

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019578.D
 Acq On : 23 Jul 2021 17:17
 Operator : SY/VA
 Sample : M3143-02
 Misc : 6.18g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:20:21 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)

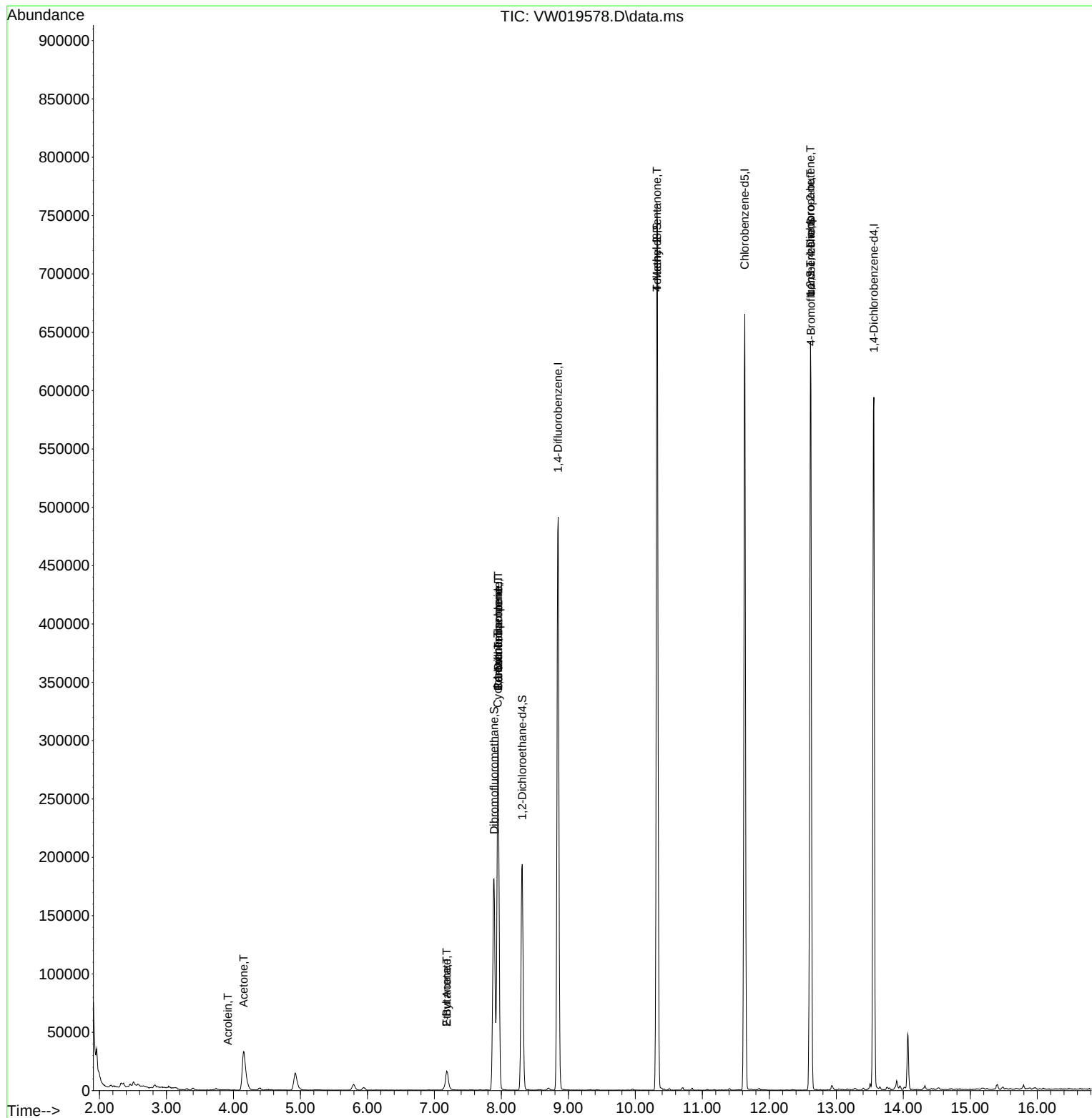
Internal Standards						
1) Pentafluorobenzene	7.951	168	220264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	410891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	371578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	159140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	157643	76.367	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.740%			
35) Dibromofluoromethane	7.890	113	132592	52.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.640%			
50) Toluene-d8	10.323	98	506297	52.090	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.180%			
62) 4-Bromofluorobenzene	12.621	95	177511	48.688	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.380%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.220	59	504	Below Cal	#	73
13) Acrolein	3.916	56	606	4.139	ug/l	93
16) Acetone	4.153	43	78726	196.523	ug/l	98
25) 2-Butanone	7.183	43	29948	43.459	ug/l	99
31) Cyclohexane	7.945	56	4815	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.951	75	18358	4.191	ug/l #	50
37) Ethyl Acetate	7.183	43	29948	16.313	ug/l #	67
38) Carbon Tetrachloride	7.951	117	23210	6.065	ug/l #	15
51) 4-Methyl-2-Pentanone	10.323	43	2392	1.351	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	90880	57.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	90880	131.684	ug/l #	12

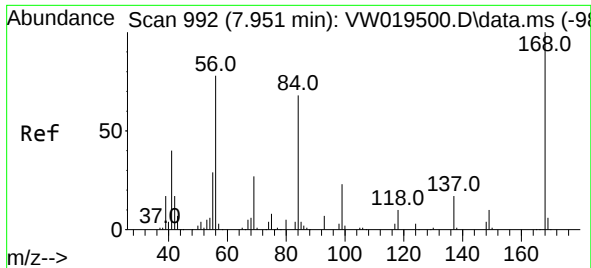
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
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QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration

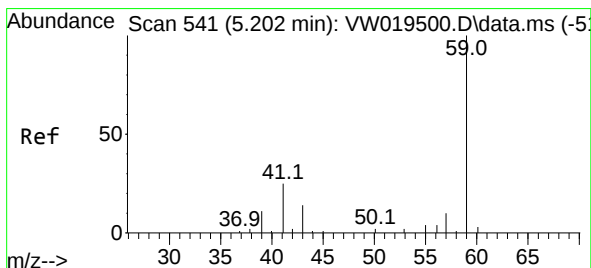
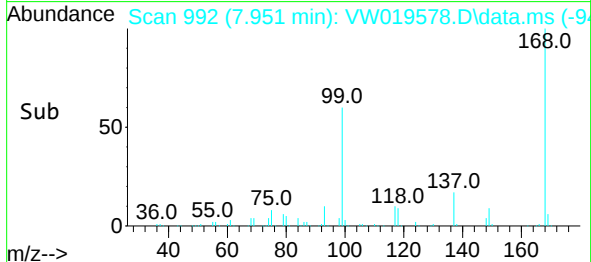
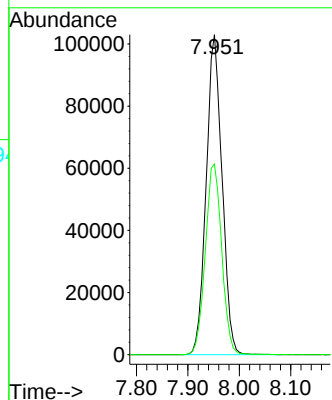
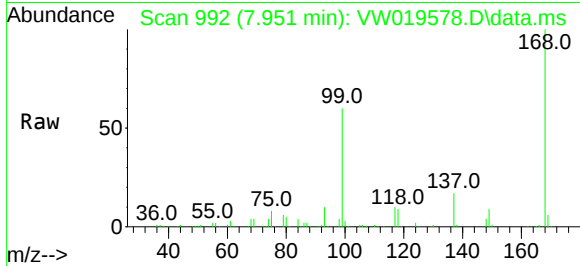




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

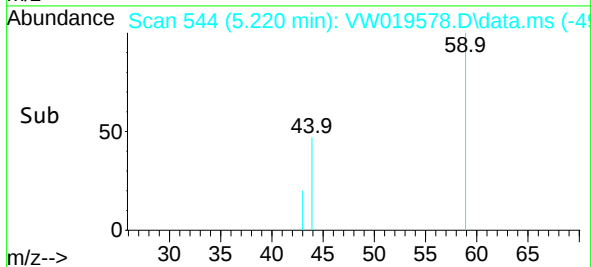
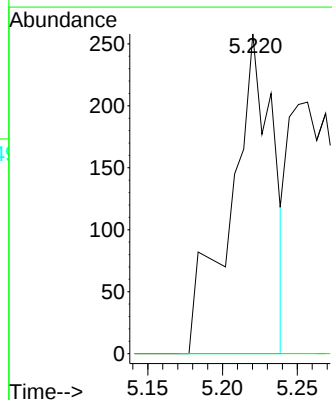
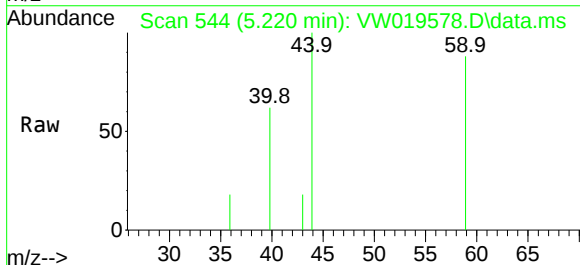
Instrument :
MSVOA_W
ClientSampleId :

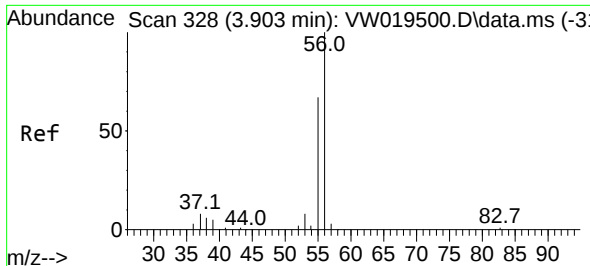
Tgt Ion:168 Resp: 220264
Ion Ratio Lower Upper
168 100
99 59.6 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 544
Delta R.T. 0.018 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

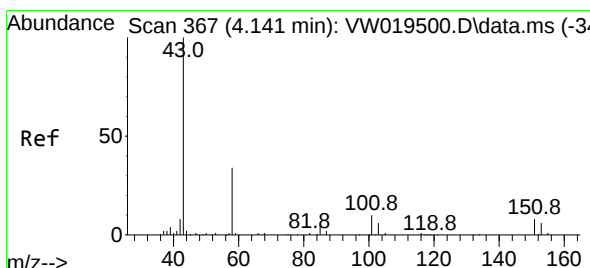
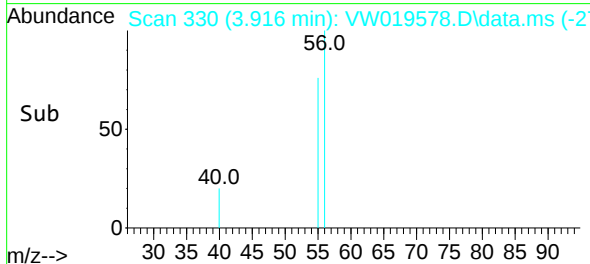
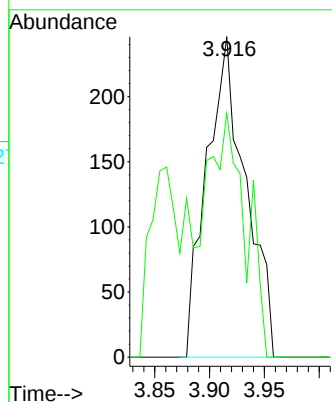
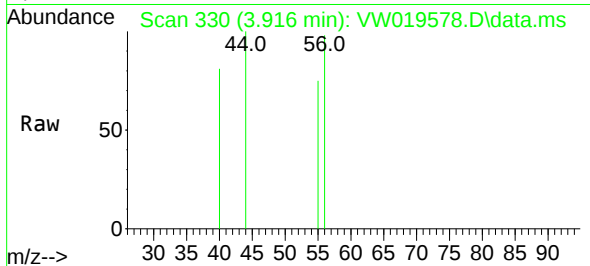




#13
Acrolein
Concen: 4.139 ug/l
RT: 3.916 min Scan# 330
Delta R.T. 0.012 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

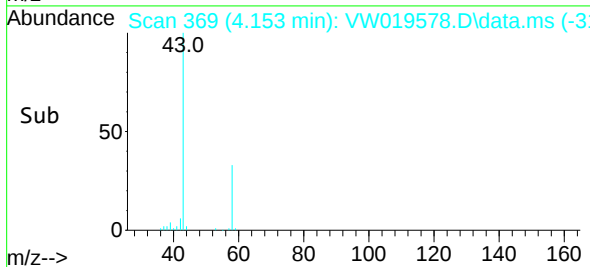
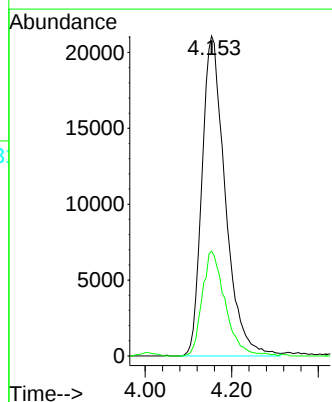
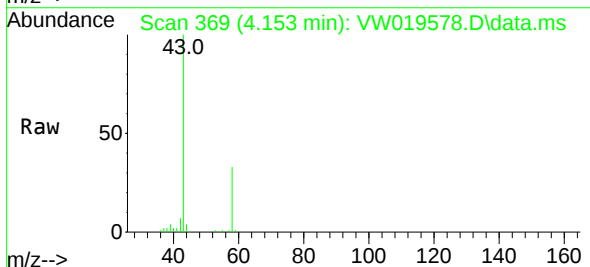
Instrument :
MSVOA_W
ClientSampled :

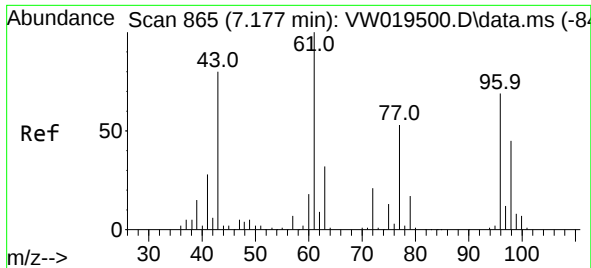
Tgt Ion: 56 Resp: 606
Ion Ratio Lower Upper
56 100
55 76.1 56.3 84.5



#16
Acetone
Concen: 196.523 ug/l
RT: 4.153 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 43 Resp: 78726
Ion Ratio Lower Upper
43 100
58 32.7 27.2 40.8

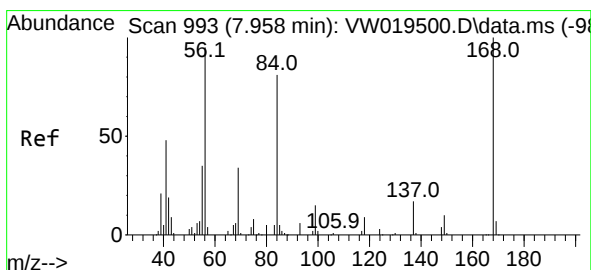
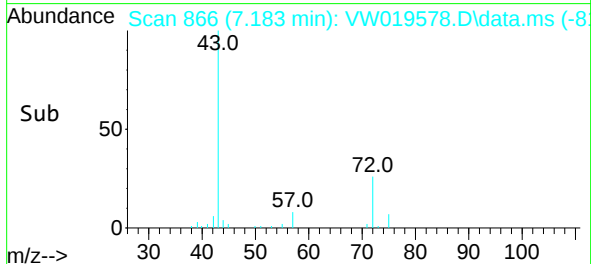
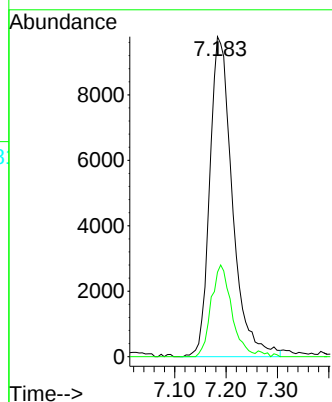
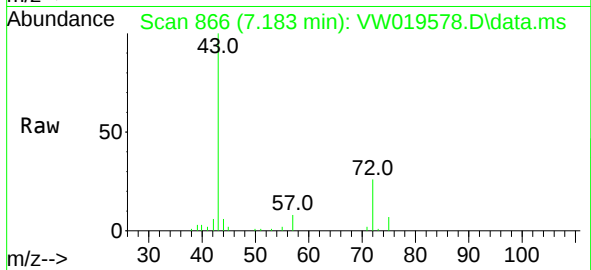




#25
2-Butanone
Concen: 43.459 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

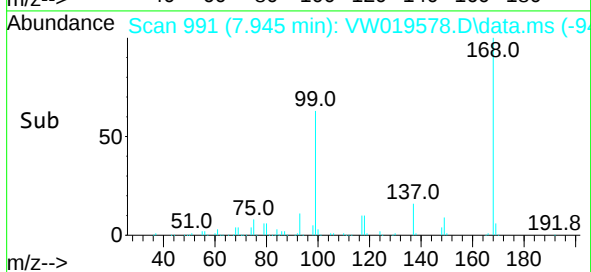
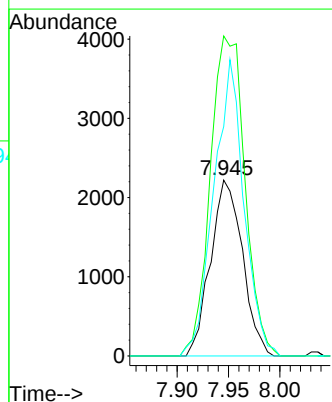
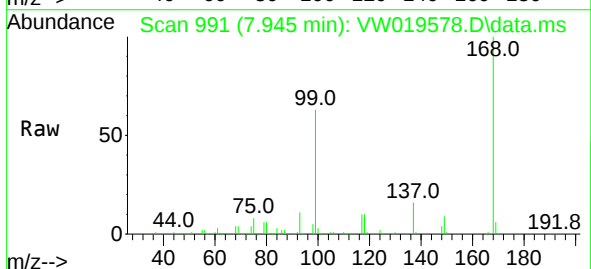
Instrument :
MSVOA_W
ClientSampled :

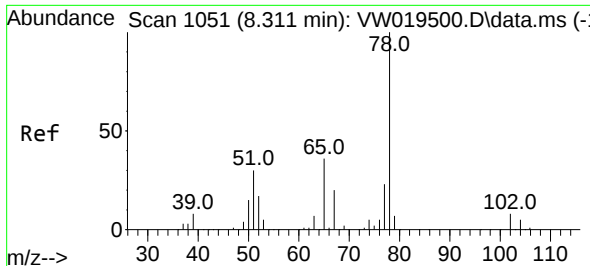
Tgt Ion: 43 Resp: 29948
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.0



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 56 Resp: 4815
Ion Ratio Lower Upper
56 100
69 181.9 28.3 42.5#
84 134.6 68.1 102.1#

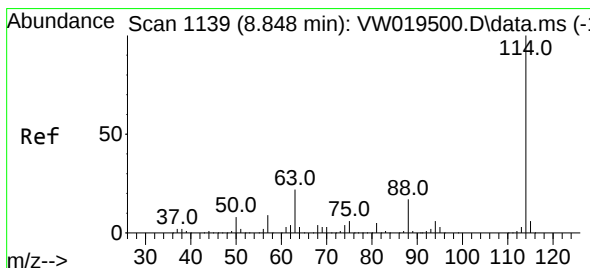
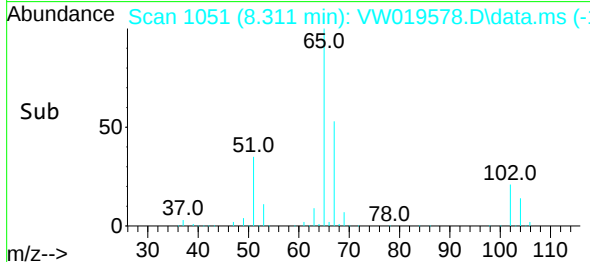
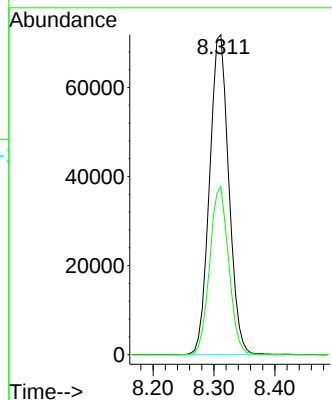
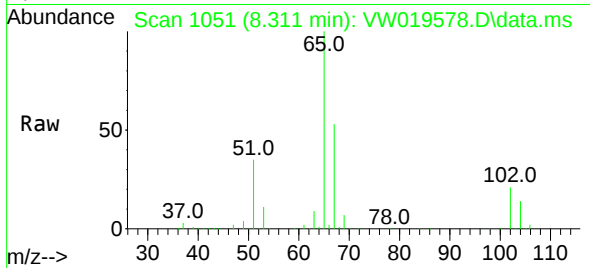




#33
1,2-Dichloroethane-d4
Concen: 76.367 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

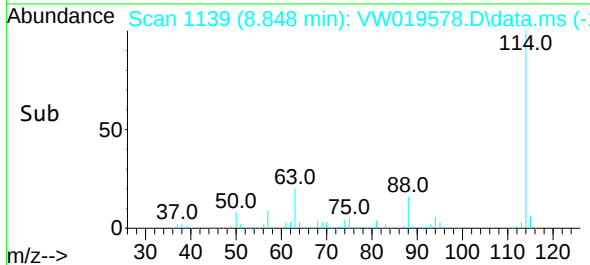
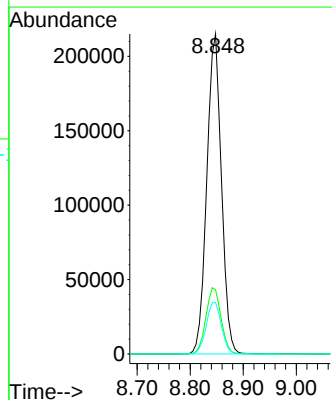
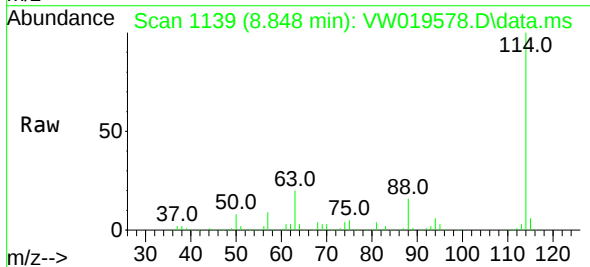
Instrument :
MSVOA_W
ClientSampled :

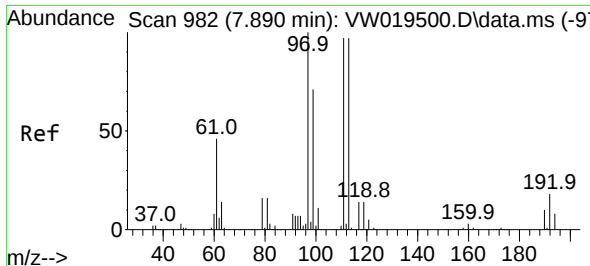
Tgt Ion: 65 Resp: 157643
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 114 Resp: 410891
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.8
88 16.0 0.0 33.4

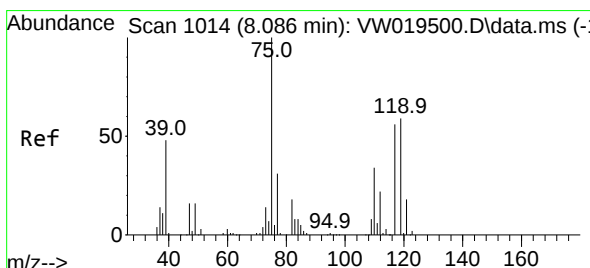
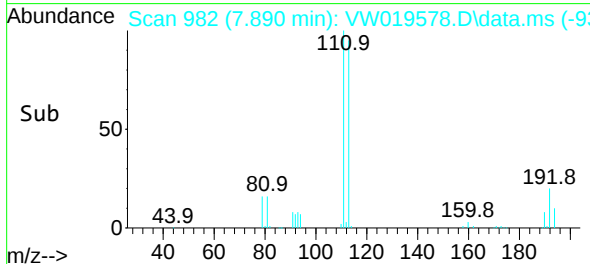
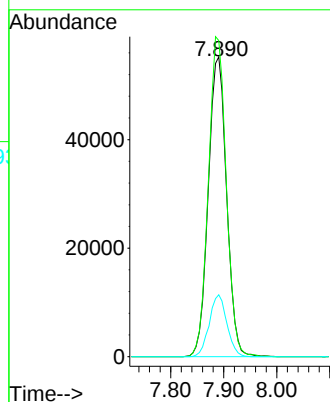
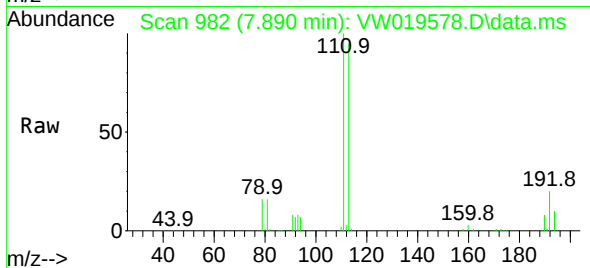




#35
Dibromofluoromethane
Concen: 52.818 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

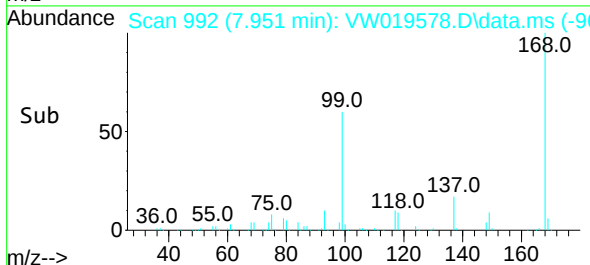
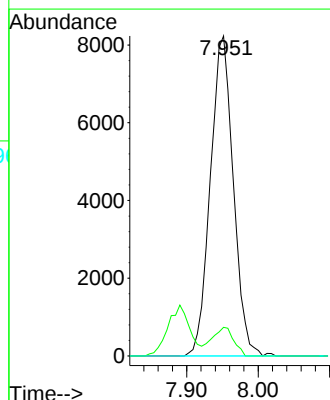
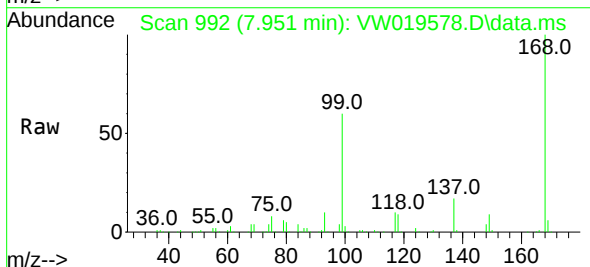
Instrument :
MSVOA_W
ClientSampleId :

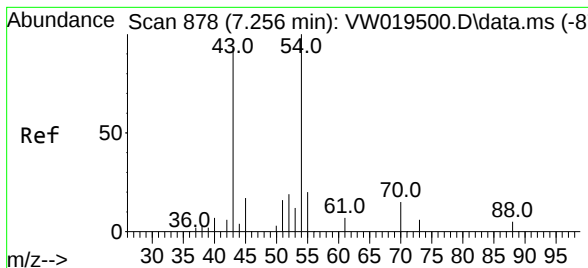
Tgt Ion:113 Resp: 132592
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.6
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.191 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 75 Resp: 18358
Ion Ratio Lower Upper
75 100
110 8.5 16.6 49.7#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 16.313 ug/l

RT: 7.183 min Scan# 866

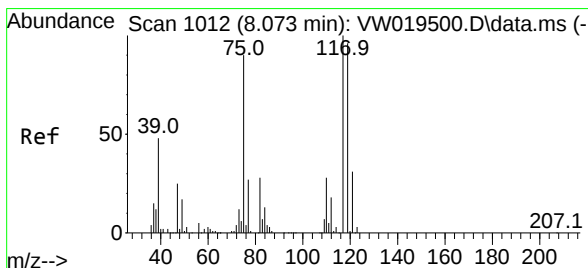
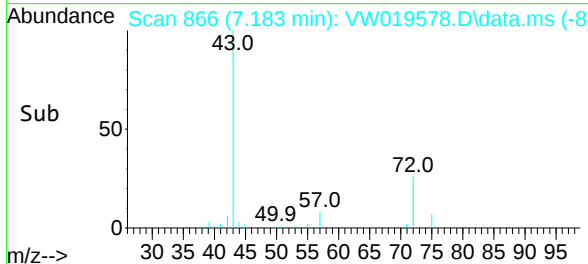
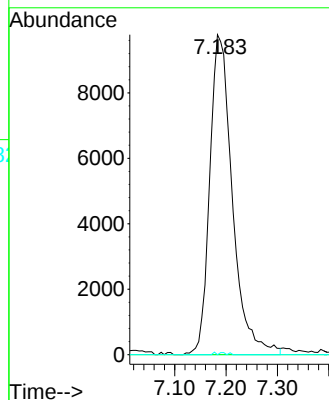
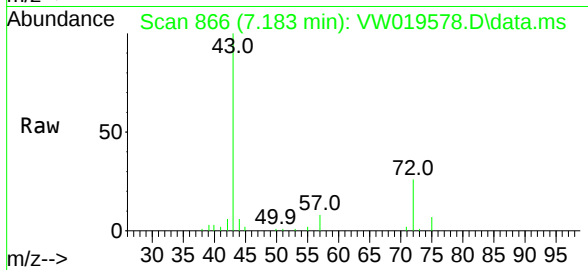
Delta R.T. -0.073 min

Lab File: VW019578.D

Acq: 23 Jul 2021 17:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	43	Resp:	29948
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.2	9.4	14.0#



#38

Carbon Tetrachloride

Concen: 6.065 ug/l

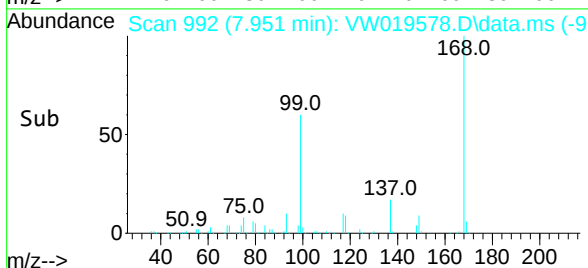
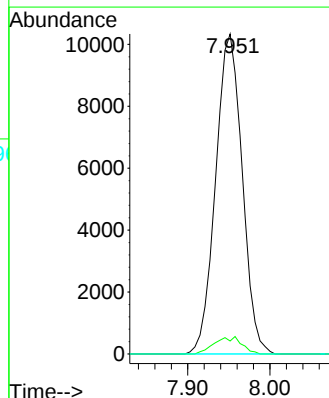
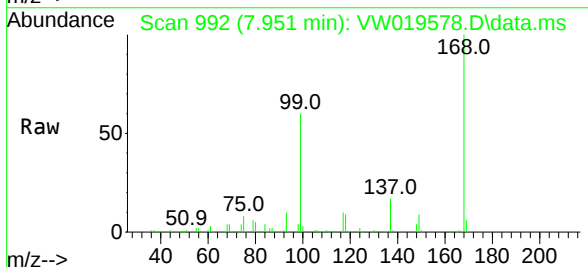
RT: 7.951 min Scan# 992

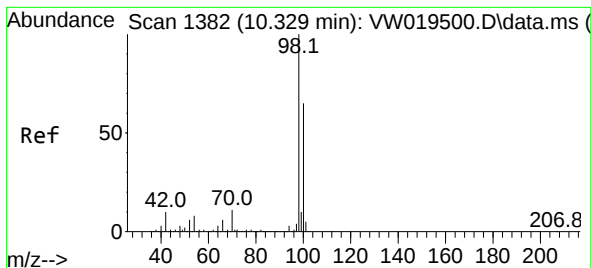
Delta R.T. -0.122 min

Lab File: VW019578.D

Acq: 23 Jul 2021 17:17

Tgt Ion:	117	Resp:	23210
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.7	115.1#
121	0.0	24.8	37.2#

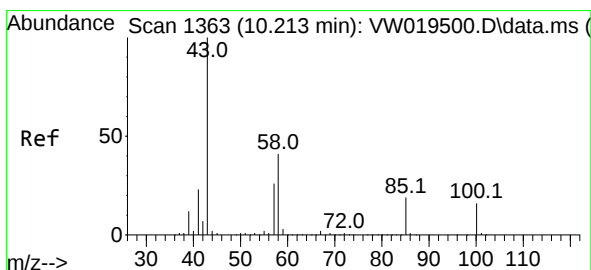
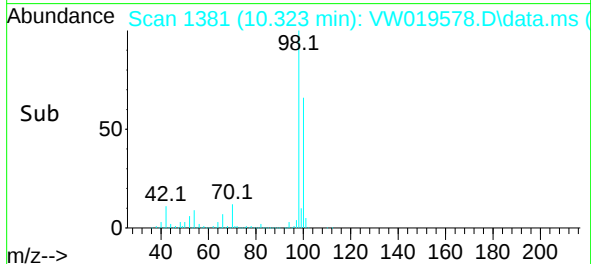
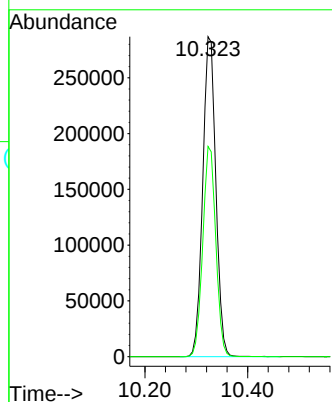
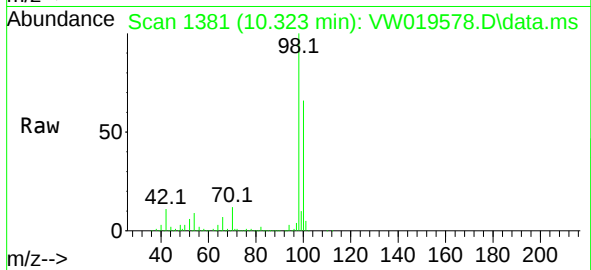




#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

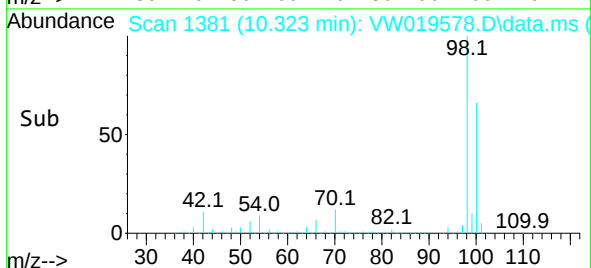
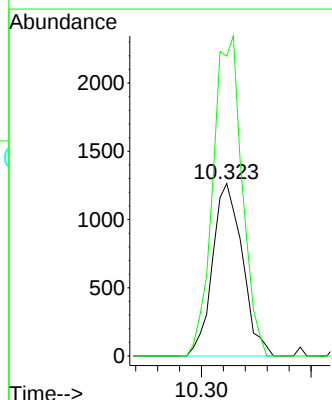
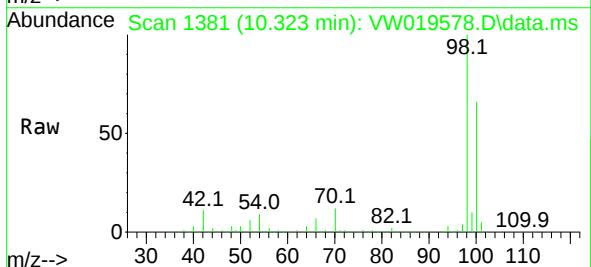
Instrument :
MSVOA_W
ClientSampled :

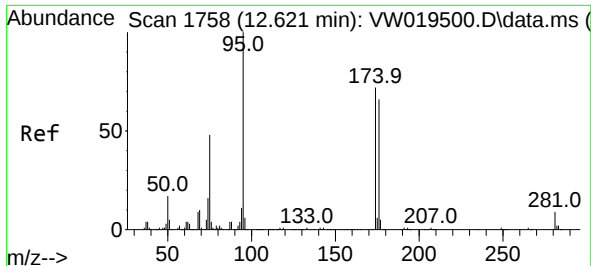
Tgt Ion: 98 Resp: 506297
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.351 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 181.1 33.4 50.0#

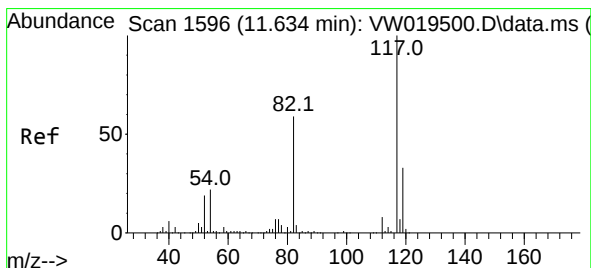
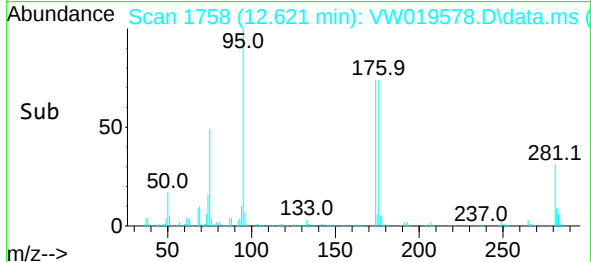
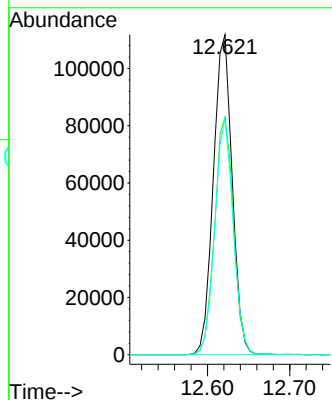
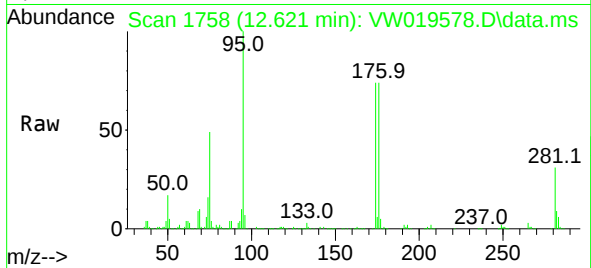




#62
4-Bromofluorobenzene
Concen: 48.688 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

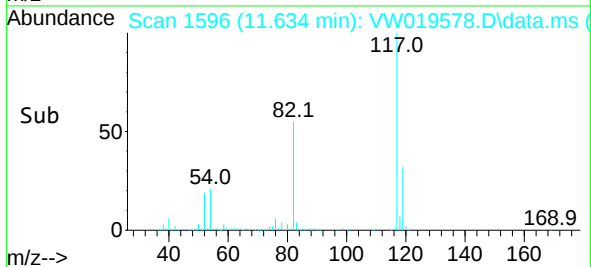
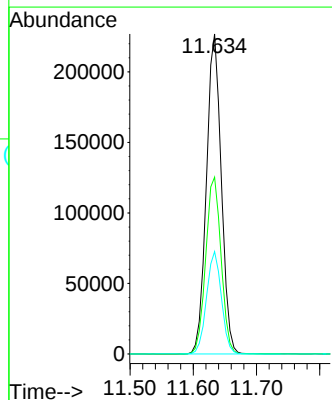
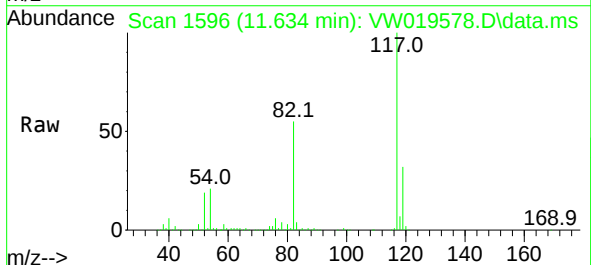
Instrument :
MSVOA_W
ClientSampleId :

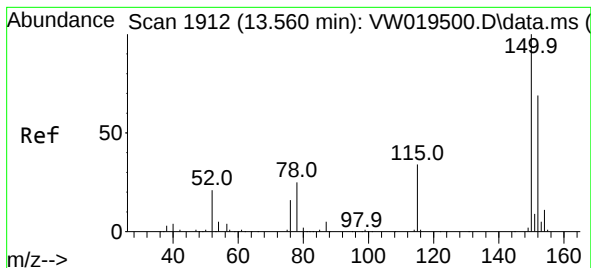
Tgt Ion: 95 Resp: 177511
Ion Ratio Lower Upper
95 100
174 74.2 0.0 146.6
176 72.3 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019578.D
Acq: 23 Jul 2021 17:17

Tgt Ion:117 Resp: 371578
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.0
119 32.0 26.6 39.8

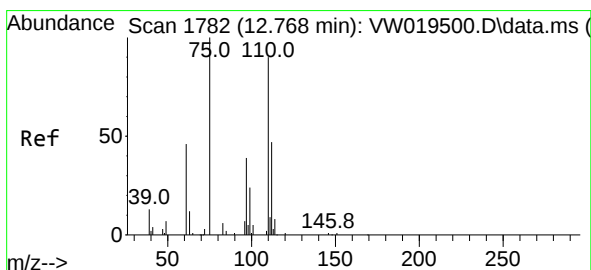
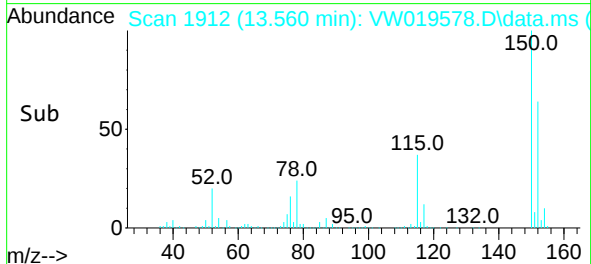
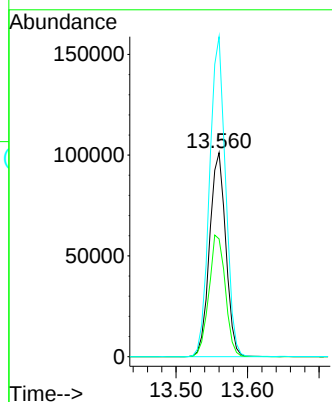
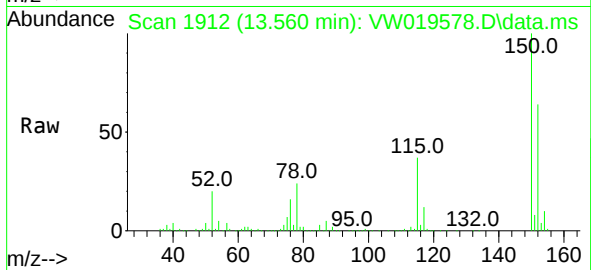




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VW019578.D
 Acq: 23 Jul 2021 17:17

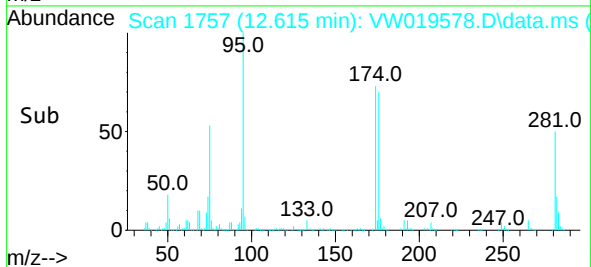
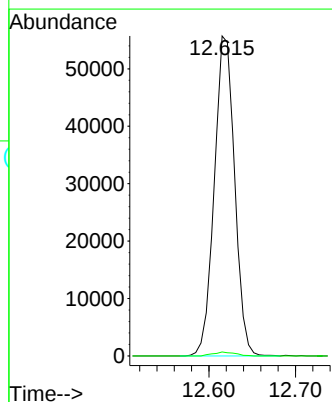
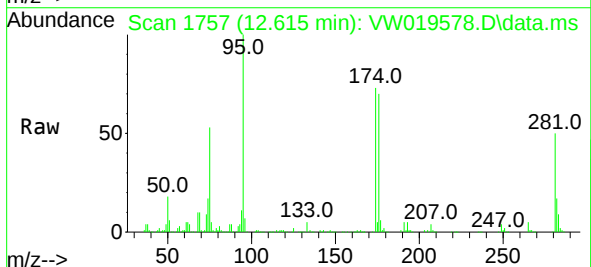
Instrument :
 MSVOA_W
 ClientSampled :

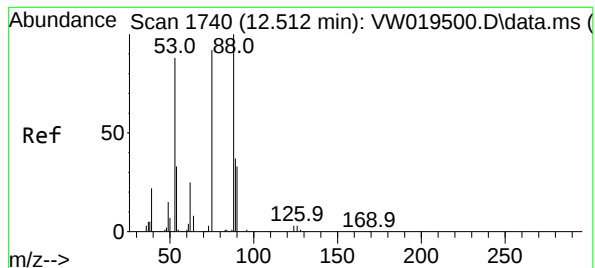
Tgt Ion:152 Resp: 159140
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.6 91.8
 150 155.0 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 57.782 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. -0.152 min
 Lab File: VW019578.D
 Acq: 23 Jul 2021 17:17

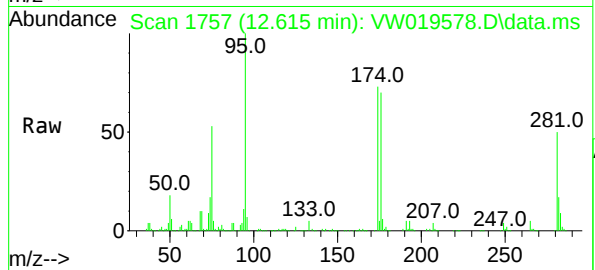
Tgt Ion: 75 Resp: 90880
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.684 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW019578.D
 Acq: 23 Jul 2021 17:17

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 90880
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.8 113.8#
 89 0.8 35.7 53.5#

