

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019518.D
 Acq On : 20 Jul 2021 18:06
 Operator : SY/VA
 Sample : M3076-01
 Misc : 5.00g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 02:05:54 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)

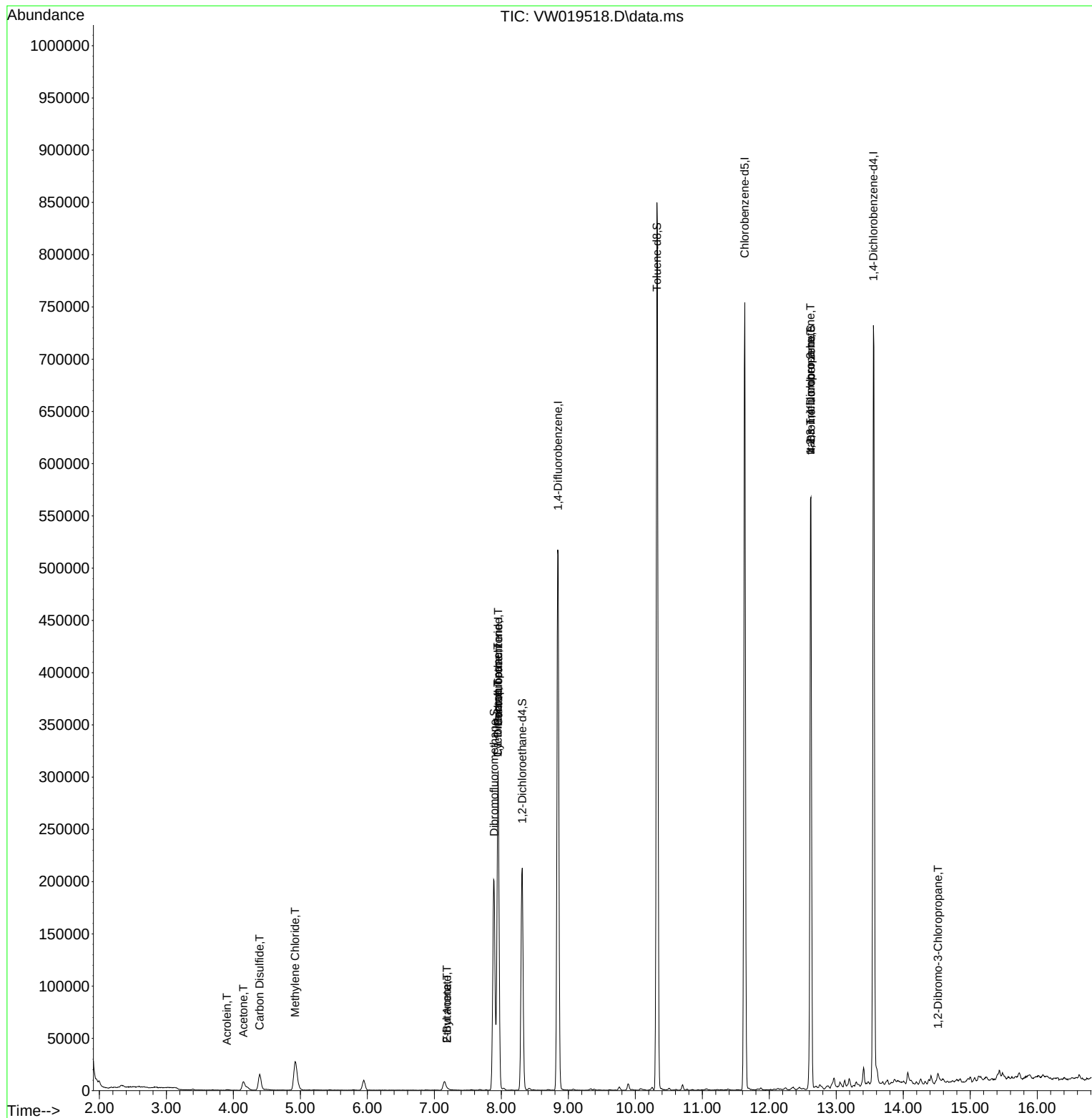
Internal Standards						
1) Pentafluorobenzene	7.952	168	218115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	434307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	406183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	190900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	173196	85.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.560%#	
35) Dibromofluoromethane	7.891	113	146847	55.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.680%	
50) Toluene-d8	10.323	98	560005	54.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	12.621	95	201916	52.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	495	Below Cal	#	73
13) Acrolein	3.904	56	842	5.807	ug/l	93
16) Acetone	4.147	43	17674	44.554	ug/l	100
17) Carbon Disulfide	4.391	76	34566	5.040	ug/l	97
20) Methylene Chloride	4.922	84	25430	5.697	ug/l	96
25) 2-Butanone	7.189	43	3495	5.122	ug/l	95
31) Cyclohexane	7.945	56	4919	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	17987	3.885	ug/l #	51
37) Ethyl Acetate	7.189	43	3495	1.801	ug/l #	67
38) Carbon Tetrachloride	7.952	117	22484	5.559	ug/l #	17
76) 1,2,3-Trichloropropane	12.615	75	102859	54.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	102859	124.245	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.517	75	604	1.335	ug/l #	5

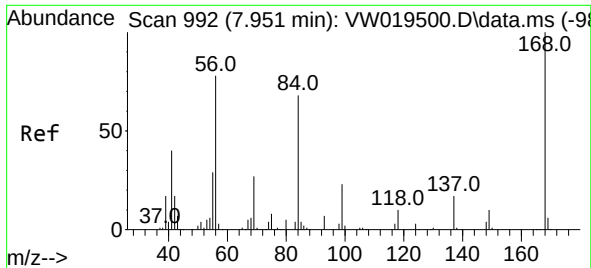
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Jul 21 02:05:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
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Response via : Initial Calibration

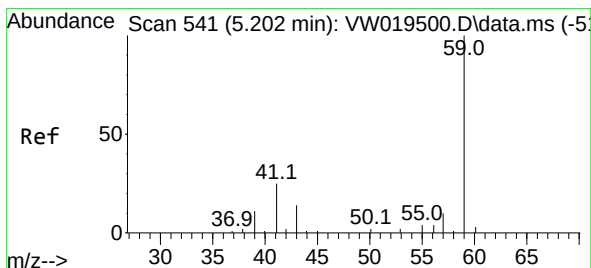
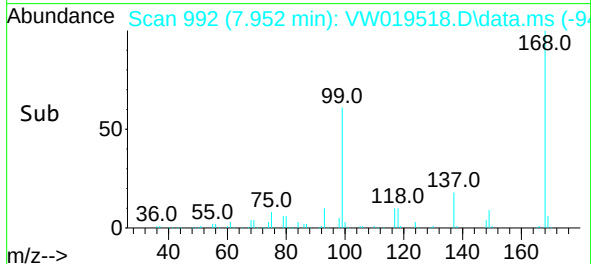
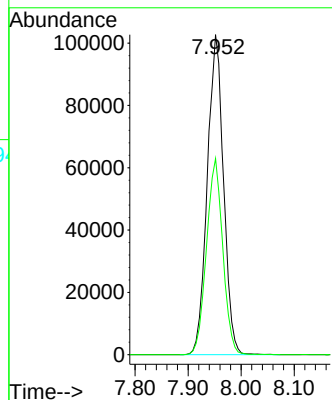
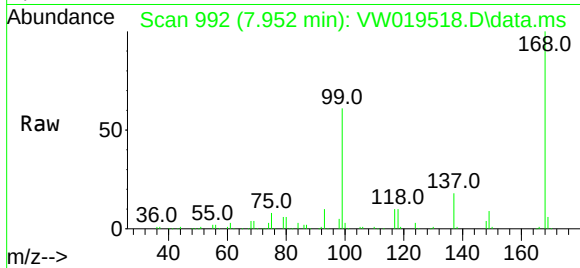




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

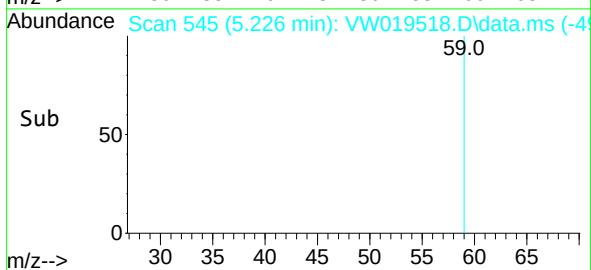
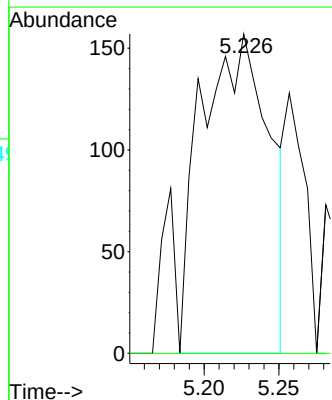
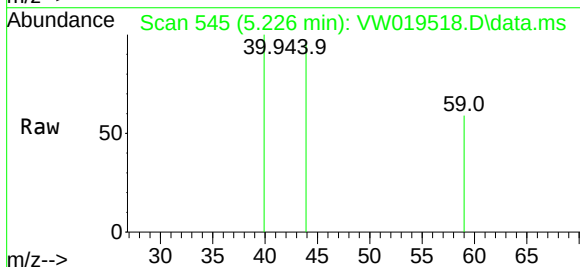
Instrument :
MSVOA_W
ClientSampleId :

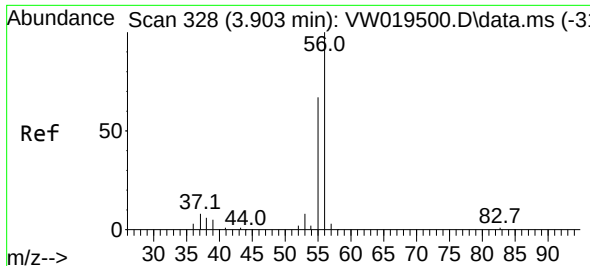
Tgt Ion:168 Resp: 218115
Ion Ratio Lower Upper
168 100
99 61.3 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 545
Delta R.T. 0.024 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

Tgt Ion: 59 Resp: 495
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

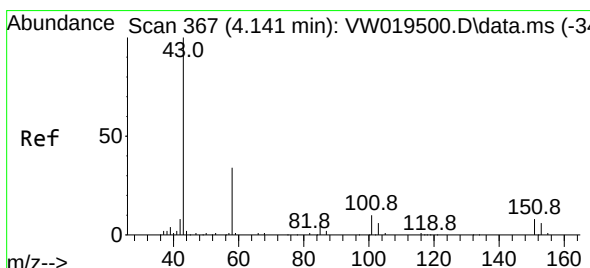
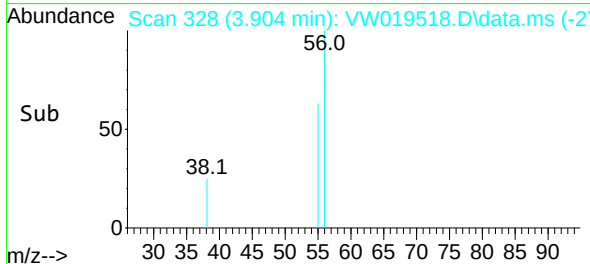
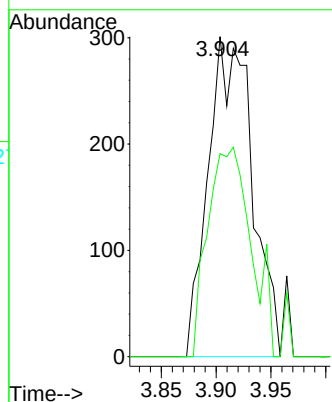
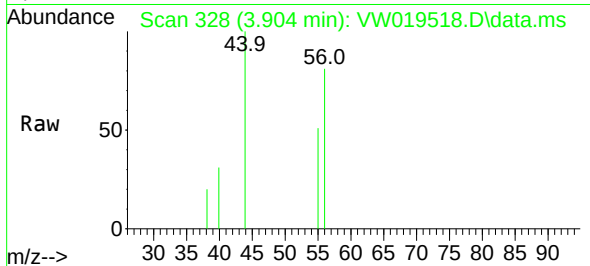




#13
Acrolein
Concen: 5.807 ug/l
RT: 3.904 min Scan# 328
Delta R.T. 0.000 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

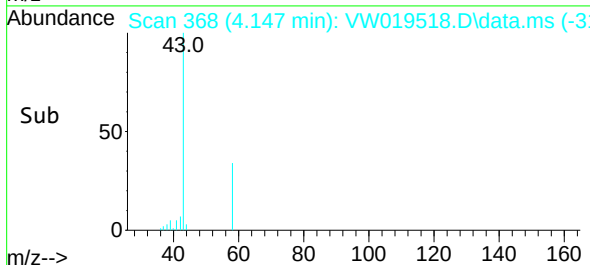
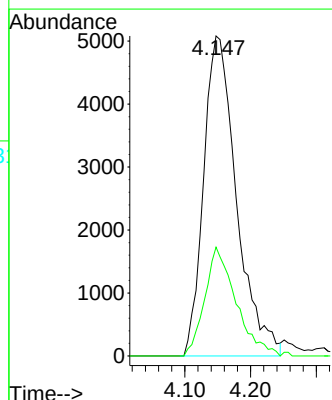
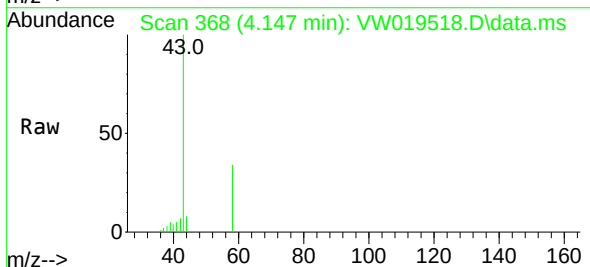
Instrument :
MSVOA_W
ClientSampled :

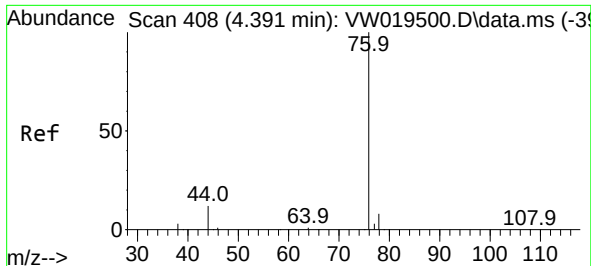
Tgt Ion: 56 Resp: 842
Ion Ratio Lower Upper
56 100
55 64.4 56.3 84.5



#16
Acetone
Concen: 44.554 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

Tgt Ion: 43 Resp: 17674
Ion Ratio Lower Upper
43 100
58 34.0 27.2 40.8

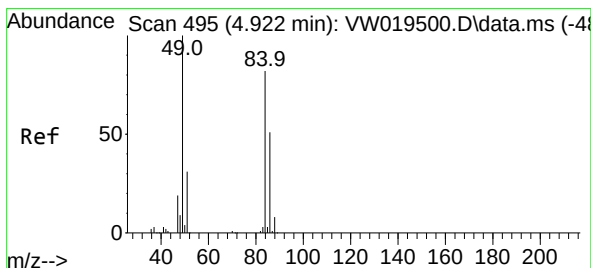
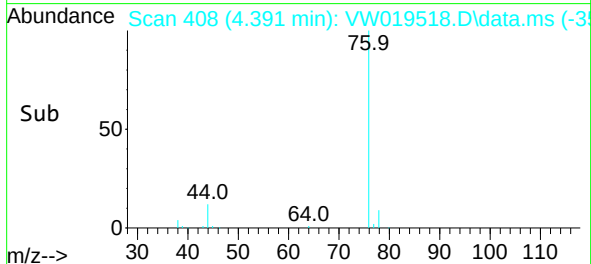
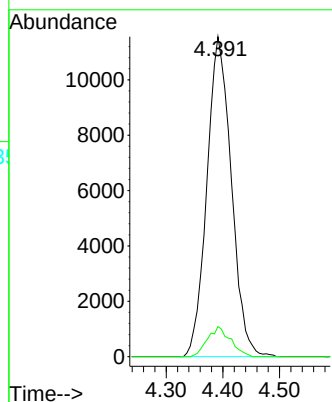
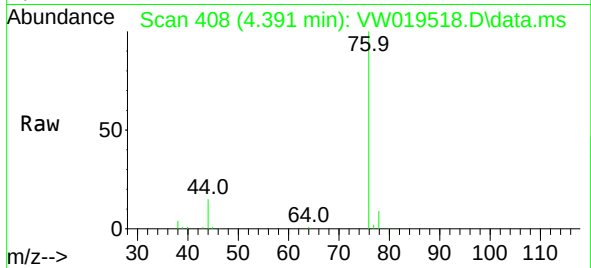




#17
Carbon Disulfide
Concen: 5.040 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

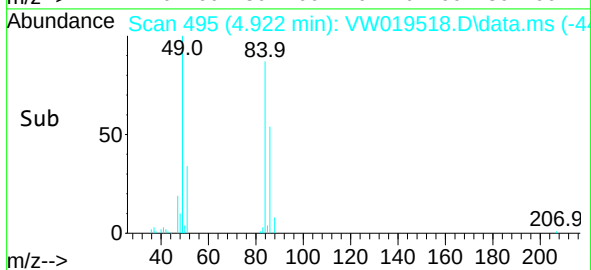
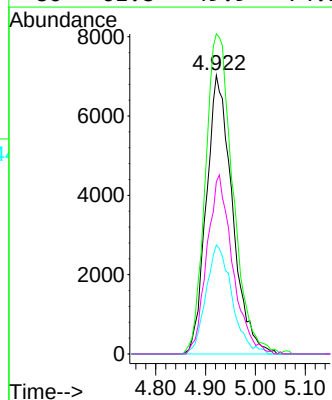
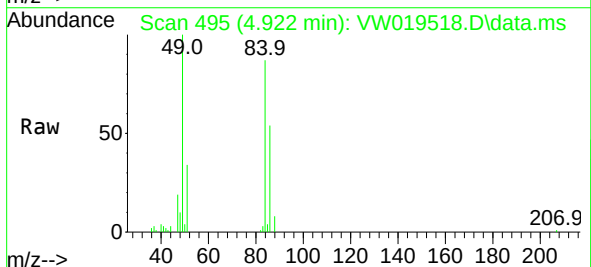
Instrument :
MSVOA_W
ClientSampled :

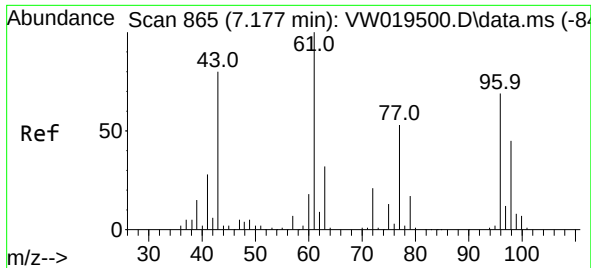
Tgt Ion: 76 Resp: 34566
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#20
Methylene Chloride
Concen: 5.697 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

Tgt Ion: 84 Resp: 25430
Ion Ratio Lower Upper
84 100
49 114.8 97.2 145.8
51 39.1 30.1 45.1
86 61.8 49.9 74.9

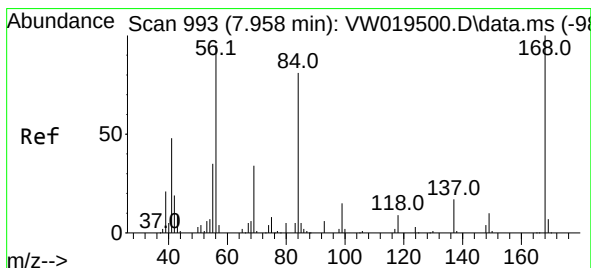
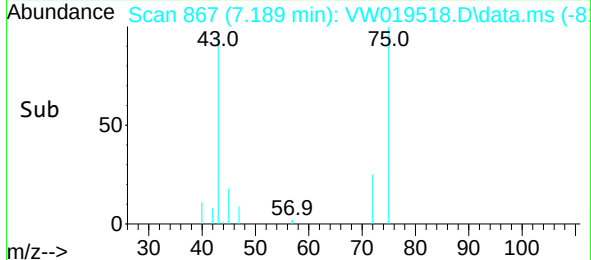
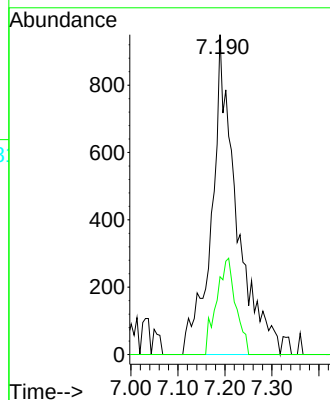
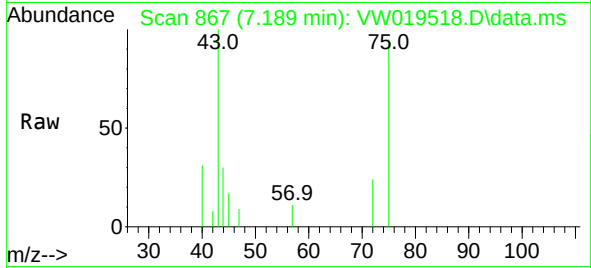




#25
2-Butanone
Concen: 5.122 ug/l
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

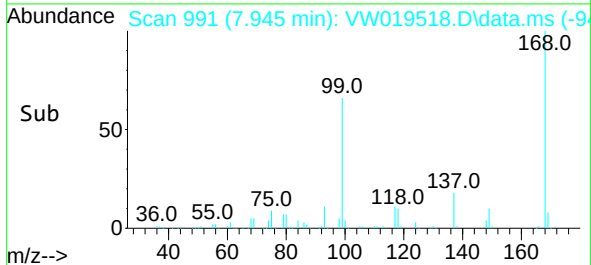
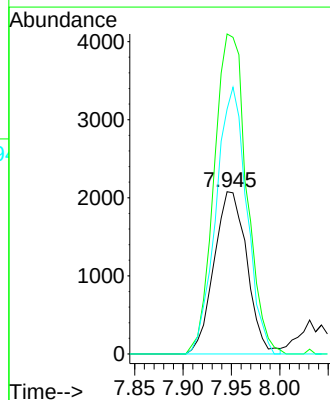
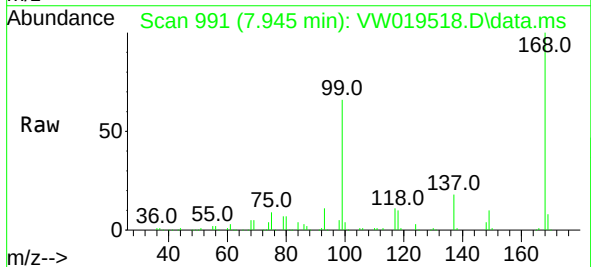
Instrument :
MSVOA_W
ClientSampled :

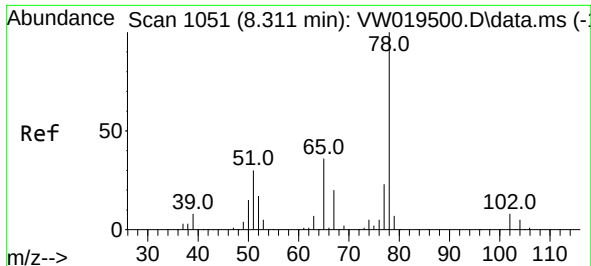
Tgt Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
72 24.3 21.4 32.0



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

Tgt Ion: 56 Resp: 4919
Ion Ratio Lower Upper
56 100
69 197.3 28.3 42.5#
84 150.9 68.1 102.1#

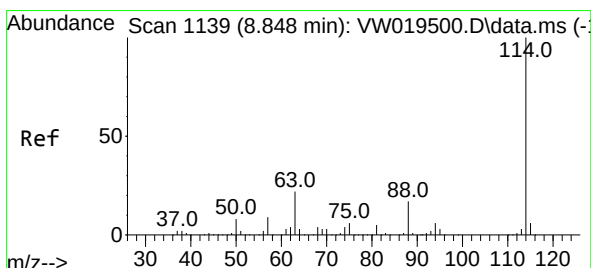
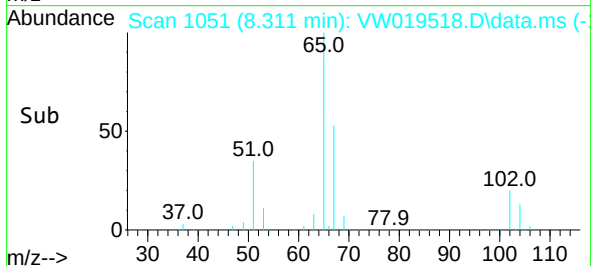
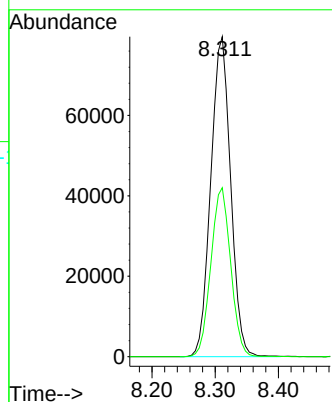
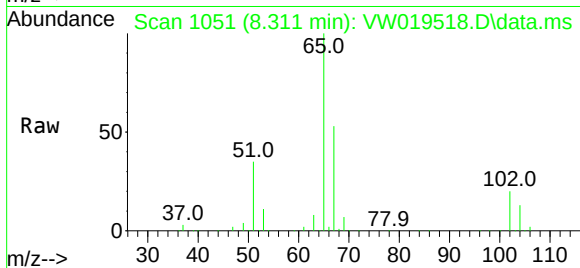




#33
1,2-Dichloroethane-d4
Concen: 85.277 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

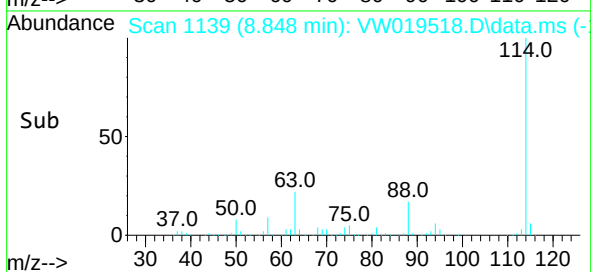
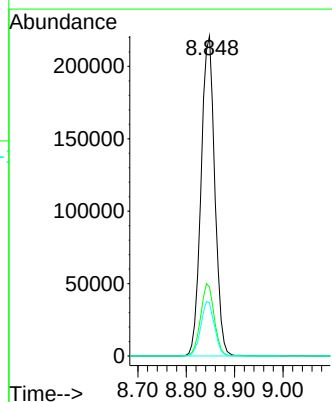
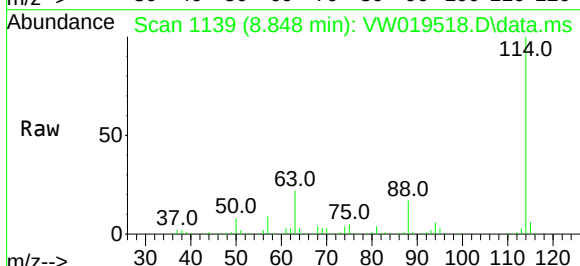
Instrument :
MSVOA_W
ClientSampleId :

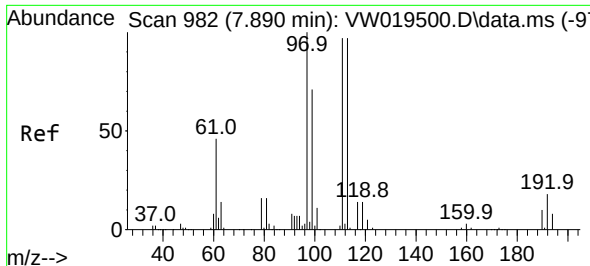
Tgt Ion: 65 Resp: 173196
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

Tgt Ion: 114 Resp: 434307
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.8
88 16.6 0.0 33.4

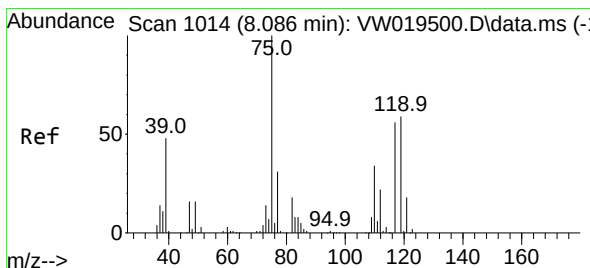
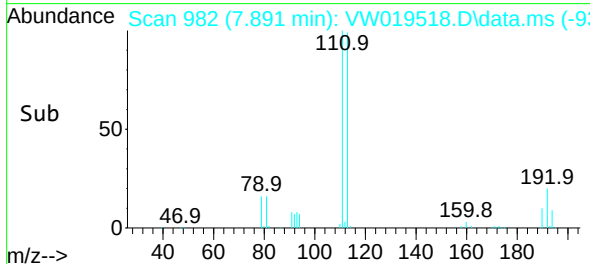
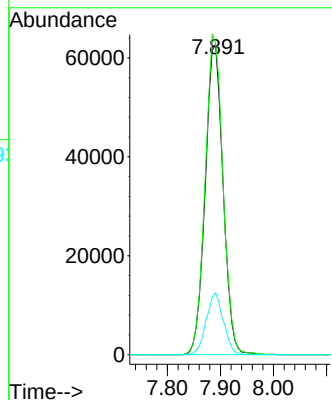
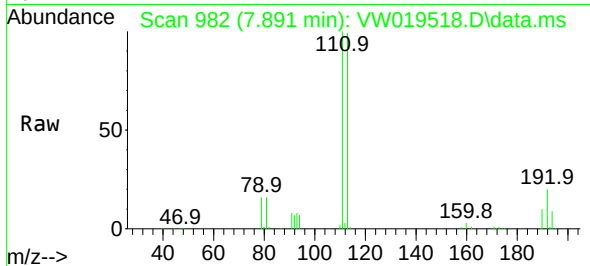




#35
Dibromofluoromethane
Concen: 55.342 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

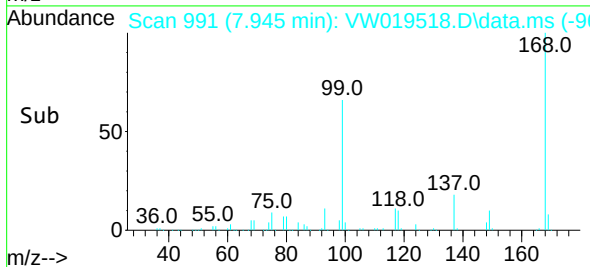
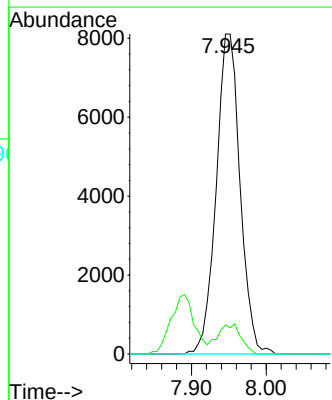
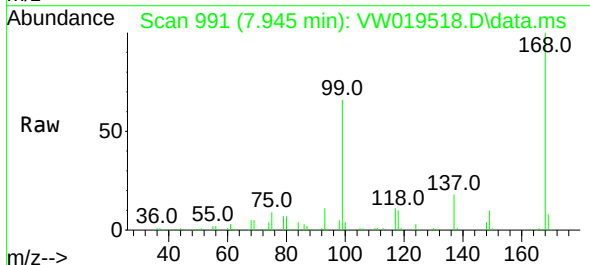
Instrument :
MSVOA_W
ClientSampleId :

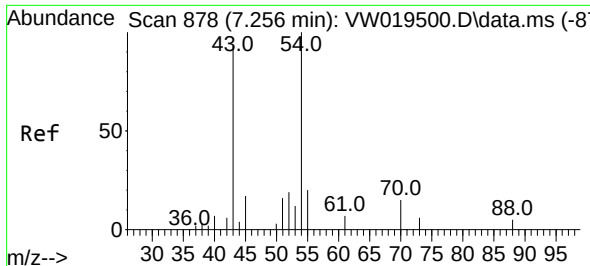
Tgt Ion:113 Resp: 146847
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 3.885 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

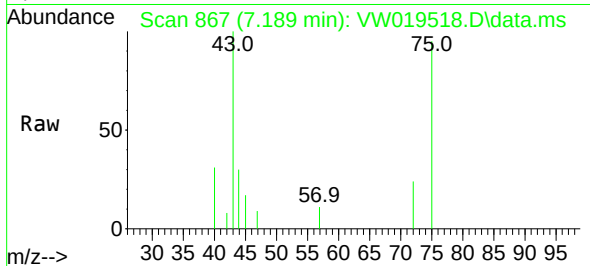
Tgt Ion: 75 Resp: 17987
Ion Ratio Lower Upper
75 100
110 9.3 16.6 49.7#
77 0.0 25.1 37.7#



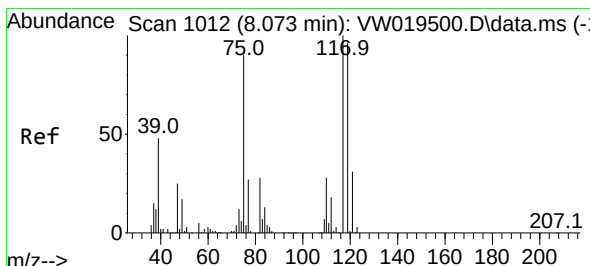
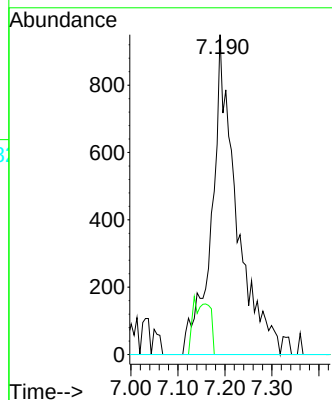
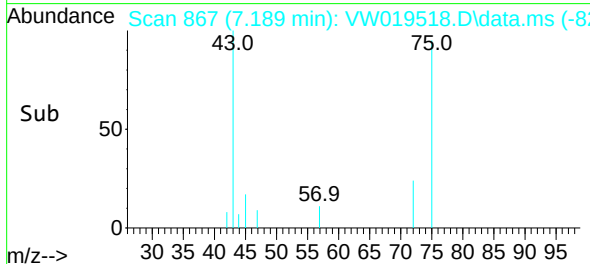


#37
Ethyl Acetate
Concen: 1.801 ug/l
RT: 7.189 min Scan# 867
Delta R.T. -0.067 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

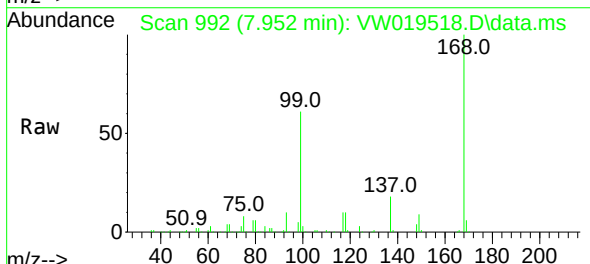
Instrument :
MSVOA_W
ClientSampleId :



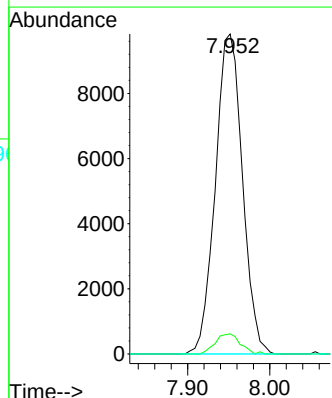
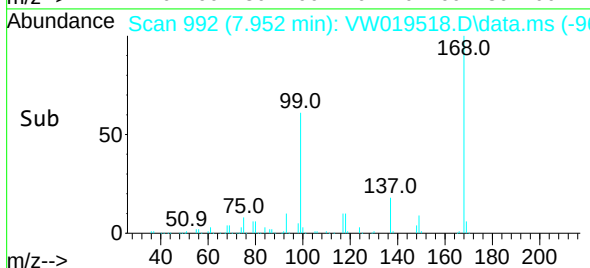
Tgt Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.4 14.0#

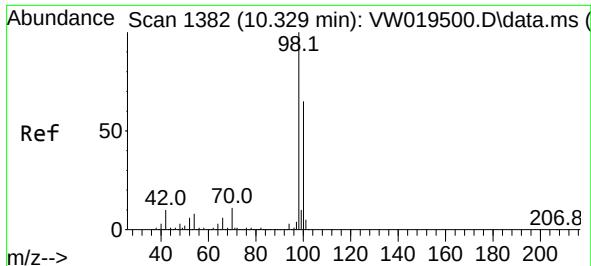


#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06



Tgt Ion: 117 Resp: 22484
Ion Ratio Lower Upper
117 100
119 6.3 76.7 115.1#
121 0.0 24.8 37.2#

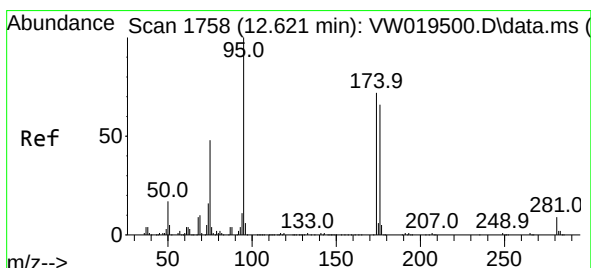
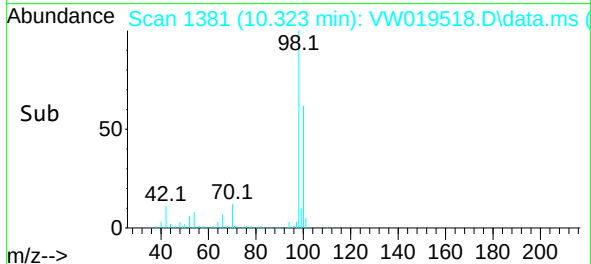
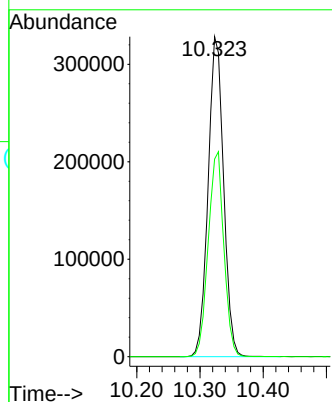
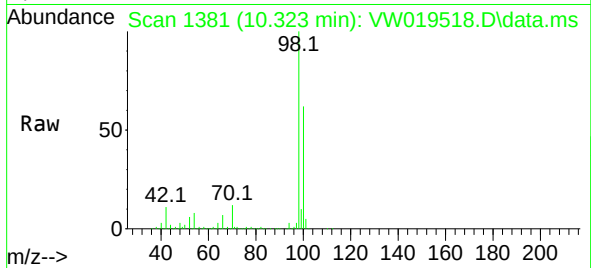




#50
Toluene-d8
Concen: 54.509 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

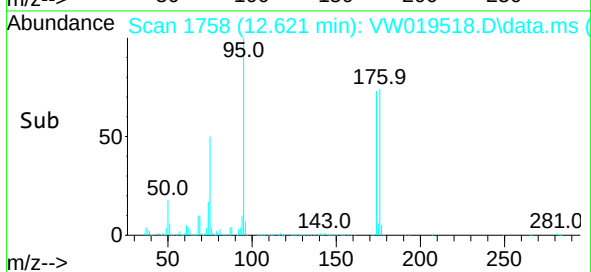
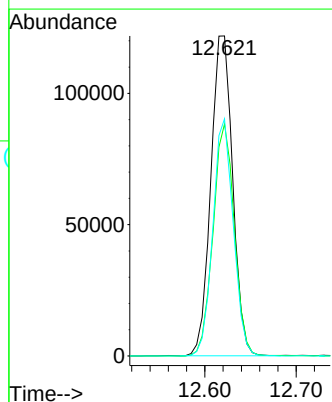
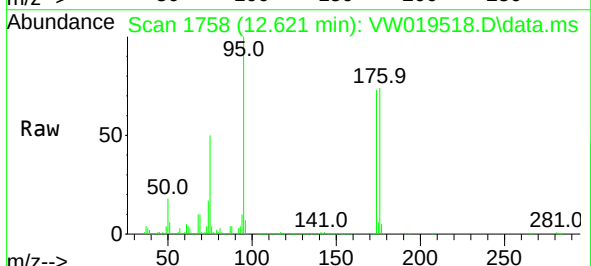
Instrument :
MSVOA_W
ClientSampled :

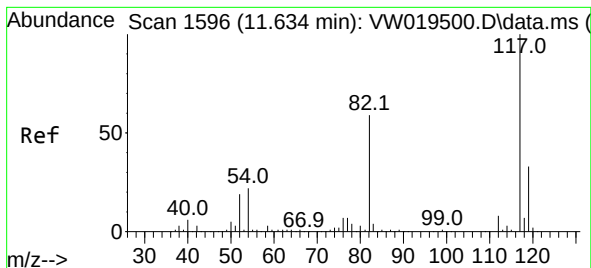
Tgt Ion: 98 Resp: 560005
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.396 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

Tgt Ion: 95 Resp: 201916
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.6
176 69.5 0.0 136.8

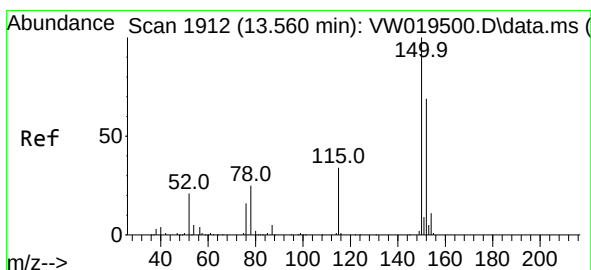
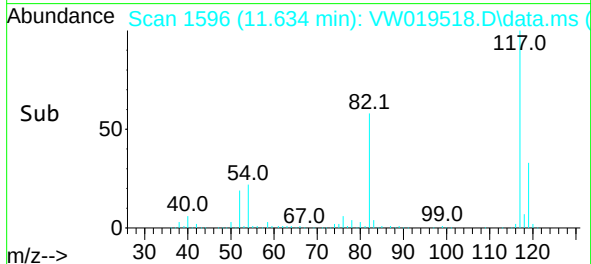
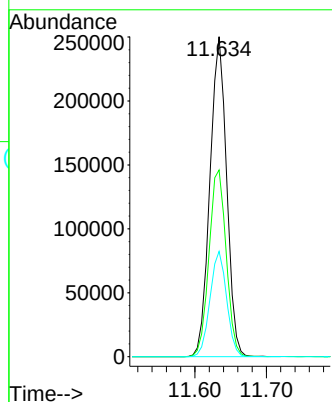
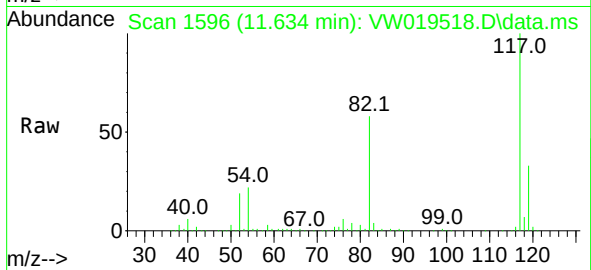




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

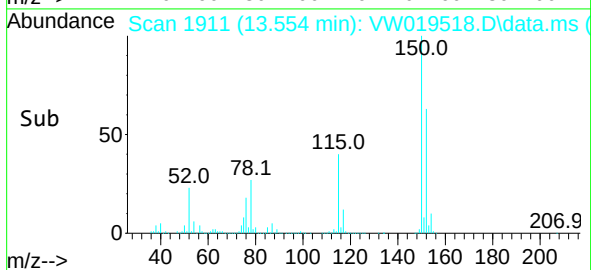
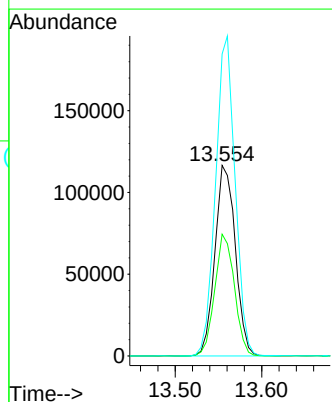
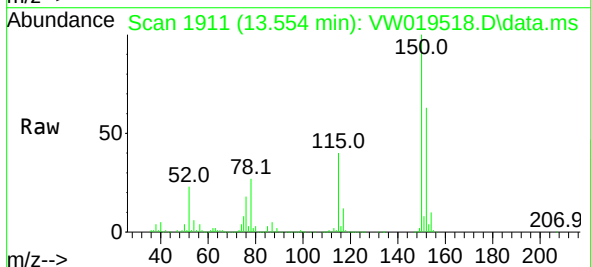
Instrument :
MSVOA_W
ClientSampled :

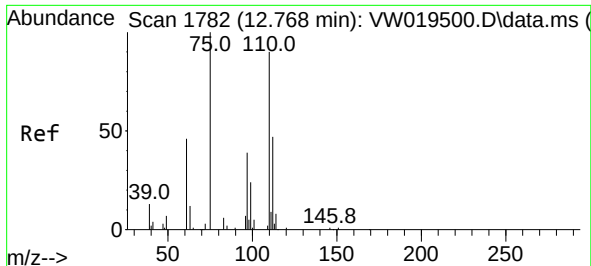
Tgt Ion:117 Resp: 406183
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

Tgt Ion:152 Resp: 190900
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.8
150 160.9 0.0 342.4

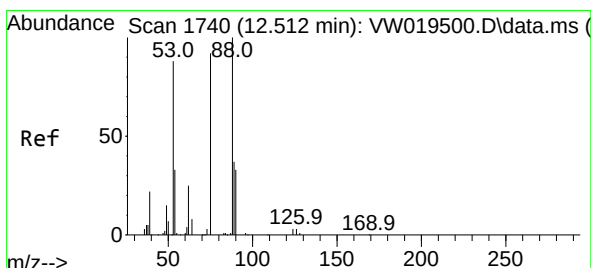
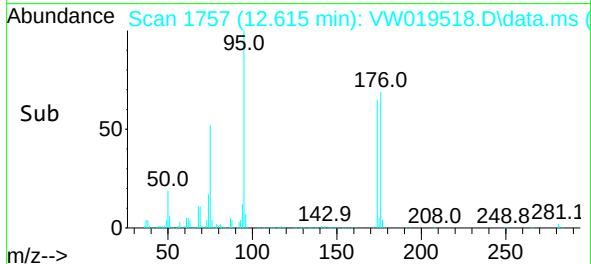
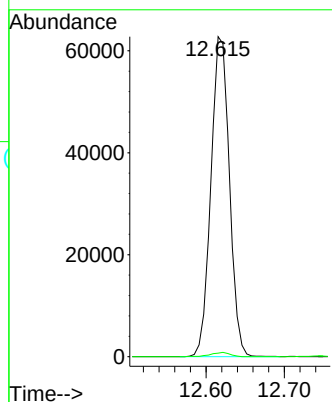
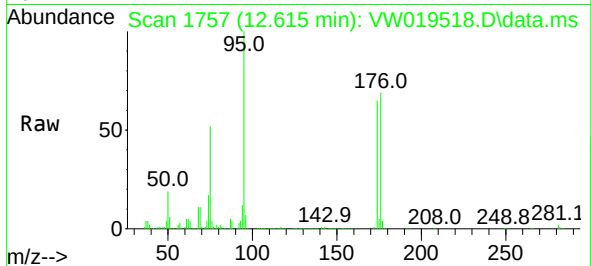




#76
1,2,3-Trichloropropane
Concen: 54.518 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

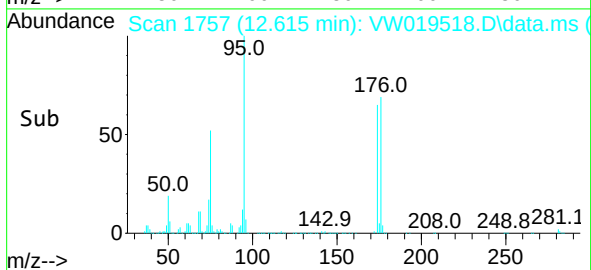
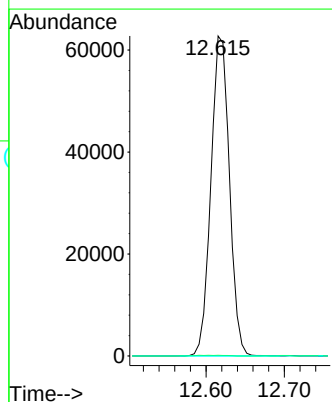
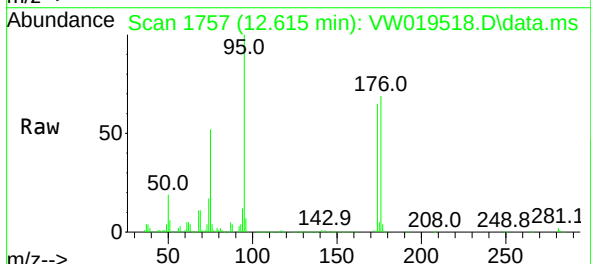
Instrument :
MSVOA_W
ClientSampleId :

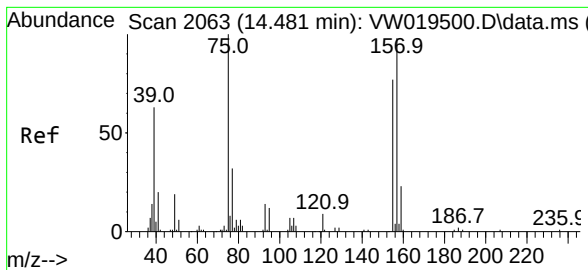
Tgt Ion: 75 Resp: 102859
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.245 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW019518.D
Acq: 20 Jul 2021 18:06

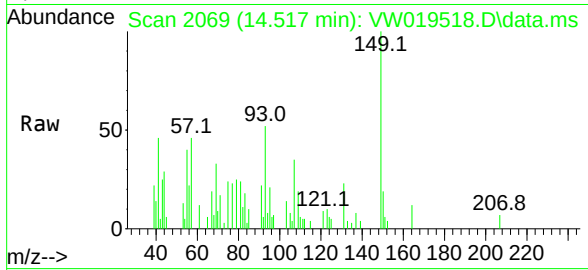
Tgt Ion: 75 Resp: 102859
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 35.7 53.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.335 ug/l
 RT: 14.517 min Scan# 2069
 Delta R.T. 0.037 min
 Lab File: VW019518.D
 Acq: 20 Jul 2021 18:06

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 604
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.4 115.2#
 157 0.0 48.9 146.6#

