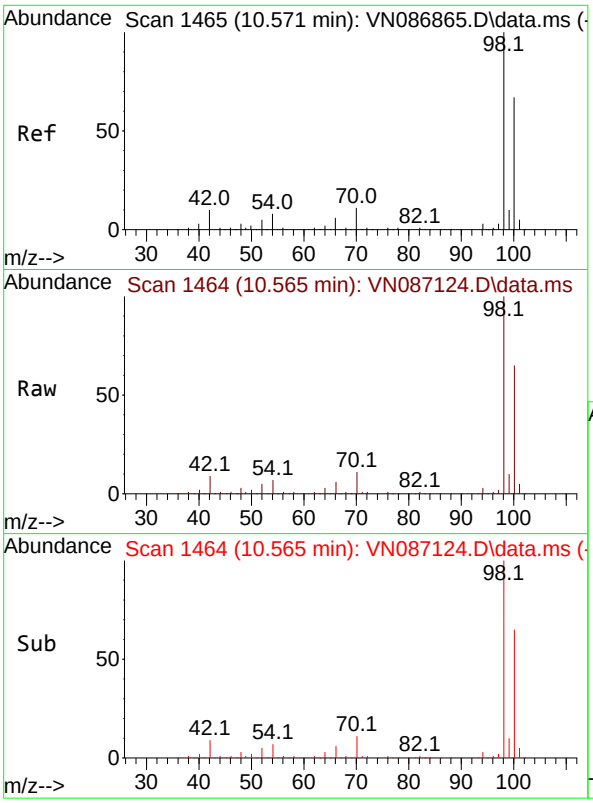


#35
Dibromofluoromethane
Concen: 51.492 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion:113 Resp: 115842

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.2	126.2
192	17.9	14.2	21.4



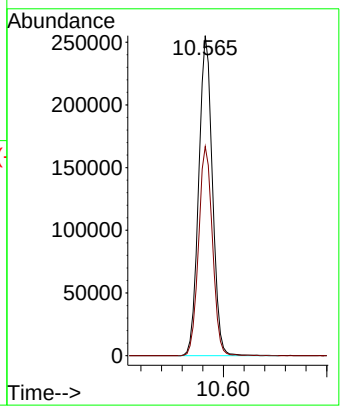


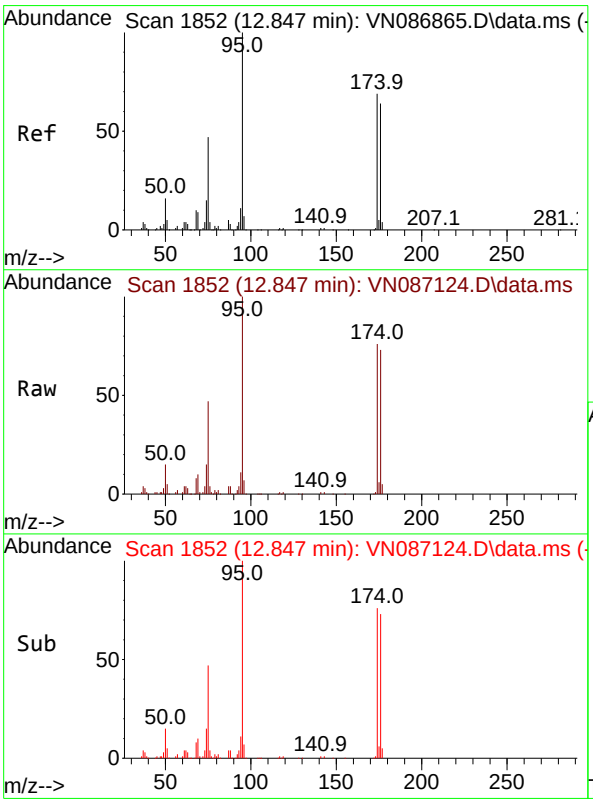
#50
Toluene-d8
Concen: 52.655 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion: 98 Resp: 468951

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.0

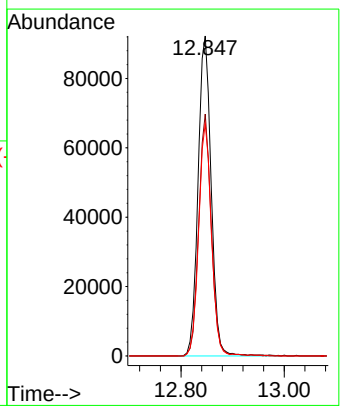


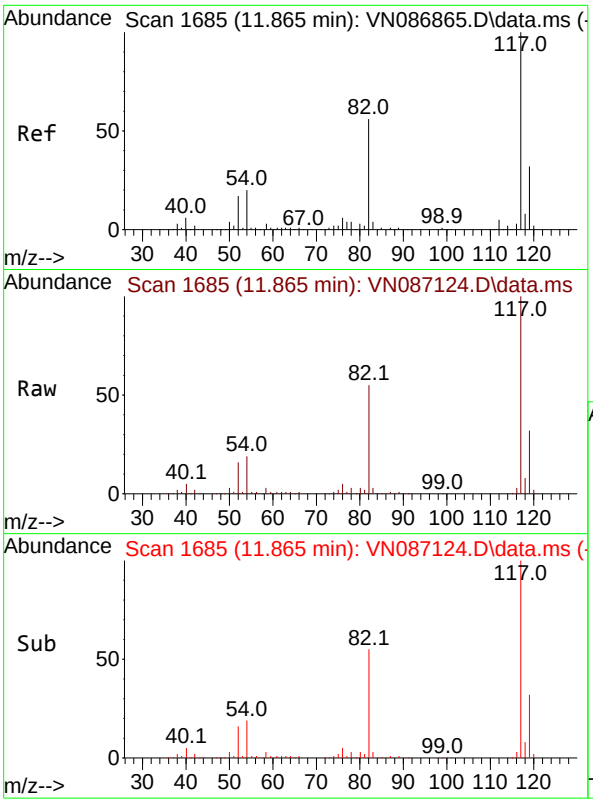


#62
4-Bromofluorobenzene
Concen: 48.938 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion: 95 Resp: 161930

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	141.8
176	70.7	0.0	132.6



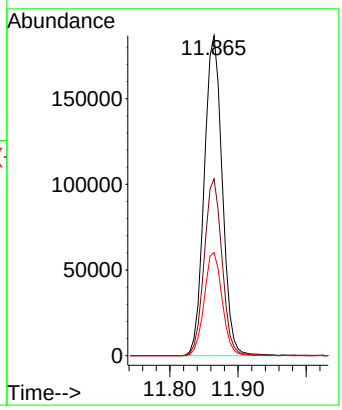


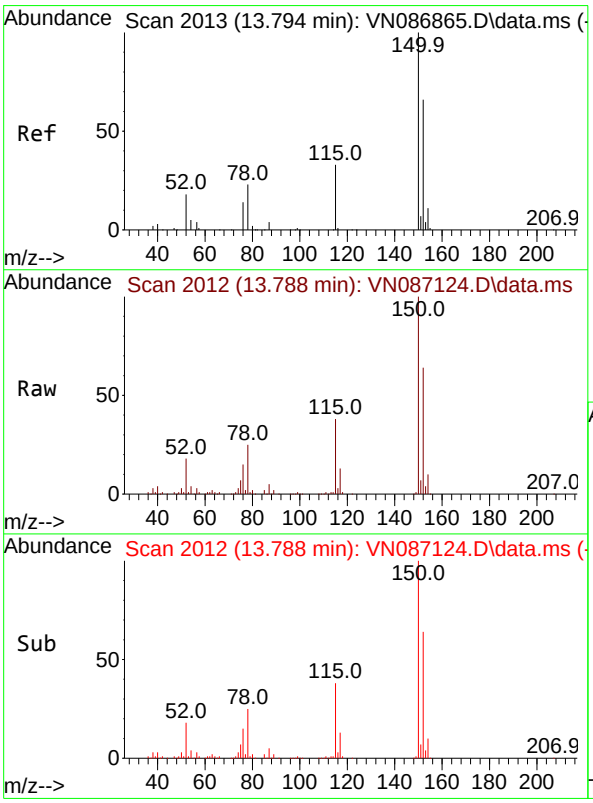
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Tgt Ion:117 Resp: 343369

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	32.3	25.5	38.3

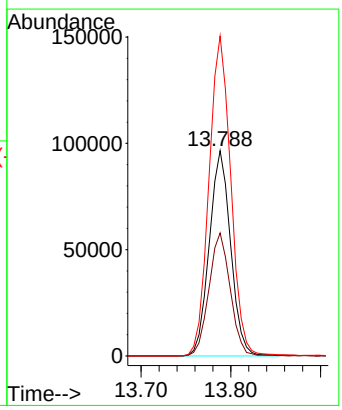




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087124.D
Acq: 20 Jun 2025 09:46

Tgt Ion:152 Resp: 159510

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.5
150	159.4	0.0	345.0



Sample Results: **VN087124.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

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_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN087124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.171	1047	1057	1062	rBV2	148003	370357	31.52%	6.283%
2	8.230	1062	1067	1084	rVB	242117	525565	44.72%	8.916%
3	8.583	1118	1127	1139	rBV	166565	378931	32.25%	6.429%
4	9.106	1206	1216	1227	rBV	403999	838166	71.32%	14.220%
5	10.565	1455	1464	1480	rBV	636992	1175141	100.00%	19.936%
6	11.865	1675	1685	1698	rBV	536681	981134	83.49%	16.645%
7	12.847	1844	1852	1869	rBV	409837	706638	60.13%	11.988%
8	13.788	2005	2012	2027	rBV	547182	918519	78.16%	15.583%

Sum of corrected areas: 5894451

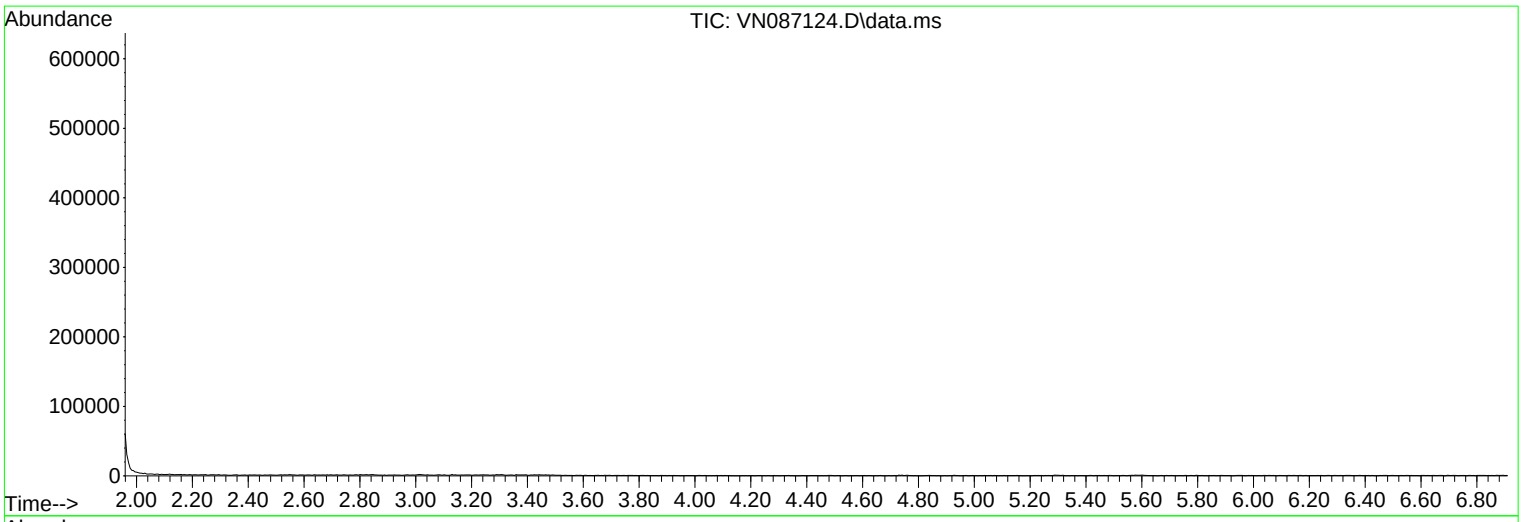
Sample Results: **VN087124.D**

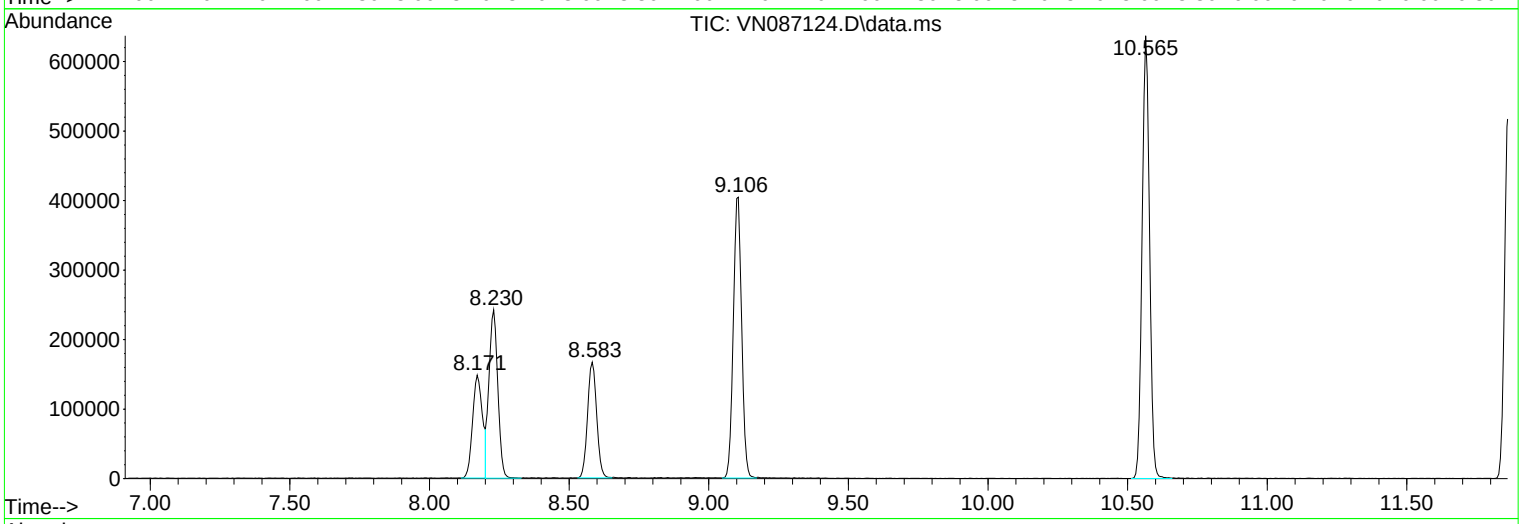
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

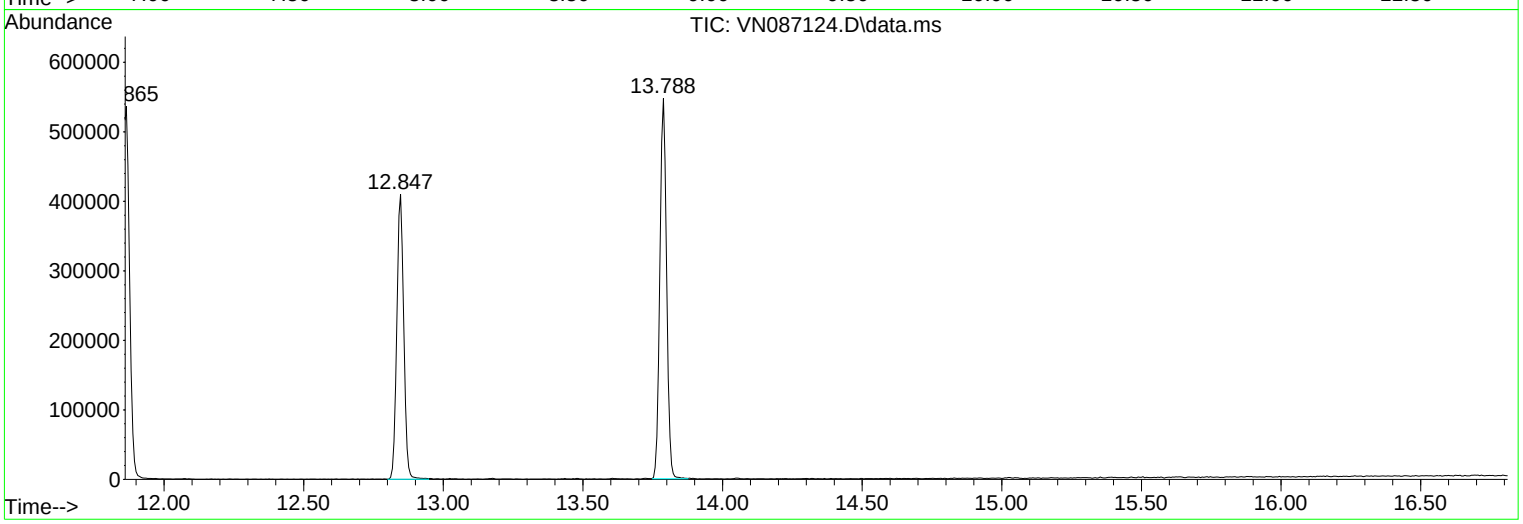
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_N\Data\VN062025\
Data File : VN087124.D
Acq On : 20 Jun 2025 09:46
Operator : JC\MD
Sample : VN0620WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

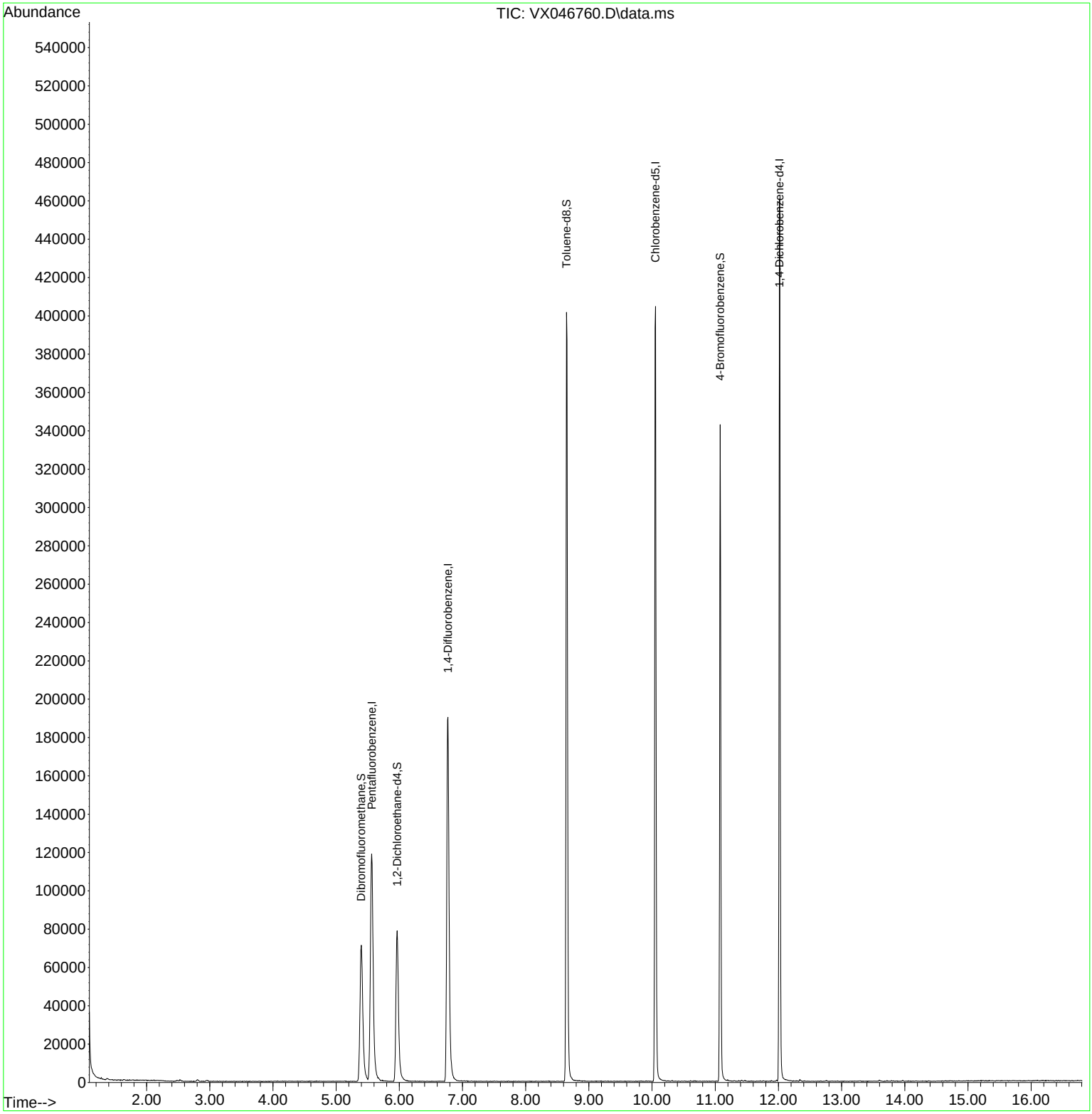
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	124937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83430	48.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	5.397	113	68758	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.647	98	252224	49.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	92918	49.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.780%		
Target Compounds						Qvalue

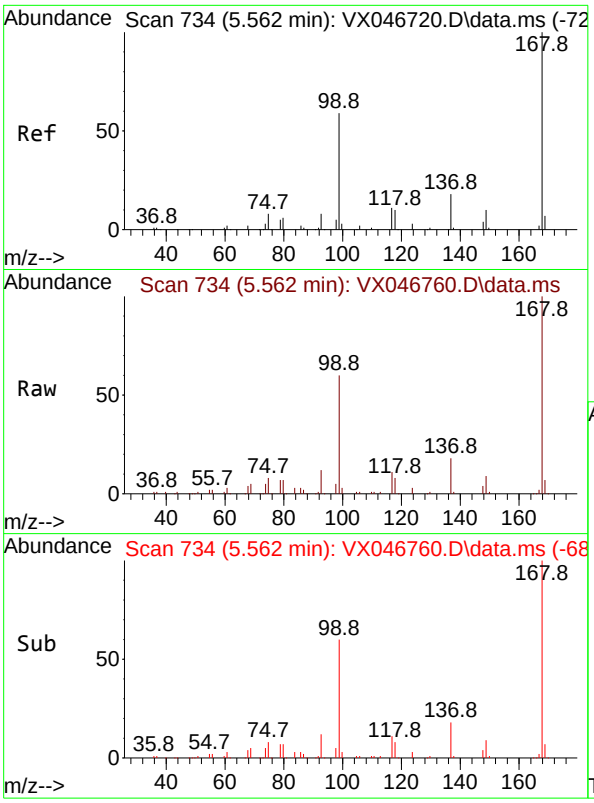
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



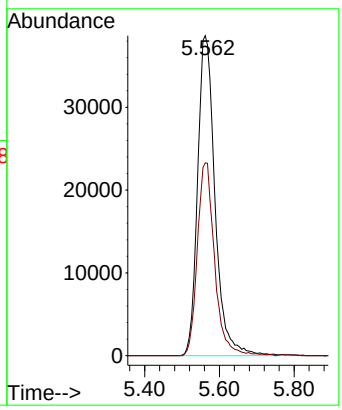


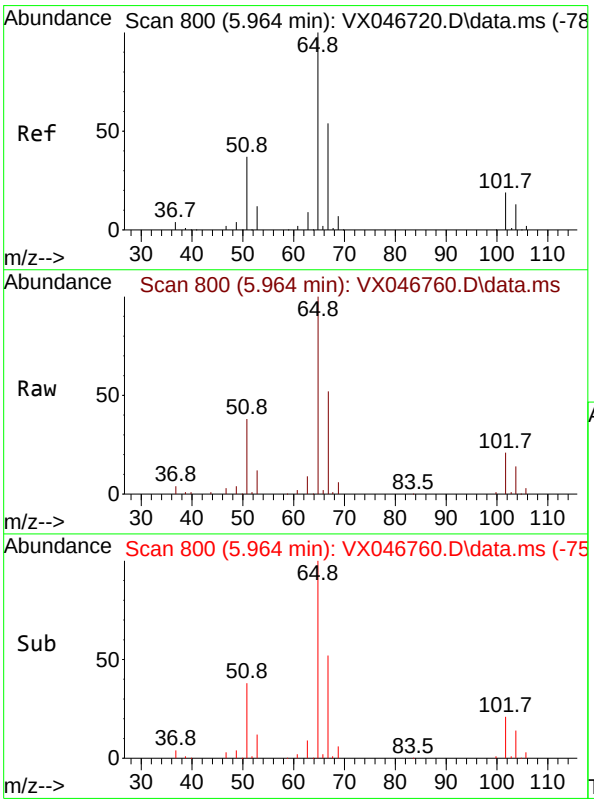
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:168 Resp: 124937

Ion	Ratio	Lower	Upper
168	100		
99	60.2	48.5	72.7

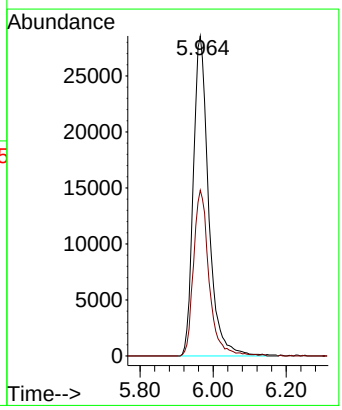


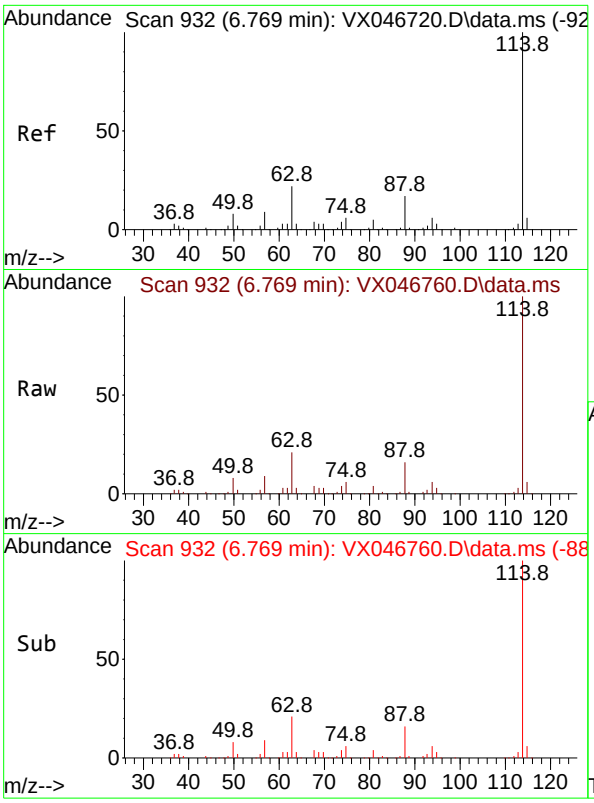


#33
1,2-Dichloroethane-d4
Concen: 48.278 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 65 Resp: 83430

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



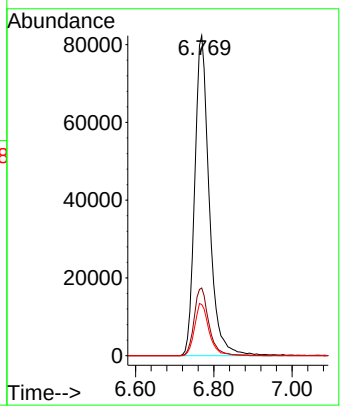


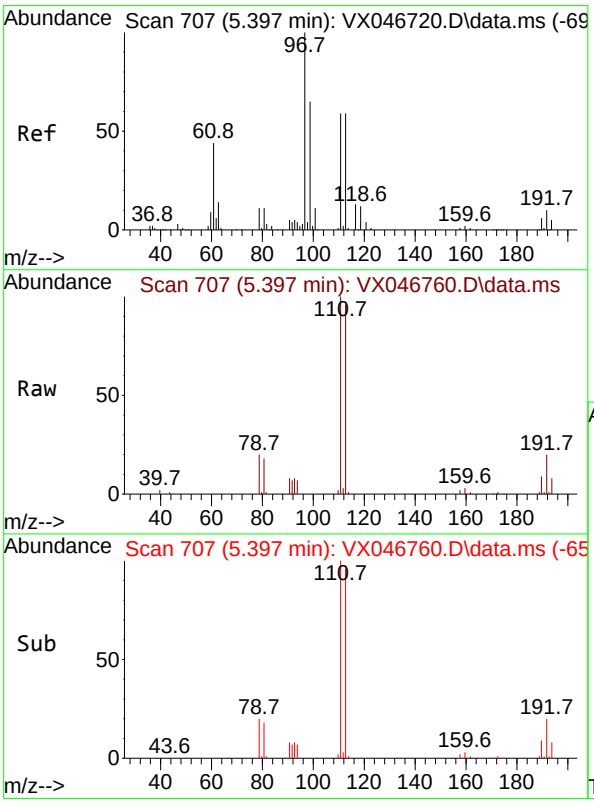
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:114 Resp: 212303

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	16.0	0.0	33.2

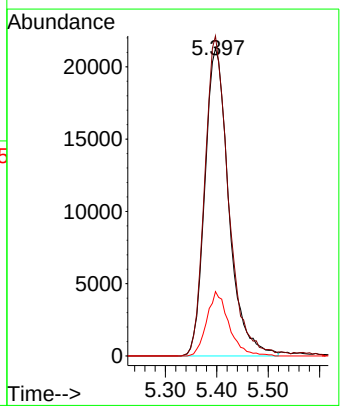


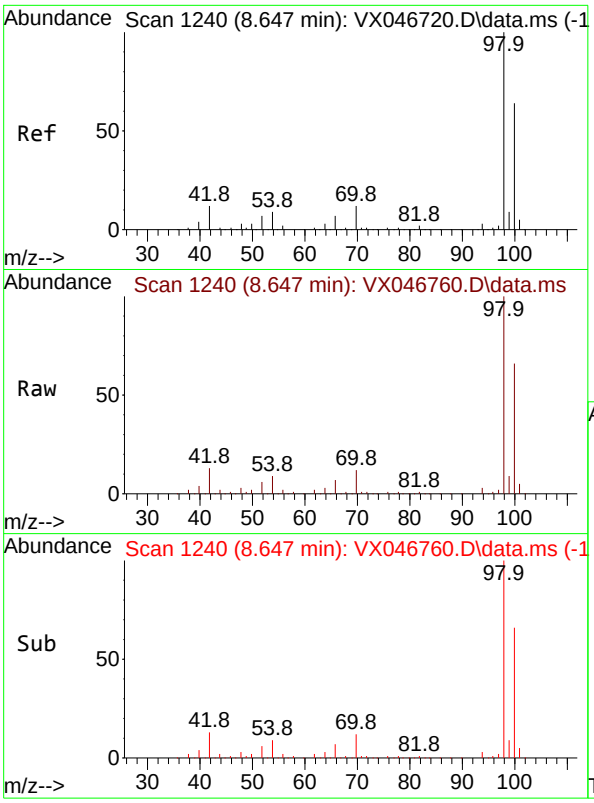


#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:113 Resp: 68758

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.4	15.3	22.9



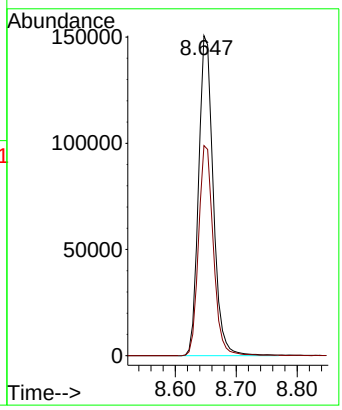


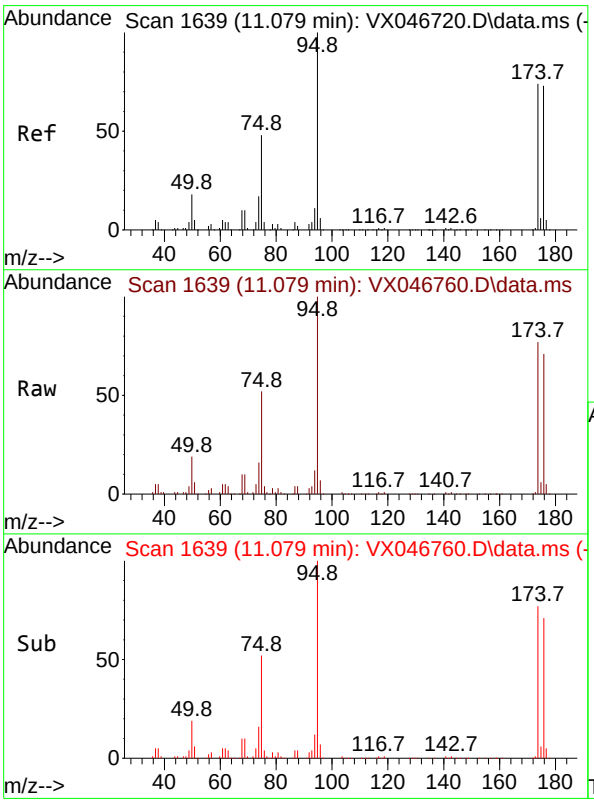
#50
Toluene-d8
Concen: 49.979 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion: 98 Resp: 252224

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

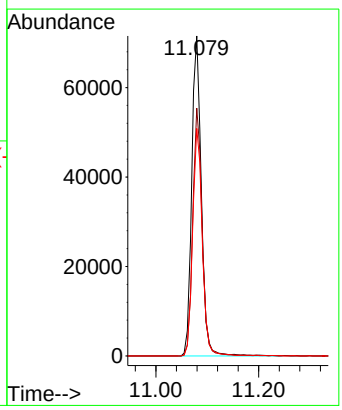


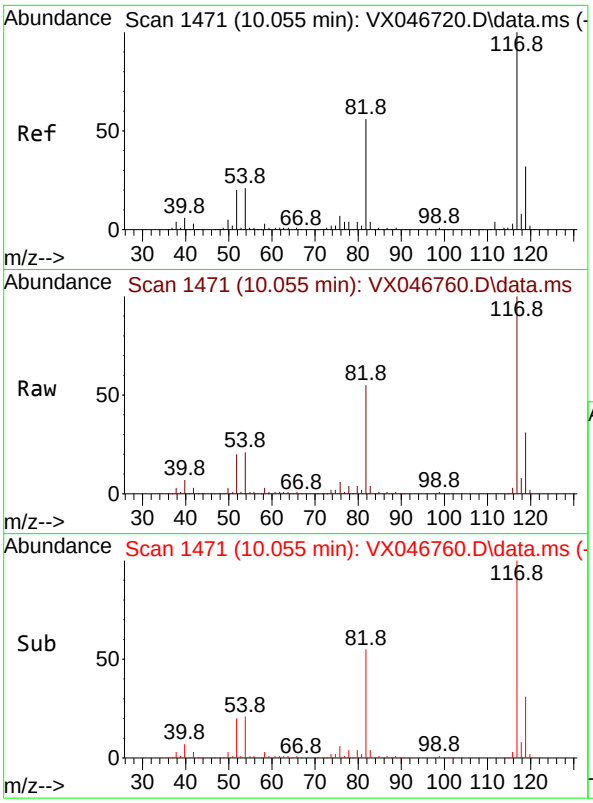


#62
4-Bromofluorobenzene
Concen: 49.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 95 Resp: 92918

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.4
176	71.2	0.0	145.0



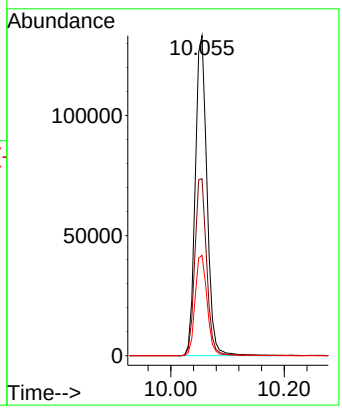


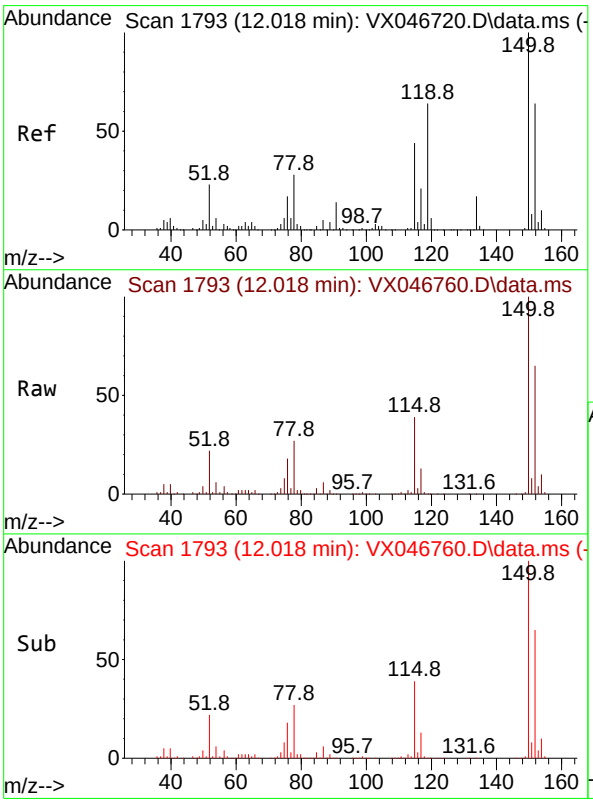
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:117 Resp: 191555

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	66.8
119	31.4	25.8	38.8

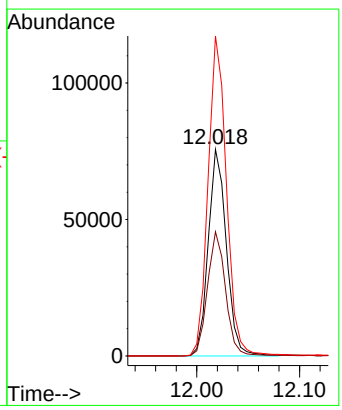




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:152 Resp: 93040

Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.2	129.6
150	157.7	0.0	346.8



Sample Results: **VX046760.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

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_X\Method\82X061725W.M
Title : SW846 8260

Signal : TIC: VX046760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	694	707	724	rBV2	71138	226401	33.63%	6.316%
2	5.562	724	734	757	rVB2	118344	370009	54.96%	10.322%
3	5.964	791	800	818	rBV	78654	226828	33.69%	6.328%
4	6.769	923	932	954	rBV	190158	495034	73.53%	13.809%
5	8.647	1234	1240	1259	rBV	401216	673238	100.00%	18.781%
6	10.055	1465	1471	1483	rBV	404279	586443	87.11%	16.359%
7	11.079	1634	1639	1654	rBV	342631	438043	65.07%	12.220%
8	12.018	1788	1793	1808	rBV	460324	568770	84.48%	15.866%

Sum of corrected areas: 3584766

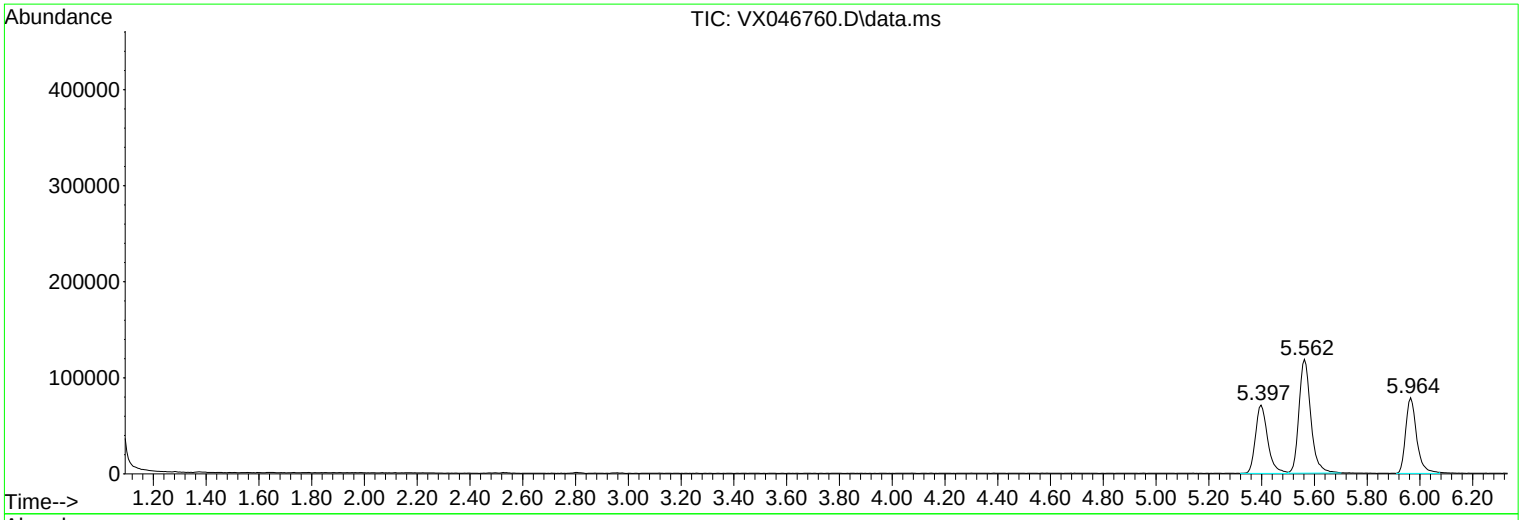
Sample Results: **VX046760.D**

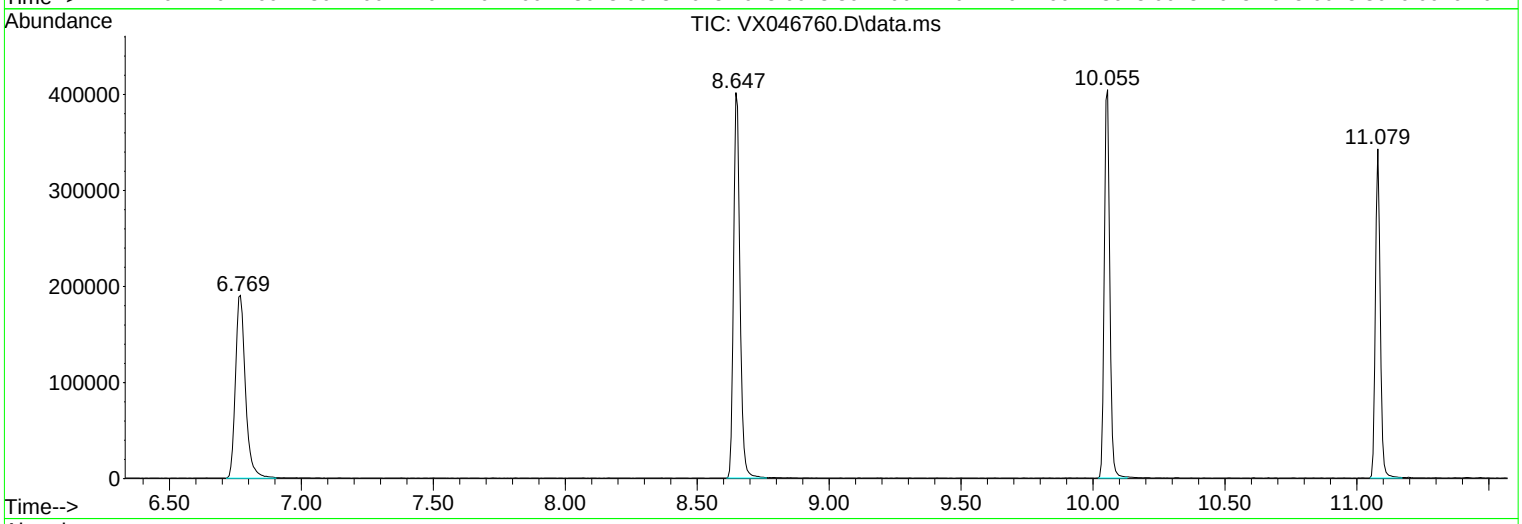
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

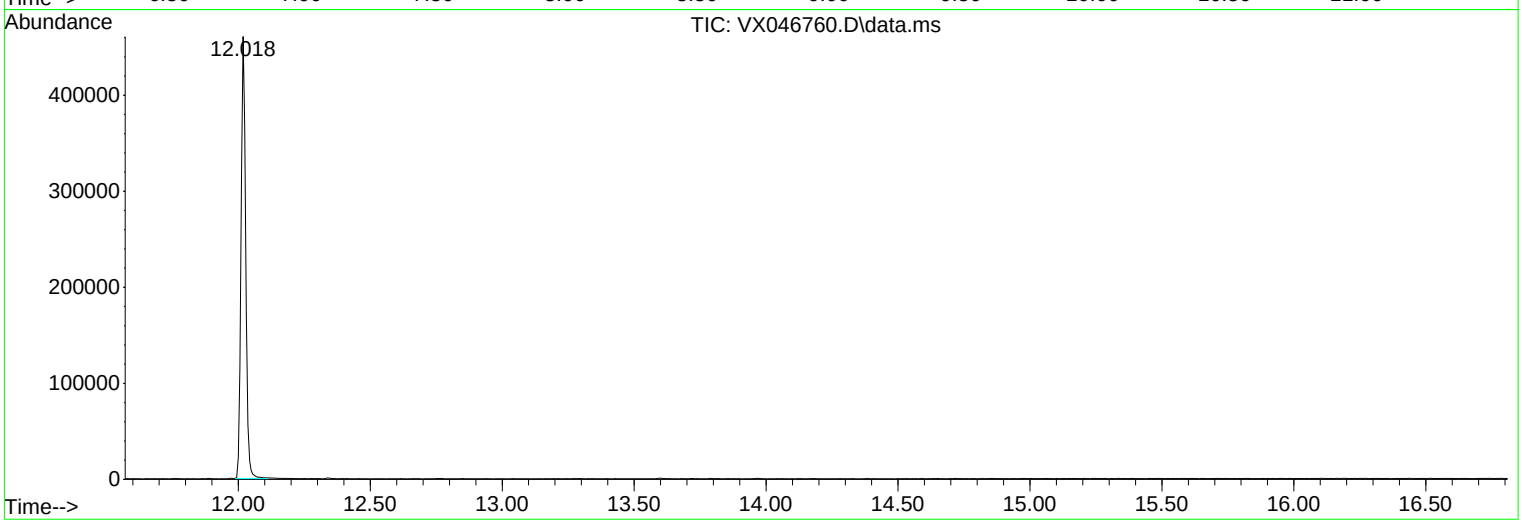
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX046760.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Time: Jun 25 01:20:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	300507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	535641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	452693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	171409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182809	54.505	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.020%			
35) Dibromofluoromethane	7.628	113	170594	52.369	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.103	98	635701	49.179	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.402	95	177906	42.813	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.620%			

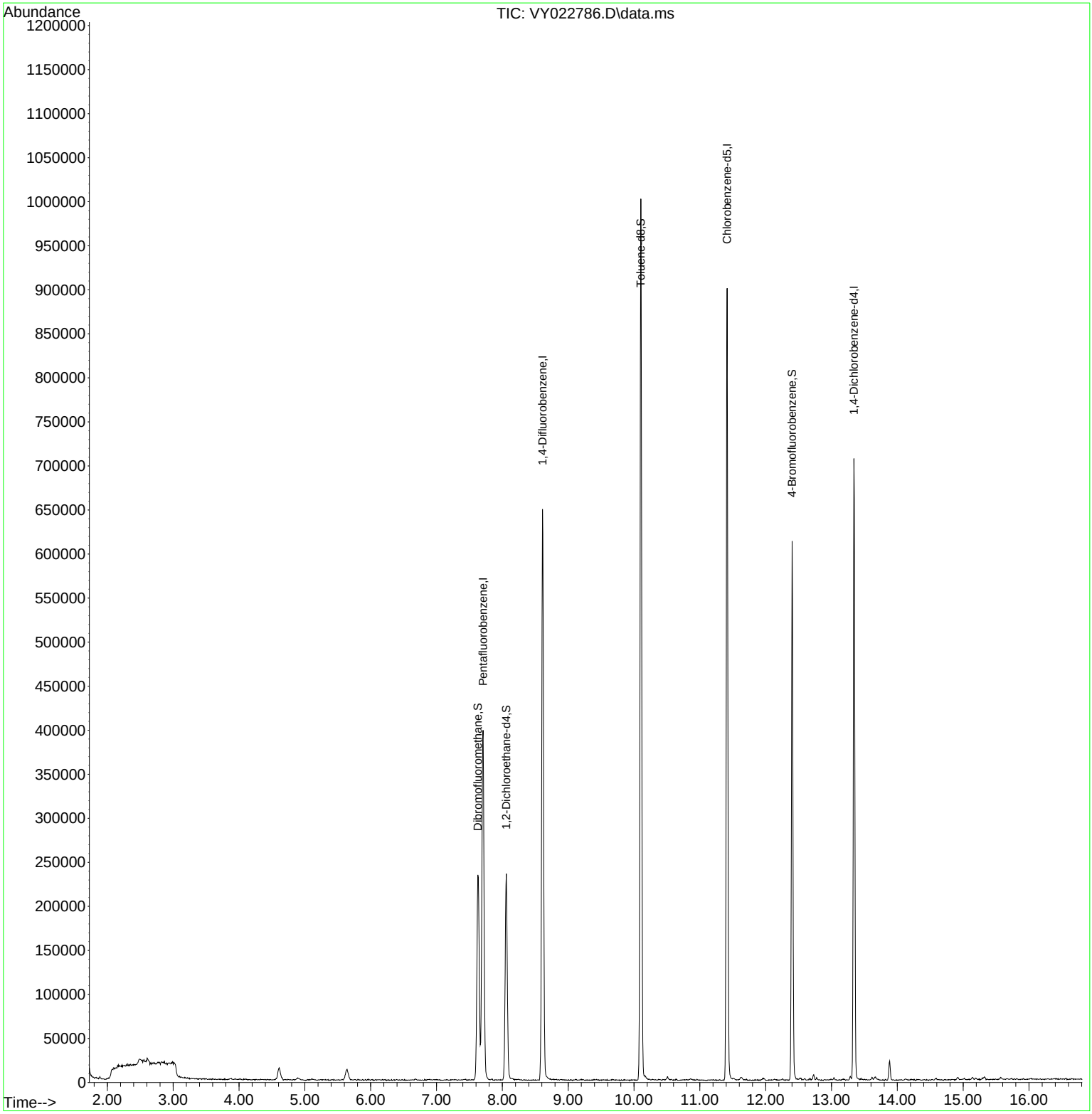
Target Compounds Qvalue

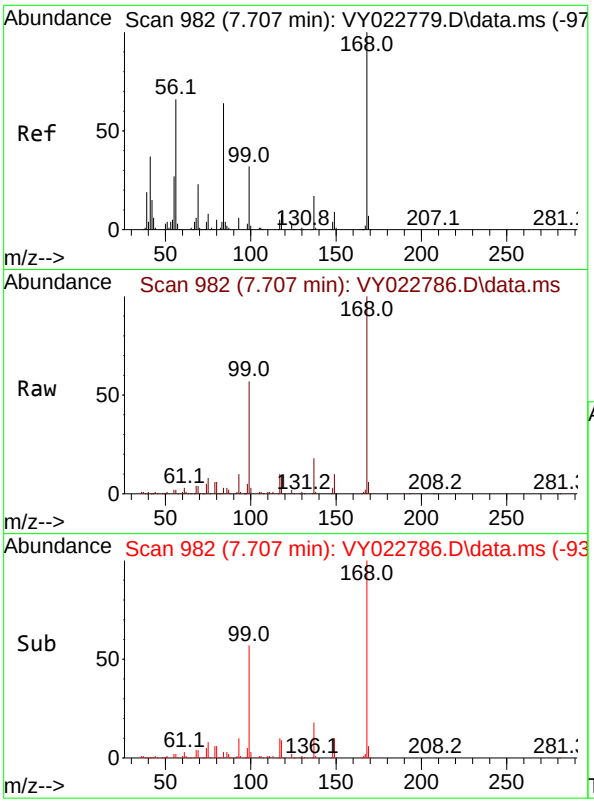
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Time: Jun 25 01:20:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



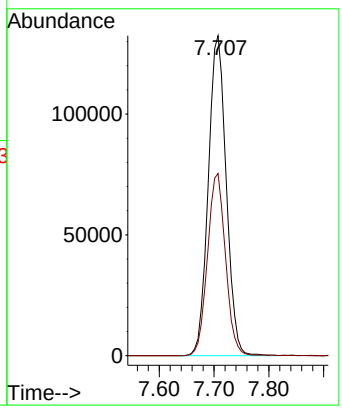


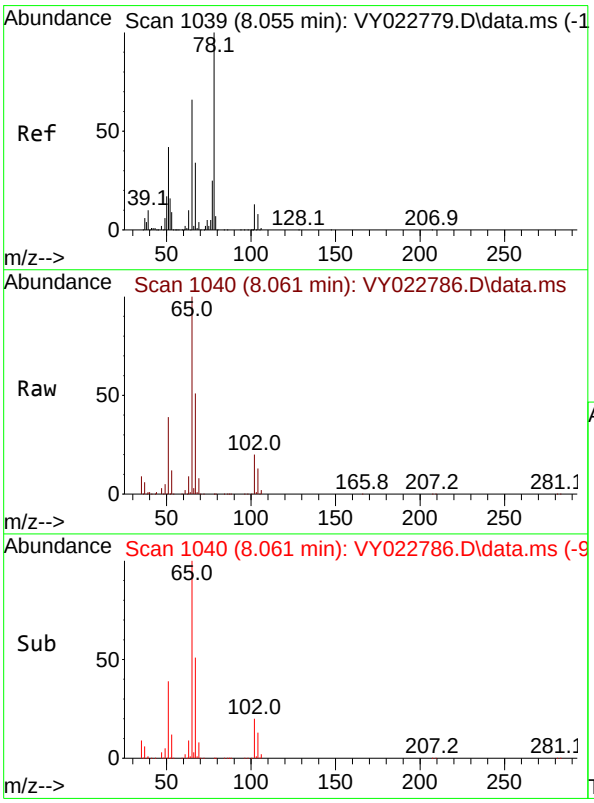
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion:168 Resp: 300507

Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.3	66.5

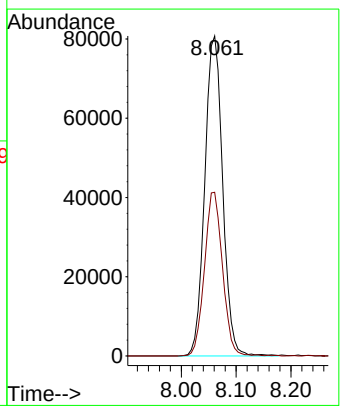


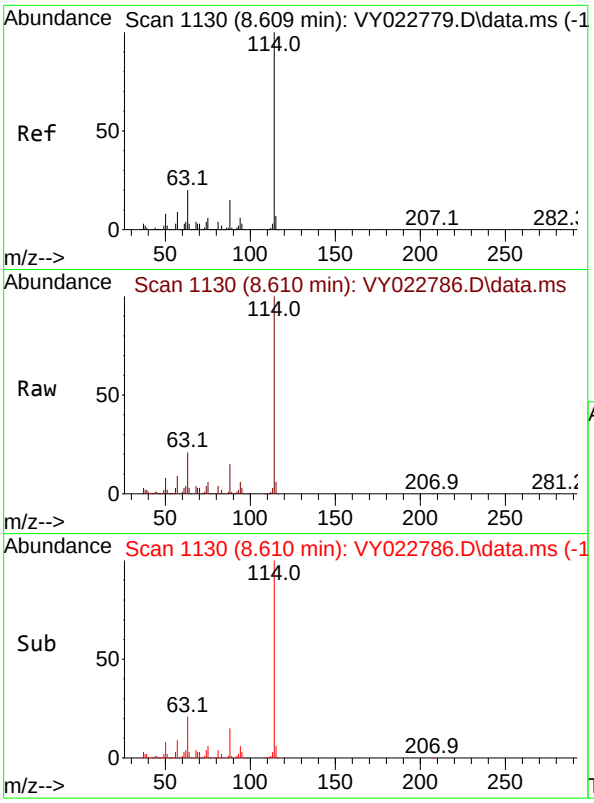


#33
1,2-Dichloroethane-d4
Concen: 54.505 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 65 Resp: 182809

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.4



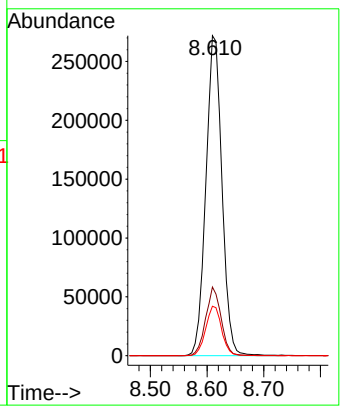


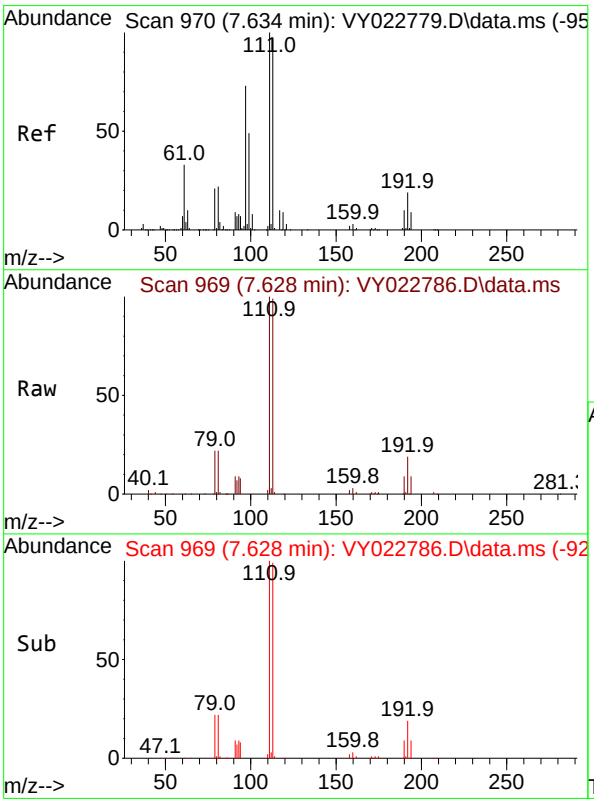
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion:114 Resp: 535641

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	15.4	0.0	27.8

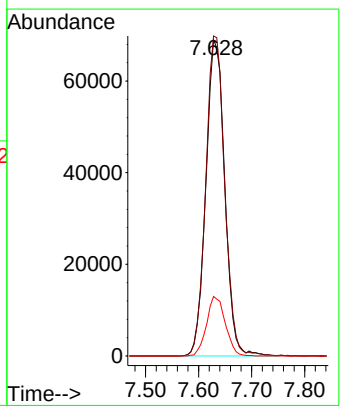


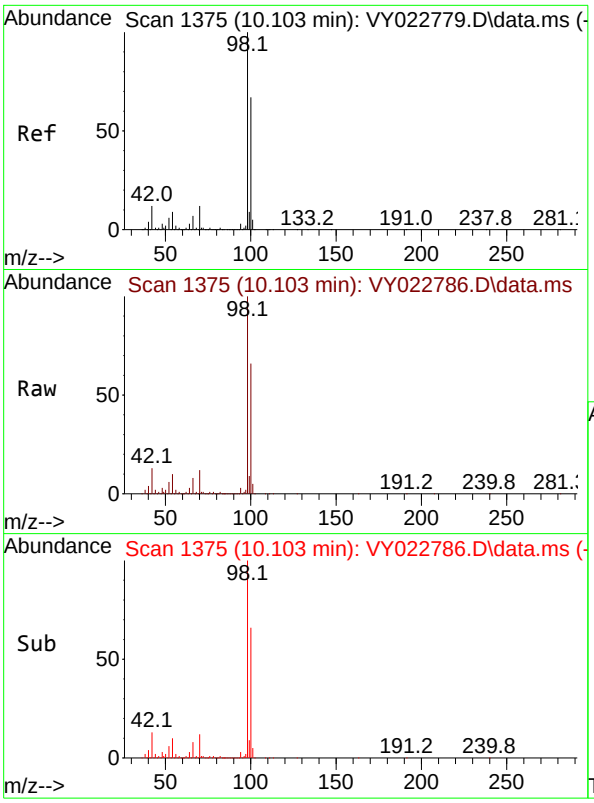


#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion:113 Resp: 170594

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	18.7	14.2	21.2



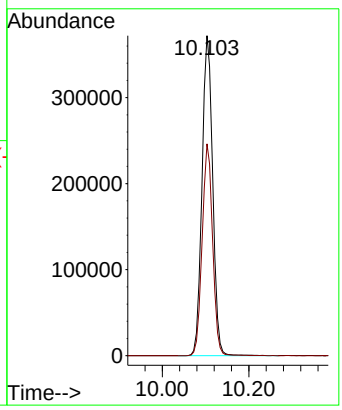


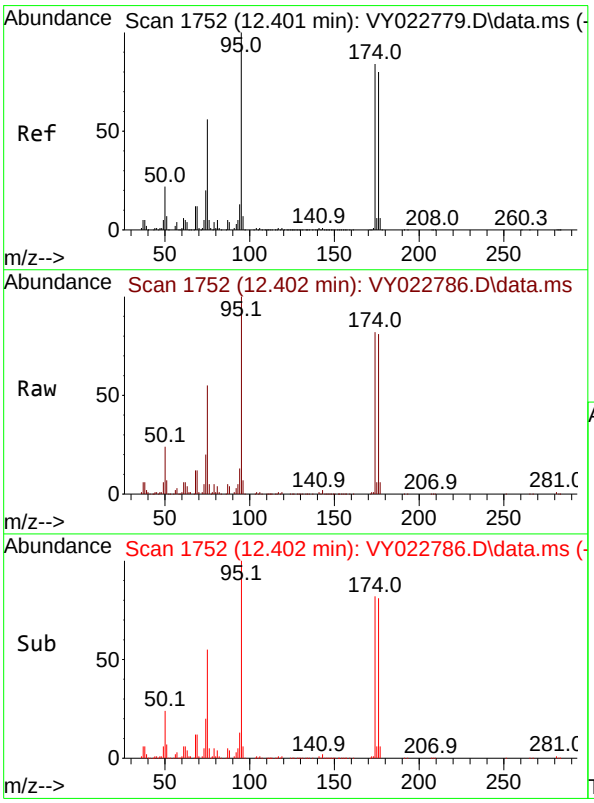
#50
Toluene-d8
Concen: 49.179 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion: 98 Resp: 635701

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0

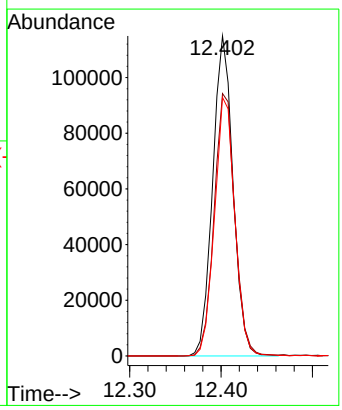


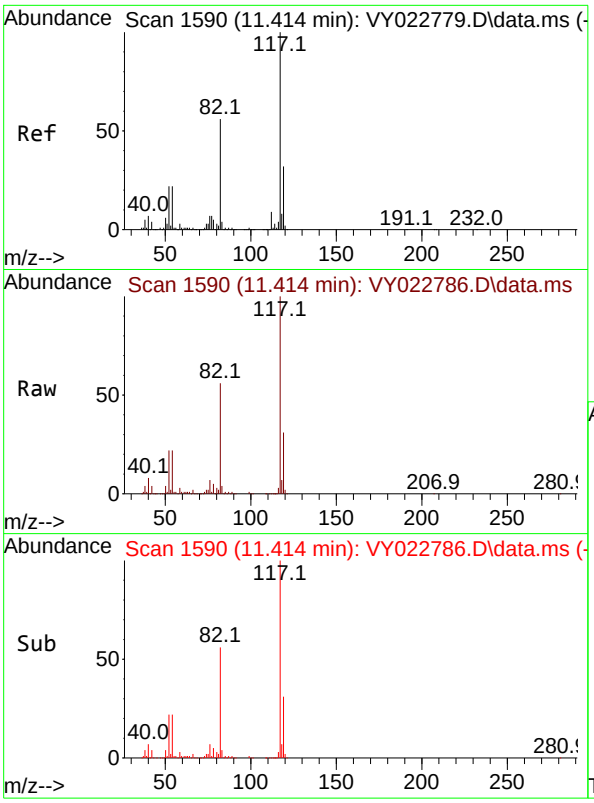


#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 95 Resp: 177906

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	170.0
176	80.6	0.0	166.2



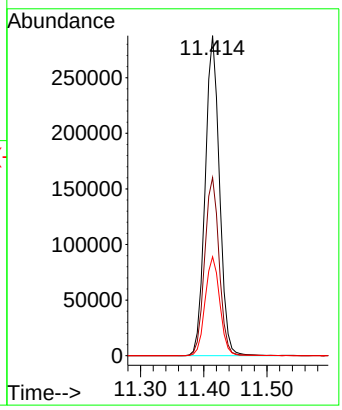


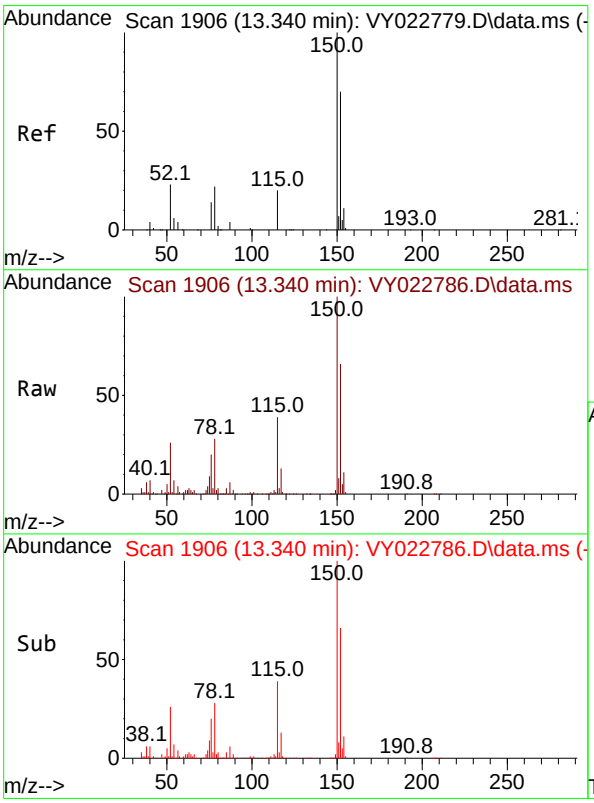
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion:117 Resp: 452693

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	30.9	25.4	38.0

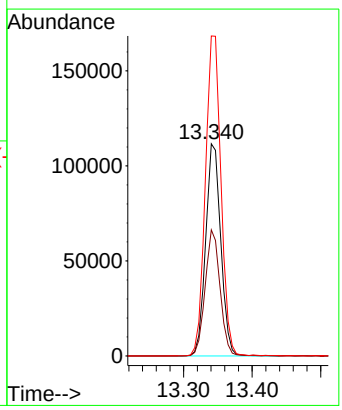




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion:152 Resp: 171409

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.9	86.7
150	155.7	0.0	349.6



Sample Results: **VY022786.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

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\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022786.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	50	58	60	rBV5	10406	24062	1.41%	0.279%
2	4.610	463	474	481	rBV3	13772	39856	2.34%	0.462%
3	5.641	633	643	651	rBV5	12228	37602	2.21%	0.436%
4	7.628	959	969	975	rBV	232756	565797	33.23%	6.562%
5	7.707	975	982	996	rVB	396496	915491	53.77%	10.617%
6	8.061	1029	1040	1050	rBV2	234440	523664	30.75%	6.073%
7	8.610	1122	1130	1149	rBV	648287	1282735	75.33%	14.877%
8	10.103	1365	1375	1383	rBV	1000922	1702759	100.00%	19.748%
9	11.414	1582	1590	1603	rBV	899440	1441043	84.63%	16.713%
10	12.402	1744	1752	1762	rBV	612077	966073	56.74%	11.204%
11	13.340	1900	1906	1918	rVB	704619	1087428	63.86%	12.611%
12	13.883	1989	1995	2002	rBV3	21846	36006	2.11%	0.418%

Sum of corrected areas: 8622516

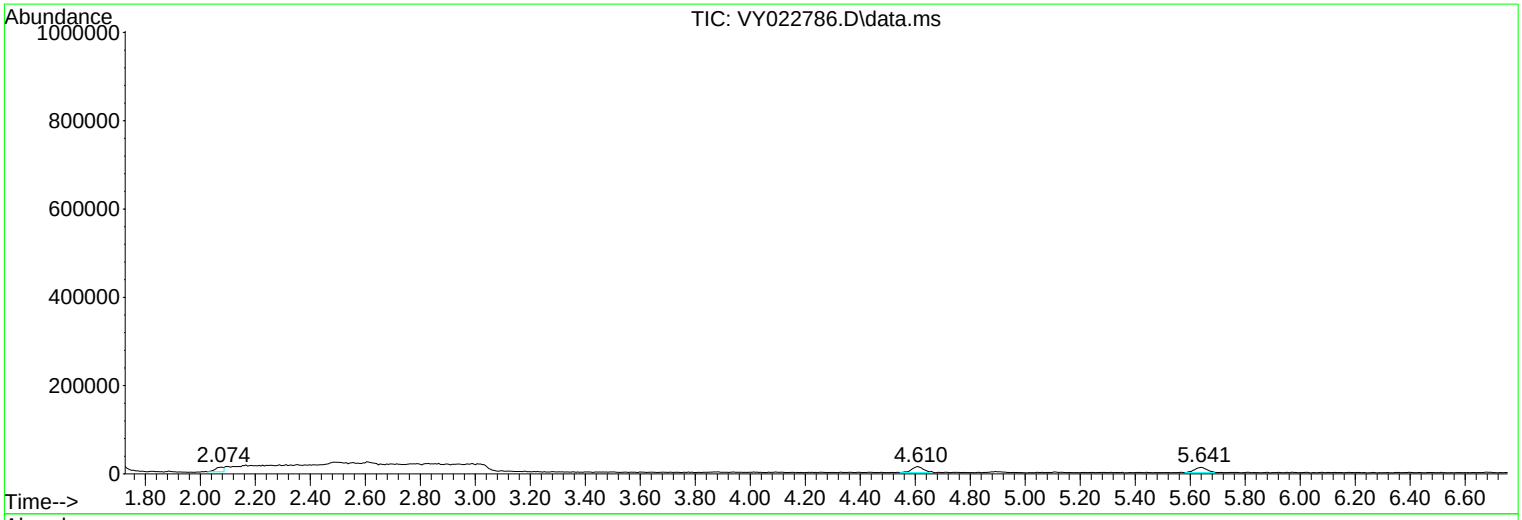
Sample Results: **VY022786.D**

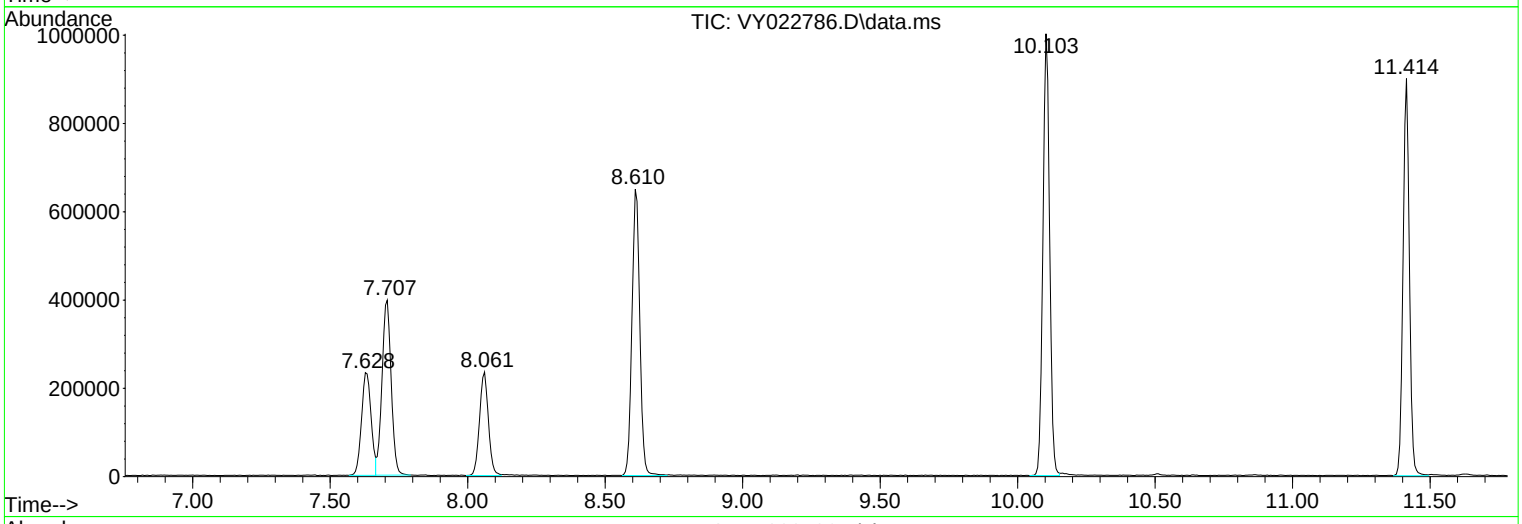
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

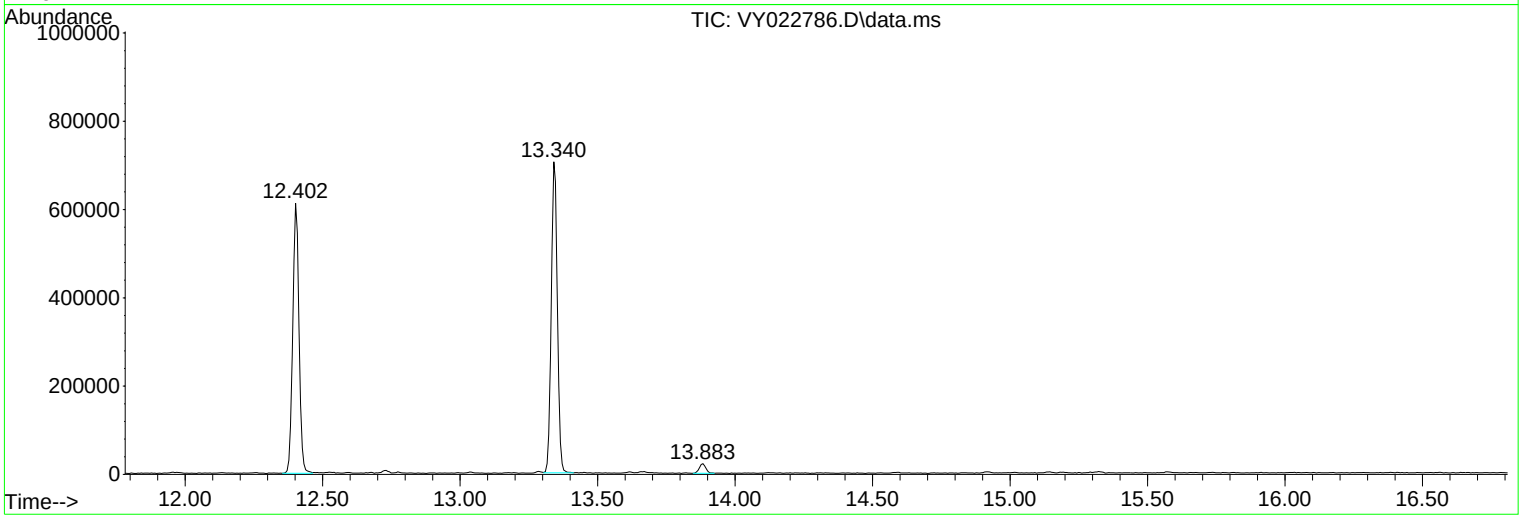
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VY022786.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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\VY062425\
Data File : VY022786.D
Acq On : 24 Jun 2025 10:25
Operator : SY/MD
Sample : VY0624SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	157684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	97419	46.144	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.280%			
35) Dibromofluoromethane	8.171	113	88968	54.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.560%			
50) Toluene-d8	10.565	98	343777	52.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.847	95	122657	50.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	31222	19.859	ug/l	99
3) Chloromethane	2.401	50	33279	16.392	ug/l	99
4) Vinyl Chloride	2.554	62	43027	20.545	ug/l	100
5) Bromomethane	3.001	94	24709	21.083	ug/l	95
6) Chloroethane	3.159	64	25441	18.806	ug/l	94
7) Trichlorofluoromethane	3.530	101	49764	18.187	ug/l	97
8) Diethyl Ether	3.983	74	23946	20.086	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.401	101	35481	20.639	ug/l	99
10) Methyl Iodide	4.618	142	22700	10.186	ug/l #	96
11) Tert butyl alcohol	5.530	59	43413	75.783	ug/l	99
12) 1,1-Dichloroethene	4.371	96	36142	20.593	ug/l	95
13) Acrolein	4.206	56	20508	113.098	ug/l	97
14) Allyl chloride	5.053	41	51049	17.539	ug/l	96
15) Acrylonitrile	5.736	53	119401	89.174	ug/l	100
16) Acetone	4.448	43	88730	79.252	ug/l	99
17) Carbon Disulfide	4.736	76	100527	20.707	ug/l	96
18) Methyl Acetate	5.048	43	51748	15.861	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	122752	19.317	ug/l	99
20) Methylene Chloride	5.300	84	40366	19.258	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	38358	19.644	ug/l	93
22) Diisopropyl ether	6.689	45	107809	17.571	ug/l	98
23) Vinyl Acetate	6.618	43	481515	92.888	ug/l	99
24) 1,1-Dichloroethane	6.583	63	70183	19.877	ug/l	99
25) 2-Butanone	7.489	43	131081	72.028	ug/l	98
26) 2,2-Dichloropropane	7.500	77	52481	19.108	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	42331	18.127	ug/l	98
28) Bromochloromethane	7.824	49	30092	17.334	ug/l	95
29) Tetrahydrofuran	7.847	42	88659	74.785	ug/l	96
30) Chloroform	7.971	83	62338	17.679	ug/l	97
31) Cyclohexane	8.265	56	57067	16.666	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	56031	18.683	ug/l	95
36) 1,1-Dichloropropene	8.377	75	46242	18.932	ug/l	98
37) Ethyl Acetate	7.565	43	52272	16.811	ug/l	96
38) Carbon Tetrachloride	8.365	117	46082	19.217	ug/l	99
39) Methylcyclohexane	9.600	83	52917	15.813	ug/l	98
40) Benzene	8.612	78	150830	18.884	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	27760	15.897	ug/l		95
42) 1,2-Dichloroethane	8.671	62	44728	18.463	ug/l		100
43) Isopropyl Acetate	8.688	43	78108	15.651	ug/l		96
44) Trichloroethene	9.353	130	37089	19.584	ug/l		98
45) 1,2-Dichloropropane	9.624	63	35297	18.165	ug/l		100
46) Dibromomethane	9.712	93	24035	18.622	ug/l		98
47) Bromodichloromethane	9.888	83	52466	19.757	ug/l		99
48) Methyl methacrylate	9.683	41	35273	15.357	ug/l		94
49) 1,4-Dioxane	9.694	88	12050	288.372	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	256020	85.218	ug/l		98
52) Toluene	10.630	92	96538	19.778	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	50673	17.065	ug/l		96
54) cis-1,3-Dichloropropene	10.312	75	57203	18.004	ug/l		94
55) 1,1,2-Trichloroethane	11.018	97	36763	19.574	ug/l		97
56) Ethyl methacrylate	10.882	69	53259	17.804	ug/l		95
57) 1,3-Dichloropropane	11.165	76	64005	19.645	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	164903	92.421	ug/l		99
59) 2-Hexanone	11.206	43	138913	71.783	ug/l		92
60) Dibromochloromethane	11.359	129	39062	19.962	ug/l		99
61) 1,2-Dibromoethane	11.465	107	37827	19.649	ug/l		99
64) Tetrachloroethene	11.100	164	27137	16.389	ug/l		98
65) Chlorobenzene	11.888	112	102726	17.802	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	29389	15.844	ug/l		97
67) Ethyl Benzene	11.959	91	154262	15.520	ug/l		99
68) m/p-Xylenes	12.071	106	129805	34.115	ug/l		98
69) o-Xylene	12.394	106	65487	17.971	ug/l		94
70) Styrene	12.412	104	111151	17.825	ug/l		98
71) Bromoform	12.576	173	25400	18.481	ug/l	#	100
73) Isopropylbenzene	12.694	105	165177	16.567	ug/l		99
74) N-amyl acetate	12.541	43	56328m	16.167	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	59046	17.481	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	55372m	17.021	ug/l		
77) Bromobenzene	12.976	156	41227	18.030	ug/l		97
78) n-propylbenzene	13.035	91	202880	16.744	ug/l		100
79) 2-Chlorotoluene	13.123	91	122858	16.907	ug/l		97
80) 1,3,5-Trimethylbenzene	13.171	105	142152	17.269	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	21196	14.998	ug/l		96
82) 4-Chlorotoluene	13.218	91	120652	16.410	ug/l		99
83) tert-Butylbenzene	13.435	119	117298	15.567	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	138439	16.771	ug/l		99
85) sec-Butylbenzene	13.612	105	168796	15.425	ug/l		99
86) p-Isopropyltoluene	13.723	119	141027	15.591	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	82382	18.312	ug/l		98
88) 1,4-Dichlorobenzene	13.806	146	83902	18.293	ug/l		99
89) n-Butylbenzene	14.053	91	129215	14.748	ug/l		98
90) Hexachloroethane	14.329	117	26223	17.103	ug/l		93
91) 1,2-Dichlorobenzene	14.100	146	79370	18.364	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13277	16.436	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	42757	15.492	ug/l		96
94) Hexachlorobutadiene	15.494	225	12637	12.290	ug/l		95
95) Naphthalene	15.635	128	163050	15.872	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	41187	15.020	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

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

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

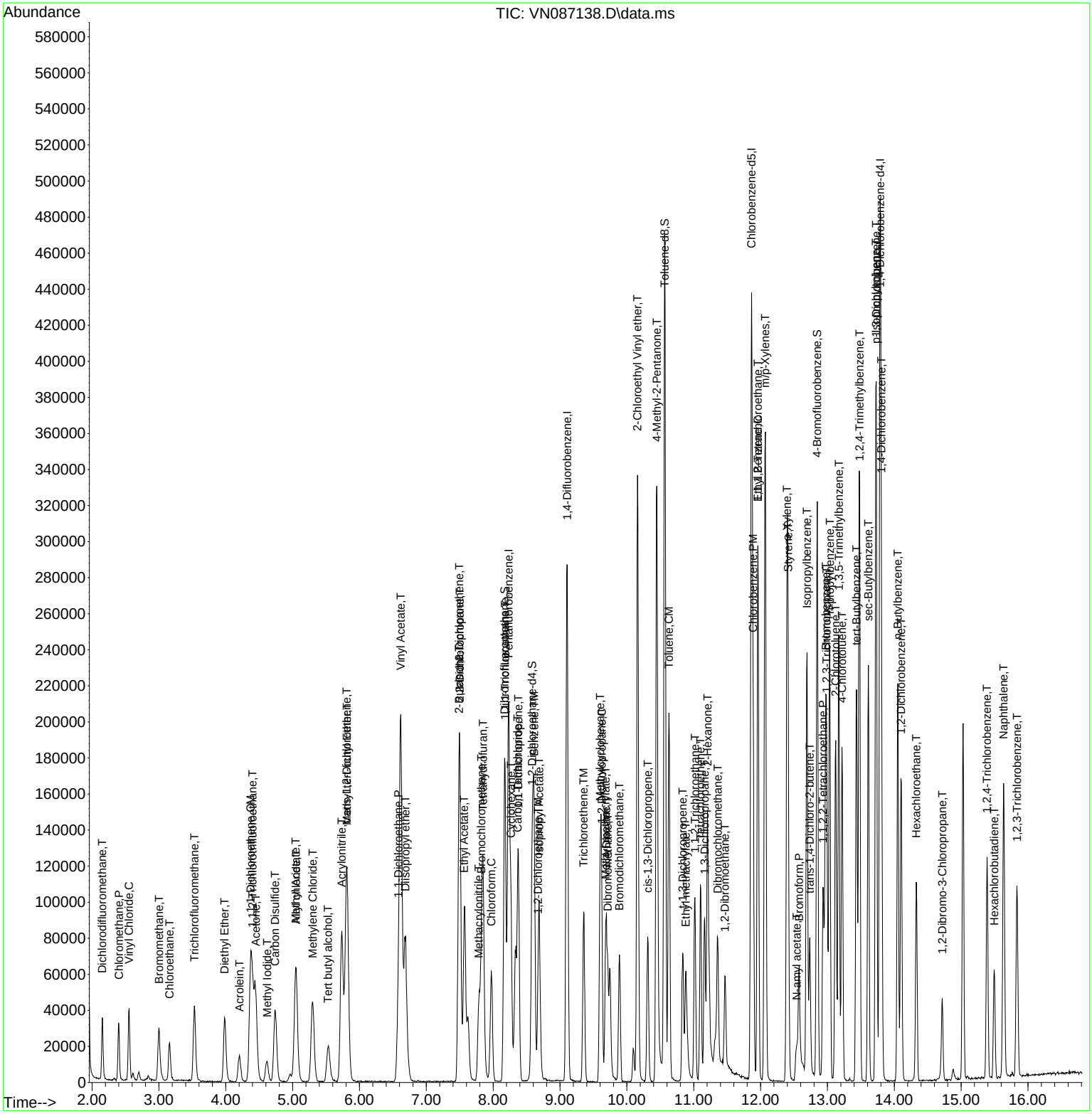
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087138.D
Acq On : 20 Jun 2025 14:48
Operator : JC\MD
Sample : VN0620MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 23:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	175525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111494	47.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.880%			
35) Dibromofluoromethane	8.171	113	96700	52.747	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.565	98	355225	48.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.847	95	136582	50.654	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.159	85	30859	17.633	ug/l	100
3) Chloromethane	2.395	50	34603	15.312	ug/l	95
4) Vinyl Chloride	2.553	62	42994	18.443	ug/l	99
5) Bromomethane	3.000	94	25149	19.277	ug/l	97
6) Chloroethane	3.159	64	27956	18.565	ug/l	100
7) Trichlorofluoromethane	3.536	101	55203	18.124	ug/l	100
8) Diethyl Ether	3.983	74	23264	17.530	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.406	101	35934	18.778	ug/l	98
10) Methyl Iodide	4.612	142	24782	9.990	ug/l #	97
11) Tert butyl alcohol	5.524	59	45018	70.597	ug/l	100
12) 1,1-Dichloroethene	4.371	96	35917	18.385	ug/l	97
13) Acrolein	4.200	56	21752	107.765	ug/l	100
14) Allyl chloride	5.047	41	51986	16.045	ug/l	95
15) Acrylonitrile	5.736	53	118578	79.558	ug/l	100
16) Acetone	4.441	43	92348	74.100	ug/l	95
17) Carbon Disulfide	4.741	76	101940	18.864	ug/l	97
18) Methyl Acetate	5.047	43	50085	13.791	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	121025	17.109	ug/l	100
20) Methylene Chloride	5.300	84	40748	17.464	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	37858	17.417	ug/l	98
22) Diisopropyl ether	6.683	45	112953	16.539	ug/l	95
23) Vinyl Acetate	6.618	43	484866	84.028	ug/l	98
24) 1,1-Dichloroethane	6.583	63	70548	17.950	ug/l	99
25) 2-Butanone	7.494	43	148626	73.368	ug/l	93
26) 2,2-Dichloropropane	7.500	77	61766	20.203	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	46293	17.808	ug/l	99
28) Bromochloromethane	7.818	49	29768	15.404	ug/l	93
29) Tetrahydrofuran	7.847	42	99229	75.194	ug/l	96
30) Chloroform	7.971	83	68661	17.493	ug/l	99
31) Cyclohexane	8.265	56	60904	15.979	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	59190	17.730	ug/l	95
36) 1,1-Dichloropropene	8.377	75	50676	18.551	ug/l	99
37) Ethyl Acetate	7.565	43	58289	16.762	ug/l	99
38) Carbon Tetrachloride	8.371	117	50681	18.897	ug/l	97
39) Methylcyclohexane	9.606	83	57910	15.473	ug/l	98
40) Benzene	8.612	78	162046	18.140	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.782	41	30884	15.813	ug/l		95
42) 1,2-Dichloroethane	8.671	62	48988	18.080	ug/l		99
43) Isopropyl Acetate	8.688	43	89202	15.982	ug/l		96
44) Trichloroethene	9.359	130	39731	18.757	ug/l		92
45) 1,2-Dichloropropane	9.623	63	39587	18.215	ug/l		99
46) Dibromomethane	9.706	93	27680	19.175	ug/l		97
47) Bromodichloromethane	9.888	83	54153	18.233	ug/l		100
48) Methyl methacrylate	9.682	41	39652	15.435	ug/l		93
49) 1,4-Dioxane	9.706	88	14722	315.010	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	274071	81.566	ug/l		99
52) Toluene	10.629	92	100814	18.467	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	60478	18.211	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	65112	18.324	ug/l		96
55) 1,1,2-Trichloroethane	11.018	97	39117	18.622	ug/l		98
56) Ethyl methacrylate	10.882	69	56904	17.008	ug/l		96
57) 1,3-Dichloropropane	11.159	76	66495	18.248	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	186921	93.668	ug/l		98
59) 2-Hexanone	11.206	43	155665	71.922	ug/l		97
60) Dibromochloromethane	11.359	129	41541	18.981	ug/l		100
61) 1,2-Dibromoethane	11.470	107	38593	17.925	ug/l		100
64) Tetrachloroethene	11.106	164	31373	17.938	ug/l		95
65) Chlorobenzene	11.888	112	111752	18.335	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	36027	18.388	ug/l		98
67) Ethyl Benzene	11.965	91	182457	17.379	ug/l		99
68) m/p-Xylenes	12.070	106	145543	36.215	ug/l		98
69) o-Xylene	12.394	106	69256	17.993	ug/l		96
70) Styrene	12.412	104	118347	17.968	ug/l		99
71) Bromoform	12.576	173	27315	18.816	ug/l	#	99
73) Isopropylbenzene	12.694	105	174431	17.129	ug/l		100
74) N-amyl acetate	12.535	43	57304m	16.103	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	60134	17.430	ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	57810m	17.398	ug/l		
77) Bromobenzene	12.976	156	41900	17.941	ug/l		97
78) n-propylbenzene	13.029	91	205013	16.566	ug/l		99
79) 2-Chlorotoluene	13.123	91	123820	16.683	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	143011	17.009	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	23961	16.600	ug/l	#	90
82) 4-Chlorotoluene	13.217	91	129411	17.233	ug/l		99
83) tert-Butylbenzene	13.435	119	120615	15.672	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	142065	16.850	ug/l		100
85) sec-Butylbenzene	13.611	105	172448	15.429	ug/l		99
86) p-Isopropyltoluene	13.723	119	144541	15.645	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	82764	18.012	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	83417	17.806	ug/l		98
89) n-Butylbenzene	14.053	91	127349	14.231	ug/l		100
90) Hexachloroethane	14.329	117	26252	16.763	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	77812	17.626	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12270	14.871	ug/l		96
93) 1,2,4-Trichlorobenzene	15.388	180	42639	15.126	ug/l		99
94) Hexachlorobutadiene	15.494	225	11909	11.339	ug/l		98
95) Naphthalene	15.635	128	159170	15.170	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	41264	14.733	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

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

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

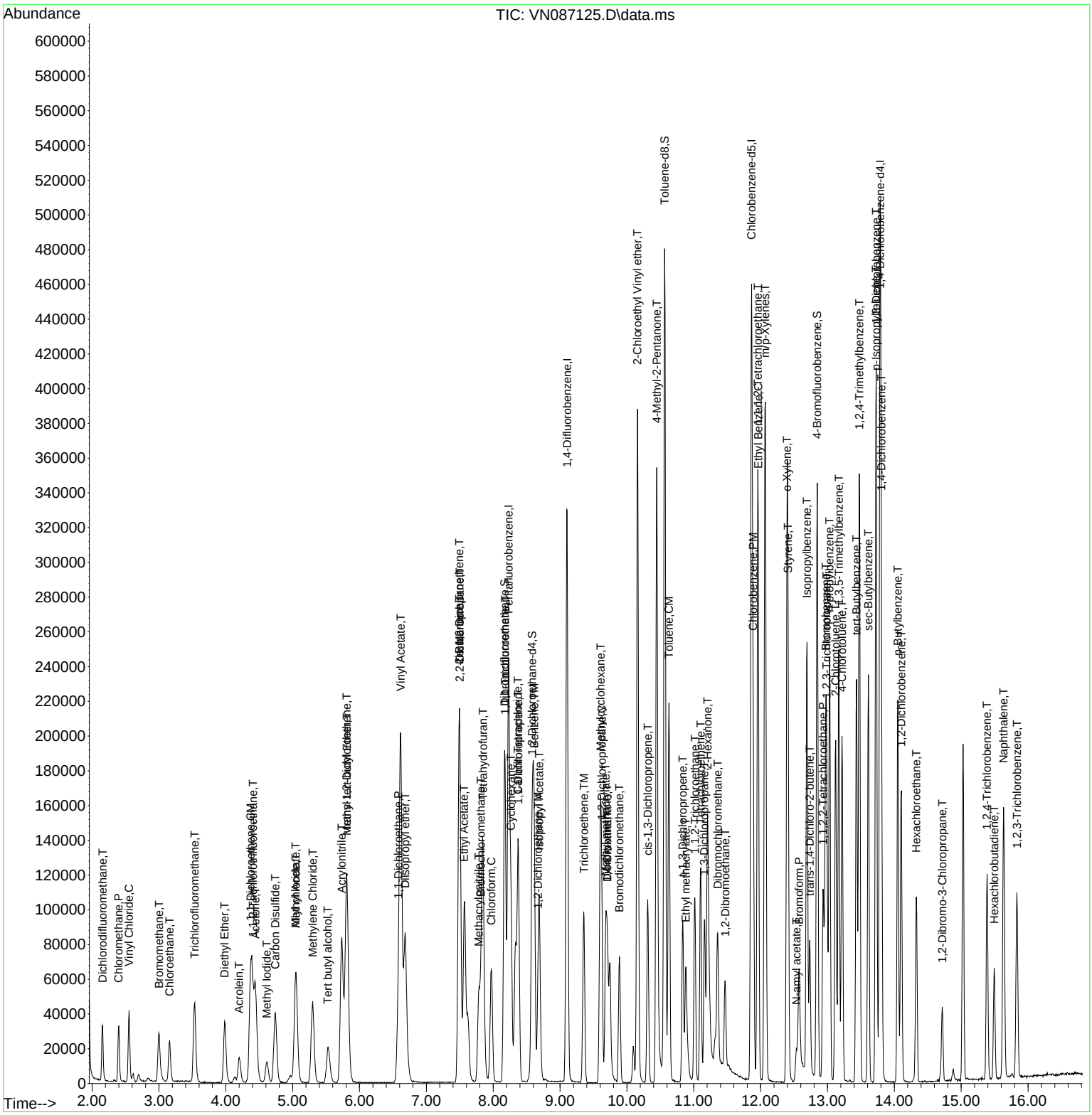
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087125.D
Acq On : 20 Jun 2025 10:06
Operator : JC\MD
Sample : VN0620WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94946	49.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.520%			
35) Dibromofluoromethane	5.397	113	78196	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	282602	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.079	95	108869	54.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	28069	19.060	ug/l	97
3) Chloromethane	1.307	50	29736	18.707	ug/l	99
4) Vinyl Chloride	1.386	62	32033	18.898	ug/l	93
5) Bromomethane	1.630	94	20191	21.172	ug/l	93
6) Chloroethane	1.709	64	20468	19.923	ug/l	98
7) Trichlorofluoromethane	1.910	101	47476	18.446	ug/l	99
8) Diethyl Ether	2.148	74	16252	18.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	29254	18.528	ug/l	99
10) Methyl Iodide	2.471	142	29614	18.018	ug/l	99
11) Tert butyl alcohol	2.959	59	10810	63.126	ug/l	97
12) 1,1-Dichloroethene	2.337	96	28292	18.570	ug/l	97
13) Acrolein	2.251	56	18186	72.910	ug/l	98
14) Allyl chloride	2.684	41	49324	17.868	ug/l	99
15) Acrylonitrile	3.075	53	62463	81.119	ug/l	98
16) Acetone	2.386	43	47143	74.096	ug/l	96
17) Carbon Disulfide	2.532	76	78405	17.041	ug/l	98
18) Methyl Acetate	2.715	43	25862	16.004	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	80635	16.997	ug/l	98
20) Methylene Chloride	2.806	84	32048	18.113	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	29757	18.253	ug/l	99
22) Diisopropyl ether	3.769	45	100392	18.921	ug/l	94
23) Vinyl Acetate	3.733	43	365712	86.676	ug/l	100
24) 1,1-Dichloroethane	3.623	63	55663	18.477	ug/l	99
25) 2-Butanone	4.568	43	70964m	78.864	ug/l	
26) 2,2-Dichloropropane	4.489	77	39442	17.951	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	35547	18.560	ug/l	98
28) Bromochloromethane	4.910	49	28430	20.816	ug/l	99
29) Tetrahydrofuran	5.013	42	44591	76.721	ug/l	99
30) Chloroform	5.105	83	57187	18.982	ug/l	93
31) Cyclohexane	5.483	56	53811	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	46675	17.665	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40684	18.754	ug/l	99
37) Ethyl Acetate	4.727	43	31829	15.895	ug/l	98
38) Carbon Tetrachloride	5.690	117	42451	18.031	ug/l	99
39) Methylcyclohexane	7.385	83	52931	18.541	ug/l	99
40) Benzene	6.050	78	121111	18.864	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17227	16.137	ug/l		99
42) 1,2-Dichloroethane	6.092	62	41780	18.518	ug/l		100
43) Isopropyl Acetate	6.348	43	51032	16.286	ug/l		99
44) Trichloroethene	7.135	130	30093	18.392	ug/l		99
45) 1,2-Dichloropropane	7.433	63	29323	18.429	ug/l		95
46) Dibromomethane	7.592	93	20791	18.181	ug/l		99
47) Bromodichloromethane	7.824	83	44034	18.870	ug/l		99
48) Methyl methacrylate	7.696	41	25618	16.301	ug/l		98
49) 1,4-Dioxane	7.659	88	6374	299.149	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	152568	81.636	ug/l		98
52) Toluene	8.720	92	75814	19.048	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	38942	17.985	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	44663	18.171	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	27505	18.544	ug/l		99
56) Ethyl methacrylate	9.116	69	37095	16.942	ug/l		98
57) 1,3-Dichloropropane	9.311	76	47213	18.484	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	101869	89.565	ug/l		99
59) 2-Hexanone	9.427	43	101986	78.935	ug/l		100
60) Dibromochloromethane	9.518	129	32154	18.395	ug/l		100
61) 1,2-Dibromoethane	9.610	107	27221	18.042	ug/l		100
64) Tetrachloroethene	9.275	164	25376	17.655	ug/l		95
65) Chlorobenzene	10.079	112	82392	17.991	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27463	17.843	ug/l		98
67) Ethyl Benzene	10.195	91	144047	18.002	ug/l		97
68) m/p-Xylenes	10.299	106	111044	37.244	ug/l		100
69) o-Xylene	10.640	106	51894	18.572	ug/l		98
70) Styrene	10.652	104	89289	18.260	ug/l		99
71) Bromoform	10.799	173	19576	16.701	ug/l	#	98
73) Isopropylbenzene	10.957	105	139510	18.100	ug/l		99
74) N-amyl acetate	10.841	43	46412	15.893	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37312	17.337	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	29393m	15.335	ug/l		
77) Bromobenzene	11.195	156	33896	18.275	ug/l		99
78) n-propylbenzene	11.299	91	168589	18.415	ug/l		99
79) 2-Chlorotoluene	11.360	91	99687	18.238	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	115409	18.221	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	10102	14.897	ug/l		96
82) 4-Chlorotoluene	11.451	91	116713	18.296	ug/l		99
83) tert-Butylbenzene	11.713	119	118027	18.027	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	116817	18.357	ug/l		99
85) sec-Butylbenzene	11.890	105	153043	18.496	ug/l		100
86) p-Isopropyltoluene	12.006	119	127841	18.312	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	64330	17.788	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	64856	17.460	ug/l		99
89) n-Butylbenzene	12.329	91	118756	17.915	ug/l		100
90) Hexachloroethane	12.536	117	20652	16.893	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	61156	18.096	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6425	15.122	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	41109	17.110	ug/l		98
94) Hexachlorobutadiene	13.719	225	17833	17.644	ug/l		96
95) Naphthalene	13.774	128	110507	16.144	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	40546	17.639	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

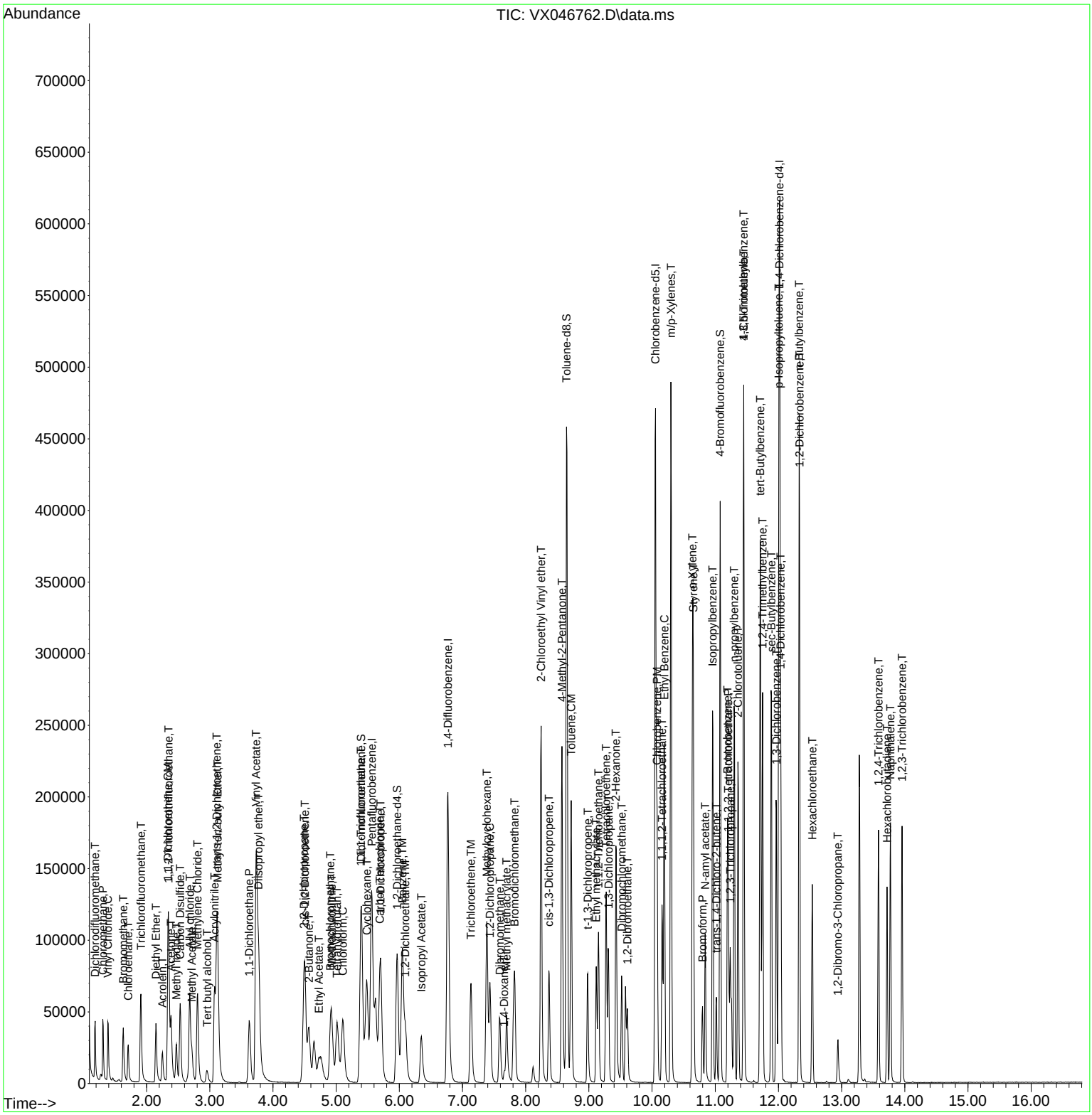
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	456381	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	765818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	658494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	311846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	258457	50.741	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.480%			
35) Dibromofluoromethane	7.628	113	237954	51.092	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.103	98	937358	50.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.402	95	288353	48.536	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	80681	20.674	ug/l	98
3) Chloromethane	2.068	50	151870	20.380	ug/l	99
4) Vinyl Chloride	2.202	62	189178	20.320	ug/l	99
5) Bromomethane	2.586	94	156887	21.435	ug/l	97
6) Chloroethane	2.726	64	126812	20.264	ug/l	95
7) Trichlorofluoromethane	3.043	101	207987	20.176	ug/l	96
8) Diethyl Ether	3.452	74	51539	20.242	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	96792	20.546	ug/l	98
10) Methyl Iodide	4.001	142	89629	17.474	ug/l	100
11) Tert butyl alcohol	4.866	59	33635	99.308	ug/l	97
12) 1,1-Dichloroethene	3.781	96	92667	20.060	ug/l	95
13) Acrolein	3.647	56	47424	103.260	ug/l	95
14) Allyl chloride	4.379	41	146217	20.579	ug/l	93
15) Acrylonitrile	5.055	53	107474	101.169	ug/l	99
16) Acetone	3.873	43	99768	103.629	ug/l	99
17) Carbon Disulfide	4.104	76	305830	20.494	ug/l	98
18) Methyl Acetate	4.379	43	59655	18.711	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	252967	20.111	ug/l	96
20) Methylene Chloride	4.610	84	110970	18.252	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	106564	20.184	ug/l	94
22) Diisopropyl ether	6.012	45	321027	20.345	ug/l	96
23) Vinyl Acetate	5.958	43	906576	104.027	ug/l	100
24) 1,1-Dichloroethane	5.909	63	195430	20.504	ug/l	99
25) 2-Butanone	6.890	43	143746	102.588	ug/l	99
26) 2,2-Dichloropropane	6.884	77	164624	20.605	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	122077	19.899	ug/l	98
28) Bromochloromethane	7.238	49	82032	20.472	ug/l	95
29) Tetrahydrofuran	7.256	42	89736	101.422	ug/l	98
30) Chloroform	7.415	83	194987	19.863	ug/l	97
31) Cyclohexane	7.701	56	175827	20.097	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	173928	20.502	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143801	20.370	ug/l	100
37) Ethyl Acetate	6.982	43	63401	20.813	ug/l	98
38) Carbon Tetrachloride	7.817	117	148557	19.944	ug/l	96
39) Methylcyclohexane	9.103	83	183335	20.068	ug/l	97
40) Benzene	8.079	78	436818	20.126	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	34505	18.399	ug/l		95
42) 1,2-Dichloroethane	8.158	62	119482	20.089	ug/l		99
43) Isopropyl Acetate	8.195	43	126183	19.930	ug/l		99
44) Trichloroethene	8.859	130	108598	19.929	ug/l		96
45) 1,2-Dichloropropane	9.140	63	102981	20.273	ug/l		97
46) Dibromomethane	9.225	93	57676	20.001	ug/l		95
47) Bromodichloromethane	9.420	83	152012	20.443	ug/l		97
48) Methyl methacrylate	9.219	41	59051	19.401	ug/l		93
49) 1,4-Dioxane	9.225	88	13754	403.709	ug/l		99
51) 4-Methyl-2-Pentanone	9.993	43	326652	101.528	ug/l		97
52) Toluene	10.164	92	270533	19.757	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	131291	19.624	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	156954	20.233	ug/l		95
55) 1,1,2-Trichloroethane	10.566	97	75639	20.257	ug/l		98
56) Ethyl methacrylate	10.438	69	96651	19.239	ug/l		97
57) 1,3-Dichloropropane	10.713	76	130811	20.079	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	237217	99.871	ug/l		98
59) 2-Hexanone	10.755	43	215777	98.645	ug/l		98
60) Dibromochloromethane	10.908	129	94732	19.641	ug/l		100
61) 1,2-Dibromoethane	11.012	107	69777	19.969	ug/l		97
64) Tetrachloroethene	10.646	164	115603	18.583	ug/l		96
65) Chlorobenzene	11.438	112	285635	19.741	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	94942	19.373	ug/l		99
67) Ethyl Benzene	11.518	91	494938	19.469	ug/l		97
68) m/p-Xylenes	11.627	106	383028	38.976	ug/l		100
69) o-Xylene	11.950	106	176241	19.033	ug/l		96
70) Styrene	11.963	104	296321	19.104	ug/l		100
71) Bromoform	12.127	173	51385	18.830	ug/l	#	98
73) Isopropylbenzene	12.249	105	464061	20.121	ug/l		100
74) N-amyl acetate	12.066	43	105914	20.459	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.499	83	81128	21.826	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	64712m	20.326	ug/l		
77) Bromobenzene	12.523	156	103685	19.834	ug/l		100
78) n-propylbenzene	12.591	91	564023	20.256	ug/l		99
79) 2-Chlorotoluene	12.676	91	314954	20.020	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	370288	19.889	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.298	75	25639	20.346	ug/l		98
82) 4-Chlorotoluene	12.773	91	326505	19.758	ug/l		99
83) tert-Butylbenzene	12.993	119	327400	19.940	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	368212	19.754	ug/l		99
85) sec-Butylbenzene	13.170	105	491676	19.902	ug/l		99
86) p-Isopropyltoluene	13.285	119	405641	19.731	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	206895	19.706	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	203188	19.483	ug/l		99
89) n-Butylbenzene	13.615	91	378895	19.593	ug/l		99
90) Hexachloroethane	13.871	117	83492	20.390	ug/l		96
91) 1,2-Dichlorobenzene	13.651	146	179542	19.405	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12253	19.439	ug/l		95
93) 1,2,4-Trichlorobenzene	14.913	180	99715	19.088	ug/l		99
94) Hexachlorobutadiene	15.017	225	56915	19.267	ug/l		98
95) Naphthalene	15.139	128	173849	18.403	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	85697	18.985	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

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

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

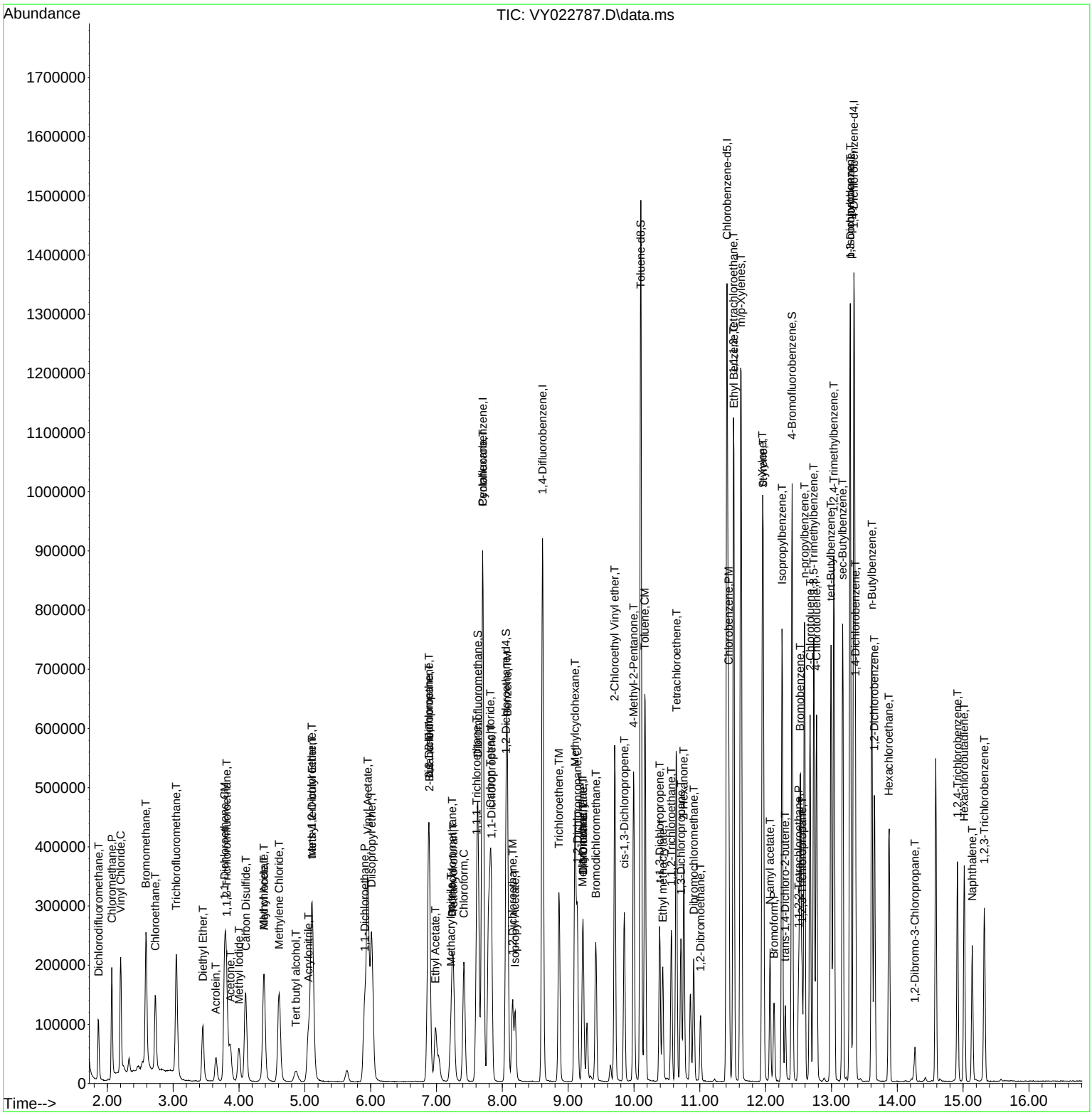
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022787.D
Acq On : 24 Jun 2025 10:58
Operator : SY/MD
Sample : VY0624SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 01:21:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	120371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85794	51.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.060%			
35) Dibromofluoromethane	5.391	113	69686	52.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.647	98	249730	52.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	97074	54.915	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	25471	19.820	ug/l	99
3) Chloromethane	1.307	50	27061	19.509	ug/l	96
4) Vinyl Chloride	1.386	62	29098	19.672	ug/l	95
5) Bromomethane	1.630	94	18436	22.153	ug/l	93
6) Chloroethane	1.703	64	18444	20.573	ug/l	95
7) Trichlorofluoromethane	1.904	101	43435	19.339	ug/l	97
8) Diethyl Ether	2.148	74	15726	20.402	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	27115	19.679	ug/l	98
10) Methyl Iodide	2.465	142	30018	20.229	ug/l	98
11) Tert butyl alcohol	2.959	59	10932	73.154	ug/l	96
12) 1,1-Dichloroethene	2.337	96	25867	19.455	ug/l	98
13) Acrolein	2.245	56	18810	86.416	ug/l	97
14) Allyl chloride	2.678	41	45893	19.051	ug/l	100
15) Acrylonitrile	3.068	53	61358	91.312	ug/l	99
16) Acetone	2.386	43	45269	81.534	ug/l	95
17) Carbon Disulfide	2.526	76	72150	17.970	ug/l	99
18) Methyl Acetate	2.709	43	25035	17.753	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	77256	18.661	ug/l	98
20) Methylene Chloride	2.800	84	29836	19.323	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	27280	19.176	ug/l	97
22) Diisopropyl ether	3.764	45	94092	20.321	ug/l	87
23) Vinyl Acetate	3.733	43	359723	97.697	ug/l	100
24) 1,1-Dichloroethane	3.623	63	50927	19.372	ug/l	100
25) 2-Butanone	4.562	43	68340	87.030	ug/l	97
26) 2,2-Dichloropropane	4.489	77	36206	18.883	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	32489	19.438	ug/l	100
28) Bromochloromethane	4.910	49	27522	23.092	ug/l	97
29) Tetrahydrofuran	5.013	42	43894	86.542	ug/l	99
30) Chloroform	5.099	83	53771	20.452	ug/l	97
31) Cyclohexane	5.477	56	49014	19.660	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	44445	19.276	ug/l	99
36) 1,1-Dichloropropene	5.702	75	35819	18.799	ug/l	97
37) Ethyl Acetate	4.721	43	31001	17.627	ug/l	98
38) Carbon Tetrachloride	5.684	117	39531	19.117	ug/l	99
39) Methylcyclohexane	7.385	83	47544	18.962	ug/l	99
40) Benzene	6.044	78	112866	20.015	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17801	18.985	ug/l		96
42) 1,2-Dichloroethane	6.092	62	39829	20.100	ug/l		99
43) Isopropyl Acetate	6.342	43	50813	18.463	ug/l		99
44) Trichloroethene	7.129	130	27765	19.321	ug/l		89
45) 1,2-Dichloropropane	7.427	63	28336	20.276	ug/l		92
46) Dibromomethane	7.580	93	19978	19.891	ug/l		99
47) Bromodichloromethane	7.824	83	41221	20.112	ug/l		99
48) Methyl methacrylate	7.696	41	26092	18.904	ug/l		100
49) 1,4-Dioxane	7.659	88	6068	321.885	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	150700	91.811	ug/l		98
52) Toluene	8.720	92	70998	20.310	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	37151	19.536	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	43044	19.939	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	26588	20.409	ug/l		98
56) Ethyl methacrylate	9.116	69	35838	18.636	ug/l		97
57) 1,3-Dichloropropane	9.305	76	45490	20.277	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	100239	100.344	ug/l		99
59) 2-Hexanone	9.427	43	100820	88.846	ug/l		100
60) Dibromochloromethane	9.519	129	30624	19.947	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26614	20.084	ug/l		98
64) Tetrachloroethene	9.275	164	23913	18.778	ug/l		98
65) Chlorobenzene	10.079	112	78801	19.421	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26522	19.449	ug/l		100
67) Ethyl Benzene	10.195	91	135702	19.141	ug/l		99
68) m/p-Xylenes	10.299	106	102519	38.810	ug/l		99
69) o-Xylene	10.640	106	49068	19.820	ug/l		99
70) Styrene	10.653	104	85333	19.696	ug/l		98
71) Bromoform	10.799	173	19127	18.418	ug/l	#	98
73) Isopropylbenzene	10.957	105	129881	18.592	ug/l		100
74) N-amyl acetate	10.842	43	45562	17.214	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35939	18.425	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	29301m	16.867	ug/l		
77) Bromobenzene	11.195	156	31899	18.976	ug/l		98
78) n-propylbenzene	11.299	91	156018	18.803	ug/l		100
79) 2-Chlorotoluene	11.360	91	92310	18.633	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	108639	18.925	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9561	15.556	ug/l		95
82) 4-Chlorotoluene	11.451	91	108666	18.795	ug/l		99
83) tert-Butylbenzene	11.713	119	108810	18.337	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	108849	18.872	ug/l		100
85) sec-Butylbenzene	11.890	105	141281	18.839	ug/l		100
86) p-Isopropyltoluene	12.006	119	118528	18.732	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	60812	18.553	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	59834	17.772	ug/l		98
89) n-Butylbenzene	12.329	91	111302	18.526	ug/l		99
90) Hexachloroethane	12.536	117	19081	17.220	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	58188	18.997	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6206	16.116	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	39871	18.309	ug/l		99
94) Hexachlorobutadiene	13.719	225	17144	18.715	ug/l		96
95) Naphthalene	13.774	128	107578	17.340	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	37893	18.189	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

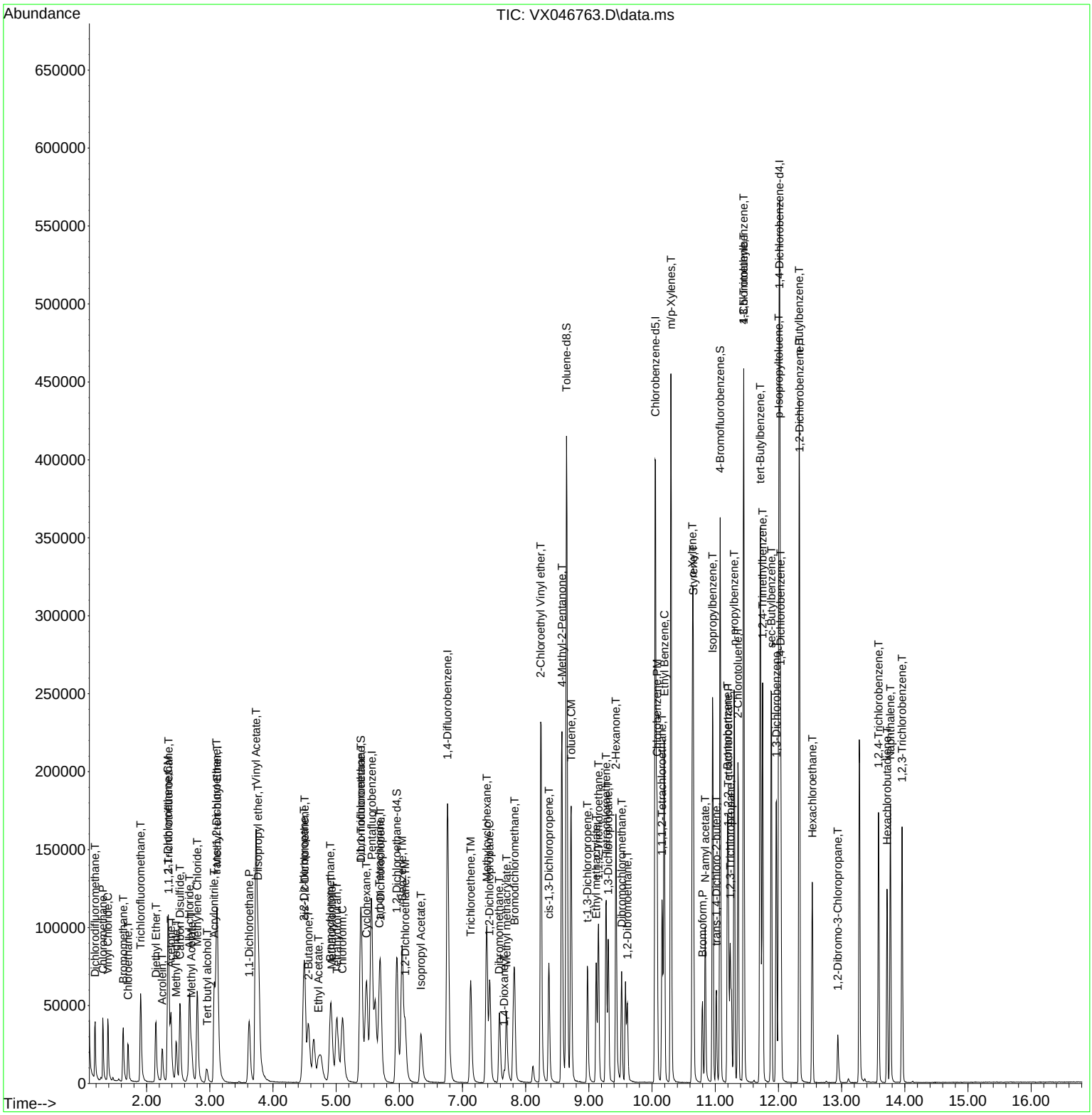
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	454676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	751533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	644021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	246467	48.568	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.140%			
35) Dibromofluoromethane	7.634	113	227031	49.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.340%			
50) Toluene-d8	10.103	98	915700	50.490	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.401	95	277996	47.682	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	83841	21.564	ug/l	100
3) Chloromethane	2.068	50	148016	19.937	ug/l	98
4) Vinyl Chloride	2.196	62	190974	20.590	ug/l	97
5) Bromomethane	2.586	94	149920	20.560	ug/l	100
6) Chloroethane	2.726	64	124997	20.048	ug/l	93
7) Trichlorofluoromethane	3.043	101	212732	20.713	ug/l	100
8) Diethyl Ether	3.446	74	49045	19.335	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	98481	20.983	ug/l	98
10) Methyl Iodide	4.000	142	94235	18.441	ug/l	100
11) Tert butyl alcohol	4.860	59	31222	92.529	ug/l #	73
12) 1,1-Dichloroethene	3.781	96	91858	19.960	ug/l	98
13) Acrolein	3.647	56	43455	94.972	ug/l	99
14) Allyl chloride	4.378	41	140797	19.890	ug/l	95
15) Acrylonitrile	5.049	53	101092	95.519	ug/l	99
16) Acetone	3.860	43	90320	94.167	ug/l	99
17) Carbon Disulfide	4.098	76	304896	20.508	ug/l	99
18) Methyl Acetate	4.378	43	55496	17.471	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	239186	19.087	ug/l	98
20) Methylene Chloride	4.604	84	108504	17.913	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	104363	19.842	ug/l	96
22) Diisopropyl ether	6.018	45	314393	19.999	ug/l	97
23) Vinyl Acetate	5.957	43	854467	98.416	ug/l	99
24) 1,1-Dichloroethane	5.909	63	192393	20.261	ug/l	99
25) 2-Butanone	6.890	43	130645	93.588	ug/l	98
26) 2,2-Dichloropropane	6.878	77	160327	20.142	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	119261	19.513	ug/l	99
28) Bromochloromethane	7.238	49	80516	20.169	ug/l	94
29) Tetrahydrofuran	7.256	42	81271	92.199	ug/l	98
30) Chloroform	7.414	83	192735	19.707	ug/l	92
31) Cyclohexane	7.695	56	175872	20.177	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	172060	20.358	ug/l	99
36) 1,1-Dichloropropene	7.829	75	140846	20.331	ug/l	100
37) Ethyl Acetate	6.982	43	56563	18.921	ug/l	97
38) Carbon Tetrachloride	7.811	117	150312	20.563	ug/l	99
39) Methylcyclohexane	9.103	83	182366	20.342	ug/l	99
40) Benzene	8.079	78	429271	20.154	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	36099m	19.615	ug/l		
42) 1,2-Dichloroethane	8.152	62	118209	20.253	ug/l		99
43) Isopropyl Acetate	8.195	43	117125	18.851	ug/l		97
44) Trichloroethene	8.859	130	110197	20.606	ug/l		99
45) 1,2-Dichloropropane	9.140	63	99722	20.004	ug/l		97
46) Dibromomethane	9.225	93	54686	19.325	ug/l		96
47) Bromodichloromethane	9.420	83	145543	19.945	ug/l		100
48) Methyl methacrylate	9.219	41	57360	19.204	ug/l		95
49) 1,4-Dioxane	9.225	88	12854	384.463	ug/l		94
51) 4-Methyl-2-Pentanone	9.993	43	299993	95.014	ug/l		98
52) Toluene	10.170	92	268868	20.009	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	126826	19.317	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	149508	19.639	ug/l		98
55) 1,1,2-Trichloroethane	10.566	97	72385	19.754	ug/l		99
56) Ethyl methacrylate	10.438	69	89037	18.060	ug/l		97
57) 1,3-Dichloropropane	10.713	76	125029	19.557	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	230138	98.911	ug/l		99
59) 2-Hexanone	10.755	43	194180	90.459	ug/l		97
60) Dibromochloromethane	10.908	129	92711	19.588	ug/l		97
61) 1,2-Dibromoethane	11.011	107	65644	19.144	ug/l		96
64) Tetrachloroethene	10.646	164	131649	21.638	ug/l		97
65) Chlorobenzene	11.438	112	284096	20.076	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	92635	19.327	ug/l		99
67) Ethyl Benzene	11.517	91	499591	20.093	ug/l		99
68) m/p-Xylenes	11.627	106	379372	39.471	ug/l		99
69) o-Xylene	11.950	106	174833	19.305	ug/l		98
70) Styrene	11.962	104	293422	19.343	ug/l		99
71) Bromoform	12.127	173	50804	19.036	ug/l	#	98
73) Isopropylbenzene	12.249	105	460433	20.509	ug/l		99
74) N-amyl acetate	12.066	43	99500	19.745	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.499	83	67748	18.724	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	61464m	19.833	ug/l		
77) Bromobenzene	12.523	156	102341	20.111	ug/l		99
78) n-propylbenzene	12.590	91	563511	20.789	ug/l		99
79) 2-Chlorotoluene	12.676	91	313424	20.466	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	370540	20.445	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	22608	18.430	ug/l		92
82) 4-Chlorotoluene	12.773	91	323940	20.138	ug/l		99
83) tert-Butylbenzene	12.993	119	325208	20.346	ug/l		99
84) 1,2,4-Trimethylbenzene	13.035	105	365641	20.151	ug/l		100
85) sec-Butylbenzene	13.169	105	494743	20.573	ug/l		99
86) p-Isopropyltoluene	13.285	119	404814	20.228	ug/l		100
87) 1,3-Dichlorobenzene	13.279	146	205201	20.078	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	199889	19.689	ug/l		98
89) n-Butylbenzene	13.615	91	383849	20.391	ug/l		99
90) Hexachloroethane	13.871	117	85343	21.411	ug/l		98
91) 1,2-Dichlorobenzene	13.651	146	178210	19.787	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11713	19.089	ug/l		97
93) 1,2,4-Trichlorobenzene	14.913	180	101486	19.957	ug/l		97
94) Hexachlorobutadiene	15.017	225	59456	20.676	ug/l		97
95) Naphthalene	15.139	128	172250	18.731	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	85584	19.477	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

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

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

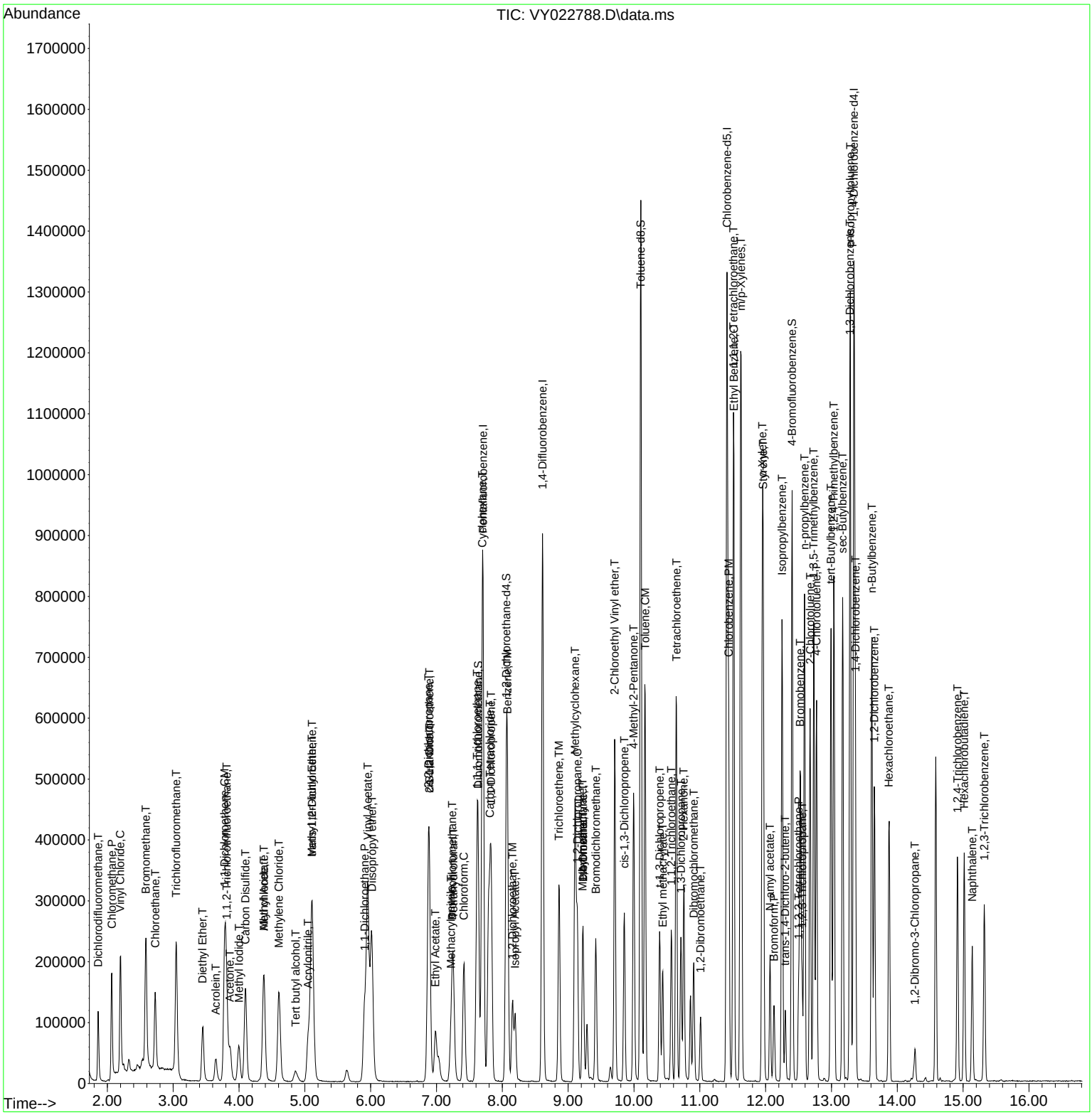
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022788.D
Acq On : 24 Jun 2025 11:21
Operator : SY/MD
Sample : VY0624SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 01:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



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

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086862.D	1,1,2-Trichlorotrifluoroethane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	2-Hexanone	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	N-amyl acetate	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	N-amyl acetate	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC020	VN086864.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:19 AM	MMDadoda	6/9/2025 1:13:21 PM	Peak Integrated by Software
VSTDICCC050	VN086865.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:25 AM	MMDadoda	6/9/2025 1:13:23 PM	Peak Integrated by Software
VSTDICC100	VN086866.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:29 AM	MMDadoda	6/9/2025 1:13:28 PM	Peak Integrated by Software
VSTDICC150	VN086867.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:34 AM	MMDadoda	6/9/2025 1:13:30 PM	Peak Integrated by Software
VSTDICV050	VN086869.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:38 AM	MMDadoda	6/9/2025 1:13:34 PM	Peak Integrated by Software
VSTDCCC050	VN086886.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:55 AM	MMDadoda	6/9/2025 1:13:44 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

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

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

Manual Integration Report

Sequence:	vn062025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087122.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:55:45 AM	MMDadoda	6/23/2025 1:18:11 PM	Peak Integrated by Software
VN0620WBS01	VN087125.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:55:50 AM	MMDadoda	6/23/2025 1:18:15 PM	Peak Integrated by Software
VN0620WBS01	VN087125.D	N-amyl acetate	JOHN	6/23/2025 8:55:50 AM	MMDadoda	6/23/2025 1:18:15 PM	Peak Integrated by Software
VN0620MBS01	VN087138.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:56:14 AM	MMDadoda	6/23/2025 1:18:21 PM	Peak Integrated by Software
VN0620MBS01	VN087138.D	N-amyl acetate	JOHN	6/23/2025 8:56:14 AM	MMDadoda	6/23/2025 1:18:21 PM	Peak Integrated by Software
VSTDCCC050	VN087147.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:56:27 AM	MMDadoda	6/23/2025 1:18:27 PM	Peak Integrated by Software
VSTDCCC050	VN087147.D	N-amyl acetate	JOHN	6/23/2025 8:56:27 AM	MMDadoda	6/23/2025 1:18:27 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046718.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:26:54 PM	MMDadoda	6/18/2025 6:21:14 PM	Peak Integrated by Software
VSTDICC020	VX046719.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:04 PM	MMDadoda	6/18/2025 6:21:20 PM	Peak Integrated by Software
VSTDICCC050	VX046720.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:12 PM	MMDadoda	6/18/2025 6:21:32 PM	Peak Integrated by Software
VSTDICC100	VX046721.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:20 PM	MMDadoda	6/18/2025 6:21:40 PM	Peak Integrated by Software
VSTDICC150	VX046722.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:27 PM	MMDadoda	6/18/2025 6:21:48 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,4-Dichlorobenzene	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	2,2-Dichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Chloroform	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Ethyl Acetate	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Methacrylonitrile	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICV050	VX046726.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:47 PM	MMDadoda	6/18/2025 6:22:09 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	VX061925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046758.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VSTDCCC050	VX046758.D	2-Butanone	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	2-Butanone	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VX0619WBSD01	VX046763.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:34 AM	MMdadoda	6/21/2025 12:20:52 AM	Peak Integrated by Software
Q2363-02	VX046768.D	n-Butylbenzene	JOHN	6/20/2025 8:42:39 AM	MMdadoda	6/21/2025 12:20:58 AM	Peak Integrated by Software
Q2363-02	VX046768.D	p-Isopropyltoluene	JOHN	6/20/2025 8:42:39 AM	MMdadoda	6/21/2025 12:20:58 AM	Peak Integrated by Software
VSTDCCC050	VX046775.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:59 AM	MMdadoda	6/21/2025 12:21:03 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY062325	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022776.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDICC005	VY022776.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:02 AM	Sam	6/24/2025 8:27:42 AM	Peak Integrated by Software
VSTDICC010	VY022777.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDICC010	VY022777.D	Methacrylonitrile	MMDadoda	6/24/2025 8:23:58 AM	Sam	6/24/2025 8:27:46 AM	Peak Integrated by Software
VSTDICC020	VY022778.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDICC020	VY022778.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:01 AM	Sam	6/24/2025 8:27:48 AM	Peak Integrated by Software
VSTDICCC050	VY022779.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:00 AM	Sam	6/24/2025 8:27:51 AM	Peak Integrated by Software
VSTDICC100	VY022780.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:23:59 AM	Sam	6/24/2025 8:27:52 AM	Peak Integrated by Software
VSTDICC150	VY022781.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:53 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	1,2,3-Trichloropropane	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software
VSTDICV050	VY022783.D	Methacrylonitrile	MMDadoda	6/24/2025 8:24:03 AM	Sam	6/24/2025 8:27:54 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vy062425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022785.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:01 PM	Sam	6/25/2025 12:35:13 PM	Peak Integrated by Software
VY0624SBS01	VY022787.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:02 PM	Sam	6/25/2025 12:35:15 PM	Peak Integrated by Software
VY0624SBSD01	VY022788.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:04 PM	Sam	6/25/2025 12:35:14 PM	Peak Integrated by Software
VY0624SBSD01	VY022788.D	Methacrylonitrile	MMDadoda	6/25/2025 12:32:04 PM	Sam	6/25/2025 12:35:14 PM	Peak Integrated by Software
VSTDCCC050	VY022809.D	1,2,3-Trichloropropane	MMDadoda	6/25/2025 12:32:08 PM	Sam	6/25/2025 12:35:09 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086861.D	06 Jun 2025 07:59	JC\MD	Ok
2	VSTDICC001	VN086862.D	06 Jun 2025 12:44	JC\MD	Ok,M
3	VSTDICC005	VN086863.D	06 Jun 2025 13:17	JC\MD	Ok,M
4	VSTDICC020	VN086864.D	06 Jun 2025 13:40	JC\MD	Ok,M
5	VSTDICCC050	VN086865.D	06 Jun 2025 14:03	JC\MD	Ok,M
6	VSTDICC100	VN086866.D	06 Jun 2025 14:26	JC\MD	Ok,M
7	VSTDICC150	VN086867.D	06 Jun 2025 14:49	JC\MD	Ok,M
8	IBLK	VN086868.D	06 Jun 2025 15:12	JC\MD	Ok
9	VSTDICV050	VN086869.D	06 Jun 2025 15:54	JC\MD	Ok,M
10	VN0606WBL01	VN086870.D	06 Jun 2025 16:47	JC\MD	Ok
11	VN0606WBL02	VN086871.D	06 Jun 2025 17:10	JC\MD	Ok
12	VN0606WBS01	VN086872.D	06 Jun 2025 17:33	JC\MD	Ok,M
13	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56	JC\MD	Ok,M
14	Q2254-01	VN086874.D	06 Jun 2025 18:19	JC\MD	Not Ok
15	Q2237-02	VN086875.D	06 Jun 2025 18:42	JC\MD	Ok
16	Q2216-02	VN086876.D	06 Jun 2025 19:05	JC\MD	Ok
17	Q2216-03	VN086877.D	06 Jun 2025 19:28	JC\MD	Ok
18	Q2216-04	VN086878.D	06 Jun 2025 19:51	JC\MD	Ok
19	Q2216-05	VN086879.D	06 Jun 2025 20:13	JC\MD	Not Ok
20	Q2216-06	VN086880.D	06 Jun 2025 20:36	JC\MD	Not Ok
21	Q2206-04	VN086881.D	06 Jun 2025 20:59	JC\MD	Not Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2242-04	VN086882.D	06 Jun 2025 21:21	JC\MD	Not Ok
23	Q2192-01	VN086883.D	06 Jun 2025 21:44	JC\MD	Not Ok
24	Q2198-02	VN086884.D	06 Jun 2025 22:07	JC\MD	Not Ok
25	Q2198-04	VN086885.D	06 Jun 2025 22:29	JC\MD	Not Ok
26	VSTDCCC050	VN086886.D	06 Jun 2025 22:52	JC\MD	Not Ok

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087121.D	20 Jun 2025 08:18	JC\MD	Ok
2	VSTDCCC050	VN087122.D	20 Jun 2025 08:51	JC\MD	Ok,M
3	VN0620MBL01	VN087123.D	20 Jun 2025 09:25	JC\MD	Ok
4	VN0620WBL01	VN087124.D	20 Jun 2025 09:46	JC\MD	Ok
5	VN0620WBS01	VN087125.D	20 Jun 2025 10:06	JC\MD	Ok,M
6	VN0620WBSD01	VN087126.D	20 Jun 2025 10:40	JC\MD	Ok,M
7	Q2363-02DL	VN087127.D	20 Jun 2025 11:01	JC\MD	Ok
8	PB168545TB	VN087128.D	20 Jun 2025 11:21	JC\MD	Ok
9	Q2354-02	VN087129.D	20 Jun 2025 11:42	JC\MD	Ok
10	Q2355-02	VN087130.D	20 Jun 2025 12:03	JC\MD	Ok
11	Q2362-04	VN087131.D	20 Jun 2025 12:23	JC\MD	Ok
12	Q2362-08	VN087132.D	20 Jun 2025 12:44	JC\MD	Ok
13	Q2367-04	VN087133.D	20 Jun 2025 13:04	JC\MD	Ok
14	Q2367-08	VN087134.D	20 Jun 2025 13:25	JC\MD	Ok
15	IBLK	VN087135.D	20 Jun 2025 13:46	JC\MD	Ok
16	Q2377-03	VN087136.D	20 Jun 2025 14:06	JC\MD	Not Ok
17	Q2377-01	VN087137.D	20 Jun 2025 14:27	JC\MD	Not Ok
18	VN0620MBS01	VN087138.D	20 Jun 2025 14:48	JC\MD	Ok,M
19	VN0620MBSD01	VN087139.D	20 Jun 2025 15:08	JC\MD	Ok,M
20	Q2363-01ME	VN087140.D	20 Jun 2025 15:29	JC\MD	Ok
21	Q2355-01	VN087141.D	20 Jun 2025 15:50	JC\MD	Not Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2354-01	VN087142.D	20 Jun 2025 16:11	JC\MD	Not Ok
23	Q2355-03	VN087143.D	20 Jun 2025 16:31	JC\MD	Not Ok
24	IBLK	VN087144.D	20 Jun 2025 16:52	JC\MD	Ok
25	IBLK	VN087145.D	20 Jun 2025 17:13	JC\MD	Ok
26	Q2377-01	VN087146.D	20 Jun 2025 17:34	JC\MD	Not Ok
27	VSTDCCC050	VN087147.D	20 Jun 2025 17:54	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046715.D	17 Jun 2025 08:46	JC/MD	Ok
2	VSTDICC001	VX046716.D	17 Jun 2025 10:09	JC/MD	Not Ok
3	VSTDICC001	VX046717.D	17 Jun 2025 10:58	JC/MD	ReRun
4	VSTDICC005	VX046718.D	17 Jun 2025 11:19	JC/MD	Ok,M
5	VSTDICC020	VX046719.D	17 Jun 2025 13:59	JC/MD	Ok,M
6	VSTDICCC050	VX046720.D	17 Jun 2025 14:20	JC/MD	Ok,M
7	VSTDICC100	VX046721.D	17 Jun 2025 14:41	JC/MD	Ok,M
8	VSTDICC150	VX046722.D	17 Jun 2025 15:02	JC/MD	Ok,M
9	IBLK	VX046723.D	17 Jun 2025 15:23	JC/MD	Ok
10	VSTDICC001	VX046724.D	17 Jun 2025 16:20	JC/MD	Not Ok
11	VSTDICC001	VX046725.D	17 Jun 2025 17:18	JC/MD	Ok,M
12	VSTDICV050	VX046726.D	17 Jun 2025 18:00	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046757.D	19 Jun 2025 08:42	JC/MD	Ok
2	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	JC/MD	Ok,M
3	VX0619MBL01	VX046759.D	19 Jun 2025 10:12	JC/MD	Ok
4	VX0619WBL01	VX046760.D	19 Jun 2025 10:33	JC/MD	Ok
5	Q2345-01	VX046761.D	19 Jun 2025 11:03	JC/MD	Ok
6	VX0619WBS01	VX046762.D	19 Jun 2025 11:24	JC/MD	Ok,M
7	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51	JC/MD	Ok,M
8	Q2361-01	VX046764.D	19 Jun 2025 12:12	JC/MD	Ok
9	Q2334-01	VX046765.D	19 Jun 2025 12:33	JC/MD	Ok
10	Q2334-02	VX046766.D	19 Jun 2025 12:54	JC/MD	Ok
11	Q2334-03	VX046767.D	19 Jun 2025 13:15	JC/MD	Ok
12	Q2363-02	VX046768.D	19 Jun 2025 13:36	JC/MD	Dilution
13	IBLK	VX046769.D	19 Jun 2025 13:57	JC/MD	Ok
14	IBLK	VX046770.D	19 Jun 2025 14:18	JC/MD	Ok
15	Q2351-01	VX046771.D	19 Jun 2025 15:45	JC/MD	Ok
16	Q2372-02	VX046772.D	19 Jun 2025 16:06	JC/MD	Ok
17	Q2372-01	VX046773.D	19 Jun 2025 16:27	JC/MD	Ok
18	IBLK	VX046774.D	19 Jun 2025 16:49	JC/MD	Ok
19	VSTDCCC050	VX046775.D	19 Jun 2025 17:10	JC/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 # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM				
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134461
Initial Calibration Stds	VP134462,VP134463,VP134464,VP134465,VP134466,VP134467
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134468
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022775.D	23 Jun 2025 10:17	SY/MD	Ok
2	VSTDICC005	VY022776.D	23 Jun 2025 13:38	SY/MD	Ok,M
3	VSTDICC010	VY022777.D	23 Jun 2025 14:00	SY/MD	Ok,M
4	VSTDICC020	VY022778.D	23 Jun 2025 14:23	SY/MD	Ok,M
5	VSTDICCC050	VY022779.D	23 Jun 2025 14:46	SY/MD	Ok,M
6	VSTDICC100	VY022780.D	23 Jun 2025 15:08	SY/MD	Ok,M
7	VSTDICC150	VY022781.D	23 Jun 2025 15:31	SY/MD	Ok,M
8	VIBLK	VY022782.D	23 Jun 2025 15:54	SY/MD	Ok
9	VSTDICV050	VY022783.D	23 Jun 2025 16:17	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 # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM				
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
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	VY022784.D	24 Jun 2025 08:49	SY/MD	Ok
2	VSTDCCC050	VY022785.D	24 Jun 2025 09:20	SY/MD	Ok,M
3	VY0624SBL01	VY022786.D	24 Jun 2025 10:25	SY/MD	Ok
4	VY0624SBS01	VY022787.D	24 Jun 2025 10:58	SY/MD	Ok,M
5	VY0624SBSD01	VY022788.D	24 Jun 2025 11:21	SY/MD	Ok,M
6	Q2386-01	VY022789.D	24 Jun 2025 11:58	SY/MD	ReRun
7	Q2383-01RE	VY022790.D	24 Jun 2025 12:22	SY/MD	Not Ok
8	Q2384-01RE	VY022791.D	24 Jun 2025 12:45	SY/MD	Confirms
9	Q2355-03	VY022792.D	24 Jun 2025 13:09	SY/MD	Not Ok
10	Q2363-01	VY022793.D	24 Jun 2025 13:32	SY/MD	Dilution
11	Q2392-02	VY022794.D	24 Jun 2025 13:55	SY/MD	Ok
12	Q2393-02	VY022795.D	24 Jun 2025 14:19	SY/MD	Ok
13	Q2393-04	VY022796.D	24 Jun 2025 14:42	SY/MD	Ok
14	Q2393-06	VY022797.D	24 Jun 2025 15:06	SY/MD	Ok
15	Q2393-08	VY022798.D	24 Jun 2025 15:29	SY/MD	Ok
16	Q2393-10	VY022799.D	24 Jun 2025 15:52	SY/MD	Ok
17	Q2393-12	VY022800.D	24 Jun 2025 16:16	SY/MD	Ok
18	Q2394-03	VY022801.D	24 Jun 2025 16:39	SY/MD	Ok
19	Q2399-03	VY022802.D	24 Jun 2025 17:03	SY/MD	Ok
20	Q2399-07	VY022803.D	24 Jun 2025 17:26	SY/MD	Ok
21	Q2403-03	VY022804.D	24 Jun 2025 17:50	SY/MD	ReRun

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 # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM				
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2403-07	VY022805.D	24 Jun 2025 18:13	SY/MD	Ok
23	Q2398-03	VY022806.D	24 Jun 2025 18:36	SY/MD	Ok
24	Q2398-06	VY022807.D	24 Jun 2025 19:00	SY/MD	Not Ok
25	VIBLK	VY022808.D	24 Jun 2025 19:23	SY/MD	Ok
26	VSTDCCC050	VY022809.D	24 Jun 2025 20:09	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_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086861.D	06 Jun 2025 07:59		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086862.D	06 Jun 2025 12:44	Method failed for com.#13	JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086863.D	06 Jun 2025 13:17		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN086864.D	06 Jun 2025 13:40		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN086865.D	06 Jun 2025 14:03		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN086866.D	06 Jun 2025 14:26		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN086867.D	06 Jun 2025 14:49		JC\MD	Ok,M
8	IBLK	IBLK	VN086868.D	06 Jun 2025 15:12		JC\MD	Ok
9	VSTDICV050	ICVVN060625	VN086869.D	06 Jun 2025 15:54		JC\MD	Ok,M
10	VN0606WBL01	VN0606WBL01	VN086870.D	06 Jun 2025 16:47		JC\MD	Ok
11	VN0606WBL02	VN0606WBL02	VN086871.D	06 Jun 2025 17:10		JC\MD	Ok
12	VN0606WBS01	VN0606WBS01	VN086872.D	06 Jun 2025 17:33		JC\MD	Ok,M
13	VN0606WBSD01	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56		JC\MD	Ok,M
14	Q2254-01	BP-VPB-182-GW-810-8	VN086874.D	06 Jun 2025 18:19	vial A pH<2 endccc out of tune	JC\MD	Not Ok
15	Q2237-02	TW-WTS-10	VN086875.D	06 Jun 2025 18:42	vial A pH<2	JC\MD	Ok
16	Q2216-02	3887	VN086876.D	06 Jun 2025 19:05	vial A pH<2	JC\MD	Ok
17	Q2216-03	3888	VN086877.D	06 Jun 2025 19:28	vial A pH<2	JC\MD	Ok
18	Q2216-04	3864	VN086878.D	06 Jun 2025 19:51	vial A pH<2	JC\MD	Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2216-05	3865	VN086879.D	06 Jun 2025 20:13	vial A pH<2 Out of Tune	JC\MD	Not Ok
20	Q2216-06	3851	VN086880.D	06 Jun 2025 20:36	vial A pH<2 Out of Tune	JC\MD	Not Ok
21	Q2206-04	TP-1	VN086881.D	06 Jun 2025 20:59	vial A pH<2 Out of Tune	JC\MD	Not Ok
22	Q2242-04	TP09-MHJ	VN086882.D	06 Jun 2025 21:21	vial A pH<2 Out of Tune	JC\MD	Not Ok
23	Q2192-01	SB-1	VN086883.D	06 Jun 2025 21:44	vial A pH<2 Out of Tune	JC\MD	Not Ok
24	Q2198-02	B-202-SB02	VN086884.D	06 Jun 2025 22:07	vial A pH<2 Out of Tune	JC\MD	Not Ok
25	Q2198-04	B-207-SB02	VN086885.D	06 Jun 2025 22:29	vial A pH<2 Out of Tune	JC\MD	Not Ok
26	VSTDCCC050	VSTDCCC050EC	VN086886.D	06 Jun 2025 22:52	Out of Tune	JC\MD	Not Ok

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087121.D	20 Jun 2025 08:18		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087122.D	20 Jun 2025 08:51	pH#Lot#V12668	JC\MD	Ok,M
3	VN0620MBL01	VN0620MBL01	VN087123.D	20 Jun 2025 09:25		JC\MD	Ok
4	VN0620WBL01	VN0620WBL01	VN087124.D	20 Jun 2025 09:46		JC\MD	Ok
5	VN0620WBS01	VN0620WBS01	VN087125.D	20 Jun 2025 10:06		JC\MD	Ok,M
6	VN0620WBSD01	VN0620WBSD01	VN087126.D	20 Jun 2025 10:40		JC\MD	Ok,M
7	Q2363-02DL	GCAP1WDL	VN087127.D	20 Jun 2025 11:01	vial B pH<2	JC\MD	Ok
8	PB168545TB	PB168545TB	VN087128.D	20 Jun 2025 11:21		JC\MD	Ok
9	Q2354-02	3321	VN087129.D	20 Jun 2025 11:42	vial A pH#5.0	JC\MD	Ok
10	Q2355-02	3897	VN087130.D	20 Jun 2025 12:03	vial A pH#5.0	JC\MD	Ok
11	Q2362-04	TP-11	VN087131.D	20 Jun 2025 12:23	vial A pH#5.0	JC\MD	Ok
12	Q2362-08	EP-6	VN087132.D	20 Jun 2025 12:44	vial A pH#5.0	JC\MD	Ok
13	Q2367-04	EP-4	VN087133.D	20 Jun 2025 13:04	vial A pH#5.0	JC\MD	Ok
14	Q2367-08	EP-5	VN087134.D	20 Jun 2025 13:25	vial A pH#5.0	JC\MD	Ok
15	IBLK	IBLK	VN087135.D	20 Jun 2025 13:46		JC\MD	Ok
16	Q2377-03	TB01-061925	VN087136.D	20 Jun 2025 14:06	524 Method on login	JC\MD	Not Ok
17	Q2377-01	PW-B6-L66-061925	VN087137.D	20 Jun 2025 14:27	524 Method on login	JC\MD	Not Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062025

Review By	John Carlone	Review On	6/23/2025 9:08:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:18:33 PM		
SubDirectory	VN062025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134448
Initial Calibration Stds	
CCC	VP134449,VP134450
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VN0620MBS01	VN0620MBS01	VN087138.D	20 Jun 2025 14:48		JC\MD	Ok,M
19	VN0620MBSD01	VN0620MBSD01	VN087139.D	20 Jun 2025 15:08		JC\MD	Ok,M
20	Q2363-01ME	GCAP1ME	VN087140.D	20 Jun 2025 15:29	Surrogate fail	JC\MD	Ok
21	Q2355-01	3897	VN087141.D	20 Jun 2025 15:50	BS fail Low ;BSD fail Low; cloth material	JC\MD	Not Ok
22	Q2354-01	3321	VN087142.D	20 Jun 2025 16:11	BS fail Low;BSD fail Low;Run @ Lower Dilution	JC\MD	Not Ok
23	Q2355-03	20071	VN087143.D	20 Jun 2025 16:31	BS fail Low ;BSD fail Low;Need Soil Run	JC\MD	Not Ok
24	IBLK	IBLK	VN087144.D	20 Jun 2025 16:52		JC\MD	Ok
25	IBLK	IBLK	VN087145.D	20 Jun 2025 17:13		JC\MD	Ok
26	Q2377-01	PW-B6-L66-061925	VN087146.D	20 Jun 2025 17:34	524 Method on login	JC\MD	Not Ok
27	VSTDCCC050	VSTDCCC050EC	VN087147.D	20 Jun 2025 17:54		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046715.D	17 Jun 2025 08:46		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046716.D	17 Jun 2025 10:09	RRF check	JC/MD	Not Ok
3	VSTDICC001	VSTDICC001	VX046717.D	17 Jun 2025 10:58	low response	JC/MD	ReRun
4	VSTDICC005	VSTDICC005	VX046718.D	17 Jun 2025 11:19		JC/MD	Ok,M
5	VSTDICC020	VSTDICC020	VX046719.D	17 Jun 2025 13:59	LR- 10,49	JC/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VX046720.D	17 Jun 2025 14:20		JC/MD	Ok,M
7	VSTDICC100	VSTDICC100	VX046721.D	17 Jun 2025 14:41		JC/MD	Ok,M
8	VSTDICC150	VSTDICC150	VX046722.D	17 Jun 2025 15:02		JC/MD	Ok,M
9	IBLK	IBLK	VX046723.D	17 Jun 2025 15:23		JC/MD	Ok
10	VSTDICC001	VSTDICC001	VX046724.D	17 Jun 2025 16:20	spike error	JC/MD	Not Ok
11	VSTDICC001	VSTDICC001	VX046725.D	17 Jun 2025 17:18		JC/MD	Ok,M
12	VSTDICV050	ICVVX061725	VX046726.D	17 Jun 2025 18:00		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046757.D	19 Jun 2025 08:42		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	pH#Lot#V12668	JC/MD	Ok,M
3	VX0619MBL01	VX0619MBL01	VX046759.D	19 Jun 2025 10:12		JC/MD	Ok
4	VX0619WBL01	VX0619WBL01	VX046760.D	19 Jun 2025 10:33		JC/MD	Ok
5	Q2345-01	EB02-20250616	VX046761.D	19 Jun 2025 11:03	vial B pH<2 EB	JC/MD	Ok
6	VX0619WBS01	VX0619WBS01	VX046762.D	19 Jun 2025 11:24		JC/MD	Ok,M
7	VX0619WBSD01	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51		JC/MD	Ok,M
8	Q2361-01	TT205S1-20250617	VX046764.D	19 Jun 2025 12:12	vial A pH<2	JC/MD	Ok
9	Q2334-01	MW3	VX046765.D	19 Jun 2025 12:33	vial A pH<2	JC/MD	Ok
10	Q2334-02	MW4	VX046766.D	19 Jun 2025 12:54	vial A pH<2	JC/MD	Ok
11	Q2334-03	GBTW1	VX046767.D	19 Jun 2025 13:15	vial A pH<2	JC/MD	Ok
12	Q2363-02	GCAP1W	VX046768.D	19 Jun 2025 13:36	vial A pH<2 Need 20X	JC/MD	Dilution
13	IBLK	IBLK	VX046769.D	19 Jun 2025 13:57		JC/MD	Ok
14	IBLK	IBLK	VX046770.D	19 Jun 2025 14:18		JC/MD	Ok
15	Q2351-01	FAIRLAWN-SUMP	VX046771.D	19 Jun 2025 15:45	vial A pH<2 oily sample	JC/MD	Ok
16	Q2372-02	GAV2W	VX046772.D	19 Jun 2025 16:06	vial A pH<2	JC/MD	Ok
17	Q2372-01	GAV1W	VX046773.D	19 Jun 2025 16:27	vial A pH<2	JC/MD	Ok
18	IBLK	IBLK	VX046774.D	19 Jun 2025 16:49		JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VX046775.D	19 Jun 2025 17:10		JC/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 # VY062325

Review By	Mahesh Dadoda	Review On	6/24/2025 8:24:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/24/2025 8:29:32 AM		
SubDirectory	VY062325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134461
Initial Calibration Stds	VP134462,VP134463,VP134464,VP134465,VP134466,VP134467
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134468
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022775.D	23 Jun 2025 10:17		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY022776.D	23 Jun 2025 13:38	LR- 58	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY022777.D	23 Jun 2025 14:00		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY022778.D	23 Jun 2025 14:23		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY022779.D	23 Jun 2025 14:46		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY022780.D	23 Jun 2025 15:08		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY022781.D	23 Jun 2025 15:31		SY/MD	Ok,M
8	VIBLK	VIBLK	VY022782.D	23 Jun 2025 15:54		SY/MD	Ok
9	VSTDICV050	ICVVY062325	VY022783.D	23 Jun 2025 16:17		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 # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM		
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
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	VY022784.D	24 Jun 2025 08:49		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022785.D	24 Jun 2025 09:20		SY/MD	Ok,M
3	VY0624SBL01	VY0624SBL01	VY022786.D	24 Jun 2025 10:25		SY/MD	Ok
4	VY0624SBS01	VY0624SBS01	VY022787.D	24 Jun 2025 10:58		SY/MD	Ok,M
5	VY0624SBSD01	VY0624SBSD01	VY022788.D	24 Jun 2025 11:21		SY/MD	Ok,M
6	Q2386-01	SU-1-062025	VY022789.D	24 Jun 2025 11:58	vial-A Internal Standard Fail	SY/MD	ReRun
7	Q2383-01RE	RT-5376RE	VY022790.D	24 Jun 2025 12:22	vial-B Internal standard fail;Not match with first run	SY/MD	Not Ok
8	Q2384-01RE	OK-01-6202025RE	VY022791.D	24 Jun 2025 12:45	vial-B Internal Standard Fail	SY/MD	Confirms
9	Q2355-03	20071	VY022792.D	24 Jun 2025 13:09	vial-A not purge	SY/MD	Not Ok
10	Q2363-01	GCAP1	VY022793.D	24 Jun 2025 13:32	vial-A Surrogate fail ;Need MeOH	SY/MD	Dilution
11	Q2392-02	S-1A	VY022794.D	24 Jun 2025 13:55	vial-A	SY/MD	Ok
12	Q2393-02	PARK AVE -1	VY022795.D	24 Jun 2025 14:19	vial-A	SY/MD	Ok
13	Q2393-04	PARK AVE -2	VY022796.D	24 Jun 2025 14:42	vial-A	SY/MD	Ok
14	Q2393-06	PARK AVE -3	VY022797.D	24 Jun 2025 15:06	vial-A	SY/MD	Ok
15	Q2393-08	PARK AVE -4	VY022798.D	24 Jun 2025 15:29	vial-A	SY/MD	Ok
16	Q2393-10	PARK AVE -5	VY022799.D	24 Jun 2025 15:52	vial-A	SY/MD	Ok
17	Q2393-12	PARK AVE -6	VY022800.D	24 Jun 2025 16:16	vial-A	SY/MD	Ok

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY062425

Review By	Mahesh Dadoda	Review On	6/25/2025 12:32:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/25/2025 12:35:55 PM		
SubDirectory	VY062425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y062325s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134483
Initial Calibration Stds	
CCC	VP134483,VP134485
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2394-03	MH-K/L VOC	VY022801.D	24 Jun 2025 16:39	vial-A	SY/MD	Ok
19	Q2399-03	TP-13-VOC	VY022802.D	24 Jun 2025 17:03	vial-A	SY/MD	Ok
20	Q2399-07	EP-7-VOC	VY022803.D	24 Jun 2025 17:26	vial-A	SY/MD	Ok
21	Q2403-03	LAW-25-0093	VY022804.D	24 Jun 2025 17:50	vial-A Internal Standard Fail	SY/MD	ReRun
22	Q2403-07	ARS 20-0006	VY022805.D	24 Jun 2025 18:13	vial-A	SY/MD	Ok
23	Q2398-03	M00-25-0179	VY022806.D	24 Jun 2025 18:36	vial-A	SY/MD	Ok
24	Q2398-06	ARS20-0036	VY022807.D	24 Jun 2025 19:00	vial-A Not purge	SY/MD	Not Ok
25	VIBLK	VIBLK	VY022808.D	24 Jun 2025 19:23		SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY022809.D	24 Jun 2025 20:09		SY/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q2363	**OrderDate:**	6/18/2025 4:03:52 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2363-01	**GCAP1**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/24/25	
Q2363-01ME	**GCAP1ME**	**SOIL**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260D			06/20/25	
Q2363-02	**GCAP1W**	**Water**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260-Low			06/19/25	
Q2363-02DL	**GCAP1WDL**	**Water**			**06/18/25**			**06/18/25**
			VOC-TCLVOA-10	8260-Low			06/20/25	

SAMPLE DATA

Raw Data: **FC069270.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:	06/18/25	
Project:	Capra		Date Received:	06/18/25	
Client Sample ID:	GCAP1		SDG No.:	Q2363	
Lab Sample ID:	Q2363-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 16:10	PB168596

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	91.2		1	1.06	4.68	mg/kg	FC069270.D
Total EPH	Total EPH	91.2			1.06	4.68	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069270.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:	06/18/25	
Project:	Capra		Date Received:	06/18/25	
Client Sample ID:	GCAP1		SDG No.:	Q2363	
Lab Sample ID:	Q2363-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069270.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	91.2		1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.76		1.38	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.6		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.6		40 - 140	53%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2363-01	Acq On:	24 Jun 2025 16:10
Client Sample ID:	GCAP1	Operator:	YP/AJ
Data file:	FC069270.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	75448948	514.379	300	ug/ml
Aliphatic C12-C16	6.607	10.010	77163156	484.661	200	ug/ml
Aliphatic C16-C21	10.011	13.381	14313205	92.682	300	ug/ml
Aliphatic C21-C28	13.382	17.047	10799471	80.613	400	ug/ml
Aliphatic C28-C40	17.048	22.029	10370723	112.573	600	ug/ml
Aliphatic EPH	3.308	22.029	188095503	1280		ug/ml
ortho-Terphenyl (SURR)	11.679	11.679	4598725	26.62		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	3598819	27.55		ug/ml
Aliphatic C9-C28	3.308	17.047	177724780	1170	1200	ug/ml

QC SUMMARY

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

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2363 SAS No.: Q2363 SDG No.: Q2363

Run Number: FC062425AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168596BL	70	68		0
PB168596BS	73	70		0
PB168596BSD	75	72		0
GCAP1	55	53		0
GCAP1MS	55	52		0
GCAP1MSD	53	50		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

Sample No : Q2363-01MS **Datafile:** FC069271.D **Client ID :** GCAP1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	35.0	8.76	42.1	95		(40-140)
Aliphatic C9-C28	116.6	91.2	166	64		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.9	0.3531	3.1634	72		(40-140)
n-Decane (C10)	3.9	0.9697	3.7050	70		(40-140)
Naphthalene (C11.7)	3.9	1.6934	4.8581	81		(40-140)
n-Dodecane (C12)	3.9	1.3068	4.2105	74		(40-140)
2-methylnaphthalene (C12.89)	3.9	1.1581	4.1797	77		(40-140)
n-Tetradecane (C14)	3.9	1.6882	4.5476	73		(40-140)
n-Hexadecane (C16)	3.9	0.3822	3.1236	70		(40-140)
n-Octadecane (C18)	3.9	0.0827	2.7097	67		(40-140)
n-Eicosane (C20)	3.9	0.0706	2.8381	71		(40-140)
n-Heneicosane (C21)	3.9	0.0582	2.7655	69		(40-140)
n-Docosane (C22)	3.9	0.0876	2.7718	69		(40-140)
n-Tetracosane (C24)	7.8	0.0820	5.5245	70		(40-140)
n-Hexacosane (C26)	3.9	0.0963	2.7712	69		(40-140)
n-Octacosane (C28)	3.9	0.1094	2.7859	69		(40-140)
n-Tricontane (C30)	3.9	0.0521	2.8189	71		(40-140)
n-Dotriacontane (C32)	3.9	0.1476	3.0635	75		(40-140)
n-Tetratriacontane (C34)	3.9	0.2193	3.6322	88		(40-140)
n-Hexatriacontane (C36)	3.9	0.3689	4.2315	99		(40-140)
n-Octatriacontane (C38)	3.9	0.1866	4.7284	116		(40-140)
n-Tetracontane (C40)	3.9	0.0824	4.5424	114		(40-140)

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

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

Sample No : Q2363-01MSD **Datafile:** FC069272.D **Client ID :** GCAP1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	35.0	8.76	38.9	86		10.3 |	(40-140)	50
Aliphatic C9-C28	116.7	91.2	156	56		14 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.9	0.3531	3.0110	68		5.71 |	(40-140)	50
n-Decane (C10)	3.9	0.9697	3.5097	65		7.41 |	(40-140)	50
Naphthalene (C11.7)	3.9	1.6934	4.6088	75		7.69 |	(40-140)	50
n-Dodecane (C12)	3.9	1.3068	3.9778	68		8.45 |	(40-140)	50
2-methylnaphthalene (C12.89)	3.9	1.1581	3.9541	72		6.71 |	(40-140)	50
n-Tetradecane (C14)	3.9	1.6882	4.2704	66		10.07 |	(40-140)	50
n-Hexadecane (C16)	3.9	0.3822	2.9246	65		7.41 |	(40-140)	50
n-Octadecane (C18)	3.9	0.0827	2.5418	63		6.15 |	(40-140)	50
n-Eicosane (C20)	3.9	0.0706	2.6637	66		7.3 |	(40-140)	50
n-Heneicosane (C21)	3.9	0.0582	2.5933	65		5.97 |	(40-140)	50
n-Docosane (C22)	3.9	0.0876	2.5989	64		7.52 |	(40-140)	50
n-Tetracosane (C24)	7.8	0.0820	5.1302	65		7.41 |	(40-140)	50
n-Hexacosane (C26)	3.9	0.0963	2.5846	64		7.52 |	(40-140)	50
n-Octacosane (C28)	3.9	0.1094	2.5635	63		9.09 |	(40-140)	50
n-Tricontane (C30)	3.9	0.0521	2.5520	64		10.37 |	(40-140)	50
n-Dotriacontane (C32)	3.9	0.1476	2.7713	67		11.27 |	(40-140)	50
n-Tetratriacontane (C34)	3.9	0.2193	3.2717	78		12.05 |	(40-140)	50
n-Hexatriacontane (C36)	3.9	0.3689	3.8354	89		10.64 |	(40-140)	50
n-Octatriacontane (C38)	3.9	0.1866	4.3914	108		7.14 |	(40-140)	50
n-Tetracontane (C40)	3.9	0.0824	4.1951	105		8.22 |	(40-140)	50

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

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

Sample No : PB168596BS **Datafile:** FC069268.D **Client ID :** PB168596BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	28.9	96		(40-140)
Aliphatic C9-C28	99.9	71.4	73		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.3	2.50286	76		(40-140)
n-Decane (C10)	3.3	2.64906	80		(40-140)
Naphthalene (C11.7)	3.3	2.98025	90		(40-140)
n-Dodecane (C12)	3.3	2.72316	83		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.82944	86		(40-140)
n-Tetradecane (C14)	3.3	2.70941	82		(40-140)
n-Hexadecane (C16)	3.3	2.57250	78		(40-140)
n-Octadecane (C18)	3.3	2.47344	75		(40-140)
n-Eicosane (C20)	3.3	2.58429	78		(40-140)
n-Heneicosane (C21)	3.3	2.50344	76		(40-140)
n-Docosane (C22)	3.3	2.48205	75		(40-140)
n-Tetracosane (C24)	6.7	4.98933	74		(40-140)
n-Hexacosane (C26)	3.3	2.45270	74		(40-140)
n-Octacosane (C28)	3.3	2.47620	75		(40-140)
n-Tricontane (C30)	3.3	2.47526	75		(40-140)
n-Dotriacontane (C32)	3.3	2.59511	79		(40-140)
n-Tetratriacontane (C34)	3.3	3.00565	91		(40-140)
n-Hexatriacontane (C36)	3.3	3.36244	102		(40-140)
n-Octatriacontane (C38)	3.3	3.80751	115		(40-140)
n-Tetracontane (C40)	3.3	4.02460	122		(40-140)

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

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2363 **SAS No :** Q2363 **SDG No:** Q2363

Sample No : PB168596BSD **Datafile:** FC069269.D **Client ID :** PB168596BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	29.0	97		0.34| (40-140)	25
Aliphatic C9-C28	99.9	71.4	73		0.008| (40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.3	2.55223	77		1.31| (40-140)	25
n-Decane (C10)	3.3	2.67136	81		1.24| (40-140)	25
Naphthalene (C11.7)	3.3	2.97511	90		0| (40-140)	25
n-Dodecane (C12)	3.3	2.71395	82		1.21| (40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.81396	85		1.17| (40-140)	25
n-Tetradecane (C14)	3.3	2.67453	81		1.23| (40-140)	25
n-Hexadecane (C16)	3.3	2.52498	77		1.29| (40-140)	25
n-Octadecane (C18)	3.3	2.42582	74		1.34| (40-140)	25
n-Eicosane (C20)	3.3	2.55139	77		1.29| (40-140)	25
n-Heneicosane (C21)	3.3	2.48508	75		1.32| (40-140)	25
n-Docosane (C22)	3.3	2.47570	75		0| (40-140)	25
n-Tetracosane (C24)	6.7	5.02199	75		1.34| (40-140)	25
n-Hexacosane (C26)	3.3	2.47553	75		1.34| (40-140)	25
n-Octacosane (C28)	3.3	2.49795	76		1.32| (40-140)	25
n-Tricontane (C30)	3.3	2.49864	76		1.32| (40-140)	25
n-Dotriacontane (C32)	3.3	2.61671	79		0| (40-140)	25
n-Tetratriacontane (C34)	3.3	3.02167	92		1.09| (40-140)	25
n-Hexatriacontane (C36)	3.3	3.37293	102		0| (40-140)	25
n-Octatriacontane (C38)	3.3	3.81313	116		0.87| (40-140)	25
n-Tetracontane (C40)	3.3	4.02878	122		0| (40-140)	25

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

4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168596BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2363 SAS No.: Q2363 SDG NO.: Q2363

Instrument ID: FID_C Lab Sample ID: PB168596BL

Matrix: (soil/water) Solid Date Extracted: 6/24/2025 8:47:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168596BS	PB168596BS
PB168596BSD	PB168596BSD
GCAP1	Q2363-01
GCAP1MS	Q2363-01MS
GCAP1MSD	Q2363-01MSD

COMMENTS:

QC SAMPLE DATA

Raw Data: **FC069267.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:	Capra			Date Received:	
Client Sample ID:	PB168596BL			SDG No.:	Q2363
Lab Sample ID:	PB168596BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 13:48	PB168596

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC069267.D
Total EPH	Total EPH	0.91	U		0.91	4.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069267.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:	Capra		Date Received:		
Client Sample ID:	PB168596BL		SDG No.:	Q2363	
Lab Sample ID:	PB168596BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069267.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.1		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.1		40 - 140	68%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168596BL	Acq On:	24 Jun 2025 13:48
Client Sample ID:	PB168596BL	Operator:	YP/AJ
Data file:	FC069267.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	0	0	300	ug/ml
Aliphatic C12-C16	6.607	10.010	0	0	200	ug/ml
Aliphatic C16-C21	10.011	13.381	0	0	300	ug/ml
Aliphatic C21-C28	13.382	17.047	0	0	400	ug/ml
Aliphatic C28-C40	17.048	22.029	0	0	600	ug/ml
Aliphatic EPH	3.308	22.029	0	0		ug/ml
ortho-Terphenyl (SURR)	11.679	11.679	5889732	34.09		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	4586388	35.11		ug/ml
Aliphatic C9-C28	3.308	17.047	0	0	1200	ug/ml

Raw Data: **FC069268.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:	Capra			Date Received:	
Client Sample ID:	PB168596BS			SDG No.:	Q2363
Lab Sample ID:	PB168596BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 14:35	PB168596

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	71.4		1	0.91	3.99	mg/kg	FC069268.D
Total EPH	Total EPH	71.4			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069268.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:	Capra		Date Received:		
Client Sample ID:	PB168596BS		SDG No.:	Q2363	
Lab Sample ID:	PB168596BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069268.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		71.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		28.9		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		36.7		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		35.2		40 - 140	70%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168596BS	Acq On:	24 Jun 2025 14:35
Client Sample ID:	PB168596BS	Operator:	YP/AJ
Data file:	FC069268.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	31293620	213.347	300	ug/ml
Aliphatic C12-C16	6.607	10.010	40328580	253.303	200	ug/ml
Aliphatic C16-C21	10.011	13.381	41779482	270.532	300	ug/ml
Aliphatic C21-C28	13.382	17.047	44883560	335.036	400	ug/ml
Aliphatic C28-C40	17.048	22.029	39936791	433.509	600	ug/ml
Aliphatic EPH	3.308	22.029	198222033	1510		ug/ml
ortho-Terphenyl (SURR)	11.681	11.681	6080452	35.2		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	4791844	36.68		ug/ml
Aliphatic C9-C28	3.308	17.047	158285242	1070	1200	ug/ml

Raw Data: **FC069269.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:	Capra		Date Received:		
Client Sample ID:	PB168596BSD		SDG No.:	Q2363	
Lab Sample ID:	PB168596BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 15:22	PB168596

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	71.4		1	0.91	3.99	mg/kg	FC069269.D
Total EPH	Total EPH	71.4			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069269.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:	Capra		Date Received:		
Client Sample ID:	PB168596BSD		SDG No.:	Q2363	
Lab Sample ID:	PB168596BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069269.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	71.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	29.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.3		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.8		40 - 140	72%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168596BSD	Acq On:	24 Jun 2025 15:22
Client Sample ID:	PB168596BSD	Operator:	YP/AJ
Data file:	FC069269.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	31454082	214.441	300	ug/ml
Aliphatic C12-C16	6.607	10.010	39931854	250.812	200	ug/ml
Aliphatic C16-C21	10.011	13.381	41648759	269.686	300	ug/ml
Aliphatic C21-C28	13.382	17.047	45119169	336.795	400	ug/ml
Aliphatic C28-C40	17.048	22.029	40062916	434.878	600	ug/ml
Aliphatic EPH	3.308	22.029	198216780	1510		ug/ml
ortho-Terphenyl (SURR)	11.680	11.680	6192271	35.84		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	4875041	37.32		ug/ml
Aliphatic C9-C28	3.308	17.047	158153864	1070	1200	ug/ml

Raw Data: **FC069271.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:	Capra			Date Received:	
Client Sample ID:	GCAP1MS			SDG No.:	Q2363
Lab Sample ID:	Q2363-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	85.5
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 16:57	PB168596

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	166	E	1	1.06	4.68	mg/kg	FC069271.D
Total EPH	Total EPH	166			1.06	4.68	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069271.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:	Capra		Date Received:		
Client Sample ID:	GCAP1MS		SDG No.:	Q2363	
Lab Sample ID:	Q2363-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
Sample Wt/Vol:	30.08 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069271.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	166	E	1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.1		1.38	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.6		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.1		40 - 140	52%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2363-01MS	Acq On:	24 Jun 2025 16:57
Client Sample ID:	GCAP1MS	Operator:	YP/AJ
Data file:	FC069271.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	102138656	696.338	300	ug/ml
Aliphatic C12-C16	6.607	10.010	111424272	699.855	200	ug/ml
Aliphatic C16-C21	10.011	13.381	52965421	342.964	300	ug/ml
Aliphatic C21-C28	13.382	17.047	52981760	395.486	400	ug/ml
Aliphatic C28-C40	17.048	22.029	49885798	541.505	600	ug/ml
Aliphatic EPH	3.308	22.029	369395907	2680		ug/ml
ortho-Terphenyl (SURR)	11.680	11.680	4514590	26.13		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	3606277	27.6		ug/ml
Aliphatic C9-C28	3.308	17.047	319510109	2130	1200	ug/ml

Raw Data: **FC069272.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:	Capra			Date Received:	
Client Sample ID:	GCAP1MSD			SDG No.:	Q2363
Lab Sample ID:	Q2363-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	85.5
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 17:45	PB168596

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	156	E	1	1.06	4.68	mg/kg	FC069272.D
Total EPH	Total EPH	156			1.06	4.68	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069272.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:	Capra		Date Received:		
Client Sample ID:	GCAP1MSD		SDG No.:	Q2363	
Lab Sample ID:	Q2363-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
Sample Wt/Vol:	30.05 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069272.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	156	E	1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	38.9		1.38	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.3		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.9		40 - 140	50%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2363-01MSD	Acq On:	24 Jun 2025 17:45
Client Sample ID:	GCAP1MSD	Operator:	YP/AJ
Data file:	FC069272.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	97115317	662.091	300	ug/ml
Aliphatic C12-C16	6.607	10.010	105116721	660.237	200	ug/ml
Aliphatic C16-C21	10.011	13.381	49548670	320.84	300	ug/ml
Aliphatic C21-C28	13.382	17.047	49114203	366.616	400	ug/ml
Aliphatic C28-C40	17.048	22.029	45995912	499.28	600	ug/ml
Aliphatic EPH	3.308	22.029	346890823	2510		ug/ml
ortho-Terphenyl (SURR)	11.680	11.680	4302738	24.91		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	3439876	26.33		ug/ml
Aliphatic C9-C28	3.308	17.047	300894911	2010	1200	ug/ml

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FC061825AL

AreaCount

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	42176071.000	20640977.000	8581963.000	4632454.000	2366353.000	
Aliphatic C12-C16	29735945.000	14914656.000	6266673.000	3402693.000	1714249.000	
Aliphatic C16-C21	42009240.000	21363842.000	9096606.000	5044763.000	2549195.000	
Aliphatic C21-C28	49153709.000	24681333.000	10474538.000	5764217.000	2970075.000	
Aliphatic C28-C40	51466619.000	25624553.000	10688039.000	5834277.000	3093728.000	
Aliphatic EPH	214541584.000	107225361.000	45107819.000	24678404.000	12693600.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	146679.6266662	6.053				
Aliphatic C12-C16	159210.532	6.932				
Aliphatic C16-C21	154434.3226664	9.092				
Aliphatic C21-C28	133966.3675	8.814				
Aliphatic C28-C40	92124.4166662	8.439				
Aliphatic EPH	128354.1601108	7.942				

Concentration

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	140586.903333	137606.513333	143032.716666	154415.133333	157756.866666	
Aliphatic C12-C16	148679.725000	149146.560000	156666.825000	170134.650000	171424.900000	
Aliphatic C16-C21	140030.800000	142425.613333	151610.100000	168158.766666	169946.333333	

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

Inital Calibration Report for SequenceID : FC061825AL

Aliphatic C21-C28	122884.272500	123406.665000	130931.725000	144105.425000	148503.750000	
Aliphatic C28-C40	85777.698333	85415.176666	89066.991666	97237.950000	103124.266666	
Aliphatic EPH	119189.768888	119139.290000	125299.497222	137102.244444	141040.000000	

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

Continuing Calibration Report for SequenceID : FC062425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069266.D**						
Aliphatic C9-C12	8878943.000	60.000	3.308	6.606	147982.383	146679.627	-0.888
Aliphatic C12-C16	6370959.000	40.000	6.607	10.010	159273.975	159210.532	-0.040
Aliphatic C16-C21	8920053.000	60.000	10.011	13.381	148667.550	154434.323	3.734
Aliphatic C21-C28	10569984.000	80.000	13.382	17.047	132124.800	133966.368	1.375
Aliphatic C28-C40	11710804.000	120.000	17.048	22.029	97590.033	92124.417	-5.933
Aliphatic EPH	46450743.000	360.000	3.308	22.029	129029.842	128354.160	-0.526

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	24 Jun 2025 13:03
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069266.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.308	6.606	8878943.000	60.000	ug/ml
Aliphatic C12-C16	6.607	10.010	6370959.000	40.000	ug/ml
Aliphatic C16-C21	10.011	13.381	8920053.000	60.000	ug/ml
Aliphatic C21-C28	13.382	17.047	10569984.000	80.000	ug/ml
Aliphatic C28-C40	17.048	22.029	11710804.000	120.000	ug/ml
Aliphatic EPH	3.308	22.029	46450743.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FC062425AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069274.D**						
Aliphatic C9-C12	8882441.000	60.000	3.308	6.606	148040.683	146679.627	-0.928
Aliphatic C12-C16	6279167.000	40.000	6.607	10.010	156979.175	159210.532	1.402
Aliphatic C16-C21	8783859.000	60.000	10.011	13.381	146397.650	154434.323	5.204
Aliphatic C21-C28	10450768.000	80.000	13.382	17.047	130634.600	133966.368	2.487
Aliphatic C28-C40	11618177.000	120.000	17.048	22.029	96818.142	92124.417	-5.095
Aliphatic EPH	46014412.000	360.000	3.308	22.029	127817.811	128354.160	0.418

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	24 Jun 2025 20:04
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069274.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.308	6.606	8882441.000	60.000	ug/ml
Aliphatic C12-C16	6.607	10.010	6279167.000	40.000	ug/ml
Aliphatic C16-C21	10.011	13.381	8783859.000	60.000	ug/ml
Aliphatic C21-C28	13.382	17.047	10450768.000	80.000	ug/ml
Aliphatic C28-C40	17.048	22.029	11618177.000	120.000	ug/ml
Aliphatic EPH	3.308	22.029	46014412.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069270.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:10
Operator : YP/AJ
Sample : Q2363-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GCAP1

Integration File: autoint1.e
Quant Time: Jun 25 00:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.679	4598725	26.619 ug/ml
Spiked Amount 50.000		Recovery =	53.24%
12) S 1-chlorooctadecane (S...	13.114	3598819	27.547 ug/ml
Spiked Amount 50.000		Recovery =	55.09%
Target Compounds			

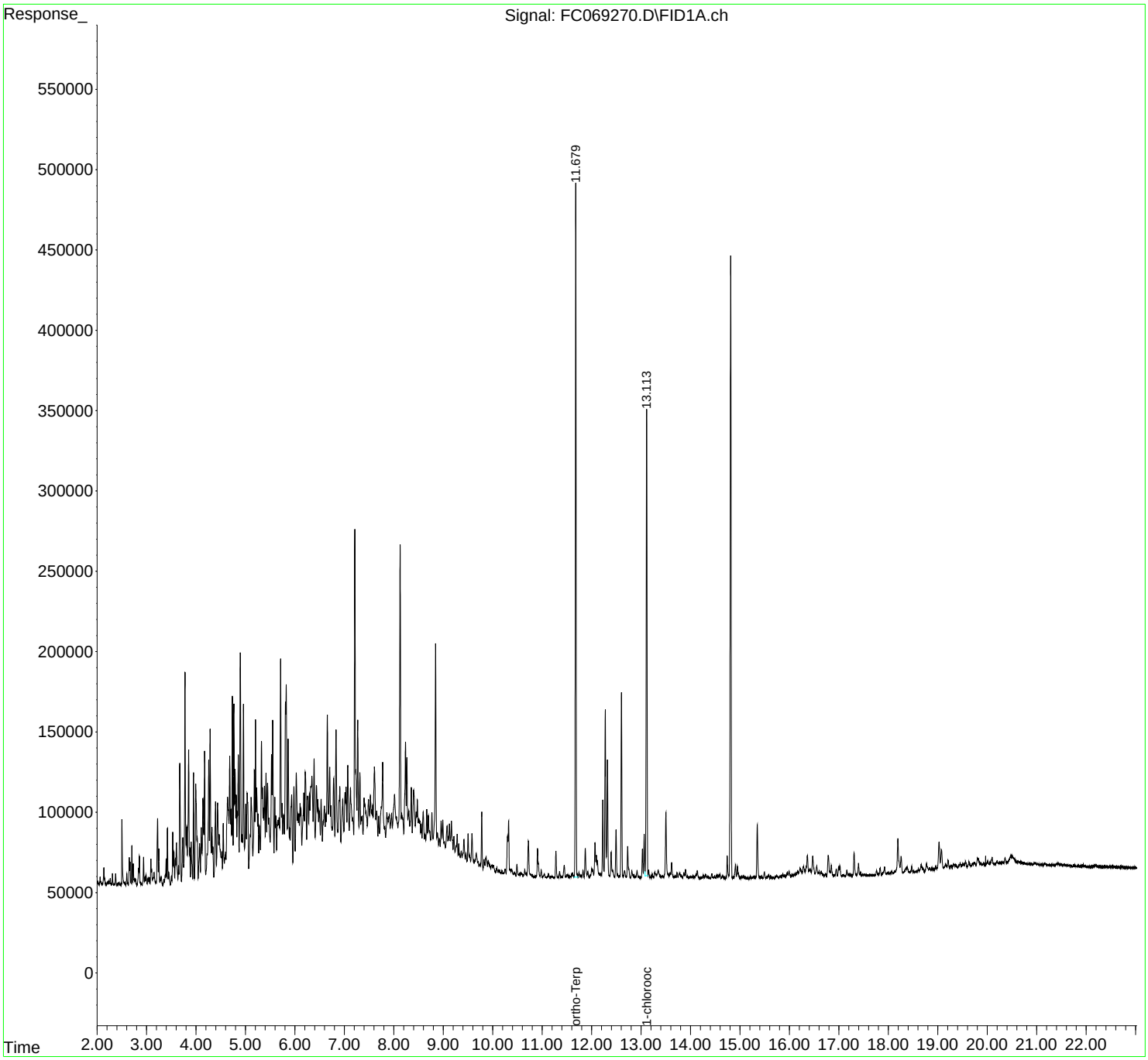
(f)=RT Delta > 1/2 Window (m)=manual int.

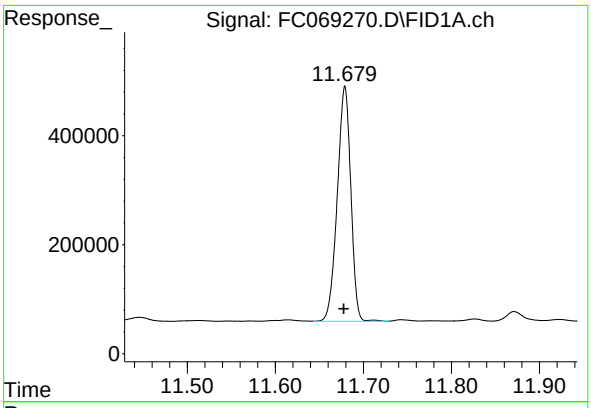
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069270.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:10
Operator : YP/AJ
Sample : Q2363-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GCAP1

Integration File: autoint1.e
Quant Time: Jun 25 00:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

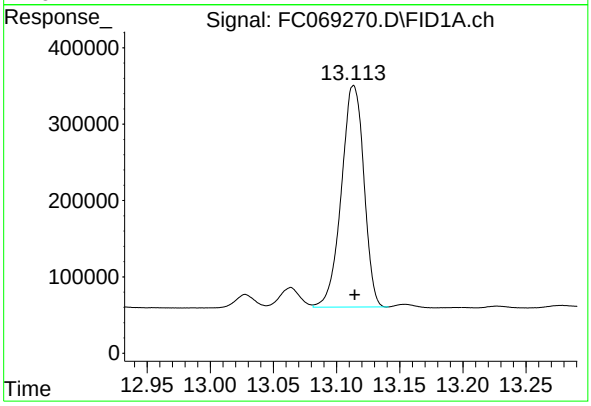




#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 4598725
Conc: 26.62 ug/ml

Instrument :
FID_C
ClientSampleId :
GCAP1



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3598819
Conc: 27.55 ug/ml

rteres
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069270.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:10
Sample : Q2363-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	% max.	% of total
1	3.224	3.204	3.239	PV	35267	362968	7.41%	0.184%
2	3.249	3.239	3.269	PV	16639	119209	2.43%	0.060%
3	3.297	3.269	3.324	PV	4382	64179	1.31%	0.033%
4	3.351	3.324	3.361	PV	3556	34001	0.69%	0.017%
5	3.397	3.361	3.408	VV	16217	203999	4.16%	0.103%
6	3.423	3.408	3.484	VV	35289	441304	9.01%	0.224%
7	3.504	3.484	3.513	VV	5414	49164	1.00%	0.025%
8	3.531	3.513	3.544	VV	32558	329750	6.73%	0.167%
9	3.554	3.544	3.570	VV	20460	207192	4.23%	0.105%

rteres

10	3.605	3.570	3.635	VV	26112	528473	10.79%	0.268%
11	3.673	3.635	3.706	VV	75478	1096498	22.39%	0.556%
12	3.735	3.706	3.751	VV	29414	440136	8.99%	0.223%
13	3.778	3.751	3.801	VV	131774	1547437	31.59%	0.785%
14	3.812	3.801	3.824	VV	35626	400523	8.18%	0.203%
15	3.852	3.824	3.888	VV	83730	1361844	27.80%	0.691%
16	3.903	3.888	3.934	VV	26199	379566	7.75%	0.193%
17	3.951	3.934	3.969	VV	69623	634795	12.96%	0.322%
18	3.997	3.969	4.045	VV	60952	1372935	28.03%	0.697%
19	4.073	4.045	4.090	VV	25654	410842	8.39%	0.208%
20	4.107	4.090	4.122	VV	35366	455811	9.31%	0.231%
21	4.141	4.122	4.158	VV	53364	768780	15.70%	0.390%
22	4.174	4.158	4.197	VV	83318	964784	19.70%	0.489%
23	4.258	4.197	4.271	VV	77362	1288814	26.31%	0.654%
24	4.286	4.271	4.310	VV	96293	1187414	24.24%	0.602%
25	4.323	4.310	4.362	VV	35513	639388	13.05%	0.324%
26	4.395	4.362	4.415	VV	51186	832602	17.00%	0.422%
27	4.437	4.415	4.458	VV	50324	858972	17.54%	0.436%
28	4.469	4.458	4.511	VV	30945	732192	14.95%	0.371%
29	4.521	4.511	4.534	VV	20253	233137	4.76%	0.118%
30	4.551	4.534	4.574	VV	37914	516754	10.55%	0.262%
31	4.597	4.574	4.607	VV	20017	342145	6.99%	0.174%
32	4.639	4.607	4.666	VV	54353	1465901	29.93%	0.744%
33	4.682	4.666	4.698	VV	79413	1052227	21.48%	0.534%
34	4.707	4.698	4.720	VV	46444	543151	11.09%	0.276%
35	4.736	4.720	4.751	VV	116074	1235569	25.23%	0.627%

rteres

36	4.766	4.751	4.779	VV	111175	1189828	24.29%	0.604%
37	4.789	4.779	4.804	VV	71213	894307	18.26%	0.454%
38	4.813	4.804	4.826	VV	55705	574879	11.74%	0.292%
39	4.855	4.826	4.872	VV	80544	1370084	27.97%	0.695%
40	4.896	4.872	4.922	VV	144559	2169089	44.28%	1.100%
41	4.931	4.922	4.939	VV	30851	293767	6.00%	0.149%
42	4.959	4.939	4.982	VV	112229	1466604	29.94%	0.744%
43	5.005	4.982	5.019	VV	49758	776846	15.86%	0.394%
44	5.035	5.019	5.066	VV	56646	1104195	22.54%	0.560%
45	5.115	5.066	5.149	VV	53887	1593702	32.54%	0.809%
46	5.180	5.149	5.190	VV	70945	984415	20.10%	0.499%
47	5.203	5.190	5.218	VV	101191	1156306	23.61%	0.587%
48	5.227	5.218	5.246	VV	59349	835099	17.05%	0.424%
49	5.253	5.246	5.268	VV	43872	459272	9.38%	0.233%
50	5.282	5.268	5.304	VV	36355	618576	12.63%	0.314%
51	5.324	5.304	5.356	VV	88939	1757534	35.88%	0.892%
52	5.385	5.356	5.400	VV	60907	1233387	25.18%	0.626%
53	5.416	5.400	5.430	VV	68684	865297	17.67%	0.439%
54	5.447	5.430	5.499	VV	61897	1754663	35.82%	0.890%
55	5.528	5.499	5.538	VV	79807	1183687	24.17%	0.600%
56	5.551	5.538	5.577	VV	101929	1427962	29.15%	0.724%
57	5.594	5.577	5.631	VV	53879	1166463	23.81%	0.592%
58	5.660	5.631	5.669	VV	39762	811793	16.57%	0.412%
59	5.680	5.669	5.690	VV	40892	474225	9.68%	0.241%
60	5.711	5.690	5.752	VV	139810	2467071	50.37%	1.252%

rteres

61	5.770	5.752	5.786	VV	43048	772941	15.78%	0.392%
62	5.824	5.786	5.846	VV	124445	2825387	57.68%	1.433%
63	5.863	5.846	5.904	VV	89404	1730386	35.33%	0.878%
64	5.934	5.904	5.959	VV	55285	1258355	25.69%	0.638%
65	5.981	5.959	6.005	VV	60277	997649	20.37%	0.506%
66	6.029	6.005	6.052	VV	68878	1345382	27.47%	0.683%
67	6.060	6.052	6.070	VV	43006	438961	8.96%	0.223%
68	6.080	6.070	6.091	VV	43596	494909	10.10%	0.251%
69	6.105	6.091	6.115	VV	49760	633022	12.92%	0.321%
70	6.122	6.115	6.141	VV	46482	588967	12.02%	0.299%
71	6.180	6.141	6.193	VV	56728	1289651	26.33%	0.654%
72	6.211	6.193	6.239	VV	69025	1434890	29.29%	0.728%
73	6.259	6.239	6.280	VV	54045	1128749	23.04%	0.573%
74	6.295	6.280	6.306	VV	55929	755413	15.42%	0.383%
75	6.345	6.306	6.368	VV	66719	2121855	43.32%	1.076%
76	6.388	6.368	6.410	VV	77419	1297671	26.49%	0.658%
77	6.437	6.410	6.454	VV	60653	1236144	25.24%	0.627%
78	6.464	6.454	6.479	VV	52138	718110	14.66%	0.364%
79	6.491	6.479	6.515	VV	45010	843602	17.22%	0.428%
80	6.530	6.515	6.556	VV	52163	981284	20.03%	0.498%
81	6.597	6.556	6.614	VV	48233	1370469	27.98%	0.695%
82	6.626	6.614	6.635	VV	43152	518150	10.58%	0.263%
83	6.656	6.635	6.679	VV	103944	1725094	35.22%	0.875%
84	6.704	6.679	6.751	VV	72142	2102739	42.93%	1.067%
85	6.785	6.751	6.808	VV	65170	1541484	31.47%	0.782%
86	6.833	6.808	6.871	VV	95611	2040337	41.66%	1.035%

rteres

87	6.908	6.871	6.930	VV	60131	1564294	31.94%	0.794%
88	6.967	6.930	6.992	VV	52189	1471921	30.05%	0.747%
89	7.014	6.992	7.024	VV	56074	863045	17.62%	0.438%
90	7.036	7.024	7.051	VV	59365	856716	17.49%	0.435%
91	7.070	7.051	7.099	VV	72920	1474238	30.10%	0.748%
92	7.124	7.099	7.190	VV	58927	2355112	48.08%	1.195%
93	7.212	7.190	7.254	VV	218759	3606541	73.63%	1.830%
94	7.271	7.254	7.295	VV	100974	1605043	32.77%	0.814%
95	7.315	7.295	7.333	VV	68569	1119888	22.86%	0.568%
96	7.343	7.333	7.352	VV	41170	456558	9.32%	0.232%
97	7.360	7.352	7.378	VV	41500	582219	11.89%	0.295%
98	7.400	7.378	7.412	VV	52501	915273	18.69%	0.464%
99	7.418	7.412	7.466	VV	48556	1381016	28.19%	0.701%
100	7.488	7.466	7.511	VV	51798	1212871	24.76%	0.615%
101	7.527	7.511	7.561	VV	54588	1406151	28.71%	0.713%
102	7.572	7.561	7.583	VV	48124	603096	12.31%	0.306%
103	7.608	7.583	7.636	VV	71819	1767888	36.09%	0.897%
104	7.653	7.636	7.678	VV	44425	1007430	20.57%	0.511%
105	7.693	7.678	7.712	VV	41120	716291	14.62%	0.363%
106	7.775	7.712	7.834	VV	74428	3153521	64.38%	1.600%
107	7.860	7.834	7.883	VV	43277	1099791	22.45%	0.558%
108	7.910	7.883	7.928	VV	42275	1069290	21.83%	0.542%
109	7.955	7.928	7.972	VV	42927	995575	20.33%	0.505%
110	8.015	7.972	8.082	VV	54881	2830952	57.80%	1.436%
111	8.128	8.082	8.151	VV	210418	3510052	71.66%	1.781%
112	8.160	8.151	8.201	VV	42349	1168225	23.85%	0.593%

rteres

113	8.236	8.201	8.251	VV	87566	1725730	35.23%	0.875%
114	8.264	8.251	8.284	VV	77658	1126083	22.99%	0.571%
115	8.303	8.284	8.321	VV	44014	904199	18.46%	0.459%
116	8.353	8.321	8.373	VV	59088	1332380	27.20%	0.676%
117	8.400	8.373	8.434	VV	57178	1696254	34.63%	0.861%
118	8.452	8.434	8.462	VV	43540	655980	13.39%	0.333%
119	8.476	8.462	8.492	VV	51258	810884	16.55%	0.411%
120	8.501	8.492	8.543	VV	39106	1120263	22.87%	0.568%
121	8.555	8.543	8.570	VV	36010	542818	11.08%	0.275%
122	8.594	8.570	8.621	VV	43696	1067250	21.79%	0.541%
123	8.633	8.621	8.646	VV	29603	423470	8.65%	0.215%
124	8.666	8.646	8.682	VV	45215	763028	15.58%	0.387%
125	8.698	8.682	8.745	VV	41574	1245620	25.43%	0.632%
126	8.771	8.745	8.791	VV	43449	911439	18.61%	0.462%
127	8.845	8.791	8.870	VV	147286	2709164	55.31%	1.374%
128	8.883	8.870	8.906	VV	30568	605286	12.36%	0.307%
129	8.922	8.906	8.938	VV	26946	480068	9.80%	0.244%
130	8.957	8.938	8.975	VV	37418	678175	13.85%	0.344%
131	8.991	8.975	9.014	VV	38641	736803	15.04%	0.374%
132	9.024	9.014	9.045	VV	25183	429749	8.77%	0.218%
133	9.077	9.045	9.094	VV	34914	847893	17.31%	0.430%
134	9.124	9.094	9.143	VV	36112	855681	17.47%	0.434%
135	9.165	9.143	9.198	VV	37848	950223	19.40%	0.482%
136	9.215	9.198	9.238	VV	28240	568357	11.60%	0.288%
137	9.282	9.238	9.300	VV	29714	834494	17.04%	0.423%
138	9.314	9.300	9.344	VV	23746	492520	10.06%	0.250%

rteres

139	9.363	9.344	9.380	VV	19041	373700	7.63%	0.190%
140	9.418	9.380	9.444	VV	26479	743421	15.18%	0.377%
141	9.459	9.444	9.481	VV	17676	334685	6.83%	0.170%
142	9.502	9.481	9.554	VV	29953	797514	16.28%	0.405%
143	9.581	9.554	9.614	VV	29955	676756	13.82%	0.343%
144	9.624	9.614	9.635	VV	13094	164727	3.36%	0.084%
145	9.667	9.635	9.722	VV	17663	709561	14.49%	0.360%
146	9.779	9.722	9.804	VV	43344	826419	16.87%	0.419%
147	9.825	9.804	9.843	VV	13768	257857	5.26%	0.131%
148	9.866	9.843	9.895	VV	15313	392699	8.02%	0.199%
149	9.911	9.895	9.960	VV	13112	409884	8.37%	0.208%
150	9.980	9.960	10.002	VV	10138	241321	4.93%	0.122%
151	10.015	10.002	10.057	VV	10065	267889	5.47%	0.136%
152	10.084	10.057	10.106	VV	8311	201893	4.12%	0.102%
153	10.122	10.106	10.167	VV	6690	220811	4.51%	0.112%
154	10.187	10.167	10.217	VV	6510	163736	3.34%	0.083%
155	10.250	10.217	10.271	VV	7641	196235	4.01%	0.100%
156	10.322	10.271	10.346	VV	37477	896336	18.30%	0.455%
157	10.354	10.346	10.370	VV	7278	98635	2.01%	0.050%
158	10.384	10.370	10.415	VV	7531	163394	3.34%	0.083%
159	10.445	10.415	10.470	VV	5139	150009	3.06%	0.076%
160	10.490	10.470	10.524	VV	10491	197899	4.04%	0.100%
161	10.533	10.524	10.543	VV	4299	46447	0.95%	0.024%
162	10.554	10.543	10.562	VV	4298	47879	0.98%	0.024%
163	10.579	10.562	10.614	VV	4773	133619	2.73%	0.068%
164	10.649	10.614	10.664	VV	6670	143613	2.93%	0.073%

rteres

165	10.675	10.664	10.689	VV	4956	65182	1.33%	0.033%
166	10.722	10.689	10.819	VV	25152	597156	12.19%	0.303%
167	10.826	10.819	10.844	VV	2756	39041	0.80%	0.020%
168	10.874	10.844	10.883	VV	3195	63624	1.30%	0.032%
169	10.907	10.883	10.954	VV	20127	376560	7.69%	0.191%
170	10.981	10.954	11.010	VV	6801	135468	2.77%	0.069%
171	11.044	11.010	11.086	VV	4119	134762	2.75%	0.068%
172	11.127	11.086	11.174	VV	4269	146134	2.98%	0.074%
173	11.194	11.174	11.236	VV	2765	85307	1.74%	0.043%
174	11.278	11.236	11.311	VV	18387	279464	5.71%	0.142%
175	11.322	11.311	11.330	VV	2374	26248	0.54%	0.013%
176	11.353	11.330	11.389	VV	5759	115931	2.37%	0.059%
177	11.399	11.389	11.410	VV	2525	31228	0.64%	0.016%
178	11.445	11.410	11.482	VV	9465	210443	4.30%	0.107%
179	11.513	11.482	11.535	VV	3545	92995	1.90%	0.047%
180	11.547	11.535	11.559	VV	2551	35819	0.73%	0.018%
181	11.572	11.559	11.583	VV	2616	34572	0.71%	0.018%
182	11.614	11.583	11.643	VV	4718	121749	2.49%	0.062%
183	11.679	11.643	11.727	VV	429268	4707182	96.10%	2.388%
184	11.744	11.727	11.766	VV	4963	83399	1.70%	0.042%
185	11.779	11.766	11.797	VV	3051	52619	1.07%	0.027%
186	11.826	11.797	11.848	VV	6288	119571	2.44%	0.061%
187	11.872	11.848	11.905	VV	19894	313501	6.40%	0.159%
188	11.922	11.905	11.950	VV	5412	102739	2.10%	0.052%
189	12.003	11.950	12.015	VV	7499	160557	3.28%	0.081%
190	12.024	12.015	12.042	VV	6810	89540	1.83%	0.045%

rteres

191	12.069	12.042	12.085	VV	23544	352550	7.20%	0.179%
192	12.096	12.085	12.109	VV	15652	189931	3.88%	0.096%
193	12.116	12.109	12.177	VV	12343	245549	5.01%	0.125%
194	12.190	12.177	12.200	VV	3888	49380	1.01%	0.025%
195	12.226	12.200	12.250	VV	50184	596795	12.18%	0.303%
196	12.276	12.250	12.298	VV	107115	1291683	26.37%	0.655%
197	12.320	12.298	12.367	VV	75060	1005385	20.53%	0.510%
198	12.394	12.367	12.467	VV	17429	381440	7.79%	0.194%
199	12.494	12.467	12.546	VV	31337	451547	9.22%	0.229%
200	12.604	12.546	12.638	VV	117166	1435292	29.30%	0.728%
201	12.666	12.638	12.704	VV	5924	138469	2.83%	0.070%
202	12.730	12.704	12.780	VV	20834	348994	7.13%	0.177%
203	12.814	12.780	12.878	VV	5410	168353	3.44%	0.085%
204	12.919	12.878	12.977	VV	5697	154082	3.15%	0.078%
205	13.028	12.977	13.044	VV	19155	247512	5.05%	0.126%
206	13.063	13.044	13.081	VV	28394	334380	6.83%	0.170%
207	13.114	13.081	13.141	VV	292125	3690530	75.35%	1.872%
208	13.154	13.141	13.179	VV	6079	85341	1.74%	0.043%
209	13.198	13.179	13.210	VV	1929	32034	0.65%	0.016%
210	13.227	13.210	13.251	VV	3744	59012	1.20%	0.030%
211	13.278	13.251	13.309	VV	4667	110291	2.25%	0.056%
212	13.346	13.309	13.401	VV	6044	193181	3.94%	0.098%
213	13.428	13.401	13.451	VV	2067	54806	1.12%	0.028%
214	13.503	13.451	13.567	VV	41628	702486	14.34%	0.356%
215	13.586	13.567	13.596	VV	3594	55272	1.13%	0.028%

rteres

216	13.618	13.596	13.658	VV	10542	177523	3.62%	0.090%
217	13.728	13.658	13.748	VV	4050	116231	2.37%	0.059%
218	13.780	13.748	13.834	VV	3960	129545	2.64%	0.066%
219	13.865	13.834	13.880	VV	3585	64235	1.31%	0.033%
220	13.899	13.880	13.925	VV	6105	97729	2.00%	0.050%
221	13.936	13.925	13.955	VV	1834	25859	0.53%	0.013%
222	13.966	13.955	13.973	VV	1181	12603	0.26%	0.006%
223	13.989	13.973	14.011	VV	1586	30547	0.62%	0.015%
224	14.040	14.011	14.061	VV	1856	43821	0.89%	0.022%
225	14.075	14.061	14.087	VV	1640	22797	0.47%	0.012%
226	14.110	14.087	14.120	VV	2951	43891	0.90%	0.022%
227	14.137	14.120	14.191	VV	5199	94029	1.92%	0.048%
228	14.257	14.191	14.279	VV	2624	65260	1.33%	0.033%
229	14.304	14.279	14.337	VV	2734	61101	1.25%	0.031%
230	14.354	14.337	14.403	VV	1674	39082	0.80%	0.020%
231	14.430	14.403	14.454	VV	3499	54024	1.10%	0.027%
232	14.488	14.454	14.507	VV	1605	37757	0.77%	0.019%
233	14.530	14.507	14.548	VV	2233	41492	0.85%	0.021%
234	14.572	14.548	14.580	VV	2103	34877	0.71%	0.018%
235	14.596	14.580	14.618	VV	2968	43860	0.90%	0.022%
236	14.654	14.618	14.711	VV	1965	56381	1.15%	0.029%
237	14.742	14.711	14.773	VV	14372	183940	3.76%	0.093%
238	14.812	14.773	14.846	VV	384744	4898151	100.00%	2.485%
239	14.862	14.846	14.875	VV	1115	15161	0.31%	0.008%
240	14.908	14.875	14.929	VV	8733	131315	2.68%	0.067%
241	14.949	14.929	14.994	VV	7827	134150	2.74%	0.068%

rteres

242	15.013	14.994	15.024	VV	800	11170	0.23%	0.006%
243	15.041	15.024	15.054	VV	1403	18705	0.38%	0.009%
244	15.069	15.054	15.089	VV	1547	21976	0.45%	0.011%
245	15.111	15.089	15.131	VV	878	14829	0.30%	0.008%
246	15.148	15.131	15.181	VV	652	10879	0.22%	0.006%
247	15.206	15.181	15.241	PV	930	19512	0.40%	0.010%
248	15.295	15.241	15.317	VV	1218	35975	0.73%	0.018%
249	15.349	15.317	15.419	VV	33401	479070	9.78%	0.243%
250	15.434	15.419	15.466	VV	1067	17719	0.36%	0.009%
251	15.493	15.466	15.525	VV	4016	57923	1.18%	0.029%
252	15.545	15.525	15.558	VV	1024	13002	0.27%	0.007%
253	15.581	15.558	15.604	VV	1950	32641	0.67%	0.017%
254	15.622	15.604	15.654	VV	1062	14874	0.30%	0.008%
255	15.669	15.654	15.688	VV	391	5226	0.11%	0.003%
256	15.746	15.688	15.781	VV	1364	39061	0.80%	0.020%
257	15.819	15.781	15.845	VV	1105	30936	0.63%	0.016%
258	15.867	15.845	15.898	VV	2087	44526	0.91%	0.023%
259	15.957	15.898	15.974	VV	3553	82220	1.68%	0.042%
260	15.993	15.974	16.034	VV	4166	79570	1.62%	0.040%
261	16.057	16.034	16.086	VV	1691	45115	0.92%	0.023%
262	16.122	16.086	16.134	VV	2298	53706	1.10%	0.027%
263	16.170	16.134	16.188	VV	3523	93859	1.92%	0.048%
264	16.214	16.188	16.256	VV	5135	170706	3.49%	0.087%
265	16.285	16.256	16.315	VV	6724	173675	3.55%	0.088%
266	16.363	16.315	16.390	VV	13564	332700	6.79%	0.169%
267	16.415	16.390	16.442	VV	4545	130740	2.67%	0.066%

rteres

268	16.471	16.442	16.517	VV	13160	295619	6.04%	0.150%
269	16.553	16.517	16.581	VV	6555	154741	3.16%	0.079%
270	16.599	16.581	16.619	VV	3190	61004	1.25%	0.031%
271	16.640	16.619	16.704	VV	3146	91707	1.87%	0.047%
272	16.726	16.704	16.751	VV	1672	32160	0.66%	0.016%
273	16.787	16.751	16.828	VV	13361	277153	5.66%	0.141%
274	16.847	16.828	16.891	VV	7145	122167	2.49%	0.062%
275	16.947	16.891	16.970	VV	4712	89042	1.82%	0.045%
276	16.997	16.970	17.008	VV	6269	84391	1.72%	0.043%
277	17.021	17.008	17.053	VV	6680	93247	1.90%	0.047%
278	17.096	17.053	17.124	VV	792	20473	0.42%	0.010%
279	17.162	17.124	17.264	VV	3908	95081	1.94%	0.048%
280	17.308	17.264	17.363	VV	14541	237510	4.85%	0.120%
281	17.397	17.363	17.421	VV	7913	116657	2.38%	0.059%
282	17.438	17.421	17.461	VV	2021	29456	0.60%	0.015%
283	17.479	17.461	17.544	VV	805	31428	0.64%	0.016%
284	17.554	17.544	17.588	VV	665	7472	0.15%	0.004%
285	17.621	17.588	17.631	PV	548	8002	0.16%	0.004%
286	17.637	17.631	17.655	VV	401	4640	0.09%	0.002%
287	17.675	17.655	17.698	VV	562	8606	0.18%	0.004%
288	17.763	17.698	17.789	VV	3153	58843	1.20%	0.030%
289	17.834	17.789	17.864	VV	4380	79550	1.62%	0.040%
290	17.924	17.864	17.964	VV	5312	119697	2.44%	0.061%
291	18.015	17.964	18.030	VV	1250	42564	0.87%	0.022%
292	18.070	18.030	18.098	VV	2345	57397	1.17%	0.029%
293	18.193	18.098	18.234	VV	22520	523143	10.68%	0.265%

rteres

294	18.259	18.234	18.294	VV	11190	207974	4.25%	0.106%
295	18.383	18.294	18.444	VV	4577	219891	4.49%	0.112%
296	18.472	18.444	18.501	VV	4992	89645	1.83%	0.045%
297	18.521	18.501	18.535	VV	1670	31010	0.63%	0.016%
298	18.552	18.535	18.570	VV	1794	33937	0.69%	0.017%
299	18.608	18.570	18.628	VV	2966	71028	1.45%	0.036%
300	18.664	18.628	18.688	VV	5956	140034	2.86%	0.071%
301	18.699	18.688	18.733	VV	3482	67377	1.38%	0.034%
302	18.771	18.733	18.814	VV	5919	172464	3.52%	0.087%
303	18.839	18.814	18.858	VV	3455	76578	1.56%	0.039%
304	18.882	18.858	18.924	VV	3261	101952	2.08%	0.052%
305	18.959	18.924	18.984	VV	4023	114937	2.35%	0.058%
306	19.025	18.984	19.052	VV	19338	417530	8.52%	0.212%
307	19.075	19.052	19.114	VV	14607	325801	6.65%	0.165%
308	19.156	19.114	19.188	VV	5237	184328	3.76%	0.094%
309	19.210	19.188	19.238	VV	7571	155820	3.18%	0.079%
310	19.267	19.238	19.290	VV	4412	118006	2.41%	0.060%
311	19.325	19.290	19.344	VV	5262	145153	2.96%	0.074%
312	19.364	19.344	19.404	VV	4816	142937	2.92%	0.073%
313	19.453	19.404	19.477	VV	5894	190449	3.89%	0.097%
314	19.493	19.477	19.508	VV	4800	81668	1.67%	0.041%
315	19.525	19.508	19.541	VV	5140	94969	1.94%	0.048%
316	19.561	19.541	19.595	VV	6269	160495	3.28%	0.081%
317	19.631	19.595	19.672	VV	6554	216136	4.41%	0.110%
318	19.701	19.672	19.714	VV	5241	117630	2.40%	0.060%
319	19.743	19.714	19.771	VV	5886	175455	3.58%	0.089%

rteres

320	19.804	19.771	19.851	VV	8254	305500	6.24%	0.155%
321	19.866	19.851	19.896	VV	5063	127421	2.60%	0.065%
322	19.923	19.896	19.950	VV	4906	144614	2.95%	0.073%
323	20.010	19.950	20.034	VV	6208	251418	5.13%	0.128%
324	20.054	20.034	20.064	VV	5347	87840	1.79%	0.045%
325	20.099	20.064	20.138	VV	8691	271164	5.54%	0.138%
326	20.154	20.138	20.165	VV	4700	73407	1.50%	0.037%
327	20.198	20.165	20.224	VV	5794	184202	3.76%	0.093%
328	20.245	20.224	20.271	VV	4936	133097	2.72%	0.068%
329	20.309	20.271	20.333	VV	5332	186362	3.80%	0.095%
330	20.361	20.333	20.397	VV	7899	227550	4.65%	0.115%
331	20.484	20.397	20.598	VV	8920	845329	17.26%	0.429%
332	20.605	20.598	20.613	VV	5241	46592	0.95%	0.024%
333	20.626	20.613	20.648	VV	5249	106324	2.17%	0.054%
334	20.672	20.648	20.724	VV	5033	207438	4.24%	0.105%
335	20.749	20.724	20.850	VV	4233	288653	5.89%	0.146%
336	20.869	20.850	20.920	VV	3814	147153	3.00%	0.075%
337	20.961	20.920	21.004	VV	3894	179223	3.66%	0.091%
338	21.023	21.004	21.122	VV	3324	209228	4.27%	0.106%
339	21.168	21.122	21.213	VV	3315	155677	3.18%	0.079%
340	21.226	21.213	21.243	VV	2598	46141	0.94%	0.023%
341	21.269	21.243	21.334	VV	2609	132334	2.70%	0.067%
342	21.351	21.334	21.378	VV	2348	61343	1.25%	0.031%
343	21.424	21.378	21.538	VV	3173	250275	5.11%	0.127%
344	21.555	21.538	21.581	VV	2048	50026	1.02%	0.025%
345	21.616	21.581	21.648	VV	1862	72098	1.47%	0.037%

rteres

346	21.659	21.648	21.728	VV	1826	69479	1.42%	0.035%
347	21.758	21.728	21.805	VV	1686	63270	1.29%	0.032%
348	21.838	21.805	21.870	VV	1437	47989	0.98%	0.024%
349	21.939	21.870	21.978	VV	1477	74981	1.53%	0.038%
350	21.988	21.978	22.067	VV	866	30872	0.63%	0.016%
351	22.104	22.067	22.124	VV	464	13464	0.27%	0.007%
352	22.197	22.124	22.246	VV	1200	52036	1.06%	0.026%
353	22.253	22.246	22.266	VV	268	2709	0.06%	0.001%
354	22.285	22.266	22.292	VV	229	3246	0.07%	0.002%
355	22.299	22.292	22.332	VV	220	3360	0.07%	0.002%
356	22.369	22.332	22.398	VV	167	3866	0.08%	0.002%

Sum of corrected areas: 197118249

Aliphatic EPH 061825.M Wed Jun 25 01:23:09 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069267.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 13:48
Operator : YP/AJ
Sample : PB168596BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168596BL

Integration File: autoint1.e
Quant Time: Jun 25 00:39:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.679	5889732	34.092 ug/ml
Spiked Amount 50.000		Recovery = 68.18%	
12) S 1-chlorooctadecane (S...	13.114	4586388	35.107 ug/ml
Spiked Amount 50.000		Recovery = 70.21%	
Target Compounds			

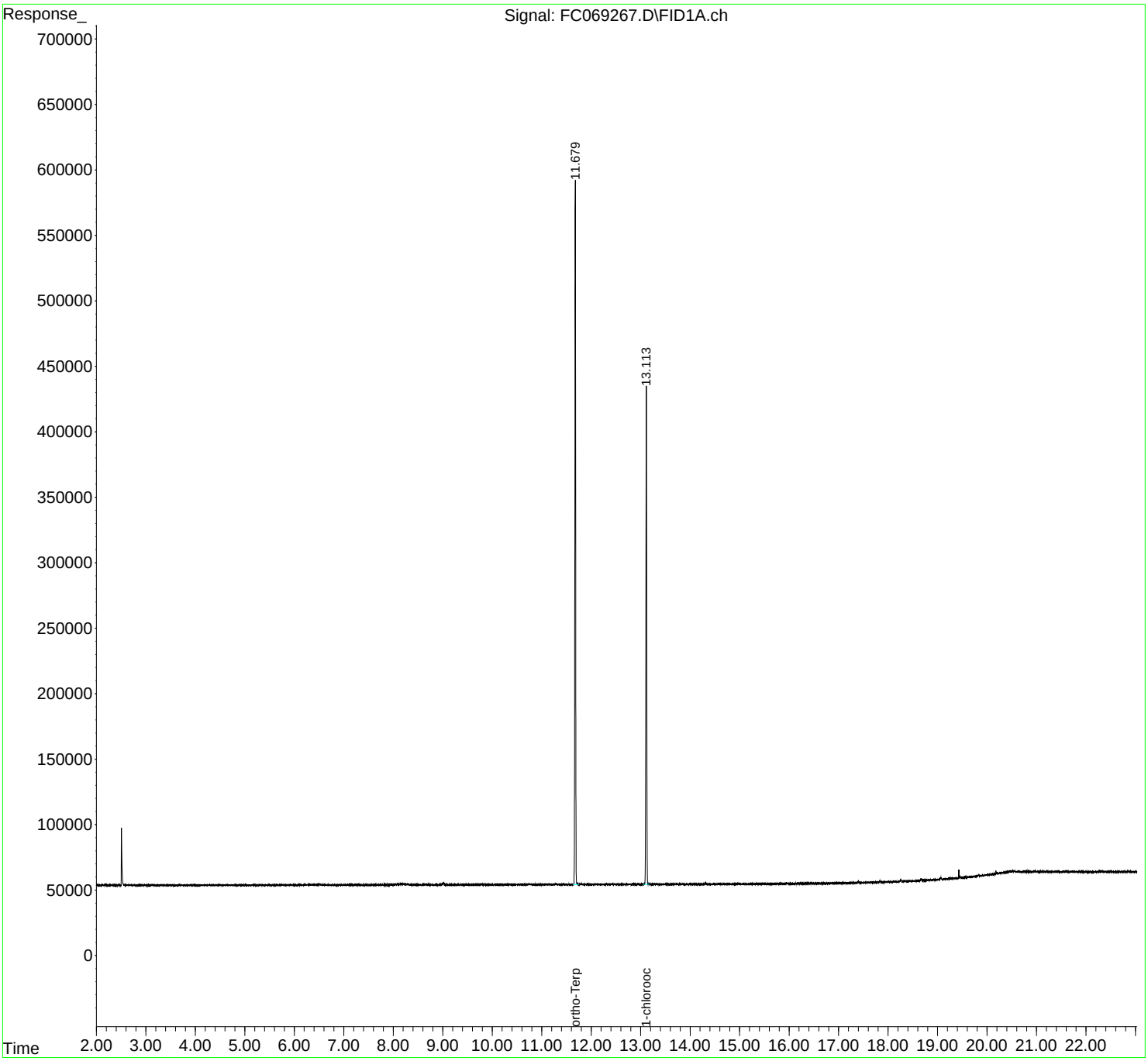
(f)=RT Delta > 1/2 Window (m)=manual int.

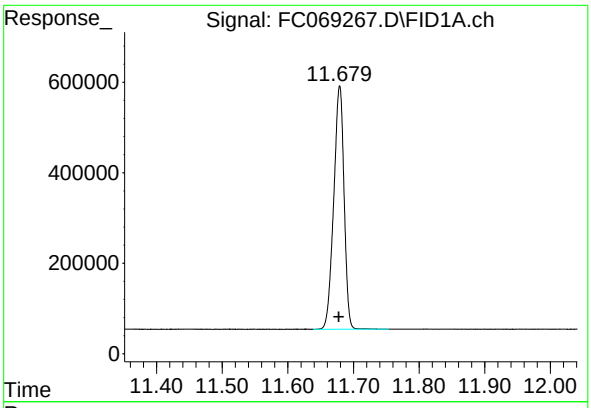
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069267.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 13:48
Operator : YP/AJ
Sample : PB168596BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168596BL

Integration File: autoint1.e
Quant Time: Jun 25 00:39:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

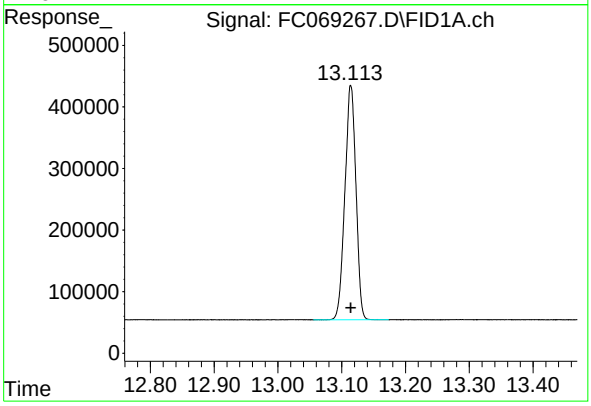




#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 5889732
Conc: 34.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168596BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 4586388
Conc: 35.11 ug/ml

rteres
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069267.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 13:48
Sample : PB168596BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.679	11.639	11.754	BB	538416	5889732	100.00%	56.221%
2	13.114	13.055	13.174	BB	381565	4586388	77.87%	43.779%

Sum of corrected areas: 10476120

Aliphatic EPH 061825.M Wed Jun 25 01:16:56 2025

Quantitation Report (QT Reviewed)

Sample Results: **FC069268.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069268.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 14:35
Operator : YP/AJ
Sample : PB168596BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168596BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.681	6080452	35.196 ug/ml
Spiked Amount	50.000		Recovery =	70.39%
12) S	1-chlorooctadecane (S...	13.115	4791844	36.679 ug/ml
Spiked Amount	50.000		Recovery =	73.36%
	Target Compounds			
1) T	n-Nonane (C9)	3.425	5342859	37.568 ug/ml
2) T	n-Decane (C10)	4.490	5821037	39.762 ug/ml
3) T	A~Naphthalene (C11.7)	6.080	7197388	44.734 ug/ml
4) T	n-Dodecane (C12)	6.509	6189435	40.875 ug/ml
5) T	A~2-methylnaphthalene...	7.139	6720834	42.470 ug/ml
6) T	n-Tetradecane (C14)	8.309	6303781	40.668 ug/ml
7) T	n-Hexadecane (C16)	9.913	6310028	38.613 ug/ml
8) T	n-Octadecane (C18)	11.358	6061634	37.126 ug/ml
10) T	n-Eicosane (C20)	12.671	5920908	38.790 ug/ml
11) T	n-Heneicosane (C21)	13.283	5538518	37.577 ug/ml
13) T	n-Docosane (C22)	13.870	5360430	37.256 ug/ml
14) T	n-Tetracosane (C24)	14.968	10329644	74.890 ug/ml
15) T	n-Hexacosane (C26)	16.000	4812588	36.815 ug/ml
16) T	n-Octacosane (C28)	16.949	4583845	37.168 ug/ml
17) T	n-Tricontane (C30)	17.840	4416951	37.154 ug/ml
18) T	n-Dotriacontane (C32)	18.672	4258985	38.953 ug/ml
19) T	n-Tetratriacontane (C34)	19.457	4356580	45.115 ug/ml
20) T	n-Hexatriacontane (C36)	20.199	4159372	50.470 ug/ml
21) T	n-Octatriacontane (C38)	20.969	4270903	57.151 ug/ml
22) T	n-Tetracontane (C40)	21.939	4277946	60.409 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069268.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 14:35
Operator : YP/AJ
Sample : PB168596BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

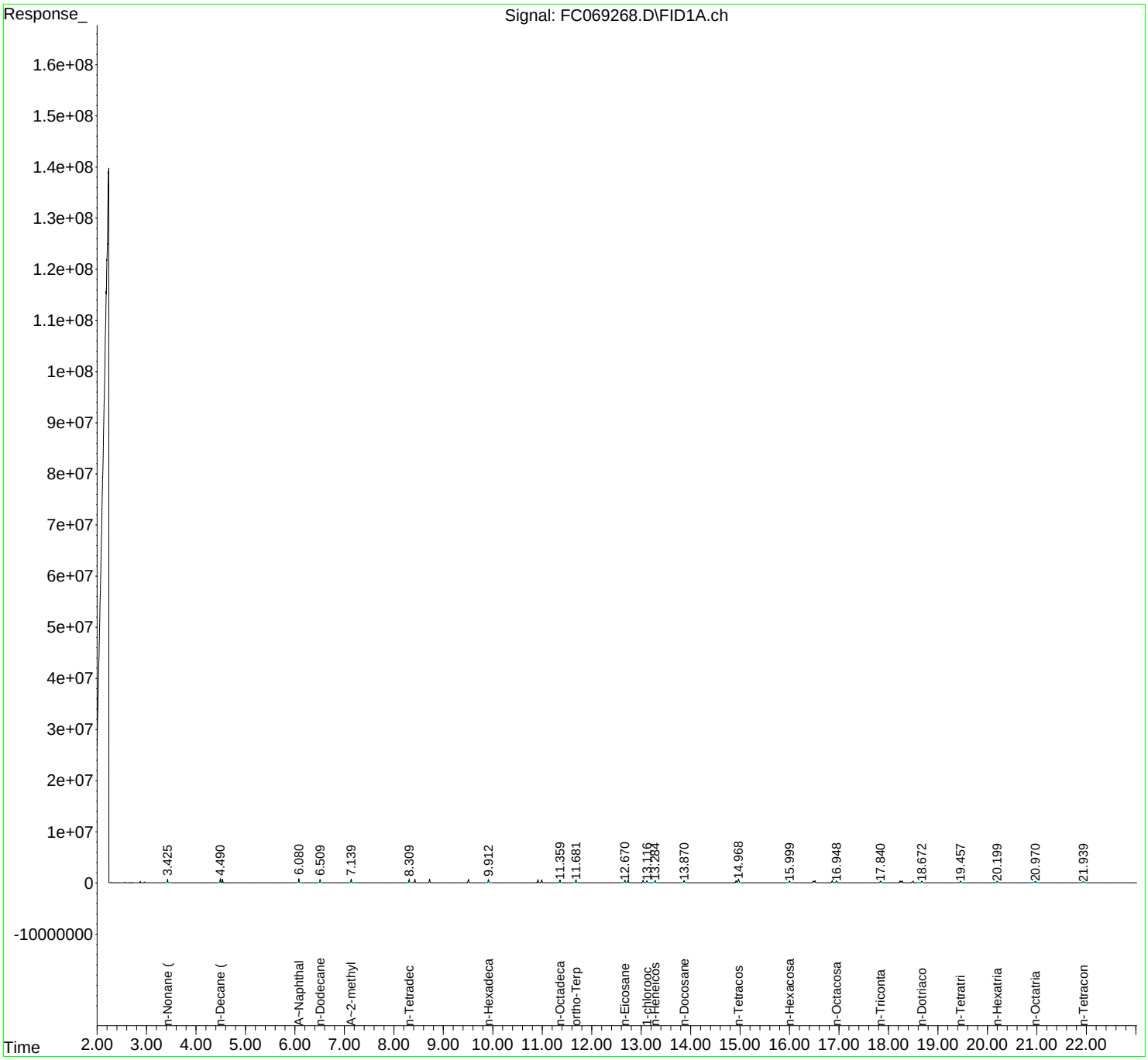
Instrument :
FID_C
ClientSampleId :
PB168596BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_C
ClientSampleId :
PB168596BS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069268.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 14:35
Sample : PB168596BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	% max.	% of total
1	3.425	3.375	3.470	BB	648339	5342859	51.72%	2.555%
2	4.490	4.433	4.512	BV	664923	5821037	56.35%	2.784%
3	4.535	4.512	4.578	VV	751557	6742901	65.28%	3.225%
4	6.080	6.020	6.153	BB	781548	7197388	69.68%	3.442%
5	6.509	6.447	6.557	BB	639038	6189435	59.92%	2.960%
6	7.139	7.088	7.200	BB	671234	6720834	65.06%	3.214%
7	8.309	8.242	8.355	BB	597098	6303781	61.03%	3.015%
8	8.425	8.362	8.472	BB	702597	7054970	68.30%	3.374%
9	8.723	8.653	8.772	BB	689331	7009329	67.86%	3.352%

Instrument :
FID_C
ClientSampleId :
PB168596BS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

10	9.508	9.438	9.573	BB	663094	6929638			
11	9.913	9.843	9.978	BV	596690	6310028			
12	10.914	10.825	10.947	BV	580482	6366298	61.63%	3.045%	
13	10.990	10.947	11.045	VV	578121	6332571	61.30%	3.029%	
14	11.359	11.310	11.413	BB	549916	6061634	58.68%	2.899%	
15	11.681	11.617	11.723	BB	557651	6080452	58.86%	2.908%	
16	12.671	12.610	12.702	BV	503279	5920908	57.32%	2.832%	
17	12.738	12.702	12.793	VB	507490	5814399	56.29%	2.781%	
18	13.038	12.963	13.067	BV	485947	5745154	55.62%	2.748%	
19	13.115	13.067	13.163	VB	393808	4791844	46.39%	2.292%	
20	13.283	13.213	13.340	BB	465408	5538518	53.62%	2.649%	
21	13.870	13.798	13.917	BB	440053	5360430	51.89%	2.564%	
22	14.920	14.852	14.939	BV	399091	5280960	51.12%	2.526%	
23	14.968	14.939	15.030	VB	701016	10329644	100.00%	4.940%	
24	16.000	15.923	16.057	BB	381872	4812588	46.59%	2.302%	
25	16.480	16.415	16.496	BV	339315	4909552	47.53%	2.348%	
26	16.516	16.496	16.560	VB	402193	4873912	47.18%	2.331%	
27	16.863	16.785	16.893	BV	351494	4732629	45.82%	2.263%	
28	16.949	16.893	16.985	VB	354170	4583845	44.38%	2.192%	
29	17.840	17.800	17.892	BB	326072	4416951	42.76%	2.112%	
30	18.238	18.160	18.253	BV	337574	5041238	48.80%	2.411%	
31	18.276	18.253	18.343	VB	355406	4645182	44.97%	2.222%	
32	18.496	18.413	18.552	BB	318411	4563011	44.17%	2.182%	
33	18.672	18.597	18.717	BB	300240	4258985	41.23%	2.037%	
34	19.457	19.420	19.498	BB	321324	4356580	42.18%	2.084%	
35	20.199	20.160	20.245	BB	288958	4159372	40.27%	1.989%	

Instrument :
FID_C
ClientSampleId :
PB168596BS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

36	20.969	20.888	21.045	BB	230427	427090	
37	21.938	21.880	22.025	BB	165753	422456	

Sum of corrected areas: 209094330

Aliphatic EPH 061825.M Wed Jun 25 01:17:41 2025

Quantitation Report (QT Reviewed)

Sample Results: **FC069269.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069269.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 15:22
Operator : YP/AJ
Sample : PB168596BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168596BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.680	6192271	35.843 ug/ml
Spiked Amount	50.000		Recovery =	71.69%
12) S	1-chlorooctadecane (S...	13.115	4875041	37.316 ug/ml
Spiked Amount	50.000		Recovery =	74.63%
	Target Compounds			
1) T	n-Nonane (C9)	3.425	5448257	38.309 ug/ml
2) T	n-Decane (C10)	4.490	5870039	40.097 ug/ml
3) T	A~Naphthalene (C11.7)	6.080	7184972	44.656 ug/ml
4) T	n-Dodecane (C12)	6.509	6168495	40.736 ug/ml
5) T	A~2-methylnaphthalene...	7.138	6684071	42.238 ug/ml
6) T	n-Tetradecane (C14)	8.309	6222633	40.145 ug/ml
7) T	n-Hexadecane (C16)	9.913	6193464	37.900 ug/ml
8) T	n-Octadecane (C18)	11.358	5944927	36.412 ug/ml
10) T	n-Eicosane (C20)	12.670	5845551	38.296 ug/ml
11) T	n-Heneicosane (C21)	13.282	5497907	37.301 ug/ml
13) T	n-Docosane (C22)	13.870	5346716	37.160 ug/ml
14) T	n-Tetracosane (C24)	14.968	10397264	75.380 ug/ml
15) T	n-Hexacosane (C26)	15.998	4857382	37.158 ug/ml
16) T	n-Octacosane (C28)	16.949	4624109	37.494 ug/ml
17) T	n-Tricontane (C30)	17.839	4458674	37.505 ug/ml
18) T	n-Dotriacontane (C32)	18.671	4294428	39.277 ug/ml
19) T	n-Tetratriacontane (C34)	19.457	4379790	45.355 ug/ml
20) T	n-Hexatriacontane (C36)	20.199	4172355	50.628 ug/ml
21) T	n-Octatriacontane (C38)	20.968	4277199	57.235 ug/ml
22) T	n-Tetracontane (C40)	21.933	4282393	60.472 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

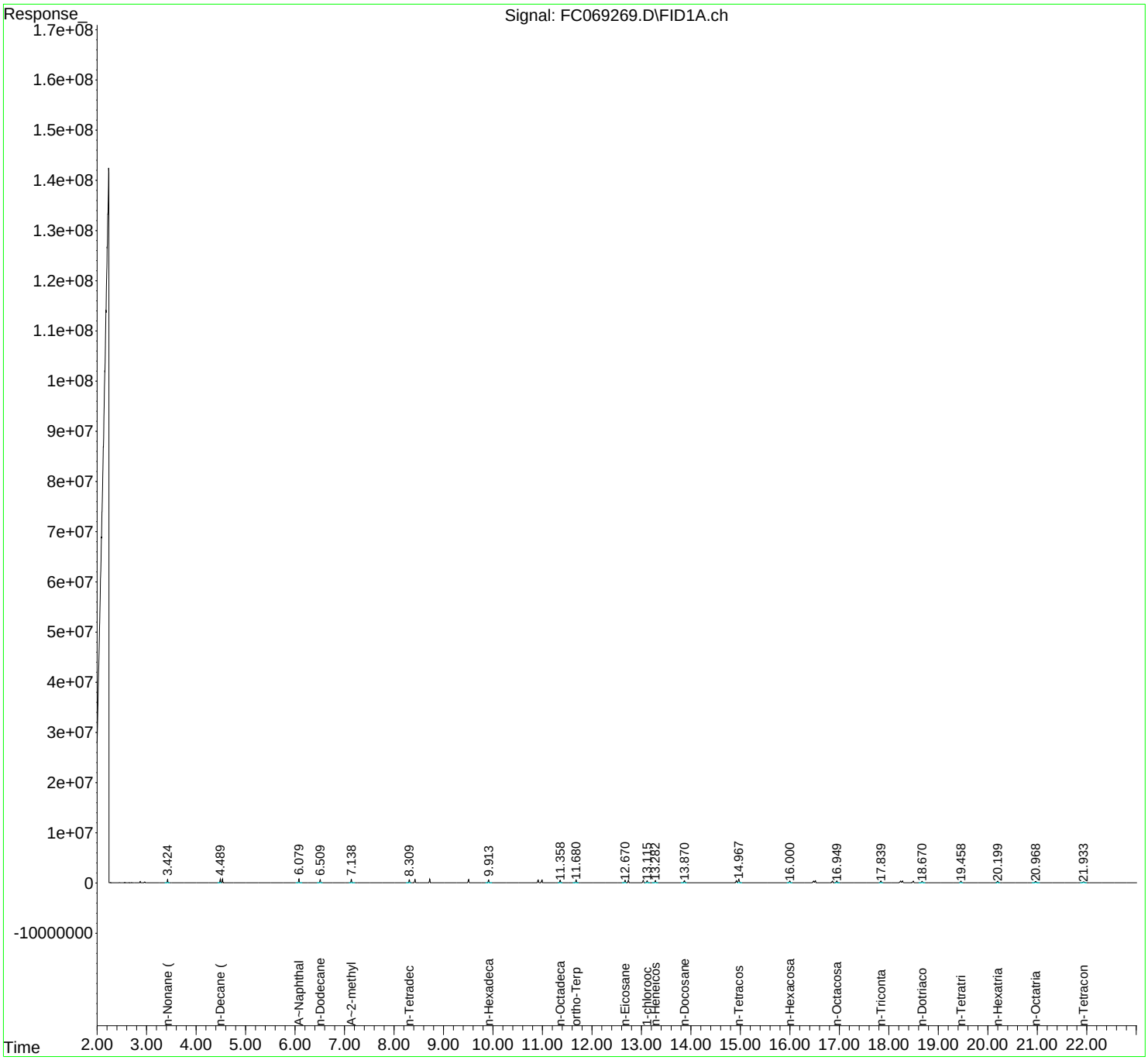
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069269.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 15:22
Operator : YP/AJ
Sample : PB168596BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168596BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_C
ClientSampleId :
PB168596BSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069269.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 15:22
Sample : PB168596BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.425	3.368	3.467	BB	663345	5448257	52.40%	2.603%
2	4.490	4.435	4.511	BV	672124	5870039	56.46%	2.805%
3	4.534	4.511	4.578	VV	771815	6782319	65.23%	3.241%
4	6.080	6.018	6.145	BB	794576	7184972	69.10%	3.433%
5	6.509	6.443	6.555	BB	642933	6168495	59.33%	2.947%
6	7.138	7.088	7.213	BB	672974	6684071	64.29%	3.194%
7	8.309	8.243	8.348	BB	591063	6222633	59.85%	2.973%
8	8.425	8.358	8.472	BB	690689	6997899	67.31%	3.344%
9	8.722	8.653	8.767	BB	696646	6950548	66.85%	3.321%

Instrument :
FID_C
ClientSampleId :
PB168596BSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

10	9.508	9.437	9.577	BB	663368	6883239		
11	9.913	9.850	9.983	BB	568160	6193464		
12	10.914	10.823	10.953	BV	571222	6372771	61.29%	3.045%
13	10.990	10.953	11.043	PV	567406	6336952	60.95%	3.028%
14	11.358	11.310	11.400	BB	511707	5944927	57.18%	2.841%
15	11.680	11.612	11.730	BB	558571	6192271	59.56%	2.959%
16	12.670	12.607	12.700	BV	512054	5845551	56.22%	2.793%
17	12.737	12.700	12.785	VB	505913	5857552	56.34%	2.799%
18	13.037	12.963	13.067	BV	490544	5793099	55.72%	2.768%
19	13.115	13.067	13.170	VB	401921	4875041	46.89%	2.329%
20	13.282	13.212	13.335	BB	439856	5497907	52.88%	2.627%
21	13.870	13.797	13.913	BB	424867	5346716	51.42%	2.555%
22	14.920	14.848	14.939	BV	385454	5320848	51.18%	2.542%
23	14.968	14.939	15.030	VB	736075	10397264	100.00%	4.968%
24	15.998	15.937	16.048	BB	361103	4857382	46.72%	2.321%
25	16.479	16.405	16.495	BV	343618	4927417	47.39%	2.354%
26	16.515	16.495	16.562	VB	417537	4897423	47.10%	2.340%
27	16.862	16.782	16.905	BV	350363	4748010	45.67%	2.269%
28	16.949	16.905	17.008	VB	349053	4624109	44.47%	2.209%
29	17.839	17.800	17.882	BB	317098	4458674	42.88%	2.130%
30	18.237	18.155	18.252	BV	341946	5001024	48.10%	2.390%
31	18.275	18.252	18.335	VB	346021	4687176	45.08%	2.240%
32	18.494	18.410	18.547	BB	332291	4560680	43.86%	2.179%
33	18.671	18.603	18.735	BB	301716	4294428	41.30%	2.052%
34	19.457	19.420	19.497	BB	310004	4379790	42.12%	2.093%
35	20.199	20.160	20.243	BB	303373	4172355	40.13%	1.994%

Instrument :
FID_C
ClientSampleId :
PB168596BSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

36	20.968	20.888	21.047	BB	230264	427719
37	21.934	21.880	22.018	BB	169168	423159

Sum of corrected areas: 209284092

Aliphatic EPH 061825.M Wed Jun 25 01:18:34 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069271.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:57
Operator : YP/AJ
Sample : Q2363-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.680	4514590	26.132 ug/ml
Spiked Amount	50.000		Recovery =	52.26%
12) S	1-chlorooctadecane (S...	13.115	3606277	27.604 ug/ml
Spiked Amount	50.000		Recovery =	55.21%
	Target Compounds			
1) T	n-Nonane (C9)	3.422	5439276	38.246 ug/mlm
2) T	n-Decane (C10)	4.490	5937626	40.559 ug/mlm
3) T	A~Naphthalene (C11.7)	6.081	7141952	44.389 ug/mlm
4) T	n-Dodecane (C12)	6.510	6222651	41.094 ug/mlm
5) T	A~2-methylnaphthalene...	7.140	6805277	43.003 ug/mlm
6) T	n-Tetradecane (C14)	8.310	6087155	39.271 ug/mlm
7) T	n-Hexadecane (C16)	9.913	6146934	37.615 ug/ml
8) T	n-Octadecane (C18)	11.358	5587783	34.224 ug/ml
10) T	n-Eicosane (C20)	12.671	5505165	36.066 ug/ml
11) T	n-Heneicosane (C21)	13.283	5176614	35.121 ug/ml
13) T	n-Docosane (C22)	13.870	5074573	35.269 ug/ml
14) T	n-Tetracosane (C24)	14.968	9773157	70.855 ug/ml
15) T	n-Hexacosane (C26)	15.999	4593235	35.137 ug/ml
16) T	n-Octacosane (C28)	16.949	4404771	35.716 ug/ml
17) T	n-Tricontane (C30)	17.839	4256589	35.805 ug/ml
18) T	n-Dotriacontane (C32)	18.672	4200623	38.419 ug/ml
19) T	n-Tetratriacontane (C34)	19.457	4192154	43.412 ug/ml
20) T	n-Hexatriacontane (C36)	20.199	3983866	48.341 ug/ml
21) T	n-Octatriacontane (C38)	20.968	4063825	54.380 ug/ml
22) T	n-Tetracontane (C40)	21.935	4017028	56.725 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069271.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:57
Operator : YP/AJ
Sample : Q2363-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

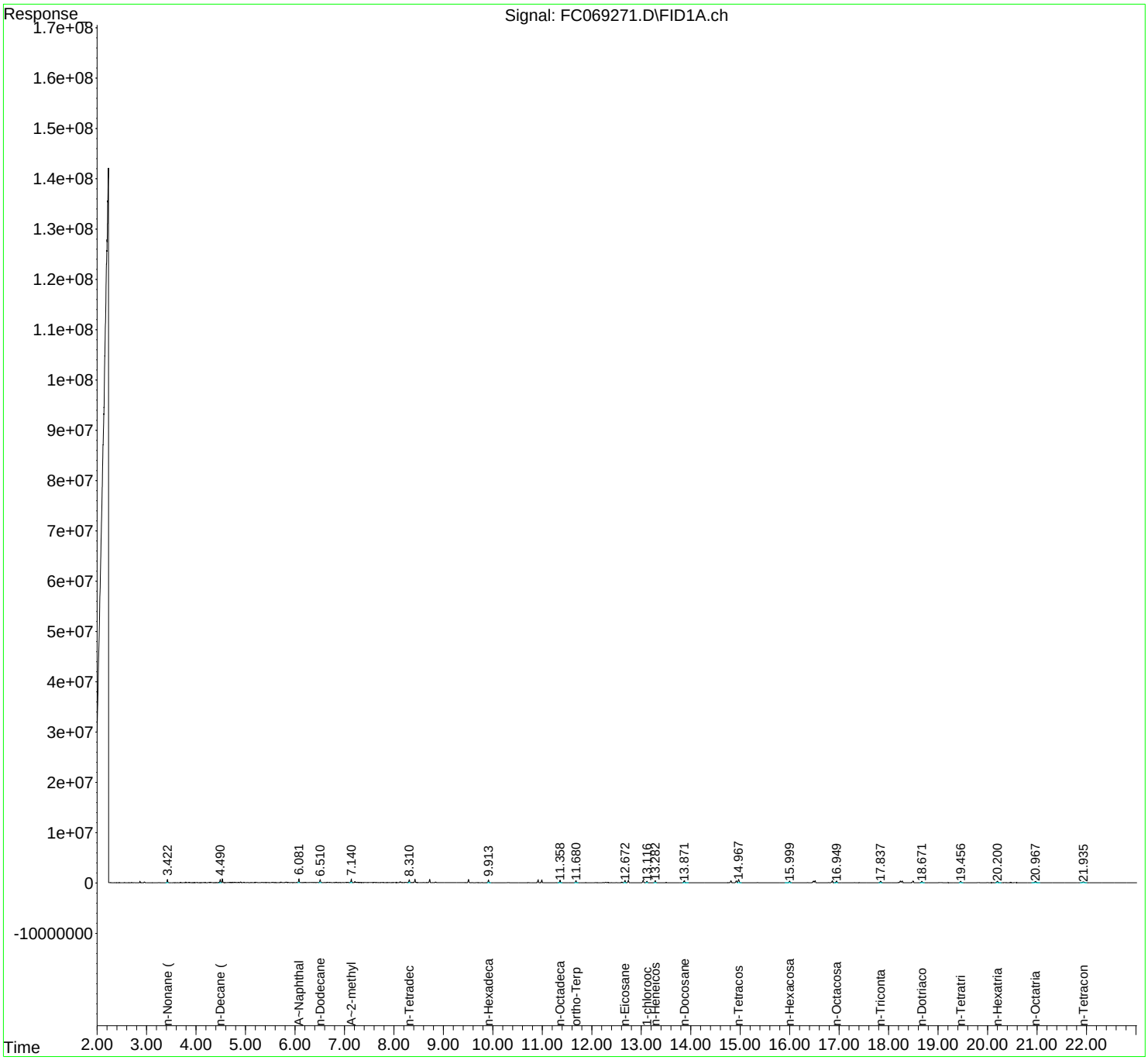
Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:40:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069271.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 16:57
Sample : Q2363-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	% max.	% of total
1	3.248	3.204	3.262	BV	39303	457284	4.67%	0.121%
2	3.273	3.262	3.291	VV	22001	188996	1.93%	0.050%
3	3.302	3.291	3.307	VV	3065	21802	0.22%	0.006%
4	3.319	3.307	3.349	VV	5102	59214	0.60%	0.016%
5	3.373	3.349	3.383	PV	3538	32432	0.33%	0.009%
6	3.422	3.383	3.461	VV	641535	5752843	58.71%	1.520%
7	3.472	3.461	3.503	VV	8696	102616	1.05%	0.027%
8	3.522	3.503	3.531	VV	5155	46410	0.47%	0.012%
9	3.550	3.531	3.564	VV	31507	331169	3.38%	0.087%

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

10	3.573	3.564	3.587	VV	19738	189731	1		
11	3.621	3.587	3.652	VV	26709	510716	5		
12	3.689	3.652	3.722	VV	73231	1084414	11.07%	0.286%	
13	3.749	3.722	3.766	VV	27747	423008	4.32%	0.112%	
14	3.792	3.766	3.815	VV	126410	1487008	15.18%	0.393%	
15	3.827	3.815	3.839	VV	35837	388563	3.97%	0.103%	
16	3.866	3.839	3.902	VV	81004	1306700	13.34%	0.345%	
17	3.917	3.902	3.946	VV	25174	363116	3.71%	0.096%	
18	3.964	3.946	3.982	VV	68888	613968	6.27%	0.162%	
19	4.009	3.982	4.057	VV	59316	1320043	13.47%	0.349%	
20	4.085	4.057	4.102	VV	25870	395215	4.03%	0.104%	
21	4.119	4.102	4.134	VV	33620	434324	4.43%	0.115%	
22	4.152	4.134	4.171	VV	50892	778293	7.94%	0.206%	
23	4.186	4.171	4.208	VV	80328	882721	9.01%	0.233%	
24	4.269	4.208	4.281	VV	74229	1242307	12.68%	0.328%	
25	4.296	4.281	4.320	VV	93910	1140253	11.64%	0.301%	
26	4.333	4.320	4.346	VV	33812	404554	4.13%	0.107%	
27	4.352	4.346	4.372	VV	22263	210204	2.15%	0.056%	
28	4.405	4.372	4.424	VV	48280	798822	8.15%	0.211%	
29	4.446	4.424	4.465	VV	48617	779436	7.95%	0.206%	
30	4.490	4.465	4.511	VV	650555	6195407	63.23%	1.637%	
31	4.533	4.511	4.580	VV	740531	7137425	72.84%	1.886%	
32	4.596	4.580	4.614	VV	22736	404625	4.13%	0.107%	
33	4.644	4.614	4.675	VV	60432	1510392	15.41%	0.399%	
34	4.691	4.675	4.706	VV	79047	1009567	10.30%	0.267%	
35	4.715	4.706	4.726	VV	44832	497211	5.07%	0.131%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

36	4.742	4.726	4.758	VV	111347	1193522			
37	4.773	4.758	4.786	VV	108343	1152102			
38	4.796	4.786	4.810	VV	71133	843589	8.61%	0.223%	
39	4.820	4.810	4.832	VV	54301	561275	5.73%	0.148%	
40	4.861	4.832	4.878	VV	78516	1313129	13.40%	0.347%	
41	4.901	4.878	4.927	VV	143261	2073065	21.16%	0.548%	
42	4.936	4.927	4.945	VV	29870	297067	3.03%	0.078%	
43	4.966	4.945	4.988	VV	105469	1392015	14.21%	0.368%	
44	5.010	4.988	5.024	VV	48138	743035	7.58%	0.196%	
45	5.039	5.024	5.071	VV	55950	1066085	10.88%	0.282%	
46	5.120	5.071	5.154	VV	52774	1530117	15.62%	0.404%	
47	5.184	5.154	5.194	VV	68775	938756	9.58%	0.248%	
48	5.208	5.194	5.222	VV	97253	1104146	11.27%	0.292%	
49	5.232	5.222	5.272	VV	57814	1241971	12.67%	0.328%	
50	5.286	5.272	5.306	VV	34531	562420	5.74%	0.149%	
51	5.328	5.306	5.359	VV	85631	1706496	17.42%	0.451%	
52	5.367	5.359	5.375	VV	44935	397044	4.05%	0.105%	
53	5.388	5.375	5.404	VV	58353	786423	8.03%	0.208%	
54	5.419	5.404	5.433	VV	65225	830709	8.48%	0.219%	
55	5.450	5.433	5.503	VV	60139	1689391	17.24%	0.446%	
56	5.530	5.503	5.541	VV	77694	1137010	11.60%	0.300%	
57	5.554	5.541	5.580	VV	97369	1363176	13.91%	0.360%	
58	5.597	5.580	5.609	VV	51716	644038	6.57%	0.170%	
59	5.616	5.609	5.633	VV	40372	466178	4.76%	0.123%	
60	5.682	5.633	5.692	VV	39582	1239147	12.65%	0.327%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

61	5.714	5.692	5.754	VV	133230	2359900			
62	5.773	5.754	5.788	VV	41410	731832	7		
63	5.826	5.788	5.848	VV	114528	2703311			
64	5.865	5.848	5.889	VV	86964	1339872	13.67%	0.354%	
65	5.897	5.889	5.907	VV	32600	318795	3.25%	0.084%	
66	5.936	5.907	5.961	VV	52779	1193851	12.18%	0.315%	
67	5.984	5.961	6.008	VV	55897	953632	9.73%	0.252%	
68	6.030	6.008	6.053	VV	66554	1245109	12.71%	0.329%	
69	6.081	6.053	6.142	VV	773053	8806135	89.87%	2.327%	
70	6.182	6.142	6.194	VV	53233	1234751	12.60%	0.326%	
71	6.212	6.194	6.240	VV	65834	1377631	14.06%	0.364%	
72	6.263	6.240	6.281	VV	51953	1073087	10.95%	0.284%	
73	6.296	6.281	6.307	VV	54488	727813	7.43%	0.192%	
74	6.346	6.307	6.369	VV	65160	2027691	20.69%	0.536%	
75	6.390	6.369	6.411	VV	71756	1228645	12.54%	0.325%	
76	6.439	6.411	6.456	VV	58661	1208209	12.33%	0.319%	
77	6.465	6.456	6.480	VV	49280	643278	6.56%	0.170%	
78	6.510	6.480	6.557	VV	621927	7555470	77.11%	1.996%	
79	6.599	6.557	6.615	VV	47768	1305031	13.32%	0.345%	
80	6.628	6.615	6.637	VV	41566	503716	5.14%	0.133%	
81	6.657	6.637	6.681	VV	101781	1642782	16.77%	0.434%	
82	6.706	6.681	6.751	VV	70849	1975998	20.17%	0.522%	
83	6.786	6.751	6.809	VV	62800	1507534	15.39%	0.398%	
84	6.834	6.809	6.872	VV	90657	1949508	19.90%	0.515%	
85	6.910	6.872	6.931	VV	58704	1502572	15.33%	0.397%	
86	6.969	6.931	6.995	VV	51795	1479901	15.10%	0.391%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

87	7.015	6.995	7.025	VV	53484	800651	8		
88	7.040	7.025	7.055	VV	66494	984431	1		
89	7.071	7.055	7.100	VV	69648	1356068	1		
90	7.140	7.100	7.190	VV	708532	8505445	86.80%	2.247%	
91	7.212	7.190	7.255	VV	207293	3470432	35.42%	0.917%	
92	7.272	7.255	7.296	VV	99083	1539798	15.71%	0.407%	
93	7.315	7.296	7.334	VV	67639	1119485	11.42%	0.296%	
94	7.344	7.334	7.351	VV	39737	399840	4.08%	0.106%	
95	7.360	7.351	7.378	VV	40111	582378	5.94%	0.154%	
96	7.401	7.378	7.466	VV	51930	2223652	22.69%	0.587%	
97	7.487	7.466	7.512	VV	48829	1187898	12.12%	0.314%	
98	7.527	7.512	7.561	VV	51742	1323900	13.51%	0.350%	
99	7.573	7.561	7.583	VV	46216	566685	5.78%	0.150%	
100	7.609	7.583	7.635	VV	69198	1676713	17.11%	0.443%	
101	7.652	7.635	7.679	VV	42292	981268	10.01%	0.259%	
102	7.694	7.679	7.713	VV	39366	684182	6.98%	0.181%	
103	7.776	7.713	7.834	VV	68344	2998600	30.60%	0.792%	
104	7.862	7.834	7.888	VV	41512	1156472	11.80%	0.306%	
105	7.905	7.888	7.928	VV	39707	922622	9.42%	0.244%	
106	7.956	7.928	7.972	VV	40880	947871	9.67%	0.250%	
107	8.016	7.972	8.044	VV	52379	1883442	19.22%	0.498%	
108	8.055	8.044	8.084	VV	39252	871095	8.89%	0.230%	
109	8.129	8.084	8.152	VV	199521	3343096	34.12%	0.883%	
110	8.162	8.152	8.203	VV	40474	1102959	11.26%	0.291%	
111	8.237	8.203	8.251	VV	85662	1626803	16.60%	0.430%	
112	8.264	8.251	8.282	VV	72718	1019389	10.40%	0.269%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

113	8.310	8.282	8.336	VV	601772	7036195		
114	8.355	8.336	8.375	VV	57162	1008793		
115	8.426	8.375	8.463	VV	703392	8729074		
116	8.477	8.463	8.493	VV	49497	774722	7.91%	0.205%
117	8.506	8.493	8.545	VV	37512	1089551	11.12%	0.288%
118	8.557	8.545	8.572	VV	34445	506177	5.17%	0.134%
119	8.595	8.572	8.621	VV	42290	1011014	10.32%	0.267%
120	8.634	8.621	8.647	VV	30142	424628	4.33%	0.112%
121	8.667	8.647	8.684	VV	44339	753301	7.69%	0.199%
122	8.723	8.684	8.749	VV	667292	7693846	78.52%	2.033%
123	8.772	8.749	8.793	VV	40950	853469	8.71%	0.225%
124	8.845	8.793	8.871	VV	134353	2576991	26.30%	0.681%
125	8.884	8.871	8.906	VV	28597	559776	5.71%	0.148%
126	8.922	8.906	8.938	VV	25539	449806	4.59%	0.119%
127	8.958	8.938	8.975	VV	35750	655584	6.69%	0.173%
128	8.991	8.975	9.012	VV	38109	672154	6.86%	0.178%
129	9.025	9.012	9.044	VV	24551	434914	4.44%	0.115%
130	9.078	9.044	9.094	VV	33443	800241	8.17%	0.211%
131	9.125	9.094	9.143	VV	35316	828857	8.46%	0.219%
132	9.167	9.143	9.198	VV	36618	914560	9.33%	0.242%
133	9.215	9.198	9.239	VV	27272	542106	5.53%	0.143%
134	9.282	9.239	9.300	VV	28091	794828	8.11%	0.210%
135	9.314	9.300	9.345	VV	22203	473242	4.83%	0.125%
136	9.364	9.345	9.382	VV	18389	355211	3.63%	0.094%
137	9.421	9.382	9.445	VV	25436	702578	7.17%	0.186%
138	9.460	9.445	9.476	VV	16666	283923	2.90%	0.075%

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

139	9.509	9.476	9.557	VV	626964	7207039		
140	9.582	9.557	9.612	VV	28194	612242		
141	9.621	9.612	9.634	VV	12604	162254	1.66%	0.043%
142	9.669	9.634	9.699	VV	17655	573244	5.85%	0.151%
143	9.716	9.699	9.756	VV	18674	454815	4.64%	0.120%
144	9.779	9.756	9.804	VV	43206	594214	6.06%	0.157%
145	9.826	9.804	9.843	VV	13017	251718	2.57%	0.067%
146	9.867	9.843	9.881	VV	14849	285498	2.91%	0.075%
147	9.913	9.881	9.961	VV	535387	6278495	64.08%	1.659%
148	9.993	9.961	10.005	VV	9610	242026	2.47%	0.064%
149	10.014	10.005	10.055	VV	9341	228120	2.33%	0.060%
150	10.084	10.055	10.108	VV	7539	203942	2.08%	0.054%
151	10.124	10.108	10.169	VV	6106	203479	2.08%	0.054%
152	10.188	10.169	10.214	VV	6485	144030	1.47%	0.038%
153	10.251	10.214	10.272	VV	7081	194200	1.98%	0.051%
154	10.324	10.272	10.370	VV	37767	955619	9.75%	0.252%
155	10.386	10.370	10.414	VV	6965	151505	1.55%	0.040%
156	10.429	10.414	10.438	VV	4852	62631	0.64%	0.017%
157	10.447	10.438	10.470	VV	4866	79687	0.81%	0.021%
158	10.491	10.470	10.525	VV	10451	188119	1.92%	0.050%
159	10.551	10.525	10.565	VV	4114	92461	0.94%	0.024%
160	10.583	10.565	10.617	VV	4532	125044	1.28%	0.033%
161	10.650	10.617	10.665	VV	6497	131354	1.34%	0.035%
162	10.674	10.665	10.686	VV	5123	59666	0.61%	0.016%
163	10.721	10.686	10.758	VV	25975	516669	5.27%	0.137%
164	10.772	10.758	10.851	VV	3968	168054	1.72%	0.044%

Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

165	10.915	10.851	10.954	VV	556878	633751			
166	10.990	10.954	11.018	VV	573641	600016			
167	11.045	11.018	11.090	VV	4033	135396	1.38%	0.036%	
168	11.128	11.090	11.146	VV	4005	95083	0.97%	0.025%	
169	11.160	11.146	11.177	VV	3624	57187	0.58%	0.015%	
170	11.195	11.177	11.238	VV	5016	103517	1.06%	0.027%	
171	11.278	11.238	11.312	VV	19030	274691	2.80%	0.073%	
172	11.358	11.312	11.400	VV	488565	5689064	58.06%	1.503%	
173	11.446	11.400	11.483	VV	9575	221976	2.27%	0.059%	
174	11.516	11.483	11.538	VV	3057	86771	0.89%	0.023%	
175	11.549	11.538	11.561	VV	2235	28976	0.30%	0.008%	
176	11.569	11.561	11.584	VV	2263	31061	0.32%	0.008%	
177	11.615	11.584	11.643	VV	5109	117272	1.20%	0.031%	
178	11.680	11.643	11.728	VV	418483	4617247	47.12%	1.220%	
179	11.746	11.728	11.766	VV	4878	79405	0.81%	0.021%	
180	11.778	11.766	11.795	VV	3087	47576	0.49%	0.013%	
181	11.827	11.795	11.847	VV	6283	126054	1.29%	0.033%	
182	11.873	11.847	11.907	VV	19133	320559	3.27%	0.085%	
183	11.924	11.907	11.946	VV	5261	92277	0.94%	0.024%	
184	11.961	11.946	11.974	VV	3423	49848	0.51%	0.013%	
185	12.004	11.974	12.016	VV	6762	117395	1.20%	0.031%	
186	12.026	12.016	12.043	VV	6334	88395	0.90%	0.023%	
187	12.070	12.043	12.087	VV	23390	356679	3.64%	0.094%	
188	12.097	12.087	12.109	VV	14760	172501	1.76%	0.046%	
189	12.118	12.109	12.176	VV	12953	248778	2.54%	0.066%	
190	12.190	12.176	12.204	VV	3555	54537	0.56%	0.014%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

191	12.229	12.204	12.252	VV	52859	619107			
192	12.279	12.252	12.302	VV	113564	140880			
193	12.325	12.302	12.373	VV	73530	987713	10.08%	0.261%	
194	12.397	12.373	12.471	VV	17888	365592	3.73%	0.097%	
195	12.496	12.471	12.548	VV	31648	450740	4.60%	0.119%	
196	12.608	12.548	12.636	VV	114104	1410916	14.40%	0.373%	
197	12.671	12.636	12.703	VV	461534	5570714	56.85%	1.472%	
198	12.740	12.703	12.787	VV	493609	5787085	59.06%	1.529%	
199	12.818	12.787	12.850	VV	5576	126485	1.29%	0.033%	
200	12.861	12.850	12.881	VV	2632	43297	0.44%	0.011%	
201	12.920	12.881	12.970	VV	9939	191407	1.95%	0.051%	
202	12.982	12.970	12.991	VV	1597	19068	0.19%	0.005%	
203	13.039	12.991	13.082	VV	480694	5939669	60.62%	1.569%	
204	13.115	13.082	13.142	VV	294061	3658214	37.33%	0.966%	
205	13.155	13.142	13.181	VV	5974	82694	0.84%	0.022%	
206	13.201	13.181	13.210	VV	1869	29318	0.30%	0.008%	
207	13.229	13.210	13.247	VV	4081	58889	0.60%	0.016%	
208	13.283	13.247	13.319	VV	433225	5241675	53.49%	1.385%	
209	13.344	13.319	13.406	VV	7053	194989	1.99%	0.052%	
210	13.430	13.406	13.449	VV	2014	44507	0.45%	0.012%	
211	13.504	13.449	13.568	VV	45957	750713	7.66%	0.198%	
212	13.588	13.568	13.599	VV	3621	57234	0.58%	0.015%	
213	13.620	13.599	13.672	VV	11451	196747	2.01%	0.052%	
214	13.730	13.672	13.750	VV	4171	113283	1.16%	0.030%	
215	13.781	13.750	13.832	VV	4034	132956	1.36%	0.035%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

216	13.870	13.832	13.928	VV	394407	512841			
217	13.939	13.928	13.957	VV	1724	24680			
218	13.991	13.957	14.010	VV	1611	40579			
219	14.044	14.010	14.064	VV	2596	55768	0.57%	0.015%	
220	14.078	14.064	14.089	VV	1618	22183	0.23%	0.006%	
221	14.108	14.089	14.121	VV	2810	41451	0.42%	0.011%	
222	14.139	14.121	14.193	VV	5304	92839	0.95%	0.025%	
223	14.222	14.193	14.237	VV	967	19318	0.20%	0.005%	
224	14.260	14.237	14.281	VV	2912	42912	0.44%	0.011%	
225	14.307	14.281	14.338	VV	4043	72776	0.74%	0.019%	
226	14.355	14.338	14.403	VV	1574	36270	0.37%	0.010%	
227	14.432	14.403	14.455	VV	3530	53141	0.54%	0.014%	
228	14.488	14.455	14.510	VV	1599	42589	0.43%	0.011%	
229	14.535	14.510	14.554	VV	2319	45459	0.46%	0.012%	
230	14.598	14.554	14.620	VV	2966	73541	0.75%	0.019%	
231	14.658	14.620	14.702	VV	2030	52398	0.53%	0.014%	
232	14.747	14.702	14.776	VV	14950	201420	2.06%	0.053%	
233	14.813	14.776	14.848	VV	382317	4851818	49.52%	1.282%	
234	14.868	14.848	14.881	VV	866	14037	0.14%	0.004%	
235	14.922	14.881	14.941	VV	372934	5101765	52.07%	1.348%	
236	14.968	14.941	15.027	VV	665096	9798659	100.00%	2.589%	
237	15.043	15.027	15.057	VV	1526	18631	0.19%	0.005%	
238	15.073	15.057	15.095	VV	1539	22297	0.23%	0.006%	
239	15.110	15.095	15.134	VV	808	11699	0.12%	0.003%	
240	15.153	15.134	15.188	VV	803	11712	0.12%	0.003%	
241	15.210	15.188	15.240	PV	913	16652	0.17%	0.004%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

242	15.299	15.240	15.317	VV	1377	36290			
243	15.349	15.317	15.411	VV	34844	492066			
244	15.438	15.411	15.466	VV	1050	21385			
245	15.492	15.466	15.527	VV	4537	65934	0.67%	0.017%	
246	15.546	15.527	15.554	VV	900	10135	0.10%	0.003%	
247	15.583	15.554	15.606	VV	1991	36552	0.37%	0.010%	
248	15.624	15.606	15.650	VV	1152	14249	0.15%	0.004%	
249	15.665	15.650	15.679	PV	343	3228	0.03%	0.001%	
250	15.686	15.679	15.698	VV	172	1327	0.01%	0.000%	
251	15.746	15.698	15.782	VV	1459	40223	0.41%	0.011%	
252	15.821	15.782	15.849	VV	1255	32819	0.33%	0.009%	
253	15.869	15.849	15.891	VV	2094	35501	0.36%	0.009%	
254	15.904	15.891	15.924	VV	1080	20723	0.21%	0.005%	
255	15.999	15.924	16.040	VV	352543	4658366	47.54%	1.231%	
256	16.061	16.040	16.089	VV	1885	43695	0.45%	0.012%	
257	16.128	16.089	16.137	VV	2233	52106	0.53%	0.014%	
258	16.167	16.137	16.186	VV	3457	86269	0.88%	0.023%	
259	16.216	16.186	16.257	VV	5362	180960	1.85%	0.048%	
260	16.283	16.257	16.317	VV	6769	175695	1.79%	0.046%	
261	16.365	16.317	16.391	VV	14083	332769	3.40%	0.088%	
262	16.420	16.391	16.438	VV	4771	120800	1.23%	0.032%	
263	16.481	16.438	16.497	VV	320172	4929789	50.31%	1.302%	
264	16.515	16.497	16.587	VV	383112	4769034	48.67%	1.260%	
265	16.606	16.587	16.623	VV	3411	57131	0.58%	0.015%	
266	16.641	16.623	16.701	VV	3105	85508	0.87%	0.023%	
267	16.724	16.701	16.752	VV	3962	60206	0.61%	0.016%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

268	16.790	16.752	16.820	VV	12503	262411			
269	16.863	16.820	16.893	VV	361287	459380			
270	16.948	16.893	16.981	VV	329234	441810			
271	16.999	16.981	17.008	VV	5023	60696	0.62%	0.016%	
272	17.023	17.008	17.058	VV	6635	95537	0.97%	0.025%	
273	17.095	17.058	17.130	VV	893	18685	0.19%	0.005%	
274	17.163	17.130	17.204	VV	3907	67292	0.69%	0.018%	
275	17.219	17.204	17.274	VV	1002	28618	0.29%	0.008%	
276	17.309	17.274	17.361	VV	13962	234386	2.39%	0.062%	
277	17.398	17.361	17.422	VV	11048	165210	1.69%	0.044%	
278	17.438	17.422	17.464	VV	2865	41707	0.43%	0.011%	
279	17.480	17.464	17.497	VV	778	12621	0.13%	0.003%	
280	17.505	17.497	17.541	VV	786	16535	0.17%	0.004%	
281	17.556	17.541	17.591	VV	488	7794	0.08%	0.002%	
282	17.623	17.591	17.651	PV	655	13203	0.13%	0.003%	
283	17.682	17.651	17.698	VV	619	11763	0.12%	0.003%	
284	17.726	17.698	17.745	VV	3523	53173	0.54%	0.014%	
285	17.765	17.745	17.790	VV	3113	54661	0.56%	0.014%	
286	17.839	17.790	17.875	VV	303490	4309366	43.98%	1.139%	
287	17.926	17.875	17.969	VV	5157	124366	1.27%	0.033%	
288	18.017	17.969	18.043	VV	1734	57904	0.59%	0.015%	
289	18.076	18.043	18.106	VV	2133	57276	0.58%	0.015%	
290	18.238	18.106	18.253	VV	331918	5422086	55.33%	1.432%	
291	18.275	18.253	18.318	VV	344123	4629109	47.24%	1.223%	
292	18.386	18.318	18.437	VV	4796	214677	2.19%	0.057%	
293	18.496	18.437	18.546	VV	320030	4482422	45.75%	1.184%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

294	18.561	18.546	18.579	VV	2162	39997			
295	18.612	18.579	18.631	VV	3387	81213			
296	18.672	18.631	18.729	VV	300494	4307307	43.96%	1.138%	
297	18.772	18.729	18.815	VV	5912	195050	1.99%	0.052%	
298	18.835	18.815	18.861	VV	4106	91891	0.94%	0.024%	
299	18.883	18.861	18.904	VV	3642	79265	0.81%	0.021%	
300	18.921	18.904	18.931	VV	3006	47006	0.48%	0.012%	
301	18.959	18.931	18.981	VV	4526	111902	1.14%	0.030%	
302	19.024	18.981	19.049	VV	19873	435860	4.45%	0.115%	
303	19.072	19.049	19.128	VV	19365	448560	4.58%	0.119%	
304	19.161	19.128	19.185	VV	5574	160120	1.63%	0.042%	
305	19.209	19.185	19.243	VV	7718	185741	1.90%	0.049%	
306	19.265	19.243	19.291	VV	4941	121003	1.23%	0.032%	
307	19.324	19.291	19.347	VV	6115	176710	1.80%	0.047%	
308	19.362	19.347	19.391	VV	5629	127928	1.31%	0.034%	
309	19.457	19.391	19.506	VV	292958	4510405	46.03%	1.192%	
310	19.525	19.506	19.538	VV	5662	101770	1.04%	0.027%	
311	19.561	19.538	19.594	VV	6919	181404	1.85%	0.048%	
312	19.633	19.594	19.671	VV	6709	239828	2.45%	0.063%	
313	19.700	19.671	19.718	VV	6099	149233	1.52%	0.039%	
314	19.740	19.718	19.771	VV	6775	190894	1.95%	0.050%	
315	19.827	19.771	19.856	VV	11513	408196	4.17%	0.108%	
316	19.864	19.856	19.901	VV	5573	144846	1.48%	0.038%	
317	19.929	19.901	19.951	VV	5534	152835	1.56%	0.040%	
318	19.995	19.951	20.033	VV	8471	317161	3.24%	0.084%	
319	20.100	20.033	20.133	VV	10522	419149	4.28%	0.111%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

320	20.199	20.133	20.280	VV	280696	448439			
321	20.361	20.280	20.407	VV	8964	512793			
322	20.466	20.407	20.498	VV	6604	327908	3.35%	0.087%	
323	20.556	20.498	20.601	VV	8743	419927	4.29%	0.111%	
324	20.624	20.601	20.654	VV	5932	178491	1.82%	0.047%	
325	20.669	20.654	20.708	VV	5584	169174	1.73%	0.045%	
326	20.746	20.708	20.794	VV	5137	247647	2.53%	0.065%	
327	20.802	20.794	20.832	VV	4316	95869	0.98%	0.025%	
328	20.841	20.832	20.850	VV	4242	45104	0.46%	0.012%	
329	20.873	20.850	20.908	VV	4384	144631	1.48%	0.038%	
330	20.968	20.908	21.129	VV	221023	4543902	46.37%	1.200%	
331	21.169	21.129	21.208	VV	3878	158382	1.62%	0.042%	
332	21.225	21.208	21.234	VV	2956	46535	0.47%	0.012%	
333	21.301	21.234	21.333	VV	3041	175469	1.79%	0.046%	
334	21.350	21.333	21.367	VV	2915	58429	0.60%	0.015%	
335	21.415	21.367	21.528	VV	4711	306501	3.13%	0.081%	
336	21.536	21.528	21.598	VV	2404	94371	0.96%	0.025%	
337	21.612	21.598	21.651	VV	2231	68052	0.69%	0.018%	
338	21.667	21.651	21.701	VV	2119	55507	0.57%	0.015%	
339	21.752	21.701	21.821	VV	2133	123479	1.26%	0.033%	
340	21.841	21.821	21.868	VV	1795	44638	0.46%	0.012%	
341	21.936	21.868	22.060	VV	161245	4136469	42.21%	1.093%	
342	22.152	22.060	22.162	VV	1635	57930	0.59%	0.015%	
343	22.195	22.162	22.247	VV	1712	72048	0.74%	0.019%	
344	22.258	22.247	22.336	VV	988	31915	0.33%	0.008%	
345	22.344	22.336	22.369	VV	243	4024	0.04%	0.001%	

Instrument :
FID_C
ClientSampleId :
GCAP1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

346 22.378 22.369 22.422 VV 168 3301 0

Sum of corrected areas: 378508673

Aliphatic EPH 061825.M Wed Jun 25 01:24:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069272.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 17:45
Operator : YP/AJ
Sample : Q2363-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 25 00:41:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.680	4302738	24.906 ug/ml
Spiked Amount	50.000		Recovery =	49.81%
12) S	1-chlorooctadecane (S...	13.115	3439876	26.331 ug/ml
Spiked Amount	50.000		Recovery =	52.66%
	Target Compounds			
1) T	n-Nonane (C9)	3.422	5181775	36.435 ug/mlm
2) T	n-Decane (C10)	4.489	5633862	38.484 ug/mlm
3) T	A~Naphthalene (C11.7)	6.081	6777479	42.124 ug/mlm
4) T	n-Dodecane (C12)	6.510	5793128	38.257 ug/mlm
5) T	A~2-methylnaphthalene...	7.140	6392161	40.393 ug/mlm
6) T	n-Tetradecane (C14)	8.309	5677398	36.627 ug/mlm
7) T	n-Hexadecane (C16)	9.912	5508776	33.710 ug/ml
8) T	n-Octadecane (C18)	11.358	5226782	32.013 ug/ml
10) T	n-Eicosane (C20)	12.671	5164018	33.831 ug/ml
11) T	n-Heneicosane (C21)	13.284	4862028	32.987 ug/ml
13) T	n-Docosane (C22)	13.870	4737844	32.929 ug/ml
14) T	n-Tetracosane (C24)	14.968	9068396	65.746 ug/ml
15) T	n-Hexacosane (C26)	15.999	4263978	32.618 ug/ml
16) T	n-Octacosane (C28)	16.950	4051199	32.849 ug/ml
17) T	n-Tricontane (C30)	17.839	3848973	32.376 ug/ml
18) T	n-Dotriacontane (C32)	18.672	3785101	34.619 ug/ml
19) T	n-Tetratriacontane (C34)	19.457	3781319	39.158 ug/ml
20) T	n-Hexatriacontane (C36)	20.199	3616469	43.883 ug/ml
21) T	n-Octatriacontane (C38)	20.968	3724943	49.845 ug/ml
22) T	n-Tetracontane (C40)	21.937	3693685	52.159 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
Data File : FC069272.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 17:45
Operator : YP/AJ
Sample : Q2363-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

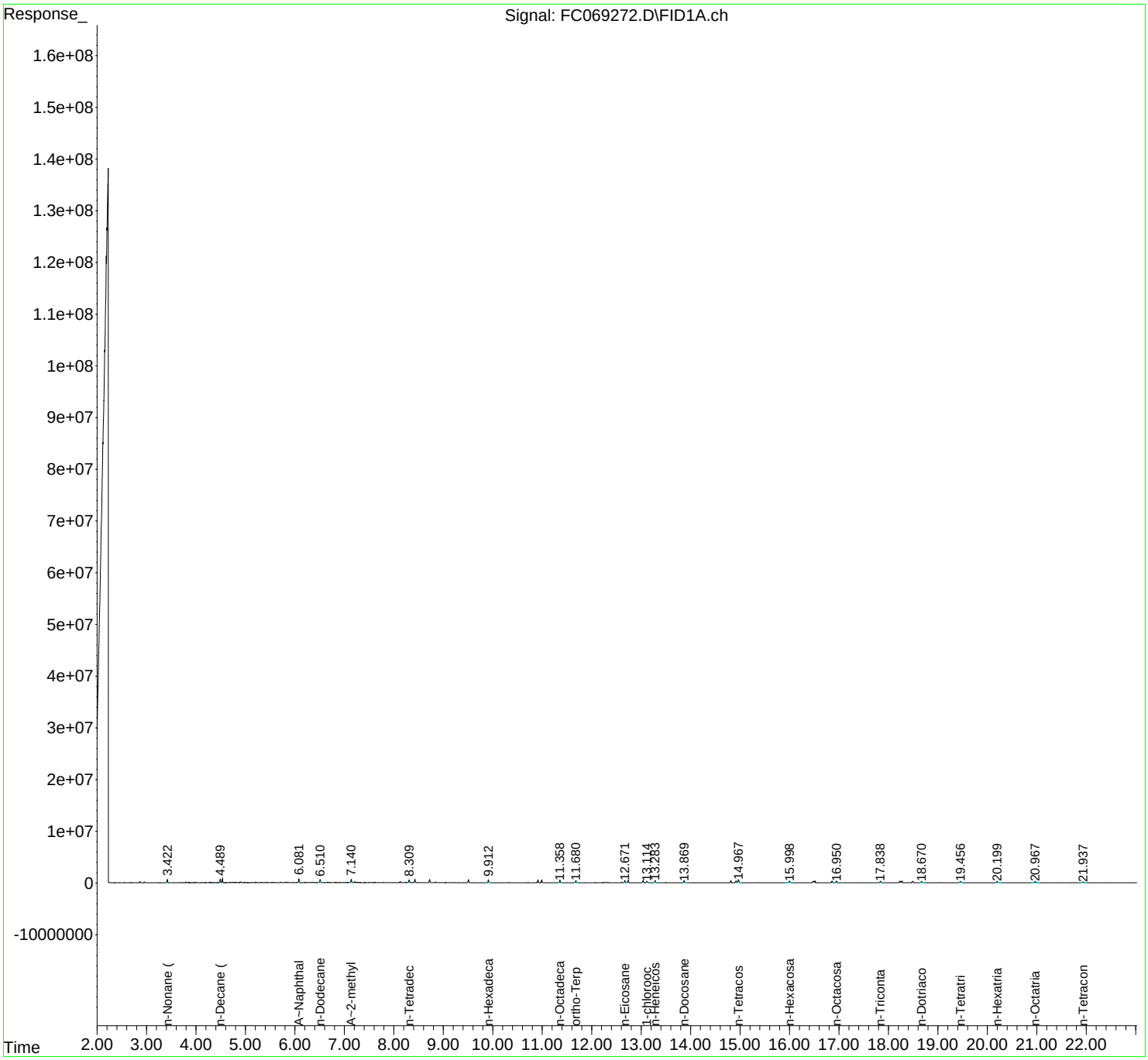
Instrument :
FID_C
ClientSampleId :
GCAP1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
Quant Time: Jun 25 00:41:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_C
ClientSampleId :
GCAP1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres
Area Percent Repor

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data
Data File : FC069272.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2025 17:45
Sample : Q2363-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	% max.	% of total
1	3.247	3.204	3.262	BV	38110	440378	4.84%	0.124%
2	3.272	3.262	3.291	VV	20758	181788	2.00%	0.051%
3	3.319	3.291	3.347	VV	4952	77614	0.85%	0.022%
4	3.373	3.347	3.383	PV	3392	30777	0.34%	0.009%
5	3.422	3.383	3.461	VV	615029	5470226	60.18%	1.539%
6	3.472	3.461	3.503	VV	8252	98535	1.08%	0.028%
7	3.522	3.503	3.531	VV	4955	44316	0.49%	0.012%
8	3.550	3.531	3.564	VV	30912	319136	3.51%	0.090%
9	3.573	3.564	3.587	VV	18671	180910	1.99%	0.051%

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

10	3.622	3.587	3.652	VV	25072	490010	5		
11	3.689	3.652	3.722	VV	71572	1039674	1		
12	3.749	3.722	3.766	VV	26724	406299	4.47%	0.114%	
13	3.793	3.766	3.816	VV	122666	1428025	15.71%	0.402%	
14	3.827	3.816	3.838	VV	33876	368287	4.05%	0.104%	
15	3.865	3.838	3.902	VV	78388	1255270	13.81%	0.353%	
16	3.917	3.902	3.946	VV	24319	347073	3.82%	0.098%	
17	3.964	3.946	3.982	VV	65171	587032	6.46%	0.165%	
18	4.009	3.982	4.057	VV	56921	1263293	13.90%	0.355%	
19	4.084	4.057	4.102	VV	24788	379233	4.17%	0.107%	
20	4.119	4.102	4.133	VV	31902	410850	4.52%	0.116%	
21	4.152	4.133	4.171	VV	48635	749605	8.25%	0.211%	
22	4.186	4.171	4.208	VV	76906	843835	9.28%	0.237%	
23	4.269	4.208	4.281	VV	70175	1184149	13.03%	0.333%	
24	4.296	4.281	4.320	VV	89266	1092360	12.02%	0.307%	
25	4.333	4.320	4.346	VV	32647	385221	4.24%	0.108%	
26	4.352	4.346	4.372	VV	21273	200364	2.20%	0.056%	
27	4.405	4.372	4.424	VV	46511	761223	8.37%	0.214%	
28	4.446	4.424	4.465	VV	46426	749736	8.25%	0.211%	
29	4.490	4.465	4.511	VV	628112	5850728	64.36%	1.646%	
30	4.533	4.511	4.579	VV	716039	6762409	74.39%	1.902%	
31	4.596	4.579	4.614	VV	21773	386347	4.25%	0.109%	
32	4.644	4.614	4.675	VV	57816	1449334	15.94%	0.408%	
33	4.690	4.675	4.705	VV	74675	952872	10.48%	0.268%	
34	4.715	4.705	4.726	VV	42475	476530	5.24%	0.134%	
35	4.742	4.726	4.758	VV	107530	1139325	12.53%	0.320%	

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

36	4.773	4.758	4.786	VV	102185	1097821		
37	4.796	4.786	4.811	VV	67943	807780	8	
38	4.820	4.811	4.832	VV	51604	534935	5.88%	0.150%
39	4.861	4.832	4.878	VV	75370	1249149	13.74%	0.351%
40	4.901	4.878	4.927	VV	138183	1976338	21.74%	0.556%
41	4.936	4.927	4.945	VV	28479	286558	3.15%	0.081%
42	4.966	4.945	4.988	VV	100124	1327013	14.60%	0.373%
43	5.010	4.988	5.024	VV	46026	710915	7.82%	0.200%
44	5.039	5.024	5.071	VV	52655	1011469	11.13%	0.284%
45	5.120	5.071	5.154	VV	49770	1456381	16.02%	0.410%
46	5.184	5.154	5.194	VV	65388	890588	9.80%	0.250%
47	5.208	5.194	5.222	VV	91340	1058015	11.64%	0.298%
48	5.232	5.222	5.272	VV	54530	1184007	13.02%	0.333%
49	5.286	5.272	5.306	VV	33024	536074	5.90%	0.151%
50	5.328	5.306	5.375	VV	82411	1990694	21.90%	0.560%
51	5.388	5.375	5.404	VV	56366	758656	8.35%	0.213%
52	5.420	5.404	5.434	VV	62602	788285	8.67%	0.222%
53	5.451	5.434	5.503	VV	57317	1602824	17.63%	0.451%
54	5.531	5.503	5.541	VV	73105	1084048	11.93%	0.305%
55	5.555	5.541	5.580	VV	93098	1303074	14.33%	0.366%
56	5.597	5.580	5.609	VV	49096	612031	6.73%	0.172%
57	5.617	5.609	5.633	VV	38530	442902	4.87%	0.125%
58	5.662	5.633	5.672	VV	35949	729274	8.02%	0.205%
59	5.683	5.672	5.693	VV	37388	449426	4.94%	0.126%
60	5.714	5.693	5.754	VV	127654	2241087	24.65%	0.630%

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

61	5.773	5.754	5.788	VV	38677	695644	7		
62	5.825	5.788	5.848	VV	109072	2571536			
63	5.865	5.848	5.907	VV	81563	1585408	1		
64	5.936	5.907	5.961	VV	50385	1129753	12.43%	0.318%	
65	5.984	5.961	6.008	VV	52898	903422	9.94%	0.254%	
66	6.030	6.008	6.053	VV	62531	1183822	13.02%	0.333%	
67	6.081	6.053	6.143	VV	751185	8342258	91.77%	2.346%	
68	6.182	6.143	6.195	VV	51193	1171541	12.89%	0.329%	
69	6.212	6.195	6.240	VV	63619	1308414	14.39%	0.368%	
70	6.263	6.240	6.281	VV	49781	1016946	11.19%	0.286%	
71	6.296	6.281	6.308	VV	52072	701981	7.72%	0.197%	
72	6.347	6.308	6.370	VV	62082	1915953	21.08%	0.539%	
73	6.389	6.370	6.411	VV	68412	1179360	12.97%	0.332%	
74	6.439	6.411	6.455	VV	55159	1132785	12.46%	0.319%	
75	6.466	6.455	6.480	VV	46699	626252	6.89%	0.176%	
76	6.510	6.480	6.558	VV	596756	7111590	78.23%	2.000%	
77	6.599	6.558	6.615	VV	45257	1228710	13.52%	0.346%	
78	6.627	6.615	6.637	VV	39050	480745	5.29%	0.135%	
79	6.658	6.637	6.681	VV	96271	1564670	17.21%	0.440%	
80	6.707	6.681	6.722	VV	66722	1257395	13.83%	0.354%	
81	6.730	6.722	6.763	VV	43551	844891	9.29%	0.238%	
82	6.787	6.763	6.809	VV	60254	1202343	13.23%	0.338%	
83	6.834	6.809	6.873	VV	86201	1868695	20.56%	0.526%	
84	6.910	6.873	6.931	VV	56307	1403777	15.44%	0.395%	
85	6.971	6.931	6.995	VV	48458	1415305	15.57%	0.398%	
86	7.016	6.995	7.025	VV	50715	755336	8.31%	0.212%	

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

87	7.040	7.025	7.055	VV	62550	929919	1(	
88	7.072	7.055	7.100	VV	66421	1282910	1	
89	7.140	7.100	7.190	VV	652481	8038411		
90	7.213	7.190	7.255	VV	199774	3272240	36.00%	0.920%
91	7.272	7.255	7.296	VV	93539	1476138	16.24%	0.415%
92	7.315	7.296	7.334	VV	64457	1046688	11.51%	0.294%
93	7.344	7.334	7.378	VV	38245	933481	10.27%	0.263%
94	7.401	7.378	7.467	VV	48709	2114828	23.26%	0.595%
95	7.488	7.467	7.511	VV	46587	1088049	11.97%	0.306%
96	7.527	7.511	7.561	VV	49169	1271358	13.99%	0.358%
97	7.573	7.561	7.583	VV	43881	539667	5.94%	0.152%
98	7.610	7.583	7.636	VV	65539	1590431	17.50%	0.447%
99	7.654	7.636	7.679	VV	39509	930538	10.24%	0.262%
100	7.694	7.679	7.712	VV	37141	628526	6.91%	0.177%
101	7.776	7.712	7.834	VV	67553	2842788	31.27%	0.800%
102	7.862	7.834	7.884	VV	39385	1022252	11.25%	0.288%
103	7.910	7.884	7.930	VV	37164	958179	10.54%	0.269%
104	7.956	7.930	7.973	VV	38081	904333	9.95%	0.254%
105	8.015	7.973	8.046	VV	48831	1779919	19.58%	0.501%
106	8.057	8.046	8.083	VV	37301	775209	8.53%	0.218%
107	8.130	8.083	8.203	VV	191094	4226499	46.49%	1.189%
108	8.237	8.203	8.252	VV	79673	1539018	16.93%	0.433%
109	8.265	8.252	8.282	VV	69317	961722	10.58%	0.270%
110	8.310	8.282	8.336	VV	561589	6580141	72.39%	1.851%
111	8.355	8.336	8.375	VV	53299	961586	10.58%	0.270%
112	8.426	8.375	8.463	VV	653542	8220955	90.44%	2.312%

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

113	8.477	8.463	8.493	VV	46625	725454		
114	8.505	8.493	8.519	VV	35512	544491		
115	8.529	8.519	8.545	VV	35288	509685		
116	8.558	8.545	8.572	VV	32554	466634	5.13%	0.131%
117	8.596	8.572	8.620	VV	40079	939920	10.34%	0.264%
118	8.633	8.620	8.647	VV	28421	416036	4.58%	0.117%
119	8.668	8.647	8.685	VV	41565	735189	8.09%	0.207%
120	8.723	8.685	8.750	VV	636456	7244222	79.69%	2.037%
121	8.772	8.750	8.791	VV	39147	759343	8.35%	0.214%
122	8.845	8.791	8.871	VV	130555	2462253	27.09%	0.693%
123	8.884	8.871	8.907	VV	26948	534631	5.88%	0.150%
124	8.923	8.907	8.939	VV	24343	425739	4.68%	0.120%
125	8.958	8.939	8.976	VV	34070	622648	6.85%	0.175%
126	8.992	8.976	9.014	VV	35783	644675	7.09%	0.181%
127	9.025	9.014	9.043	VV	22699	369259	4.06%	0.104%
128	9.079	9.043	9.095	VV	31412	785187	8.64%	0.221%
129	9.126	9.095	9.144	VV	32931	783481	8.62%	0.220%
130	9.166	9.144	9.200	VV	34960	855848	9.41%	0.241%
131	9.215	9.200	9.240	VV	25441	504308	5.55%	0.142%
132	9.283	9.240	9.301	VV	26398	744636	8.19%	0.209%
133	9.315	9.301	9.346	VV	21296	442469	4.87%	0.124%
134	9.364	9.346	9.382	VV	16862	331247	3.64%	0.093%
135	9.420	9.382	9.446	VV	23544	667019	7.34%	0.188%
136	9.460	9.446	9.476	VV	15926	259474	2.85%	0.073%
137	9.509	9.476	9.556	VV	601805	6773230	74.51%	1.905%
138	9.583	9.556	9.614	VV	26487	597871	6.58%	0.168%

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

139	9.625	9.614	9.634	VV	11638	136684		
140	9.668	9.634	9.699	VV	16296	537946		
141	9.717	9.699	9.739	VV	17593	327134	3.60%	0.092%
142	9.748	9.739	9.756	VV	9931	101054	1.11%	0.028%
143	9.780	9.756	9.804	VV	39801	563278	6.20%	0.158%
144	9.826	9.804	9.842	VV	12210	229839	2.53%	0.065%
145	9.868	9.842	9.884	VV	13559	293945	3.23%	0.083%
146	9.912	9.884	9.961	VV	517248	5845645	64.31%	1.644%
147	9.994	9.961	10.006	VV	9057	227305	2.50%	0.064%
148	10.017	10.006	10.051	VV	8648	199486	2.19%	0.056%
149	10.085	10.051	10.106	VV	7318	193255	2.13%	0.054%
150	10.124	10.106	10.169	VV	5793	194974	2.14%	0.055%
151	10.189	10.169	10.209	VV	6081	119286	1.31%	0.034%
152	10.252	10.209	10.272	VV	6723	191210	2.10%	0.054%
153	10.323	10.272	10.370	VV	35297	895929	9.86%	0.252%
154	10.385	10.370	10.415	VV	6502	142403	1.57%	0.040%
155	10.447	10.415	10.469	VV	4550	126364	1.39%	0.036%
156	10.491	10.469	10.524	VV	9373	172515	1.90%	0.049%
157	10.555	10.524	10.568	VV	3768	92914	1.02%	0.026%
158	10.584	10.568	10.616	VV	4171	106489	1.17%	0.030%
159	10.650	10.616	10.665	VV	6108	121536	1.34%	0.034%
160	10.675	10.665	10.687	VV	4962	56438	0.62%	0.016%
161	10.721	10.687	10.848	VV	24357	633504	6.97%	0.178%
162	10.914	10.848	10.954	VV	524534	5946767	65.42%	1.673%
163	10.990	10.954	11.018	VV	513651	5620450	61.83%	1.581%
164	11.045	11.018	11.088	VV	3801	121489	1.34%	0.034%

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

165	11.128	11.088	11.147	VV	3731	90580			
166	11.162	11.147	11.178	VV	3591	55848			
167	11.195	11.178	11.239	VV	4587	91539	1.01%	0.026%	
168	11.279	11.239	11.311	VV	18495	250349	2.75%	0.070%	
169	11.358	11.311	11.406	VV	471349	5331306	58.65%	1.499%	
170	11.447	11.406	11.484	VV	9119	200176	2.20%	0.056%	
171	11.517	11.484	11.536	VV	2973	74478	0.82%	0.021%	
172	11.548	11.536	11.564	VV	2082	32559	0.36%	0.009%	
173	11.614	11.564	11.643	VV	4787	129818	1.43%	0.037%	
174	11.680	11.643	11.728	VV	405765	4391285	48.31%	1.235%	
175	11.745	11.728	11.765	VV	4545	72902	0.80%	0.021%	
176	11.777	11.765	11.795	VV	2800	46186	0.51%	0.013%	
177	11.827	11.795	11.847	VV	5850	114646	1.26%	0.032%	
178	11.873	11.847	11.906	VV	18753	300935	3.31%	0.085%	
179	11.923	11.906	11.946	VV	4929	85746	0.94%	0.024%	
180	11.962	11.946	11.977	VV	3256	52765	0.58%	0.015%	
181	12.004	11.977	12.016	VV	6202	105608	1.16%	0.030%	
182	12.027	12.016	12.043	VV	6163	81097	0.89%	0.023%	
183	12.070	12.043	12.087	VV	21806	333121	3.66%	0.094%	
184	12.097	12.087	12.109	VV	14075	161972	1.78%	0.046%	
185	12.118	12.109	12.177	VV	12785	240147	2.64%	0.068%	
186	12.191	12.177	12.202	VV	3358	44791	0.49%	0.013%	
187	12.229	12.202	12.251	VV	48711	586936	6.46%	0.165%	
188	12.279	12.251	12.302	VV	102398	1348781	14.84%	0.379%	
189	12.326	12.302	12.373	VV	70145	934803	10.28%	0.263%	
190	12.397	12.373	12.471	VV	16467	343343	3.78%	0.097%	

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

191	12.496	12.471	12.548	VV	30041	420791			
192	12.608	12.548	12.635	VV	109108	133415			
193	12.671	12.635	12.702	VV	431103	5223253	57.46%	1.469%	
194	12.740	12.702	12.785	VV	473104	5382662	59.21%	1.514%	
195	12.820	12.785	12.881	VV	5358	163077	1.79%	0.046%	
196	12.921	12.881	12.967	VV	9433	175327	1.93%	0.049%	
197	13.039	12.967	13.082	VV	450773	5540731	60.95%	1.558%	
198	13.115	13.082	13.143	VV	280279	3480461	38.29%	0.979%	
199	13.155	13.143	13.184	VV	5676	80045	0.88%	0.023%	
200	13.229	13.184	13.247	VV	3895	77776	0.86%	0.022%	
201	13.284	13.247	13.318	VV	397223	4910402	54.02%	1.381%	
202	13.345	13.318	13.415	VV	7082	195010	2.15%	0.055%	
203	13.432	13.415	13.454	VV	1746	37316	0.41%	0.010%	
204	13.504	13.454	13.568	VV	44410	702412	7.73%	0.198%	
205	13.588	13.568	13.599	VV	3251	53863	0.59%	0.015%	
206	13.620	13.599	13.674	VV	10850	185799	2.04%	0.052%	
207	13.730	13.674	13.749	VV	3861	102279	1.13%	0.029%	
208	13.783	13.749	13.834	VV	3785	127828	1.41%	0.036%	
209	13.870	13.834	13.927	VV	371996	4803702	52.84%	1.351%	
210	13.938	13.927	13.958	VV	1665	23113	0.25%	0.007%	
211	13.992	13.958	14.008	VV	1494	34890	0.38%	0.010%	
212	14.042	14.008	14.064	VV	2358	53032	0.58%	0.015%	
213	14.077	14.064	14.088	VV	1541	18942	0.21%	0.005%	
214	14.109	14.088	14.121	VV	2624	38610	0.42%	0.011%	
215	14.139	14.121	14.194	VV	4963	83643	0.92%	0.024%	

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

216	14.259	14.194	14.281	VV	2501	58833			
217	14.308	14.281	14.340	VV	3730	68654			
218	14.356	14.340	14.408	VV	1416	32171			
219	14.433	14.408	14.458	VV	3208	48976	0.54%	0.014%	
220	14.487	14.458	14.508	VV	1682	38093	0.42%	0.011%	
221	14.537	14.508	14.553	VV	2227	44085	0.48%	0.012%	
222	14.598	14.553	14.621	VV	2619	69454	0.76%	0.020%	
223	14.655	14.621	14.703	VV	1840	49505	0.54%	0.014%	
224	14.746	14.703	14.776	VV	14211	188893	2.08%	0.053%	
225	14.813	14.776	14.848	VV	387247	4598202	50.58%	1.293%	
226	14.866	14.848	14.876	VV	834	10661	0.12%	0.003%	
227	14.920	14.876	14.940	VV	360934	4703380	51.74%	1.323%	
228	14.968	14.940	15.028	VV	612991	9090310	100.00%	2.557%	
229	15.045	15.028	15.058	VV	1330	16882	0.19%	0.005%	
230	15.074	15.058	15.094	VV	1368	18906	0.21%	0.005%	
231	15.112	15.094	15.131	VV	704	9512	0.10%	0.003%	
232	15.151	15.131	15.185	VV	750	10931	0.12%	0.003%	
233	15.209	15.185	15.241	PV	812	15086	0.17%	0.004%	
234	15.274	15.241	15.283	VV	894	14413	0.16%	0.004%	
235	15.299	15.283	15.318	VV	1279	18460	0.20%	0.005%	
236	15.350	15.318	15.416	VV	32745	464490	5.11%	0.131%	
237	15.437	15.416	15.468	VV	877	16833	0.19%	0.005%	
238	15.493	15.468	15.528	VV	4184	61019	0.67%	0.017%	
239	15.584	15.528	15.606	VV	1878	44579	0.49%	0.013%	
240	15.624	15.606	15.651	VV	885	11279	0.12%	0.003%	
241	15.669	15.651	15.684	PV	307	2699	0.03%	0.001%	

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

242	15.748	15.684	15.783	PV	1373	36723			
243	15.821	15.783	15.849	VV	1117	30132			
244	15.870	15.849	15.901	VV	1990	39638			
245	15.999	15.901	16.039	VV	331520	4340287	47.75%	1.221%	
246	16.066	16.039	16.093	VV	1659	43708	0.48%	0.012%	
247	16.119	16.093	16.140	VV	1919	49349	0.54%	0.014%	
248	16.170	16.140	16.187	VV	3429	79629	0.88%	0.022%	
249	16.213	16.187	16.254	VV	4983	164127	1.81%	0.046%	
250	16.286	16.254	16.315	VV	6404	166746	1.83%	0.047%	
251	16.364	16.315	16.391	VV	13138	317543	3.49%	0.089%	
252	16.409	16.391	16.438	VV	4331	111805	1.23%	0.031%	
253	16.481	16.438	16.497	VV	300113	4503048	49.54%	1.266%	
254	16.514	16.497	16.539	VV	352284	4272949	47.01%	1.202%	
255	16.554	16.539	16.588	VV	6364	121924	1.34%	0.034%	
256	16.605	16.588	16.624	VV	3066	53201	0.59%	0.015%	
257	16.641	16.624	16.703	VV	2920	79543	0.88%	0.022%	
258	16.726	16.703	16.750	VV	3667	54704	0.60%	0.015%	
259	16.789	16.750	16.820	VV	12221	247284	2.72%	0.070%	
260	16.862	16.820	16.894	VV	319495	4221080	46.43%	1.187%	
261	16.950	16.894	16.981	VV	309107	4061430	44.68%	1.142%	
262	16.999	16.981	17.008	VV	4843	57504	0.63%	0.016%	
263	17.023	17.008	17.054	VV	6243	90114	0.99%	0.025%	
264	17.096	17.054	17.134	VV	804	17628	0.19%	0.005%	
265	17.164	17.134	17.204	PV	3597	63297	0.70%	0.018%	
266	17.215	17.204	17.266	VV	1034	24614	0.27%	0.007%	
267	17.310	17.266	17.365	VV	13744	223651	2.46%	0.063%	

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

268	17.398	17.365	17.422	VV	6870	106958		
269	17.439	17.422	17.464	VV	3090	39717		
270	17.484	17.464	17.501	VV	772	11967		
271	17.511	17.501	17.588	VV	693	20192	0.22%	0.006%
272	17.623	17.588	17.654	PV	650	12456	0.14%	0.004%
273	17.678	17.654	17.698	VV	505	9115	0.10%	0.003%
274	17.728	17.698	17.746	VV	3474	49070	0.54%	0.014%
275	17.765	17.746	17.791	VV	3174	50753	0.56%	0.014%
276	17.839	17.791	17.874	VV	287552	3897471	42.88%	1.096%
277	17.926	17.874	17.963	VV	4629	112389	1.24%	0.032%
278	18.015	17.963	18.037	VV	1548	52491	0.58%	0.015%
279	18.074	18.037	18.104	VV	2009	53336	0.59%	0.015%
280	18.237	18.104	18.253	VV	310510	4932676	54.26%	1.387%
281	18.274	18.253	18.321	VV	334121	4258811	46.85%	1.198%
282	18.384	18.321	18.434	VV	4581	193704	2.13%	0.054%
283	18.494	18.434	18.534	VV	290095	4115773	45.28%	1.158%
284	18.542	18.534	18.583	VV	1968	54696	0.60%	0.015%
285	18.612	18.583	18.628	VV	3201	66142	0.73%	0.019%
286	18.672	18.628	18.731	VV	268539	3892589	42.82%	1.095%
287	18.771	18.731	18.818	VV	5730	192422	2.12%	0.054%
288	18.837	18.818	18.860	VV	3966	81864	0.90%	0.023%
289	18.883	18.860	18.904	VV	3443	78345	0.86%	0.022%
290	18.915	18.904	18.924	VV	2562	29920	0.33%	0.008%
291	18.959	18.924	18.981	VV	4249	114969	1.26%	0.032%
292	19.025	18.981	19.052	VV	18866	422346	4.65%	0.119%
293	19.074	19.052	19.114	VV	13916	317889	3.50%	0.089%

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

294	19.156	19.114	19.185	VV	5265	179285			
295	19.210	19.185	19.236	VV	7206	161541			
296	19.268	19.236	19.289	VV	4738	130150	1.43%	0.037%	
297	19.326	19.289	19.351	VV	5723	181465	2.00%	0.051%	
298	19.366	19.351	19.404	VV	5348	138104	1.52%	0.039%	
299	19.457	19.404	19.506	VV	269805	4058594	44.65%	1.141%	
300	19.522	19.506	19.537	VV	5531	95600	1.05%	0.027%	
301	19.563	19.537	19.594	VV	6464	178487	1.96%	0.050%	
302	19.632	19.594	19.671	VV	6469	227940	2.51%	0.064%	
303	19.704	19.671	19.721	VV	5614	150033	1.65%	0.042%	
304	19.743	19.721	19.773	VV	6489	176394	1.94%	0.050%	
305	19.803	19.773	19.850	VV	8828	327192	3.60%	0.092%	
306	19.865	19.850	19.901	VV	5498	159204	1.75%	0.045%	
307	19.924	19.901	19.953	VV	5402	157346	1.73%	0.044%	
308	19.995	19.953	20.034	VV	7869	302102	3.32%	0.085%	
309	20.056	20.034	20.066	VV	6198	110798	1.22%	0.031%	
310	20.100	20.066	20.141	VV	9579	309775	3.41%	0.087%	
311	20.199	20.141	20.272	VV	257337	4060560	44.67%	1.142%	
312	20.359	20.272	20.397	VV	8625	492709	5.42%	0.139%	
313	20.477	20.397	20.612	VV	9249	951628	10.47%	0.268%	
314	20.627	20.612	20.651	VV	5809	129615	1.43%	0.036%	
315	20.670	20.651	20.696	VV	5574	141378	1.56%	0.040%	
316	20.704	20.696	20.728	VV	4955	91048	1.00%	0.026%	
317	20.743	20.728	20.791	VV	4925	176326	1.94%	0.050%	
318	20.808	20.791	20.843	VV	4366	130305	1.43%	0.037%	
319	20.879	20.843	20.910	VV	4372	170012	1.87%	0.048%	

Instrument :
FID_C
ClientSampleId :
GCAP1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

rteres

320	20.968	20.910	21.131	VV	206607	421583		
321	21.170	21.131	21.202	VV	3761	140599		
322	21.218	21.202	21.247	VV	2905	76960	0.85%	0.022%
323	21.278	21.247	21.326	VV	2949	133595	1.47%	0.038%
324	21.354	21.326	21.369	VV	2856	71074	0.78%	0.020%
325	21.421	21.369	21.537	VV	3839	300859	3.31%	0.085%
326	21.547	21.537	21.601	VV	2267	81641	0.90%	0.023%
327	21.619	21.601	21.721	VV	2189	132704	1.46%	0.037%
328	21.759	21.721	21.808	VV	2010	88307	0.97%	0.025%
329	21.840	21.808	21.865	VV	1683	53078	0.58%	0.015%
330	21.938	21.865	22.066	VV	153400	3816421	41.98%	1.073%
331	22.079	22.066	22.089	VV	683	8903	0.10%	0.003%
332	22.160	22.089	22.171	VV	1632	53417	0.59%	0.015%
333	22.194	22.171	22.334	VV	1649	94766	1.04%	0.027%
334	22.343	22.334	22.374	VV	267	5356	0.06%	0.002%
335	22.395	22.374	22.417	VV	241	4148	0.05%	0.001%

Sum of corrected areas: 355551331

Aliphatic EPH 061825.M Wed Jun 25 01:28:32 2025

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

Manual Integration Report

Sequence:	FC061825AL	Instrument	FID_c

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

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

Manual Integration Report

Sequence:	FC062425AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC069258.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:20 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2386-01DL	FC069259.D	1-chlorooctadecane (SURR)	yogesh	6/25/2025 7:36:22 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2386-01DL	FC069259.D	ortho-Terphenyl (SURR)	yogesh	6/25/2025 7:36:22 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
PB168591BS	FC069262.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:24 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
PB168591BSD	FC069263.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:25 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069266.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:27 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
PB168596BS	FC069268.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:28 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
PB168596BSD	FC069269.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:30 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MS	FC069271.D	A~2-methylnaphthalene (C12.89)	yogesh	6/25/2025 7:36:33 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MS	FC069271.D	A~Naphthalene (C11.7)	yogesh	6/25/2025 7:36:33 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MS	FC069271.D	n-Decane (C10)	yogesh	6/25/2025 7:36:33 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MS	FC069271.D	n-Dodecane (C12)	yogesh	6/25/2025 7:36:33 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MS	FC069271.D	n-Nonane (C9)	yogesh	6/25/2025 7:36:33 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FC062425AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2363-01MS	FC069271.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:33 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MS	FC069271.D	n-Tetradecane (C14)	yogesh	6/25/2025 7:36:33 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MSD	FC069272.D	A~2-methylnaphthalene (C12.89)	yogesh	6/25/2025 7:36:35 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MSD	FC069272.D	A~Naphthalene (C11.7)	yogesh	6/25/2025 7:36:35 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MSD	FC069272.D	n-Decane (C10)	yogesh	6/25/2025 7:36:35 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MSD	FC069272.D	n-Dodecane (C12)	yogesh	6/25/2025 7:36:35 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MSD	FC069272.D	n-Nonane (C9)	yogesh	6/25/2025 7:36:35 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MSD	FC069272.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:35 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
Q2363-01MSD	FC069272.D	n-Tetradecane (C14)	yogesh	6/25/2025 7:36:35 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069274.D	n-Octatriacontane (C38)	yogesh	6/25/2025 7:36:36 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC069274.D	n-Tetracontane (C40)	yogesh	6/25/2025 7:36:36 AM	mohammad	6/26/2025 1:32:17	Peak Integrated by Software

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069219.D	18 Jun 2025 09:57	YP/AJ	Ok
2	I.BLK	FC069220.D	18 Jun 2025 10:37	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069221.D	18 Jun 2025 11:17	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069222.D	18 Jun 2025 11:58	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069223.D	18 Jun 2025 12:39	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069224.D	18 Jun 2025 13:20	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069225.D	18 Jun 2025 14:03	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069226.D	18 Jun 2025 14:45	YP/AJ	Ok
9	I.BLK	FC069227.D	18 Jun 2025 15:28	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069228.D	18 Jun 2025 16:12	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC062425AL

Review By	yogesh	Review On	6/24/2025 11:16:35 AM		
Supervise By	mohammad	Supervise On	6/26/2025 1:32:17 AM		
SubDirectory	FC062425AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069256.D	24 Jun 2025 05:43	YP/AJ	Ok
2	I.BLK	FC069257.D	24 Jun 2025 06:23	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069258.D	24 Jun 2025 07:04	YP/AJ	Ok,M
4	Q2386-01DL	FC069259.D	24 Jun 2025 07:57	YP/AJ	Ok,M
5	Q2388-01DL	FC069260.D	24 Jun 2025 08:38	YP/AJ	Ok
6	PB168591BL	FC069261.D	24 Jun 2025 09:20	YP/AJ	Ok
7	PB168591BS	FC069262.D	24 Jun 2025 10:03	YP/AJ	Ok,M
8	PB168591BSD	FC069263.D	24 Jun 2025 10:47	YP/AJ	Ok,M
9	Q2385-01	FC069264.D	24 Jun 2025 11:32	YP/AJ	Ok
10	I.BLK	FC069265.D	24 Jun 2025 12:17	YP/AJ	Ok
11	20 PPM ALIPHATIC HC STD	FC069266.D	24 Jun 2025 13:03	YP/AJ	Ok,M
12	PB168596BL	FC069267.D	24 Jun 2025 13:48	YP/AJ	Ok
13	PB168596BS	FC069268.D	24 Jun 2025 14:35	YP/AJ	Ok,M
14	PB168596BSD	FC069269.D	24 Jun 2025 15:22	YP/AJ	Ok,M
15	Q2363-01	FC069270.D	24 Jun 2025 16:10	YP/AJ	Ok
16	Q2363-01MS	FC069271.D	24 Jun 2025 16:57	YP/AJ	Ok,M
17	Q2363-01MSD	FC069272.D	24 Jun 2025 17:45	YP/AJ	Ok,M
18	I.BLK	FC069273.D	24 Jun 2025 19:18	YP/AJ	Ok
19	20 PPM ALIPHATIC HC STD	FC069274.D	24 Jun 2025 20:04	YP/AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069219.D	18 Jun 2025 09:57		YP/AJ	Ok
2	I.BLK	I.BLK	FC069220.D	18 Jun 2025 10:37		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069221.D	18 Jun 2025 11:17		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069222.D	18 Jun 2025 11:58		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069223.D	18 Jun 2025 12:39		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069224.D	18 Jun 2025 13:20		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069225.D	18 Jun 2025 14:03		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069226.D	18 Jun 2025 14:45		YP/AJ	Ok
9	I.BLK	I.BLK	FC069227.D	18 Jun 2025 15:28		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069228.D	18 Jun 2025 16:12		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC062425AL

Review By	yogesh	Review On	6/24/2025 11:16:35 AM		
Supervise By	mohammad	Supervise On	6/26/2025 1:32:17 AM		
SubDirectory	FC062425AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069256.D	24 Jun 2025 05:43		YP/AJ	Ok
2	I.BLK	I.BLK	FC069257.D	24 Jun 2025 06:23		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069258.D	24 Jun 2025 07:04		YP/AJ	Ok,M
4	Q2386-01DL	SU-1-062025DL	FC069259.D	24 Jun 2025 07:57		YP/AJ	Ok,M
5	Q2388-01DL	TP-12DL	FC069260.D	24 Jun 2025 08:38		YP/AJ	Ok
6	PB168591BL	PB168591BL	FC069261.D	24 Jun 2025 09:20		YP/AJ	Ok
7	PB168591BS	PB168591BS	FC069262.D	24 Jun 2025 10:03	naphthalene break down - 0.535, 2-methylnephthalene break down - 0.329	YP/AJ	Ok,M
8	PB168591BSD	PB168591BSD	FC069263.D	24 Jun 2025 10:47	naphthalene break down - 0.498, 2-methylnephthalene break down - 0.352	YP/AJ	Ok,M
9	Q2385-01	A5311	FC069264.D	24 Jun 2025 11:32		YP/AJ	Ok
10	I.BLK	I.BLK	FC069265.D	24 Jun 2025 12:17		YP/AJ	Ok
11	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069266.D	24 Jun 2025 13:03		YP/AJ	Ok,M
12	PB168596BL	PB168596BL	FC069267.D	24 Jun 2025 13:48		YP/AJ	Ok
13	PB168596BS	PB168596BS	FC069268.D	24 Jun 2025 14:35		YP/AJ	Ok,M
14	PB168596BSD	PB168596BSD	FC069269.D	24 Jun 2025 15:22		YP/AJ	Ok,M
15	Q2363-01	GCAP1	FC069270.D	24 Jun 2025 16:10		YP/AJ	Ok
16	Q2363-01MS	GCAP1MS	FC069271.D	24 Jun 2025 16:57	FC069270.D	YP/AJ	Ok,M

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC062425AL

Review By	yogesh	Review On	6/24/2025 11:16:35 AM		
Supervise By	mohammad	Supervise On	6/26/2025 1:32:17 AM		
SubDirectory	FC062425AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q2363-01MSD	GCAP1MSD	FC069272.D	24 Jun 2025 17:45	FC069270.D!FC069271.D	YP/AJ	Ok,M
18	I.BLK	I.BLK	FC069273.D	24 Jun 2025 19:18		YP/AJ	Ok
19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069274.D	24 Jun 2025 20:04		YP/AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168596

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 06/24/2025

Extraction Start Time : 08:47

Extraction End Date : 06/24/2025

Extraction End Time : 11:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24625
Surrogate	1.0ML	100 PPM	PP24652
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2622
Sand	N/A	E2865
Methylene Chloride	N/A	E3943
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/24/25	RSCelt lab)	Y-Pest/PCB.
11:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168596

Analytical Method: MNJDEP-EPH-8

Concentration Date: 06/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168596BL	PB168596BL	EPH_F2	30.01	N/A	ritesh	Evelyn	2			U2-1
PB168596BS	PB168596BS	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
PB168596BSD	PB168596BSD	EPH_F2	30.02	N/A	ritesh	Evelyn	2			3
Q2363-01	GCAP1	EPH_F2	30.06	N/A	ritesh	Evelyn	2	E		4
Q2363-01MS	GCAP1MS	EPH_F2	30.08	N/A	ritesh	Evelyn	2	E		5
Q2363-01MSD	GCAP1MSD	EPH_F2	30.05	N/A	ritesh	Evelyn	2	E		6

RS 6/24

* **Extracts relinquished on the same date as received.**

168596
8:47

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2363 **WorkList ID :** 190351 **Department :** Extraction **Date :** 06-24-2025 08:40:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2363-01	GCAP1	Solid	EPH_F2	Cool 4 deg C	GENV01	D51	06/18/2025	NJEPH

Date/Time 6/24/25 8:40
Raw Sample Received by: RJ (FAlab)
Raw Sample Relinquished by: SM

Date/Time 6/24/25 8:55
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (FAlab)

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

LAB CHRONICLE

OrderID:	Q2363	**OrderDate:**	6/18/2025 4:03:52 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2363-01	**GCAP1**	**Solid**			**06/18/25**			**06/18/25**
			EPH_F2	NJEPH		06/24/25	06/24/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2363 **Order ID:** Q2363

Client: G Environmental **Project ID:** Capra

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GCAP1								
Q2363-01	GCAP1	SOIL	Lead	349		0.14	0.64	mg/Kg

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	349	*	1	0.14	0.64	mg/Kg	06/20/25 10:05	06/23/25 16:28	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group3				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Lead	2.30	+/-6	U	12.0	P	06/23/2025	13:19	LB136236

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Lead	2.30	+/-6	U	12.0	P	06/23/2025	14:05	LB136236
CCB02	Lead	2.30	+/-6	U	12.0	P	06/23/2025	14:58	LB136236
CCB03	Lead	2.30	+/-6	U	12.0	P	06/23/2025	15:52	LB136236
CCB04	Lead	2.30	+/-6	U	12.0	P	06/23/2025	16:56	LB136236
CCB05	Lead	2.30	+/-6	U	12.0	P	06/23/2025	17:49	LB136236
CCB06	Lead	2.30	+/-6	U	12.0	P	06/23/2025	18:43	LB136236
CCB07	Lead	2.30	+/-6	U	12.0	P	06/23/2025	19:28	LB136236

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2363

Instrument: P5

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168564BL		**SOLID**		**Batch Number:**	**PB168564**		**Prep Date:**	**06/20/2025**	
	Lead	0.13	<0.3	U	0.60	P	06/23/2025	15:11	LB136236

METAL CALIBRATION DATA

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Lead	3950	4000	99	90 - 110	P	06/23/2025	12:34	LB136236

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Lead	14.0	12.0	117	80 - 120	P	06/23/2025	13:09	LB136236

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Lead	5160	5000	103	90 - 110	P	06/23/2025	13:56	LB136236
CCV02	Lead	5120	5000	102	90 - 110	P	06/23/2025	14:54	LB136236
CCV03	Lead	5190	5000	104	90 - 110	P	06/23/2025	15:47	LB136236
CCV04	Lead	5230	5000	105	90 - 110	P	06/23/2025	16:51	LB136236
CCV05	Lead	5210	5000	104	90 - 110	P	06/23/2025	17:45	LB136236
CCV06	Lead	5210	5000	104	90 - 110	P	06/23/2025	18:39	LB136236
CCV07	Lead	5240	5000	105	90 - 110	P	06/23/2025	19:24	LB136236

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

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	11.8	12.0	98	65 - 135	P	06/23/2025	13:23	LB136236

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Lead	-2.35			-12	12	06/23/2025	13:27	LB136236
ICSAB01	Lead	45.9	49.0	94	37	61	06/23/2025	13:43	LB136236

METAL QC DATA

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

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2363

contract: GENV01 **lab code:** CHEM **case no.:** Q2363 **sas no.:** Q2363

matrix: Solid **sample id:** Q2364-02 **client id:** GAV1BMS

Percent Solids for Sample: 85.5 **Spiked ID:** Q2364-02MS **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	56.9		16.0		51.3	80		P

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

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2363

contract: GENV01 **lab code:** CHEM **case no.:** Q2363 **sas no.:** Q2363

matrix: Solid **sample id:** Q2364-02 **client id:** GAV1BMSD

Percent Solids for Sample: 85.5 **Spiked ID:** Q2364-02MSD **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	54.9		16.0		48.7	80		P

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

Metals
- 5b -

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Matrix: Solid **Sample ID:** Q2364-02 **Client ID:** GAV1BDUP

Percent Solids for Sample: 85.5 **Duplicate ID** Q2364-02DUP **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	16.0		7.07		77	*	P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Matrix: Solid **Sample ID:** Q2364-02MS **Client ID:** GAV1BMSD

Percent Solids for Sample: 85.5 **Duplicate ID** Q2364-02MSD **Percent Solids for Spike Sample:** 85.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	56.9		54.9		4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168564BS							
Lead	mg/Kg	50.0	49.0		98	80 - 120	P

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

GAV1BL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb136236 **Lab Sample ID :** Q2364-02L **SDG No.:** Q2363

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Lead	16.0		15.8		2		P

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

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2363 **Sas no.:** Q2363 **Sdg no.:** Q2363

Instrument id number: **Method:** **Run number:** LB136236

Start date: 06/23/2025 **End date:** 06/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1153	Pb
S1	S1	1	1158	Pb
S2	S2	1	1202	Pb
S3	S3	1	1207	Pb
S4	S4	1	1211	Pb
S5	S5	1	1215	Pb
ICV01	ICV01	1	1234	Pb
LLICV01	LLICV01	1	1309	Pb
ICB01	ICB01	1	1319	Pb
CRI01	CRI01	1	1323	Pb
ICSA01	ICSA01	1	1327	Pb
ICSAB01	ICSAB01	1	1343	Pb
CCV01	CCV01	1	1356	Pb
CCB01	CCB01	1	1405	Pb
CCV02	CCV02	1	1454	Pb
CCB02	CCB02	1	1458	Pb
PB168564BL	PB168564BL	1	1511	Pb
PB168564BS	PB168564BS	1	1516	Pb
CCV03	CCV03	1	1547	Pb
CCB03	CCB03	1	1552	Pb
Q2363-01	GCAP1	1	1628	Pb
CCV04	CCV04	1	1651	Pb
CCB04	CCB04	1	1656	Pb
Q2364-02DUP	GAV1BDUP	1	1701	Pb
Q2364-02L	GAV1BL	5	1706	Pb
Q2364-02MS	GAV1BMS	1	1710	Pb
Q2364-02MSD	GAV1BMSD	1	1714	Pb
CCV05	CCV05	1	1745	Pb
CCB05	CCB05	1	1749	Pb
CCV06	CCV06	1	1839	Pb
CCB06	CCB06	1	1843	Pb
CCV07	CCV07	1	1924	Pb
CCB07	CCB07	1	1928	Pb

METAL PREPARATION & INSTRUMENT DATA

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2363 **SAS No.:** Q2363

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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

LAB CHRONICLE

OrderID:	Q2363	**OrderDate:**	6/18/2025 4:03:52 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2363-01	**GCAP1**	**SOIL**			**06/18/25**			**06/18/25**
			Metals Group3	6010D		06/20/25	06/23/25	

METAL PREPARATION & ANALYICAL SUMMARY

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2363

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2363 **SAS No.:** Q2363

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168564**						
PB168564BL	PB168564BL	MB	SOLID	06/20/2025	2.00	100.0	100.00
PB168564BS	PB168564BS	LCS	SOLID	06/20/2025	2.00	100.0	100.00
Q2363-01	GCAP1	SAM	SOLID	06/20/2025	2.21	100.0	85.50
Q2364-02DUP	GAV1BDUP	DUP	SOLID	06/20/2025	2.44	100.0	85.50
Q2364-02MS	GAV1BMS	MS	SOLID	06/20/2025	2.28	100.0	85.50
Q2364-02MSD	GAV1BMSD	MSD	SOLID	06/20/2025	2.40	100.0	85.50

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/23/25 11:53		jaswal	OK
2	S1	S1	CAL2	06/23/25 11:58		jaswal	OK
3	S2	S2	CAL3	06/23/25 12:02		jaswal	OK
4	S3	S3	CAL4	06/23/25 12:07		jaswal	OK
5	S4	S4	CAL5	06/23/25 12:11		jaswal	OK
6	S5	S5	CAL6	06/23/25 12:15		jaswal	OK
7	ICV01	ICV01	ICV	06/23/25 12:34		jaswal	OK
8	LLICV01	LLICV01	LLICV	06/23/25 13:09		jaswal	OK
9	ICB01	ICB01	ICB	06/23/25 13:19		jaswal	OK
10	CRI01	CRI01	CRDL	06/23/25 13:23		jaswal	OK
11	ICSA01	ICSA01	ICSA	06/23/25 13:34		jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/23/25 13:43		jaswal	OK
13	ICSADL	ICSADL	ICSA	06/23/25 13:47		jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/23/25 13:52		jaswal	OK
15	CCV01	CCV01	CCV	06/23/25 13:56		jaswal	OK
16	CCB01	CCB01	CCB	06/23/25 14:05		jaswal	OK
17	Q2347-01	TP-10	SAM	06/23/25 14:09		jaswal	OK
18	Q2354-01	3321	SAM	06/23/25 14:14		jaswal	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2355-01	3897	SAM	06/23/25 14:18		jaswal	OK
20	Q2355-03	20071	SAM	06/23/25 14:22		jaswal	OK
21	PB168553BL	PB168553BL	MB	06/23/25 14:27		jaswal	OK
22	PB168553BS	PB168553BS	LCS	06/23/25 14:31		jaswal	OK
23	PB168535BL	PB168535BL	MB	06/23/25 14:36		jaswal	OK
24	PB168535BS	PB168535BS	LCS	06/23/25 14:40		jaswal	OK
25	PB168514TB	PB168514TB	MB	06/23/25 14:44		jaswal	OK
26	PB168544TB	PB168544TB	MB	06/23/25 14:49		jaswal	OK
27	CCV02	CCV02	CCV	06/23/25 14:54		jaswal	OK
28	CCB02	CCB02	CCB	06/23/25 14:58		jaswal	OK
29	PB168565BL	PB168565BL	MB	06/23/25 15:02		jaswal	OK
30	PB168565BS	PB168565BS	LCS	06/23/25 15:07		jaswal	OK
31	PB168564BL	PB168564BL	MB	06/23/25 15:11		jaswal	OK
32	PB168564BS	PB168564BS	LCS	06/23/25 15:16		jaswal	OK
33	Q2354-02	3321	SAM	06/23/25 15:20		jaswal	OK
34	Q2355-02	3897	SAM	06/23/25 15:25		jaswal	OK
35	Q2362-04	TP-11	SAM	06/23/25 15:29		jaswal	OK
36	Q2362-08	EP-6	SAM	06/23/25 15:34		jaswal	OK
37	Q2367-04	EP-4	SAM	06/23/25 15:38		jaswal	OK
38	Q2367-08	EP-5	SAM	06/23/25 15:43		jaswal	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	CCV03	CCV03	CCV	06/23/25 15:47		jaswal	OK
40	CCB03	CCB03	CCB	06/23/25 15:52		jaswal	OK
41	Q2367-08DUP	EP-5DUP	DUP	06/23/25 15:57		jaswal	OK
42	Q2367-08L	EP-5L	SD	06/23/25 16:02		jaswal	OK
43	Q2367-08MS	EP-5MS	MS	06/23/25 16:06		jaswal	OK
44	Q2367-08MSD	EP-5MSD	MSD	06/23/25 16:11		jaswal	OK
45	Q2367-08A	EP-5A	PS	06/23/25 16:15		jaswal	OK
46	Q2362-01	TP-11	SAM	06/23/25 16:20		jaswal	OK
47	Q2362-05	EP-6	SAM	06/23/25 16:24		jaswal	OK
48	Q2363-01	GCAP1	SAM	06/23/25 16:28		jaswal	OK
49	Q2364-01	GAV1A	SAM	06/23/25 16:33		jaswal	OK
50	Q2364-02	GAV1B	SAM	06/23/25 16:37		jaswal	OK
51	CCV04	CCV04	CCV	06/23/25 16:51		jaswal	OK
52	CCB04	CCB04	CCB	06/23/25 16:56		jaswal	OK
53	Q2364-02DUP	GAV1BDUP	DUP	06/23/25 17:01		jaswal	OK
54	Q2364-02L	GAV1BL	SD	06/23/25 17:06		jaswal	OK
55	Q2364-02MS	GAV1BMS	MS	06/23/25 17:10		jaswal	OK
56	Q2364-02MSD	GAV1BMSD	MSD	06/23/25 17:14		jaswal	OK
57	Q2364-02A	GAV1BA	PS	06/23/25 17:19		jaswal	OK
58	Q2364-03	GAV2A	SAM	06/23/25 17:23		jaswal	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	Q2364-04	GAV2B	SAM	06/23/25 17:27	Zn high	jaswal	Dilution
60	Q2367-01	EP-4	SAM	06/23/25 17:32		jaswal	OK
61	Q2367-05	EP-5	SAM	06/23/25 17:36		jaswal	OK
62	Q2371-04	RPXY42025	SAM	06/23/25 17:41		jaswal	OK
63	CCV05	CCV05	CCV	06/23/25 17:45		jaswal	OK
64	CCB05	CCB05	CCB	06/23/25 17:49		jaswal	OK
65	Q2371-05	BBX42025	SAM	06/23/25 17:54		jaswal	OK
66	PB168551BL	PB168551BL	MB	06/23/25 17:58	Not Use	jaswal	Not Ok
67	PB168551BS	PB168551BS	LCS	06/23/25 18:03	Not Use	jaswal	Not Ok
68	Q2351-01	FAIRLAWN-SUMP	SAM	06/23/25 18:07		jaswal	OK
69	Q2354-05	3311	SAM	06/23/25 18:12	K oversaturated	jaswal	Dilution
70	Q2344-01	MW-1	SAM	06/23/25 18:16		jaswal	OK
71	Q2344-02	MW-1	SAM	06/23/25 18:20		jaswal	OK
72	Q2344-03	MW-3	SAM	06/23/25 18:25		jaswal	OK
73	Q2344-04	MW-3	SAM	06/23/25 18:30		jaswal	OK
74	Q2344-05	MW-4	SAM	06/23/25 18:34		jaswal	OK
75	CCV06	CCV06	CCV	06/23/25 18:39		jaswal	OK
76	CCB06	CCB06	CCB	06/23/25 18:43		jaswal	OK
77	Q2344-06	MW-4	SAM	06/23/25 18:48		jaswal	OK
78	Q2344-07	MW-2	SAM	06/23/25 18:52		jaswal	OK

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136236

Review By	jaswal	Review On	6/24/2025 4:50:49 AM
Supervise By	Janvi	Supervise On	6/25/2025 8:43:58 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

79	Q2344-07DUP	MW-2DUP	DUP	06/23/25 18:57		jaswal	OK
80	Q2344-07L	MW-2L	SD	06/23/25 19:02		jaswal	OK
81	Q2344-07MS	MW-2MS	MS	06/23/25 19:06		jaswal	OK
82	Q2344-07MSD	MW-2MSD	MSD	06/23/25 19:10		jaswal	OK
83	Q2344-07A	MW-2A	PS	06/23/25 19:15		jaswal	OK
84	Q2344-08	MW-2	SAM	06/23/25 19:19		jaswal	OK
85	CCV07	CCV07	CCV	06/23/25 19:24		jaswal	OK
86	CCB07	CCB07	CCB	06/23/25 19:28		jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168564

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 06/20/2025 **Time :** 10:05 **Temp :** 96 °C

End Digest Date: 06/20/2025 **Time :** 12:10 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SLS.

Supervisor Signature: JSP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6162
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/20/25 13:10	SLS. met. dig	JSP Metlab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168564

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168564BL	PBS564	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168564BS	LCS564	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6015	2
Q2362-01	TP-11	N/A	2.16	100	Brown	Yellow	Medium	N/A	N/A	3
Q2362-05	EP-6	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	4
Q2363-01	GCAP1	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	5
Q2364-01	GAV1A	N/A	2.41	100	Brown	Yellow	Medium	N/A	N/A	6
Q2364-02	GAV1B	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	7
Q2364-02MS	GAV1BMS	N/A	2.28	100	Brown	Yellow	Medium	N/A	M6007,M6015	9
Q2364-02MSD	GAV1BMSD	N/A	2.40	100	Brown	Yellow	Medium	N/A	M6007,M6015	10
Q2364-02DUP	GAV1BDUP	N/A	2.44	100	Brown	Yellow	Medium	N/A	N/A	8
Q2364-03	GAV2A	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	11
Q2364-04	GAV2B	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	12
Q2367-01	EP-4	N/A	2.29	100	Brown	Yellow	Medium	N/A	N/A	13
Q2367-05	EP-5	N/A	2.49	100	Brown	Yellow	Medium	N/A	N/A	14
Q2371-04	RPXY42025	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	15
Q2371-05	BBXY42025	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	16