

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019521.D
 Acq On : 20 Jul 2021 19:22
 Operator : SY/VA
 Sample : M3051-08
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 41213

Quant Time: Jul 21 02:06:45 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)

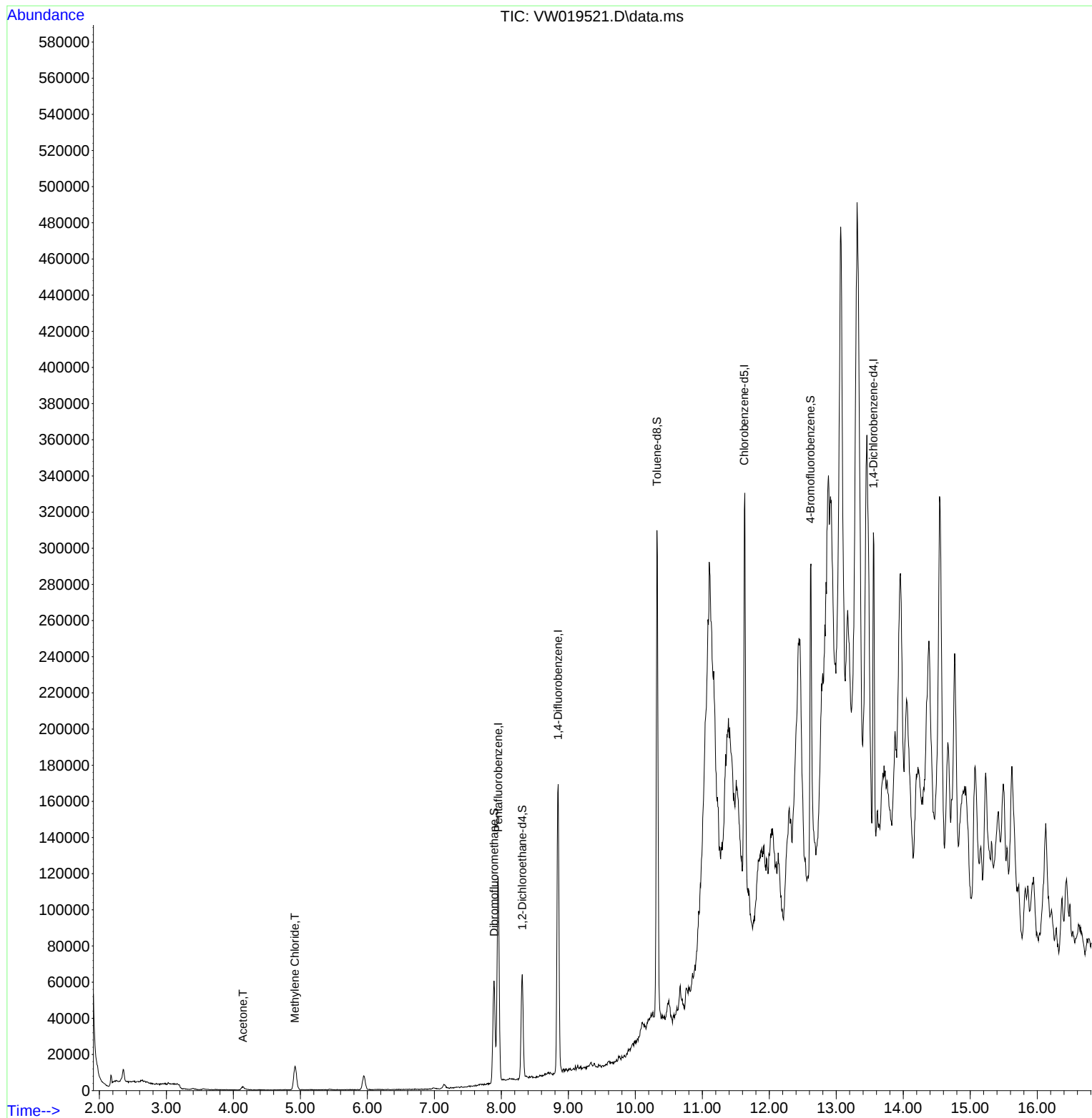
Internal Standards						
1) Pentafluorobenzene	7.952	168	83912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	136480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	124597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	49285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	47205	58.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.900%	
35) Dibromofluoromethane	7.891	113	41871	50.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.420%	
50) Toluene-d8	10.323	98	173235	53.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.615	95	60726	50.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.141	43	4261	27.921	ug/l	91
20) Methylene Chloride	4.916	84	10276	6.238	ug/l	91

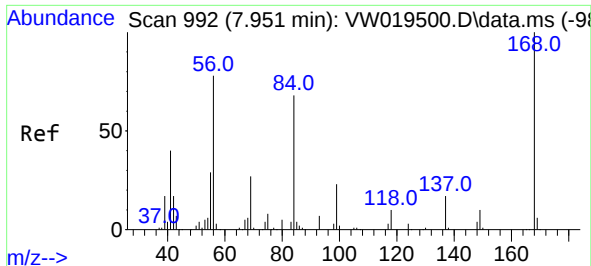
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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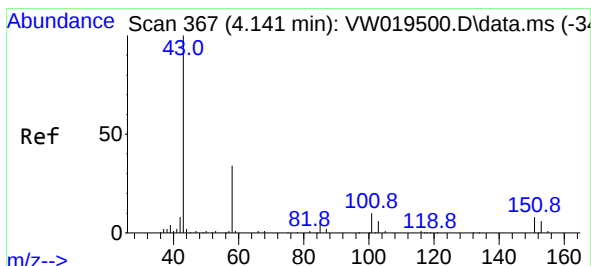
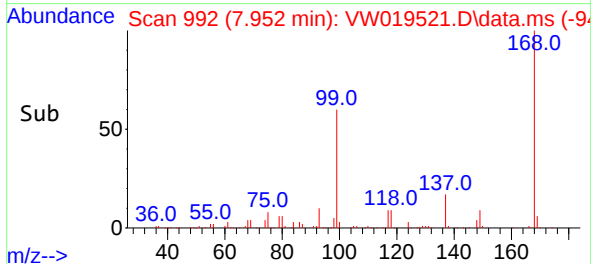
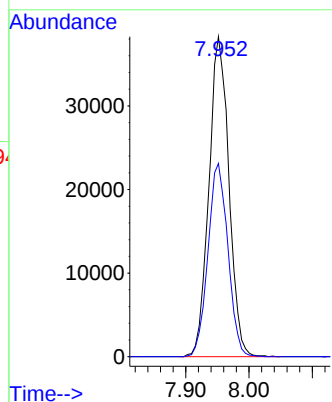
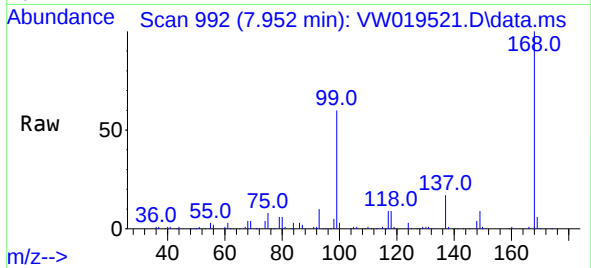




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

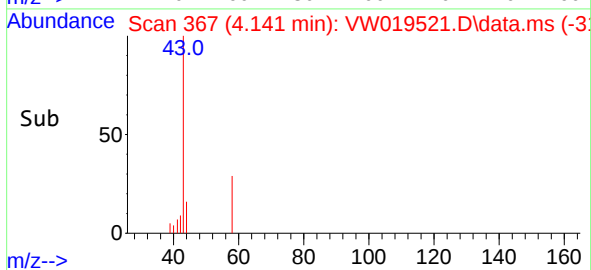
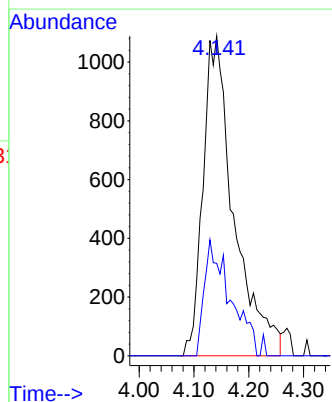
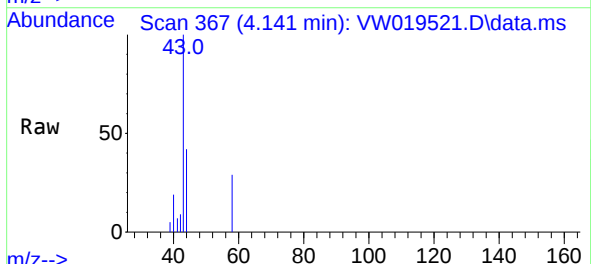
Instrument :
MSVOA_W
ClientSampled :
41213

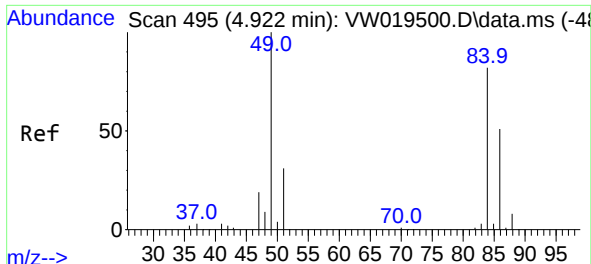
Tgt Ion:168 Resp: 83912
Ion Ratio Lower Upper
168 100
99 60.4 51.9 77.9



#16
Acetone
Concen: 27.921 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 28.9 27.2 40.8



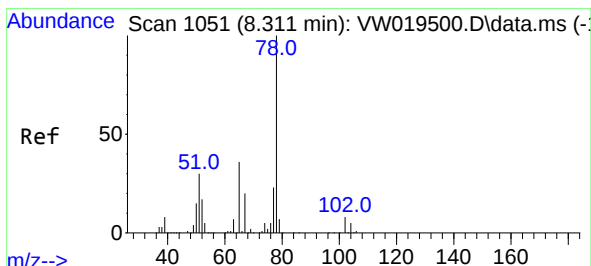
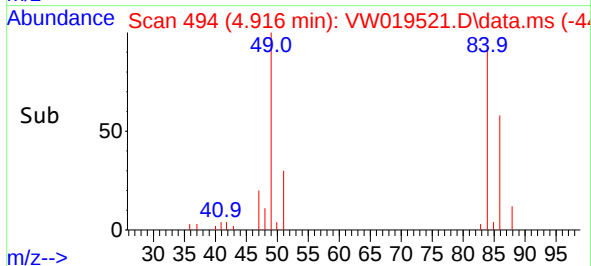
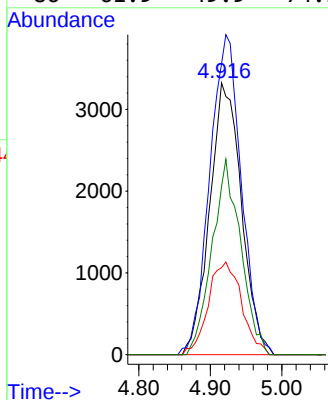
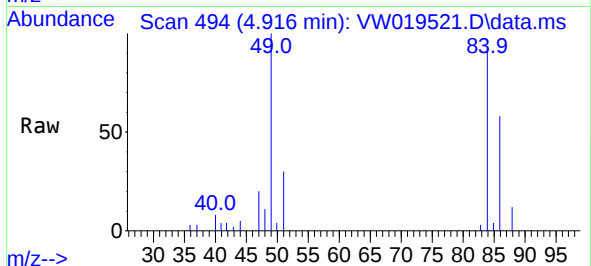


#20
Methylene Chloride
Concen: 6.238 ug/l
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

Instrument :
MSVOA_W
ClientSampled :
41213

Tgt Ion: 84 Resp: 10276

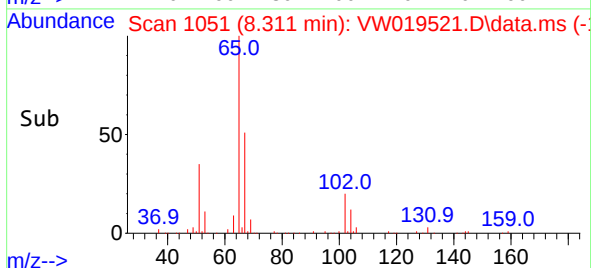
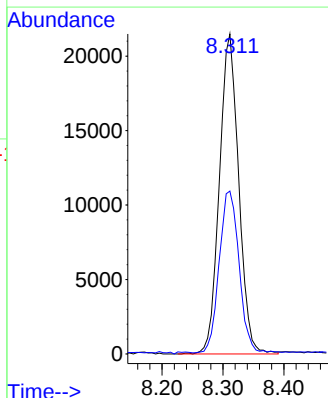
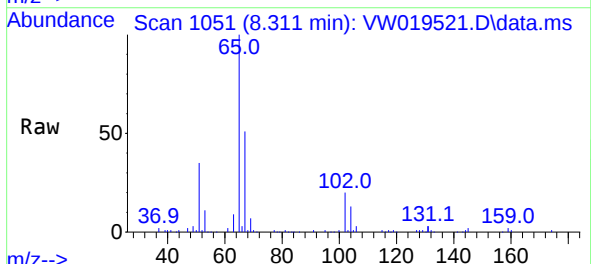
Ion	Ratio	Lower	Upper
84	100		
49	107.0	97.2	145.8
51	32.0	30.1	45.1
86	61.9	49.9	74.9

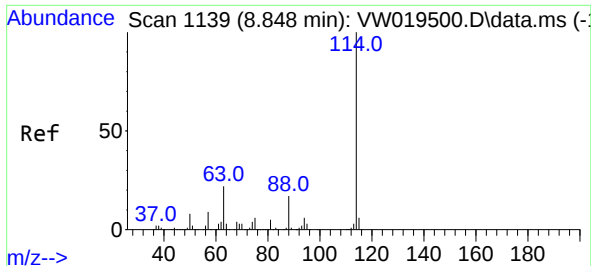


#33
1,2-Dichloroethane-d4
Concen: 58.952 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

Tgt Ion: 65 Resp: 47205

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.8

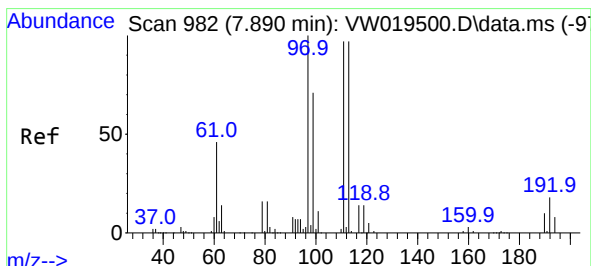
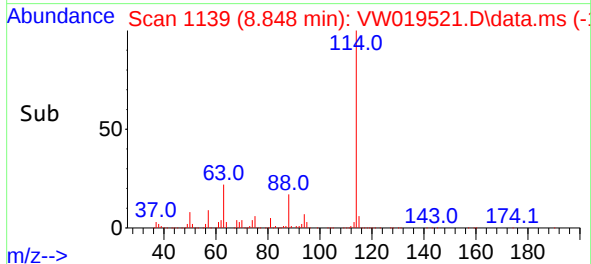
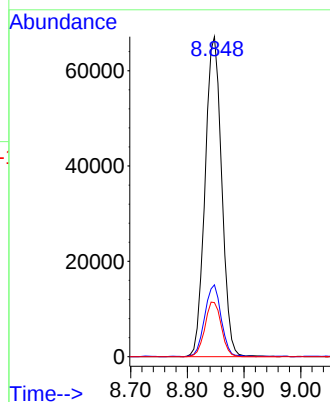
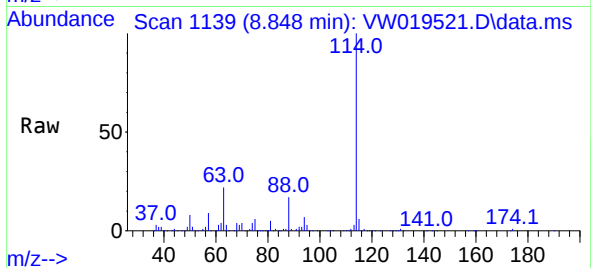




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

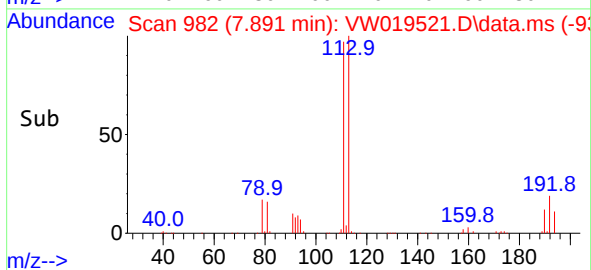
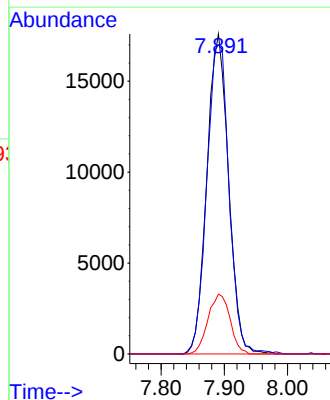
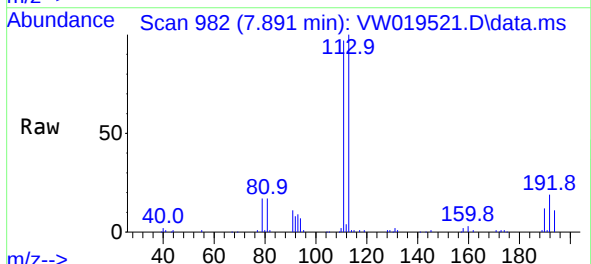
Instrument :
MSVOA_W
ClientSampleId :
41213

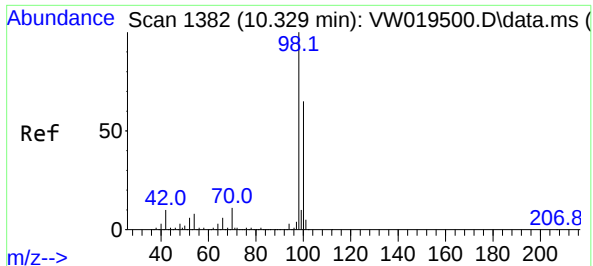
Tgt Ion:114 Resp: 136480
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.8
88 16.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.215 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

Tgt Ion:113 Resp: 41871
Ion Ratio Lower Upper
113 100
111 99.8 83.8 125.6
192 19.1 15.4 23.2

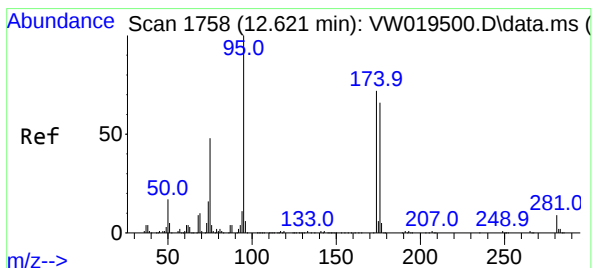
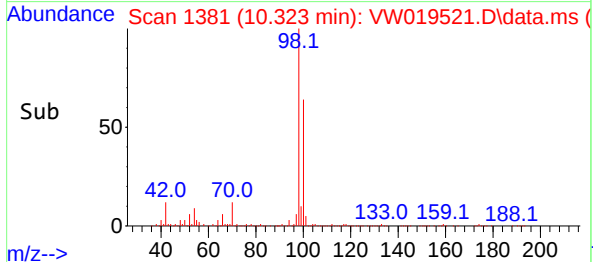
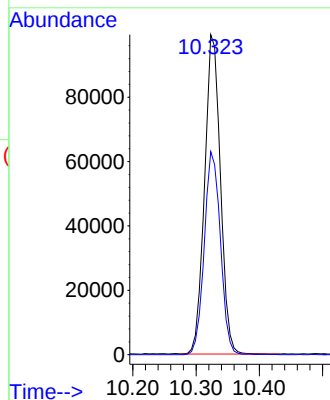
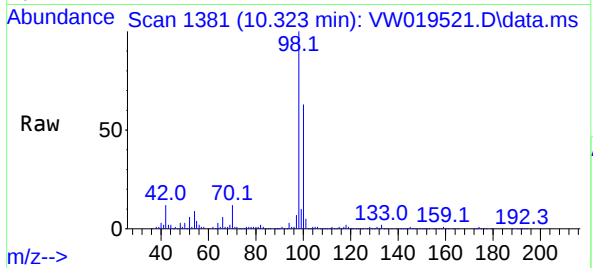




#50
Toluene-d8
Concen: 53.659 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

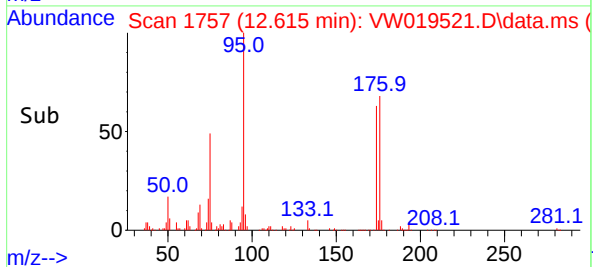
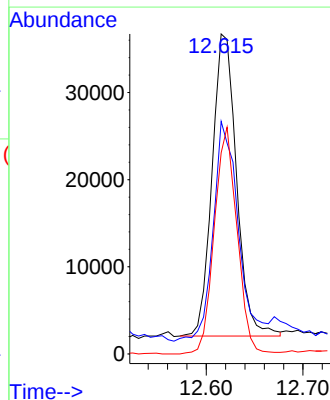
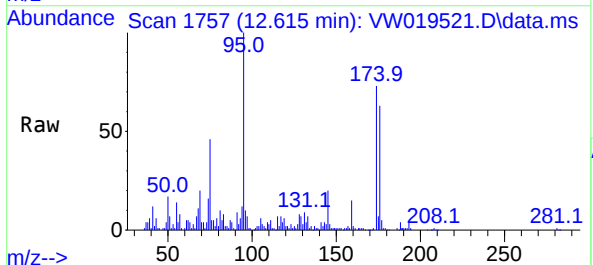
Instrument :
MSVOA_W
ClientSampleId :
41213

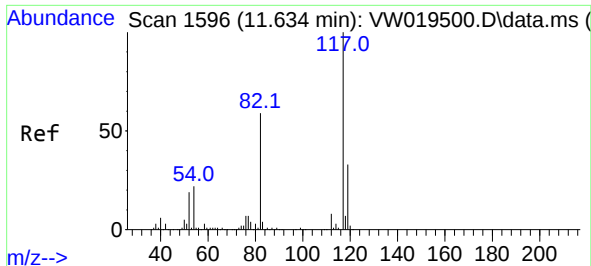
Tgt Ion: 98 Resp: 173235
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.145 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

Tgt Ion: 95 Resp: 60726
Ion Ratio Lower Upper
95 100
174 75.5 0.0 146.6
176 69.8 0.0 136.8

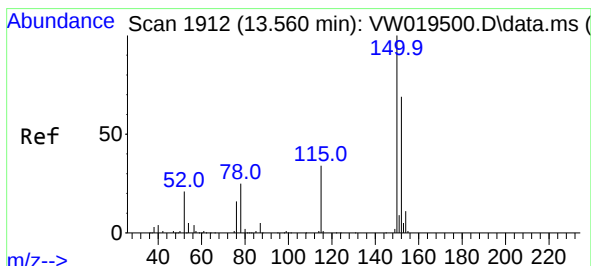
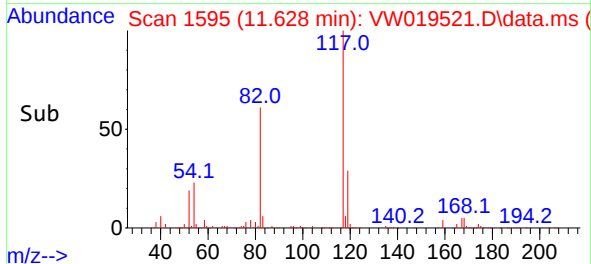
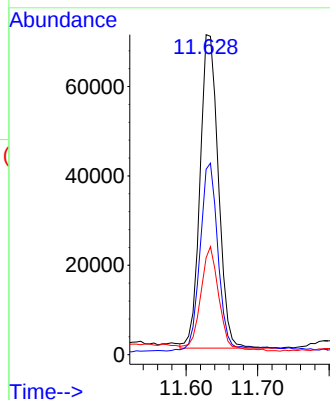
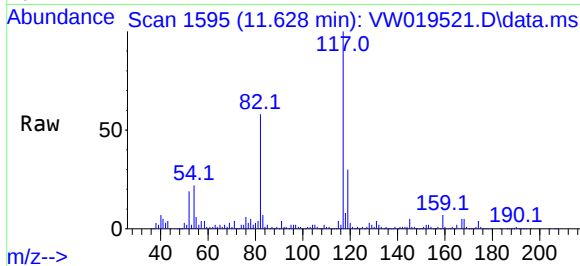




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW019521.D
Acq: 20 Jul 2021 19:22

Instrument :
MSVOA_W
ClientSampled :
41213

Tgt Ion:	117	Resp:	124597
Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.4	71.0
119	29.8	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: VW019521.D
Acq: 20 Jul 2021 19:22

Tgt Ion:	152	Resp:	49285
Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.6	91.8
150	156.9	0.0	342.4

