

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069052.D
 Acq On : 03 May 2021 20:11
 Operator : VA/SY
 Sample : M2236-01
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11991

Quant Time: May 04 04:16:51 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	104800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	199582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	179472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	60785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	87126	65.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.66%
35) Dibromofluoromethane	7.908	113	81386	61.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.32%
50) Toluene-d8	10.338	98	228898	46.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.64%
62) 4-Bromofluorobenzene	12.632	95	68078	41.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.50%

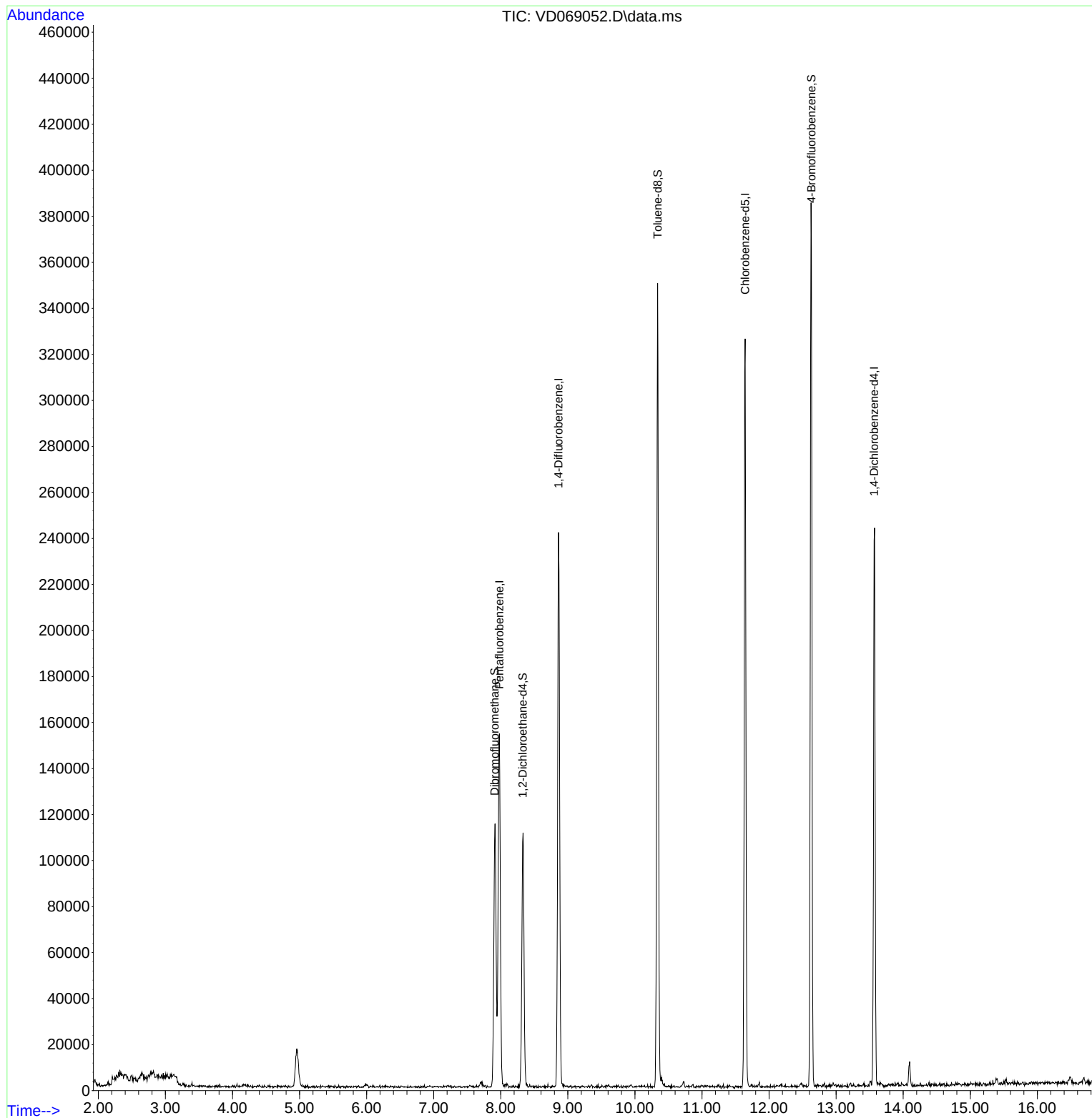
Target Compounds	Qvalue

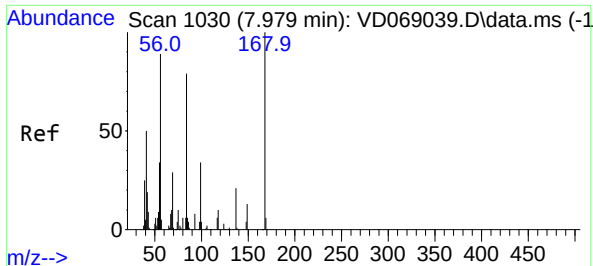
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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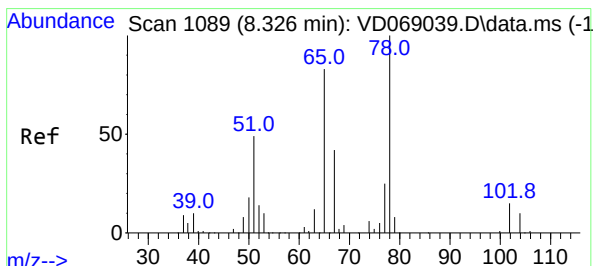
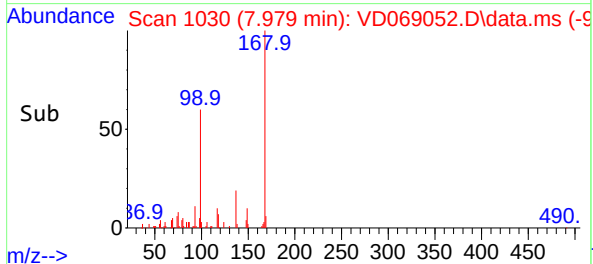
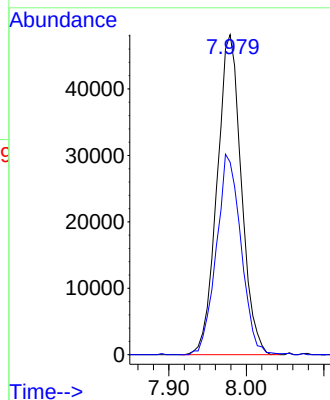
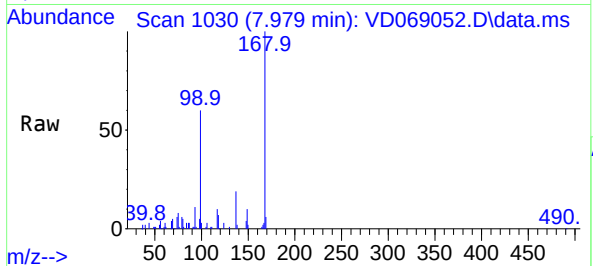




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

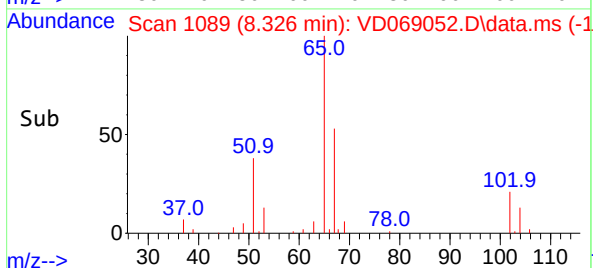
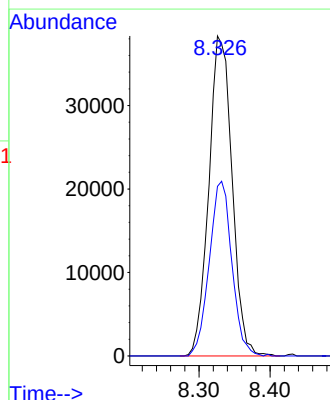
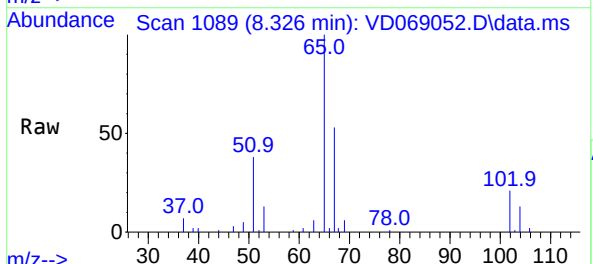
Instrument :
MSVOA_D
ClientSampleId :
11991

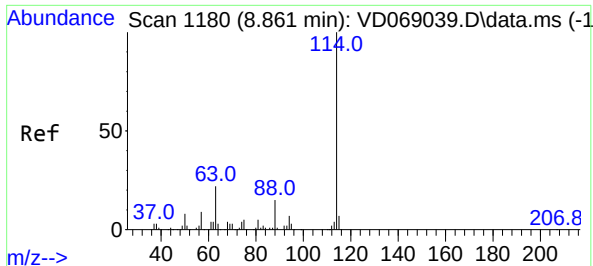
Tgt Ion:168 Resp: 104800
Ion Ratio Lower Upper
168 100
99 60.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 65.83 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 65 Resp: 87126
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



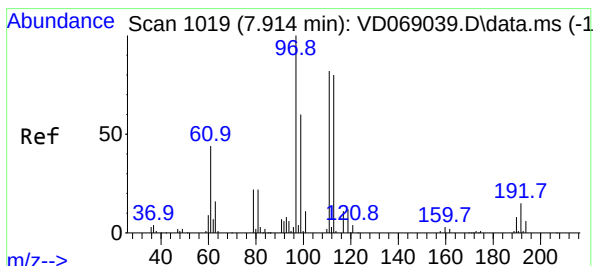
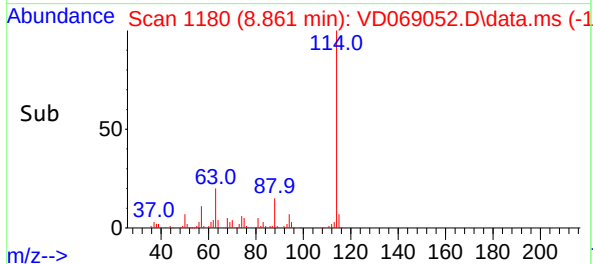
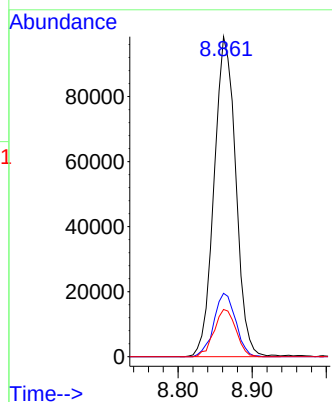
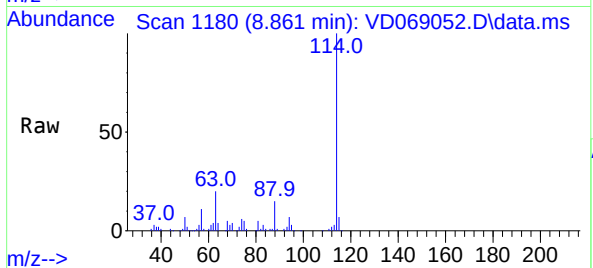


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Instrument :
MSVOA_D
ClientSampleId :
11991

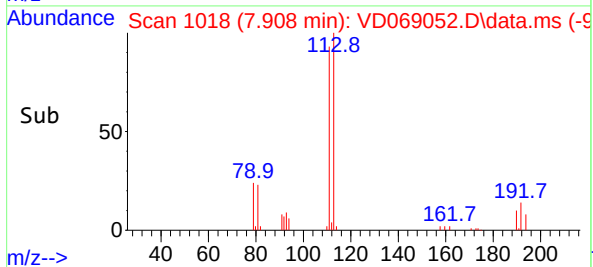
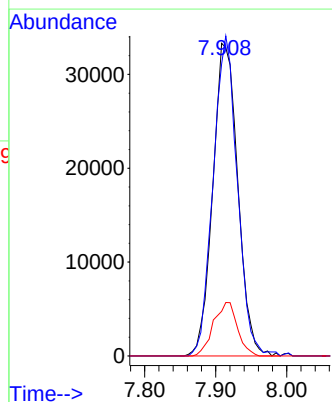
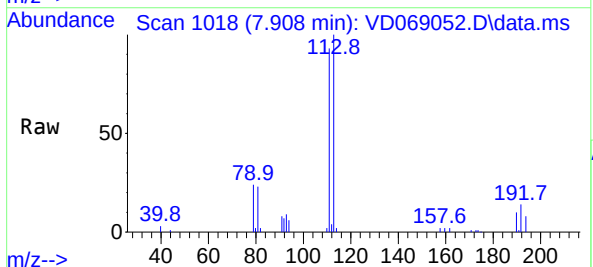
Tgt Ion:114 Resp: 199582
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.2
88 14.8 0.0 29.4

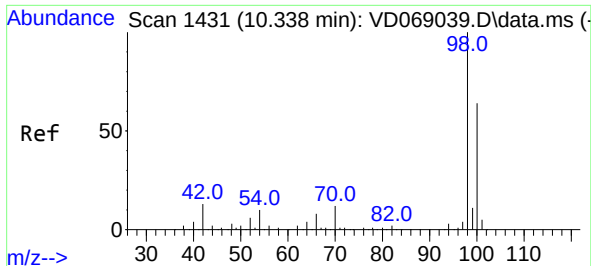


#35

Dibromofluoromethane
Concen: 61.66 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion:113 Resp: 81386
Ion Ratio Lower Upper
113 100
111 99.1 82.5 123.7
192 16.3 15.1 22.7

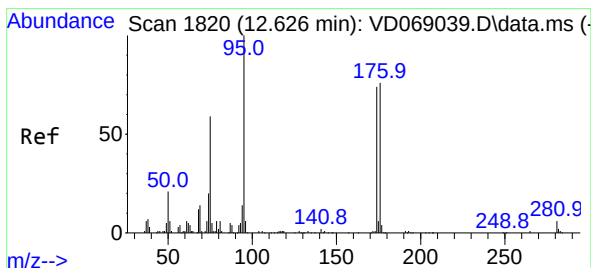
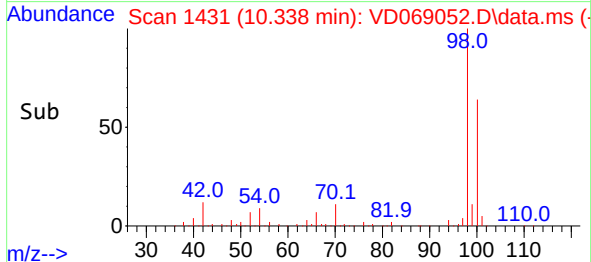
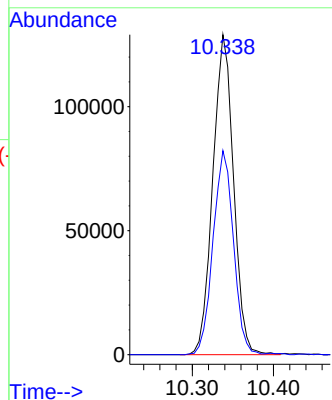
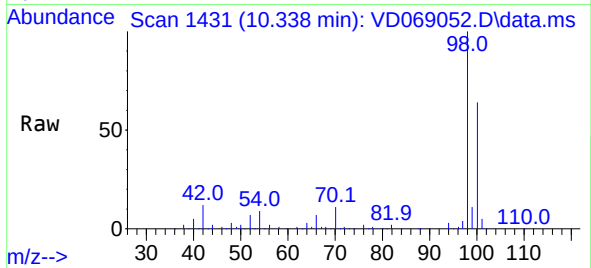




#50
Toluene-d8
Concen: 46.82 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

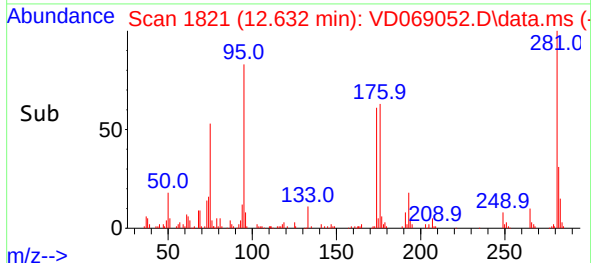
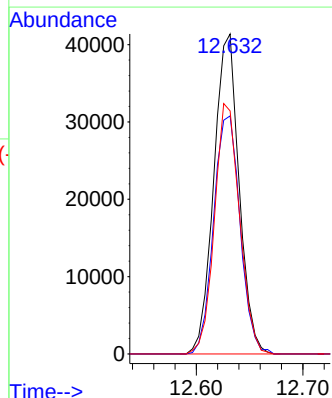
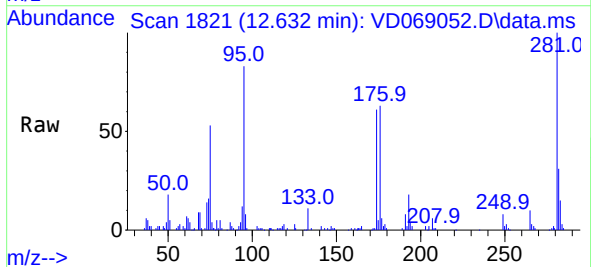
Instrument :
MSVOA_D
ClientSampled :
11991

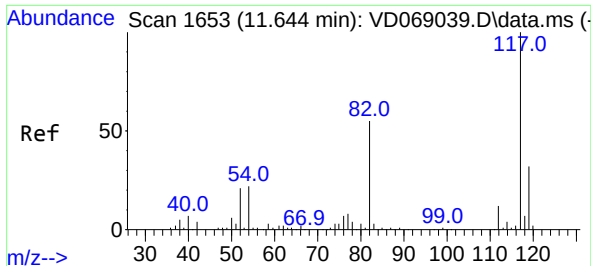
Tgt Ion: 98 Resp: 228898
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 41.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 95 Resp: 68078
Ion Ratio Lower Upper
95 100
174 77.8 0.0 168.0
176 77.7 0.0 160.2

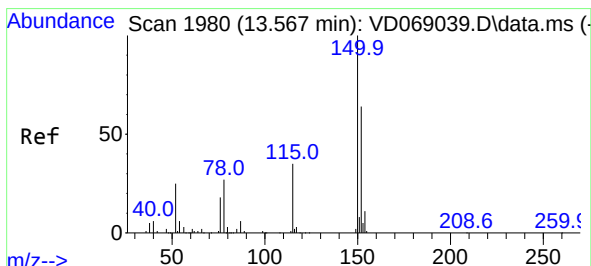
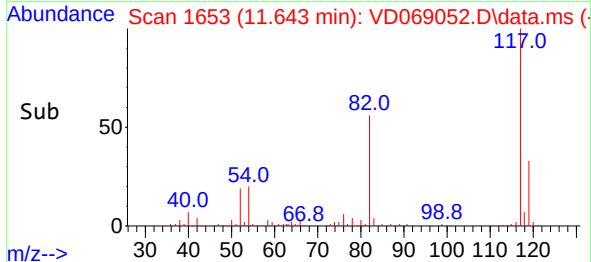
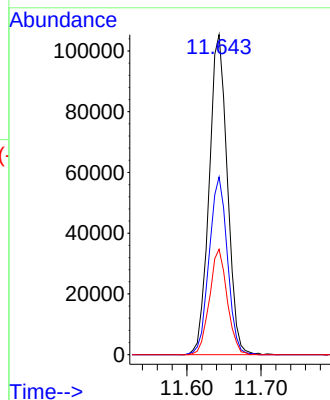
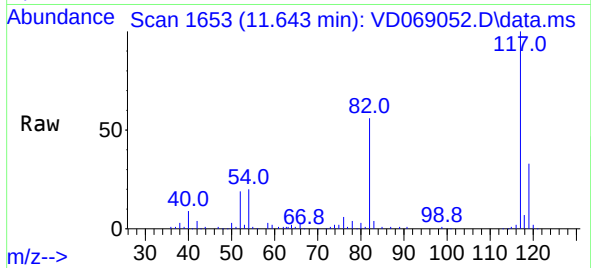




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Instrument :
MSVOA_D
ClientSampled :
11991

Tgt Ion:117 Resp: 179472
Ion Ratio Lower Upper
117 100
82 55.5 43.5 65.3
119 33.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion:152 Resp: 60785
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.8
150 157.6 0.0 347.6

