

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019580.D
 Acq On : 23 Jul 2021 18:07
 Operator : SY/VA
 Sample : M3151-01
 Misc : 5.38g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:20:48 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)

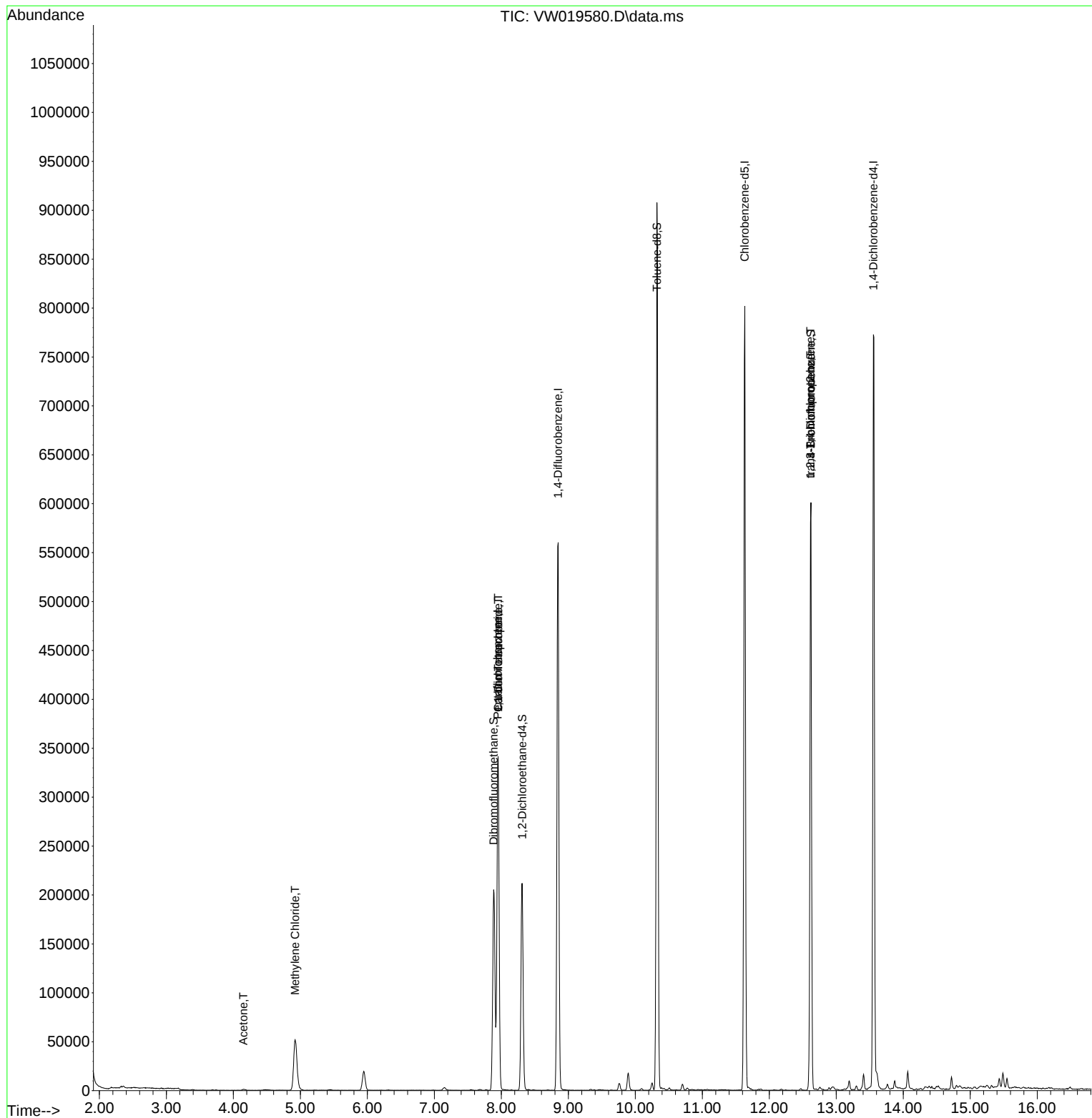
Internal Standards						
1) Pentafluorobenzene	7.946	168	255782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	473678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	442895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	203551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	173476	72.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.200%	
35) Dibromofluoromethane	7.885	113	152612	52.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.460%	
50) Toluene-d8	10.323	98	595594	53.155	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.621	95	211456	50.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	195	Below Cal	#	73
16) Acetone	4.147	43	2344	5.039	ug/l	90
20) Methylene Chloride	4.922	84	46367	11.661	ug/l	98
36) 1,1-Dichloropropene	7.952	75	20989	4.156	ug/l #	50
38) Carbon Tetrachloride	7.952	117	25369	5.751	ug/l #	16
76) 1,2,3-Trichloropropane	12.615	75	104490	51.940	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	104490	118.371	ug/l #	12

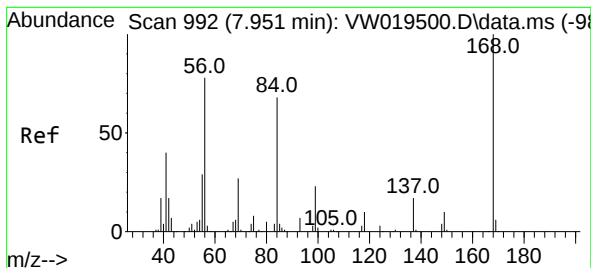
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 20 04:37:55 2021
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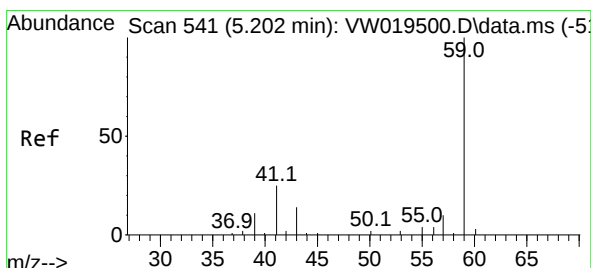
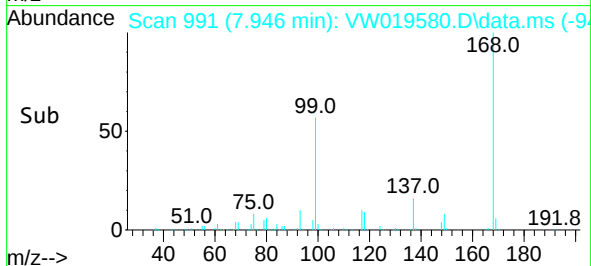
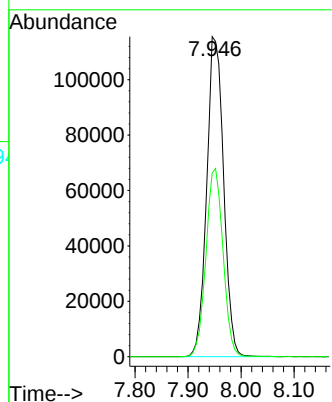
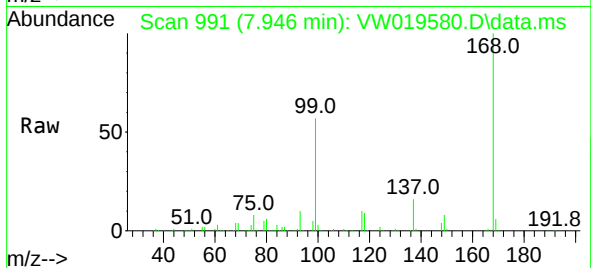




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

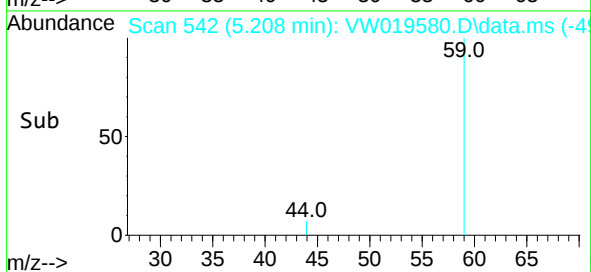
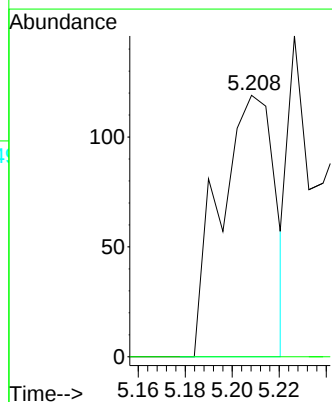
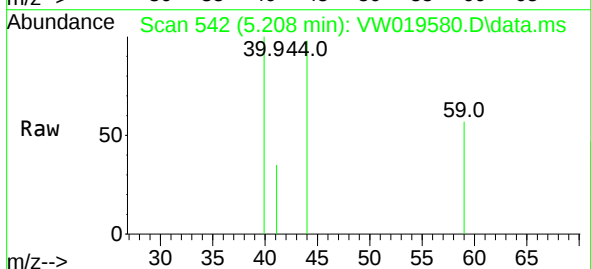
Instrument :
MSVOA_W
ClientSampleId :

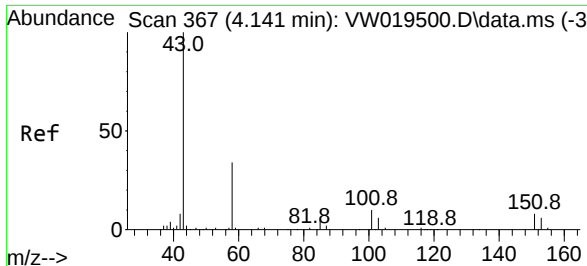
Tgt Ion:168 Resp: 255782
Ion Ratio Lower Upper
168 100
99 57.4 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 542
Delta R.T. 0.006 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

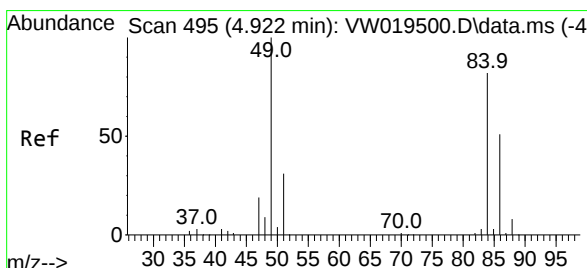
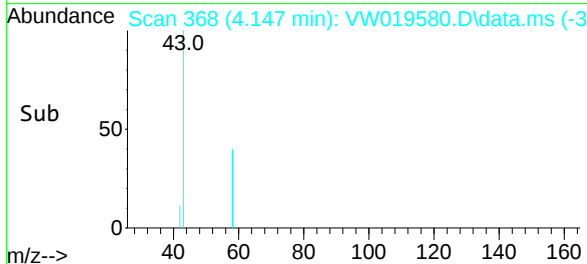
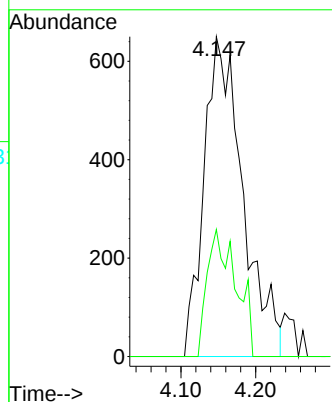
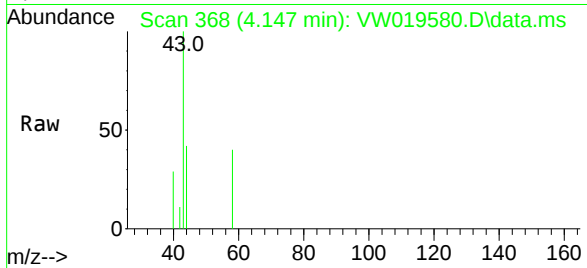




#16
Acetone
Concen: 5.039 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

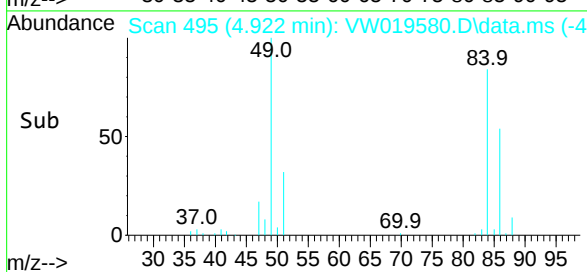
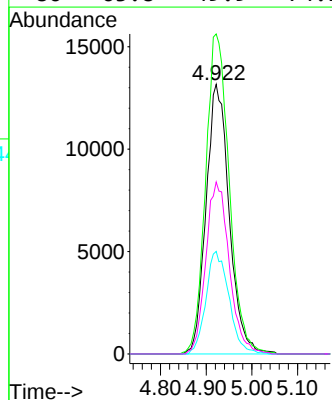
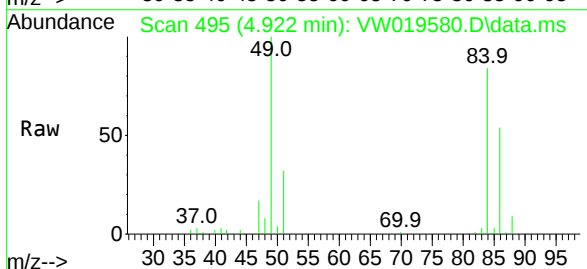
Instrument :
MSVOA_W
ClientSampled :

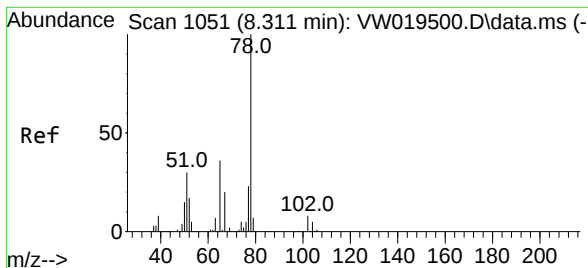
Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
58 39.7 27.2 40.8



#20
Methylene Chloride
Concen: 11.661 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

Tgt Ion: 84 Resp: 46367
Ion Ratio Lower Upper
84 100
49 118.7 97.2 145.8
51 38.1 30.1 45.1
86 63.8 49.9 74.9

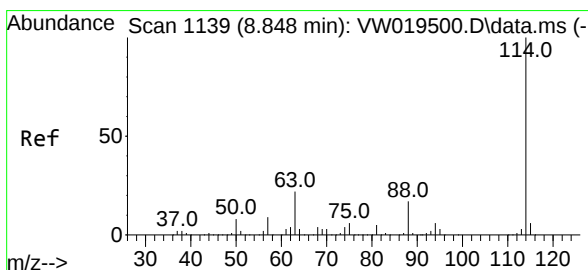
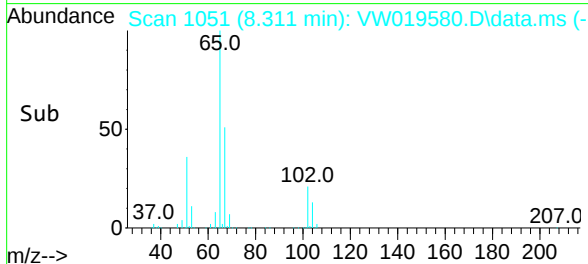
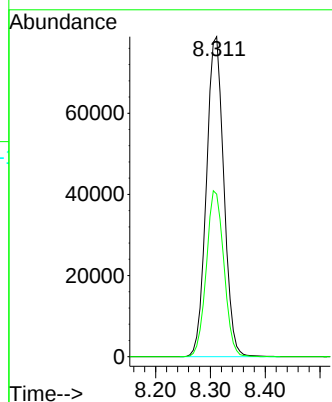
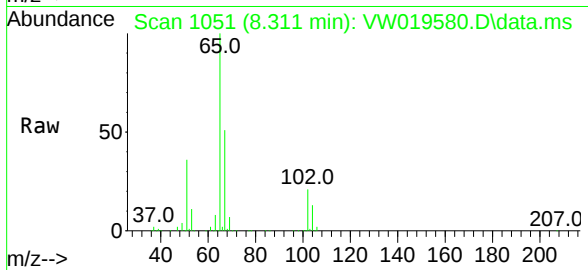




#33
1,2-Dichloroethane-d4
Concen: 72.105 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

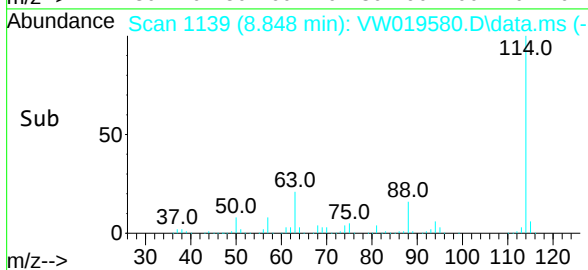
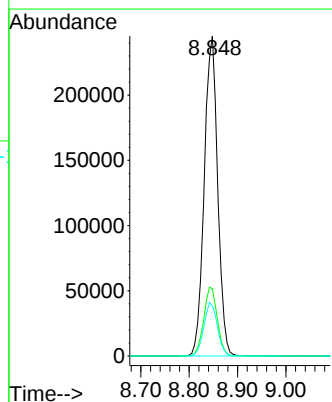
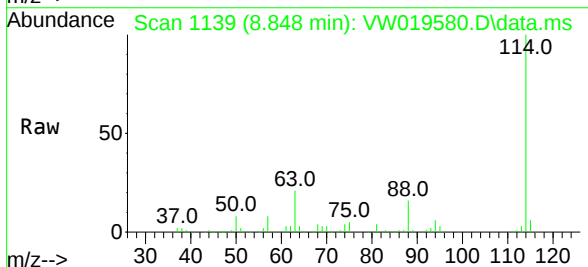
Instrument :
MSVOA_W
ClientSampled :

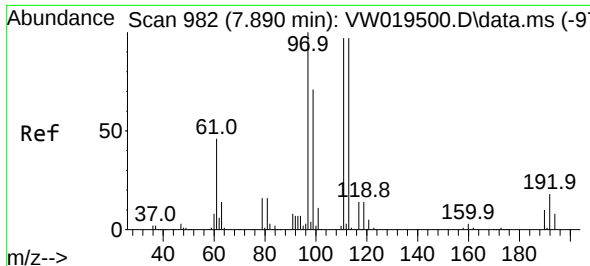
Tgt Ion: 65 Resp: 173476
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

Tgt Ion: 114 Resp: 473678
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 15.7 0.0 33.4

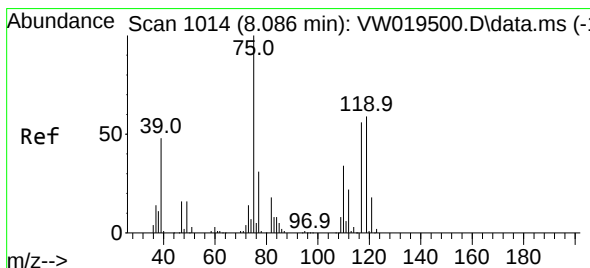
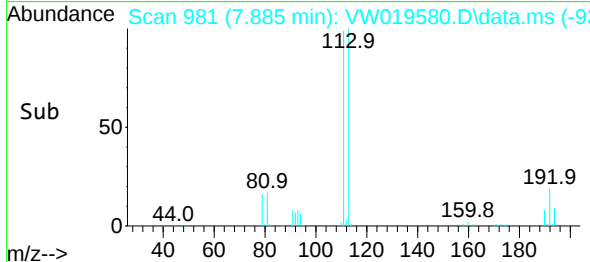
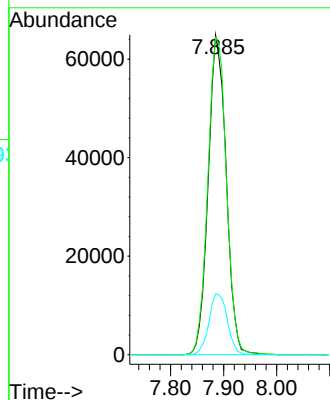
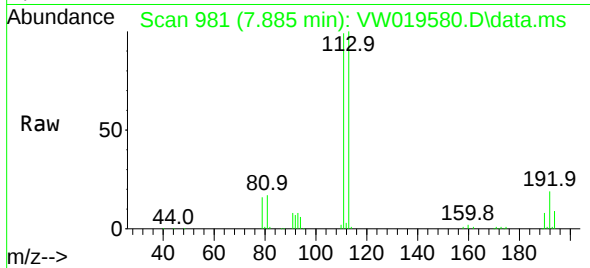




#35
Dibromofluoromethane
Concen: 52.734 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.005 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

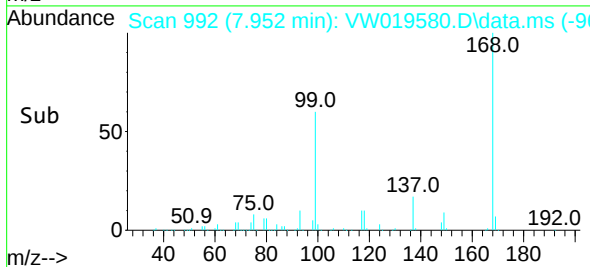
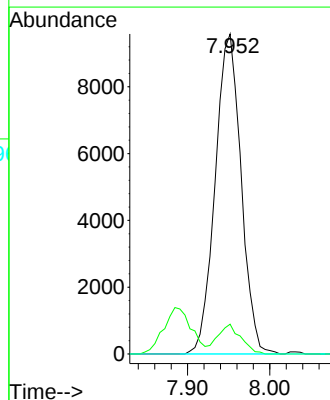
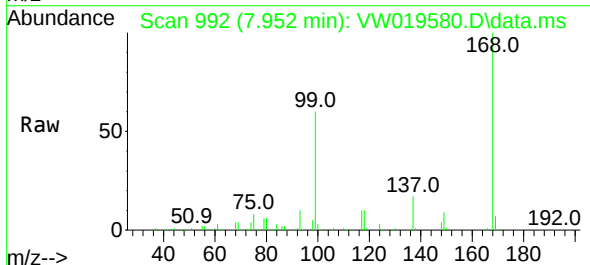
Instrument :
MSVOA_W
ClientSampleId :

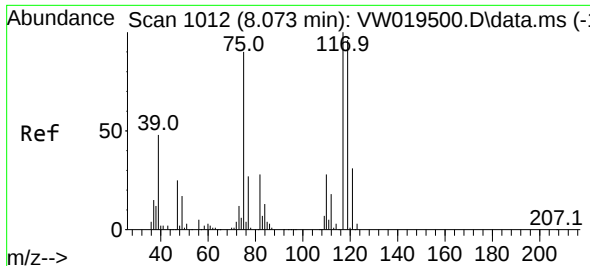
Tgt Ion:113 Resp: 152612
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

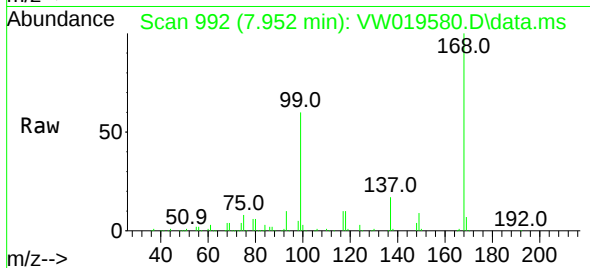
Tgt Ion: 75 Resp: 20989
Ion Ratio Lower Upper
75 100
110 8.5 16.6 49.7#
77 0.0 25.1 37.7#



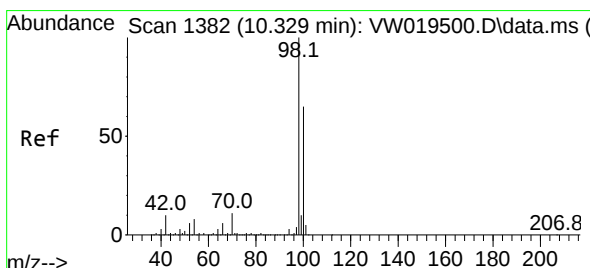
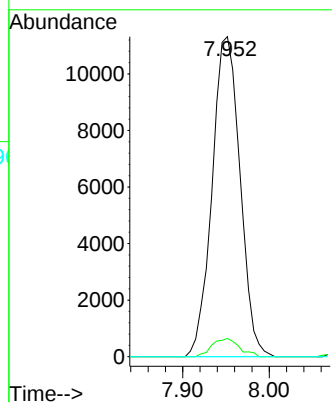
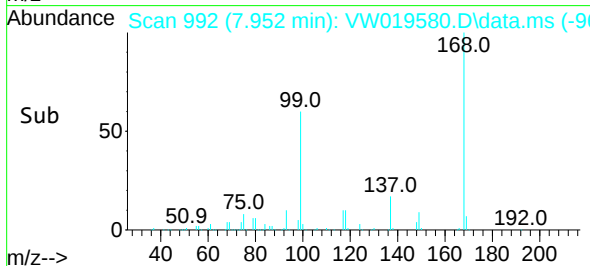


#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

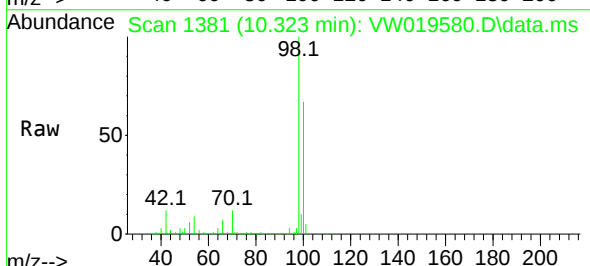
Instrument :
MSVOA_W
ClientSampled :



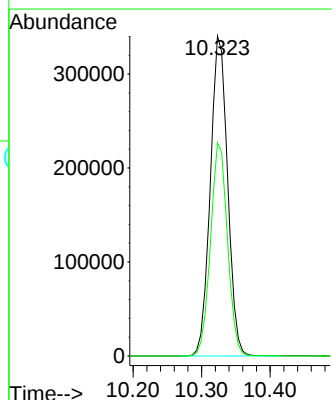
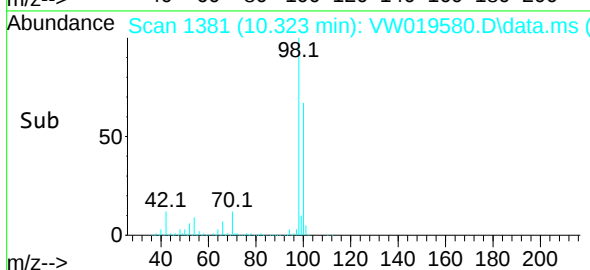
Tgt Ion:117 Resp: 25369
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 24.8 37.2#

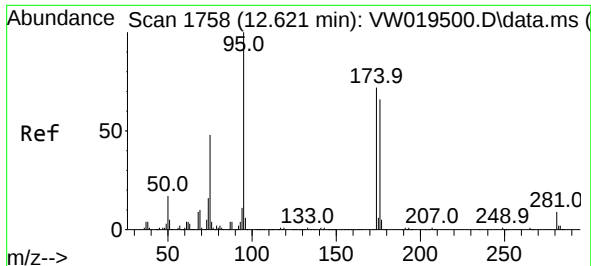


#50
Toluene-d8
Concen: 53.155 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07



Tgt Ion: 98 Resp: 595594
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4

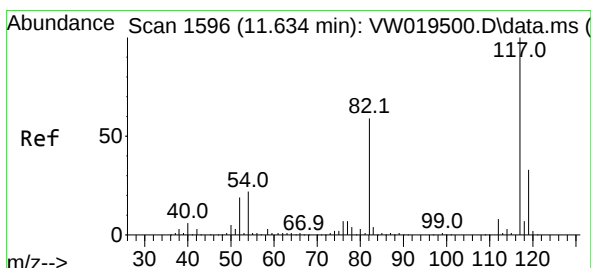
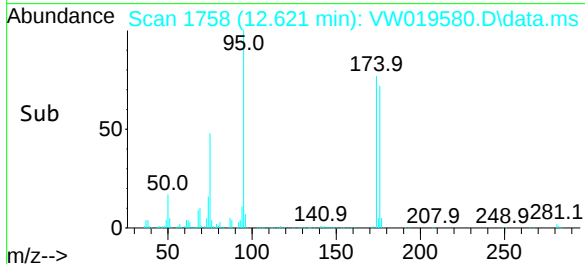
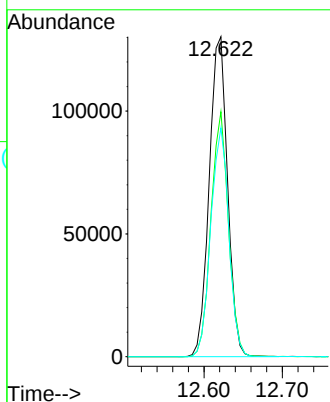
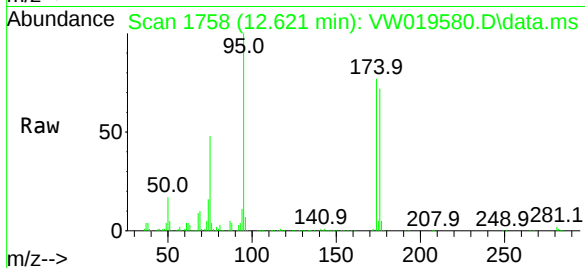




#62
4-Bromofluorobenzene
Concen: 50.311 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

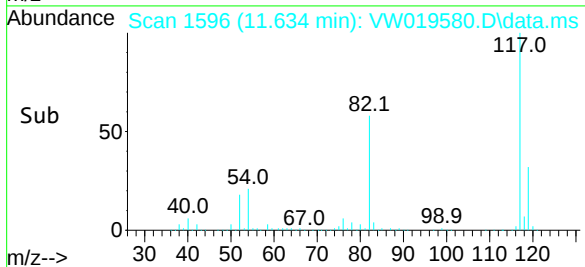
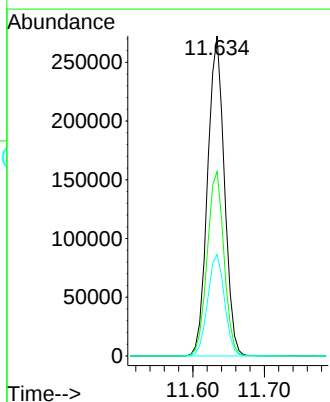
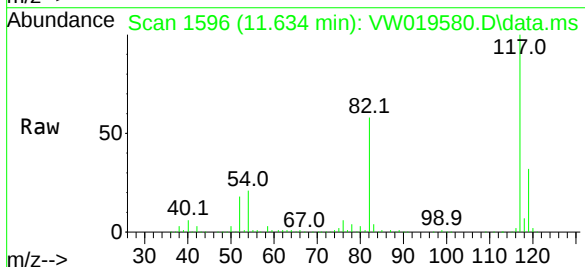
Instrument :
MSVOA_W
ClientSampled :

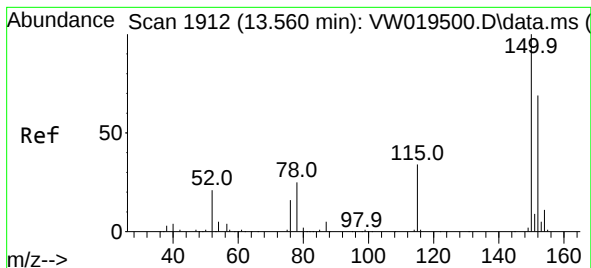
Tgt Ion: 95 Resp: 211456
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 70.5 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

Tgt Ion: 117 Resp: 442895
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 31.7 26.6 39.8

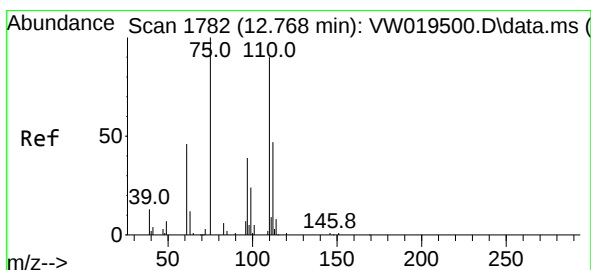
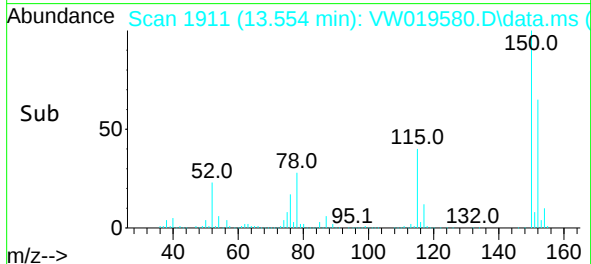
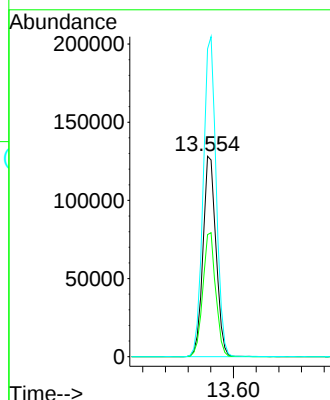
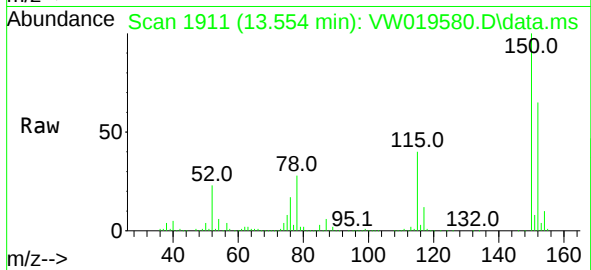




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

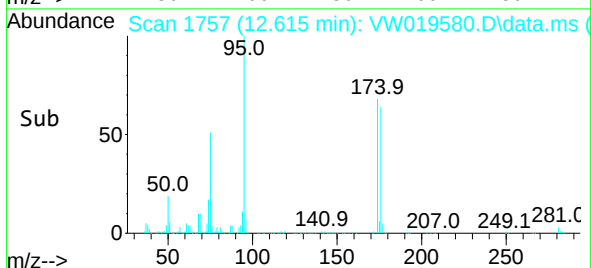
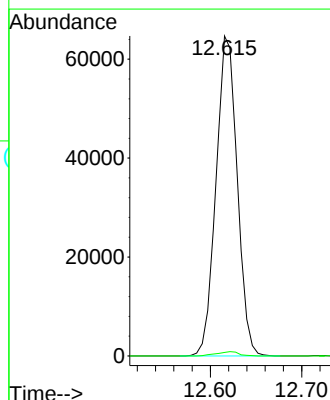
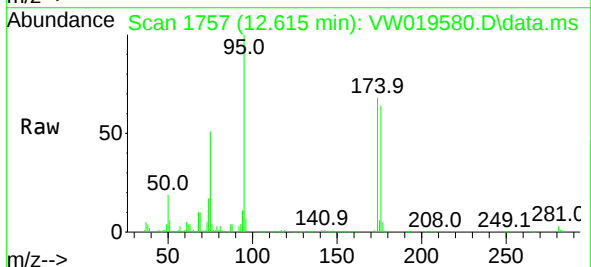
Instrument :
MSVOA_W
ClientSampled :

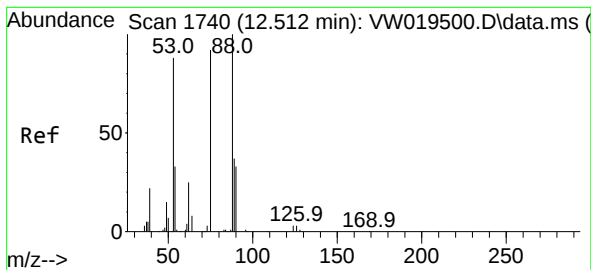
Tgt Ion:152 Resp: 203551
Ion Ratio Lower Upper
152 100
115 61.4 30.6 91.8
150 159.5 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 51.940 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019580.D
Acq: 23 Jul 2021 18:07

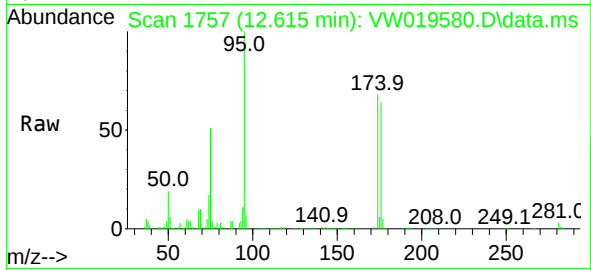
Tgt Ion: 75 Resp: 104490
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.371 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW019580.D
 Acq: 23 Jul 2021 18:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	75.8	113.8#
89	0.0	35.7	53.5#

