

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062477.D
 Acq On : 19 Dec 2024 15:56
 Operator : MD/SY
 Sample : P5309-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:39:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

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

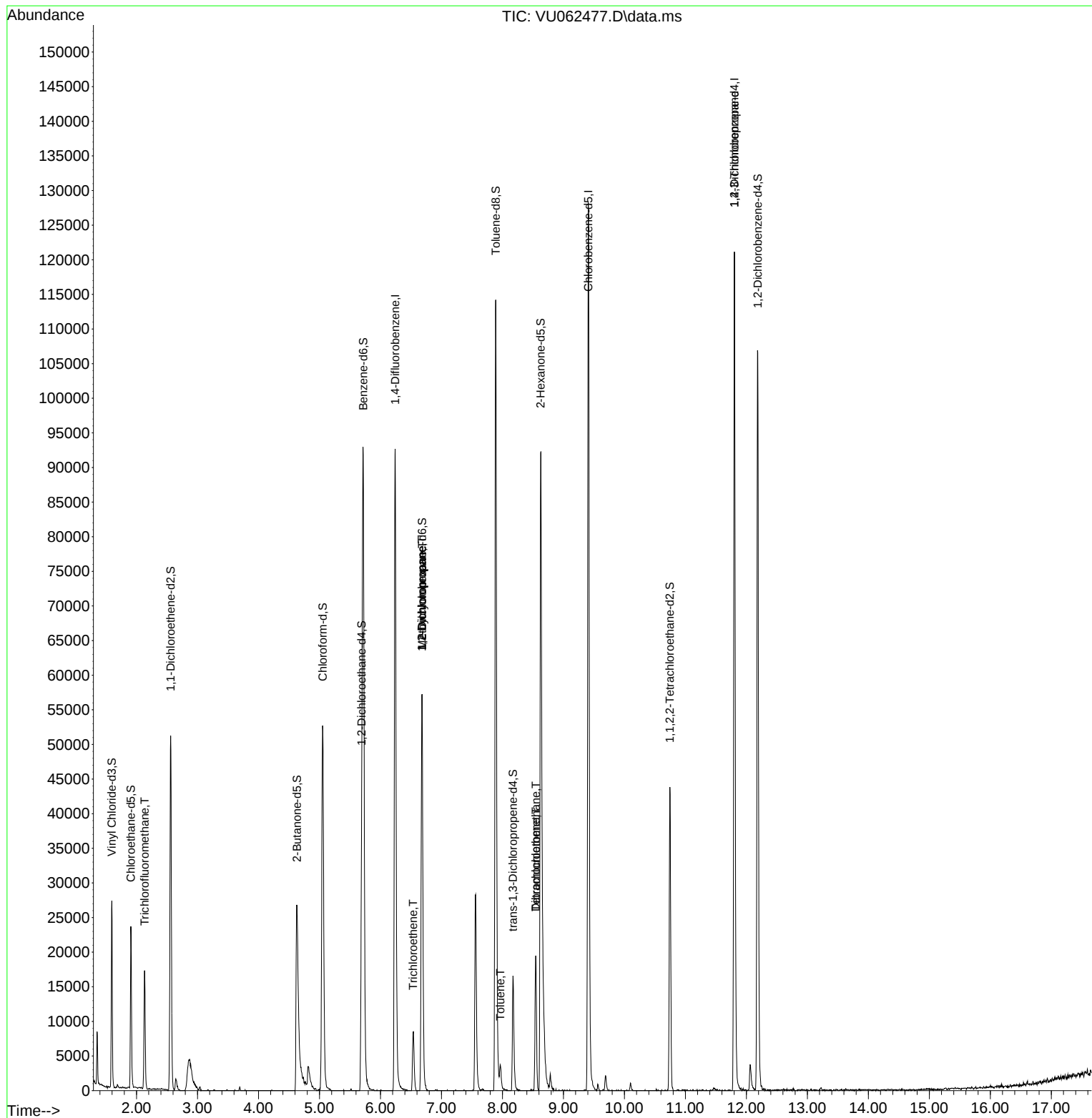
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	75545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18515	3.474	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.907	69	15956	4.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	10159	4.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.631	46	45038	44.098	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.200%
24) Chloroform-d	5.052	84	52240	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	28254	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.717	84	89204	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.682	67	26442	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	81346	3.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.174	79	11068	4.039	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.627	63	31566	38.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20800	4.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	31149	4.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	10946	1.044	ug/L	93
34) Trichloroethene	6.534	95	3473	0.524	ug/L	94
35) Methylcyclohexane	6.682	83	7372	0.750	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3253	0.571	ug/L #	87
42) Toluene	7.965	91	2899	0.115	ug/L	98
47) Tetrachloroethene	8.547	164	4731	0.924	ug/L	93
49) Dibromochloromethane	8.547	129	4281	0.823	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3426	1.070	ug/L #	66

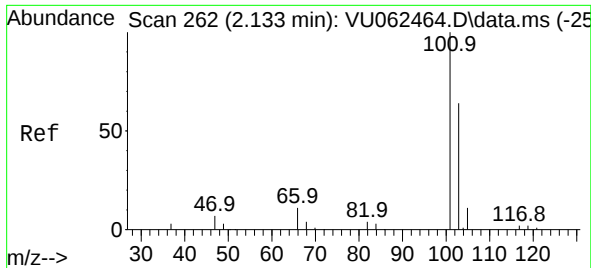
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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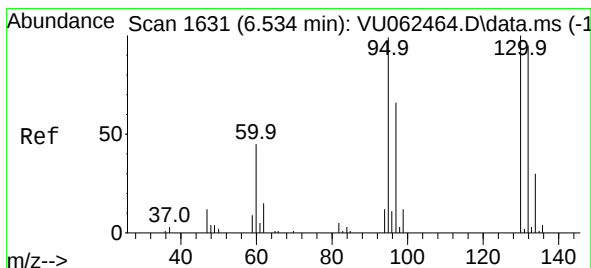
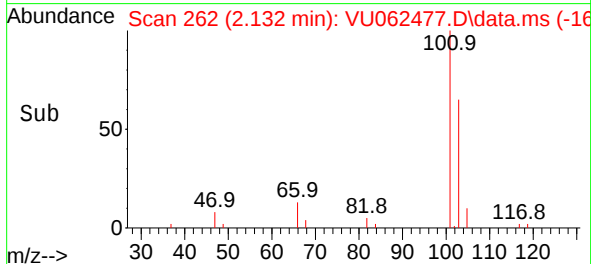
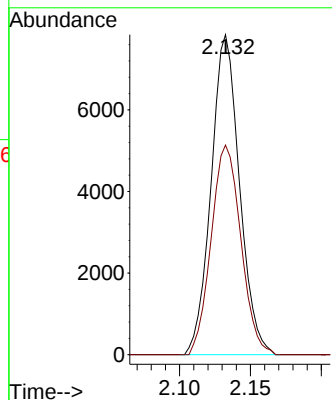
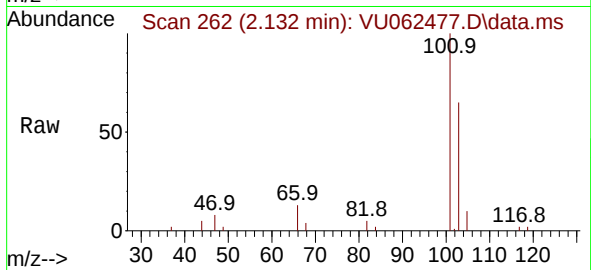




#9
Trichlorofluoromethane
Concen: 1.044 ug/L
RT: 2.132 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU062477.D
Acq: 19 Dec 2024 15:56

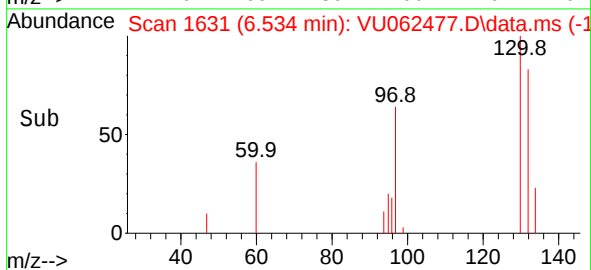
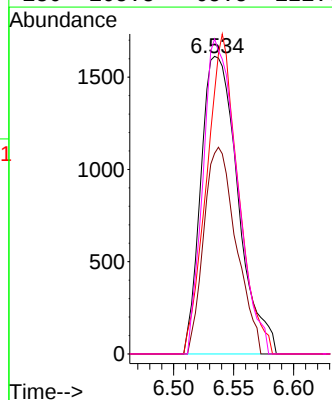
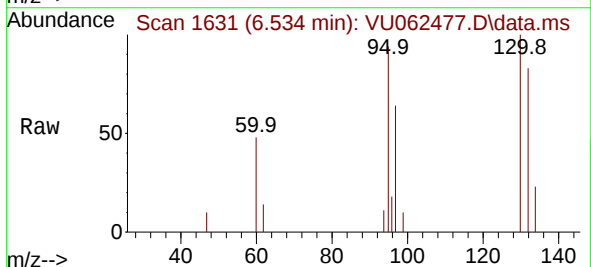
Instrument :
MSVOA_U
ClientSampleId :

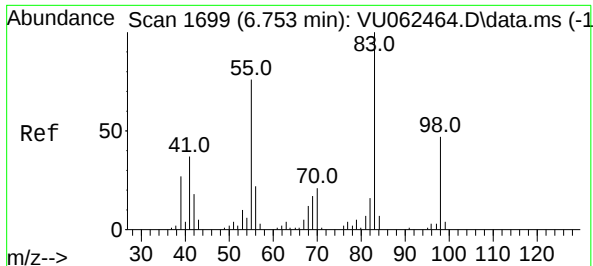
Tgt Ion:101 Resp: 10946
Ion Ratio Lower Upper
101 100
103 68.4 50.6 75.8



#34
Trichloroethene
Concen: 0.524 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062477.D
Acq: 19 Dec 2024 15:56

Tgt Ion: 95 Resp: 3473
Ion Ratio Lower Upper
95 100
97 67.4 45.9 85.3
132 88.1 63.8 118.4
130 105.8 65.5 121.7





#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062477.D

Acq: 19 Dec 2024 15:56

Instrument :

MSVOA_U

ClientSampleId :

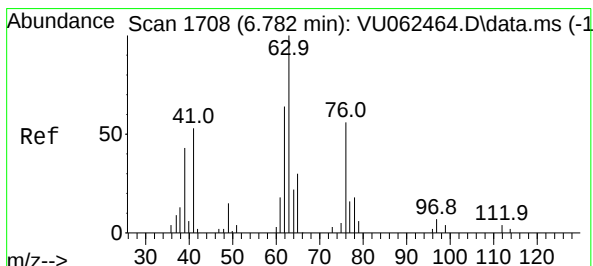
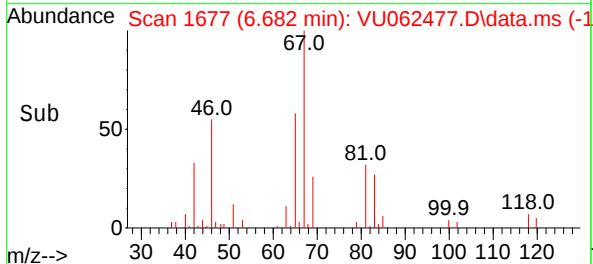
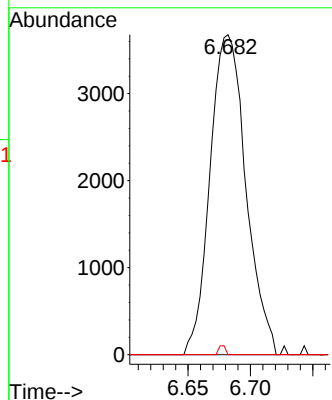
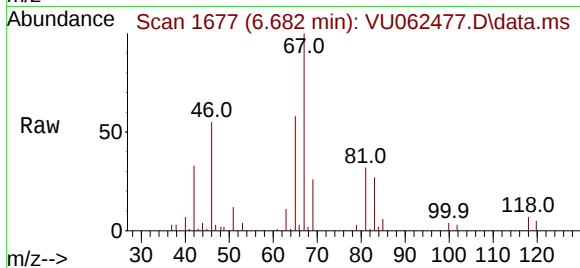
Tgt Ion: 83 Resp: 7372

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.5 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU062477.D

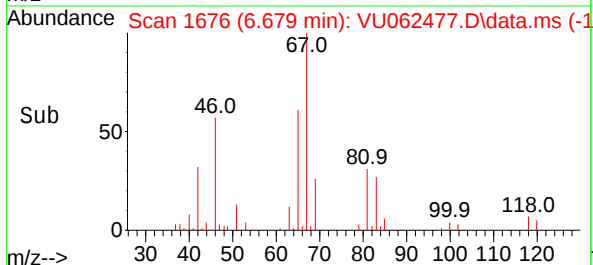
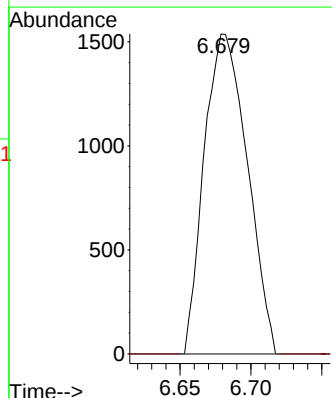
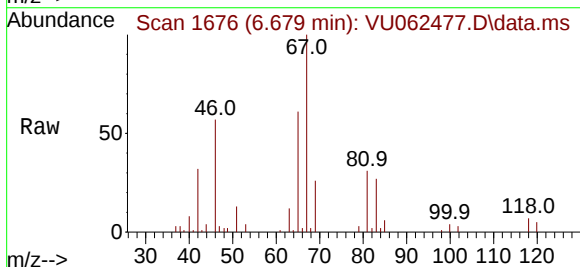
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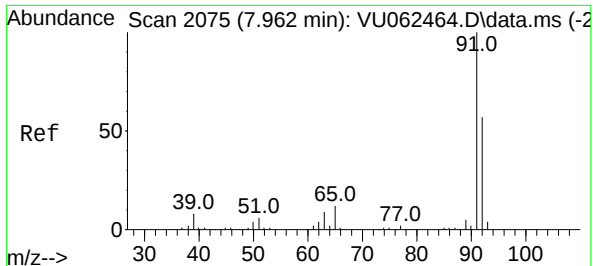
Tgt Ion: 63 Resp: 3253

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.115 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062477.D

Acq: 19 Dec 2024 15:56

Instrument :

MSVOA_U

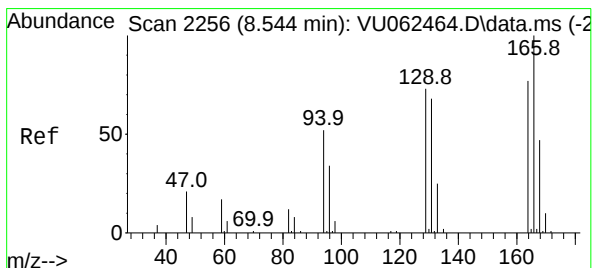
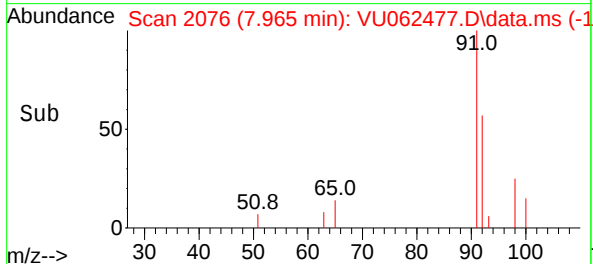
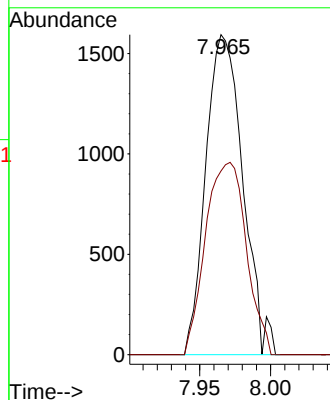
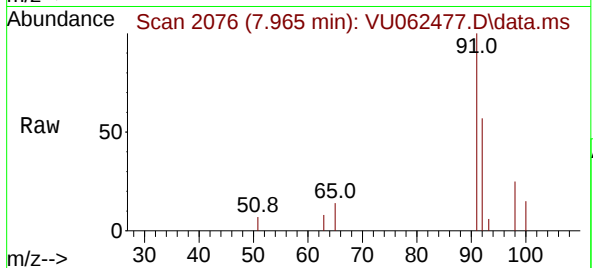
ClientSampleId :

Tgt Ion: 91 Resp: 2899

Ion Ratio Lower Upper

91 100

92 57.4 39.0 72.4



#47

Tetrachloroethene

Concen: 0.924 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU062477.D

Acq: 19 Dec 2024 15:56

Tgt Ion: 164 Resp: 4731

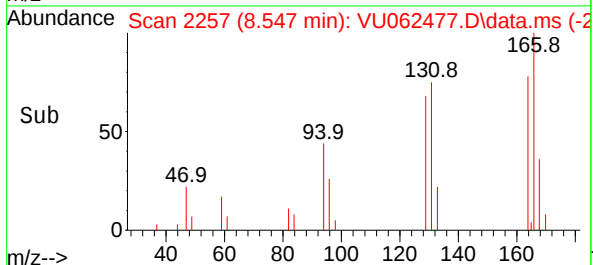
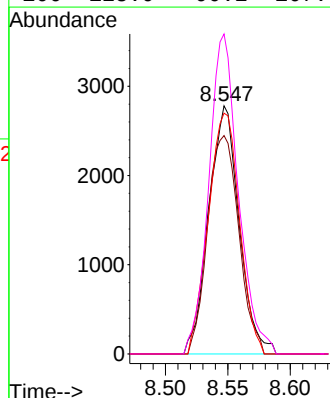
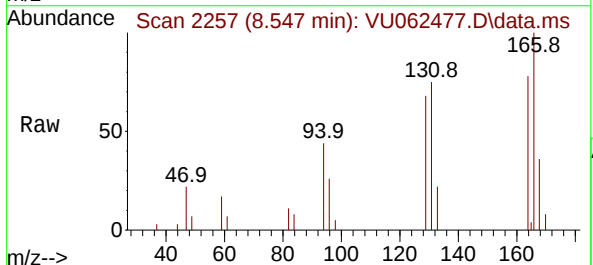
Ion Ratio Lower Upper

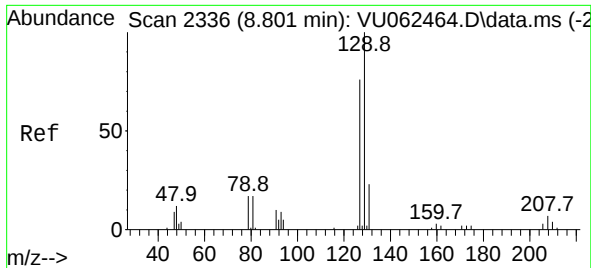
164 100

129 88.0 73.2 136.0

131 97.0 72.3 134.3

166 128.9 90.2 167.4





#49

Dibromochloromethane

Concen: 0.823 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062477.D

Acq: 19 Dec 2024 15:56

Instrument :

MSVOA_U

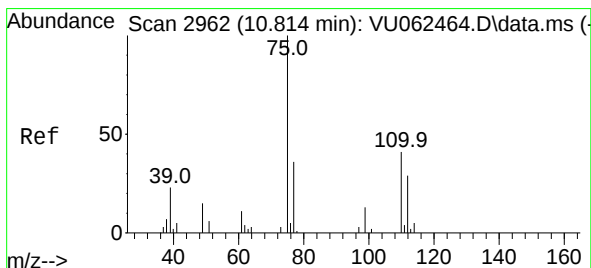
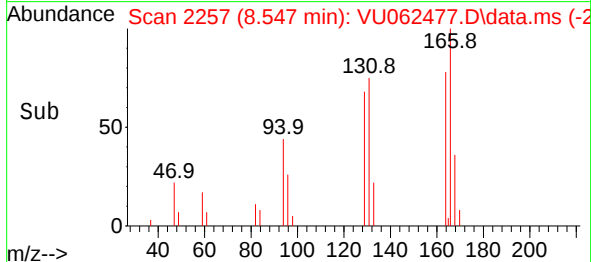
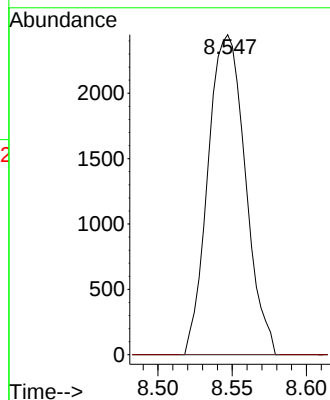
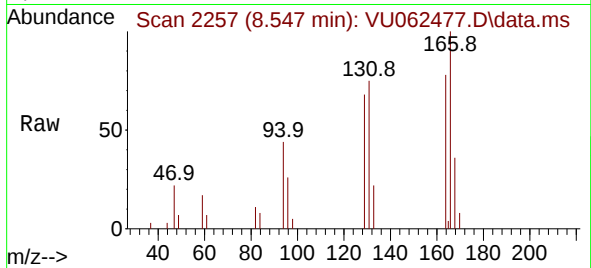
ClientSampleId :

Tgt Ion:129 Resp: 4281

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.070 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062477.D

Acq: 19 Dec 2024 15:56

Tgt Ion: 75 Resp: 3426

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 35.8 26.5 39.7

