

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070653.D
 Acq On : 11 Oct 2021 11:55
 Operator : VA/SY
 Sample : VD1011SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1011SBL01

Quant Time: Oct 12 05:38:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	441082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	823927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	764724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	319696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249233	48.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.02%
35) Dibromofluoromethane	7.908	113	263382	48.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.16%
50) Toluene-d8	10.337	98	1030495	49.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.42%
62) 4-Bromofluorobenzene	12.626	95	326321	46.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.24%

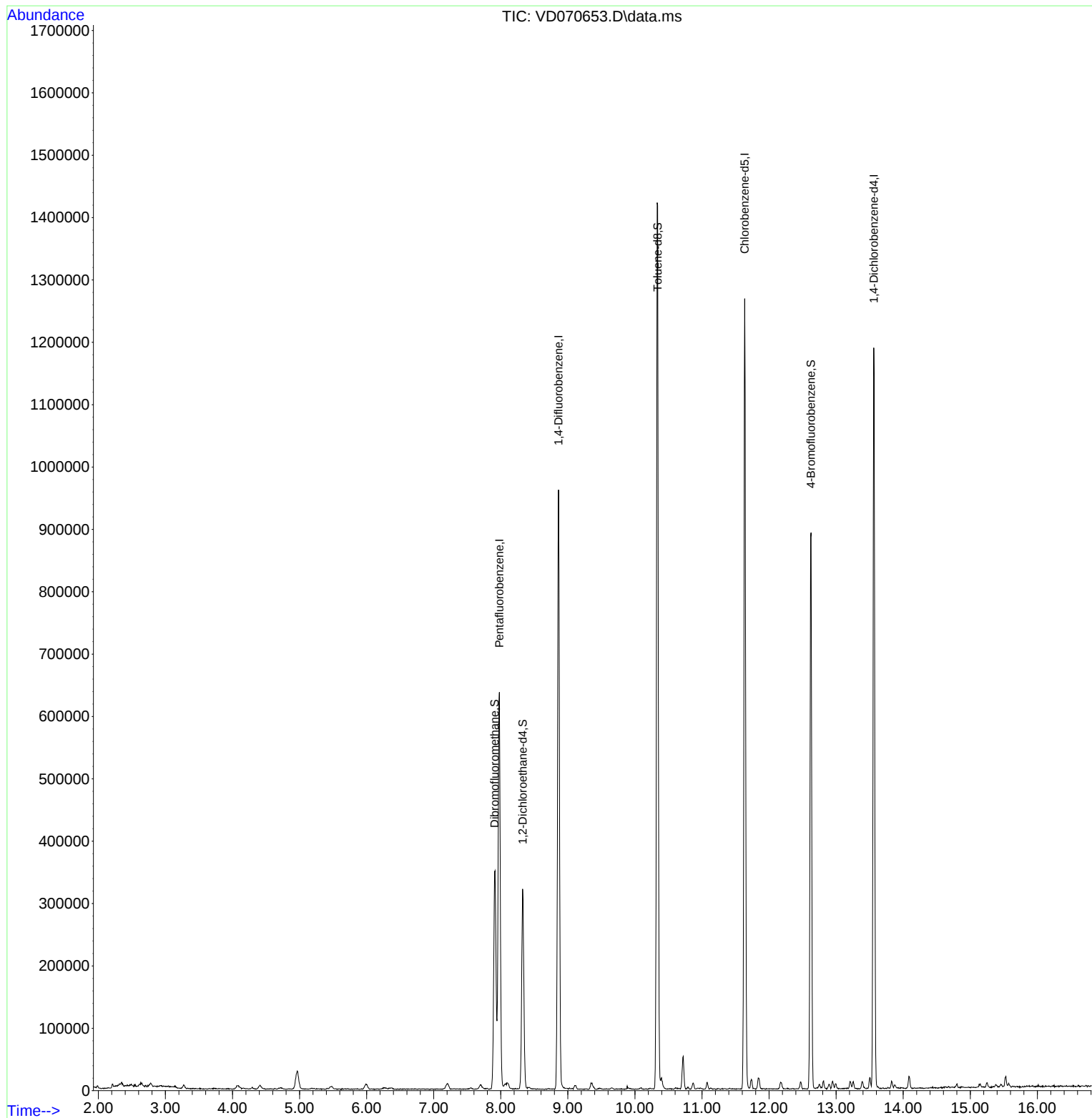
Target Compounds	Qvalue

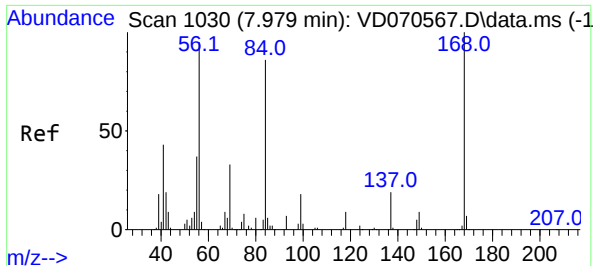
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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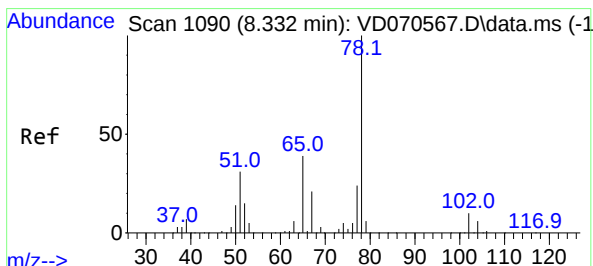
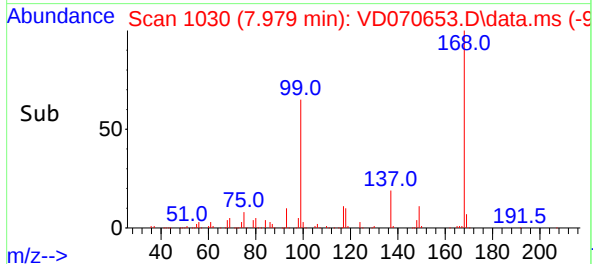
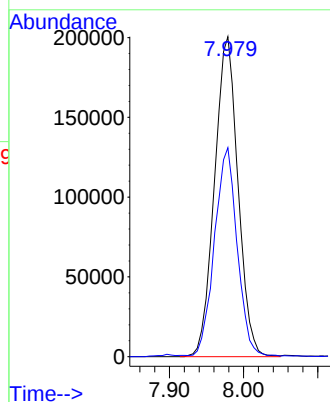
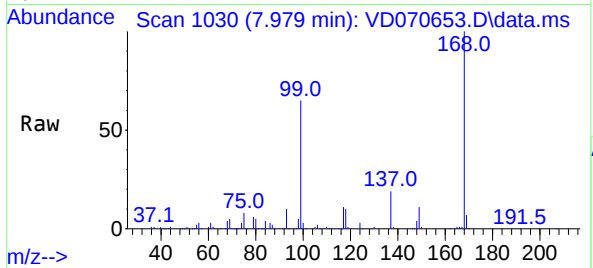




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

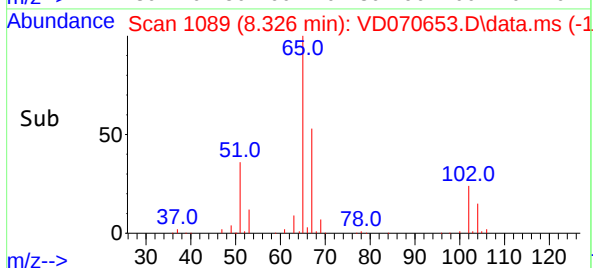
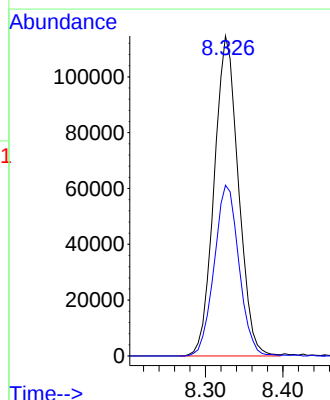
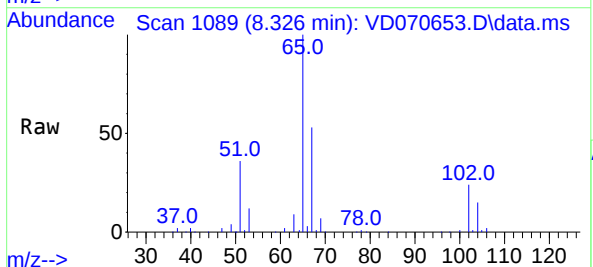
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

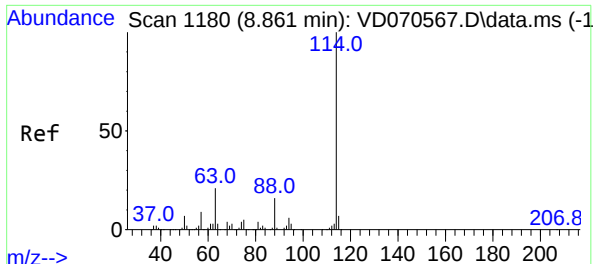
Tgt Ion:168 Resp: 441082
Ion Ratio Lower Upper
168 100
99 65.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 48.01 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion: 65 Resp: 249233
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2

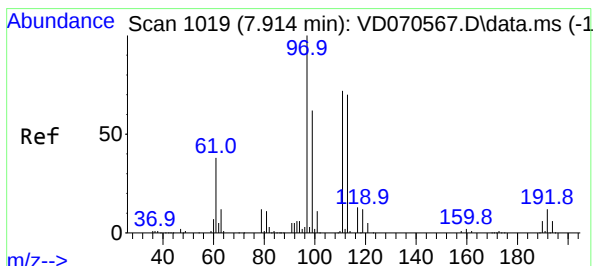
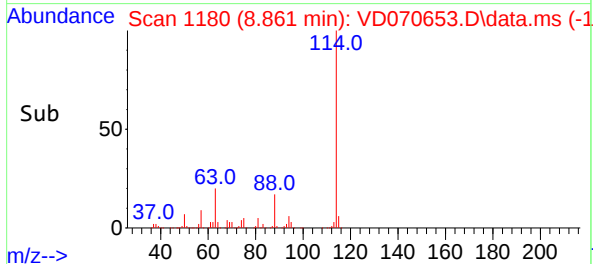
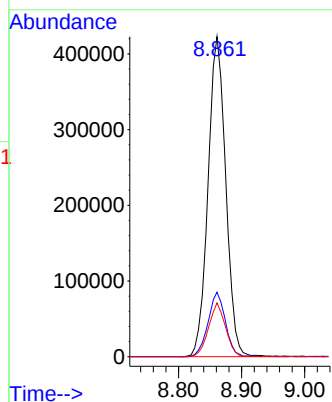
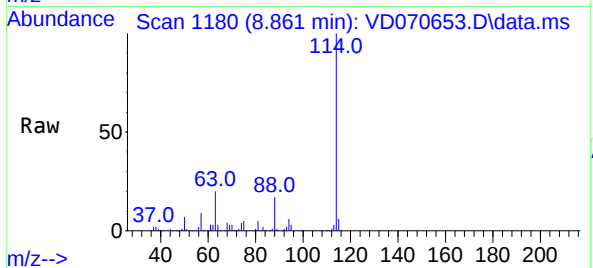




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

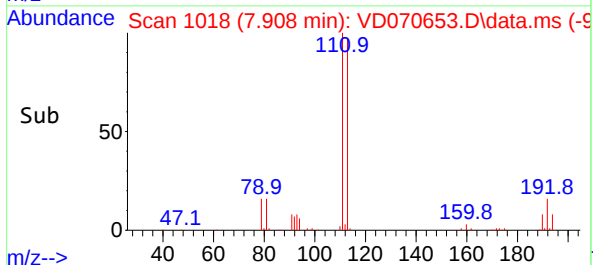
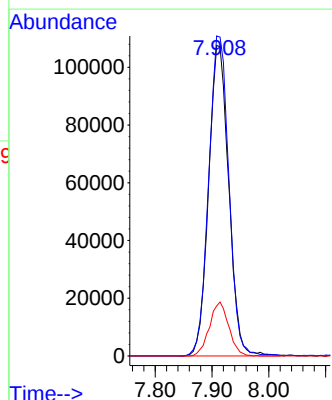
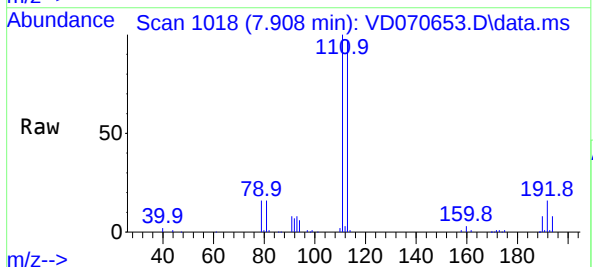
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

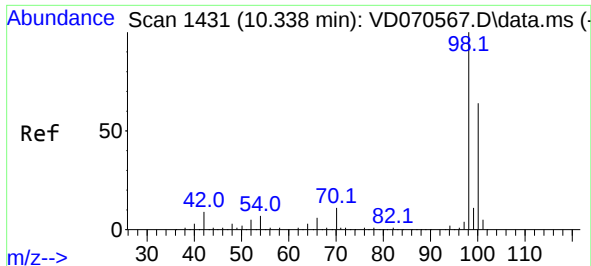
Tgt Ion:114 Resp: 823927
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.08 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion:113 Resp: 263382
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.7 12.7 19.1

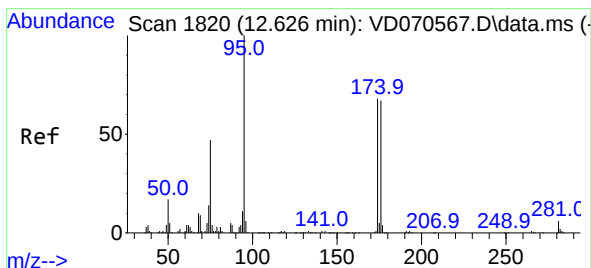
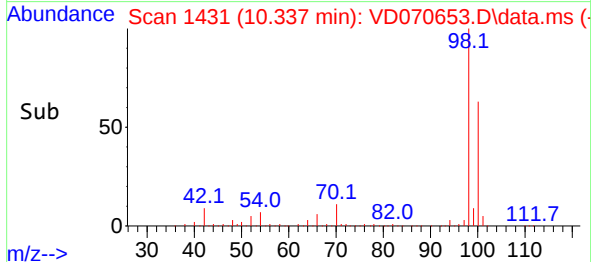
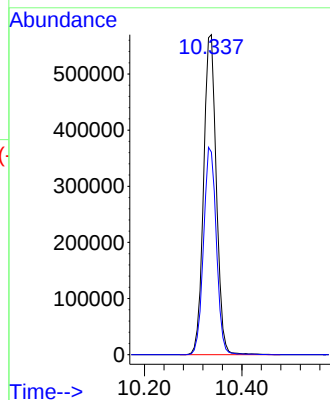
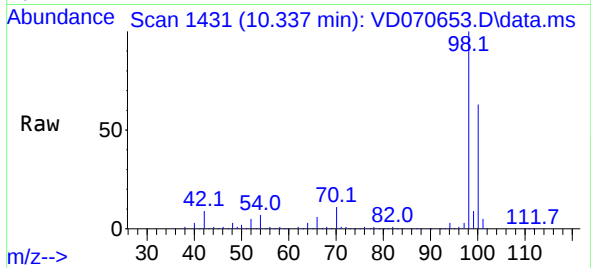




#50
Toluene-d8
Concen: 49.21 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

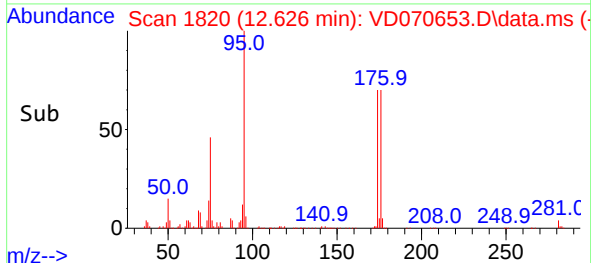
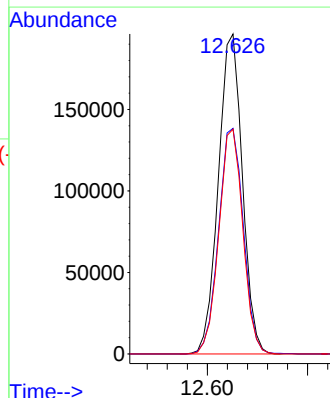
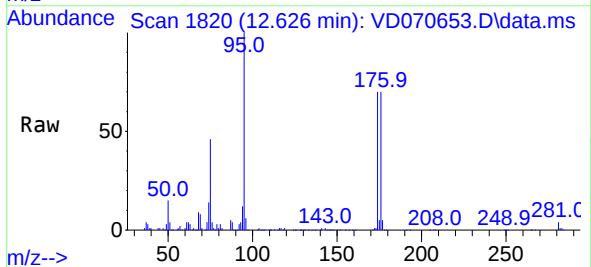
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

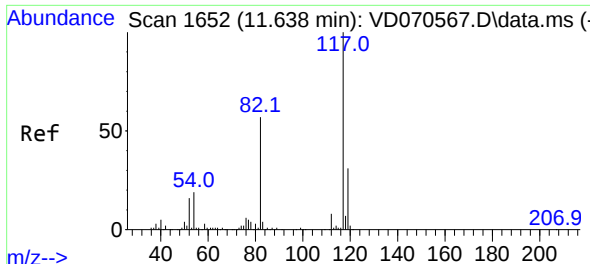
Tgt Ion: 98 Resp: 1030495
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.62 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion: 95 Resp: 326321
Ion Ratio Lower Upper
95 100
174 72.5 0.0 138.0
176 70.1 0.0 135.6

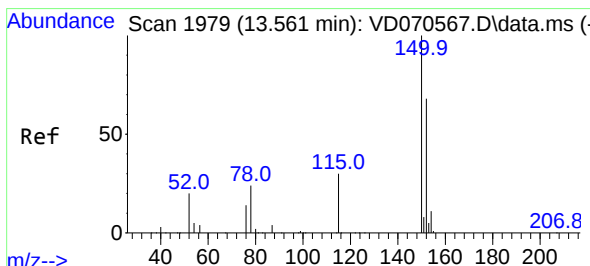
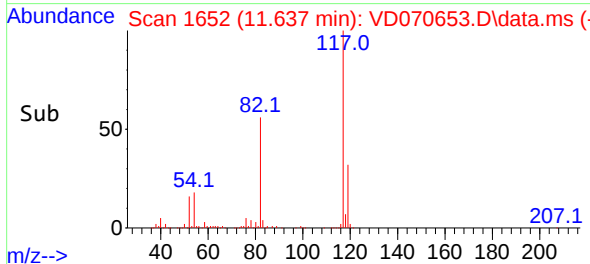
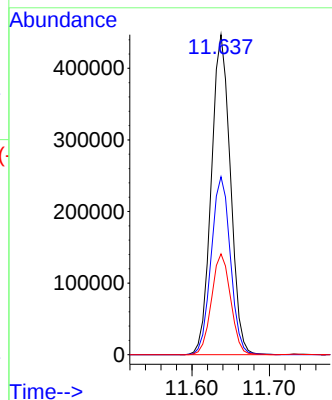
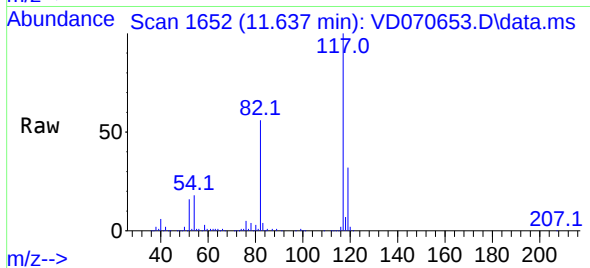




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

Tgt Ion:117 Resp: 764724
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion:152 Resp: 319696
Ion Ratio Lower Upper
152 100
115 63.5 31.9 95.7
150 159.2 0.0 350.0

