

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069938.D
 Acq On : 30 Jul 2021 15:57
 Operator : VA/SY
 Sample : M3235-03RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-462-COMPRES

Quant Time: Jul 31 00:38:32 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	7.973	168	42010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	72285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	69605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	28131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	41204	85.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.560%#	
35) Dibromofluoromethane	7.908	113	25386	55.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.420%	
50) Toluene-d8	10.332	98	88548	50.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.626	95	26569	45.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.480%	

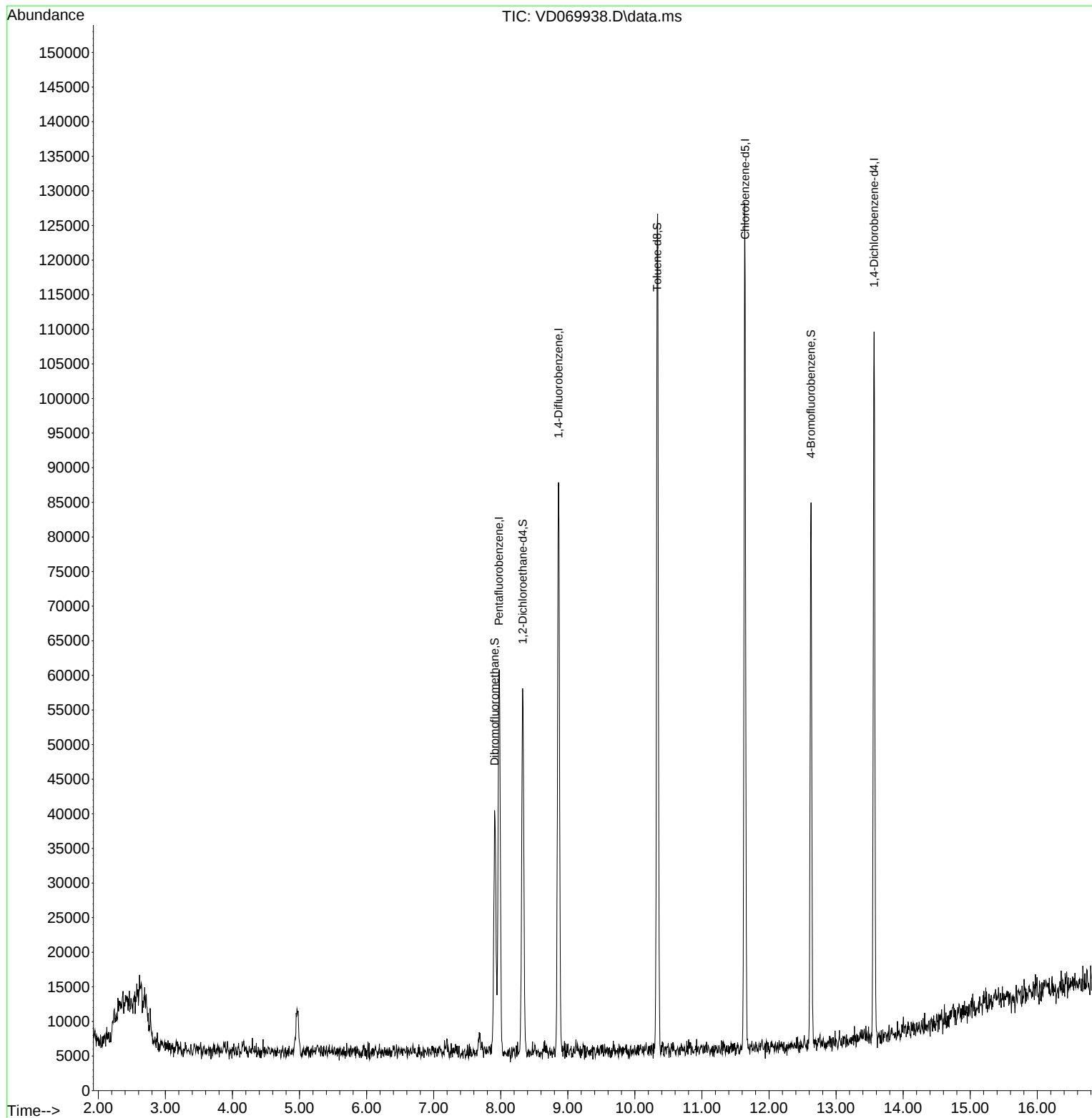
Target Compounds	Qvalue

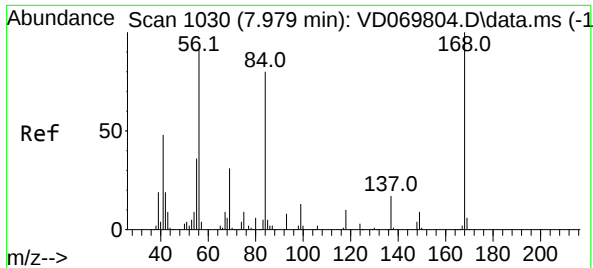
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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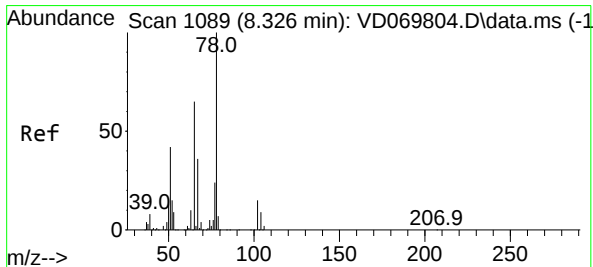
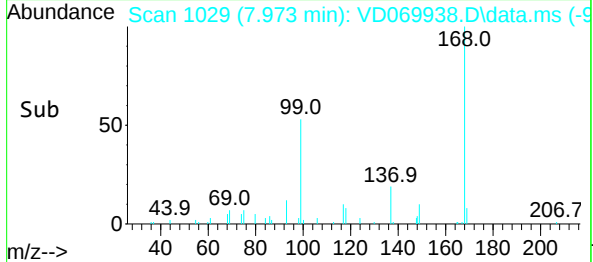
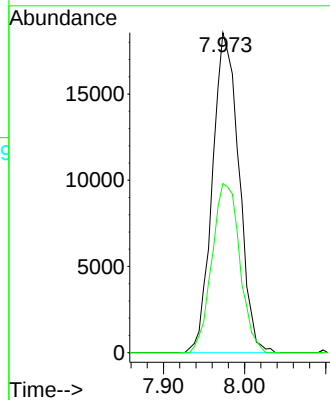
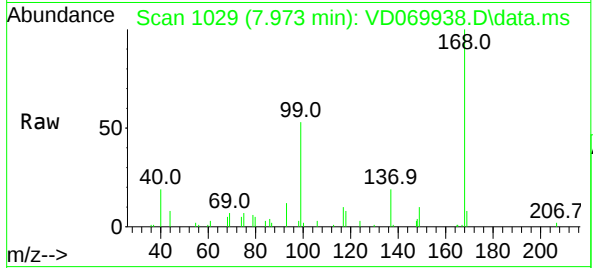




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

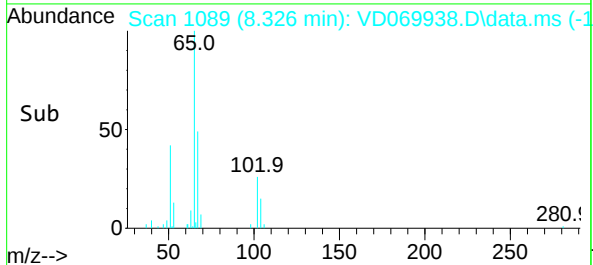
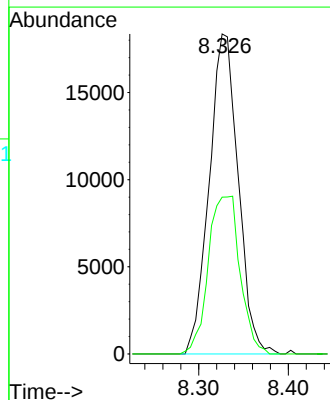
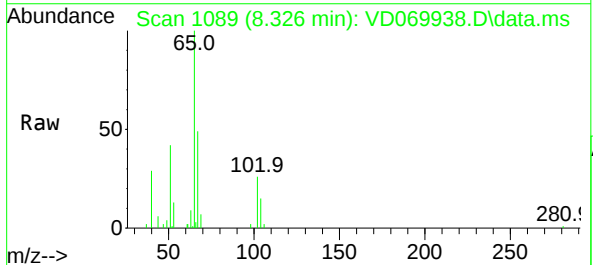
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

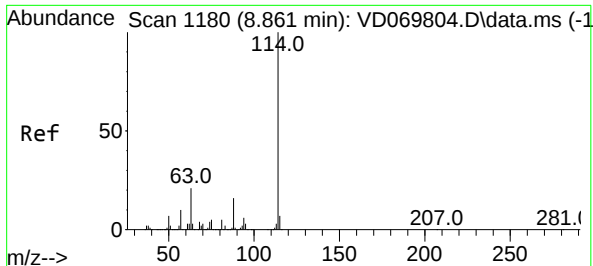
Tgt Ion:168 Resp: 42010
Ion Ratio Lower Upper
168 100
99 52.8 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 85.282 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion: 65 Resp: 41204
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2

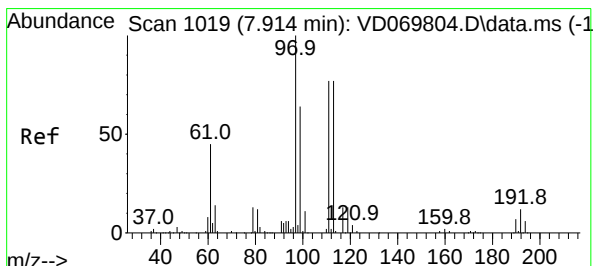
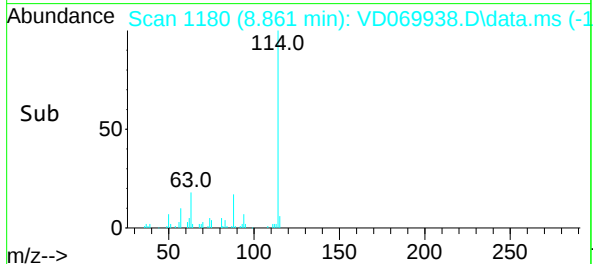
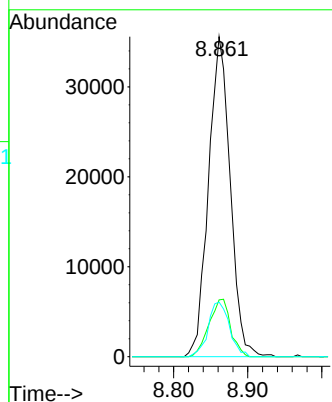
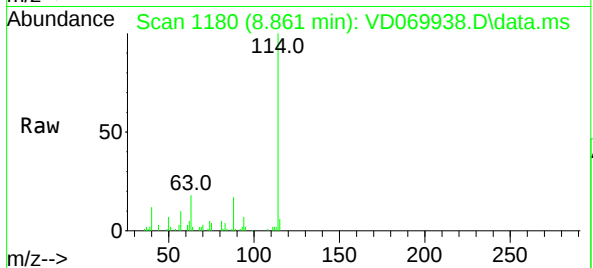




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

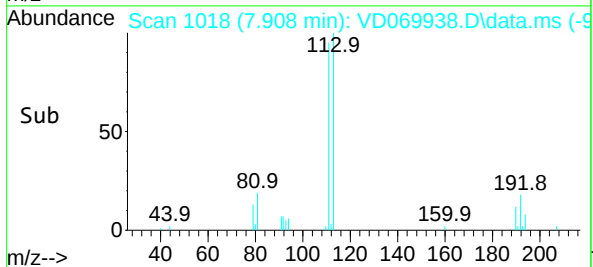
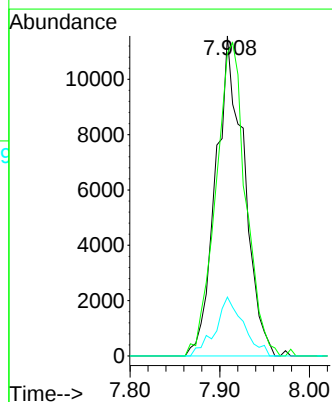
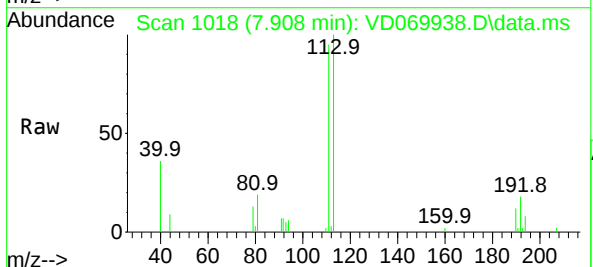
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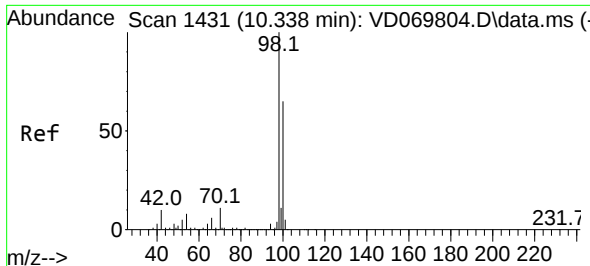
Tgt Ion:	114	Resp:	72285
Ion Ratio	Lower	Upper	
114	100		
63	17.8	0.0	41.6
88	17.0	0.0	31.4



#35
Dibromofluoromethane
Concen: 55.710 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion:	113	Resp:	25386
Ion Ratio	Lower	Upper	
113	100		
111	103.7	80.5	120.7
192	18.2	12.6	19.0

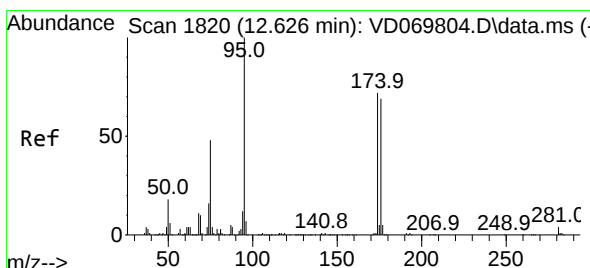
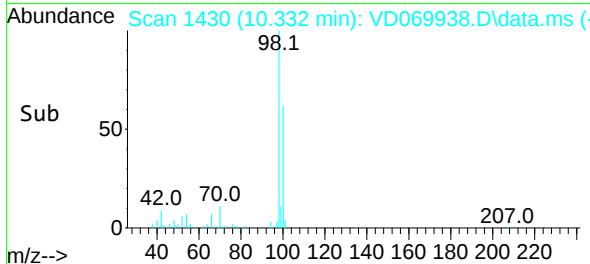
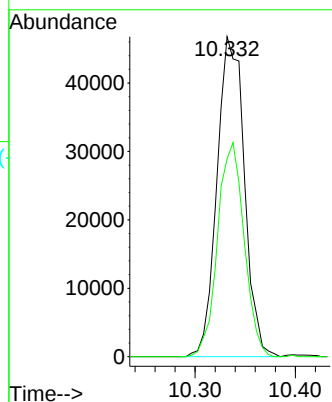
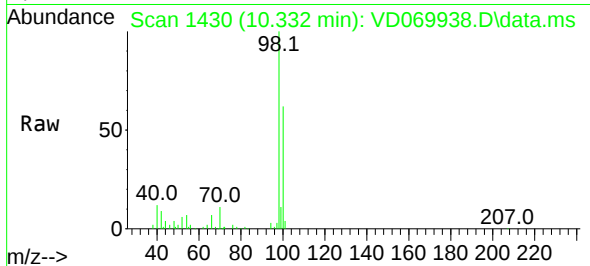




#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

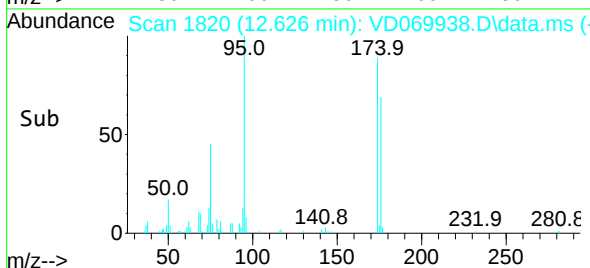
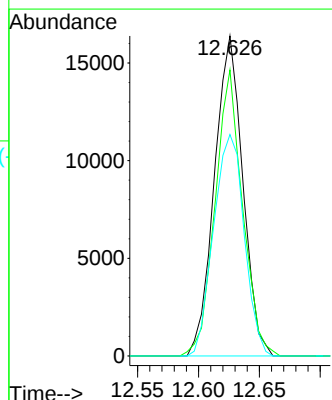
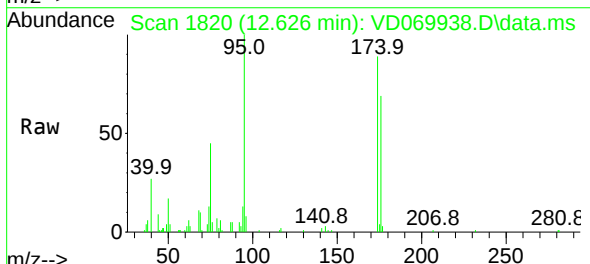
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

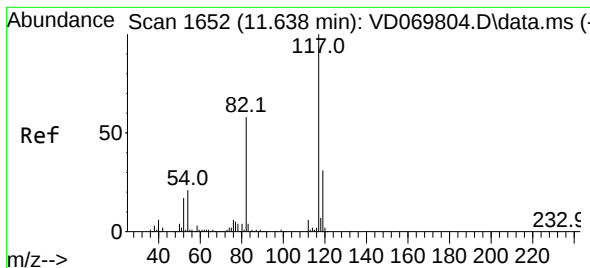
Tgt Ion: 98 Resp: 88548
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.245 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion: 95 Resp: 26569
Ion Ratio Lower Upper
95 100
174 86.2 0.0 142.6
176 74.6 0.0 134.2

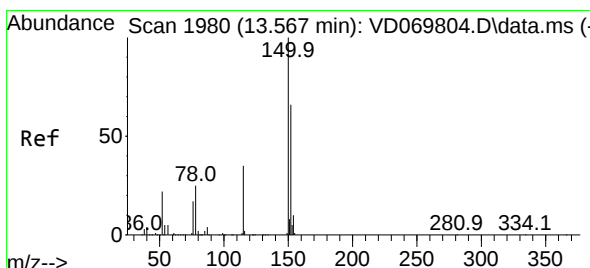
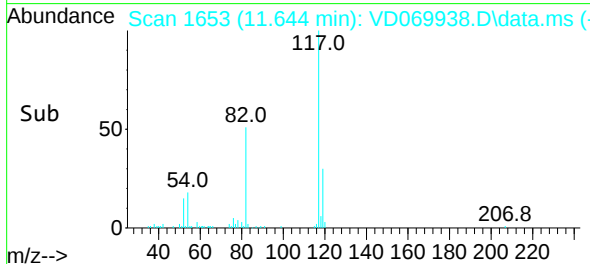
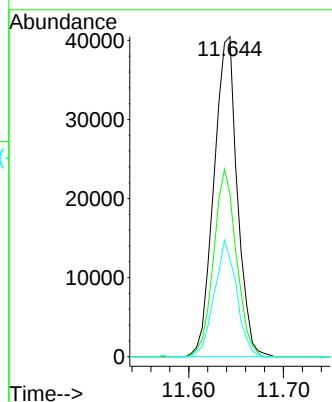
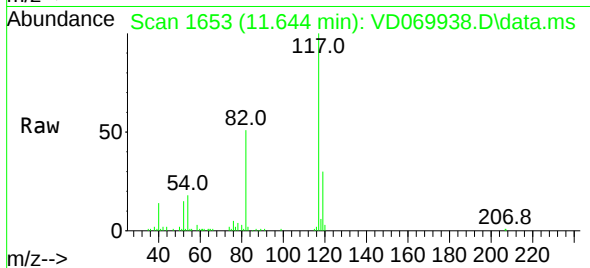




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

Tgt Ion:117 Resp: 69605
Ion Ratio Lower Upper
117 100
82 50.9 46.3 69.5
119 30.3 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: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion:152 Resp: 28131
Ion Ratio Lower Upper
152 100
115 64.1 31.1 93.3
150 157.7 0.0 343.0

