

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070657.D
 Acq On : 11 Oct 2021 13:47
 Operator : VA/SY
 Sample : M4136-03
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124027

Quant Time: Oct 12 05:40:10 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	380899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	729244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	665086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	263520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205243	45.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.58%
35) Dibromofluoromethane	7.914	113	226075	46.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.26%
50) Toluene-d8	10.338	98	924842	49.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.80%
62) 4-Bromofluorobenzene	12.626	95	283554	45.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.54%

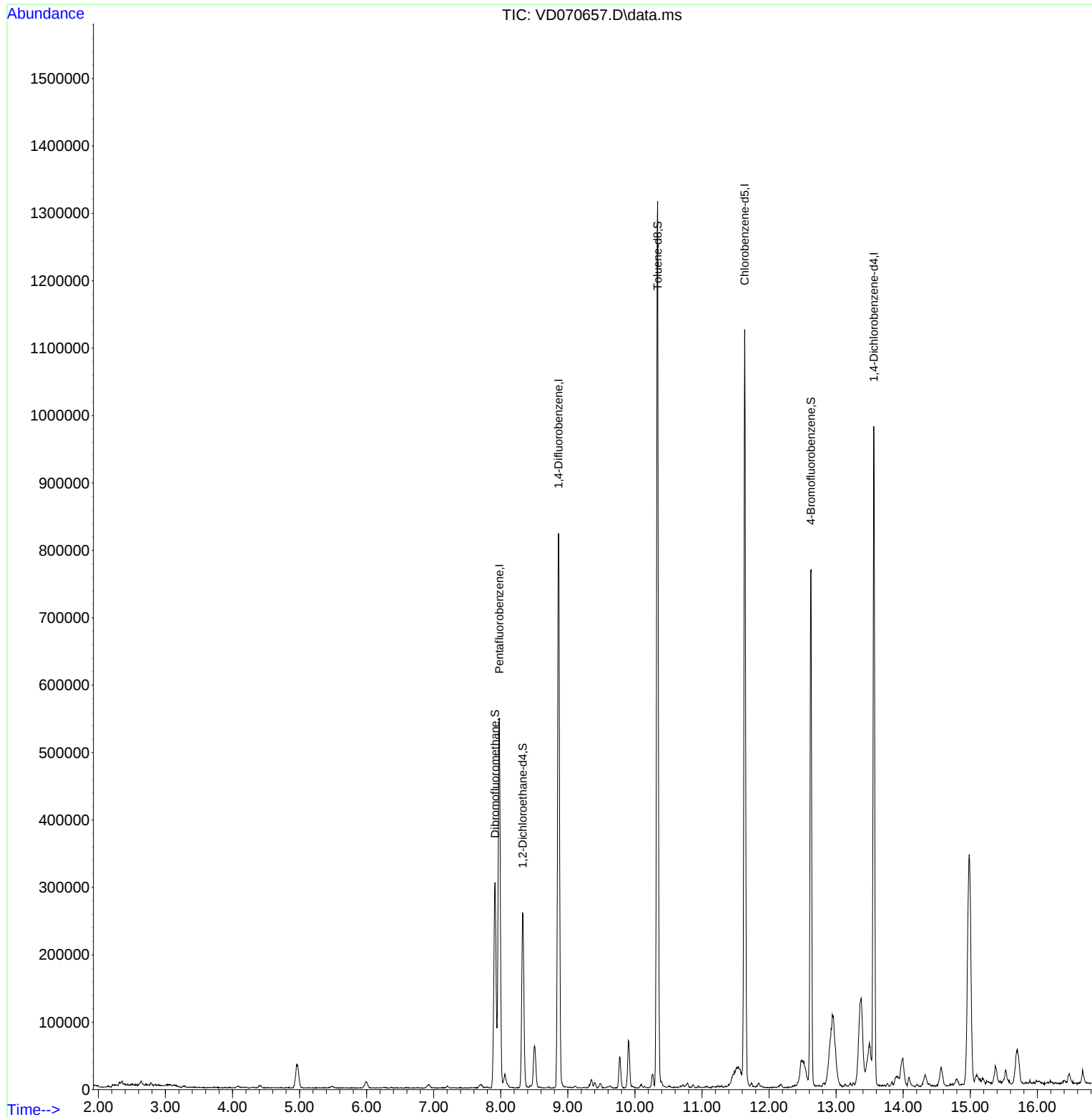
Target Compounds	Qvalue

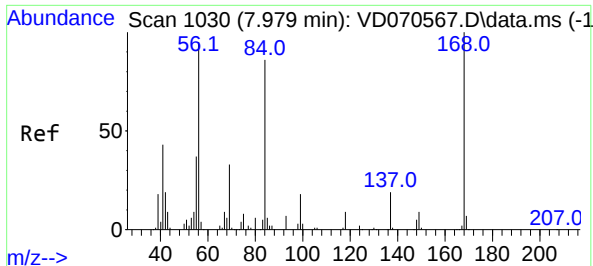
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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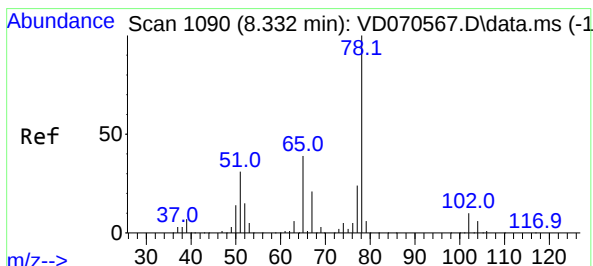
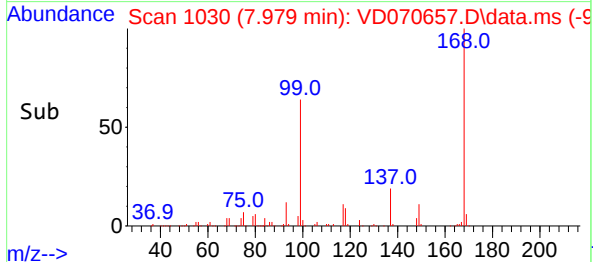
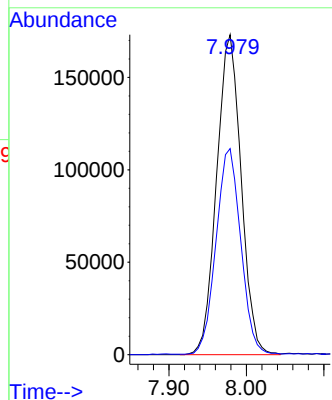
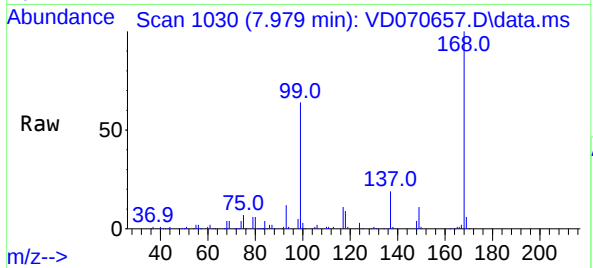




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070657.D
Acq: 11 Oct 2021 13:47

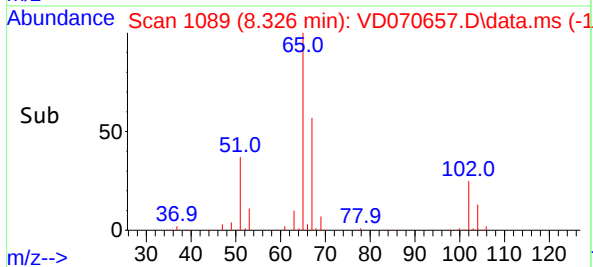
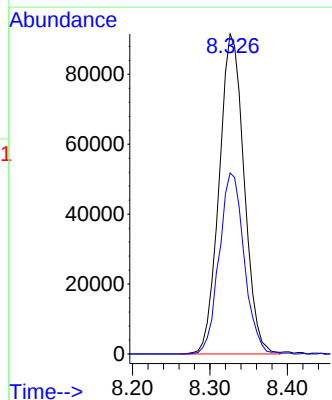
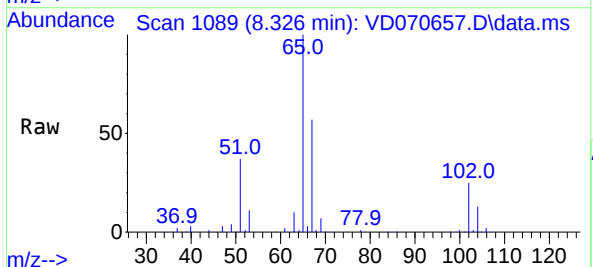
Instrument :
MSVOA_D
ClientSampleId :
PSC124027

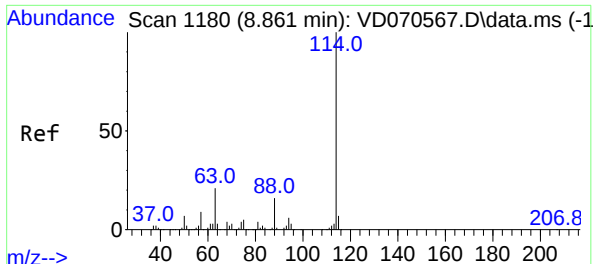
Tgt Ion:168 Resp: 380899
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 45.79 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070657.D
Acq: 11 Oct 2021 13:47

Tgt Ion: 65 Resp: 205243
Ion Ratio Lower Upper
65 100
67 56.6 0.0 110.2



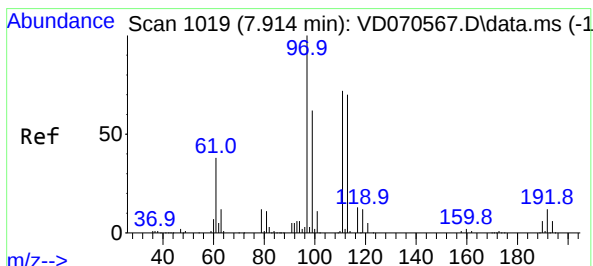
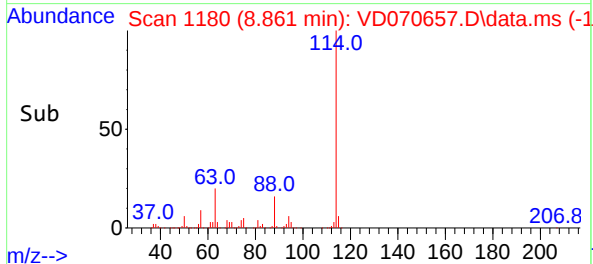
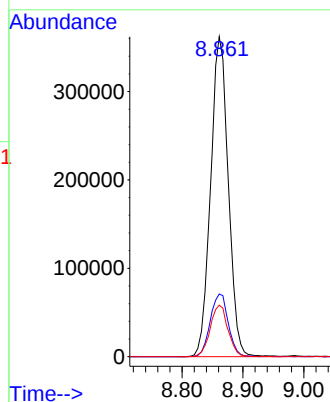
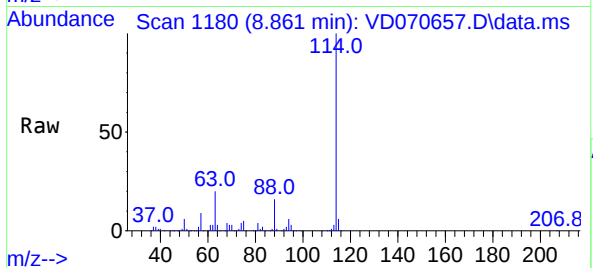


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070657.D
Acq: 11 Oct 2021 13:47

Instrument :
MSVOA_D
ClientSampleId :
PSC124027

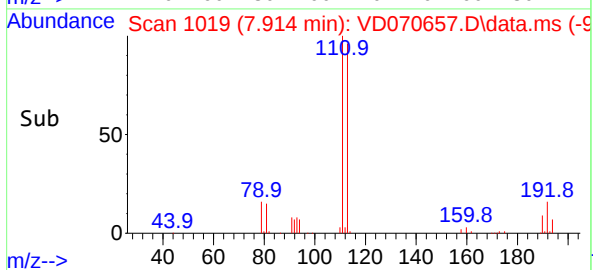
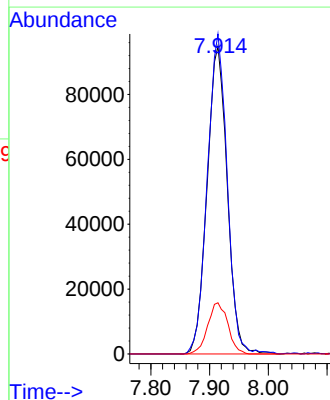
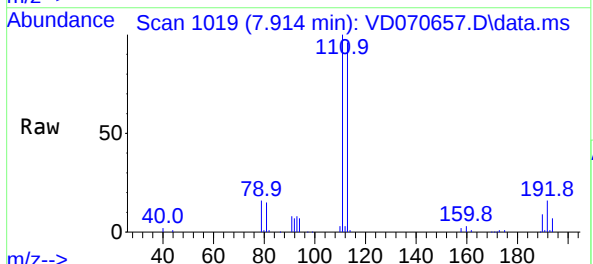
Tgt Ion:114 Resp: 729244
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 16.1 0.0 32.6

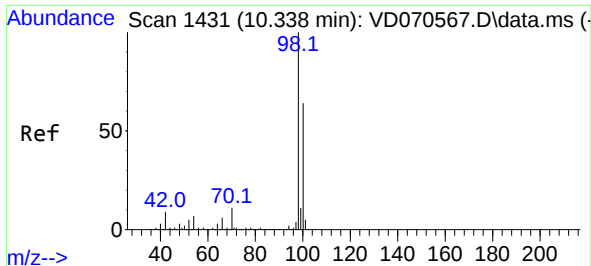


#35

Dibromofluoromethane
Concen: 46.63 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070657.D
Acq: 11 Oct 2021 13:47

Tgt Ion:113 Resp: 226075
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.6 12.7 19.1

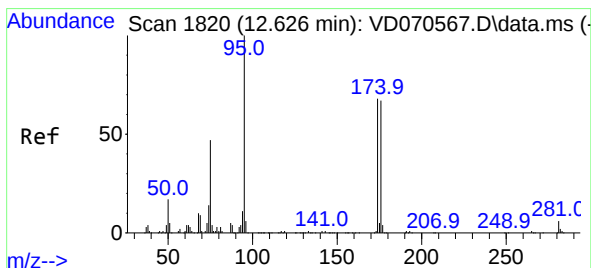
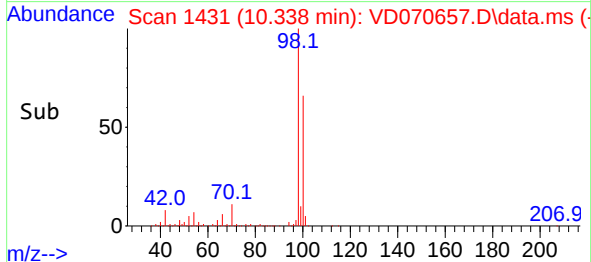
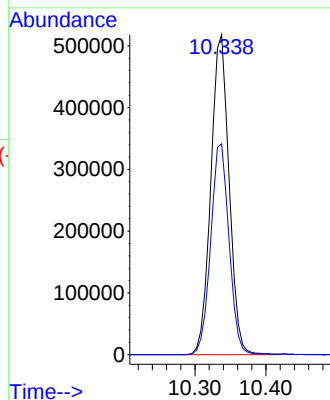
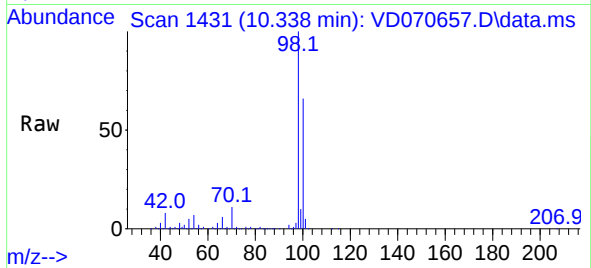




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070657.D
Acq: 11 Oct 2021 13:47

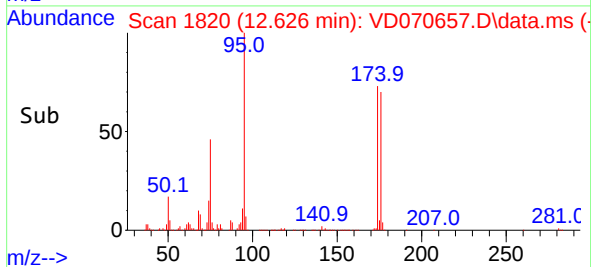
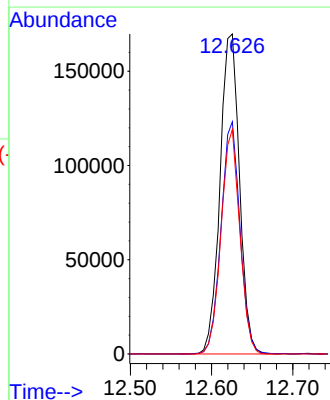
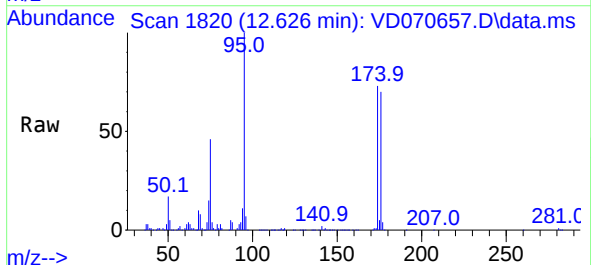
Instrument :
MSVOA_D
ClientSampleId :
PSC124027

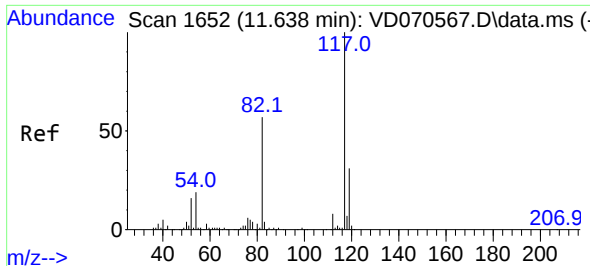
Tgt Ion: 98 Resp: 924842
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.77 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070657.D
Acq: 11 Oct 2021 13:47

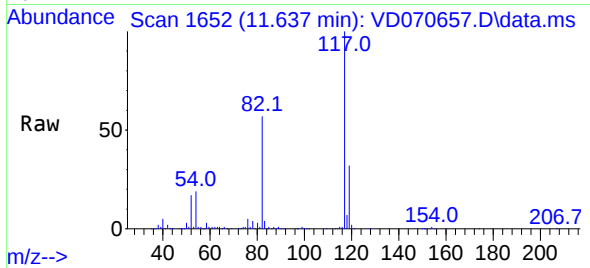
Tgt Ion: 95 Resp: 283554
Ion Ratio Lower Upper
95 100
174 70.8 0.0 138.0
176 67.3 0.0 135.6



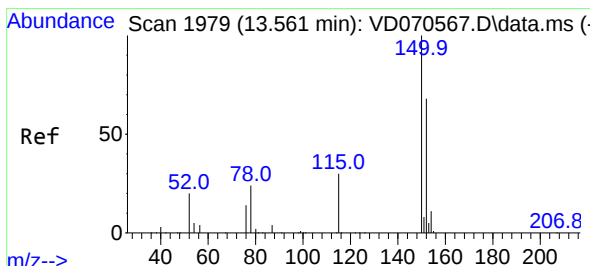
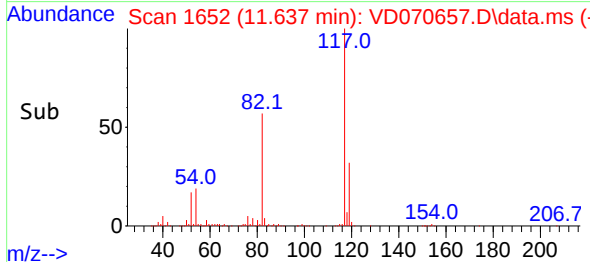
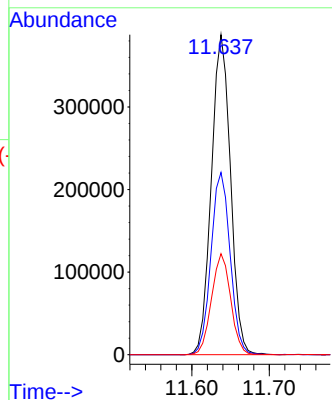


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070657.D
Acq: 11 Oct 2021 13:47

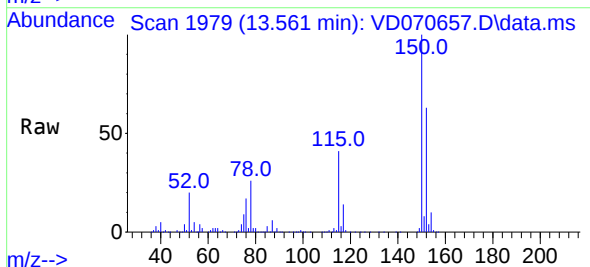
Instrument :
MSVOA_D
ClientSampleId :
PSC124027



Tgt Ion:117 Resp: 665086
Ion Ratio Lower Upper
117 100
82 56.9 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: VD070657.D
Acq: 11 Oct 2021 13:47



Tgt Ion:152 Resp: 263520
Ion Ratio Lower Upper
152 100
115 63.5 31.9 95.7
150 155.8 0.0 350.0

