

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019577.D
 Acq On : 23 Jul 2021 16:51
 Operator : SY/VA
 Sample : M3150-04
 Misc : 5.21g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-C

Quant Time: Jul 24 05:20:06 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)

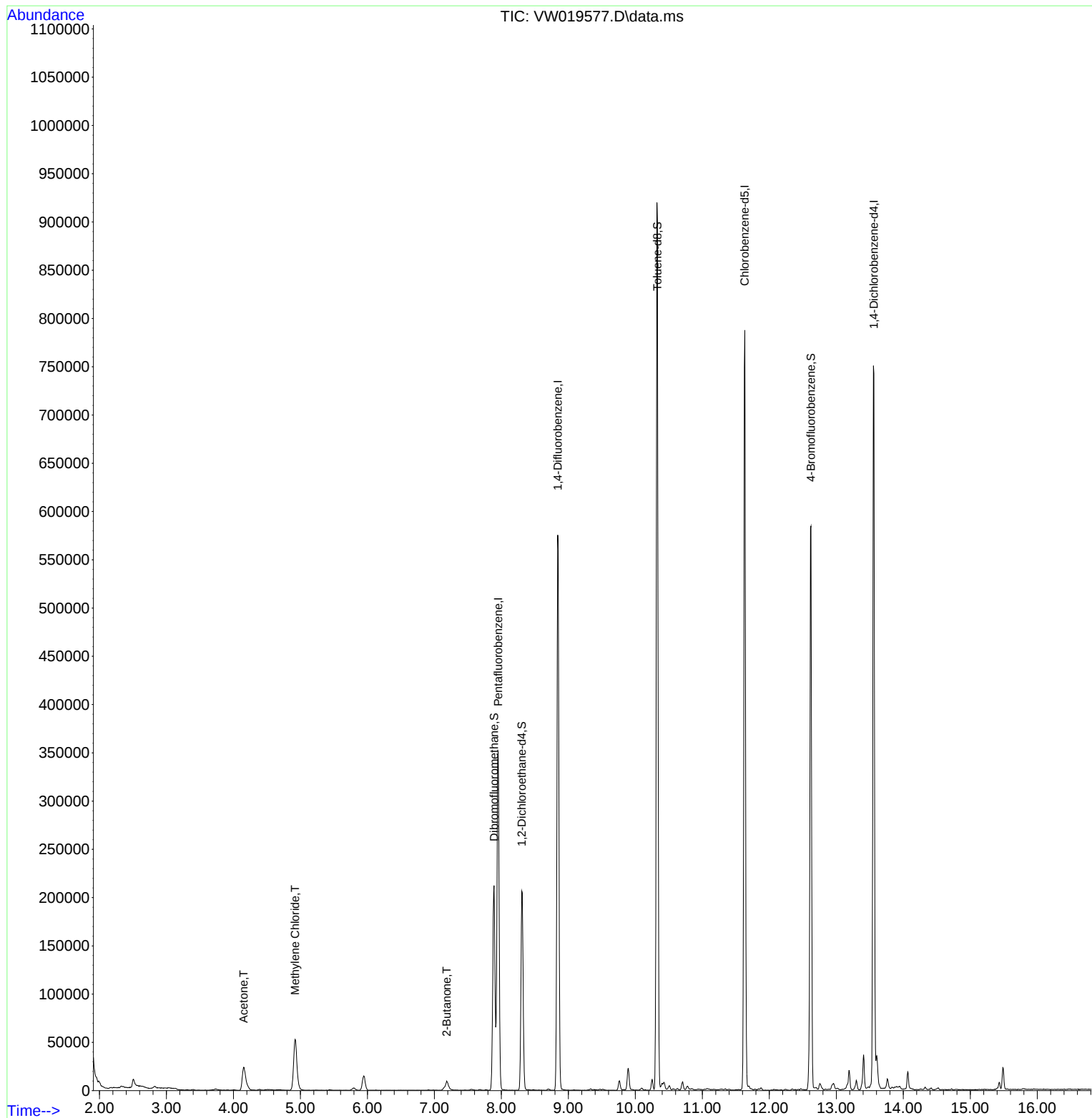
Internal Standards						
1) Pentafluorobenzene	7.951	168	264047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	487215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	442705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	201350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	169827	68.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.240%	
35) Dibromofluoromethane	7.890	113	153714	51.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.280%	
50) Toluene-d8	10.329	98	608885	52.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.660%	
62) 4-Bromofluorobenzene	12.621	95	213089	49.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.580%	
Target Compounds						
						Qvalue
16) Acetone	4.153	43	56699	118.068	ug/l	100
20) Methylene Chloride	4.921	84	46394	11.148	ug/l	98
25) 2-Butanone	7.183	43	16962	20.533	ug/l	98

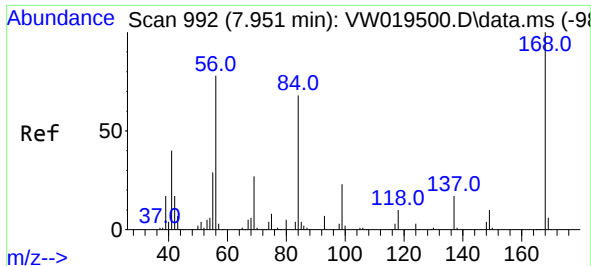
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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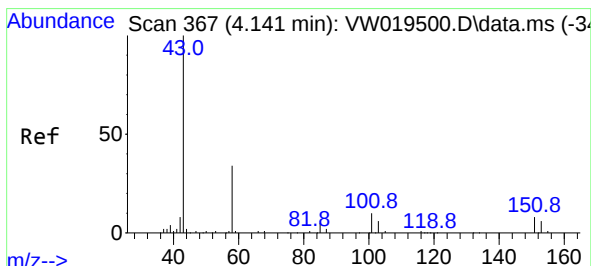
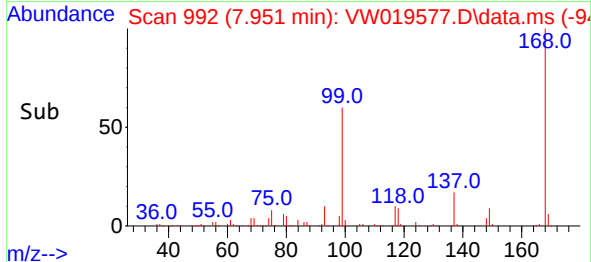
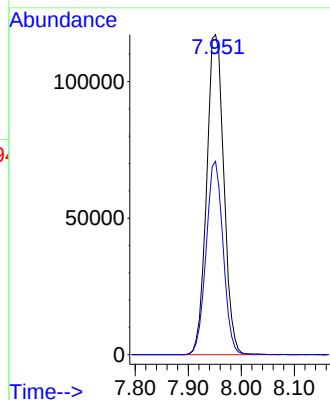
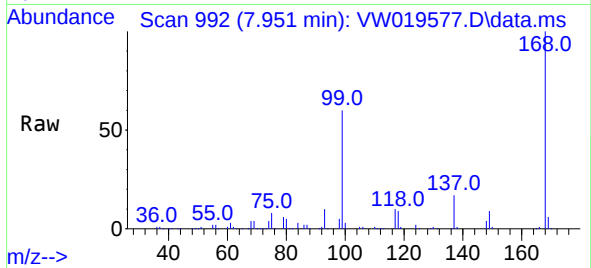




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

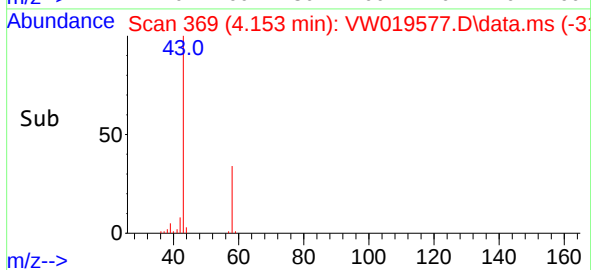
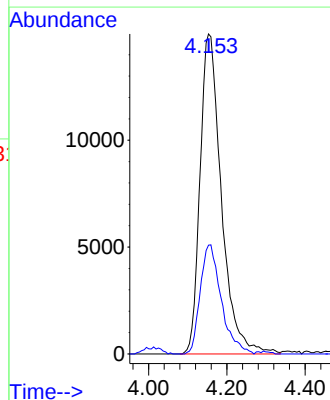
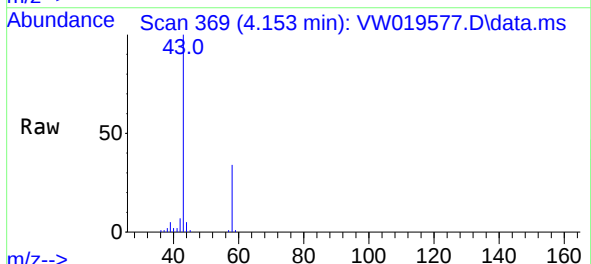
Instrument :
MSVOA_W
ClientSampleId :
TP-C

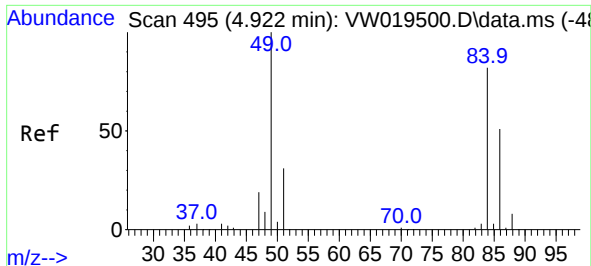
Tgt Ion:168 Resp: 264047
Ion Ratio Lower Upper
168 100
99 60.5 51.9 77.9



#16
Acetone
Concen: 118.068 ug/l
RT: 4.153 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Tgt Ion: 43 Resp: 56699
Ion Ratio Lower Upper
43 100
58 34.0 27.2 40.8



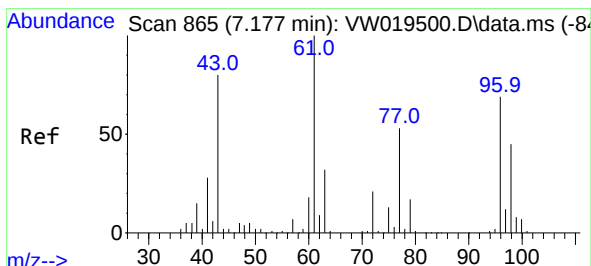
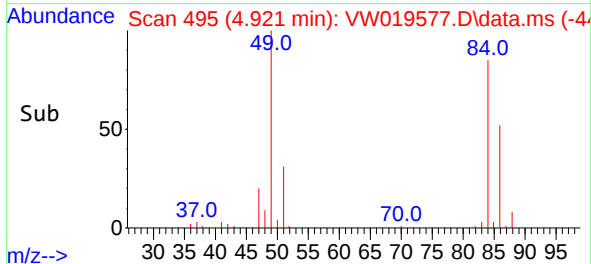
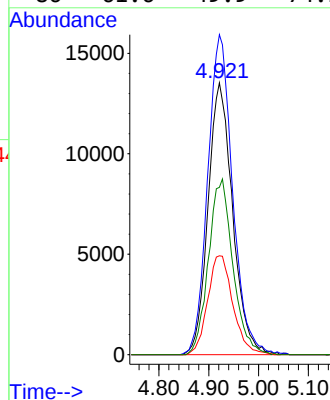
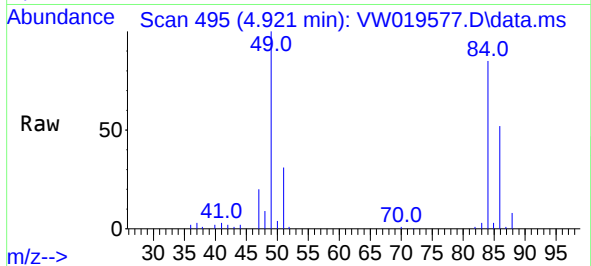


#20
Methylene Chloride
Concen: 11.148 ug/l
RT: 4.921 min Scan# 495
Delta R.T. -0.001 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Instrument :
MSVOA_W
ClientSampleId :
TP-C

Tgt Ion: 84 Resp: 46394

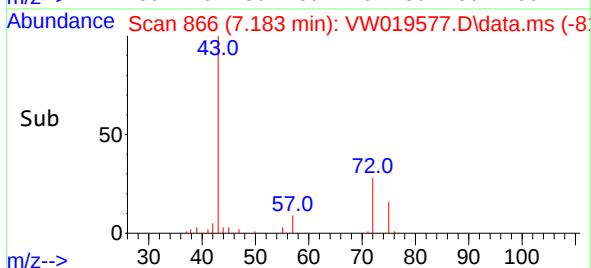
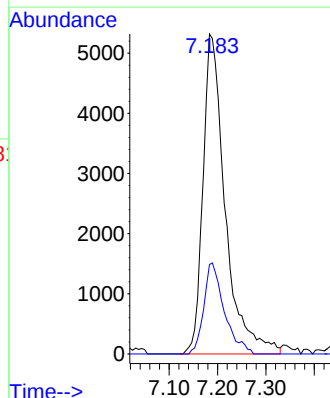
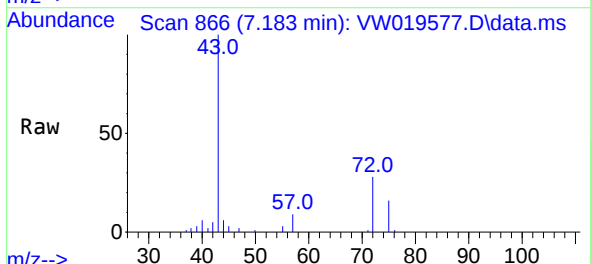
Ion	Ratio	Lower	Upper
84	100		
49	117.7	97.2	145.8
51	36.4	30.1	45.1
86	61.6	49.9	74.9

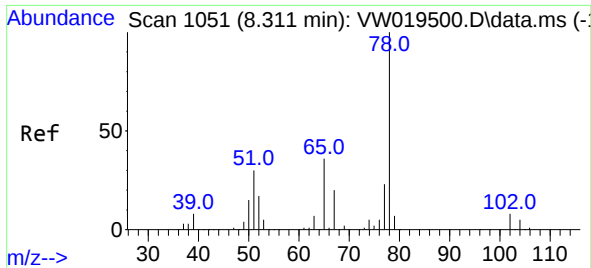


#25
2-Butanone
Concen: 20.533 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Tgt Ion: 43 Resp: 16962

Ion	Ratio	Lower	Upper
43	100		
72	28.0	21.4	32.0

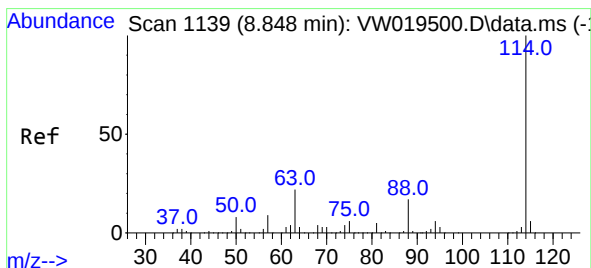
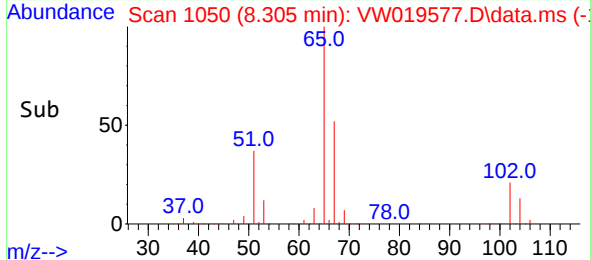
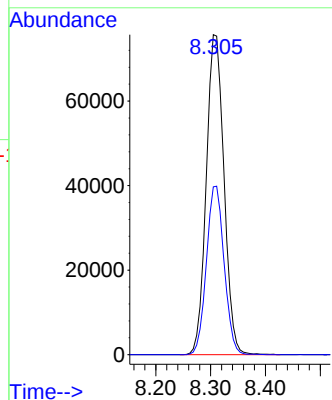
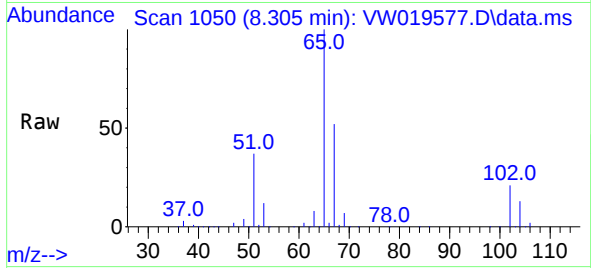




#33
1,2-Dichloroethane-d4
Concen: 68.119 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

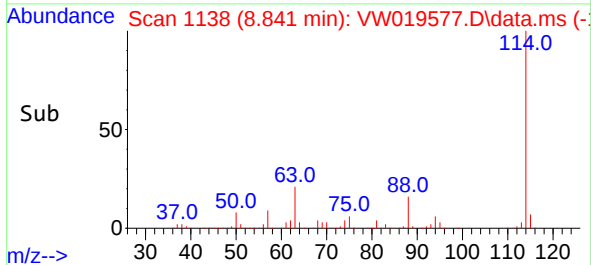
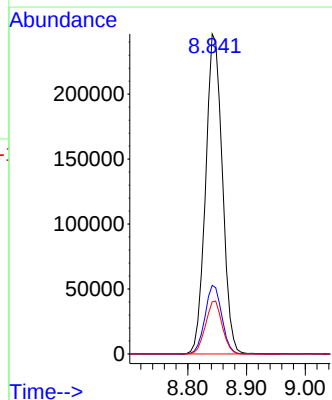
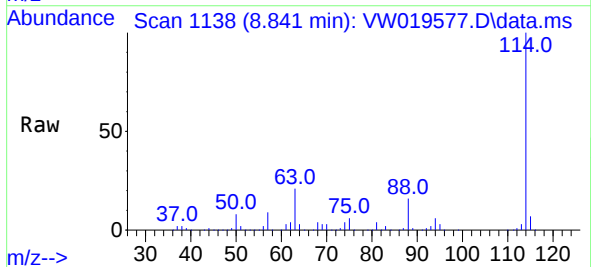
Instrument :
MSVOA_W
ClientSampleId :
TP-C

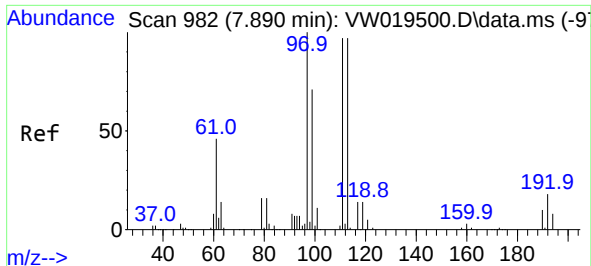
Tgt Ion: 65 Resp: 169827
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Tgt Ion: 114 Resp: 487215
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.8
88 16.3 0.0 33.4

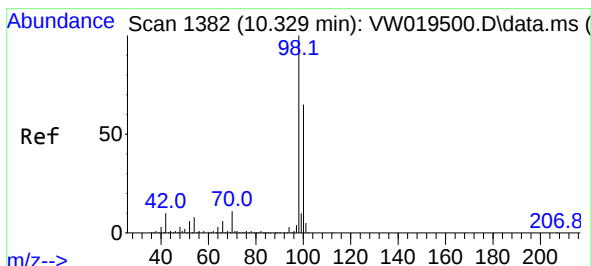
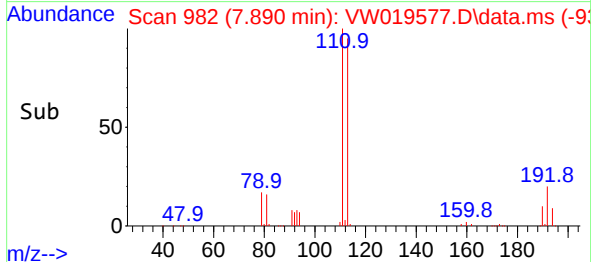
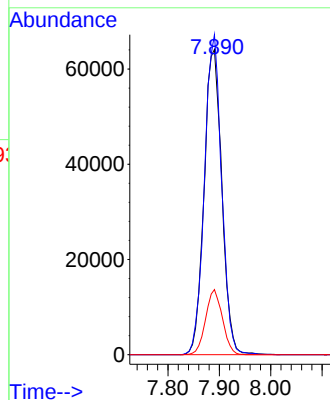
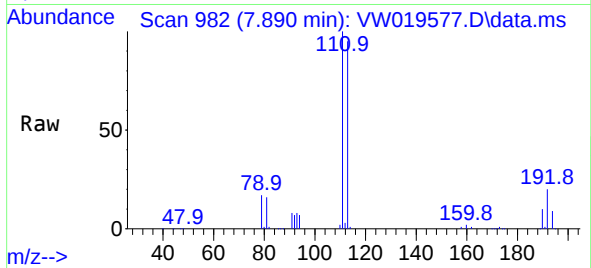




#35
Dibromofluoromethane
Concen: 51.639 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

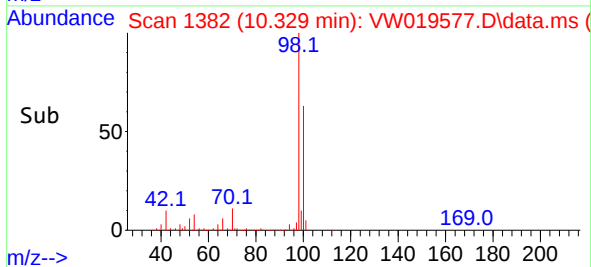
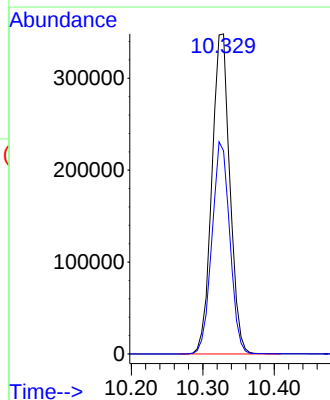
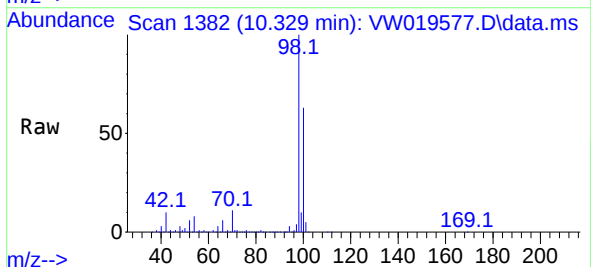
Instrument :
MSVOA_W
ClientSampleId :
TP-C

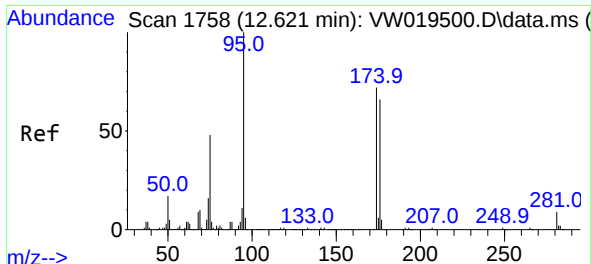
Tgt Ion:113 Resp: 153714
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 20.2 15.4 23.2



#50
Toluene-d8
Concen: 52.831 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Tgt Ion: 98 Resp: 608885
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



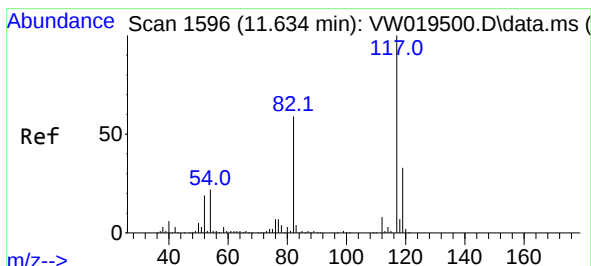
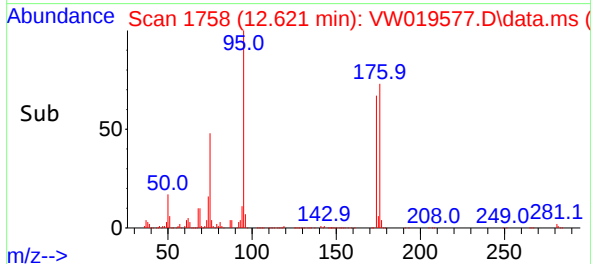
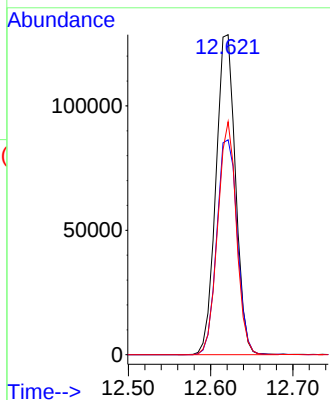
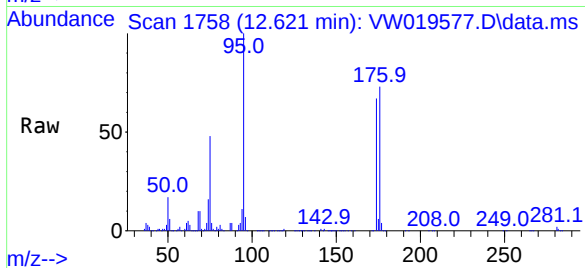


#62
4-Bromofluorobenzene
Concen: 49.291 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Instrument :
MSVOA_W
ClientSampleId :
TP-C

Tgt Ion: 95 Resp: 213089

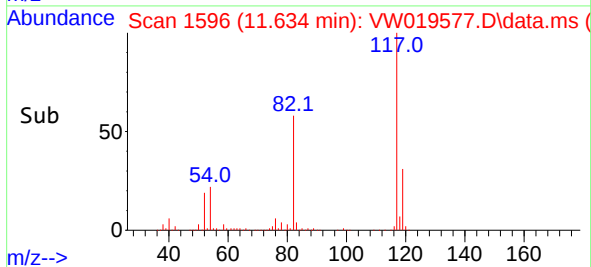
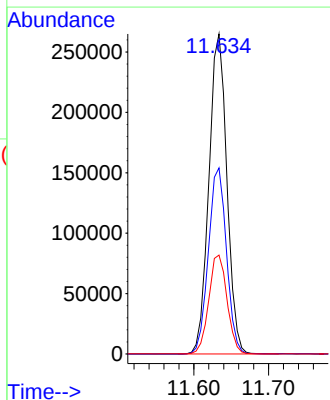
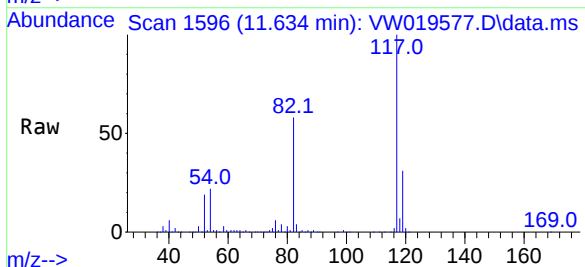
Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	146.6
176	69.6	0.0	136.8

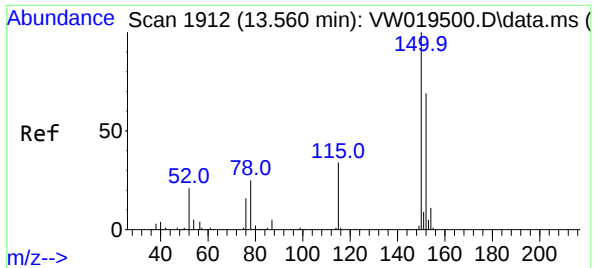


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Tgt Ion: 117 Resp: 442705

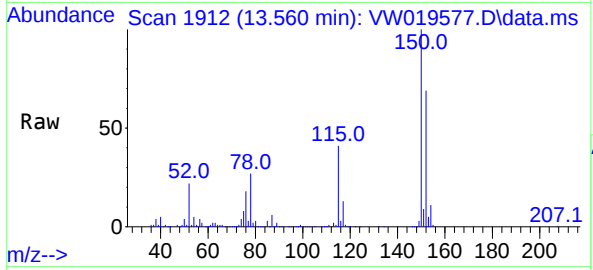
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.0
119	30.9	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019577.D
Acq: 23 Jul 2021 16:51

Instrument :
MSVOA_W
ClientSampleId :
TP-C



Tgt Ion:152 Resp: 201350

Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.6	91.8
150	154.9	0.0	342.4

