

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019575.D
 Acq On : 23 Jul 2021 16:01
 Operator : SY/VA
 Sample : M3139-01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:19:39 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)

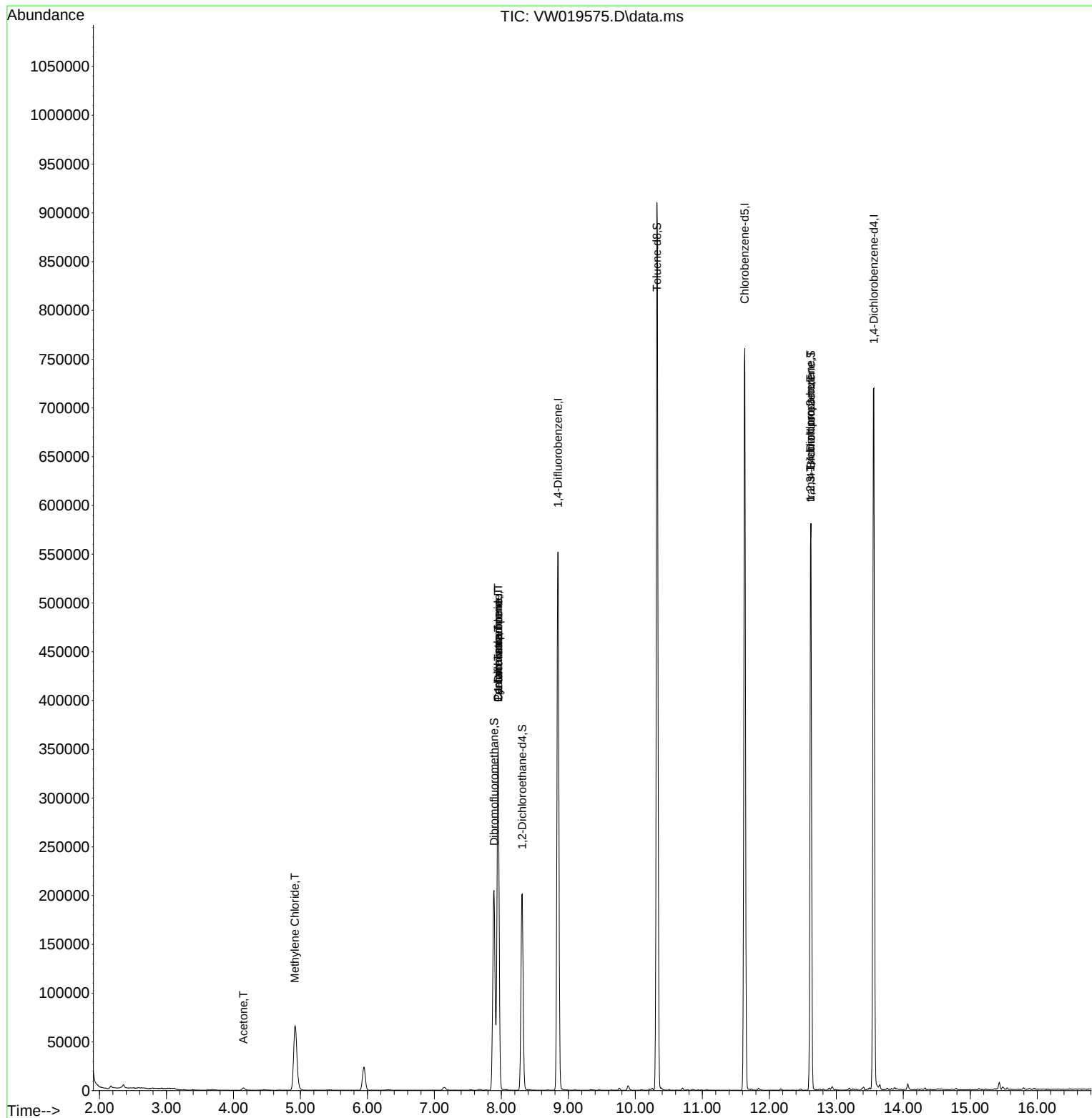
Internal Standards						
1) Pentafluorobenzene	7.951	168	257678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	469843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	431801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	193736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	166852	68.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.220%
35) Dibromofluoromethane	7.890	113	152370	53.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.160%
50) Toluene-d8	10.323	98	596189	53.642	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.280%
62) 4-Bromofluorobenzene	12.621	95	205325	49.251	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	248	Below Cal	#	73
16) Acetone	4.147	43	5627	12.007	ug/l	88
20) Methylene Chloride	4.915	84	58186	15.767	ug/l	97
31) Cyclohexane	7.951	56	5613	1.037	ug/l	# 1
36) 1,1-Dichloropropene	7.951	75	21221	4.237	ug/l	# 50
38) Carbon Tetrachloride	7.951	117	25348	5.793	ug/l	# 17
76) 1,2,3-Trichloropropane	12.615	75	101678	53.103	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.615	75	101678	121.021	ug/l	# 12

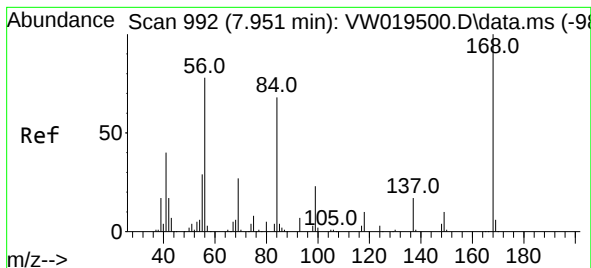
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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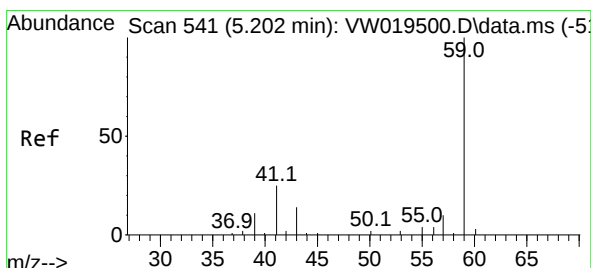
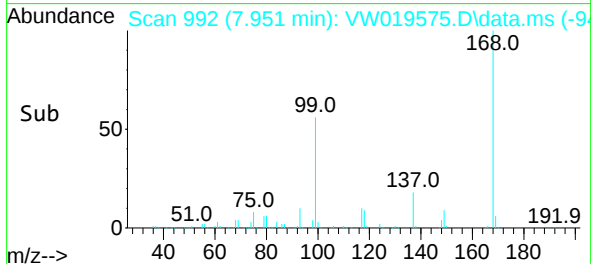
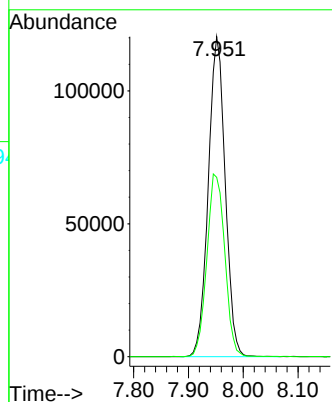
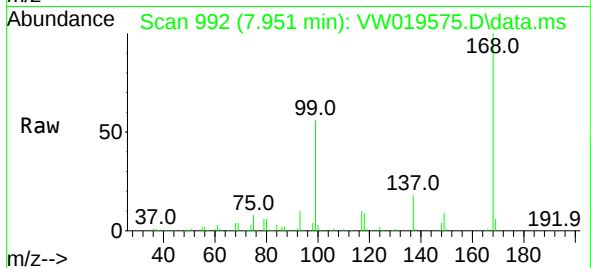




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

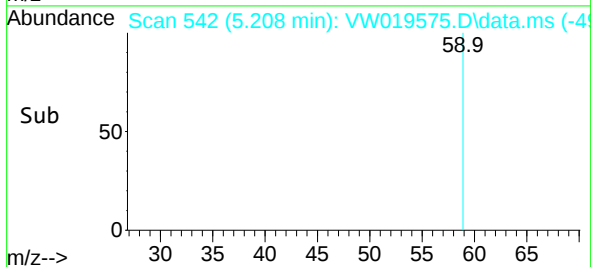
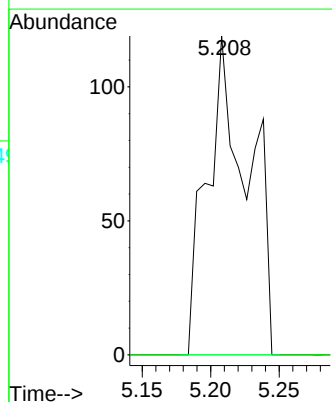
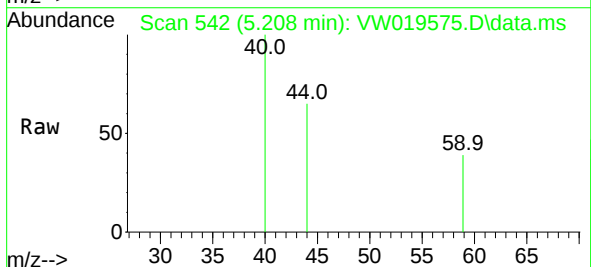
Instrument :
MSVOA_W
ClientSampleId :

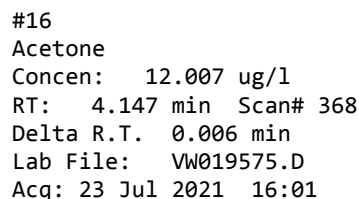
Tgt Ion:168 Resp: 257678
Ion Ratio Lower Upper
168 100
99 56.0 51.9 77.9



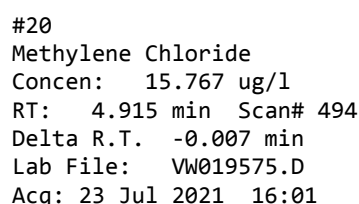
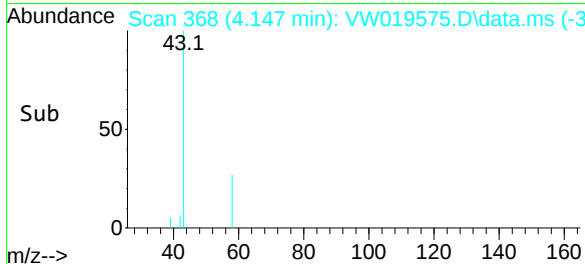
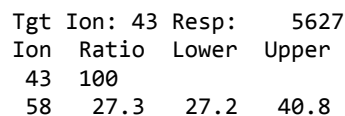
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 542
Delta R.T. 0.006 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

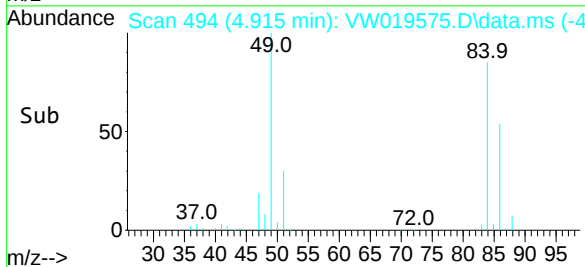
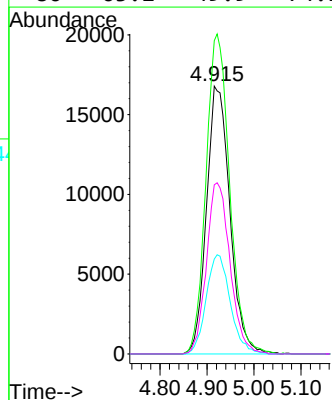


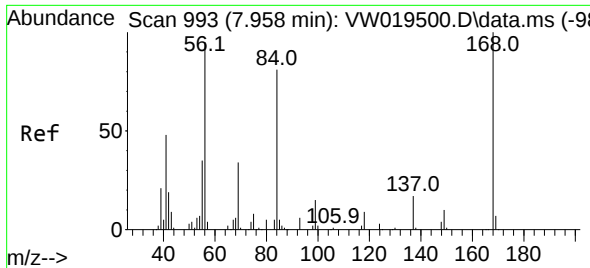


Instrument :
MSVOA_W
ClientSampleId :



Tgt	Ion: 84	Resp:	58186
Ion	Ratio	Lower	Upper
84	100		
49	117.0	97.2	145.8
51	35.4	30.1	45.1
86	63.2	49.9	74.9

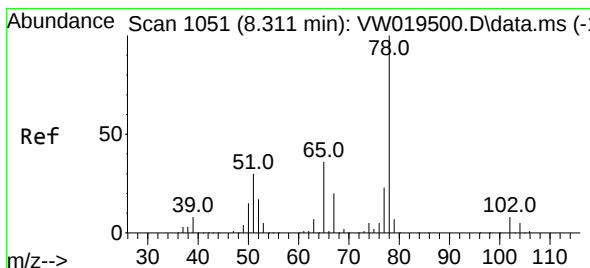
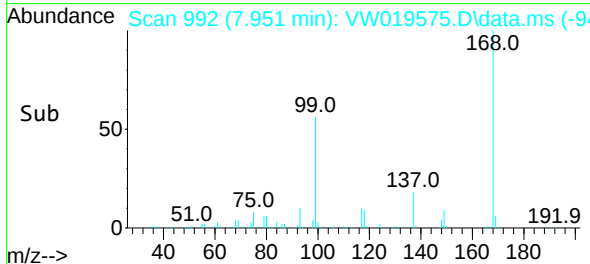
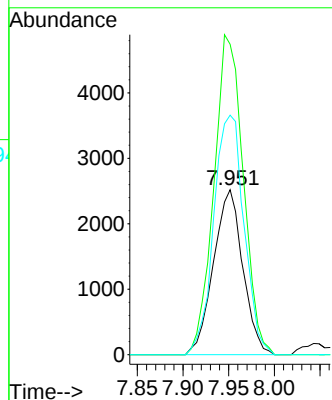
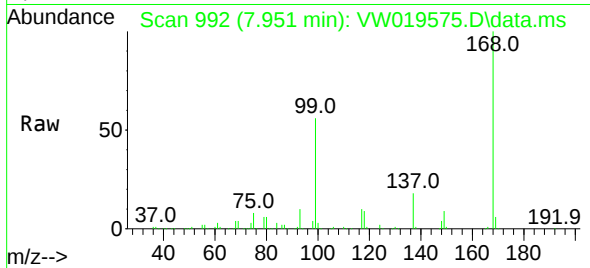




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

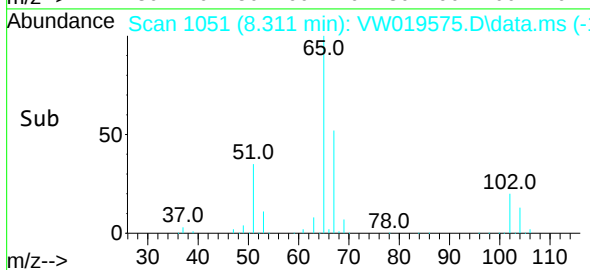
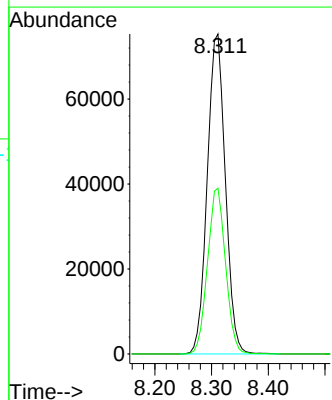
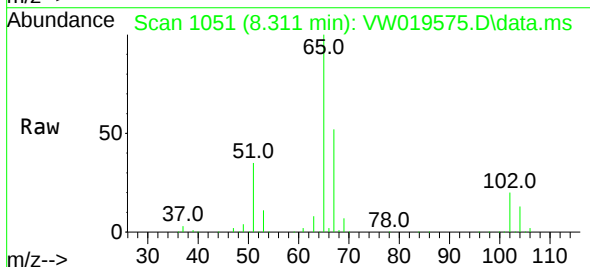
Instrument :
MSVOA_W
ClientSampleId :

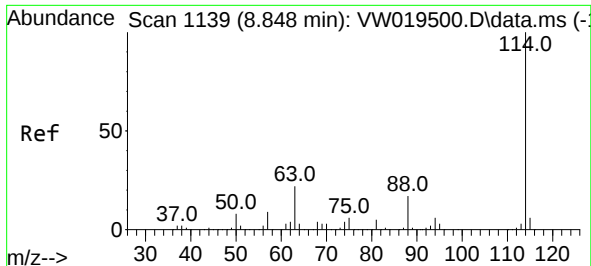
Tgt Ion: 56 Resp: 5613
Ion Ratio Lower Upper
56 100
69 188.2 28.3 42.5#
84 145.2 68.1 102.1#



#33
1,2-Dichloroethane-d4
Concen: 68.614 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Tgt Ion: 65 Resp: 166852
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.8

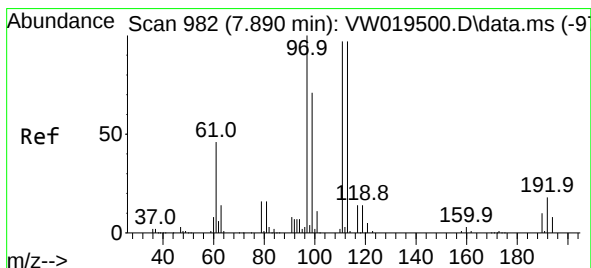
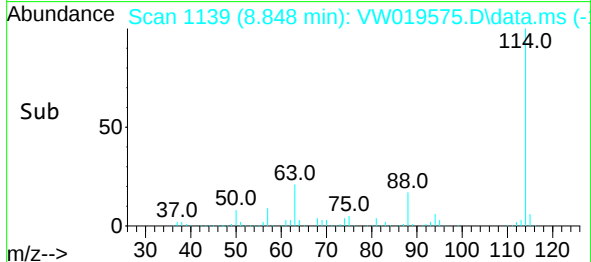
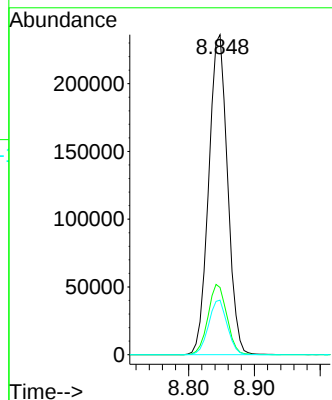
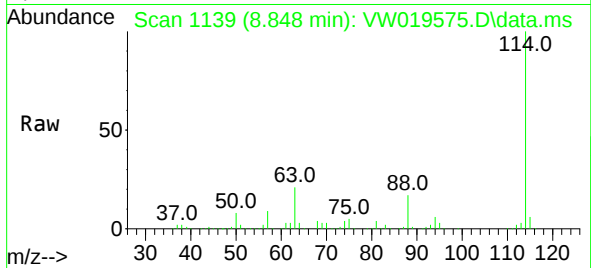




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

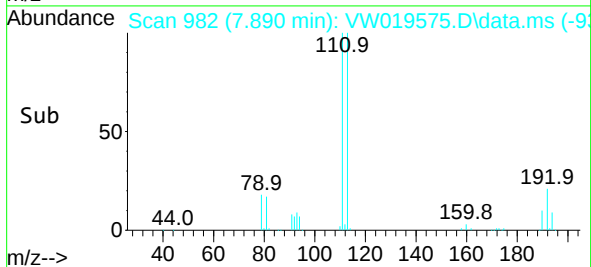
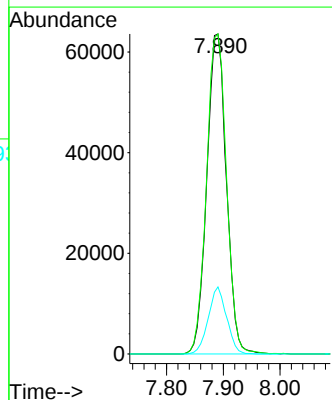
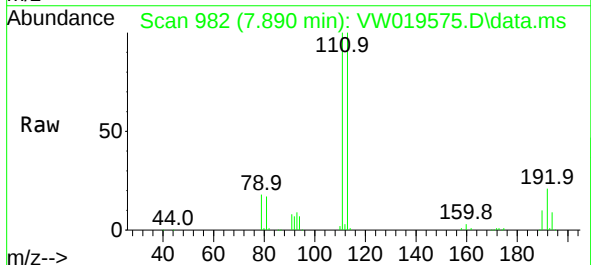
Instrument :
MSVOA_W
ClientSampled :

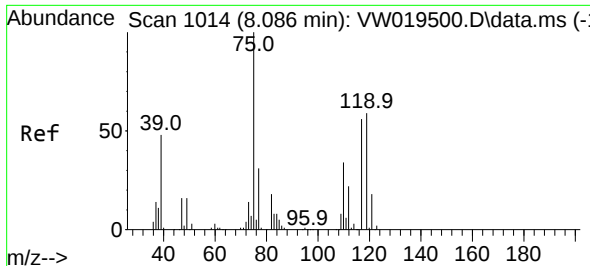
Tgt Ion:114 Resp: 469843
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 17.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 53.080 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Tgt Ion:113 Resp: 152370
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 19.6 15.4 23.2

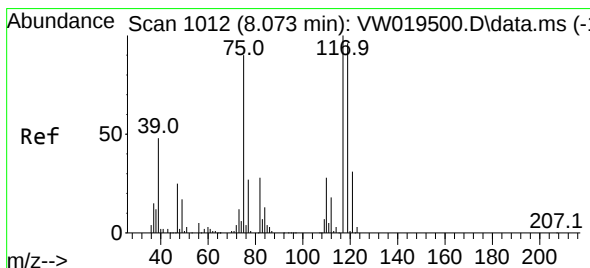
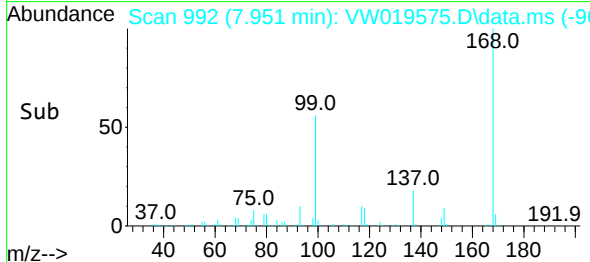
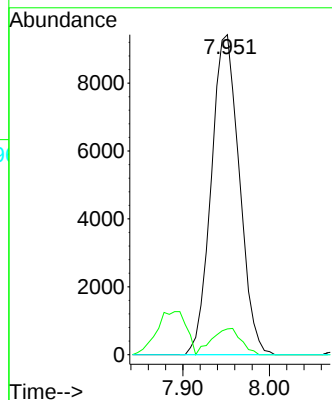
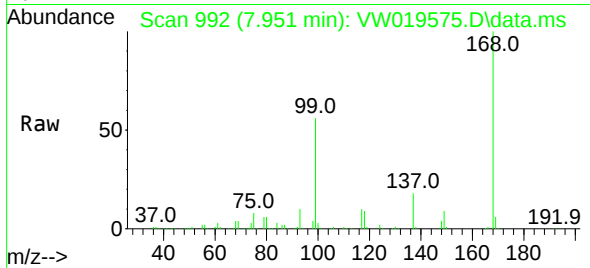




#36
1,1-Dichloropropene
Concen: 4.237 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

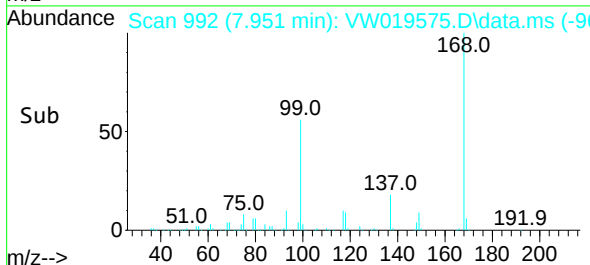
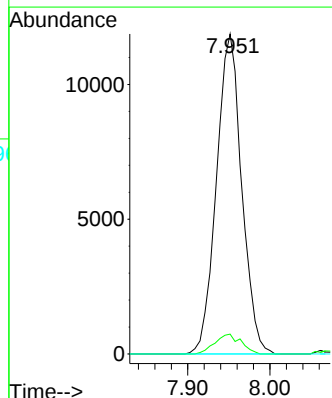
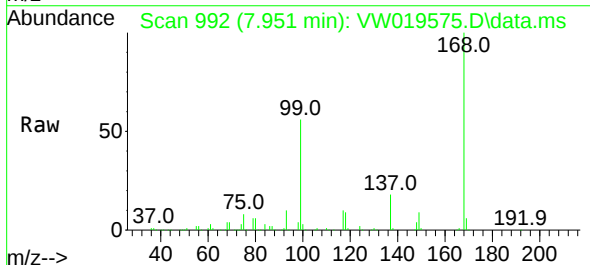
Instrument :
MSVOA_W
ClientSampled :

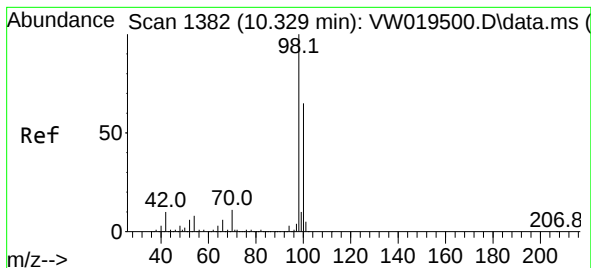
Tgt Ion: 75 Resp: 21221
Ion Ratio Lower Upper
75 100
110 8.5 16.6 49.7#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.793 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Tgt Ion: 117 Resp: 25348
Ion Ratio Lower Upper
117 100
119 6.2 76.7 115.1#
121 0.0 24.8 37.2#

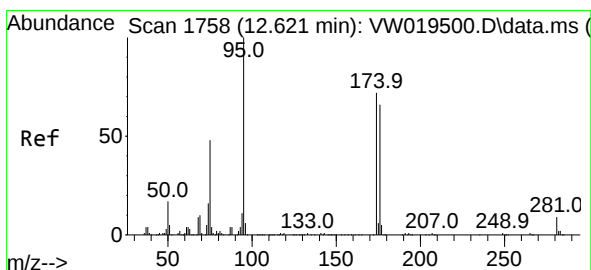
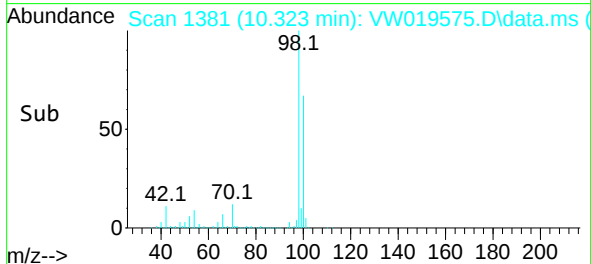
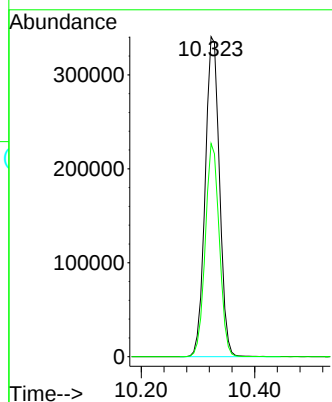
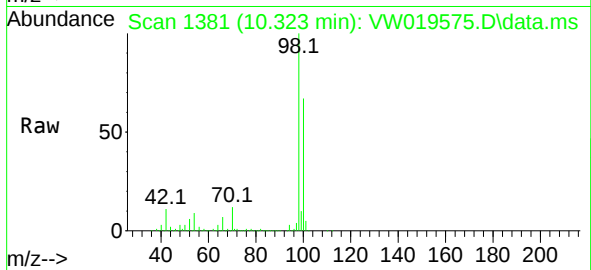




#50
Toluene-d8
Concen: 53.642 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

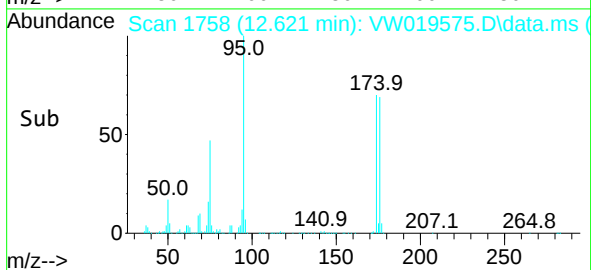
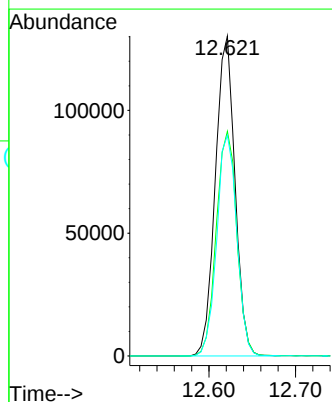
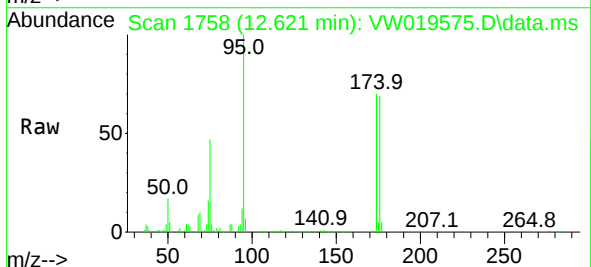
Instrument :
MSVOA_W
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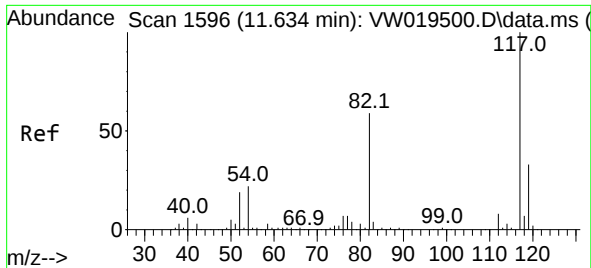
Tgt Ion: 98 Resp: 596189
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.251 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Tgt Ion: 95 Resp: 205325
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 70.3 0.0 136.8

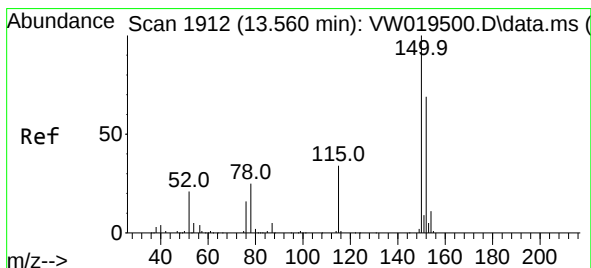
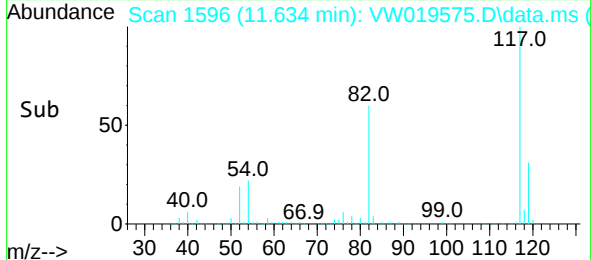
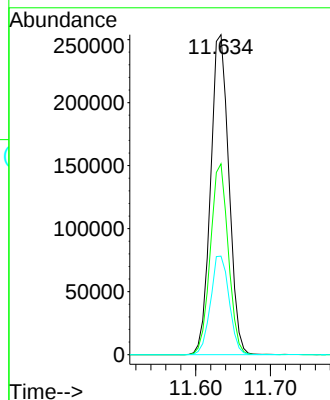
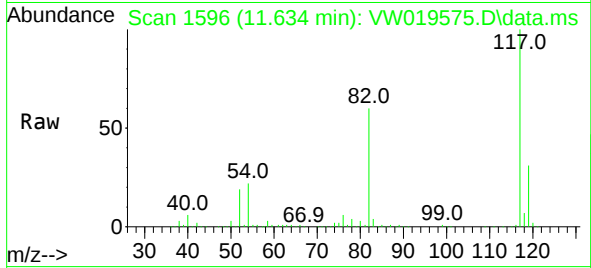




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

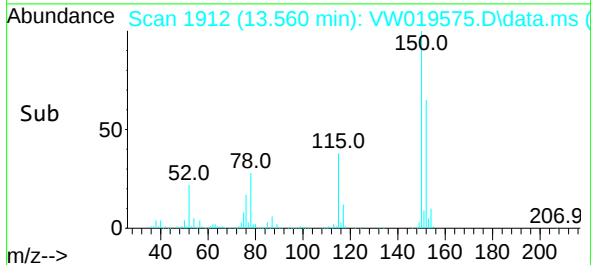
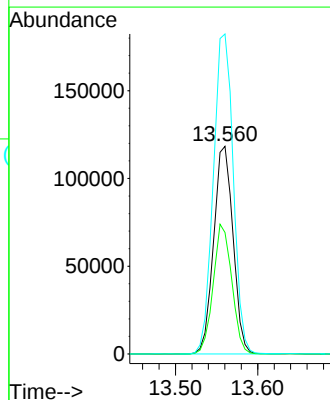
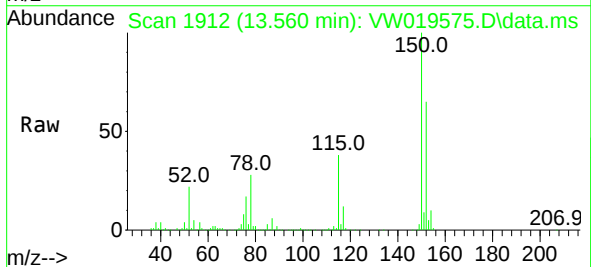
Instrument :
MSVOA_W
ClientSampleId :

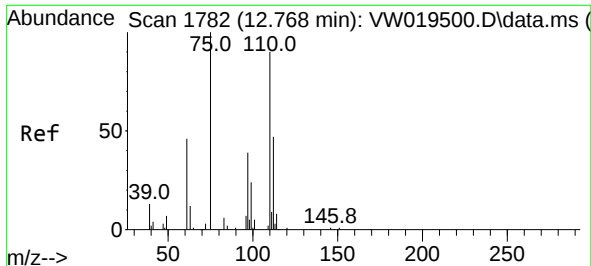
Tgt Ion:117 Resp: 431801
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Tgt Ion:152 Resp: 193736
Ion Ratio Lower Upper
152 100
115 59.9 30.6 91.8
150 158.2 0.0 342.4

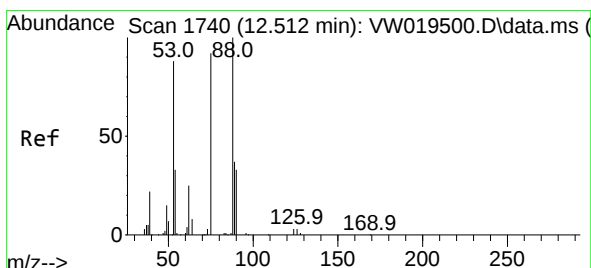
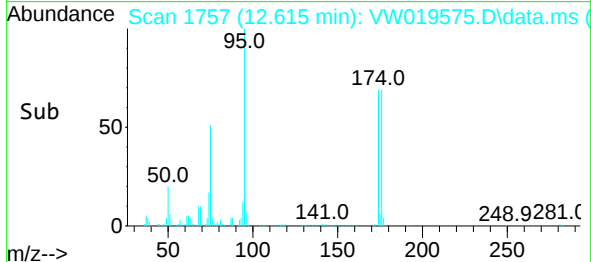
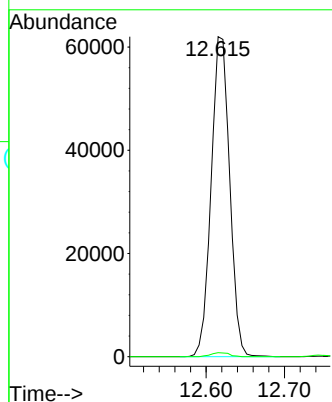
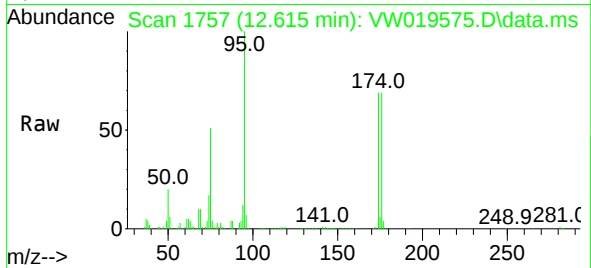




#76
1,2,3-Trichloropropane
Concen: 53.103 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 101678
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.021 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW019575.D
Acq: 23 Jul 2021 16:01

Tgt Ion: 75 Resp: 101678
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 35.7 53.5#

