

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069050.D
 Acq On : 03 May 2021 19:12
 Operator : VA/SY
 Sample : M2239-01
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-043021

Quant Time: May 04 04:15:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	10528	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	18807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	7425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15623	117.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 235.00%#	
35) Dibromofluoromethane	7.920	113	10341	83.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 166.30%#	
50) Toluene-d8	10.338	98	23571	51.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.34%	
62) 4-Bromofluorobenzene	12.626	95	7593	48.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.66%	

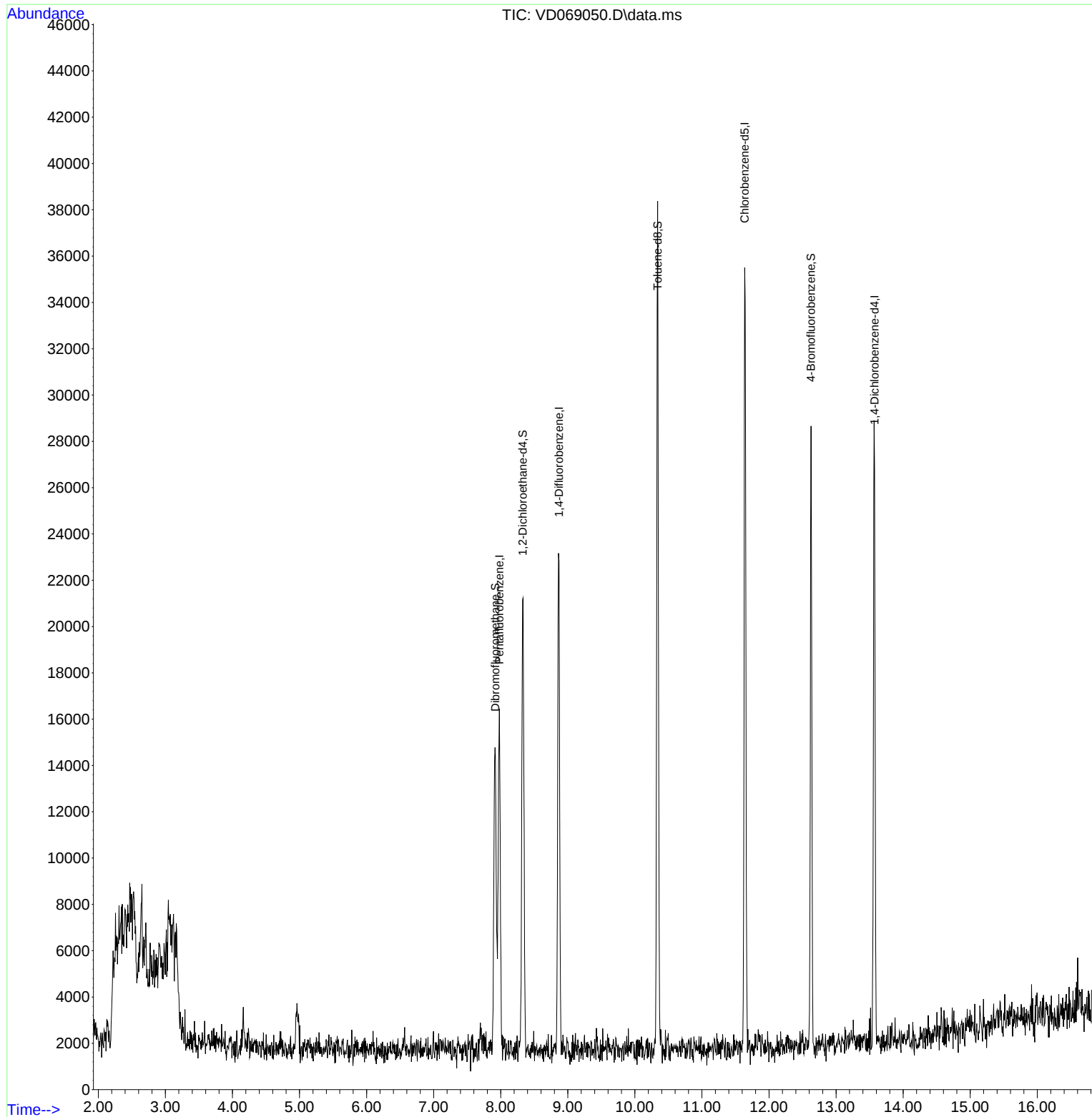
Target Compounds	Qvalue

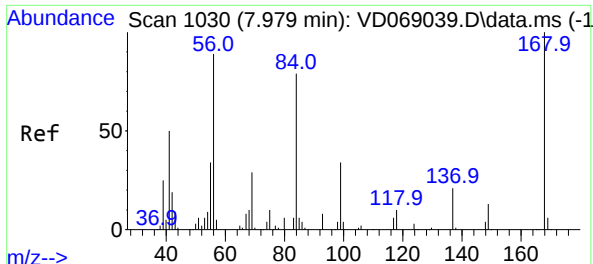
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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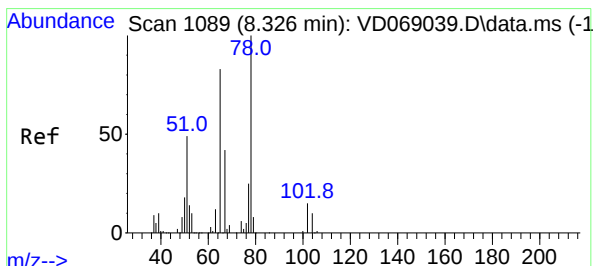
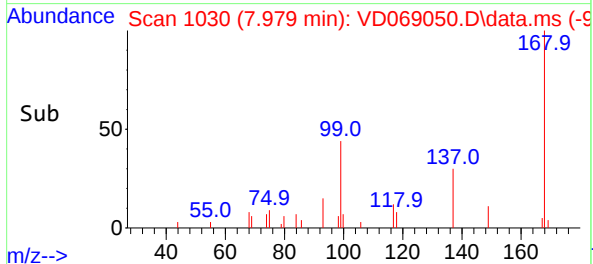
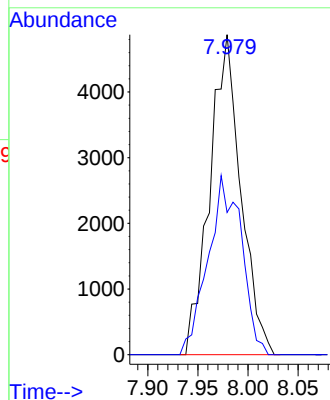
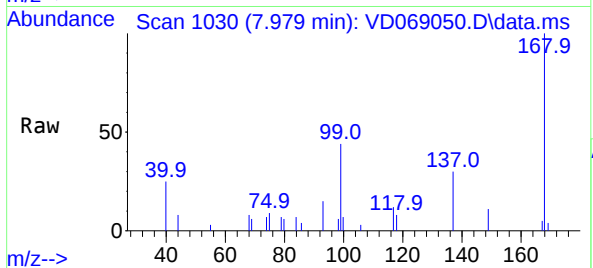




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

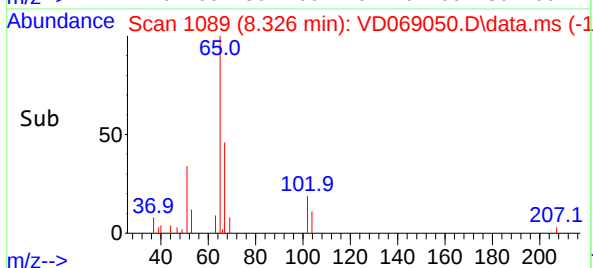
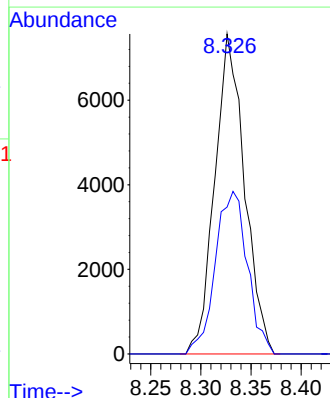
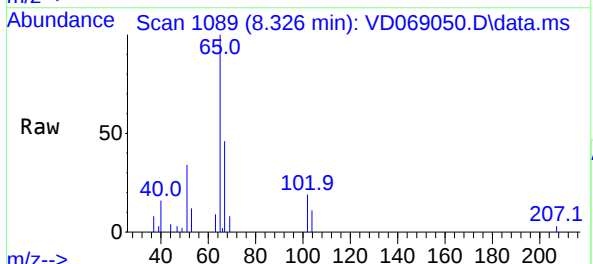
Instrument :
MSVOA_D
ClientSampleId :
TR-08-043021

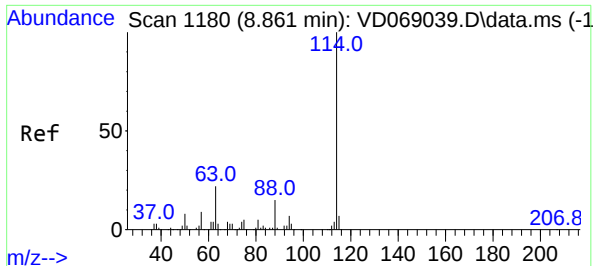
Tgt Ion:168 Resp: 10528
Ion Ratio Lower Upper
168 100
99 44.5 46.2 69.2#



#33
1,2-Dichloroethane-d4
Concen: 117.50 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

Tgt Ion: 65 Resp: 15623
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.0



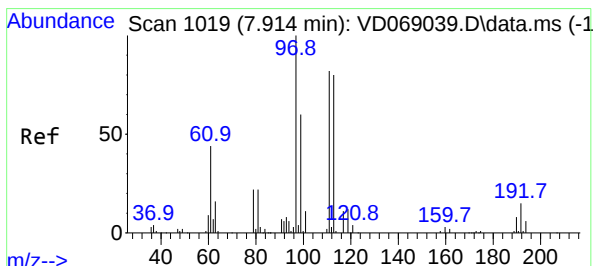
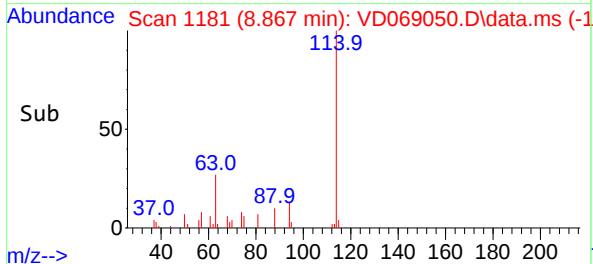
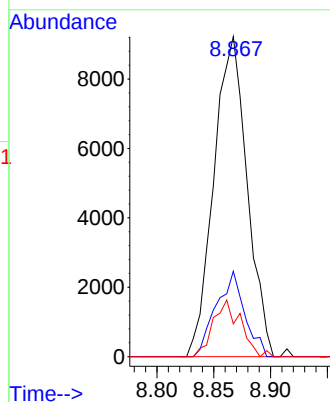
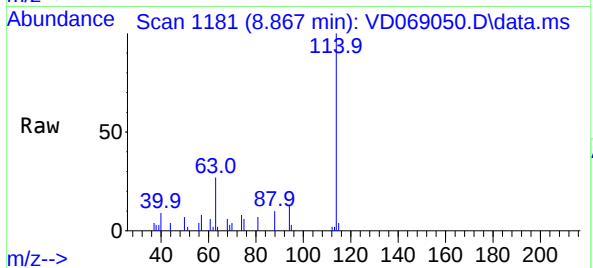


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

Instrument :
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TR-08-043021

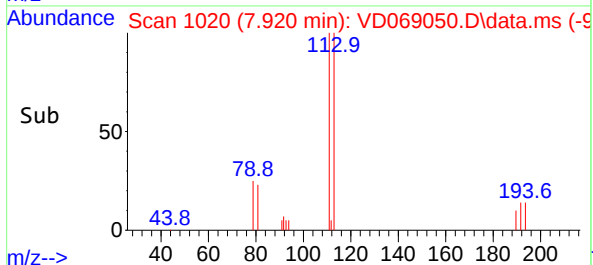
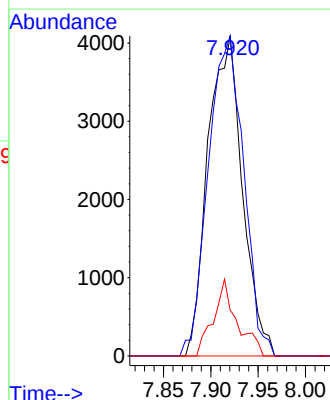
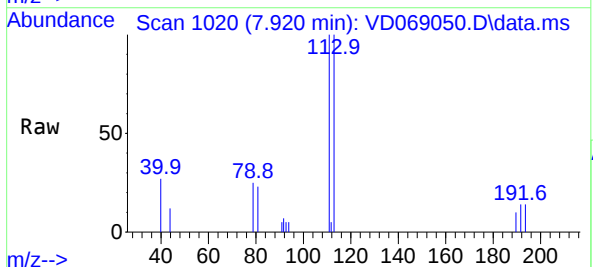
Tgt Ion:	114	Resp:	18807
Ion Ratio	Lower	Upper	
114	100		
63	26.7	0.0	38.2
88	10.3	0.0	29.4

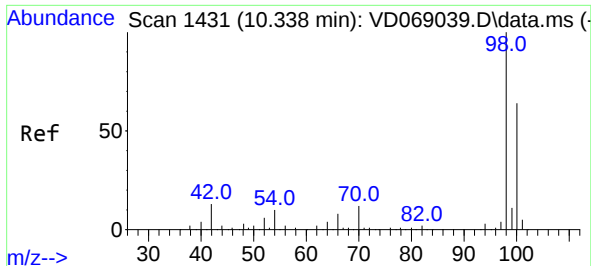


#35

Dibromofluoromethane
Concen: 83.15 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

Tgt Ion:	113	Resp:	10341
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.5	123.7
192	16.3	15.1	22.7

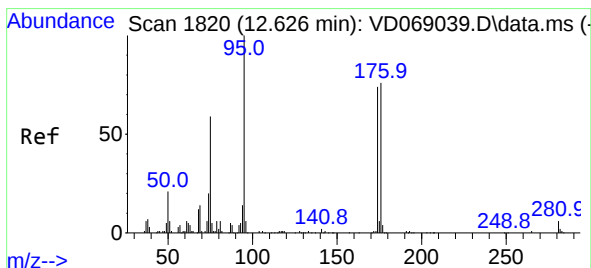
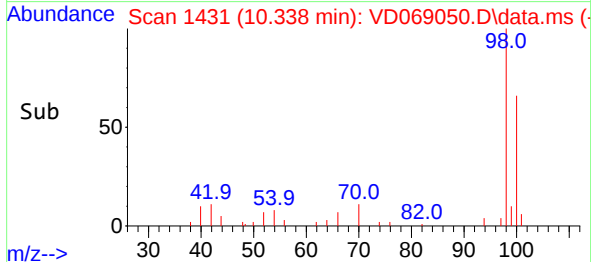
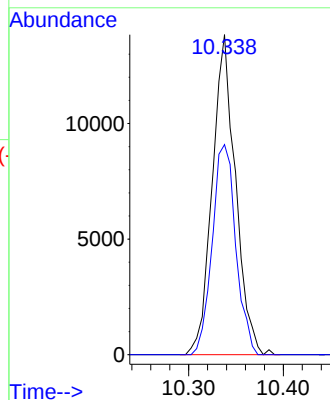
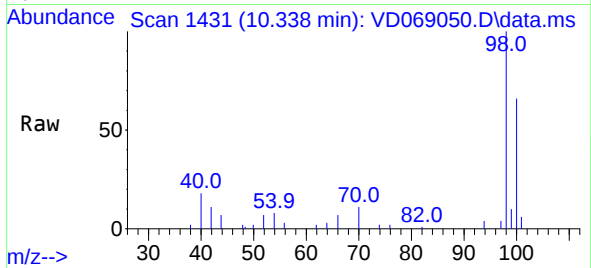




#50
Toluene-d8
Concen: 51.17 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

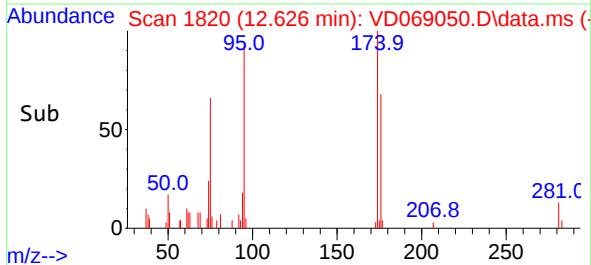
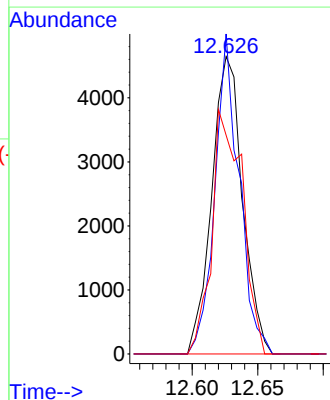
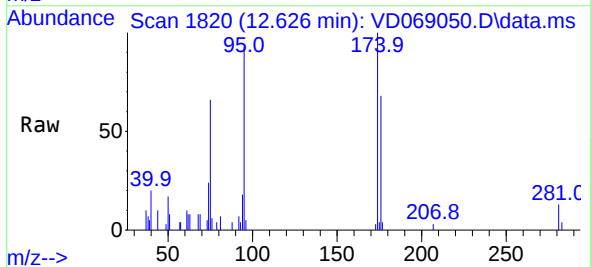
Instrument :
MSVOA_D
ClientSampleId :
TR-08-043021

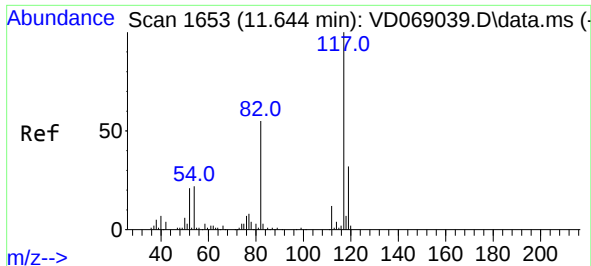
Tgt Ion: 98 Resp: 23571
Ion Ratio Lower Upper
98 100
100 66.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.83 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

Tgt Ion: 95 Resp: 7593
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.0
176 81.2 0.0 160.2

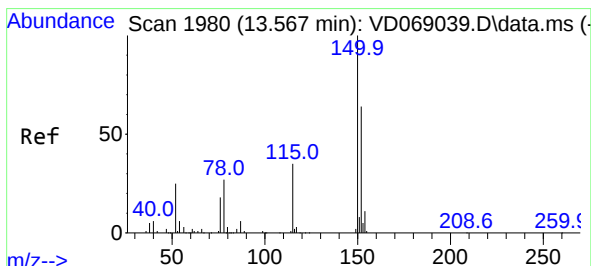
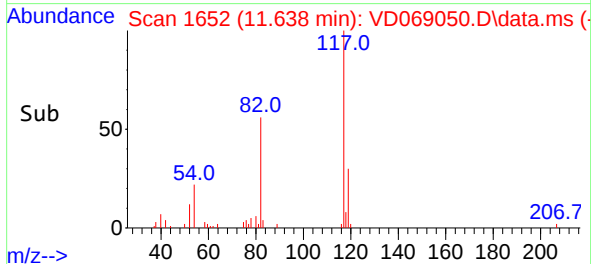
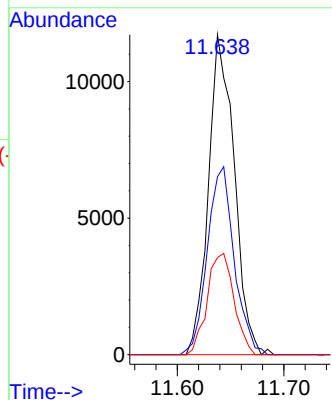
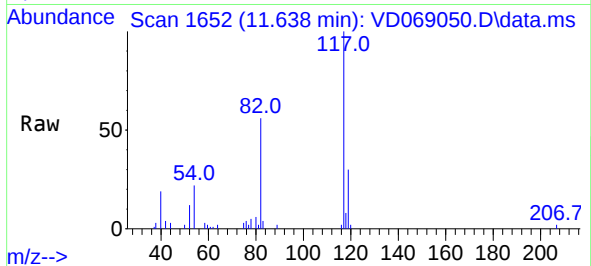




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

Instrument :
MSVOA_D
ClientSampleId :
TR-08-043021

Tgt Ion:	117	Resp:	19716
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.5	65.3
119	30.4	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069050.D
Acq: 03 May 2021 19:12

Tgt Ion:	152	Resp:	7425
Ion	Ratio	Lower	Upper
152	100		
115	63.7	29.3	87.8
150	164.5	0.0	347.6

