

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069936.D
 Acq On : 30 Jul 2021 15:00
 Operator : VA/SY
 Sample : M3238-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 221

Quant Time: Jul 31 00:38:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	12910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	21370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	11893	80.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.200%	
35) Dibromofluoromethane	7.914	113	7079	52.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.100%	
50) Toluene-d8	10.338	98	25094	48.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.620	95	6904	39.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.540%	

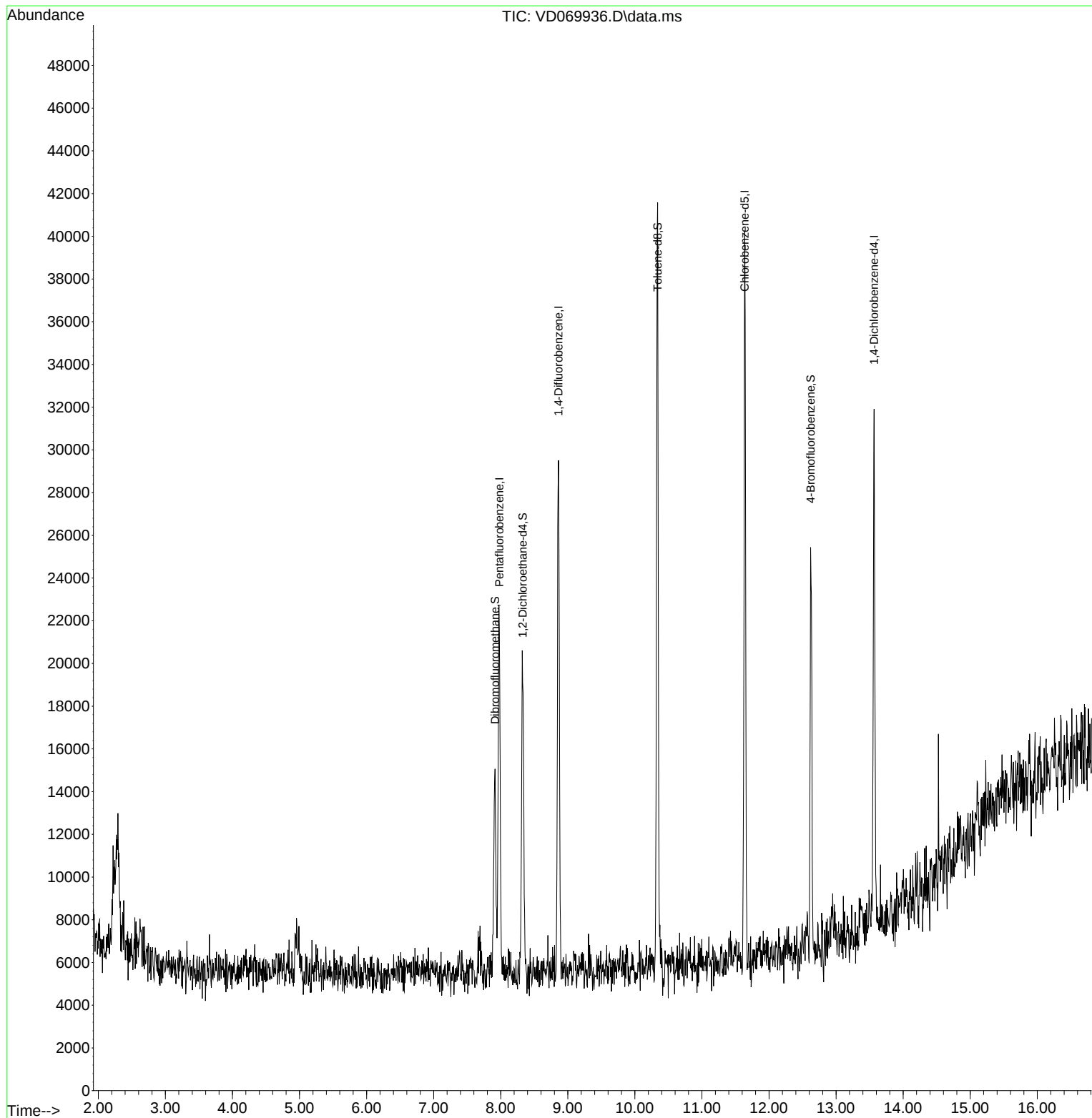
Target Compounds	Qvalue

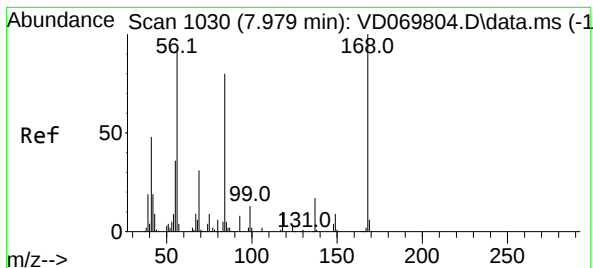
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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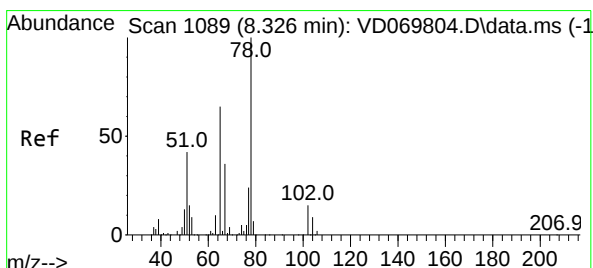
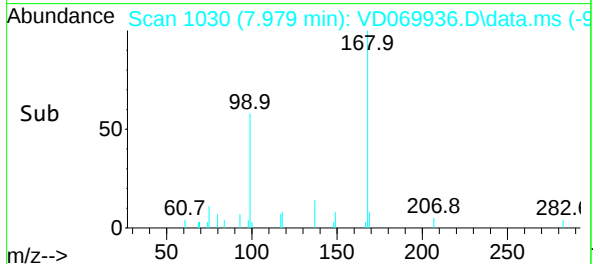
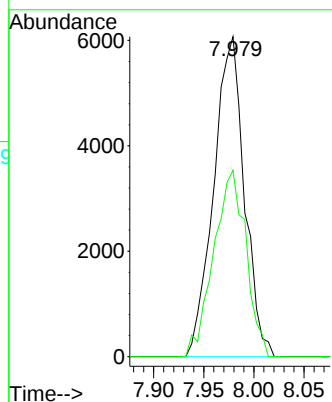
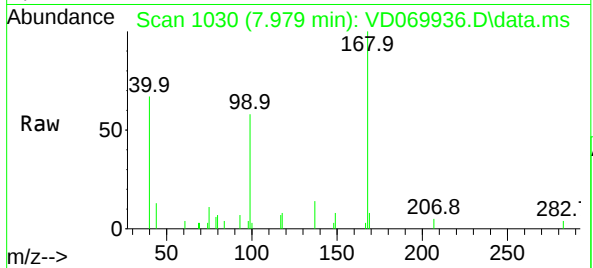




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

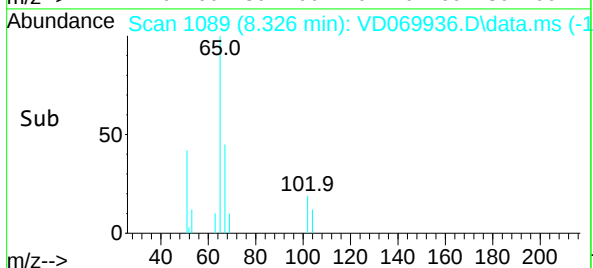
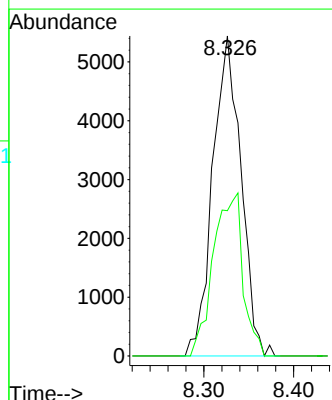
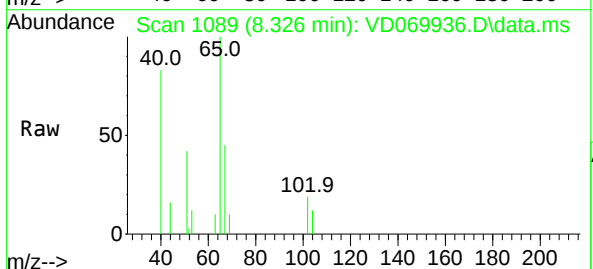
Instrument :
MSVOA_D
ClientSampled :
221

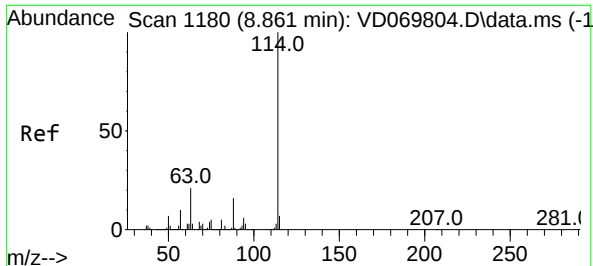
Tgt Ion:168 Resp: 12910
Ion Ratio Lower Upper
168 100
99 58.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 80.100 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

Tgt Ion: 65 Resp: 11893
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.2



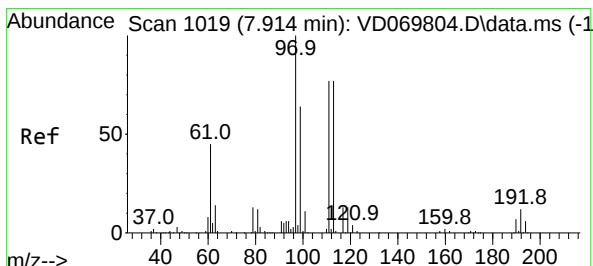
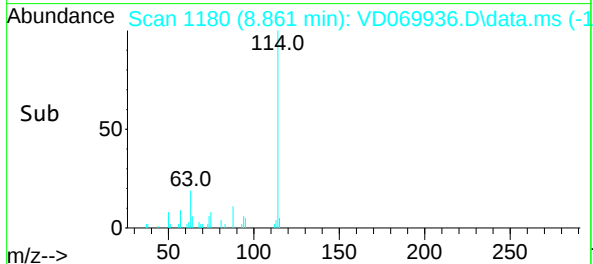
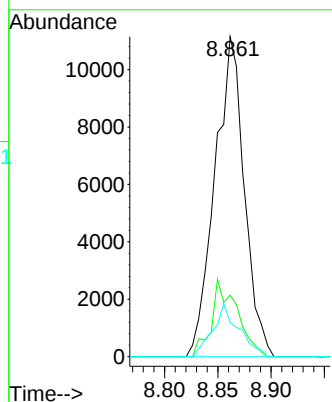
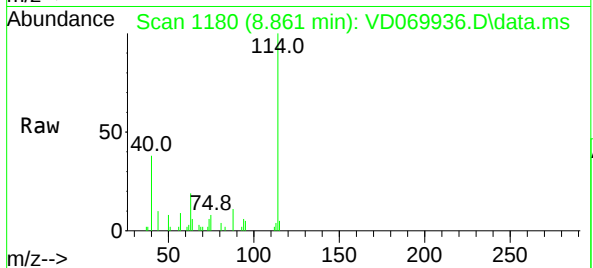


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

Instrument :
MSVOA_D
ClientSampled :
221

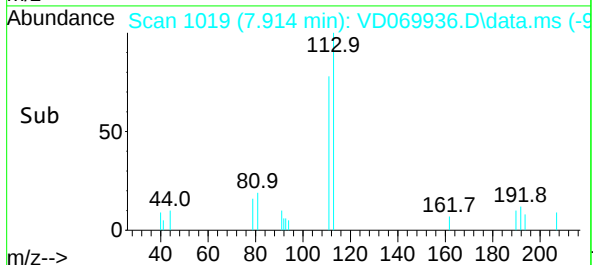
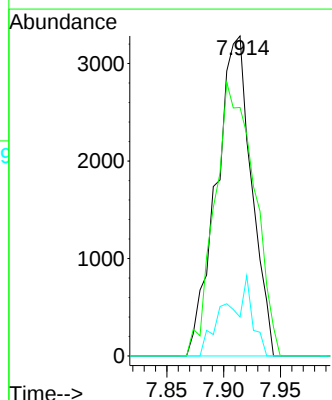
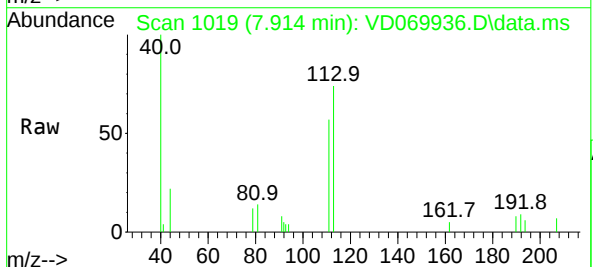
Tgt Ion:	114	Resp:	21370
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.6
88	10.8	0.0	31.4

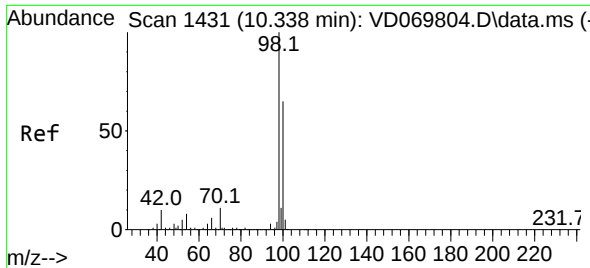


#35

Dibromofluoromethane
Concen: 52.547 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

Tgt Ion:	113	Resp:	7079
Ion	Ratio	Lower	Upper
113	100		
111	96.3	80.5	120.7
192	18.6	12.6	19.0

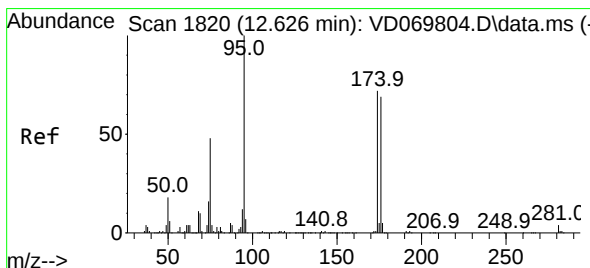
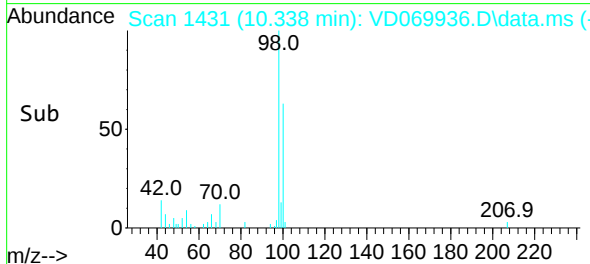
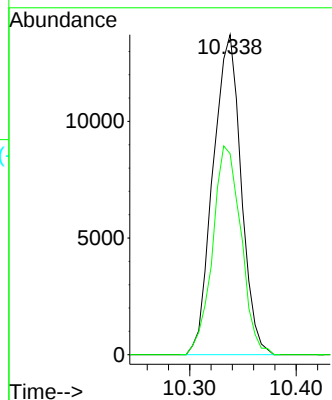
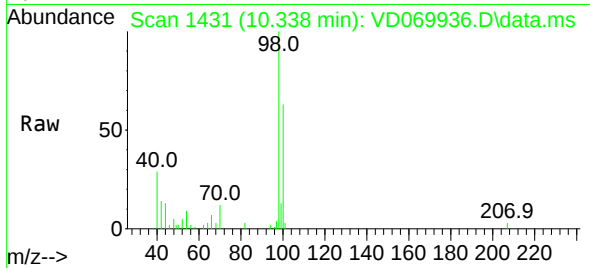




#50
Toluene-d8
Concen: 48.308 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

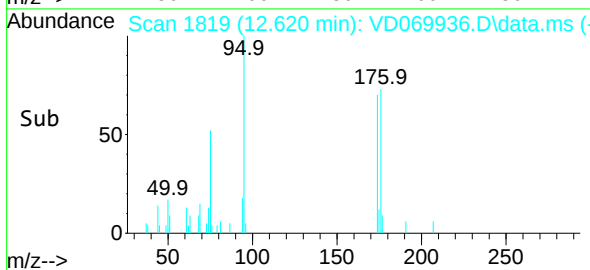
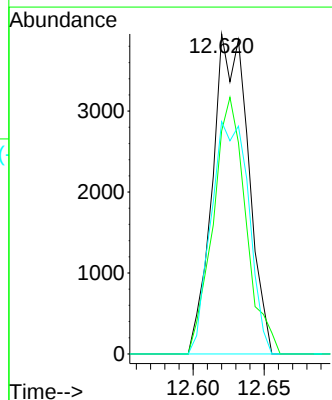
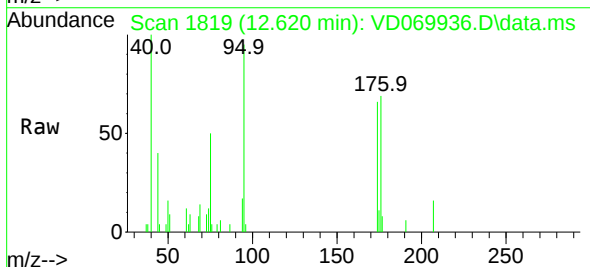
Instrument :
MSVOA_D
ClientSampled :
221

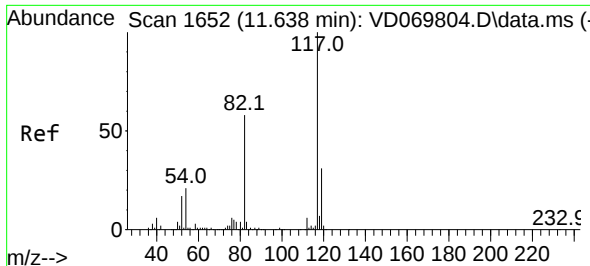
Tgt Ion: 98 Resp: 25094
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.769 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

Tgt Ion: 95 Resp: 6904
Ion Ratio Lower Upper
95 100
174 73.7 0.0 142.6
176 76.5 0.0 134.2

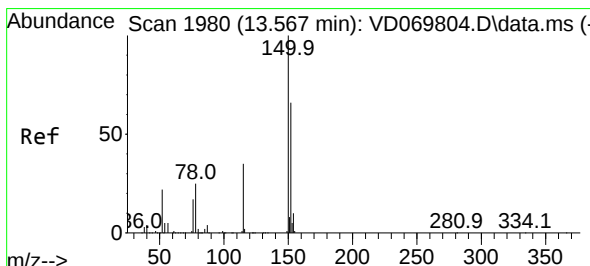
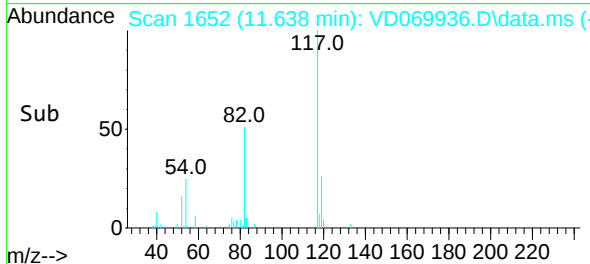
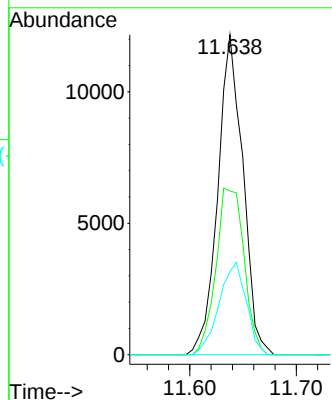
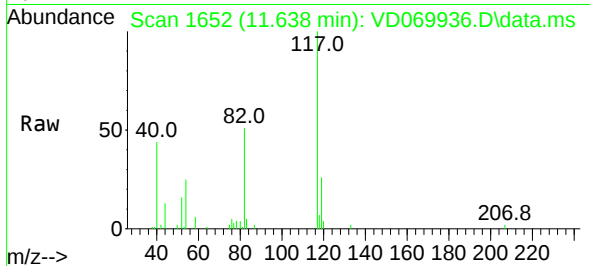




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

Instrument :
MSVOA_D
ClientSampleId :
221

Tgt Ion:	117	Resp:	19919
Ion	Ratio	Lower	Upper
117	100		
82	51.2	46.3	69.5
119	25.9	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069936.D
Acq: 30 Jul 2021 15:00

Tgt Ion:	152	Resp:	6336
Ion	Ratio	Lower	Upper
152	100		
115	72.6	31.1	93.3
150	159.5	0.0	343.0

