

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019519.D
 Acq On : 20 Jul 2021 18:31
 Operator : SY/VA
 Sample : M3076-02
 Misc : 5.06g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 02:06:09 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)

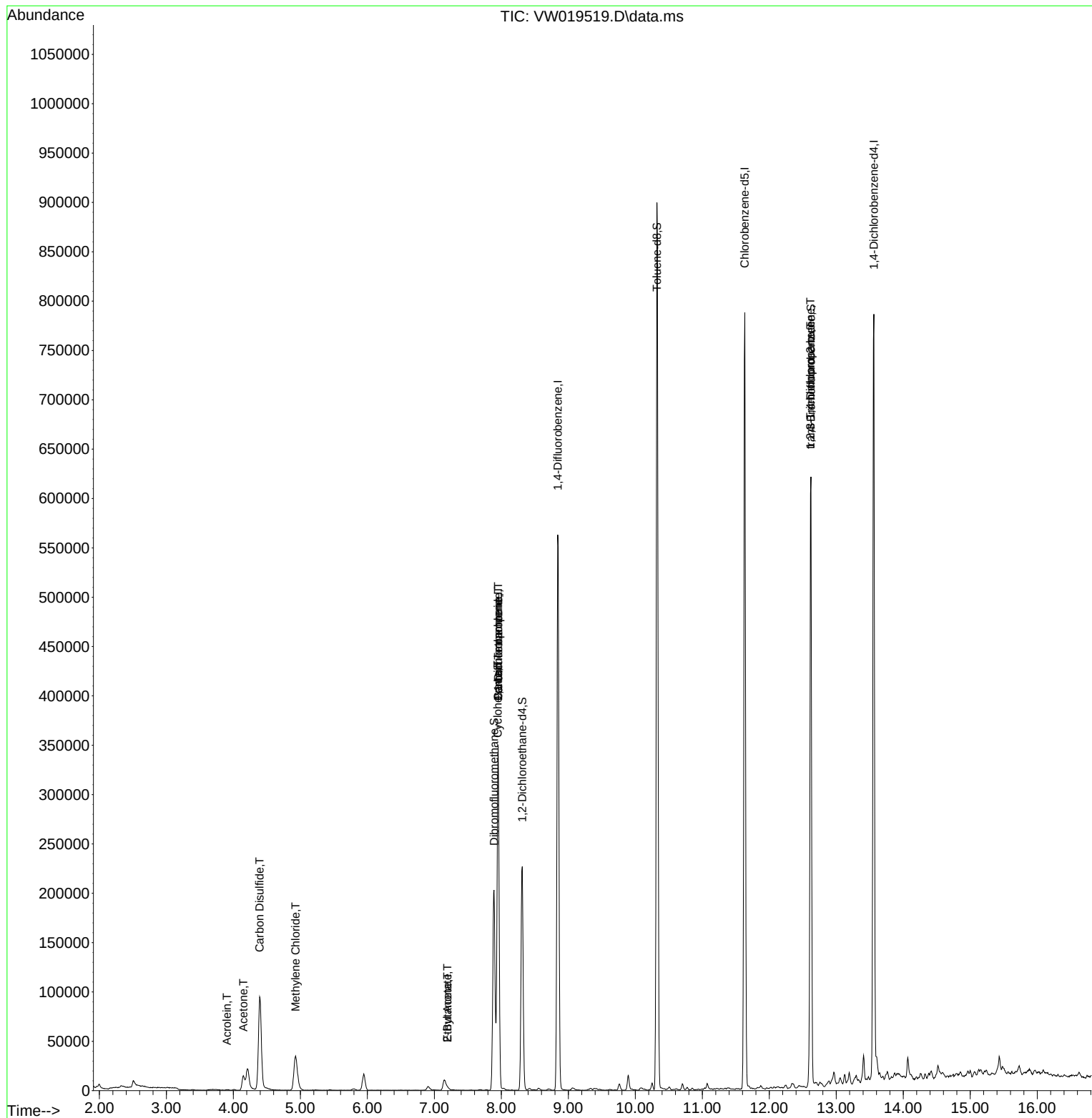
Internal Standards						
1) Pentafluorobenzene	7.952	168	246523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	472322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	440736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	199474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	183708	79.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 159.440%			
35) Dibromofluoromethane	7.891	113	148288	51.387	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.780%			
50) Toluene-d8	10.323	98	602046	53.885	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.621	95	218111	52.043	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	158	Below Cal	#	73
13) Acrolein	3.903	56	383	2.337	ug/l #	8
16) Acetone	4.147	43	30773	68.636	ug/l	96
17) Carbon Disulfide	4.391	76	221820	28.618	ug/l	99
20) Methylene Chloride	4.928	84	32852	7.234	ug/l	97
25) 2-Butanone	7.196	43	6280	8.143	ug/l #	88
31) Cyclohexane	7.945	56	5302	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	21070	4.184	ug/l #	50
37) Ethyl Acetate	7.196	43	6280	2.976	ug/l #	67
38) Carbon Tetrachloride	7.952	117	25889	5.885	ug/l #	16
76) 1,2,3-Trichloropropane	12.615	75	109763	55.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	109763	126.886	ug/l #	12

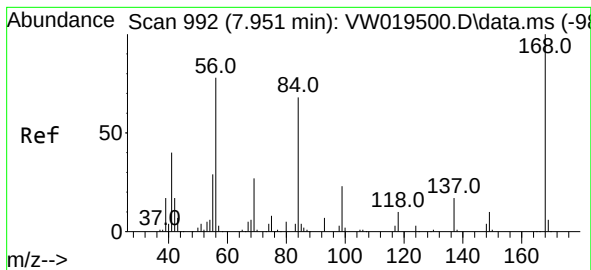
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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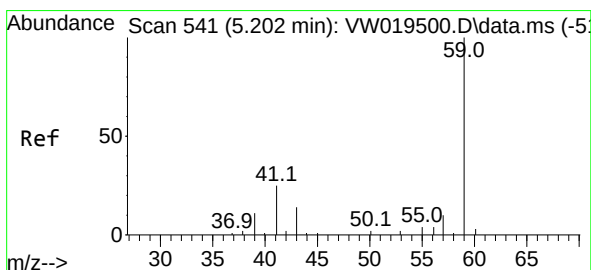
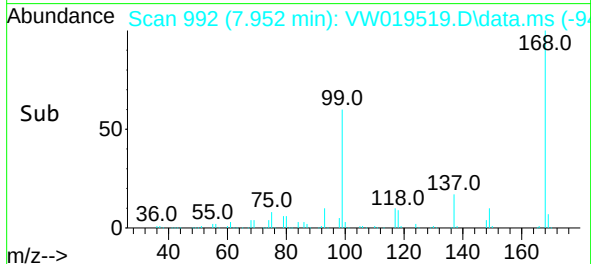
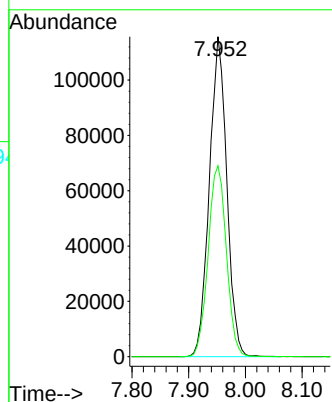
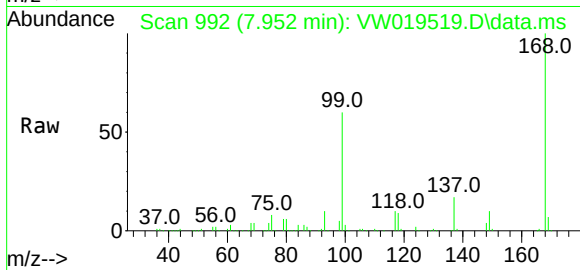




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

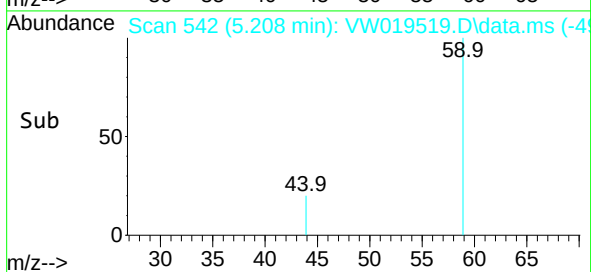
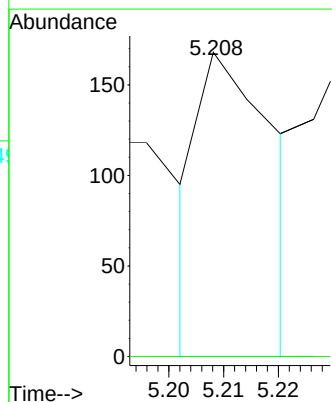
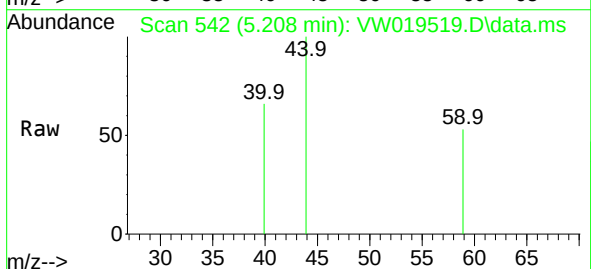
Instrument :
MSVOA_W
ClientSampled :

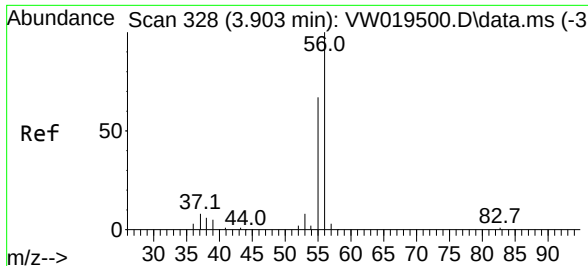
Tgt Ion:168 Resp: 246523
Ion Ratio Lower Upper
168 100
99 59.6 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 542
Delta R.T. 0.006 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

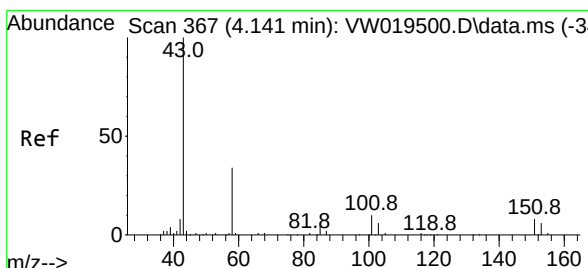
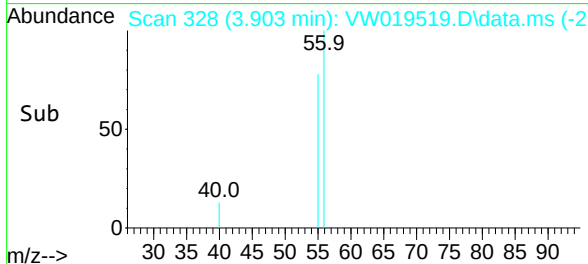
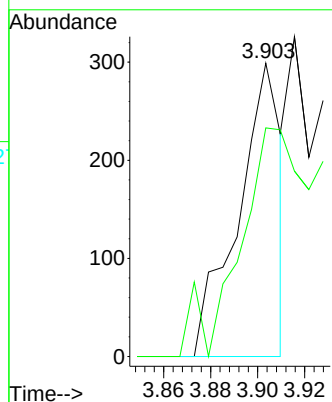
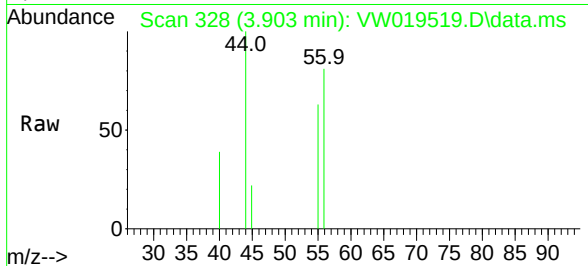




#13
Acrolein
Concen: 2.337 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.000 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

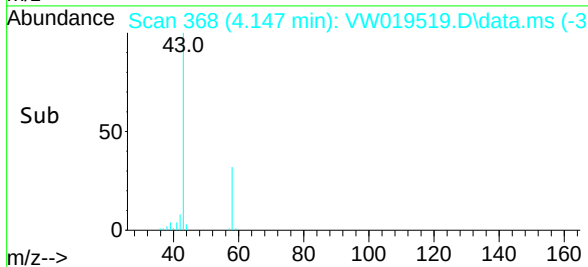
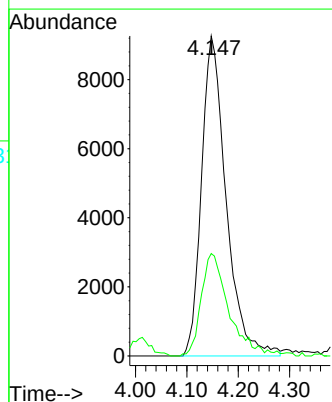
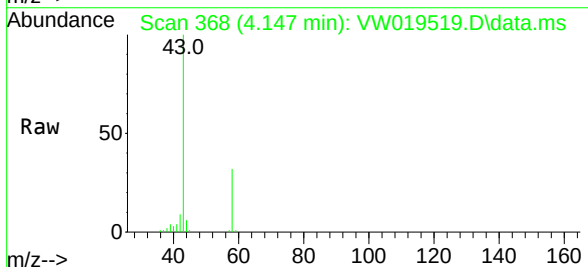
Instrument :
MSVOA_W
ClientSampled :

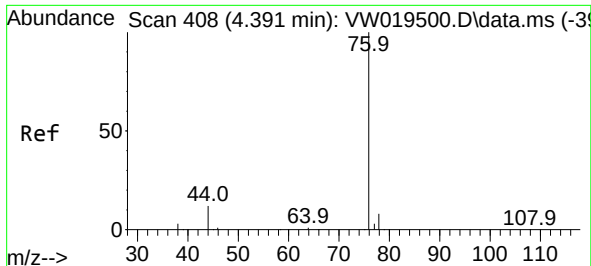
Tgt Ion: 56 Resp: 383
Ion Ratio Lower Upper
56 100
55 146.2 56.3 84.5#



#16
Acetone
Concen: 68.636 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion: 43 Resp: 30773
Ion Ratio Lower Upper
43 100
58 32.0 27.2 40.8

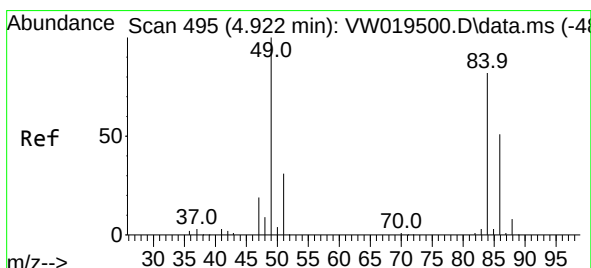
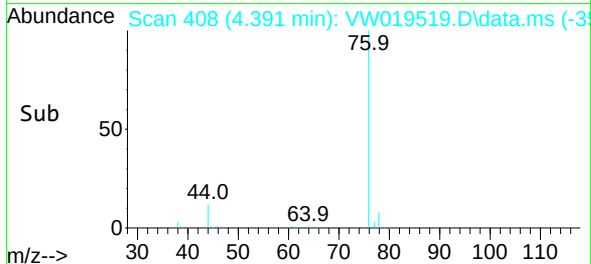
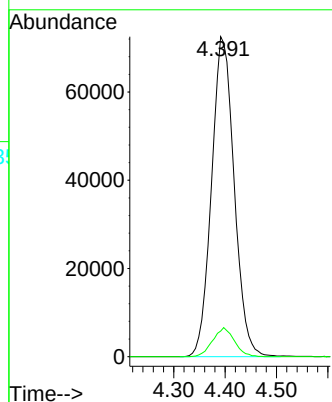
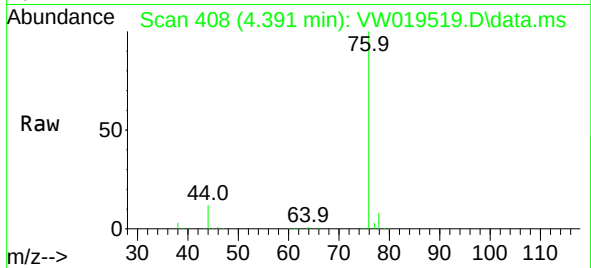




#17
Carbon Disulfide
Concen: 28.618 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

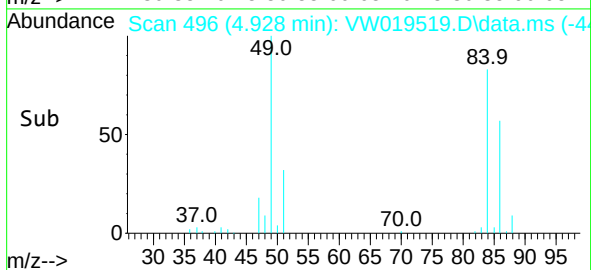
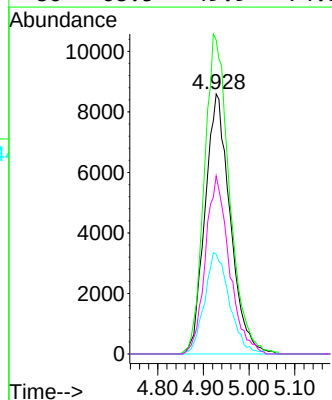
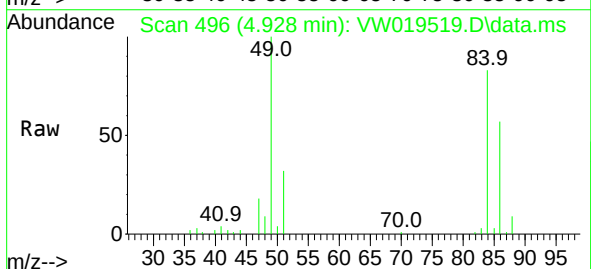
Instrument :
MSVOA_W
ClientSampleId :

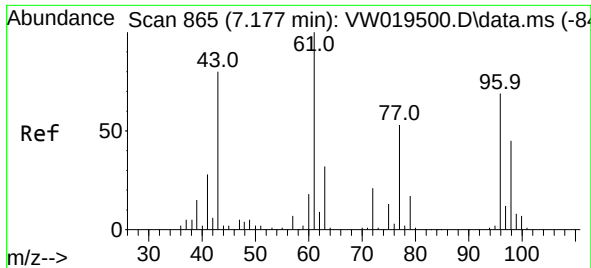
Tgt Ion: 76 Resp: 221820
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#20
Methylene Chloride
Concen: 7.234 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion: 84 Resp: 32852
Ion Ratio Lower Upper
84 100
49 120.7 97.2 145.8
51 38.4 30.1 45.1
86 68.5 49.9 74.9

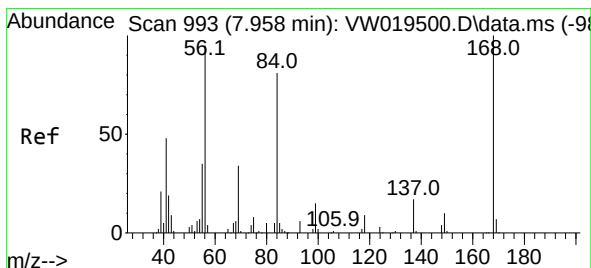
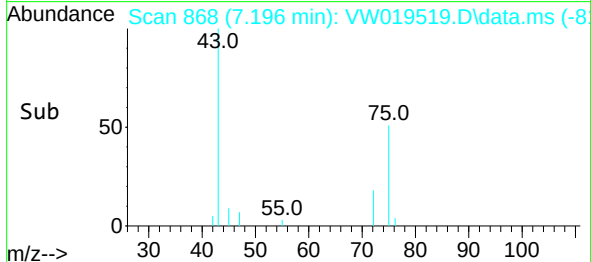
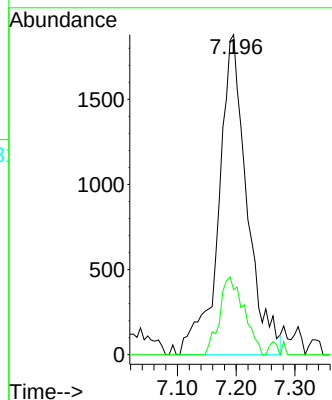
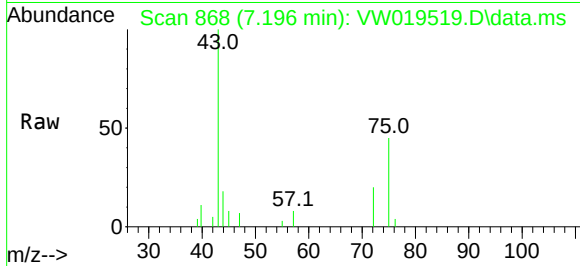




#25
2-Butanone
Concen: 8.143 ug/l
RT: 7.196 min Scan# 868
Delta R.T. 0.018 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

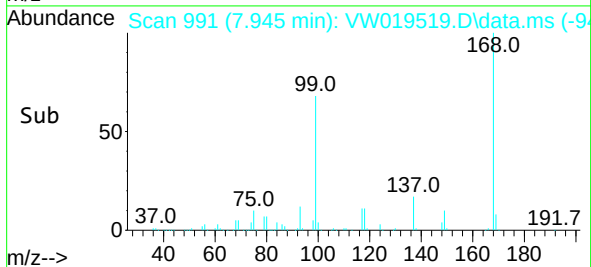
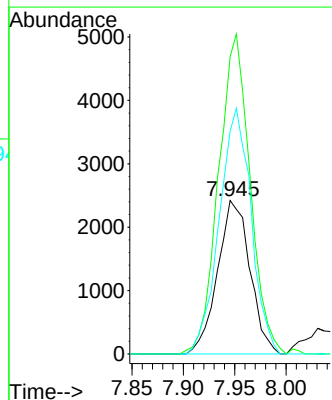
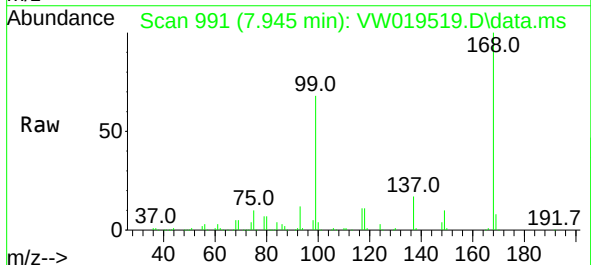
Instrument :
MSVOA_W
ClientSampled :

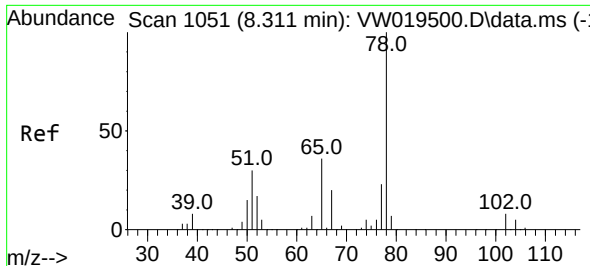
Tgt Ion: 43 Resp: 6280
Ion Ratio Lower Upper
43 100
72 20.3 21.4 32.0#



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion: 56 Resp: 5302
Ion Ratio Lower Upper
56 100
69 193.6 28.3 42.5#
84 145.1 68.1 102.1#

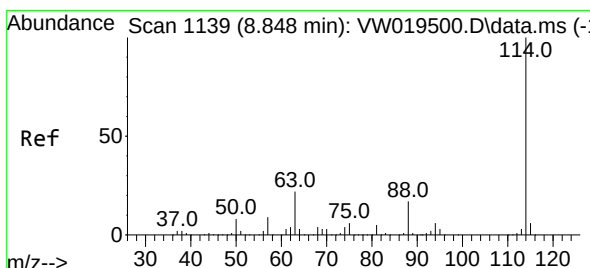
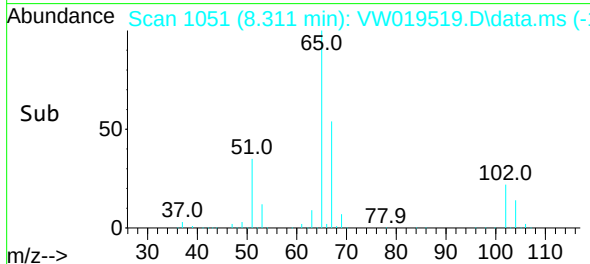
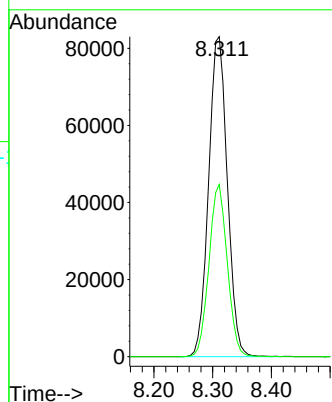
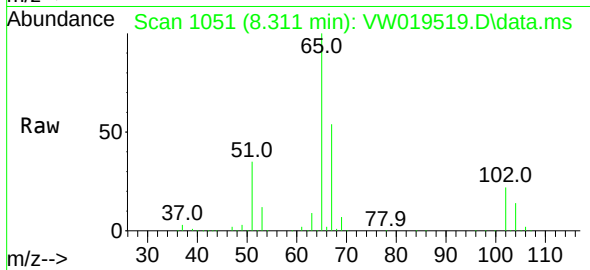




#33
 1,2-Dichloroethane-d4
 Concen: 79.721 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VW019519.D
 Acq: 20 Jul 2021 18:31

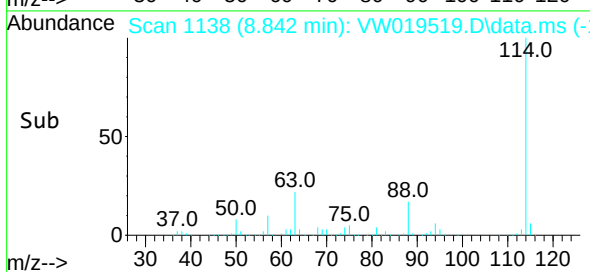
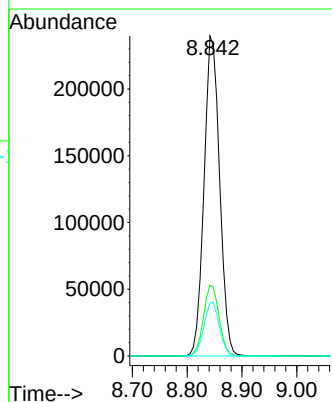
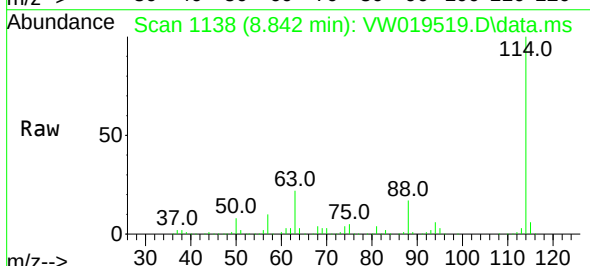
Instrument :
 MSVOA_W
 ClientSampled :

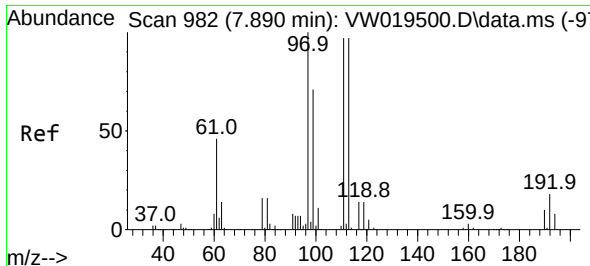
Tgt Ion: 65 Resp: 183708
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.006 min
 Lab File: VW019519.D
 Acq: 20 Jul 2021 18:31

Tgt Ion: 114 Resp: 472322
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.5 0.0 33.4

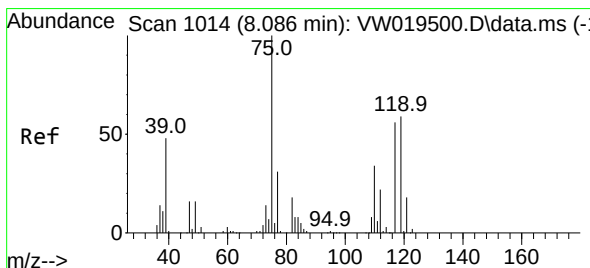
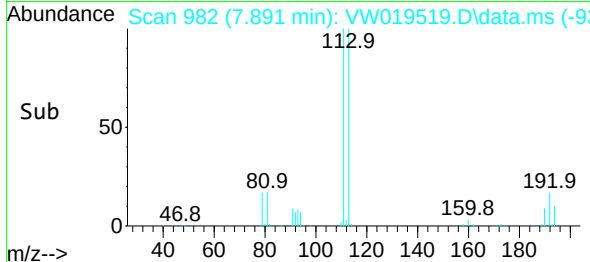
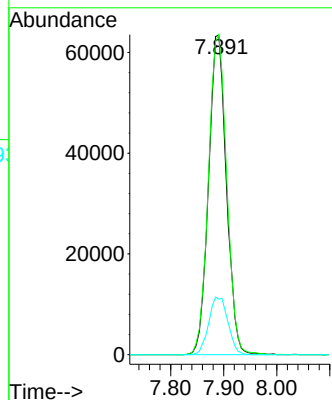
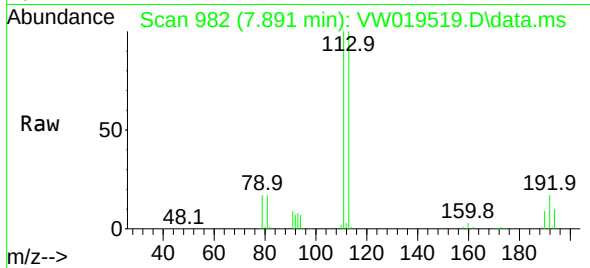




#35
Dibromofluoromethane
Concen: 51.387 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

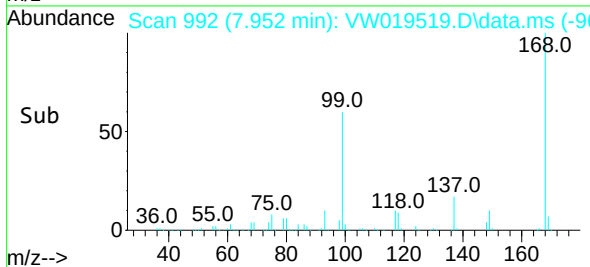
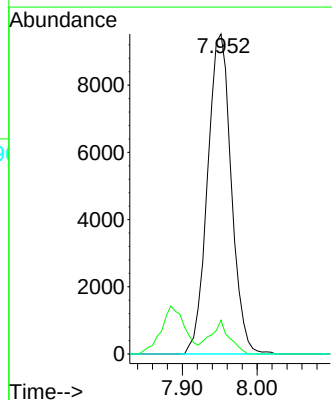
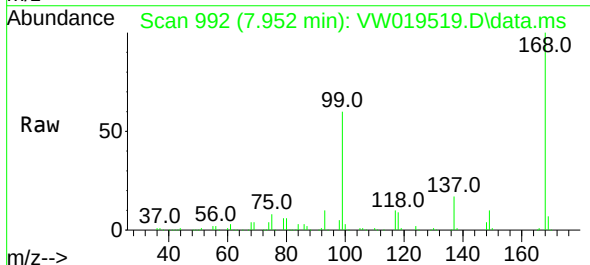
Instrument :
MSVOA_W
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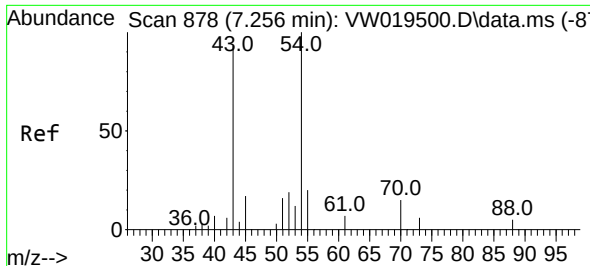
Tgt Ion:113 Resp: 148288
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

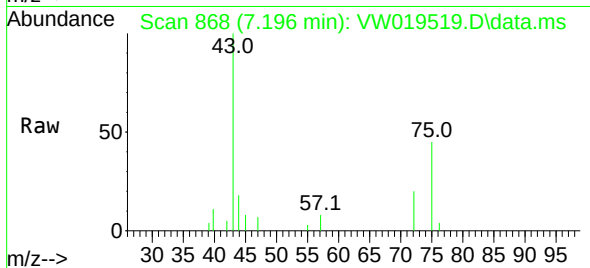
Tgt Ion: 75 Resp: 21070
Ion Ratio Lower Upper
75 100
110 8.4 16.6 49.7#
77 0.0 25.1 37.7#



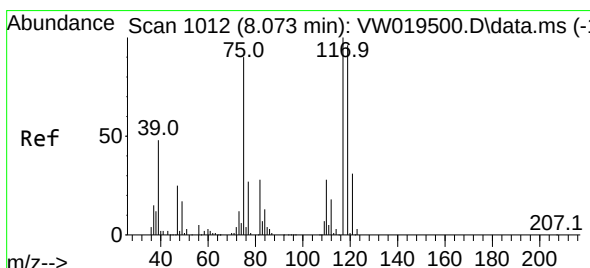
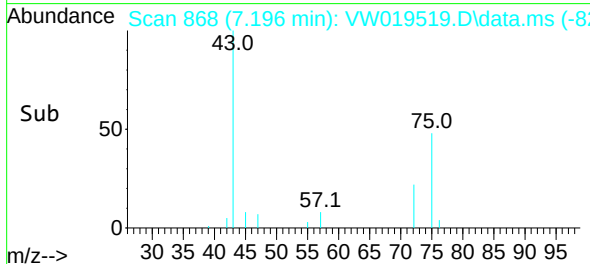
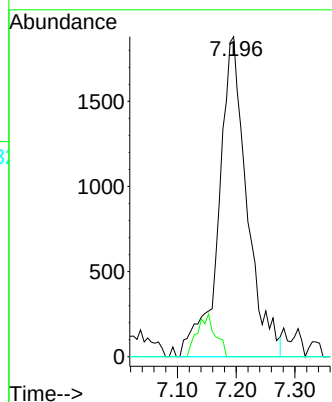


#37
Ethyl Acetate
Concen: 2.976 ug/l
RT: 7.196 min Scan# 868
Delta R.T. -0.061 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :

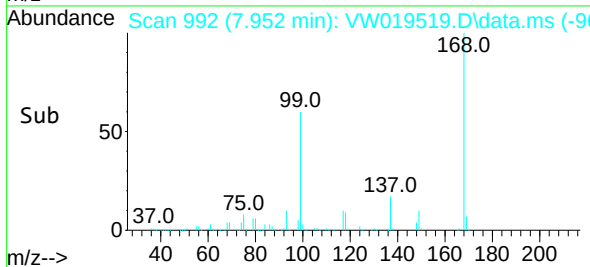
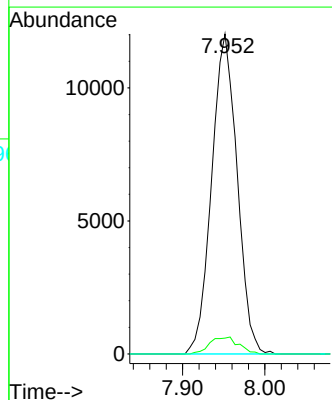
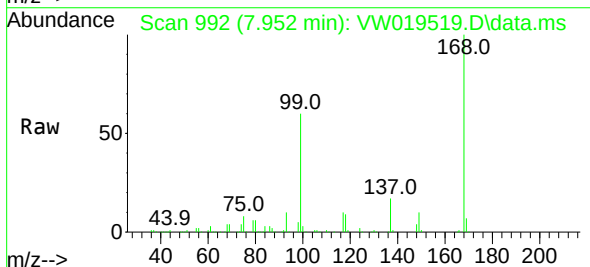


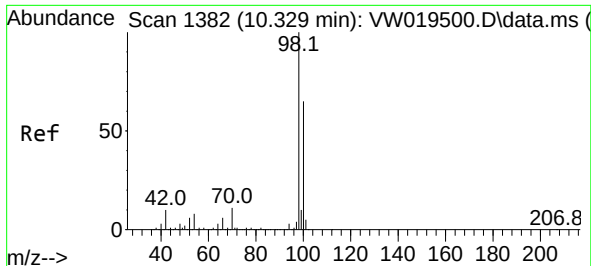
Tgt Ion: 43 Resp: 6280
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion: 117 Resp: 25889
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 24.8 37.2#

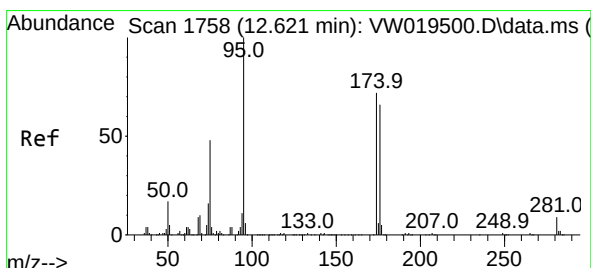
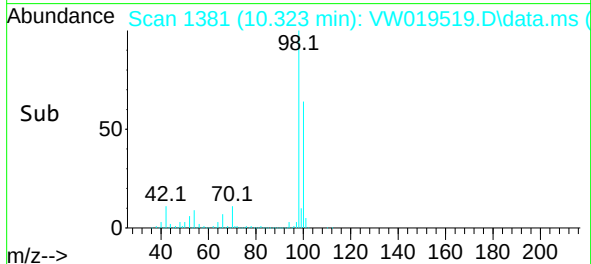
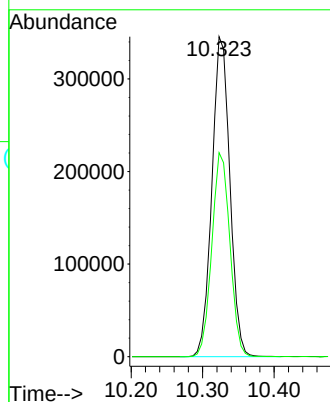
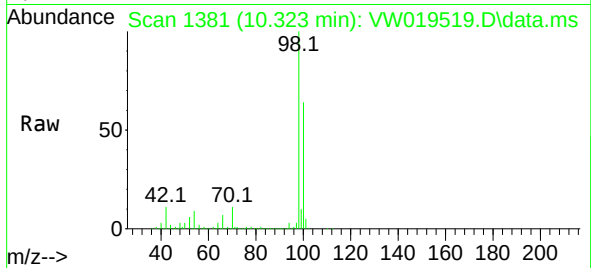




#50
Toluene-d8
Concen: 53.885 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

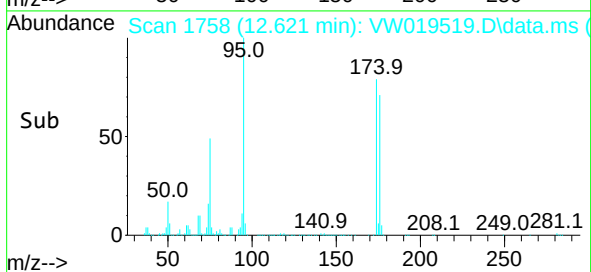
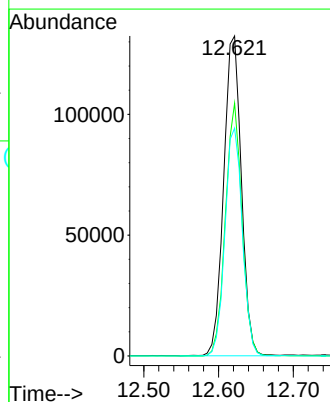
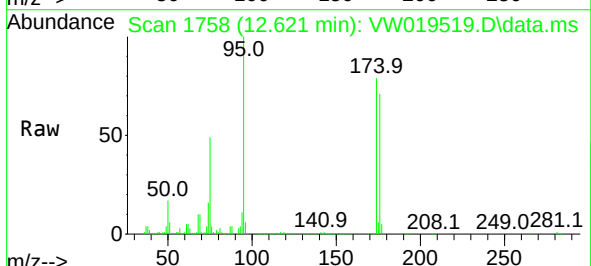
Instrument :
MSVOA_W
ClientSampleId :

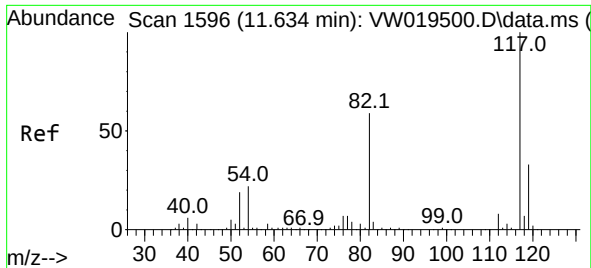
Tgt Ion: 98 Resp: 602046
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.043 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion: 95 Resp: 218111
Ion Ratio Lower Upper
95 100
174 74.3 0.0 146.6
176 70.2 0.0 136.8

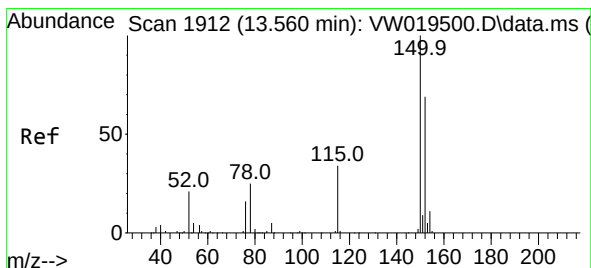
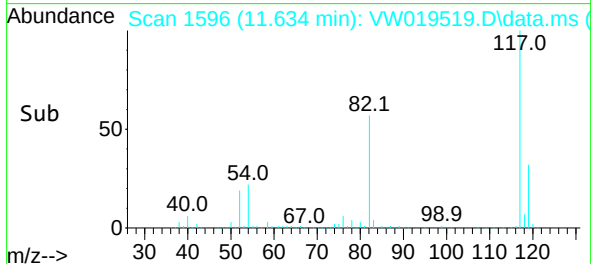
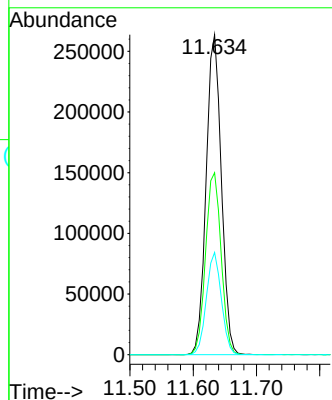
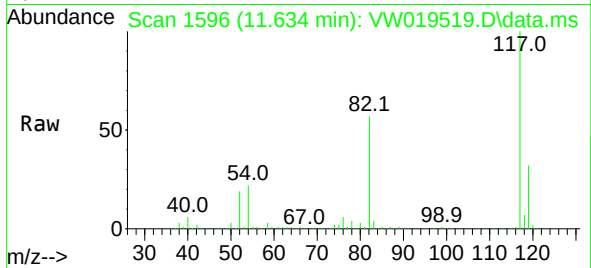




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

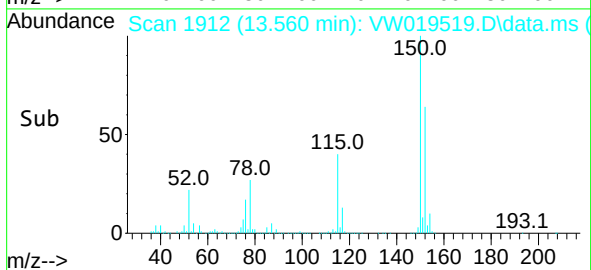
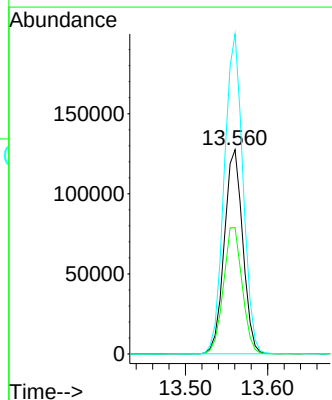
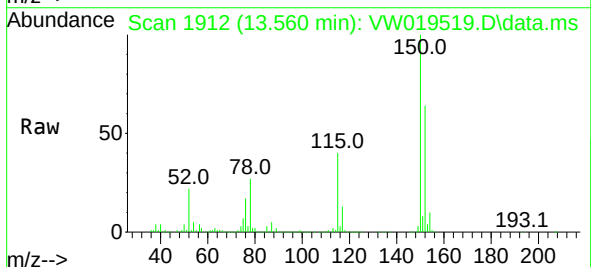
Instrument :
MSVOA_W
ClientSampled :

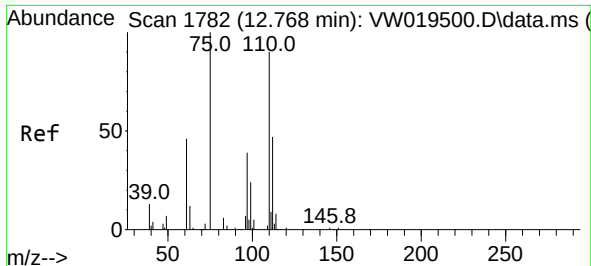
Tgt Ion:117 Resp: 440736
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.0
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion:152 Resp: 199474
Ion Ratio Lower Upper
152 100
115 62.9 30.6 91.8
150 158.4 0.0 342.4

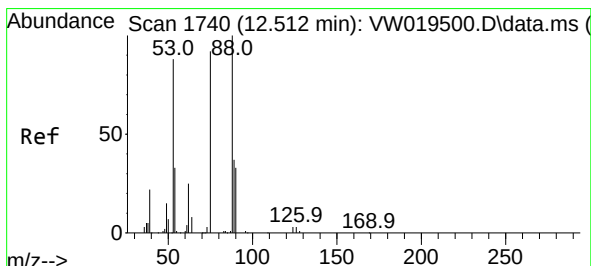
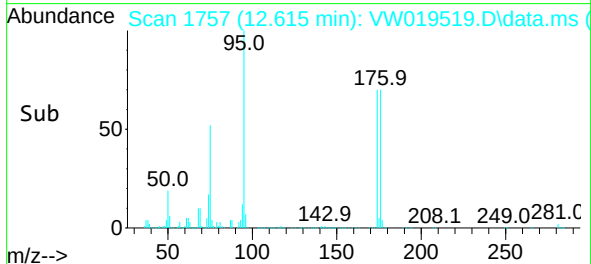
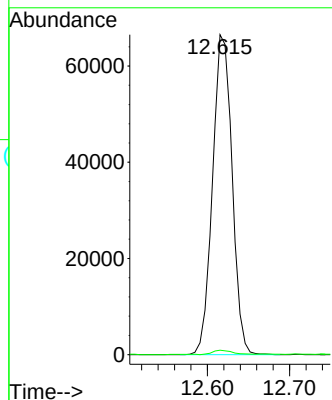
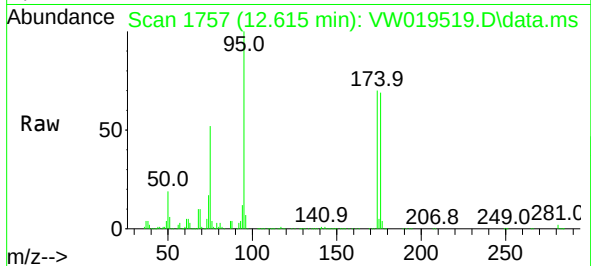




#76
1,2,3-Trichloropropane
Concen: 55.676 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 109763
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.886 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW019519.D
Acq: 20 Jul 2021 18:31

Tgt Ion: 75 Resp: 109763
Ion Ratio Lower Upper
75 100
53 0.3 75.8 113.8#
89 0.0 35.7 53.5#

