

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070380.D
 Acq On : 20 Sep 2021 13:23
 Operator : VA/SY
 Sample : M3803-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 212

Quant Time: Sep 21 03:33:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	319649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	630303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	784355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	358506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193120	47.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.100%
35) Dibromofluoromethane	7.909	113	215004	47.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.338	98	852610	52.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.626	95	373380	65.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.180%

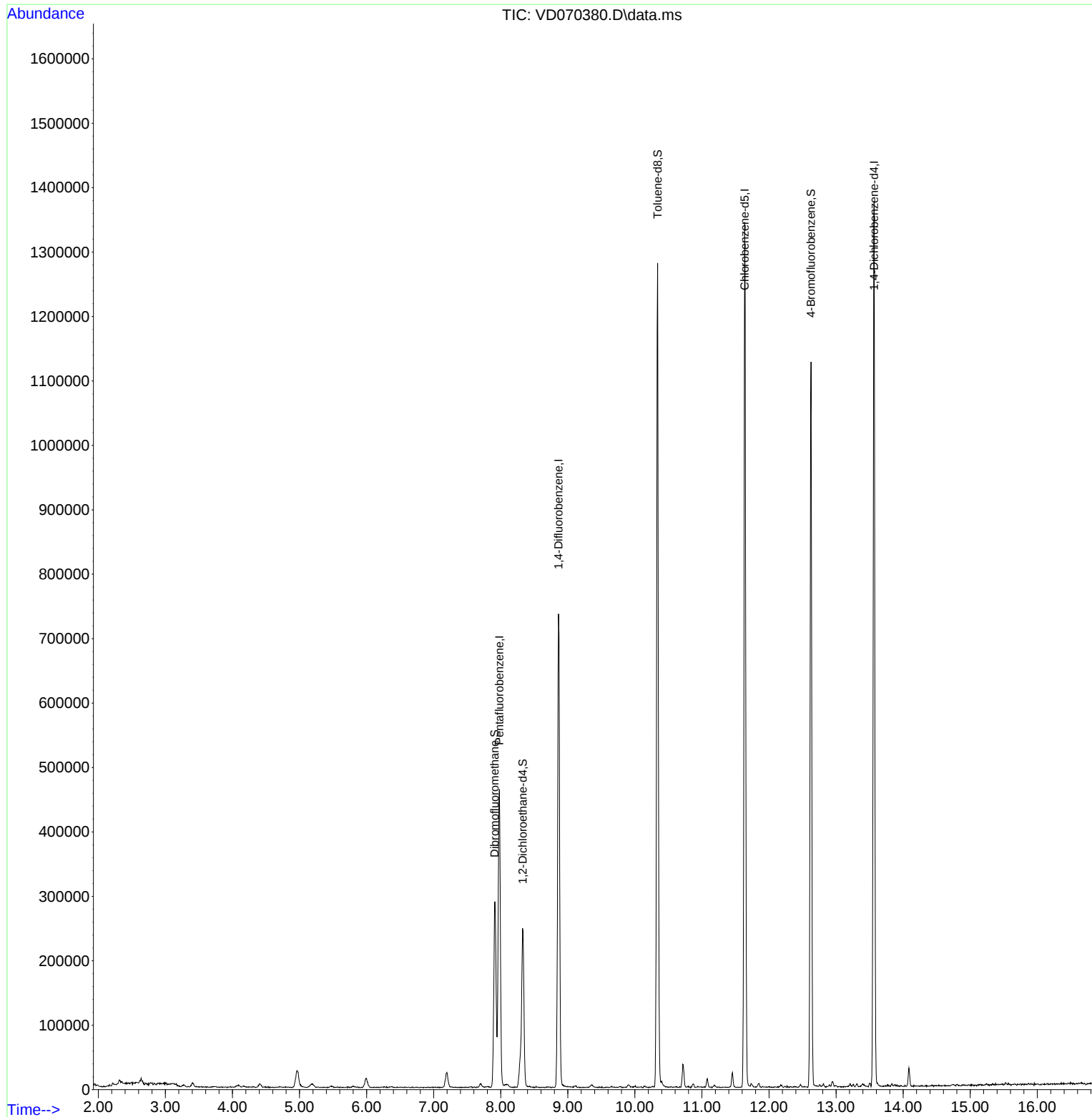
Target Compounds	Qvalue

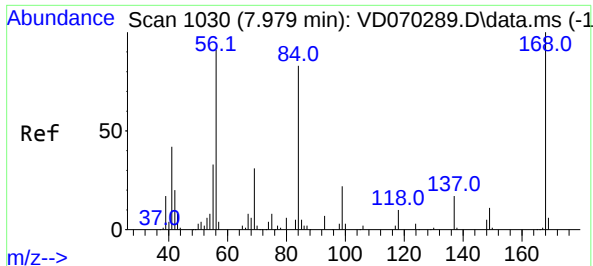
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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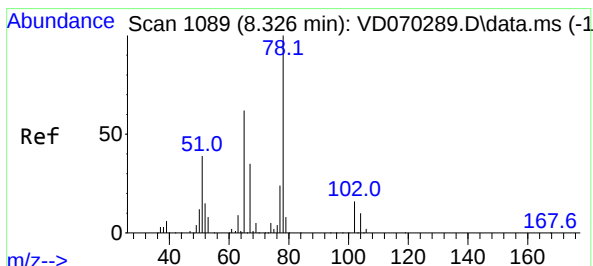
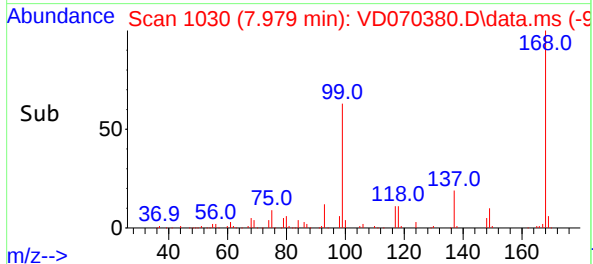
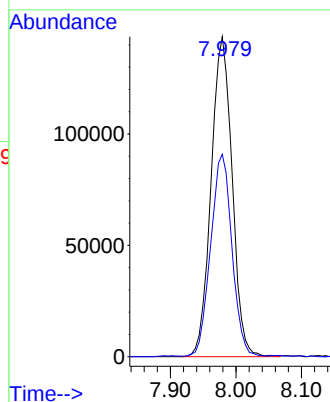
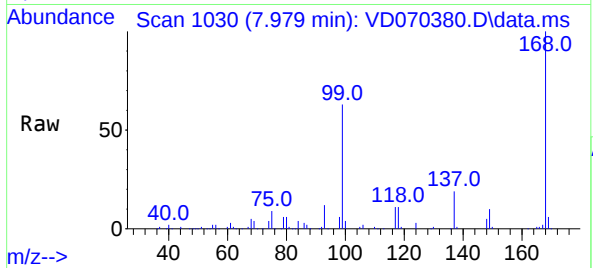




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

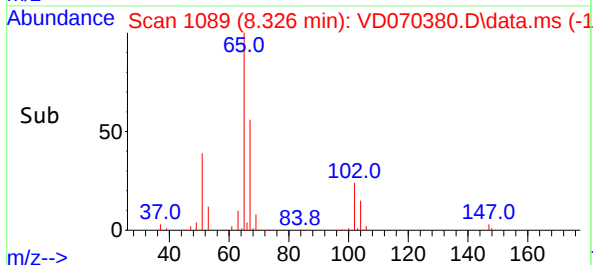
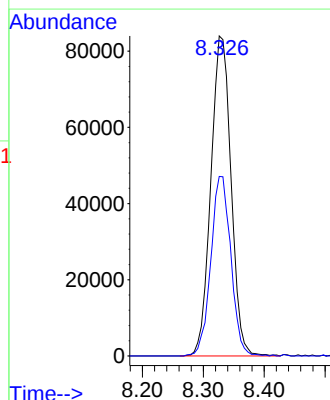
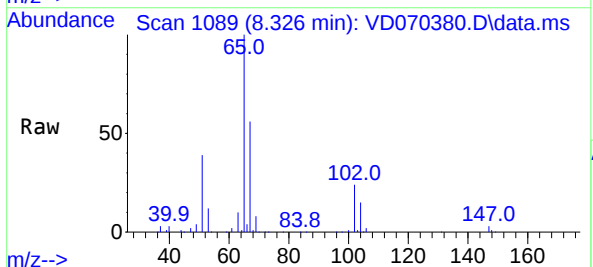
Instrument :
MSVOA_D
ClientSampleId :
212

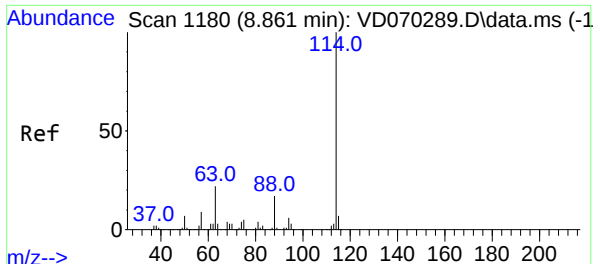
Tgt Ion:168 Resp: 319649
Ion Ratio Lower Upper
168 100
99 63.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.052 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion: 65 Resp: 193120
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.4



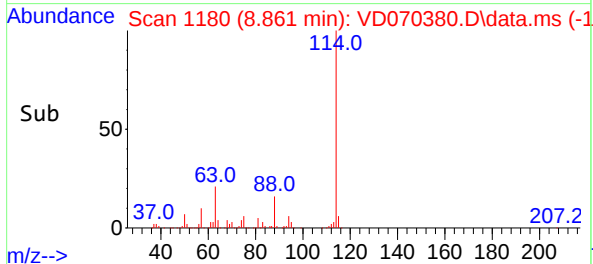
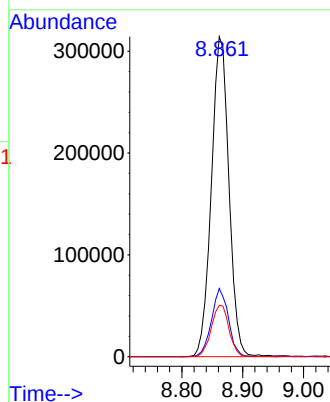
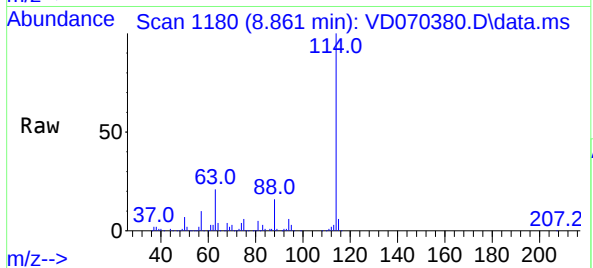


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Instrument :
MSVOA_D
ClientSampled :
212

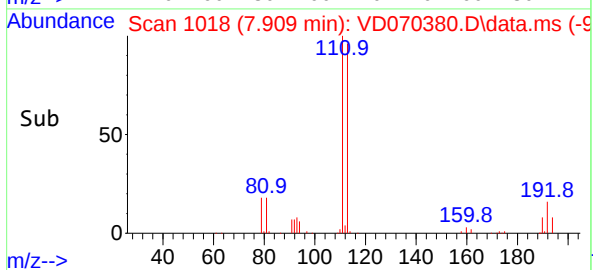
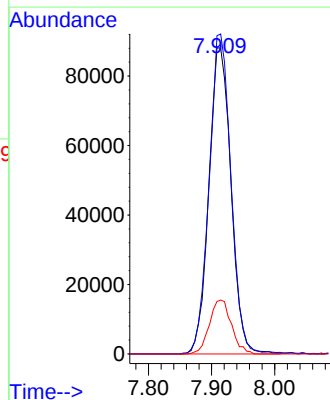
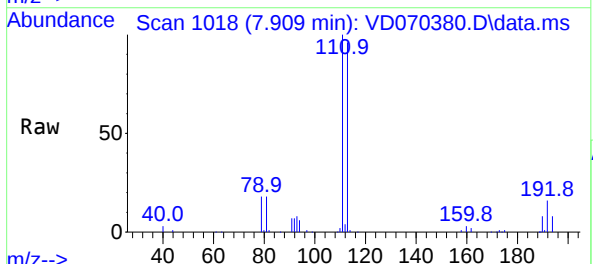
Tgt Ion:114 Resp: 630303
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.4
88 16.0 0.0 33.4

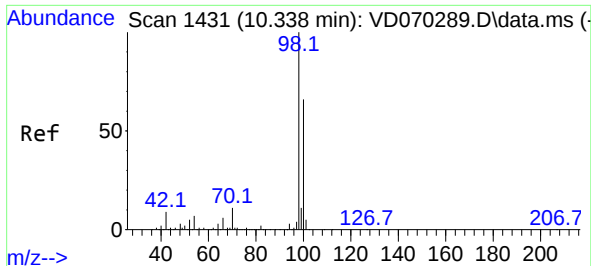


#35

Dibromofluoromethane
Concen: 47.922 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion:113 Resp: 215004
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 17.5 13.0 19.6

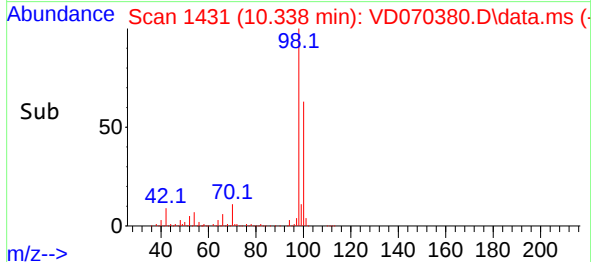
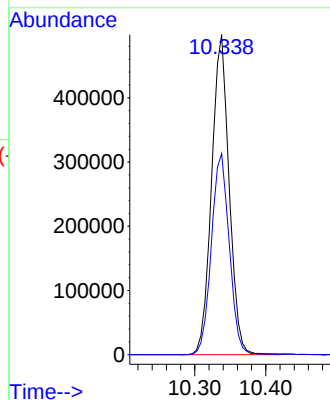
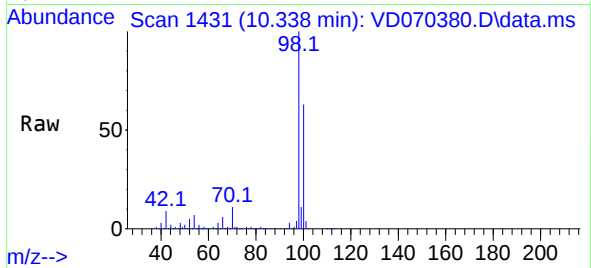




#50
Toluene-d8
Concen: 52.340 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

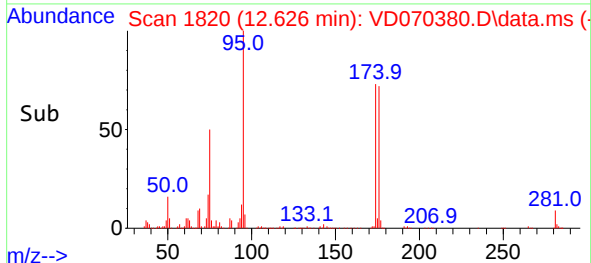
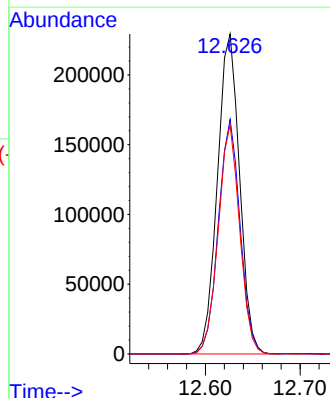
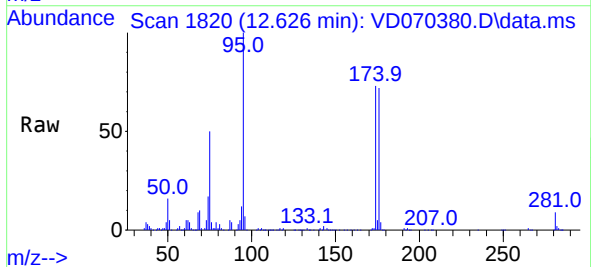
Instrument :
MSVOA_D
ClientSampled :
212

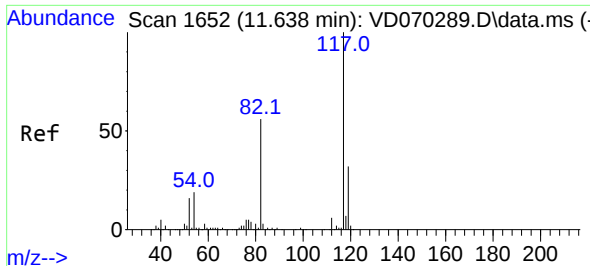
Tgt Ion: 98 Resp: 852610
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 65.585 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion: 95 Resp: 373380
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.6
176 69.0 0.0 137.4

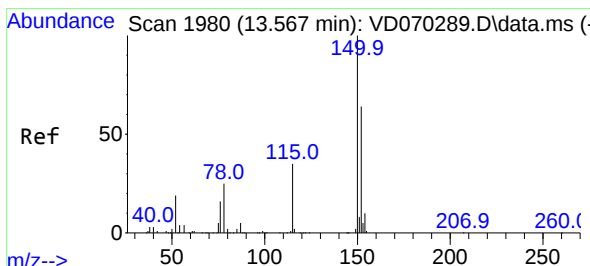
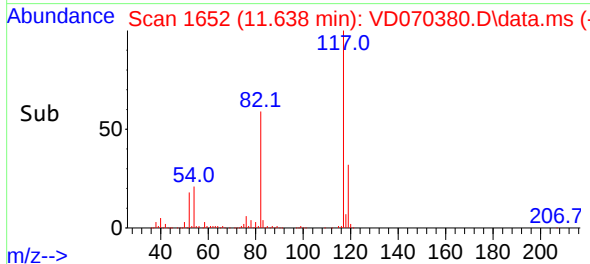
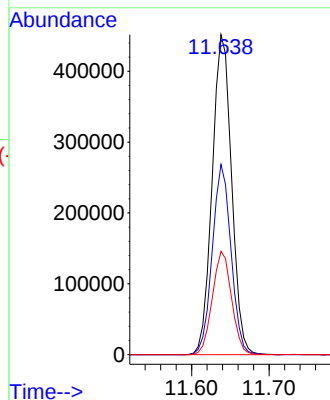
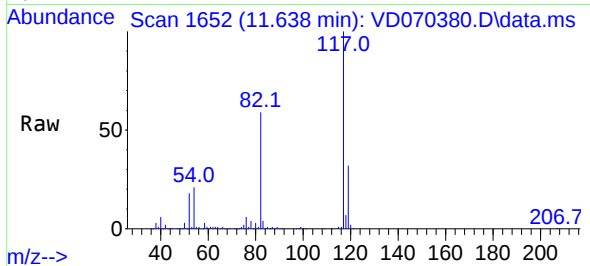




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Instrument :
MSVOA_D
ClientSampled :
212

Tgt Ion:117 Resp: 784355
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion:152 Resp: 358506
Ion Ratio Lower Upper
152 100
115 63.4 32.1 96.3
150 159.3 0.0 350.6

