

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070757.D
 Acq On : 19 Oct 2021 14:33
 Operator : VA/SY
 Sample : M4252-10
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-CB-(1)

Quant Time: Oct 20 04:40:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	408233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	771743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	731030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	298874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279237	57.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.50%
35) Dibromofluoromethane	7.914	113	257847	52.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.36%
50) Toluene-d8	10.338	98	1011702	53.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.82%
62) 4-Bromofluorobenzene	12.626	95	309520	47.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.90%

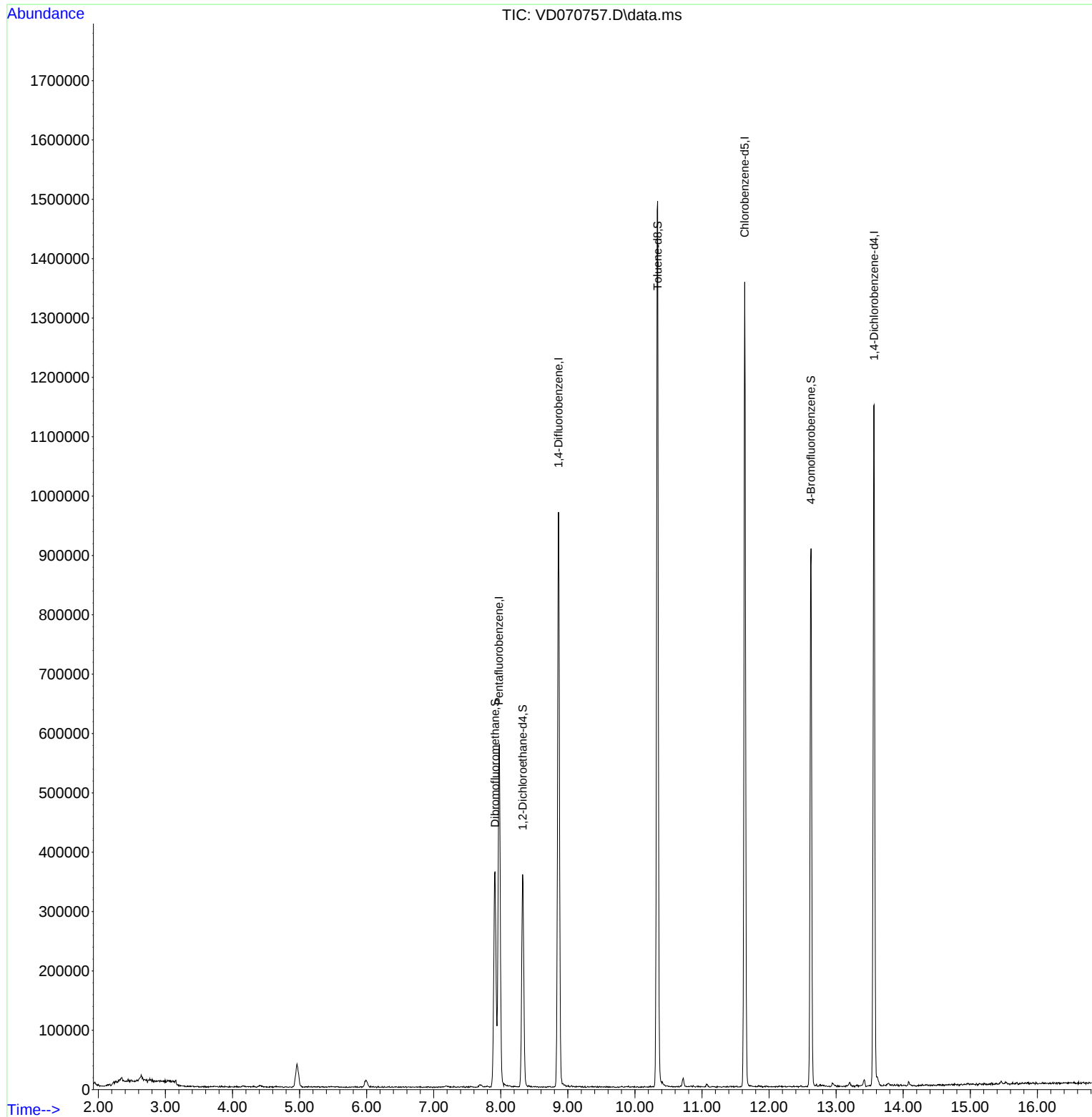
Target Compounds	Qvalue

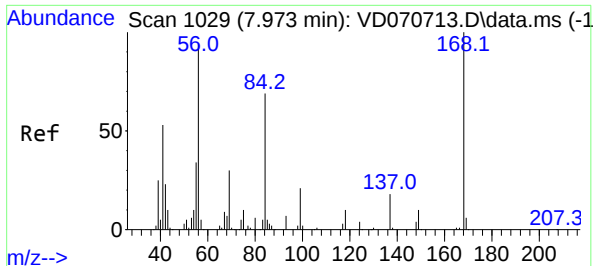
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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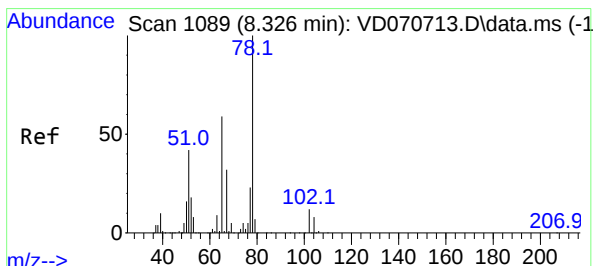
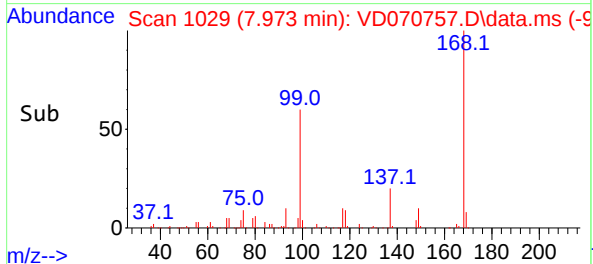
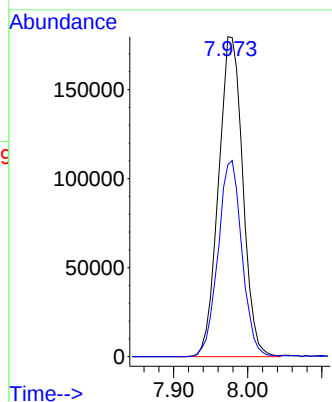
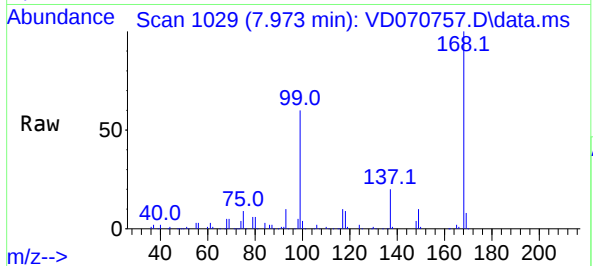




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33

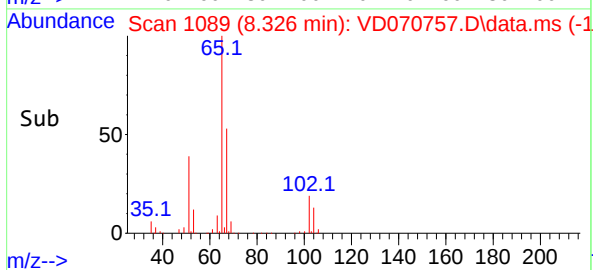
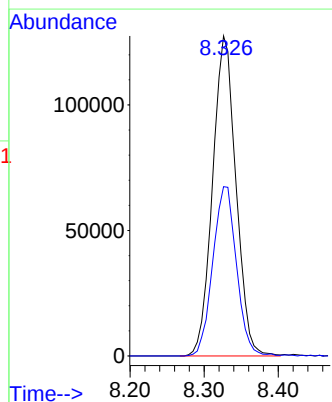
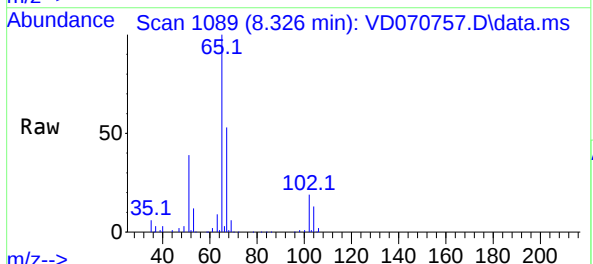
Instrument :
MSVOA_D
ClientSampleId :
MH-CB-(1)

Tgt Ion:168 Resp: 408233
Ion Ratio Lower Upper
168 100
99 60.0 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 57.75 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33

Tgt Ion: 65 Resp: 279237
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2



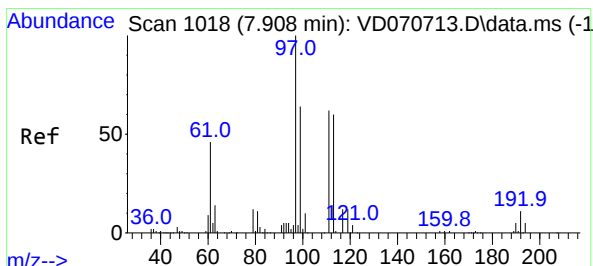
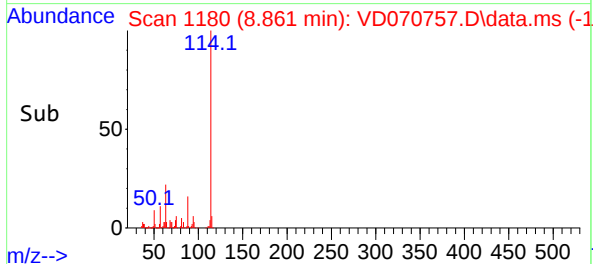
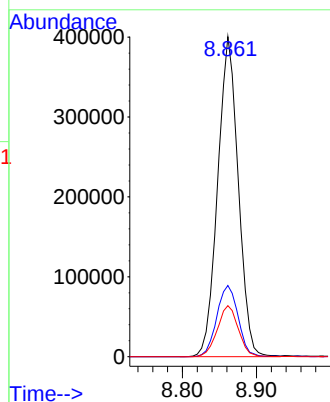
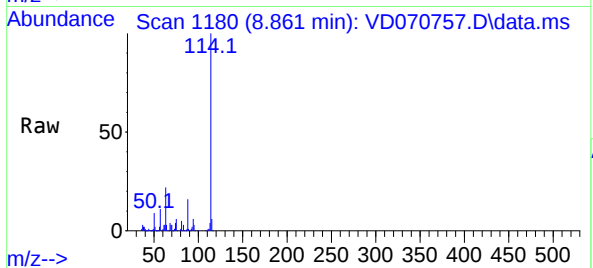


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33

Instrument :
MSVOA_D
ClientSampleId :
MH-CB-(1)

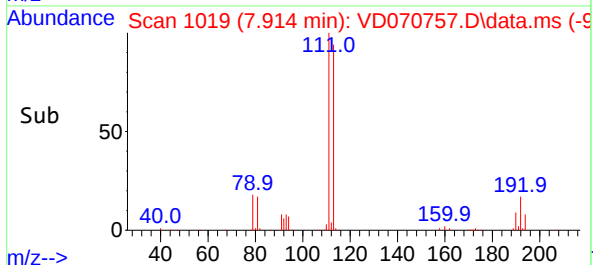
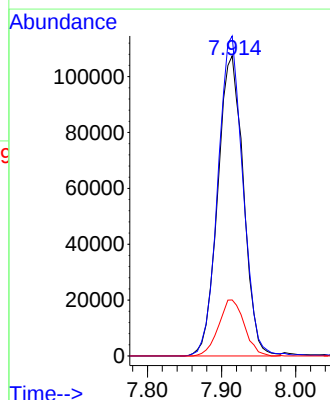
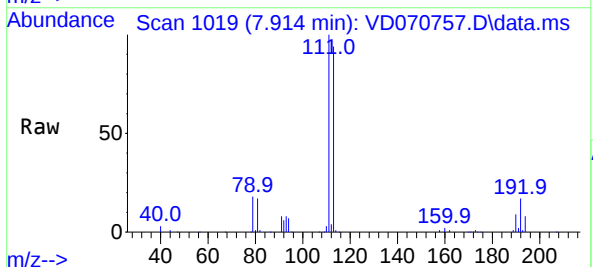
Tgt Ion:114 Resp: 771743
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.0 0.0 32.6

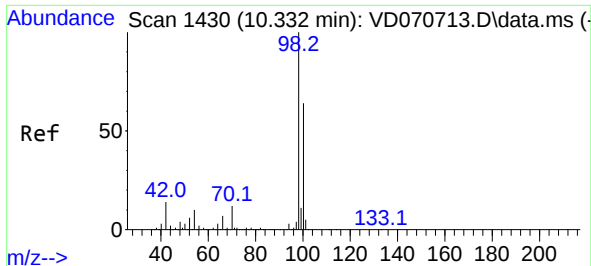


#35

Dibromofluoromethane
Concen: 52.18 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33

Tgt Ion:113 Resp: 257847
Ion Ratio Lower Upper
113 100
111 104.0 83.1 124.7
192 18.8 12.7 19.1

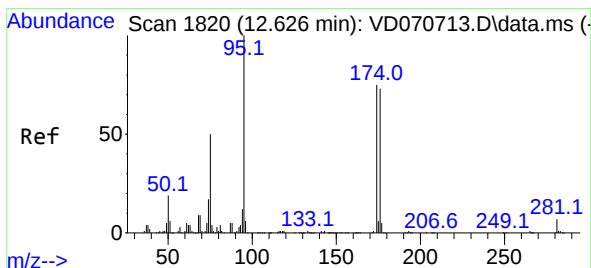
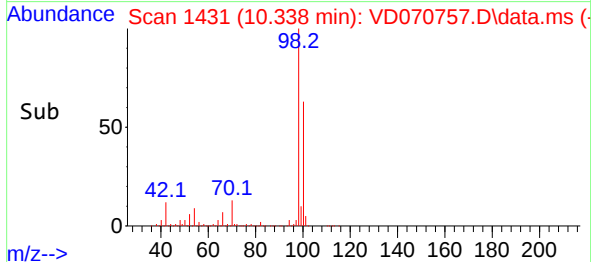
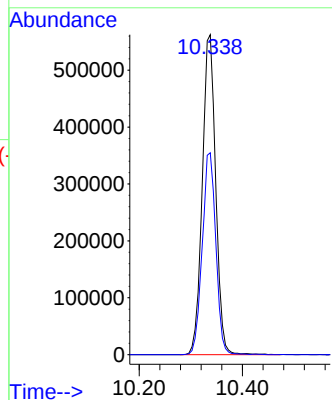
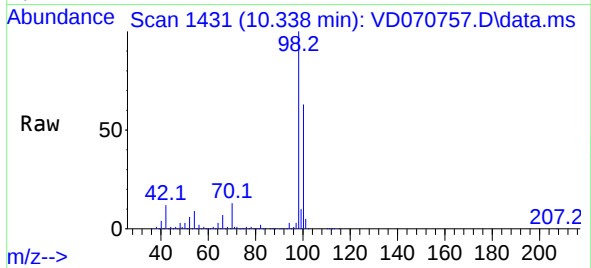




#50
Toluene-d8
Concen: 53.41 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33

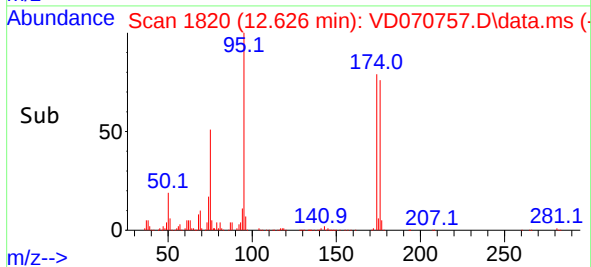
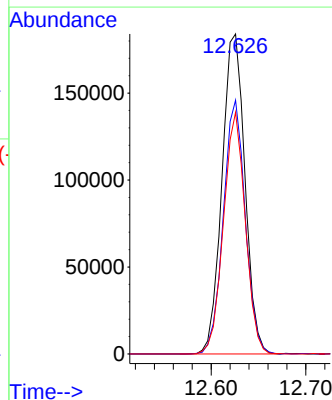
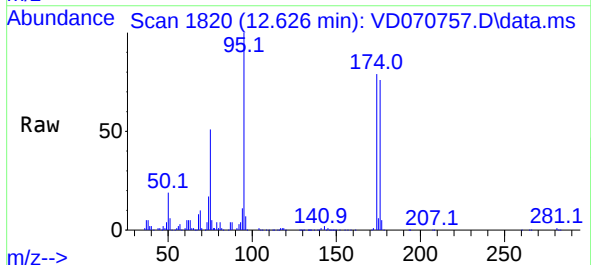
Instrument :
MSVOA_D
ClientSampleId :
MH-CB-(1)

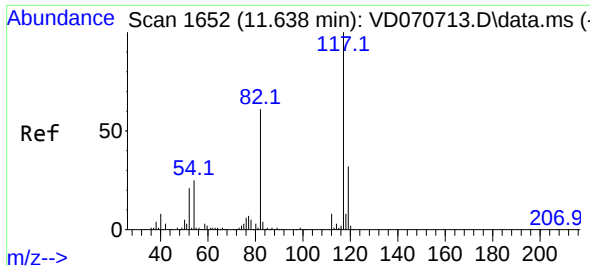
Tgt Ion: 98 Resp: 1011702
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.45 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33

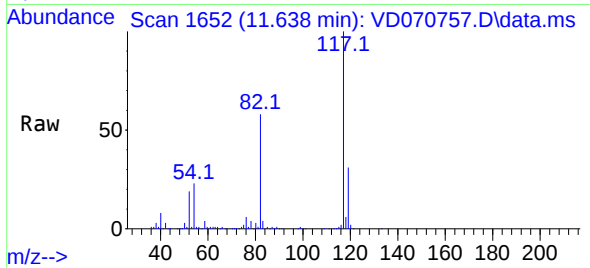
Tgt Ion: 95 Resp: 309520
Ion Ratio Lower Upper
95 100
174 76.0 0.0 138.0
176 71.8 0.0 135.6



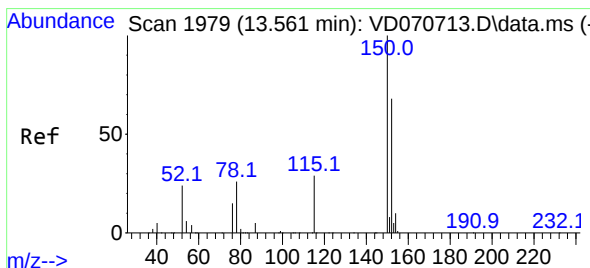
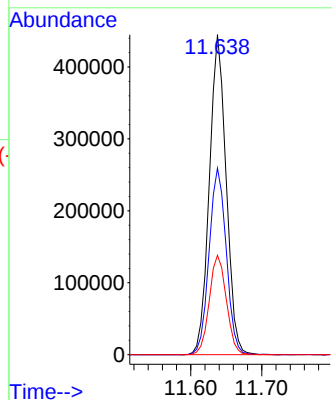
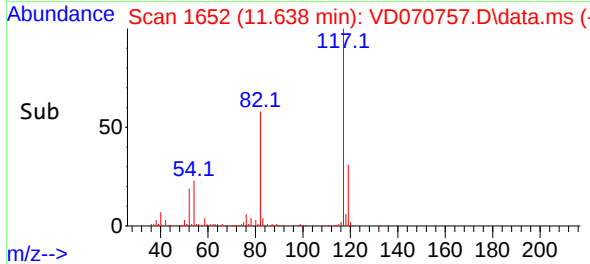


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33

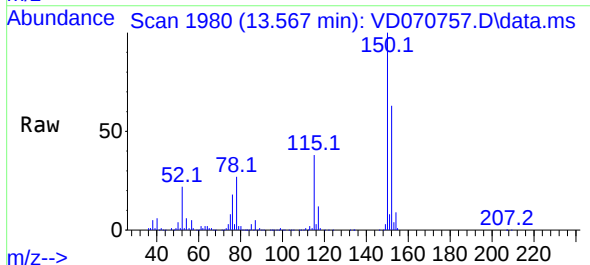
Instrument :
MSVOA_D
ClientSampleId :
MH-CB-(1)



Tgt Ion:117 Resp: 731030
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 31.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070757.D
Acq: 19 Oct 2021 14:33



Tgt Ion:152 Resp: 298874
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 159.2 0.0 350.0

