

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070759.D
 Acq On : 19 Oct 2021 15:30
 Operator : VA/SY
 Sample : M4269-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4197

Quant Time: Oct 20 04:41:06 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	7.979	168	431670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	824877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	863911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	370289	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282670	55.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.58%
35) Dibromofluoromethane	7.914	113	264983	50.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.34%
50) Toluene-d8	10.332	98	1131313	55.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.76%
62) 4-Bromofluorobenzene	12.620	95	421005	60.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.78%

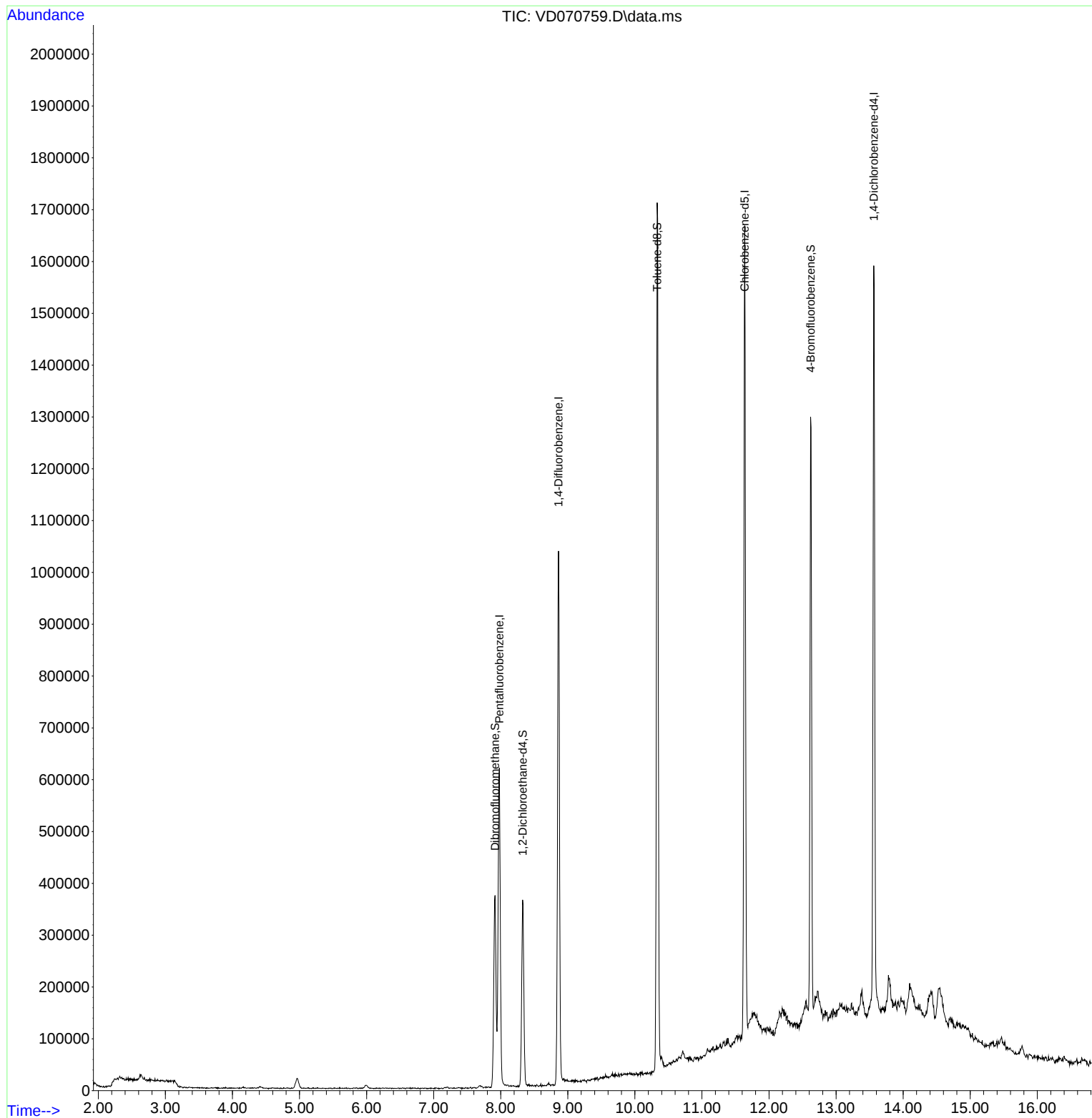
Target Compounds	Qvalue

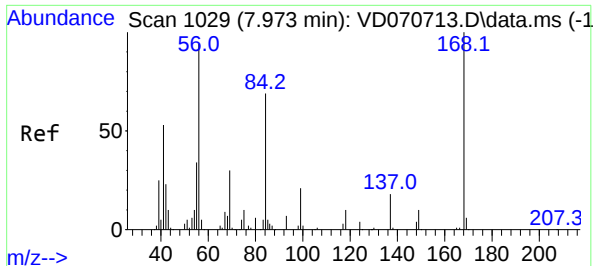
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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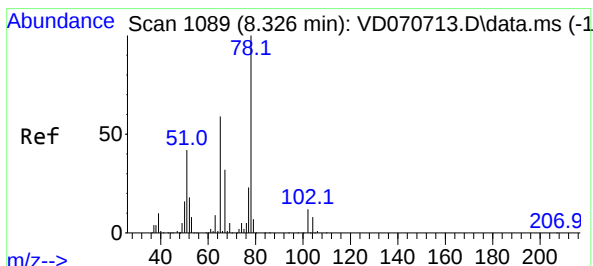
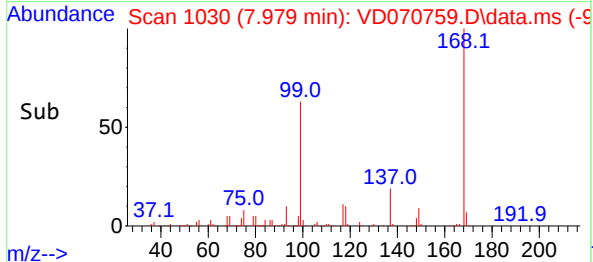
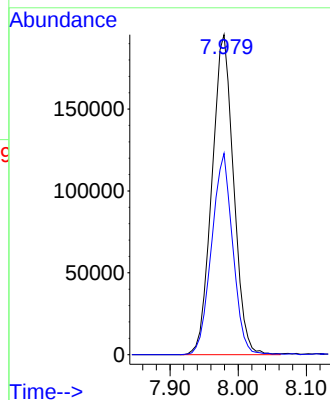
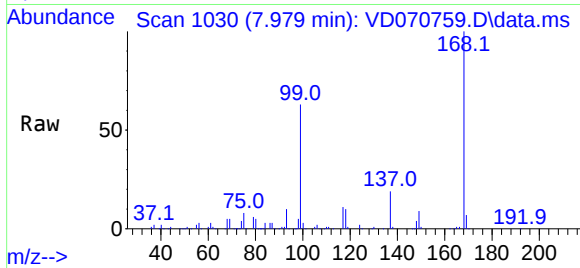




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070759.D
Acq: 19 Oct 2021 15:30

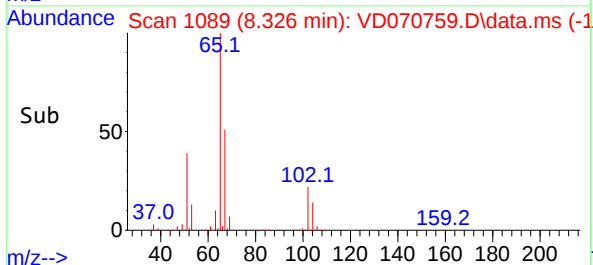
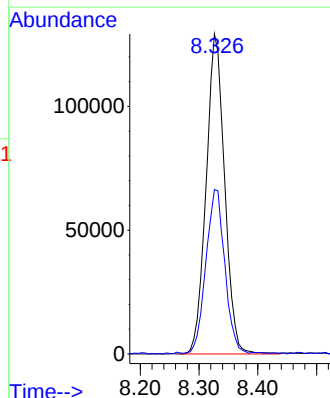
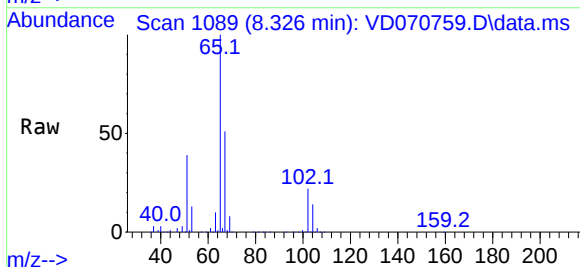
Instrument :
MSVOA_D
ClientSampleId :
RT-4197

Tgt Ion:168 Resp: 431670
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.29 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070759.D
Acq: 19 Oct 2021 15:30

Tgt Ion: 65 Resp: 282670
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.2

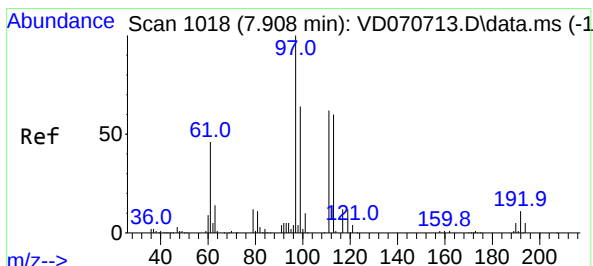
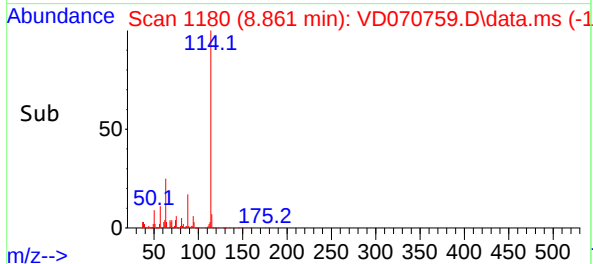
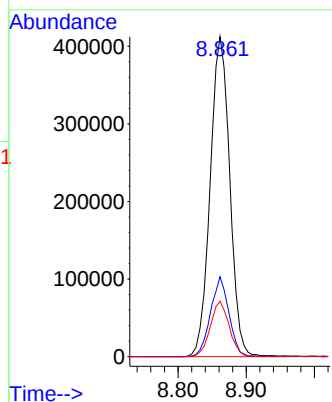
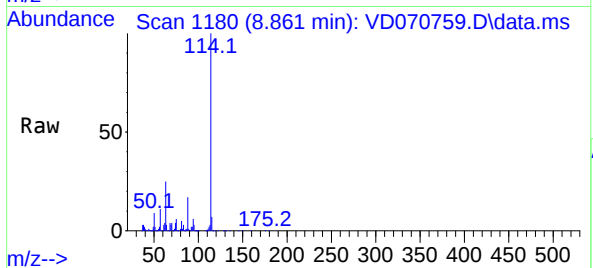




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070759.D
Acq: 19 Oct 2021 15:30

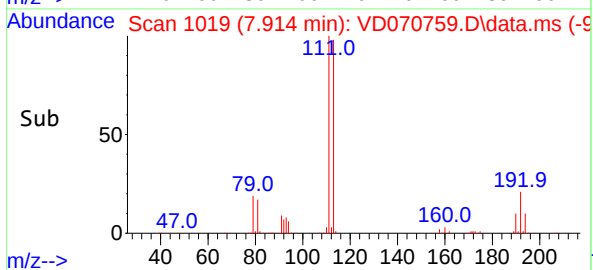
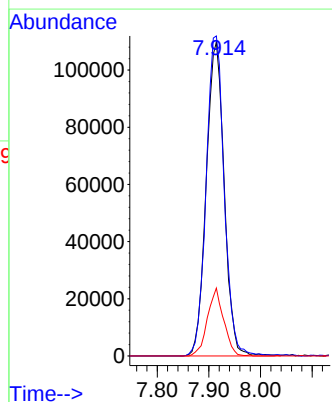
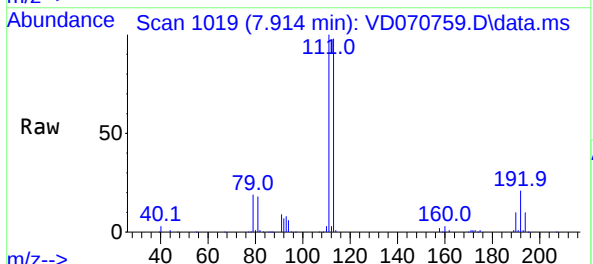
Instrument :
MSVOA_D
ClientSampleId :
RT-4197

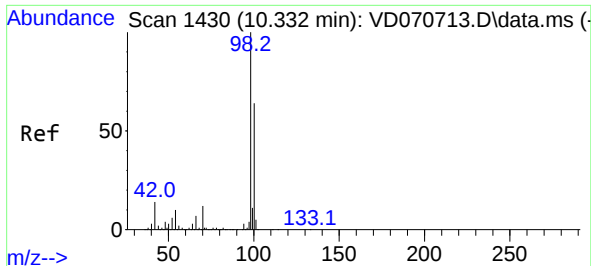
Tgt Ion:114 Resp: 824877
Ion Ratio Lower Upper
114 100
63 25.0 0.0 41.8
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070759.D
Acq: 19 Oct 2021 15:30

Tgt Ion:113 Resp: 264983
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 19.6 12.7 19.1#

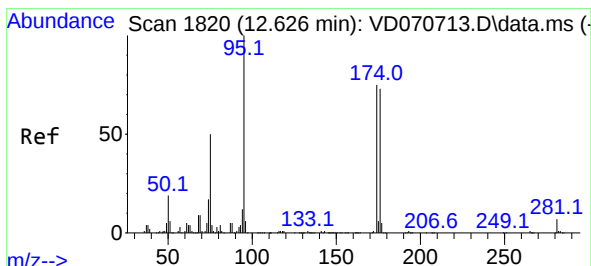
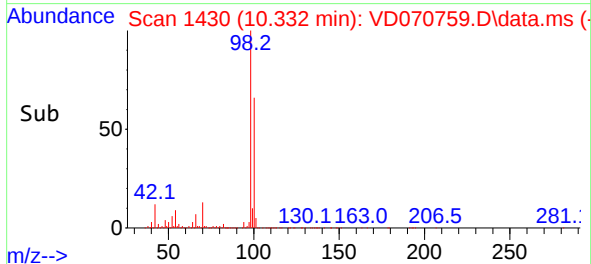
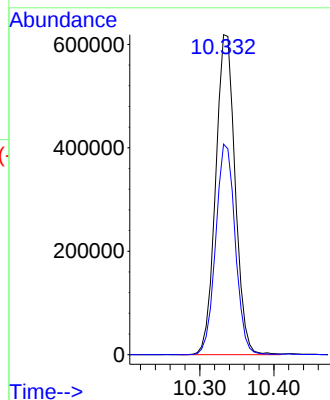
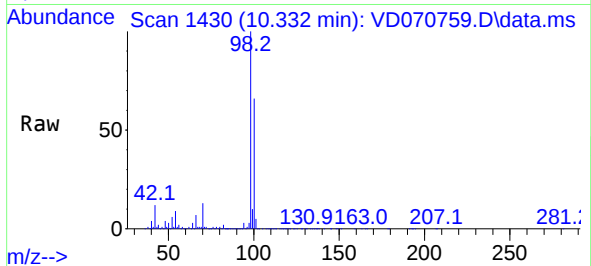




#50
Toluene-d8
Concen: 55.88 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070759.D
Acq: 19 Oct 2021 15:30

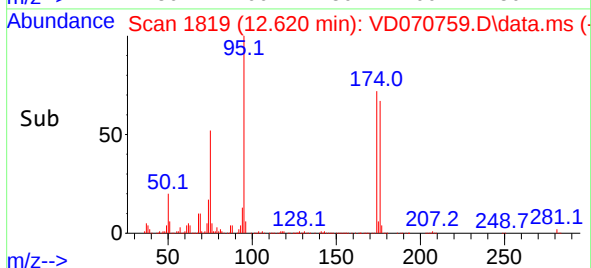
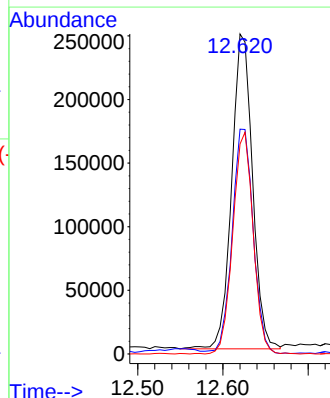
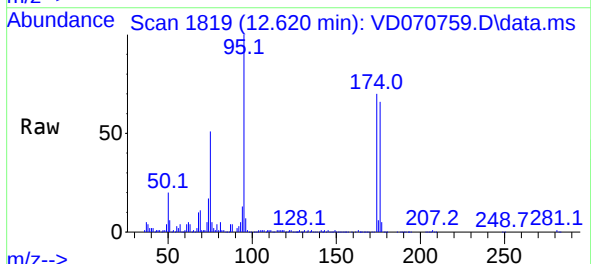
Instrument :
MSVOA_D
ClientSampleId :
RT-4197

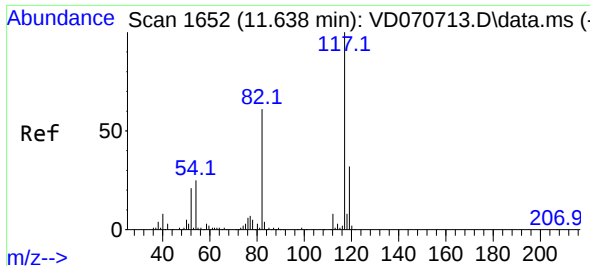
Tgt Ion: 98 Resp: 1131313
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 60.39 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070759.D
Acq: 19 Oct 2021 15:30

Tgt Ion: 95 Resp: 421005
Ion Ratio Lower Upper
95 100
174 72.0 0.0 138.0
176 68.8 0.0 135.6

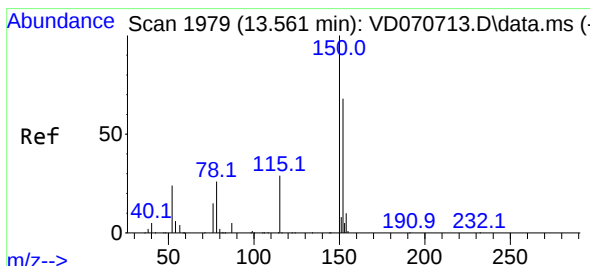
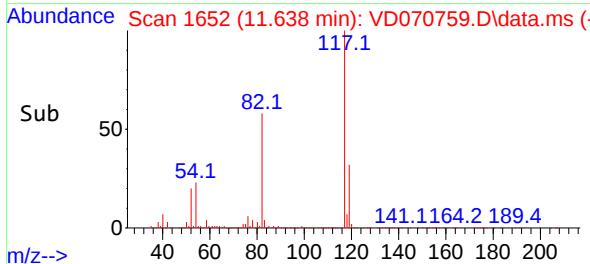
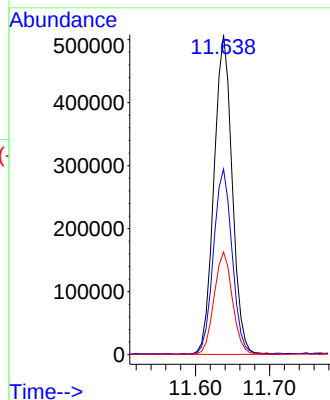
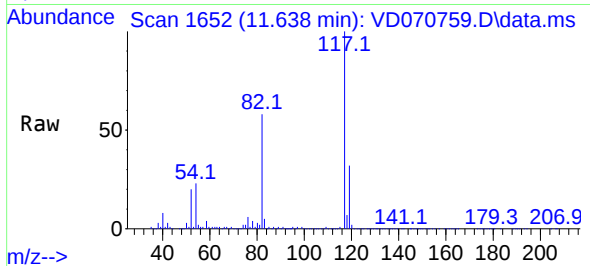




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070759.D
Acq: 19 Oct 2021 15:30

Instrument :
MSVOA_D
ClientSampleId :
RT-4197

Tgt Ion:117 Resp: 863911
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.2
119 31.9 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: VD070759.D
Acq: 19 Oct 2021 15:30

Tgt Ion:152 Resp: 370289
Ion Ratio Lower Upper
152 100
115 65.4 31.9 95.7
150 158.0 0.0 350.0

