

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070322.D
 Acq On : 13 Sep 2021 13:07
 Operator : VA/SY
 Sample : M3691-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-090921RE

Quant Time: Sep 14 00:52:25 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	138424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	303327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	356576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	156210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134156	75.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.960%
35) Dibromofluoromethane	7.914	113	132585	61.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.820%
50) Toluene-d8	10.338	98	415124	52.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.900%
62) 4-Bromofluorobenzene	12.626	95	155645	56.811	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.620%

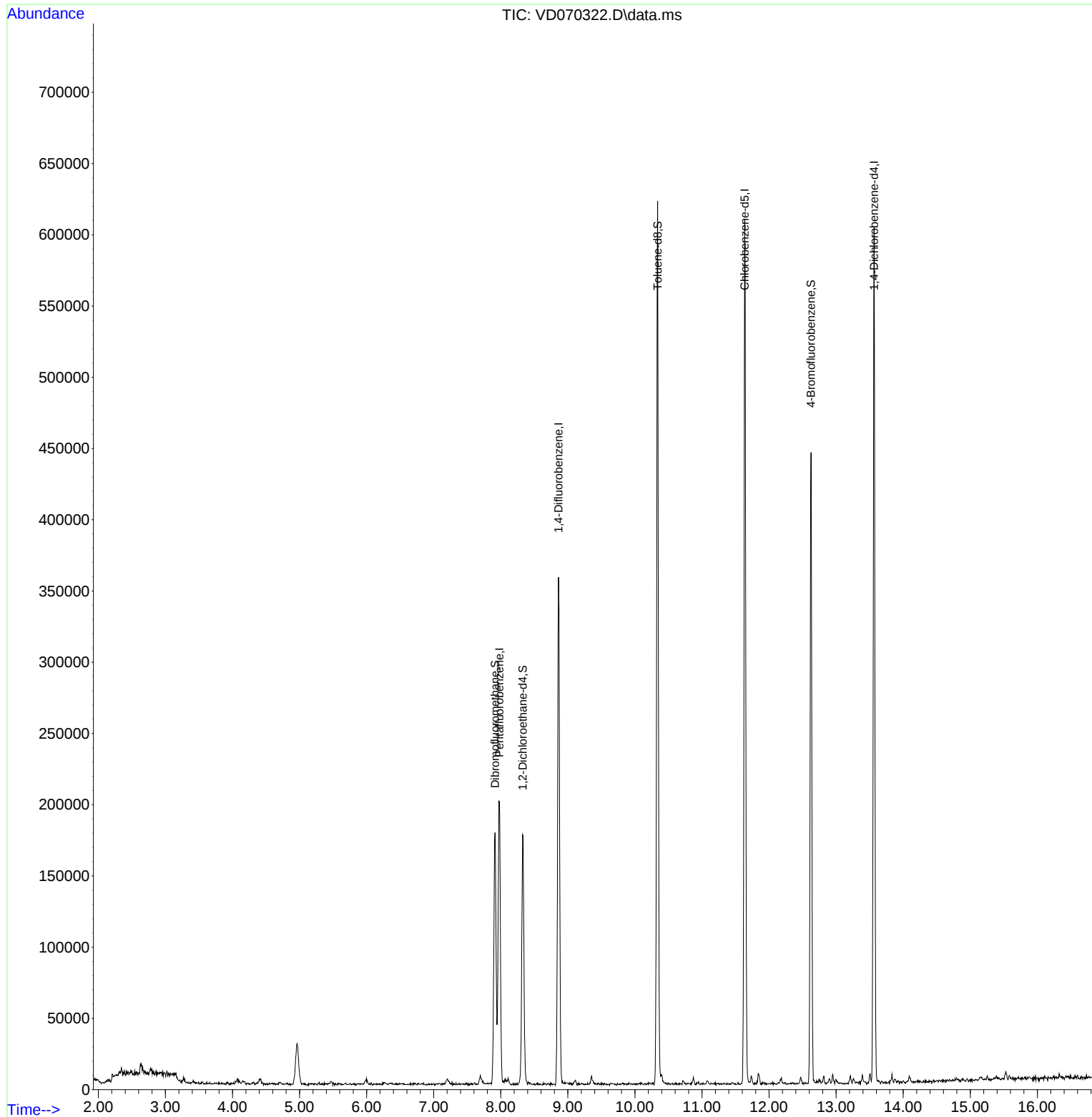
Target Compounds	Qvalue

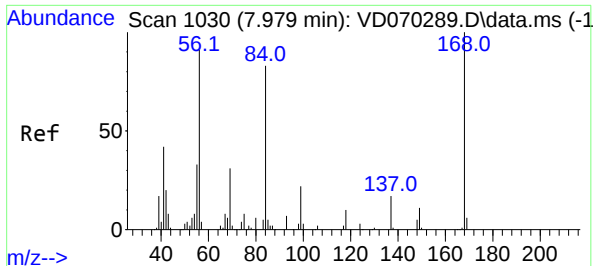
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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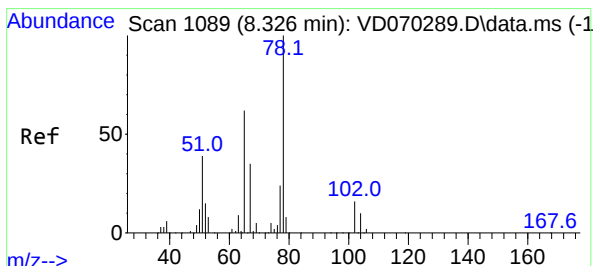
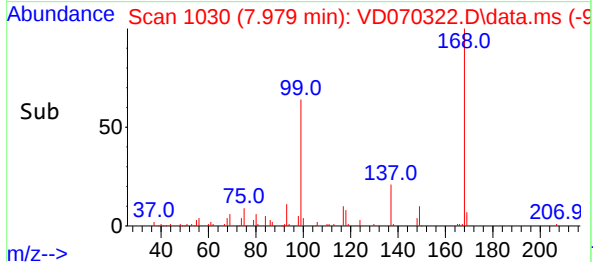
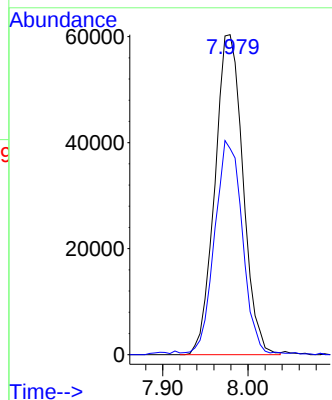
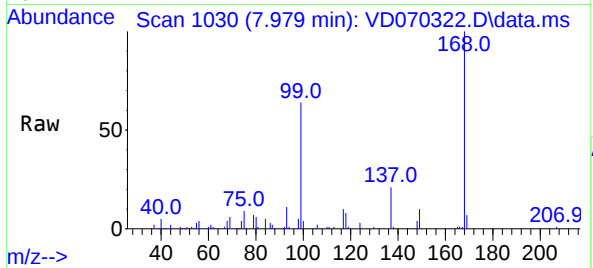




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

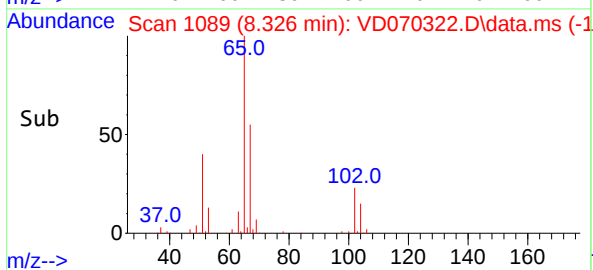
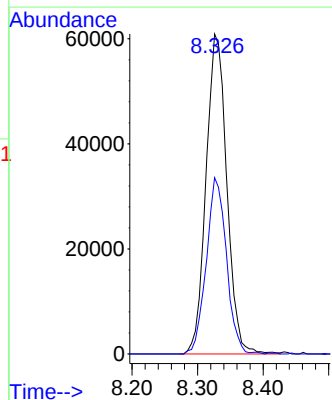
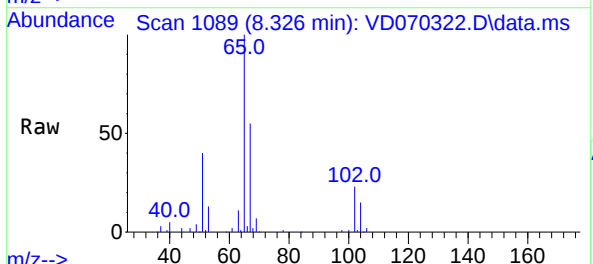
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

Tgt Ion:168 Resp: 138424
Ion Ratio Lower Upper
168 100
99 63.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 75.479 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 65 Resp: 134156
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4

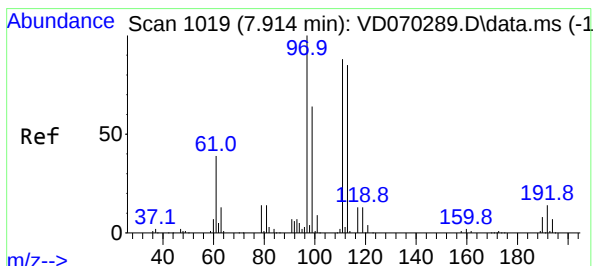
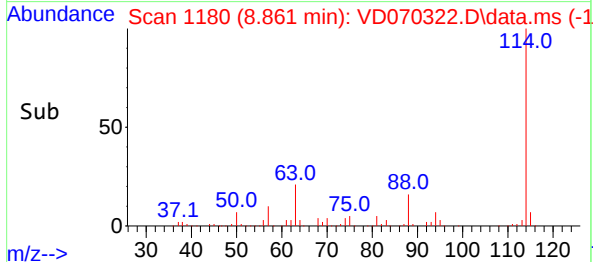
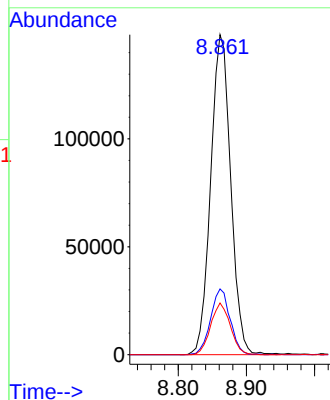
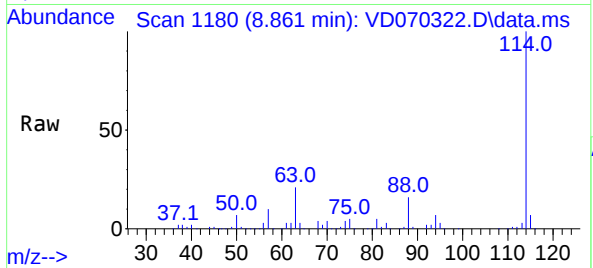




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

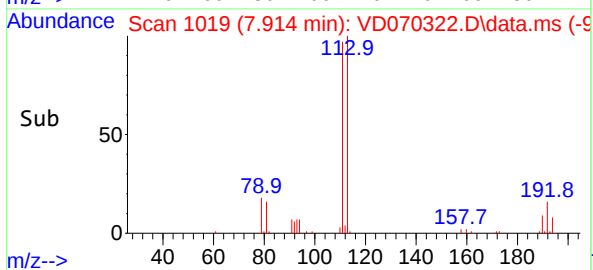
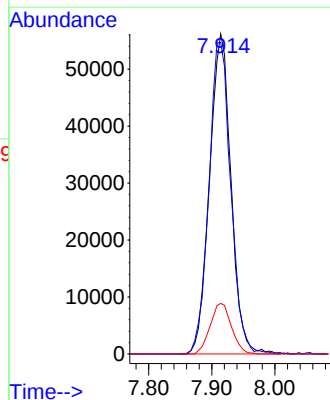
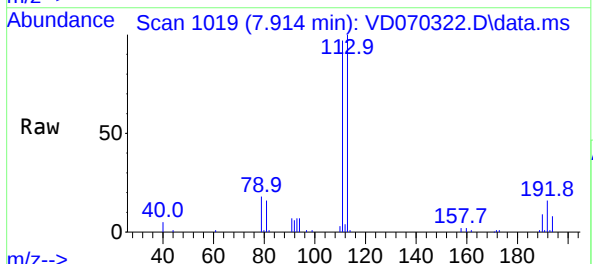
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

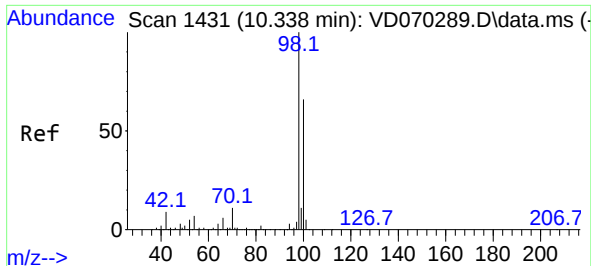
Tgt Ion:114 Resp: 303327
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 61.407 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion:113 Resp: 132585
Ion Ratio Lower Upper
113 100
111 99.4 81.4 122.2
192 15.7 13.0 19.6

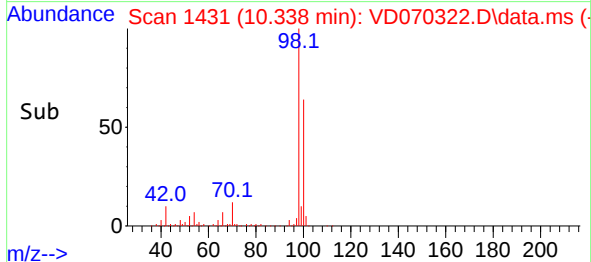
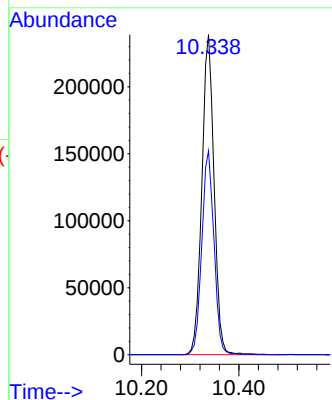
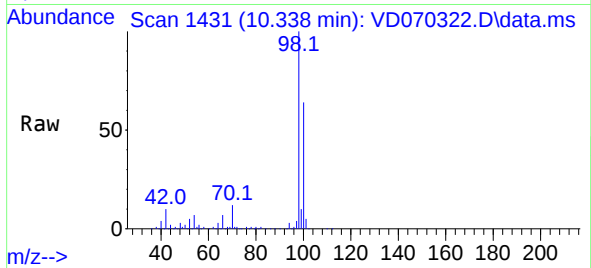




#50
Toluene-d8
Concen: 52.955 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

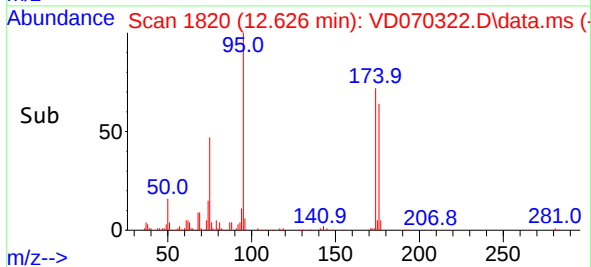
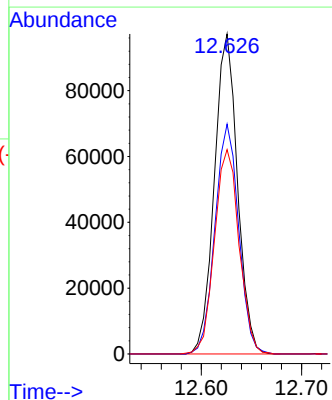
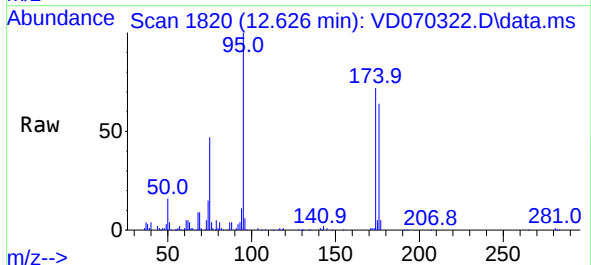
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

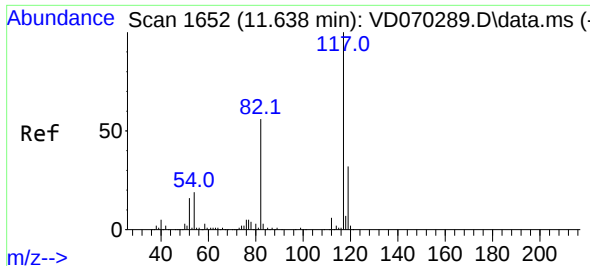
Tgt Ion: 98 Resp: 415124
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.811 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 95 Resp: 155645
Ion Ratio Lower Upper
95 100
174 73.5 0.0 140.6
176 68.0 0.0 137.4

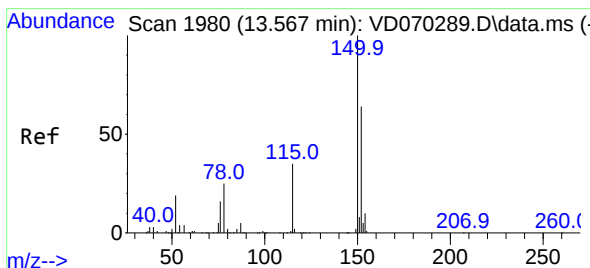
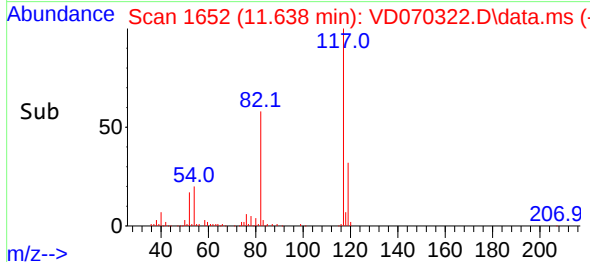
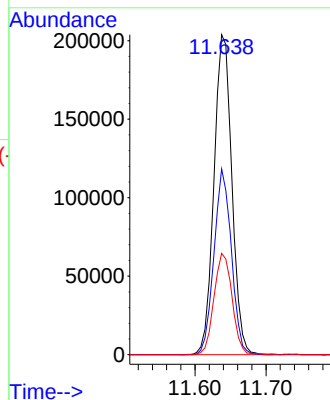
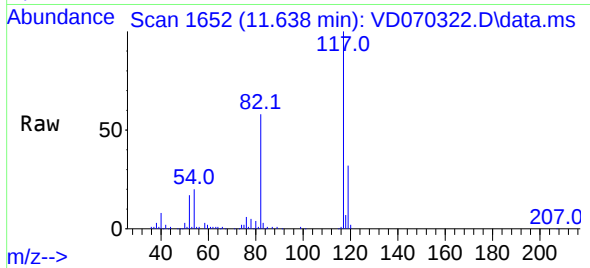




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

Tgt Ion:	117	Resp:	356576
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.0	67.4
119	31.6	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: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion:	152	Resp:	156210
Ion	Ratio	Lower	Upper
152	100		
115	61.3	32.1	96.3
150	156.2	0.0	350.6

