

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017712.D
 Acq On : 23 Dec 2020 15:14
 Operator : SY/VA
 Sample : L5189-01
 Misc : 5.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 22

Quant Time: Dec 24 01:37:06 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

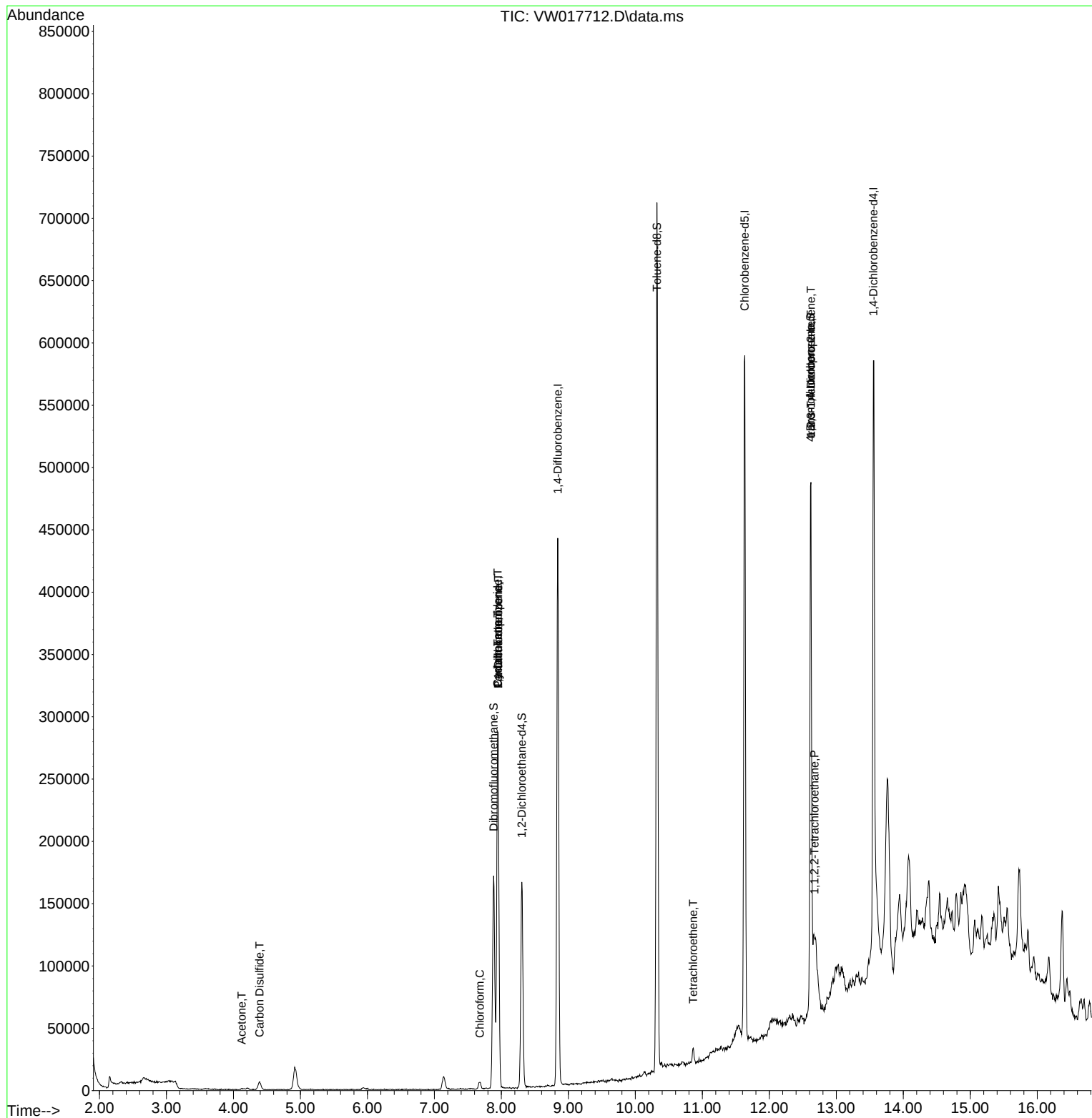
Internal Standards						
1) Pentafluorobenzene	7.951	168	207087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	357264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	303863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	114772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	131602	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.884	113	115911	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	10.323	98	445553	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.615	95	141825	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.178	59	151	Below Cal	#	82
16) Acetone	4.123	43	1078	1.96	ug/l #	76
17) Carbon Disulfide	4.391	76	13373	1.96	ug/l	98
26) 2,2-Dichloropropane	7.135	77	633	Below Cal	#	50
30) Chloroform	7.677	83	5679	1.25	ug/l	88
31) Cyclohexane	7.945	56	5762	1.32	ug/l #	47
36) 1,1-Dichloropropene	7.951	75	17633	4.71	ug/l #	40
38) Carbon Tetrachloride	7.945	117	22155	5.89	ug/l #	13
64) Tetrachloroethene	10.866	164	2325	1.12	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.676	83	21475	14.19	ug/l #	29
76) 1,2,3-Trichloropropane	12.621	75	73333	66.37	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	73333	134.48	ug/l #	11

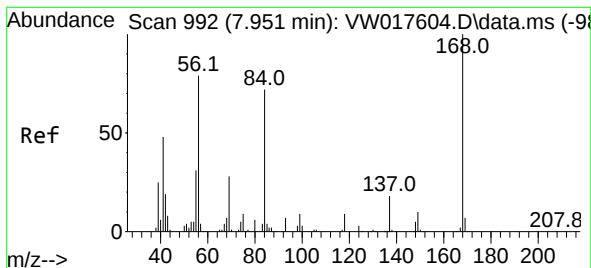
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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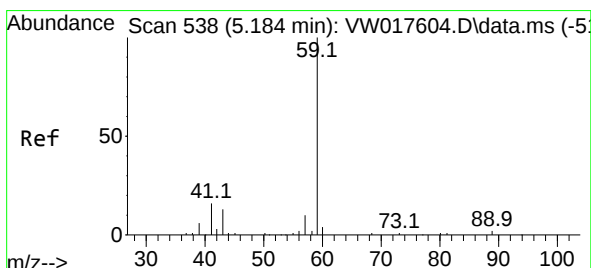
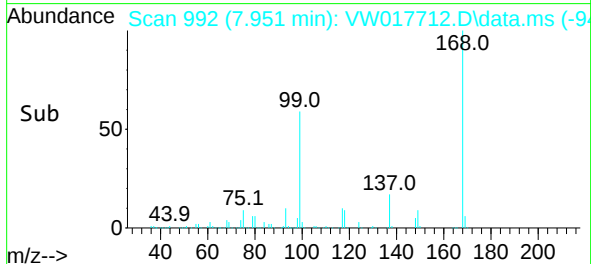
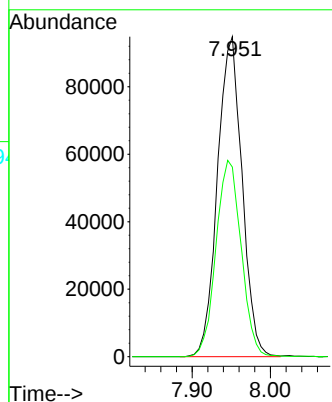
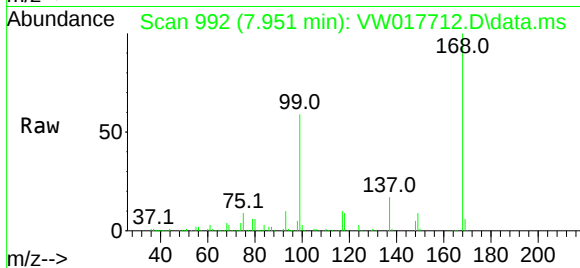




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

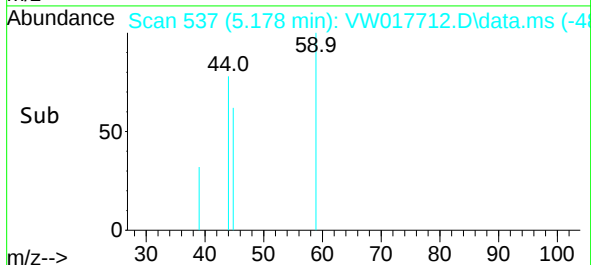
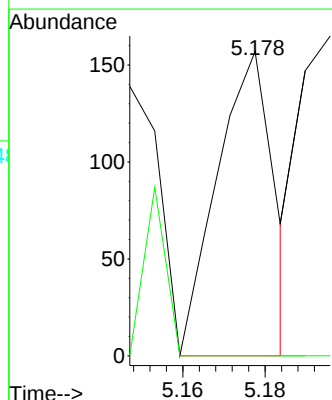
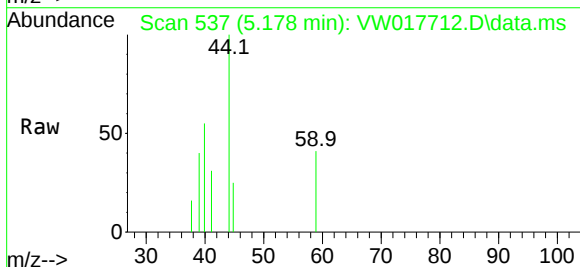
Instrument :
MSVOA_W
ClientSampled :
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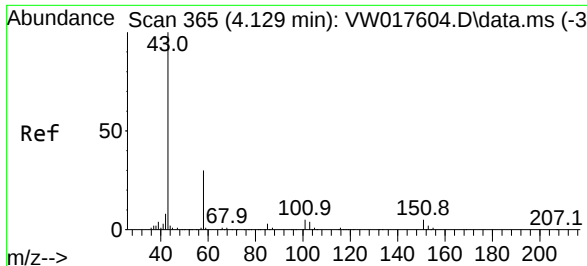
Tgt Ion:168 Resp: 207087
Ion Ratio Lower Upper
168 100
99 59.3 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

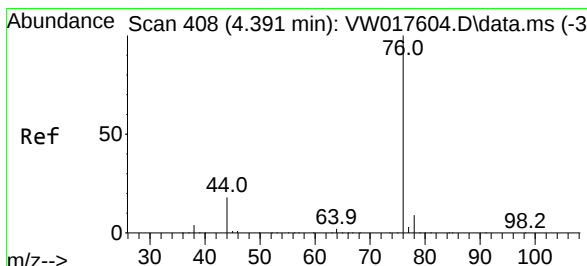
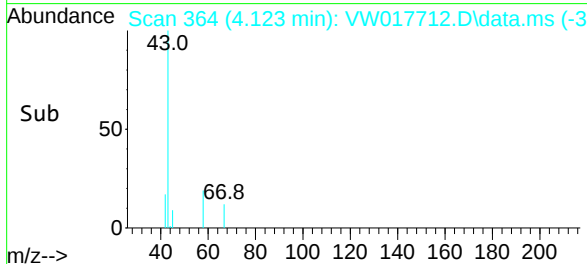
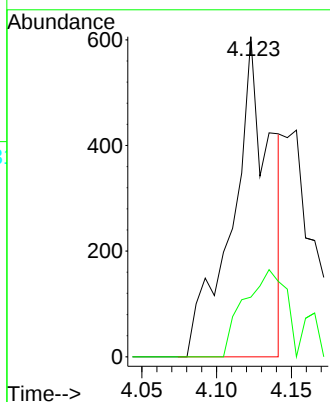
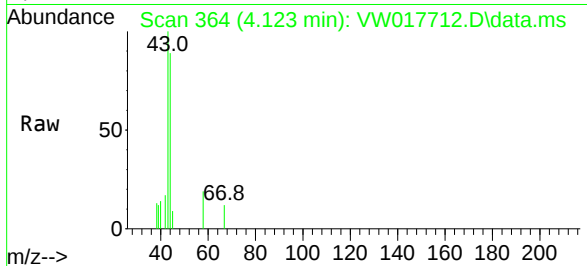




#16
Acetone
Concen: 1.96 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

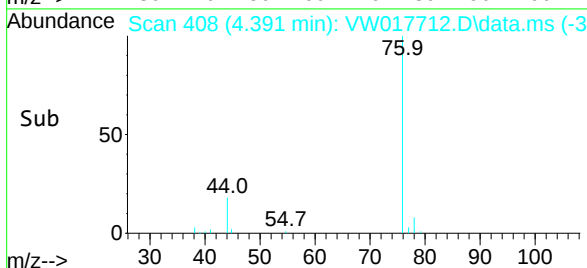
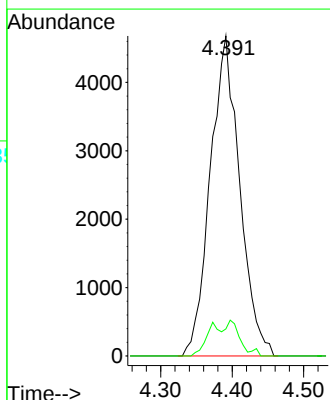
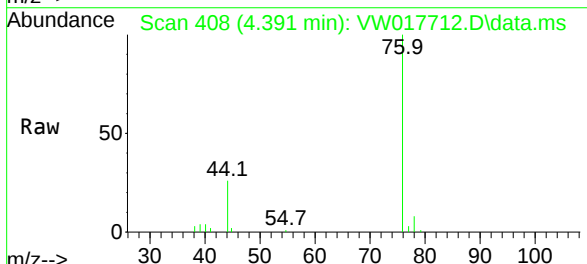
Instrument :
MSVOA_W
ClientSampleId :
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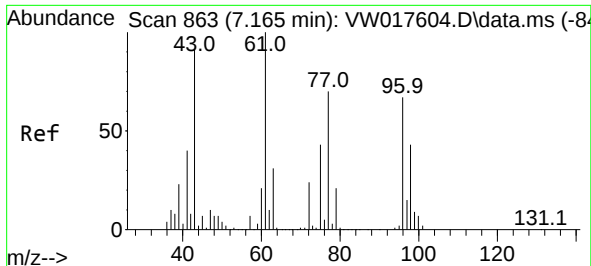
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 18.6 25.7 38.5#



#17
Carbon Disulfide
Concen: 1.96 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 76 Resp: 13373
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

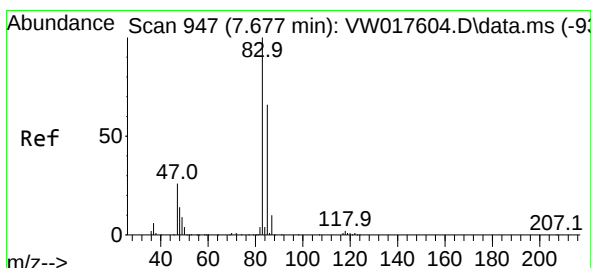
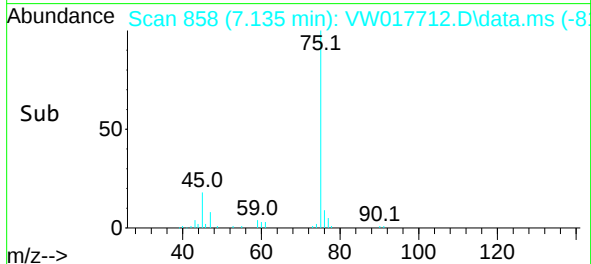
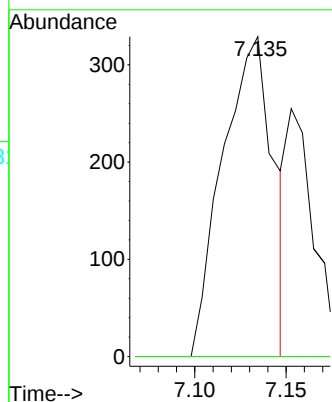
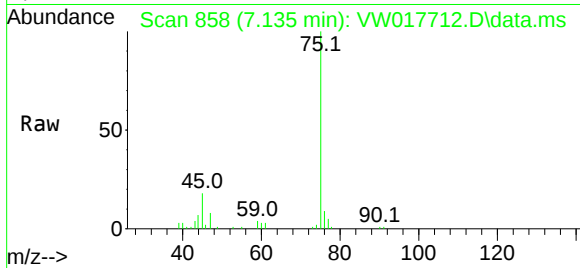




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

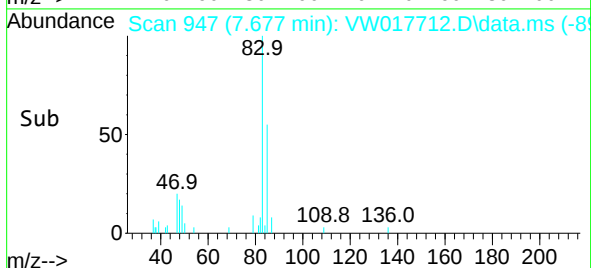
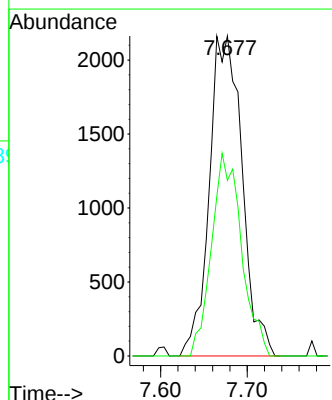
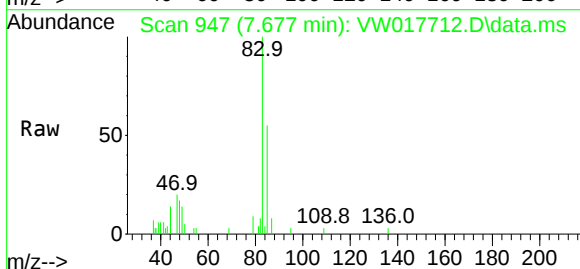
Instrument :
MSVOA_W
ClientSampled :
22

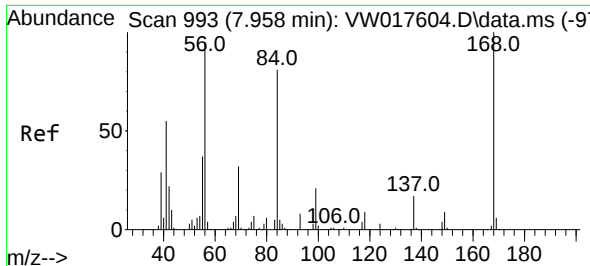
Tgt Ion: 77 Resp: 633
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#30
Chloroform
Concen: 1.25 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 83 Resp: 5679
Ion Ratio Lower Upper
83 100
85 54.9 51.7 77.5

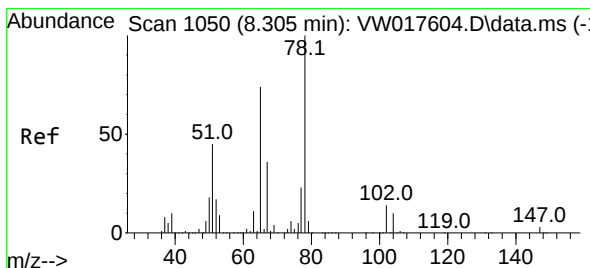
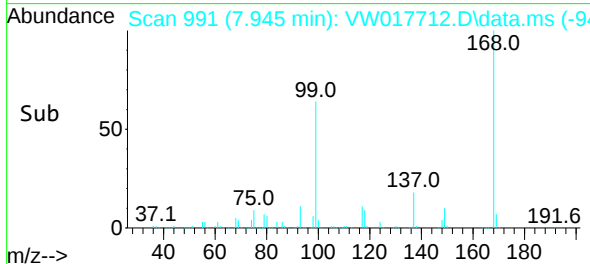
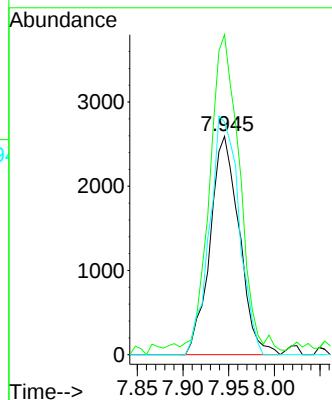
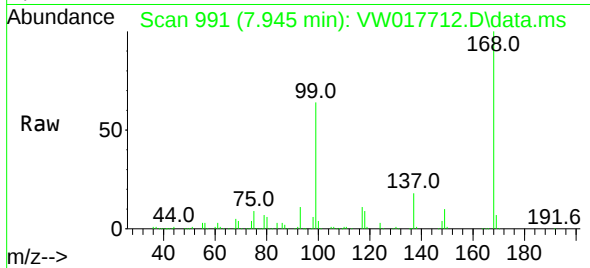




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

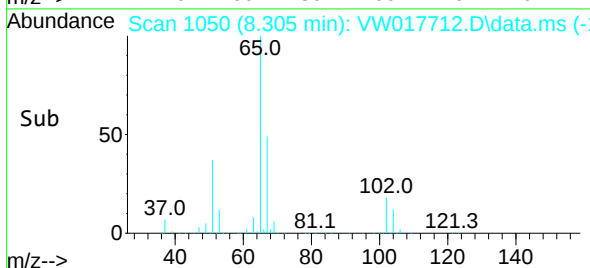
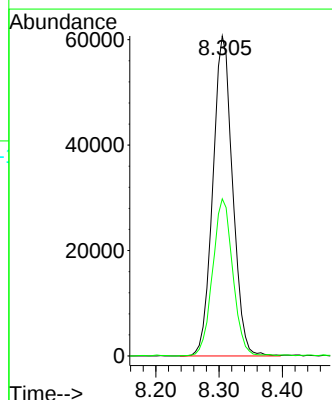
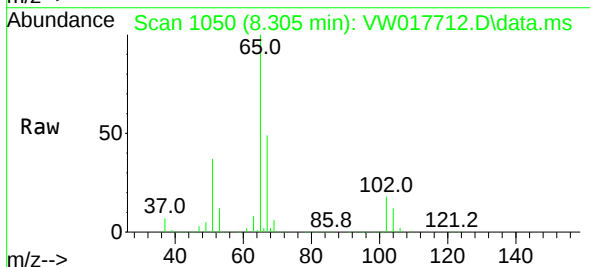
Instrument :
MSVOA_W
ClientSampleId :
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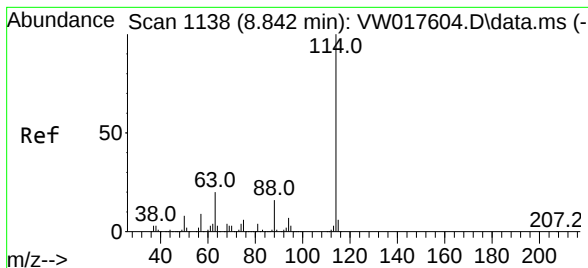
Tgt Ion: 56 Resp: 5762
Ion Ratio Lower Upper
56 100
69 144.3 29.3 43.9#
84 106.6 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 52.17 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 65 Resp: 131602
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.8

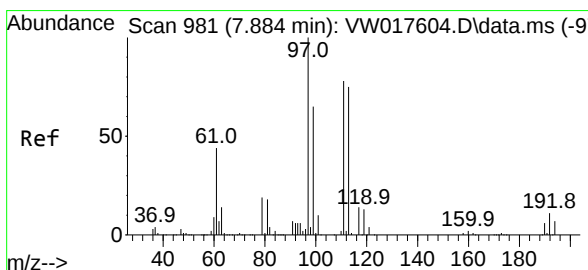
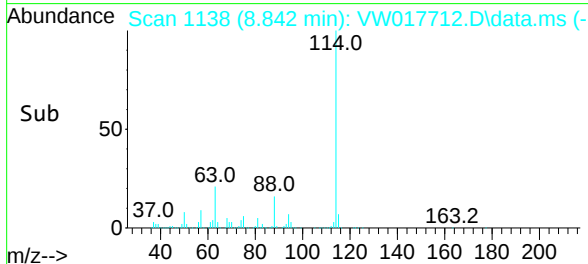
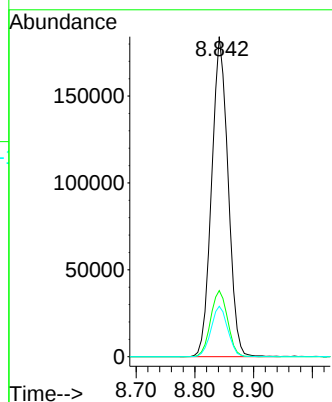
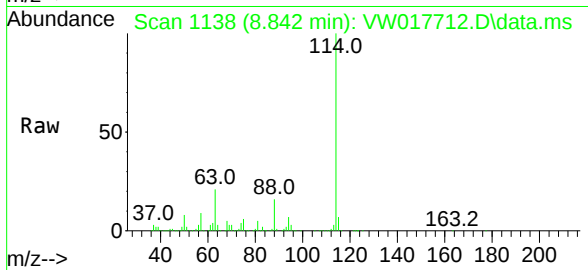




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

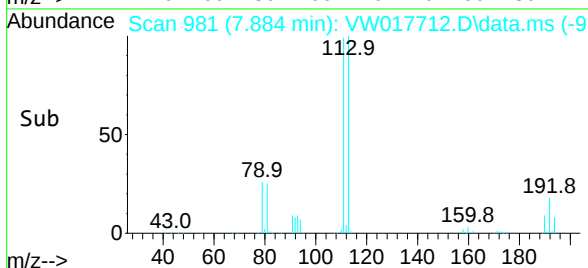
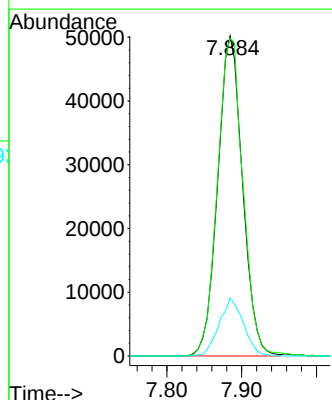
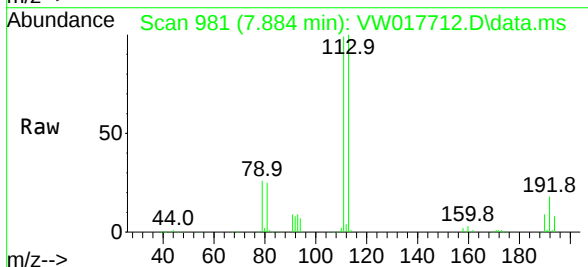
Instrument :
MSVOA_W
ClientSampleId :
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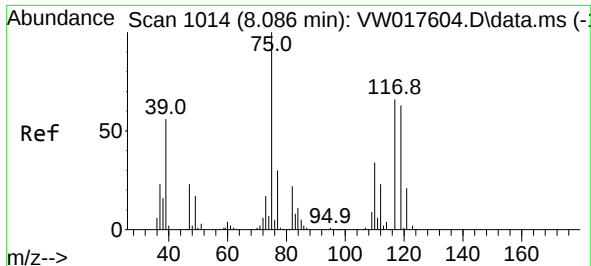
Tgt Ion:114 Resp: 357264
Ion Ratio Lower Upper
114 100
63 20.7 0.0 35.6
88 15.8 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.03 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion:113 Resp: 115911
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 17.8 17.8 26.8#

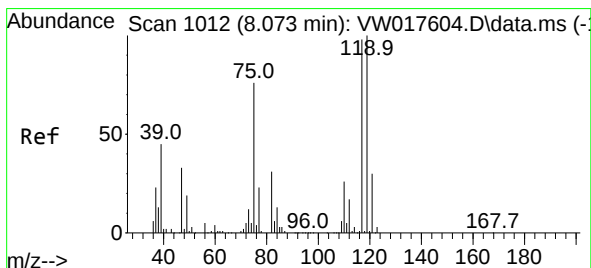
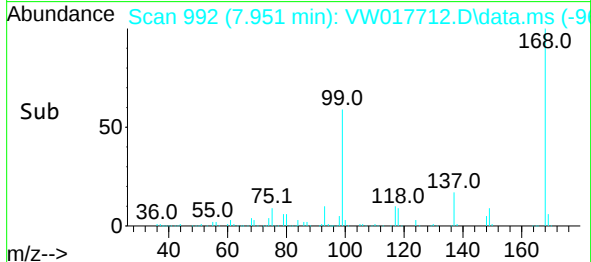
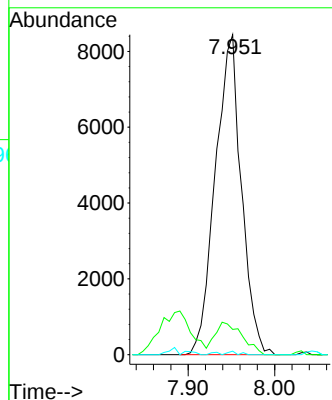
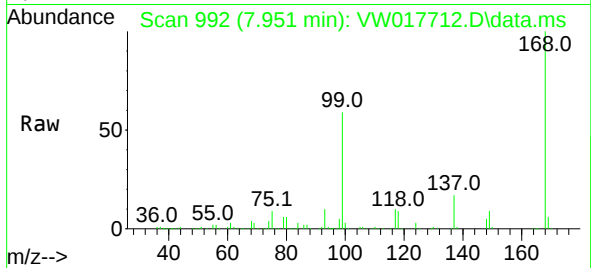




#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

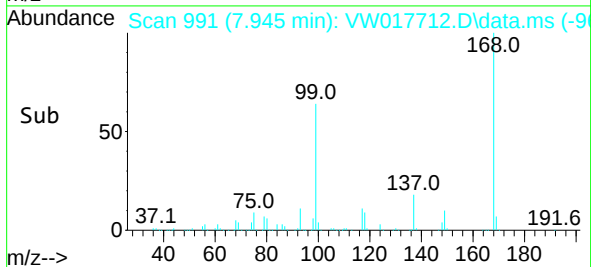
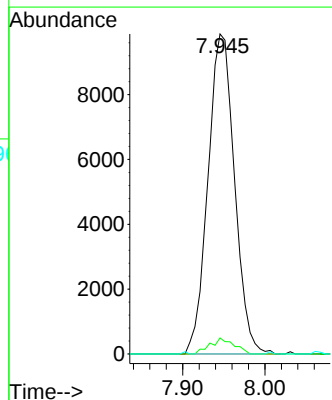
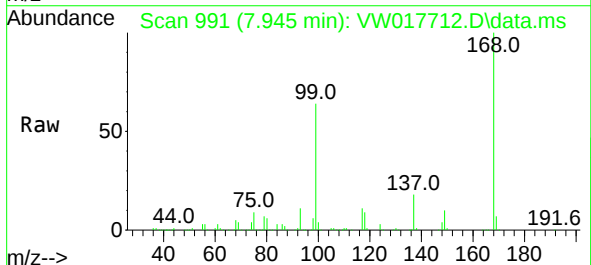
Instrument :
MSVOA_W
ClientSampled :
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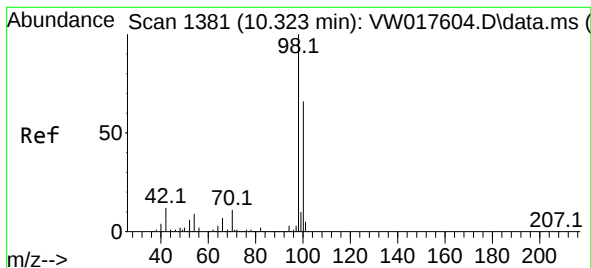
Tgt Ion: 75 Resp: 17633
Ion Ratio Lower Upper
75 100
110 0.0 19.3 57.9#
77 0.4 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 117 Resp: 22155
Ion Ratio Lower Upper
117 100
119 5.0 81.6 122.4#
121 0.0 25.7 38.5#

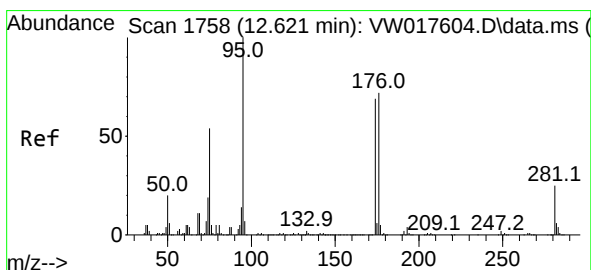
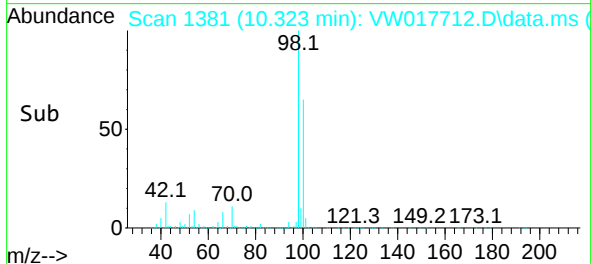
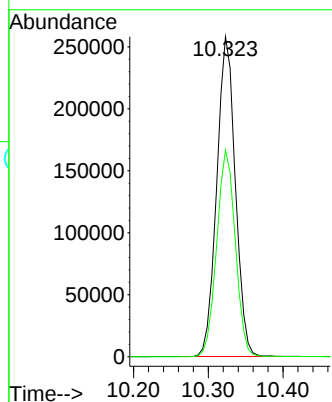
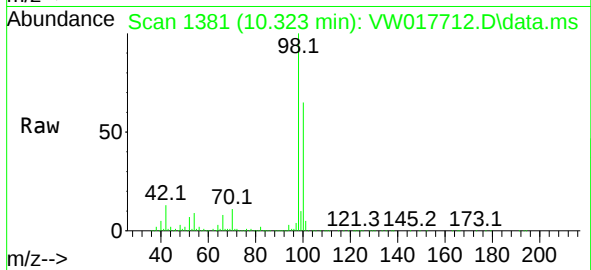




#50
Toluene-d8
Concen: 48.40 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

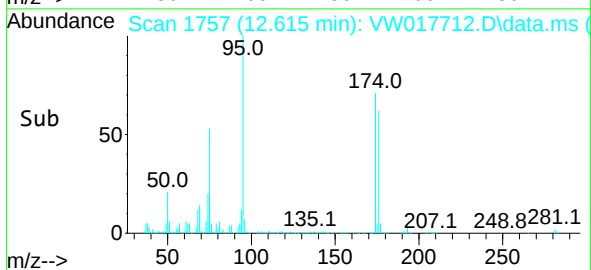
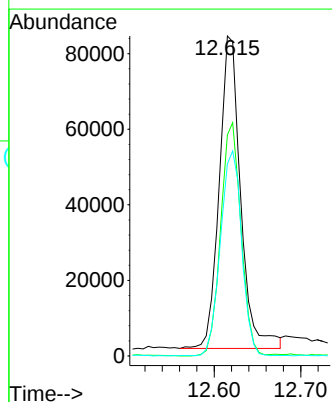
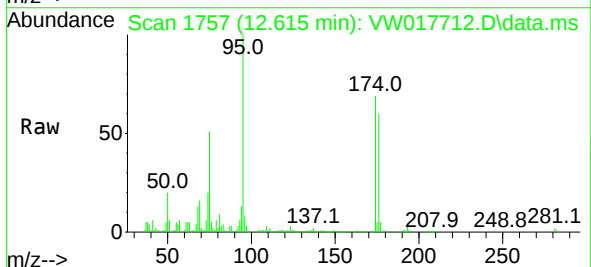
Instrument :
MSVOA_W
ClientSampleId :
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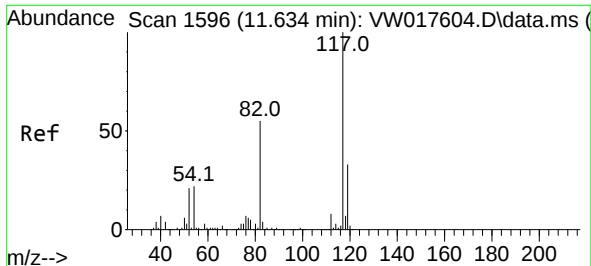
Tgt Ion: 98 Resp: 445553
Ion Ratio Lower Upper
98 100
100 64.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.15 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

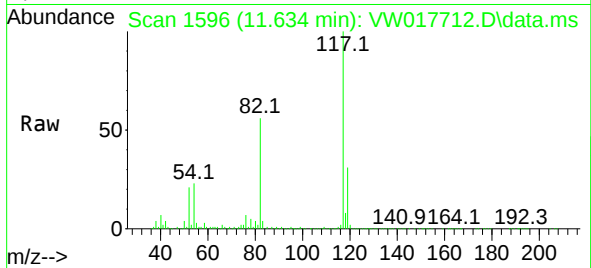
Tgt Ion: 95 Resp: 141825
Ion Ratio Lower Upper
95 100
174 70.9 0.0 180.6
176 65.5 0.0 177.6



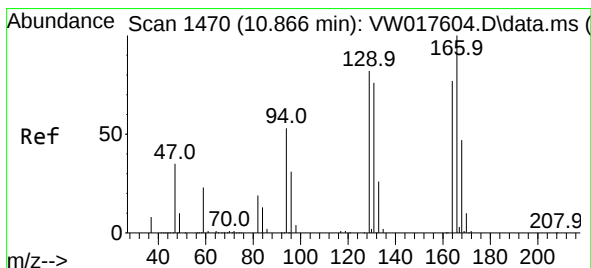
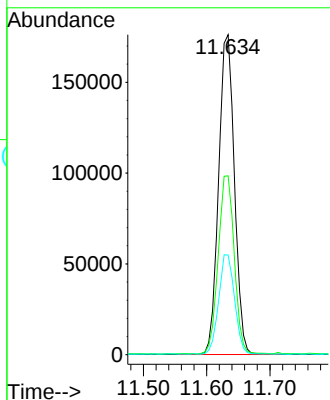
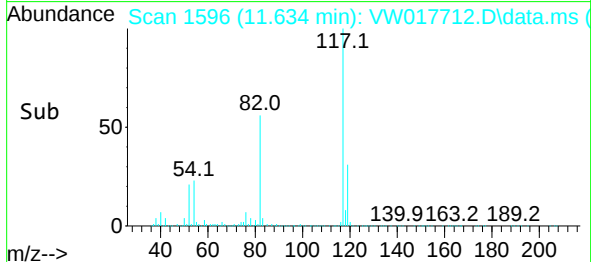


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

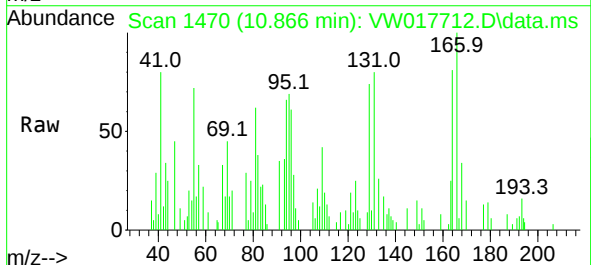
Instrument :
MSVOA_W
ClientSampleId :
22



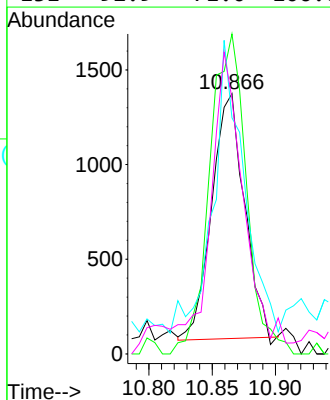
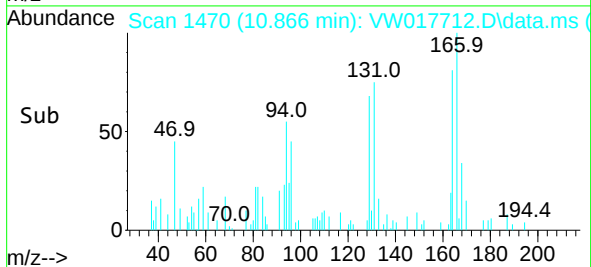
Tgt Ion:	117	Resp:	303863
Ion	Ratio	Lower	Upper
117	100		
82	55.6	40.7	61.1
119	31.0	25.0	37.4

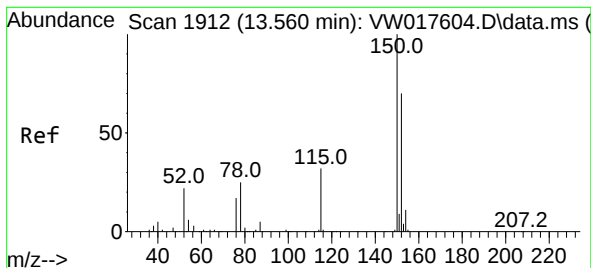


#64
Tetrachloroethene
Concen: 1.12 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14



Tgt Ion:	164	Resp:	2325
Ion	Ratio	Lower	Upper
164	100		
166	126.8	105.3	157.9
129	87.9	68.8	103.2
131	92.9	71.0	106.6

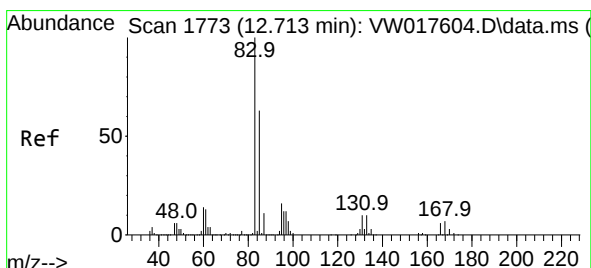
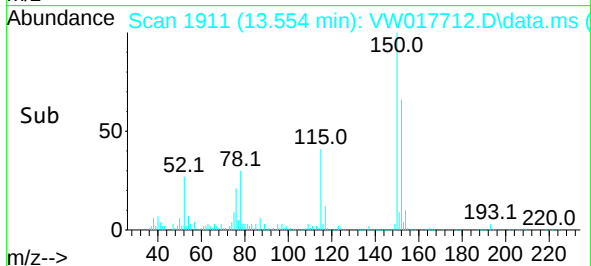
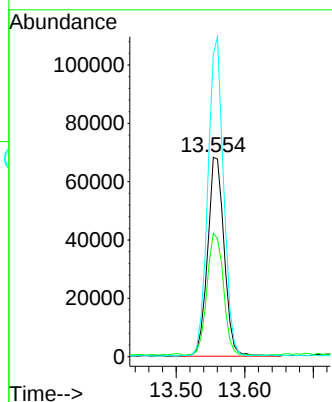
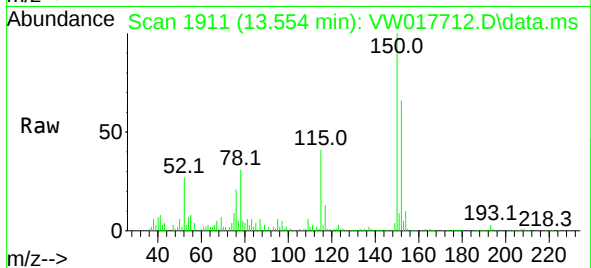




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

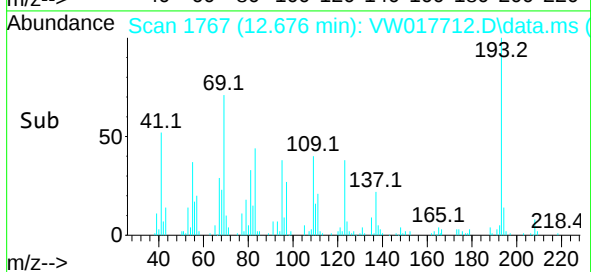
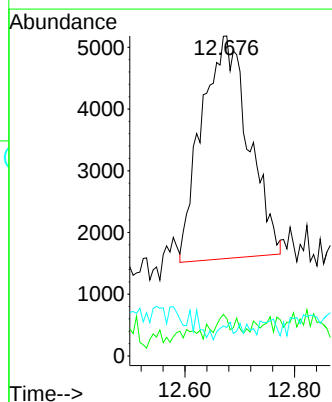
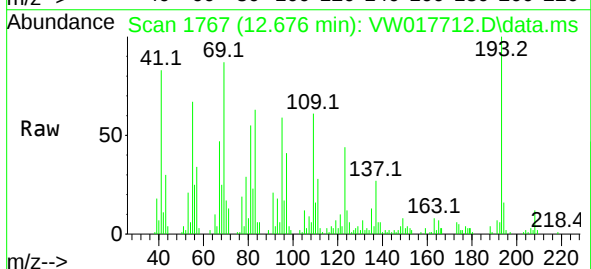
Instrument :
MSVOA_W
ClientSampled :
22

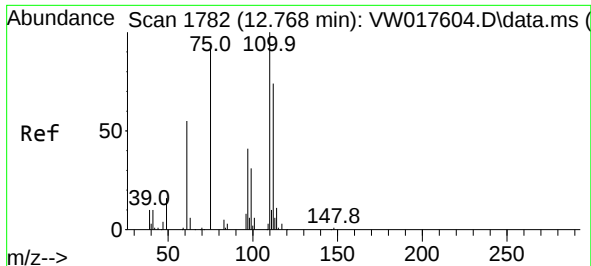
Tgt Ion:152 Resp: 114772
Ion Ratio Lower Upper
152 100
115 61.1 27.9 83.7
150 151.1 0.0 344.0



#75
1,1,2,2-Tetrachloroethane
Concen: 14.19 ug/l
RT: 12.676 min Scan# 1767
Delta R.T. -0.037 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 83 Resp: 21475
Ion Ratio Lower Upper
83 100
131 3.3 6.1 18.3#
85 2.2 32.7 98.1#

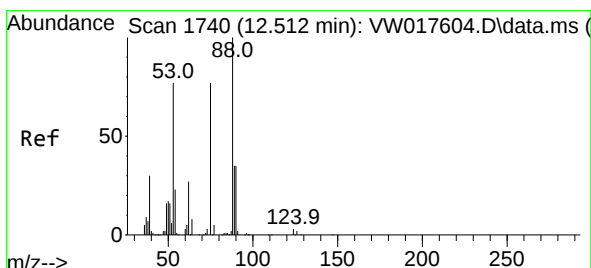
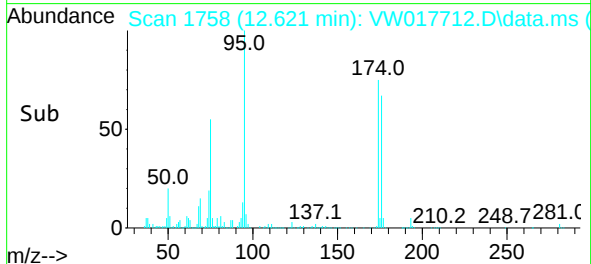
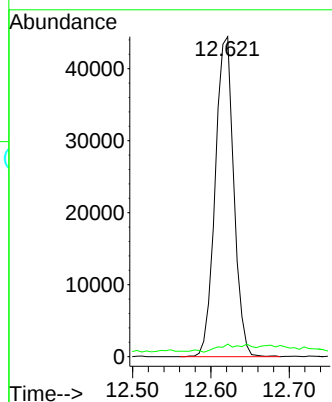
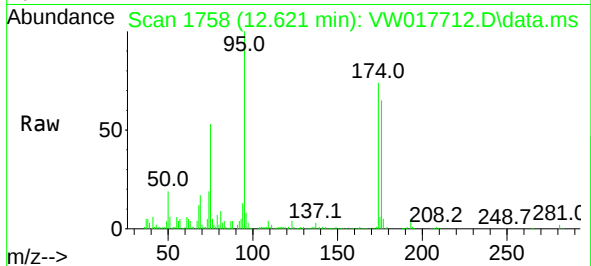




#76
1,2,3-Trichloropropane
Concen: 66.37 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
22

Tgt Ion: 75 Resp: 73333
Ion Ratio Lower Upper
75 100
77 2.0 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.48 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017712.D
Acq: 23 Dec 2020 15:14

Tgt Ion: 75 Resp: 73333
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.2 38.7 58.1#

