

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019509.D
 Acq On : 20 Jul 2021 14:05
 Operator : SY/VA
 Sample : M3083-01
 Misc : 5.55g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 14:30:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

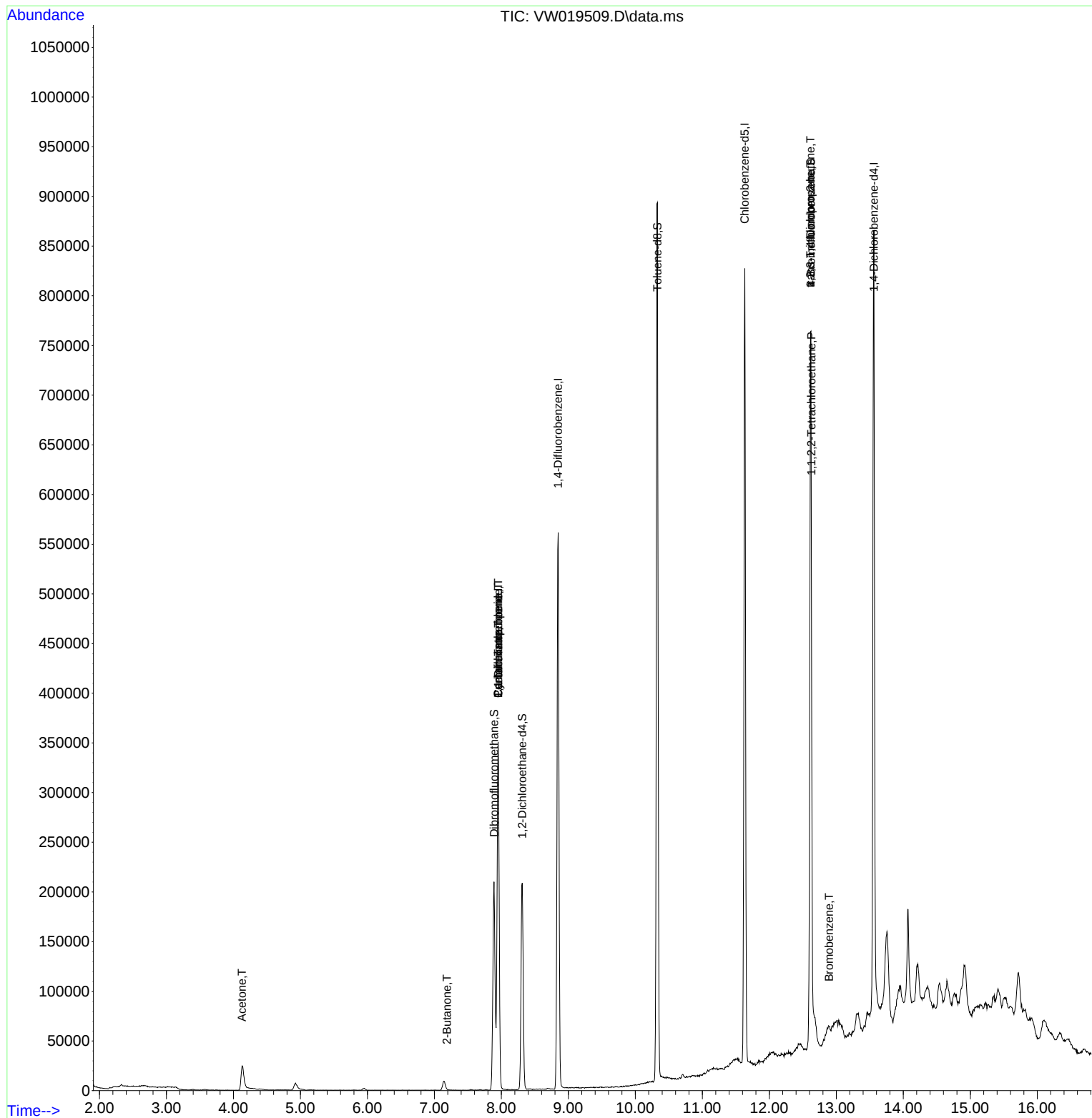
Internal Standards						
1) Pentafluorobenzene	7.951	168	250610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	467339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	436895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	193989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	172466	73.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.480%	
35) Dibromofluoromethane	7.890	113	147382	51.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.240%	
50) Toluene-d8	10.329	98	590825	53.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.621	95	229260	55.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.184	59	297	Below Cal	#	73
16) Acetone	4.129	43	52915	116.096	ug/l	99
20) Methylene Chloride	4.927	84	6135	Below Cal		95
25) 2-Butanone	7.189	43	834	1.064	ug/l #	48
31) Cyclohexane	7.951	56	5514	1.047	ug/l #	1
36) 1,1-Dichloropropene	7.951	75	21423	4.300	ug/l #	50
38) Carbon Tetrachloride	7.951	117	25451	5.848	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.627	83	14947	5.392	ug/l #	28
76) 1,2,3-Trichloropropane	12.615	75	112000	58.417	ug/l #	100
77) Bromobenzene	12.889	156	16771	5.048	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	112000	133.133	ug/l #	13

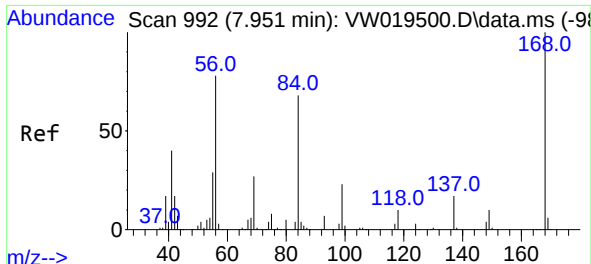
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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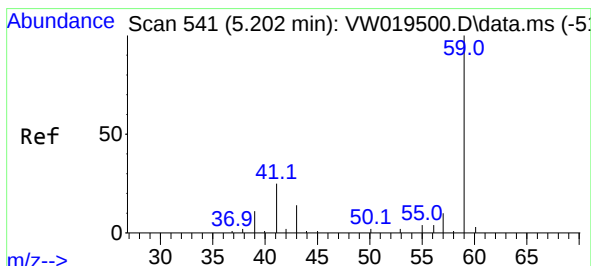
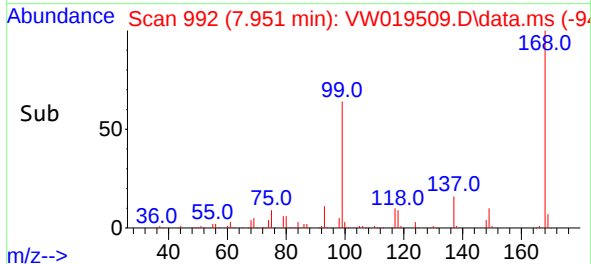
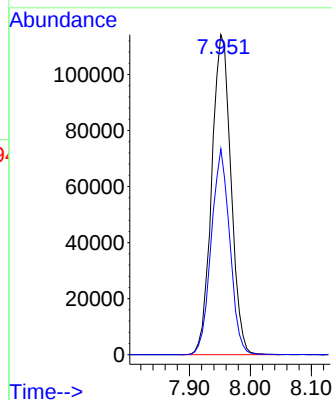
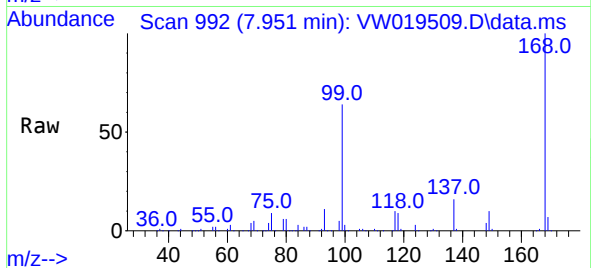




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

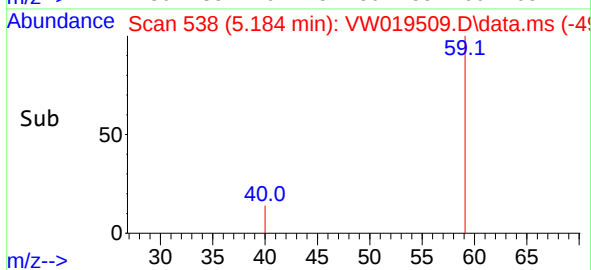
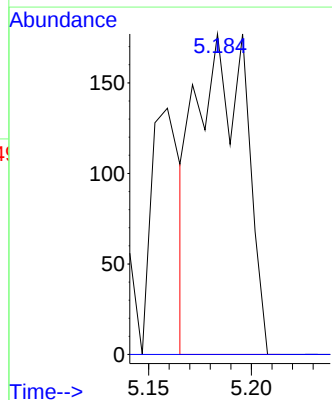
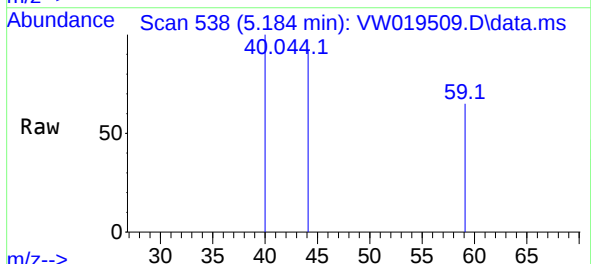
Instrument :
MSVOA_W
ClientSampled :

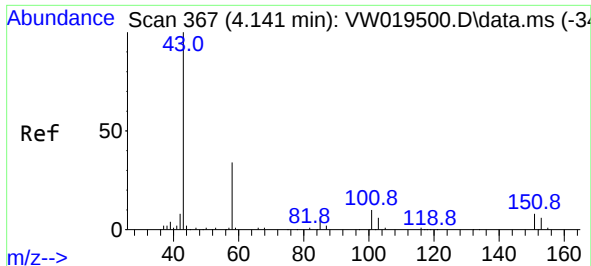
Tgt Ion:168 Resp: 250610
Ion Ratio Lower Upper
168 100
99 64.3 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.184 min Scan# 538
Delta R.T. -0.018 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

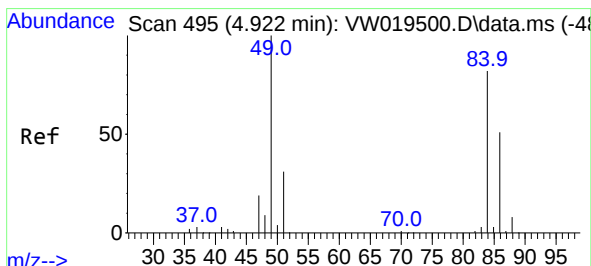
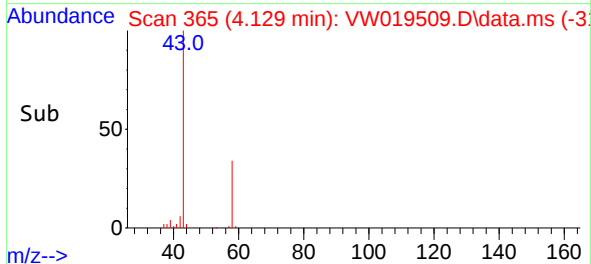
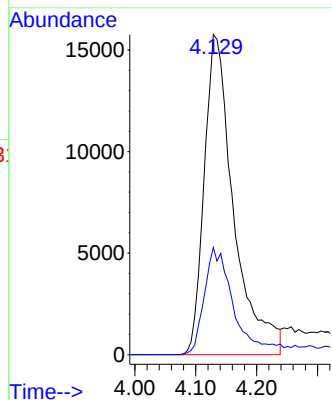
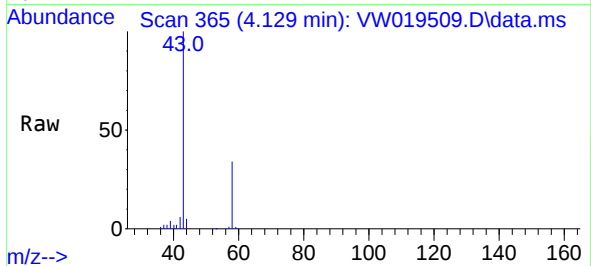




#16
Acetone
Concen: 116.096 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

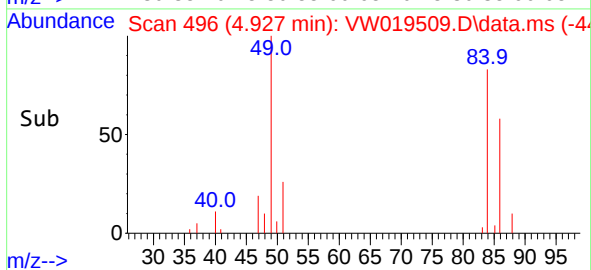
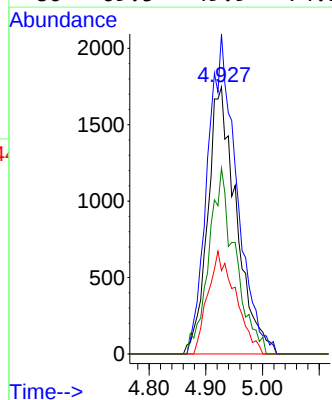
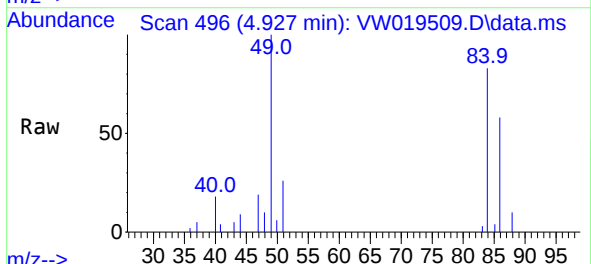
Instrument :
MSVOA_W
ClientSampled :

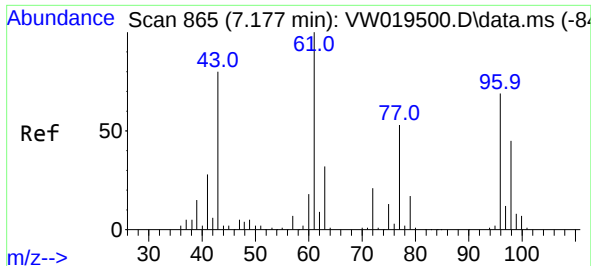
Tgt Ion: 43 Resp: 52915
Ion Ratio Lower Upper
43 100
58 33.5 27.2 40.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.927 min Scan# 496
Delta R.T. 0.005 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Tgt Ion: 84 Resp: 6135
Ion Ratio Lower Upper
84 100
49 119.9 97.2 145.8
51 31.2 30.1 45.1
86 69.5 49.9 74.9

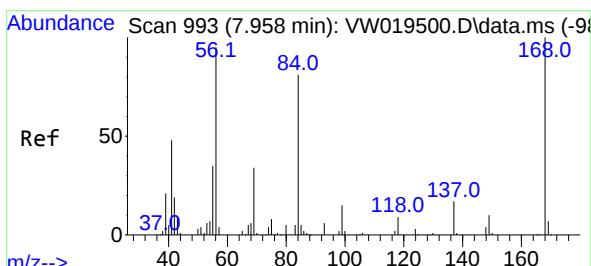
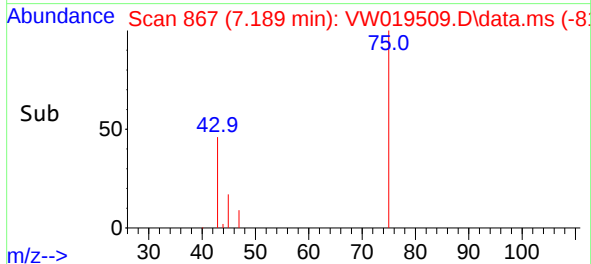
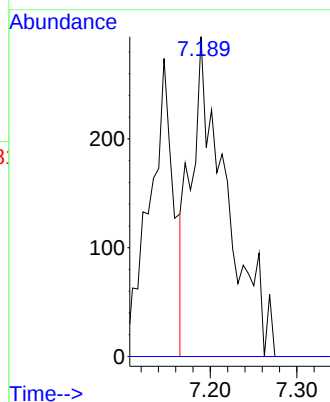
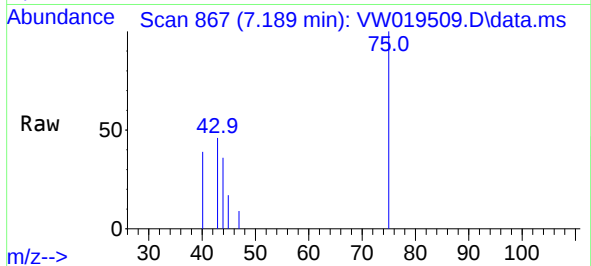




#25
2-Butanone
Concen: 1.064 ug/l
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

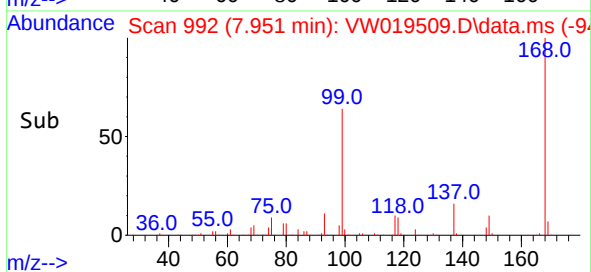
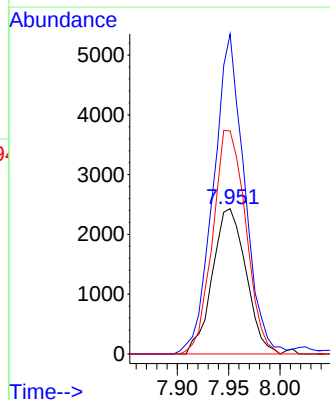
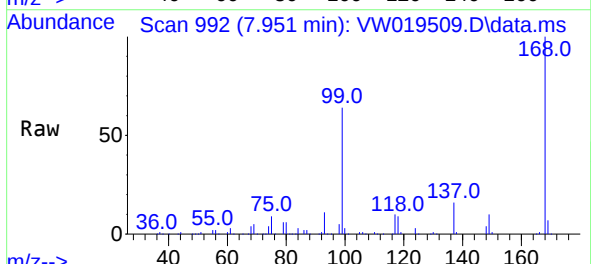
Instrument :
MSVOA_W
ClientSampled :

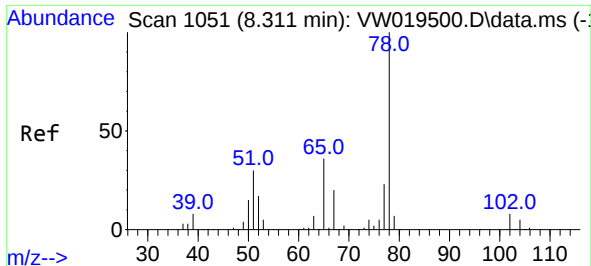
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#31
Cyclohexane
Concen: 1.047 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Tgt Ion: 56 Resp: 5514
Ion Ratio Lower Upper
56 100
69 218.1 28.3 42.5#
84 153.5 68.1 102.1#

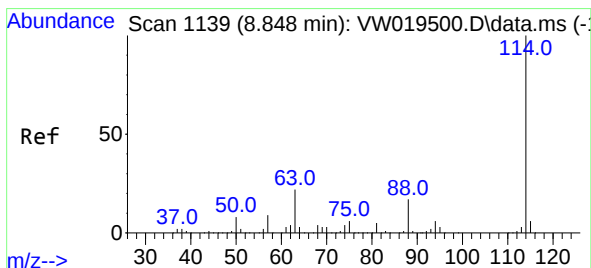
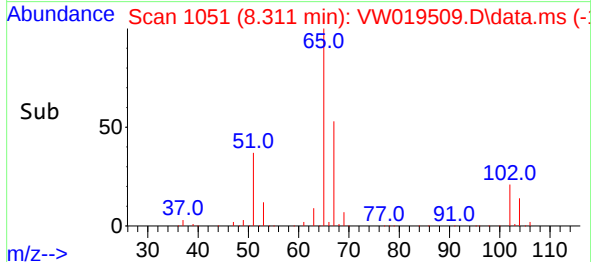
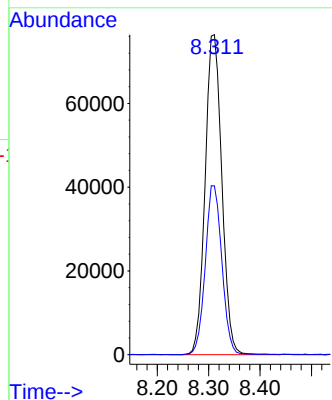
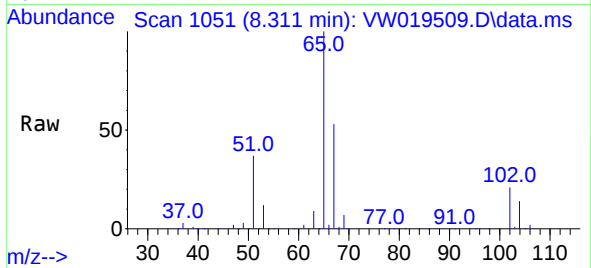




#33
1,2-Dichloroethane-d4
Concen: 73.238 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

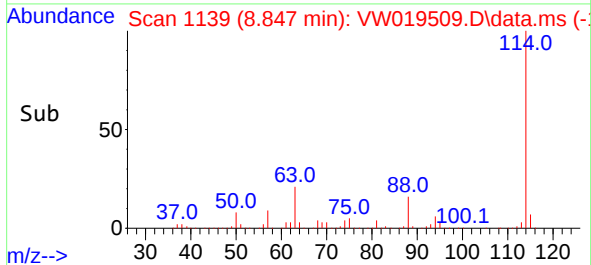
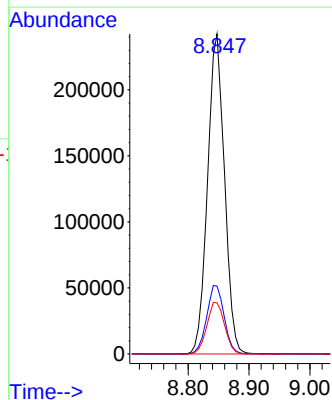
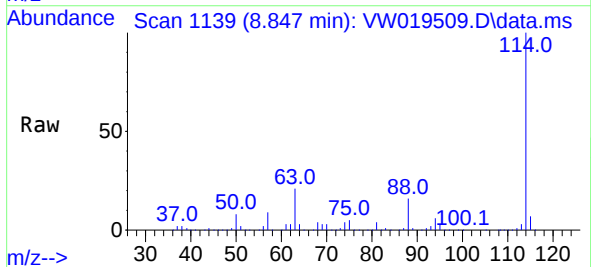
Instrument :
MSVOA_W
ClientSampleId :

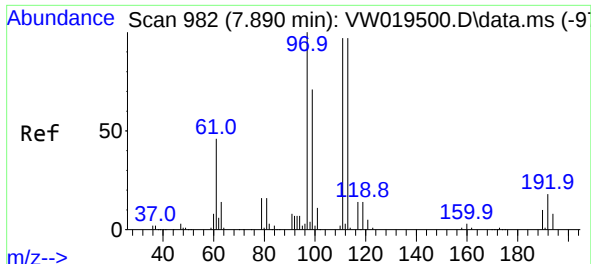
Tgt Ion: 65 Resp: 172466
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Tgt Ion: 114 Resp: 467339
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.8
88 16.0 0.0 33.4

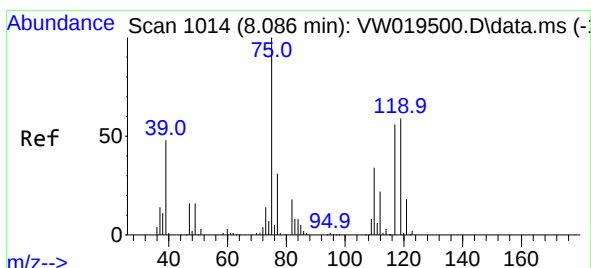
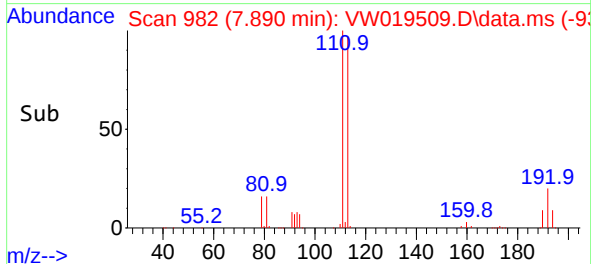
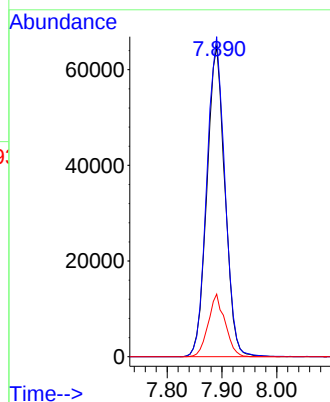
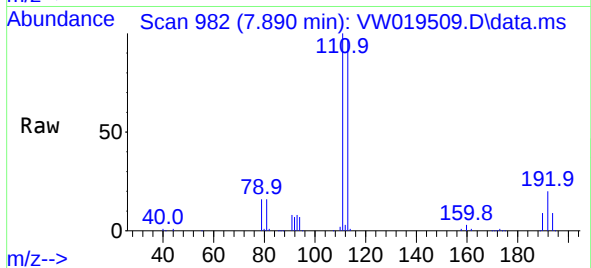




#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

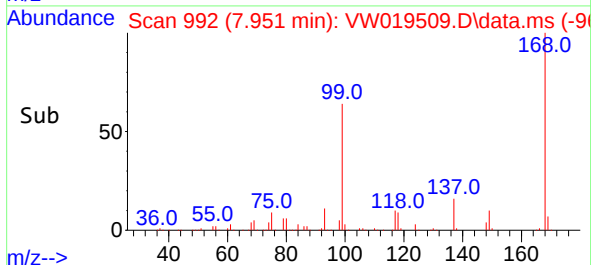
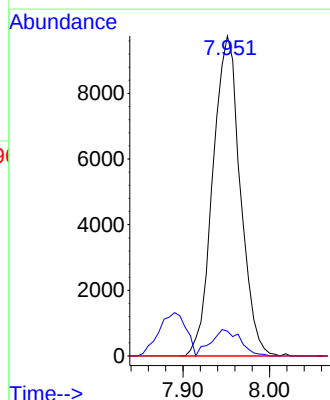
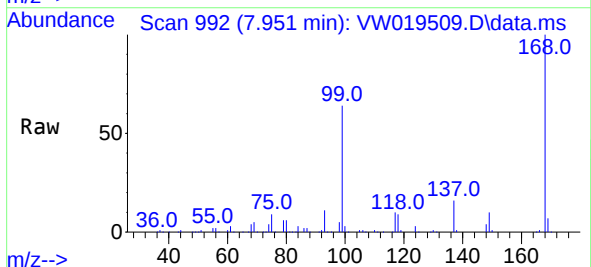
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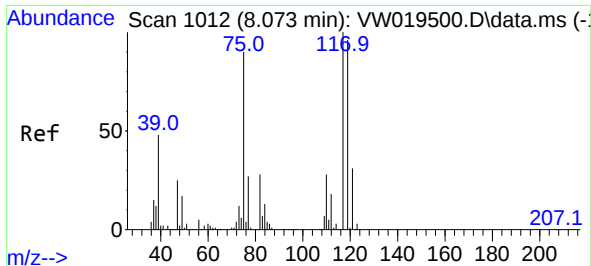
Tgt Ion:113 Resp: 147382
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

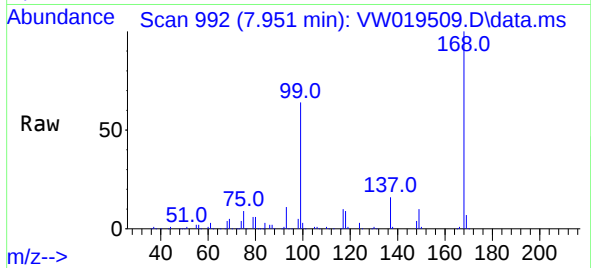
Tgt Ion: 75 Resp: 21423
Ion Ratio Lower Upper
75 100
110 8.9 16.6 49.7#
77 0.0 25.1 37.7#



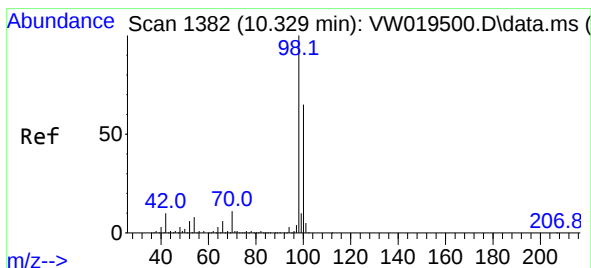
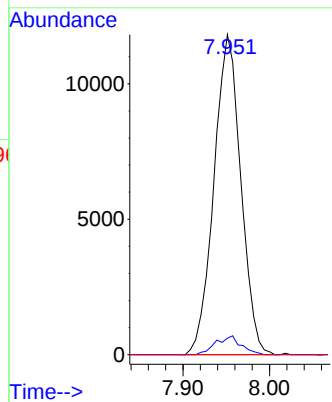
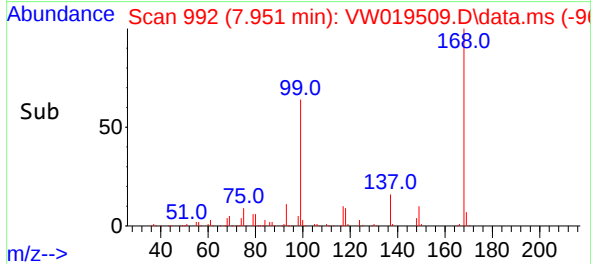


#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

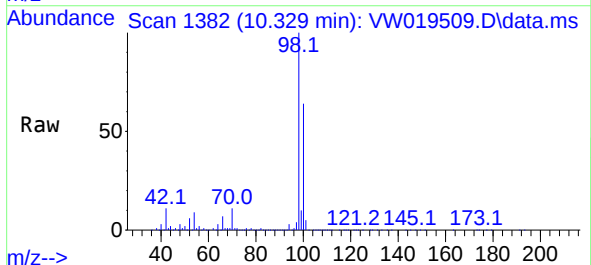
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MSVOA_W
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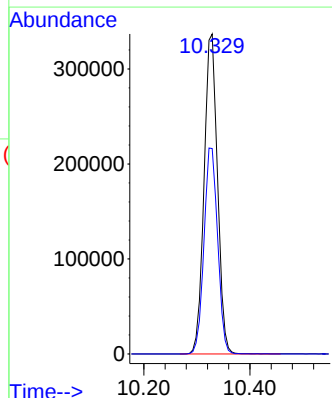
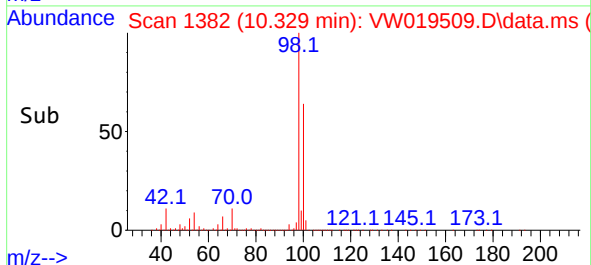
Tgt Ion:117 Resp: 25451
Ion Ratio Lower Upper
117 100
119 5.2 76.7 115.1#
121 0.0 24.8 37.2#

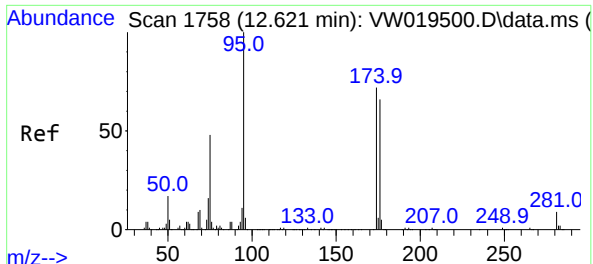


#50
Toluene-d8
Concen: 53.445 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05



Tgt Ion: 98 Resp: 590825
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

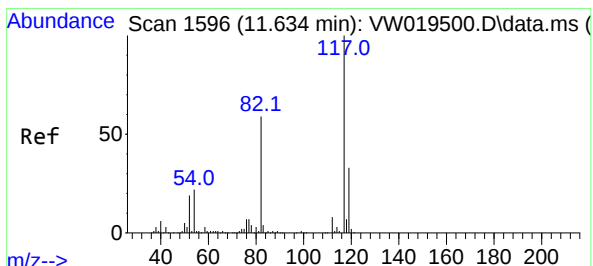
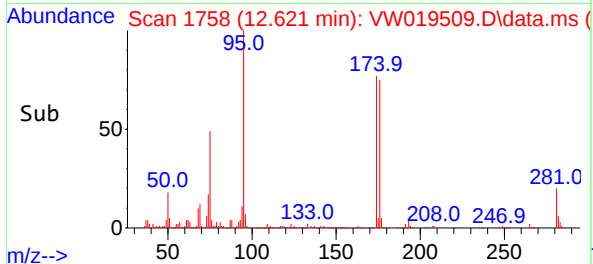
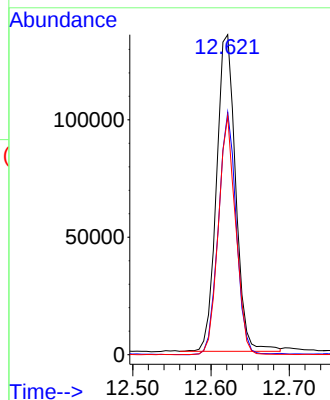
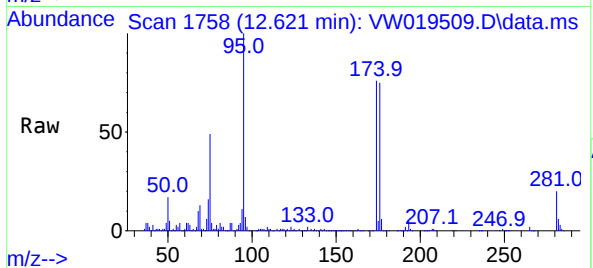




#62
4-Bromofluorobenzene
Concen: 55.287 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

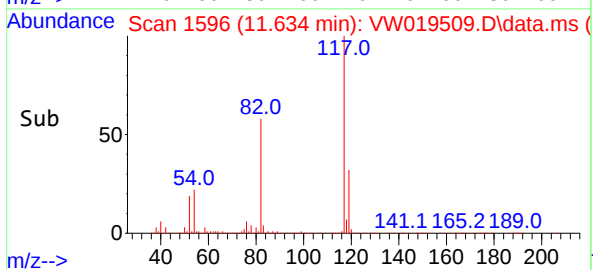
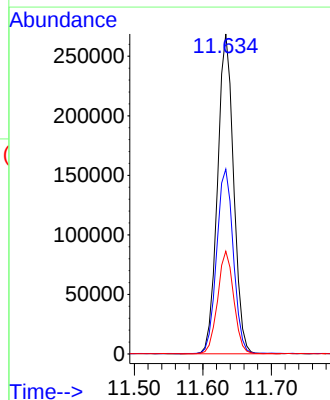
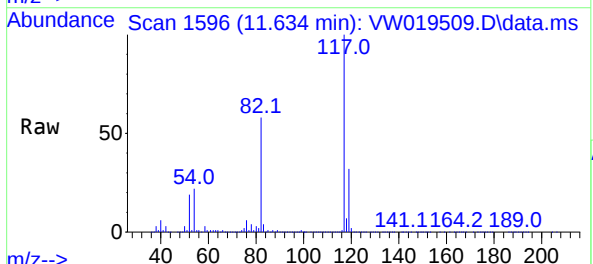
Instrument :
MSVOA_W
ClientSampled :

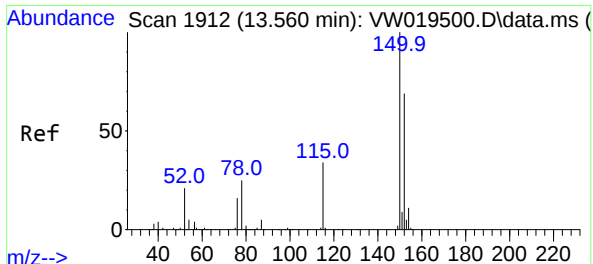
Tgt Ion: 95 Resp: 229260
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 68.2 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Tgt Ion:117 Resp: 436895
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 32.0 26.6 39.8

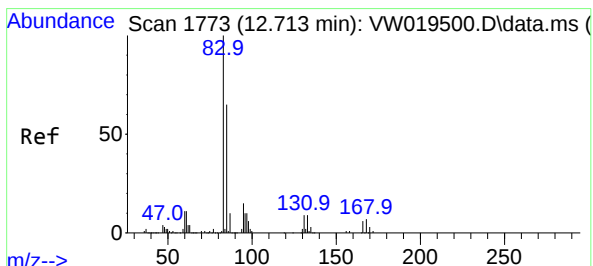
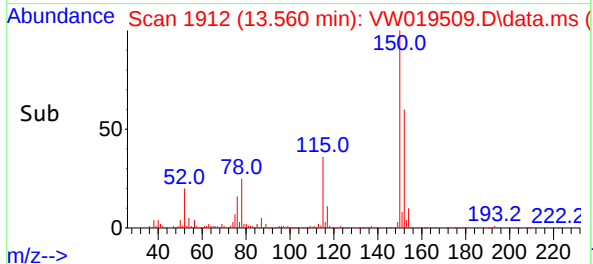
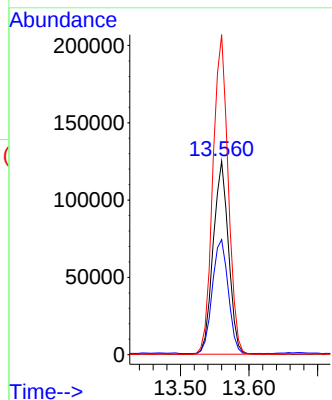
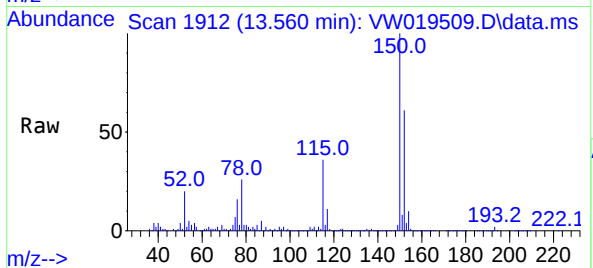




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

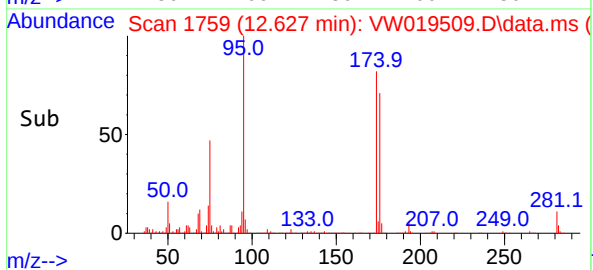
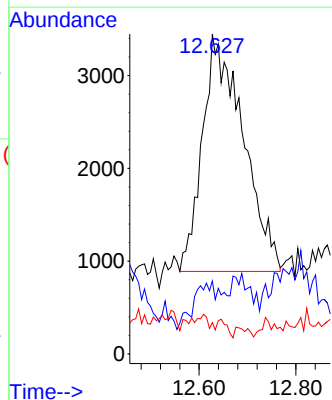
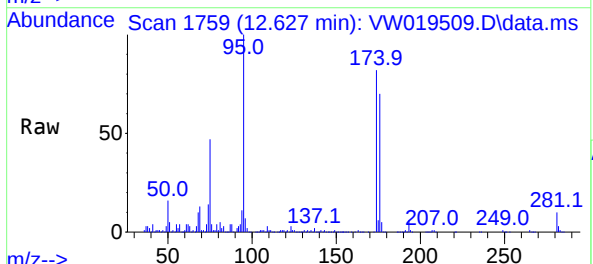
Instrument :
MSVOA_W
ClientSampled :

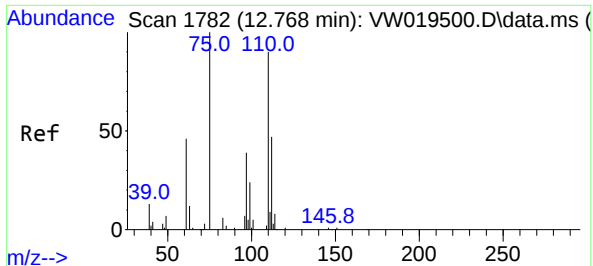
Tgt Ion:152 Resp: 193989
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.8
150 165.5 0.0 342.4



#75
1,1,2,2-Tetrachloroethane
Concen: 5.392 ug/l
RT: 12.627 min Scan# 1759
Delta R.T. -0.086 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Tgt Ion: 83 Resp: 14947
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 1.8 31.8 95.4#

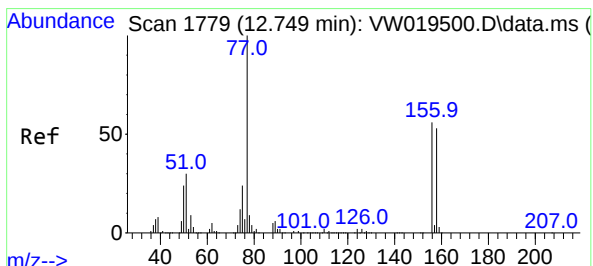
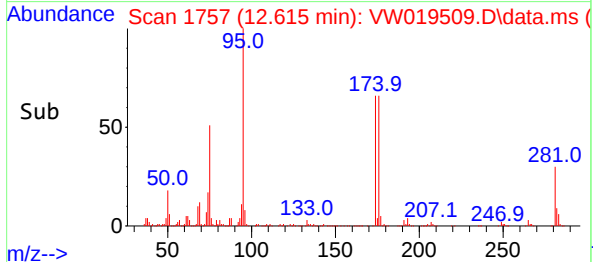
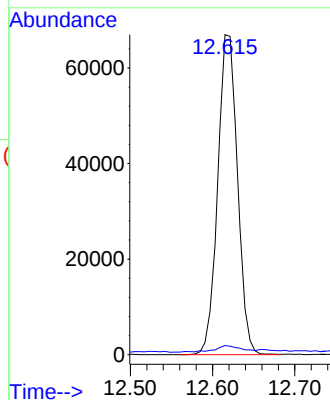
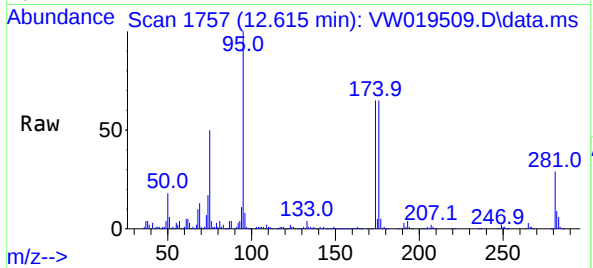




#76
1,2,3-Trichloropropane
Concen: 58.417 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

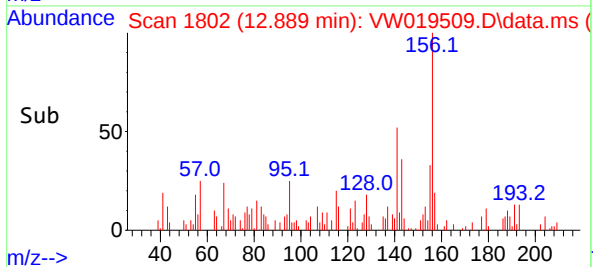
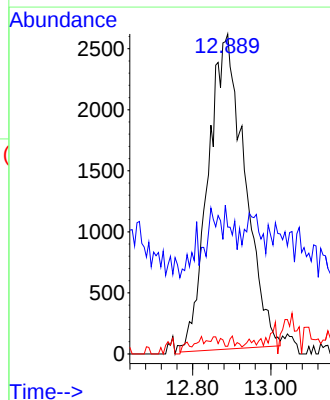
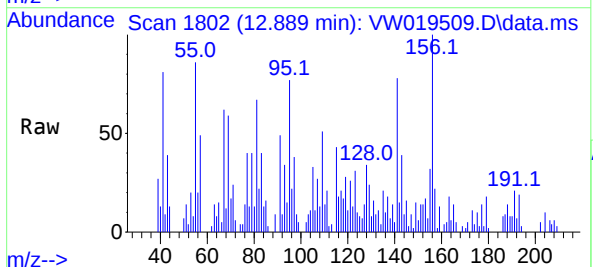
Instrument :
MSVOA_W
ClientSampled :

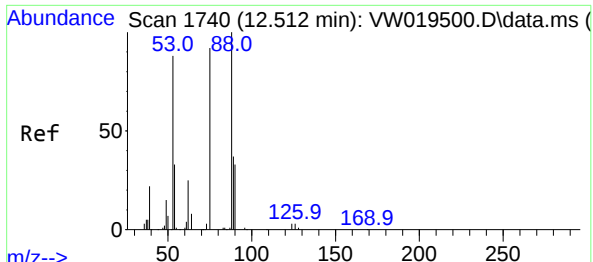
Tgt Ion: 75 Resp: 112000
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#77
Bromobenzene
Concen: 5.048 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. 0.140 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Tgt Ion:156 Resp: 16771
Ion Ratio Lower Upper
156 100
77 0.0 102.6 307.9#
158 1.2 47.1 141.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.133 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW019509.D
Acq: 20 Jul 2021 14:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 112000
Ion Ratio Lower Upper
75 100
53 0.8 75.8 113.8#
89 0.9 35.7 53.5#

