

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061798.D
 Acq On : 17 Nov 2024 20:52
 Operator : MD/SY
 Sample : P4829-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:09:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

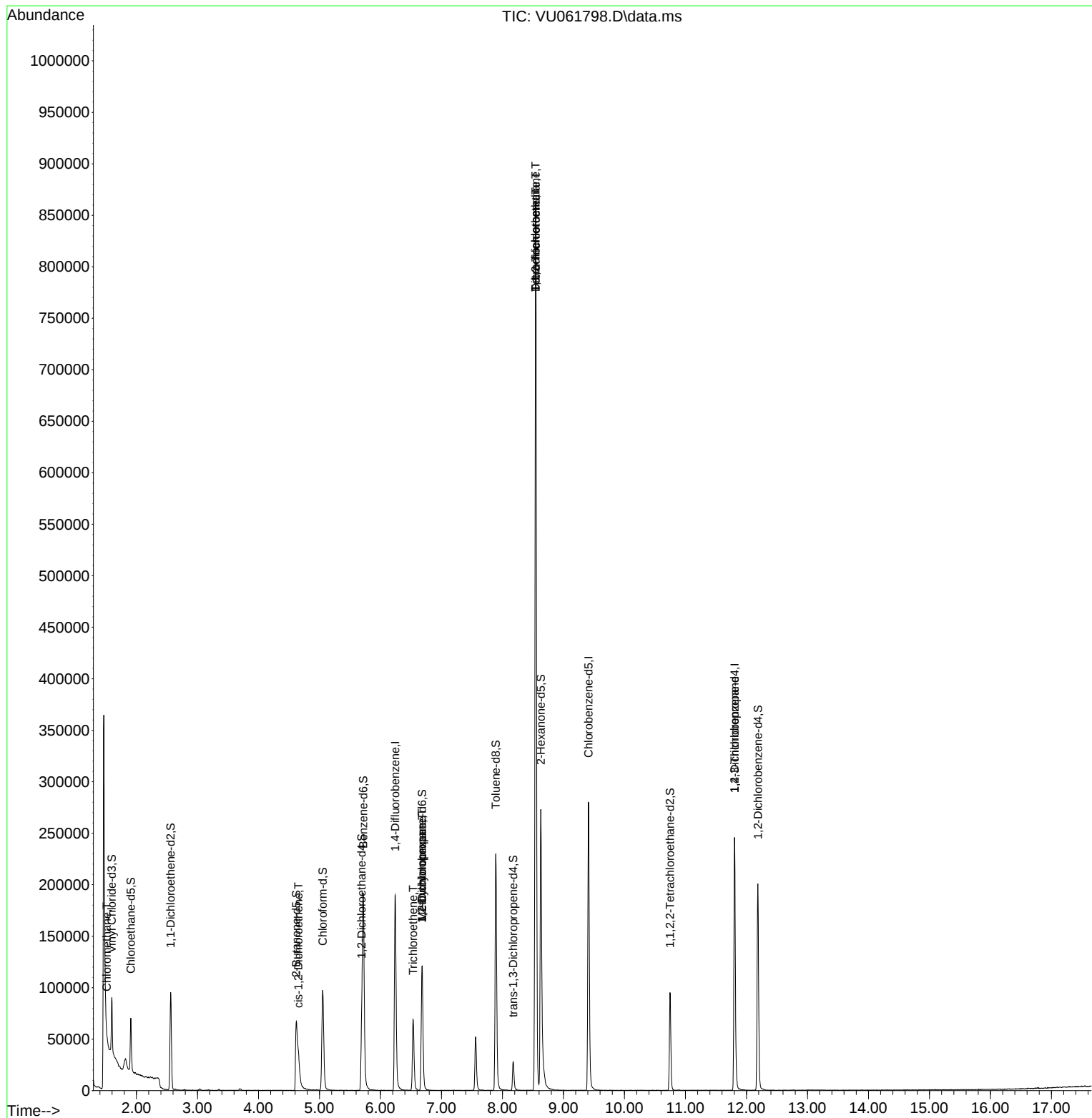
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36116	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.908	69	37196	4.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.560	65	18039	3.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.618	46	108159	47.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.540%
24) Chloroform-d	5.052	84	93817	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.692	65	48593	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.718	84	189950	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	60011	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	163805	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.177	79	17386	3.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.627	63	97966	50.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49336	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	57653	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1566	0.139	ug/L #	41
22) cis-1,2-Dichloroethene	4.657	96	9681	0.777	ug/L	93
34) Trichloroethene	6.534	95	24866	1.880	ug/L	94
35) Methylcyclohexane	6.682	83	14322	0.718	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	6413	0.516	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	1611	0.178	ug/L #	11
47) Tetrachloroethene	8.544	164	188145	18.930	ug/L	98
49) Dibromochloromethane	8.544	129	183982	19.368	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	8948	1.383	ug/L #	63

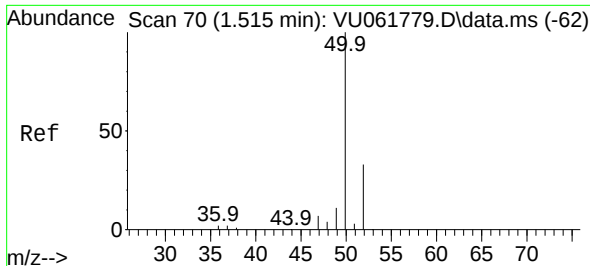
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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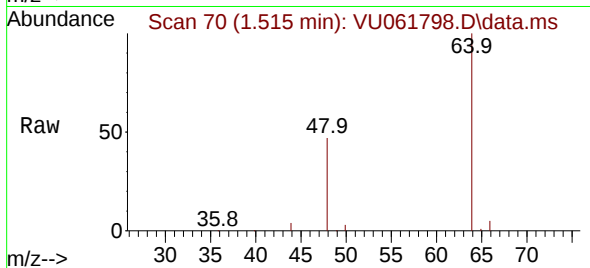
Quant Time: Nov 18 00:09:16 2024
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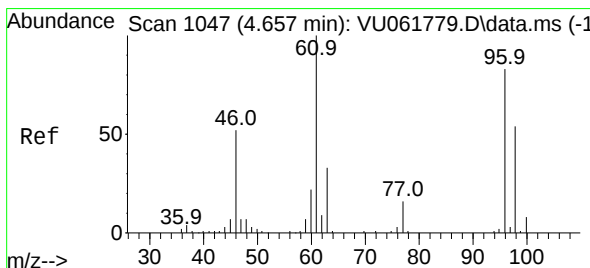
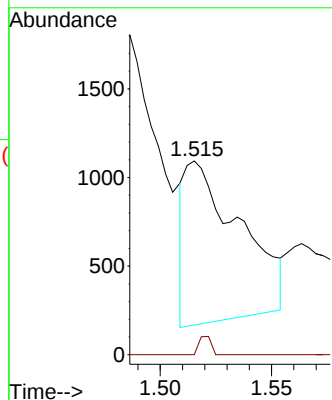
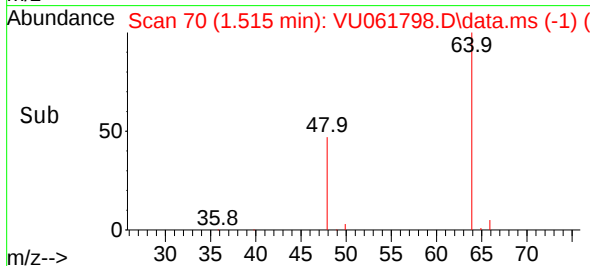


#3
Chloromethane
Concen: 0.139 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061798.D
Acq: 17 Nov 2024 20:52

Instrument :
MSVOA_U
ClientSampleId :

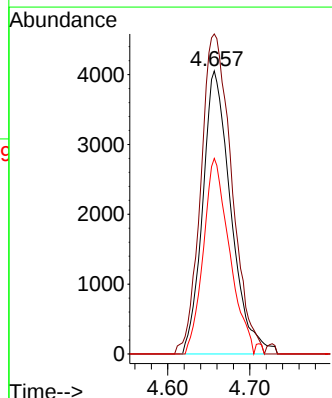
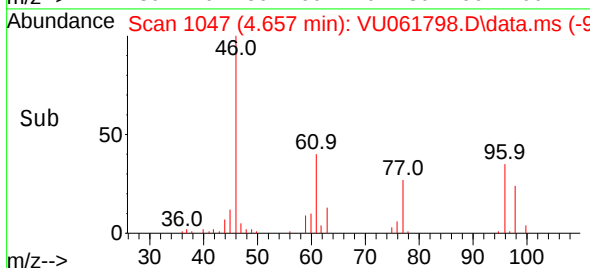
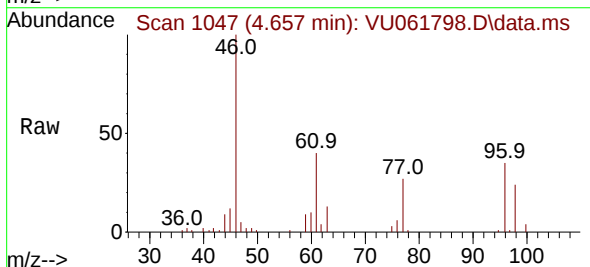


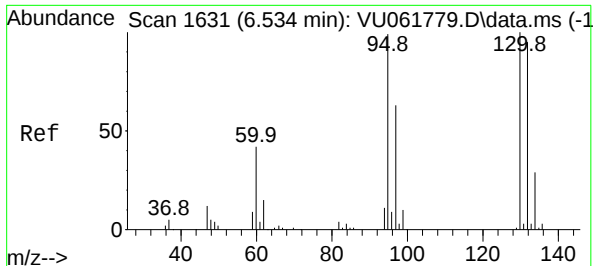
Tgt Ion: 50 Resp: 1566
Ion Ratio Lower Upper
50 100
52 0.0 23.2 43.2#



#22
cis-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061798.D
Acq: 17 Nov 2024 20:52

Tgt Ion: 96 Resp: 9681
Ion Ratio Lower Upper
96 100
61 113.1 85.6 159.0
98 69.1 45.6 84.8





#34

Trichloroethene

Concen: 1.880 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061798.D

Acq: 17 Nov 2024 20:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 24866

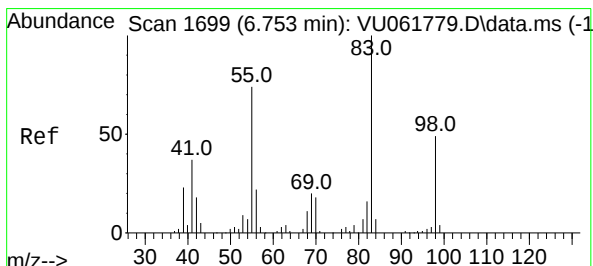
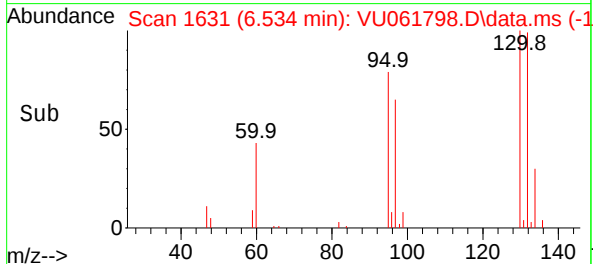
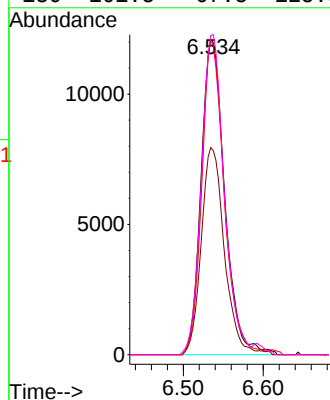
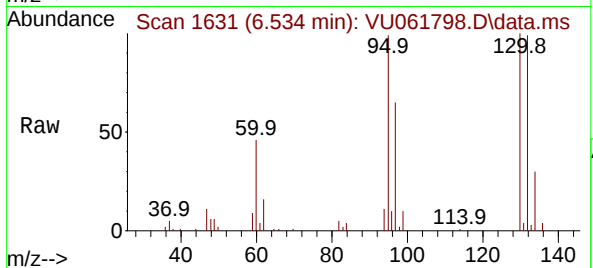
Ion Ratio Lower Upper

95 100

97 65.8 43.5 80.9

132 100.1 65.2 121.0

130 101.5 67.5 125.3



#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061798.D

Acq: 17 Nov 2024 20:52

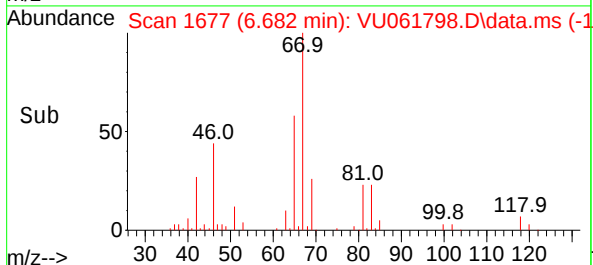
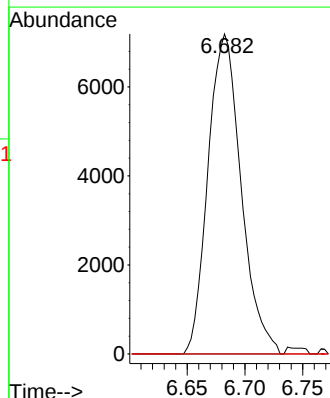
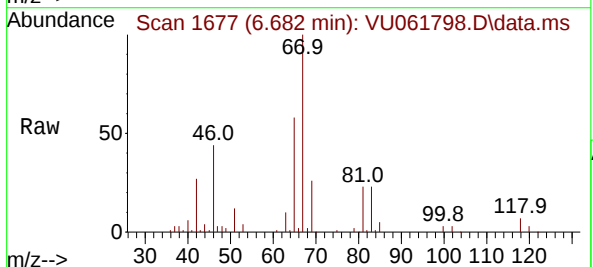
Tgt Ion: 83 Resp: 14322

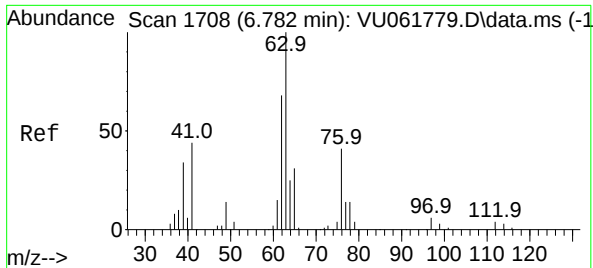
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 0.0 37.7 56.5#

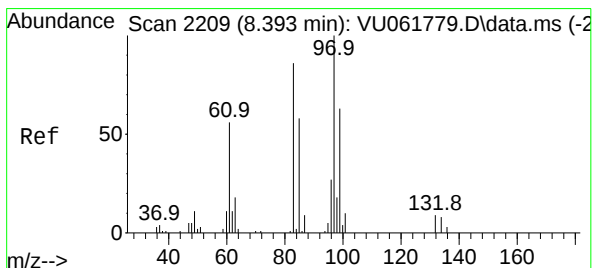
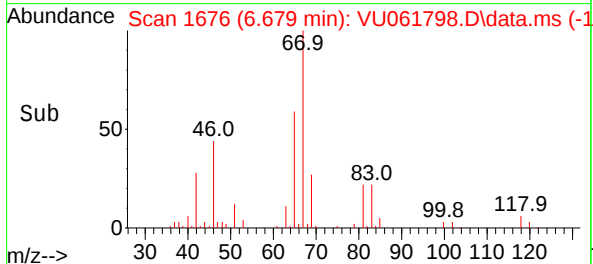
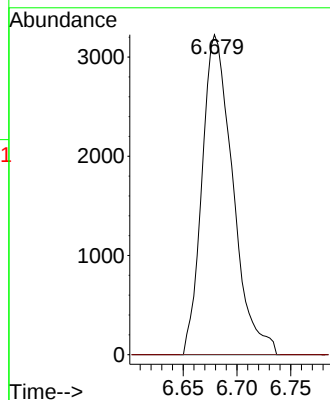
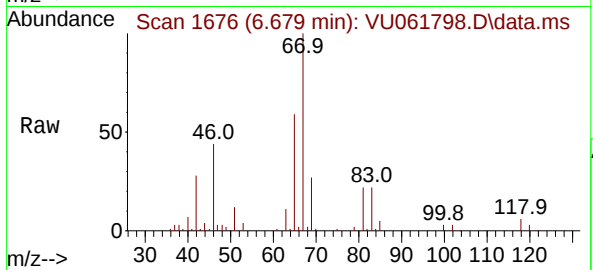




#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061798.D
Acq: 17 Nov 2024 20:52

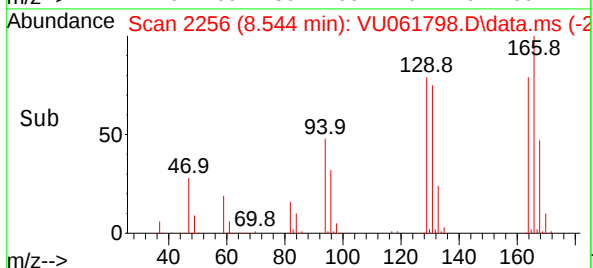
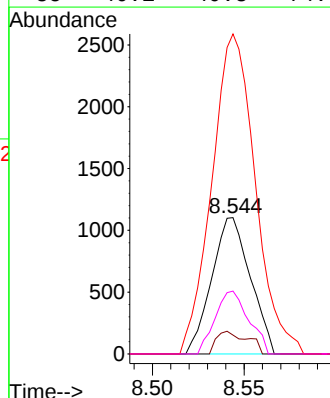
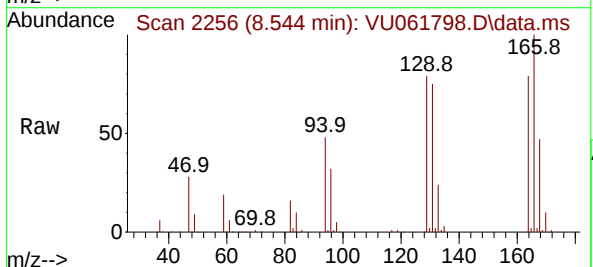
Instrument :
MSVOA_U
ClientSampleId :

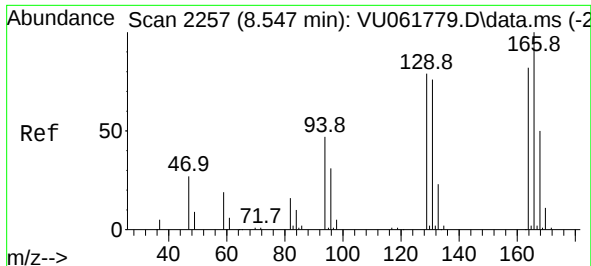
Tgt Ion: 63 Resp: 6413
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#45
1,1,2-Trichloroethane
Concen: 0.178 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU061798.D
Acq: 17 Nov 2024 20:52

Tgt Ion: 97 Resp: 1611
Ion Ratio Lower Upper
97 100
99 13.8 43.8 81.3#
83 234.7 63.2 117.4#
85 46.1 40.3 74.8





#47

Tetrachloroethene

Concen: 18.930 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061798.D

Acq: 17 Nov 2024 20:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 188145

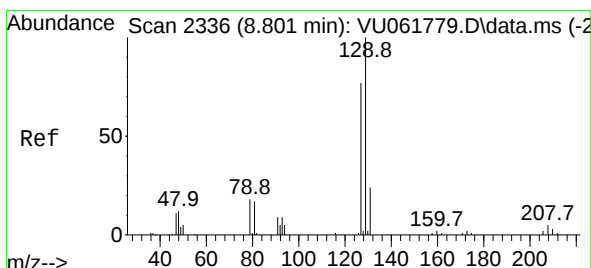
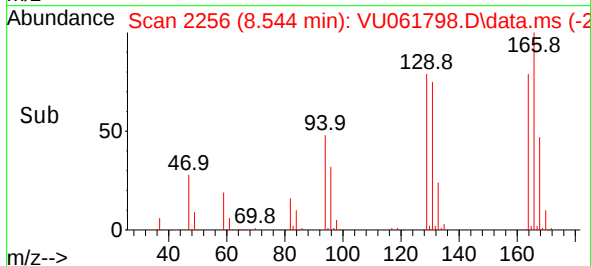
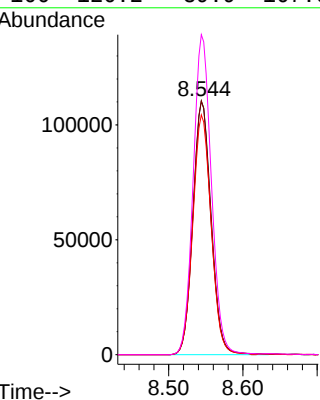
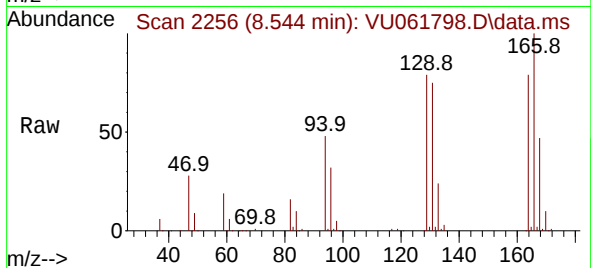
Ion Ratio Lower Upper

164 100

129 100.0 71.7 133.3

131 94.5 68.2 126.6

166 126.2 89.9 167.0



#49

Dibromochloromethane

Concen: 19.368 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061798.D

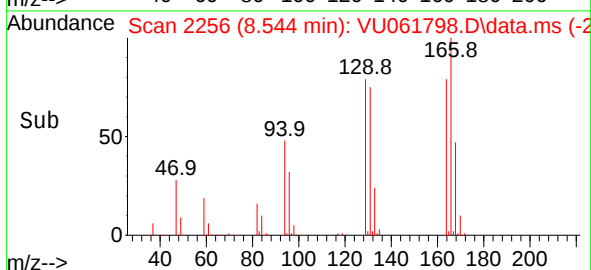
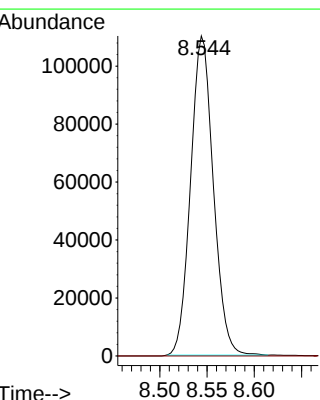
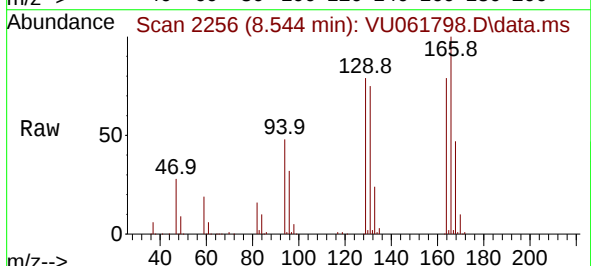
Acq: 17 Nov 2024 20:52

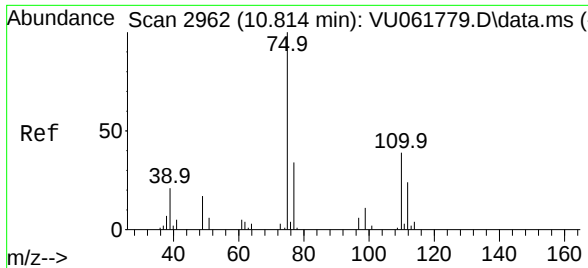
Tgt Ion:129 Resp: 183982

Ion Ratio Lower Upper

129 100

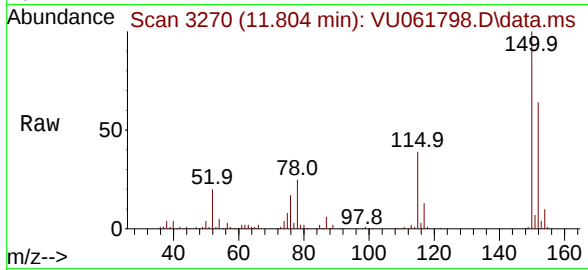
127 0.0 55.1 102.3#





#61
1,2,3-Trichloropropane
Concen: 1.383 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061798.D
Acq: 17 Nov 2024 20:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	8948
Ion	Ratio	Lower	Upper
75	100		
110	1.3	31.3	46.9#
77	28.0	26.0	39.0

