

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070420.D
 Acq On : 22 Sep 2021 12:08
 Operator : VA/SY
 Sample : M3824-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-BRE

Quant Time: Sep 23 05:30:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

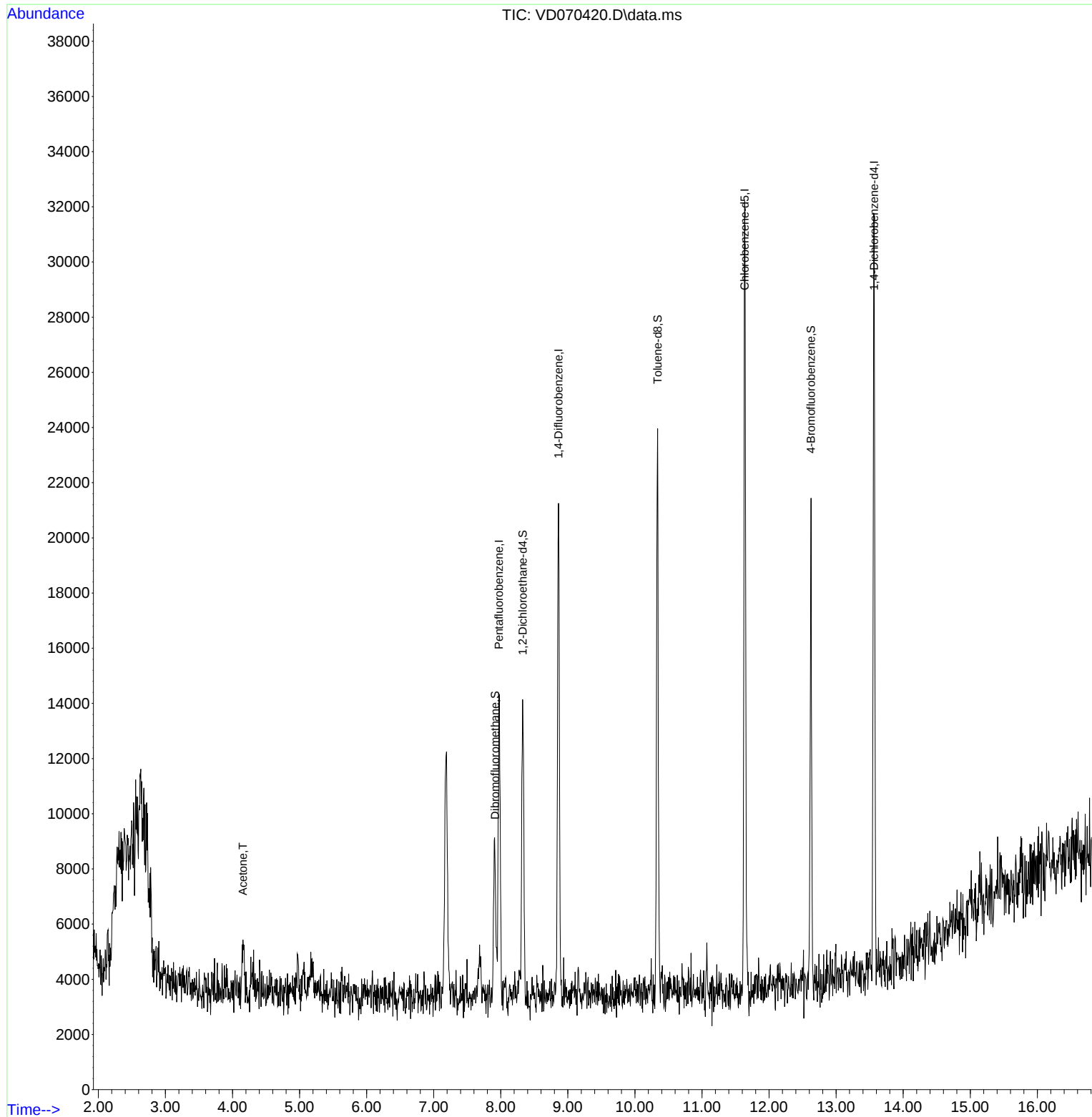
Internal Standards						
1) Pentafluorobenzene	7.973	168	8057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17864	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8778	84.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.700%#	
35) Dibromofluoromethane	7.914	113	4466	38.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.940%	
50) Toluene-d8	10.338	98	14141	33.983	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 67.960%	
62) 4-Bromofluorobenzene	12.626	95	5525	37.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.980%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	3134	169.679	ug/l	92

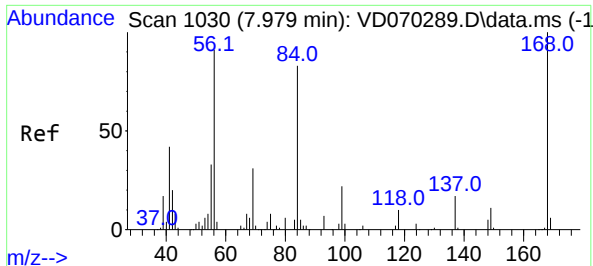
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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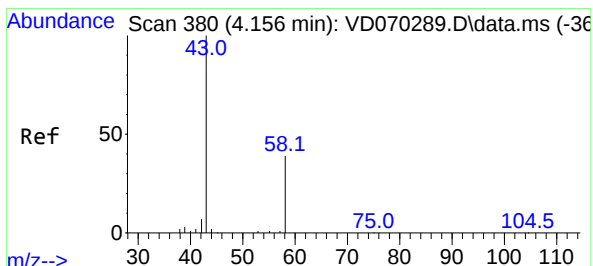
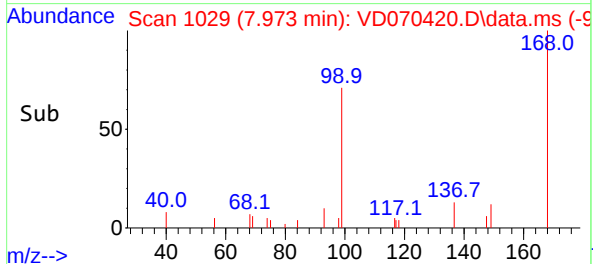
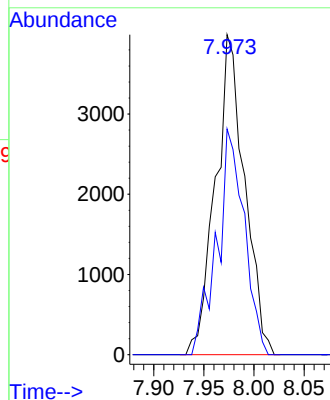
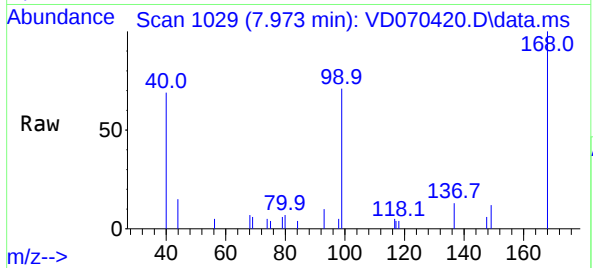




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

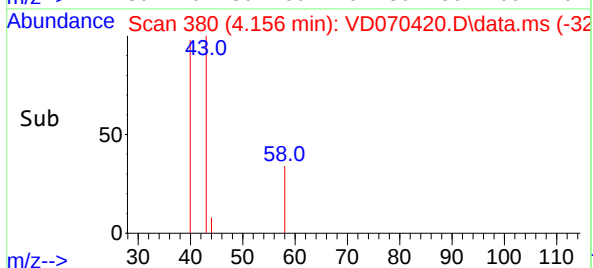
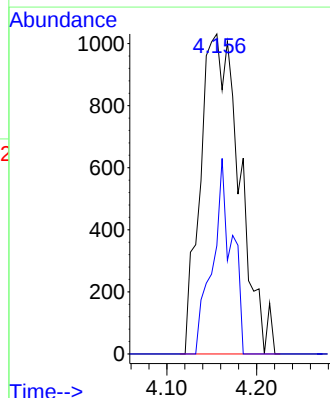
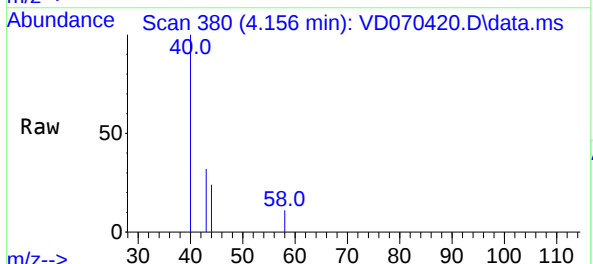
Instrument :
MSVOA_D
ClientSampleId :
TP-BRE

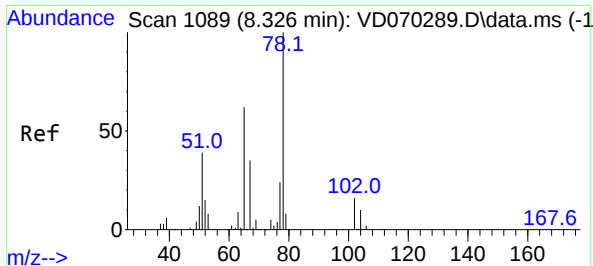
Tgt Ion:168 Resp: 8057
Ion Ratio Lower Upper
168 100
99 70.6 50.8 76.2



#16
Acetone
Concen: 169.679 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

Tgt Ion: 43 Resp: 3134
Ion Ratio Lower Upper
43 100
58 33.9 30.9 46.3

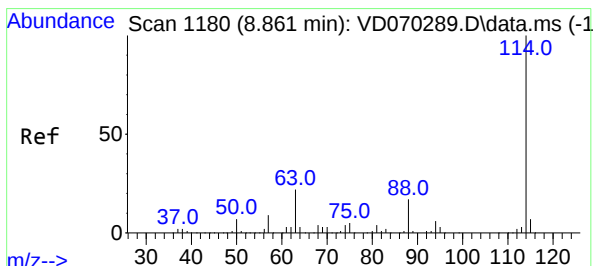
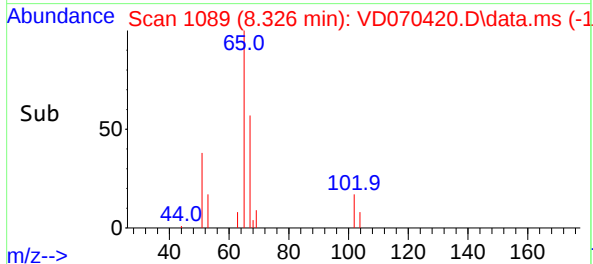
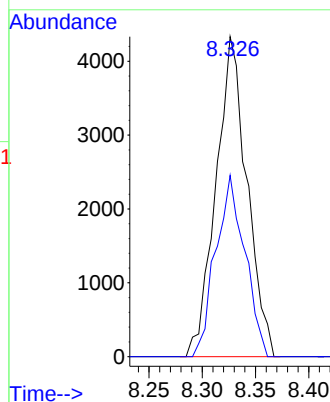
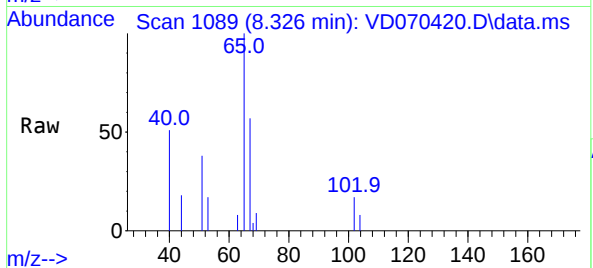




#33
1,2-Dichloroethane-d4
Concen: 84.850 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

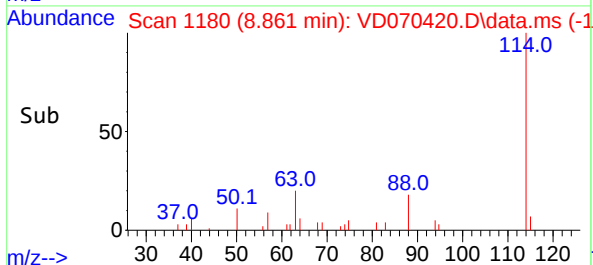
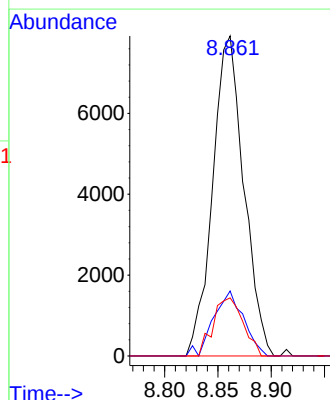
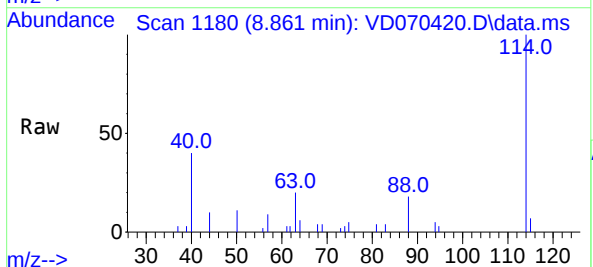
Instrument :
MSVOA_D
ClientSampled :
TP-BRE

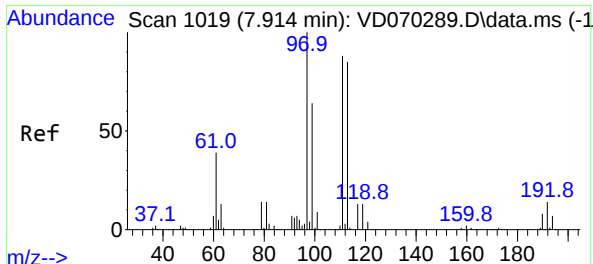
Tgt Ion: 65 Resp: 8778
Ion Ratio Lower Upper
65 100
67 53.1 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

Tgt Ion:114 Resp: 16101
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 18.2 0.0 33.4

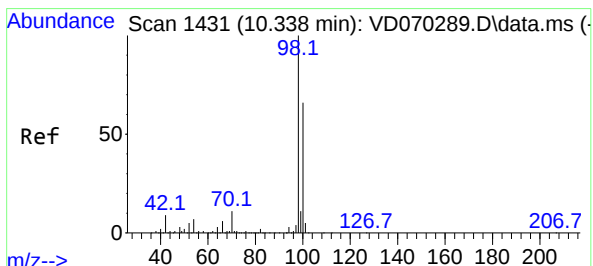
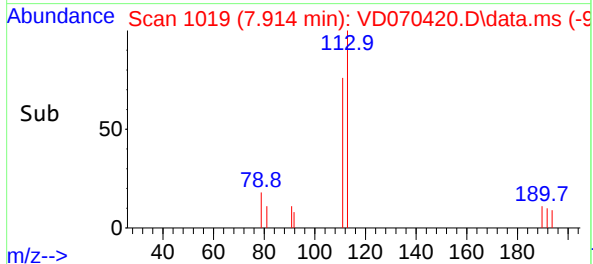
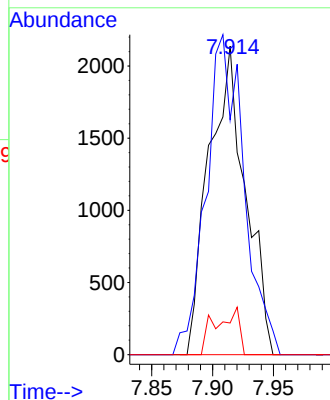
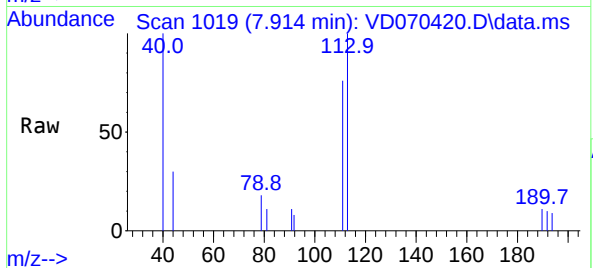




#35
Dibromofluoromethane
Concen: 38.967 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

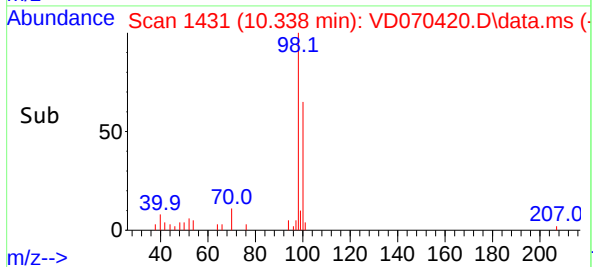
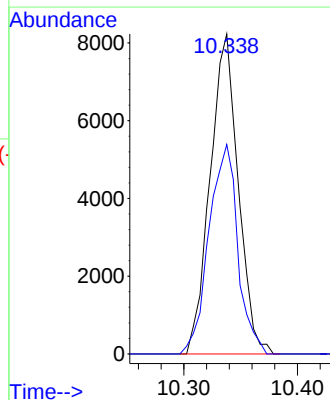
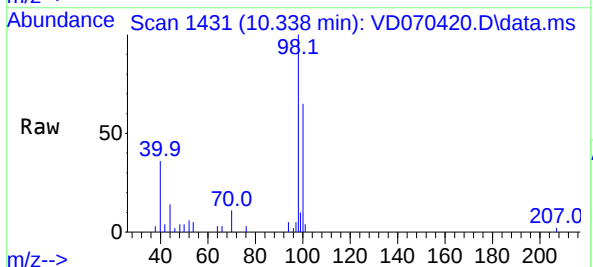
Instrument :
MSVOA_D
ClientSampled :
TP-BRE

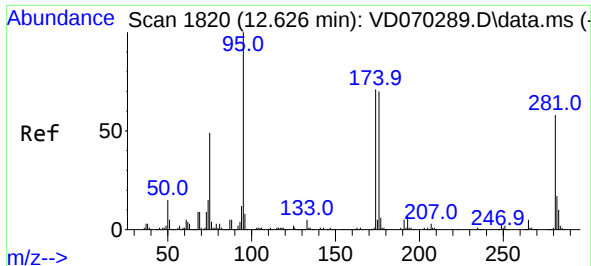
Tgt Ion:113 Resp: 4466
Ion Ratio Lower Upper
113 100
111 106.4 81.4 122.2
192 9.7 13.0 19.6#



#50
Toluene-d8
Concen: 33.983 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

Tgt Ion: 98 Resp: 14141
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

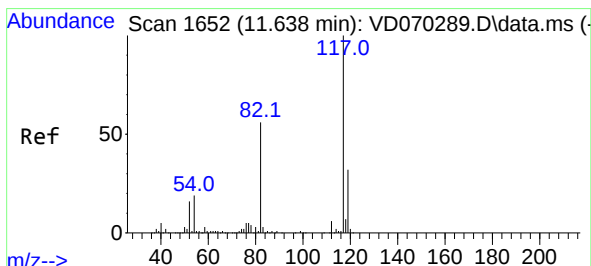
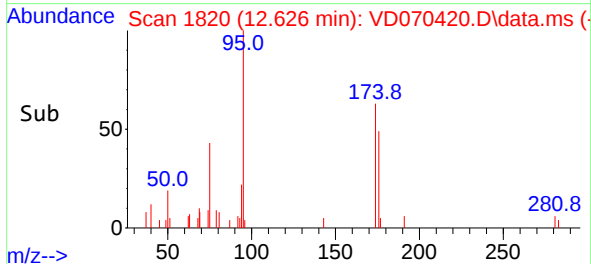
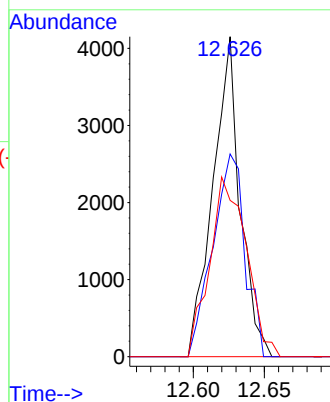
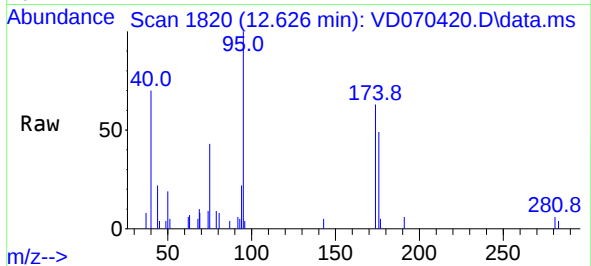




#62
4-Bromofluorobenzene
Concen: 37.991 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

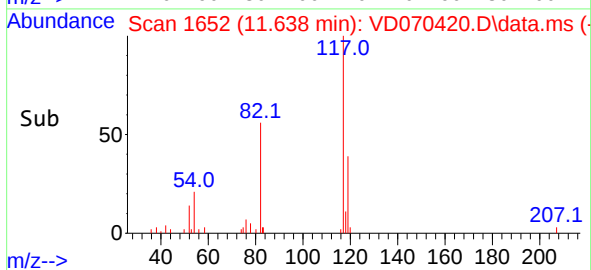
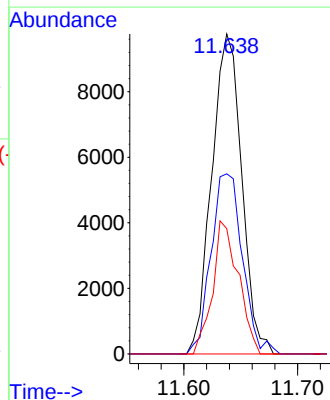
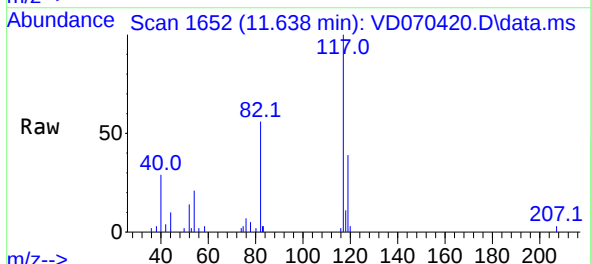
Instrument :
MSVOA_D
ClientSampled :
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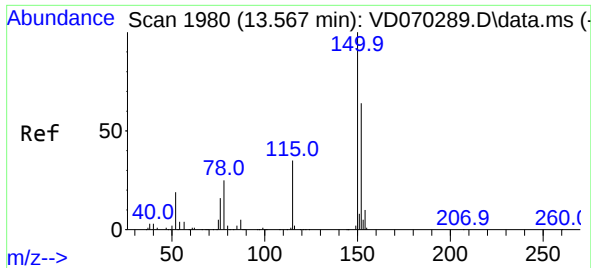
Tgt Ion: 95 Resp: 5525
Ion Ratio Lower Upper
95 100
174 75.4 0.0 140.6
176 75.5 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070420.D
Acq: 22 Sep 2021 12:08

Tgt Ion: 117 Resp: 17864
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 39.1 25.2 37.8#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070420.D
 Acq: 22 Sep 2021 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-BRE

Tgt Ion:	152	Resp:	8532
Ion	Ratio	Lower	Upper
152	100		
115	53.3	32.1	96.3
150	150.3	0.0	350.6

