

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080221\
 Data File : VD069949.D
 Acq On : 02 Aug 2021 11:51
 Operator : VA/SY
 Sample : M3253-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1-COMP

Quant Time: Aug 03 02:55:28 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	53751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	95766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	117612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	51658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	58661	94.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.780%#	
35) Dibromofluoromethane	7.920	113	34956	57.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.800%	
50) Toluene-d8	10.338	98	128481	55.193	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.626	95	52762	67.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 135.640%	

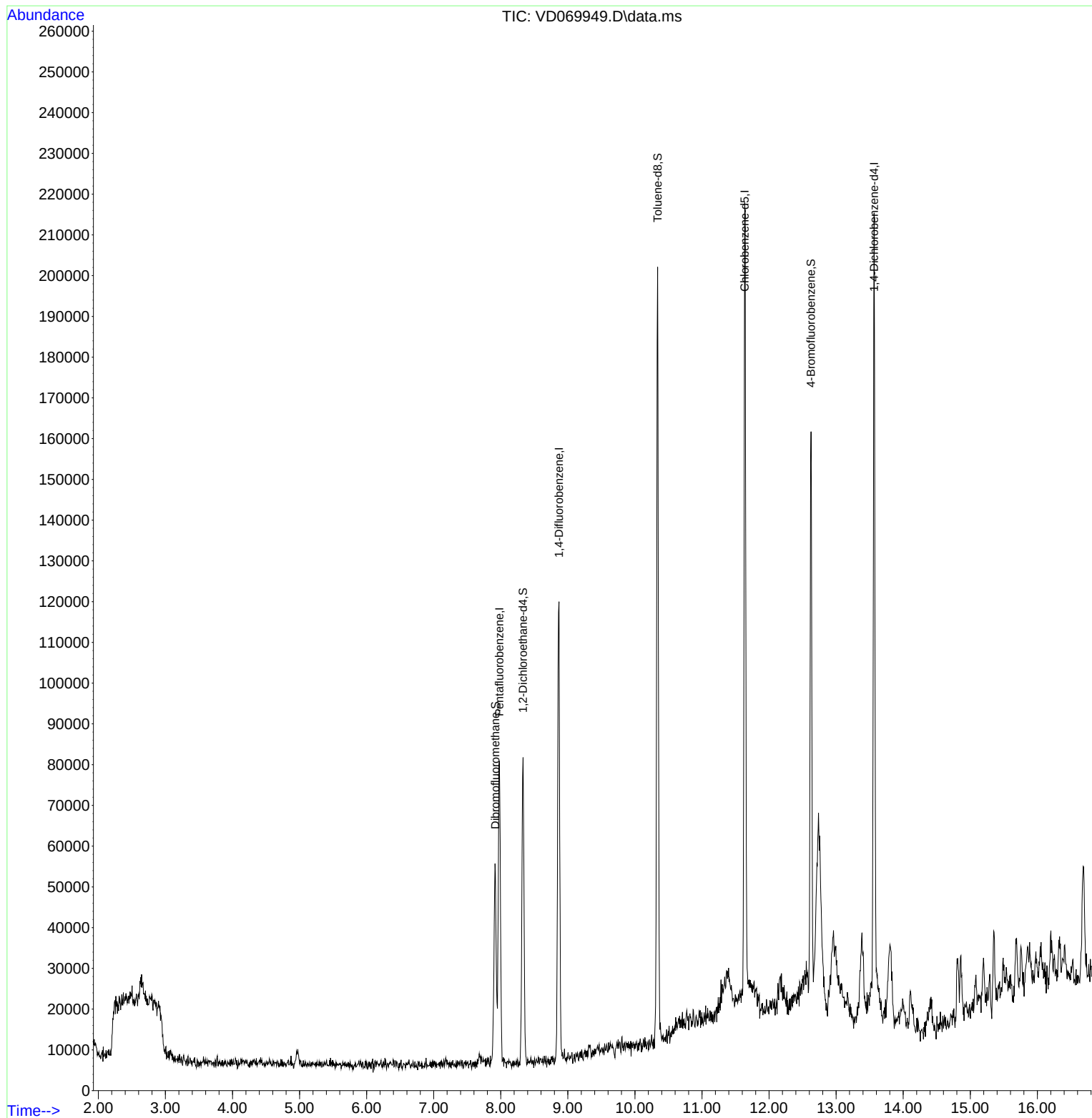
Target Compounds	Qvalue

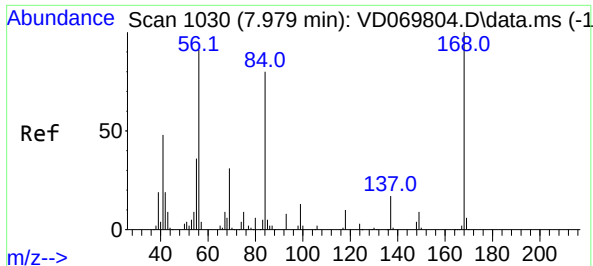
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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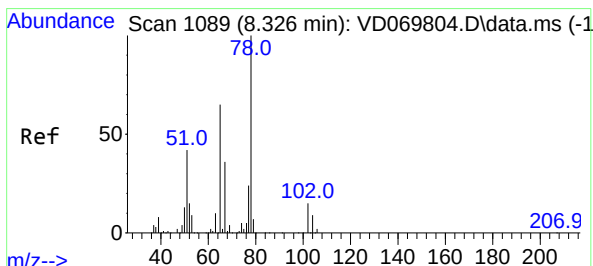
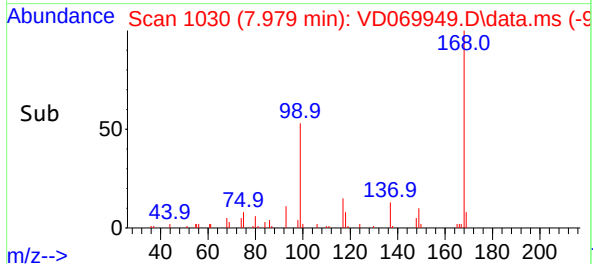
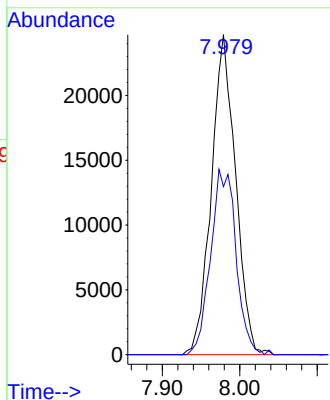
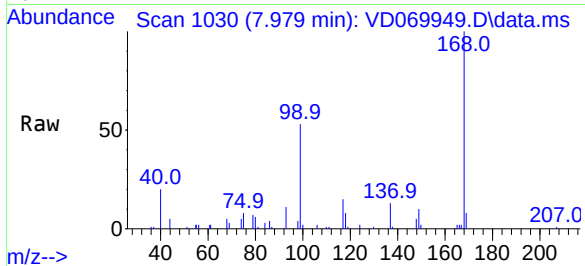




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069949.D
Acq: 02 Aug 2021 11:51

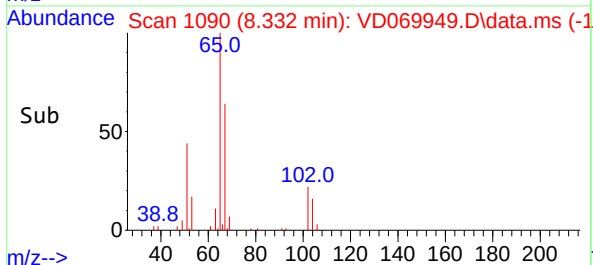
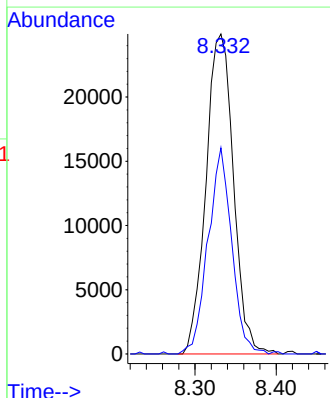
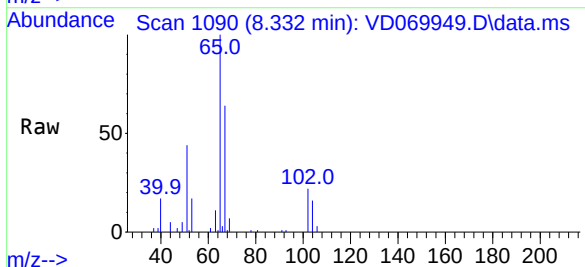
Instrument :
MSVOA_D
ClientSampleId :
MH-1-COMP

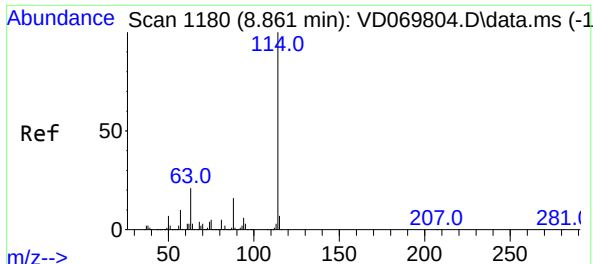
Tgt Ion:168 Resp: 53751
Ion Ratio Lower Upper
168 100
99 52.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 94.892 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069949.D
Acq: 02 Aug 2021 11:51

Tgt Ion: 65 Resp: 58661
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.2

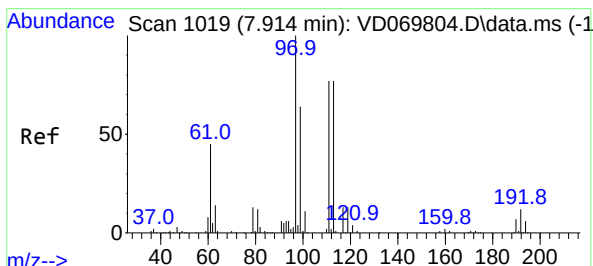
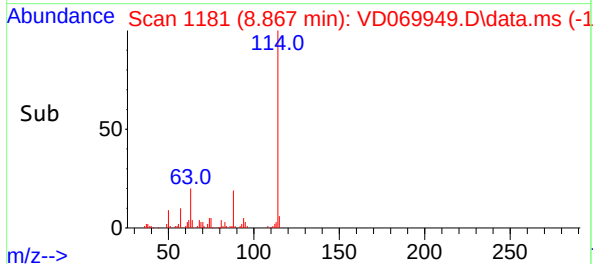
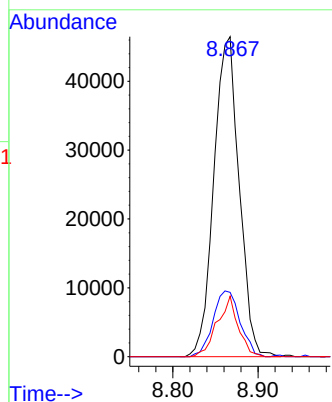
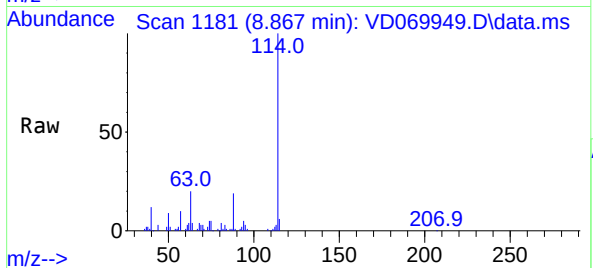




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069949.D
Acq: 02 Aug 2021 11:51

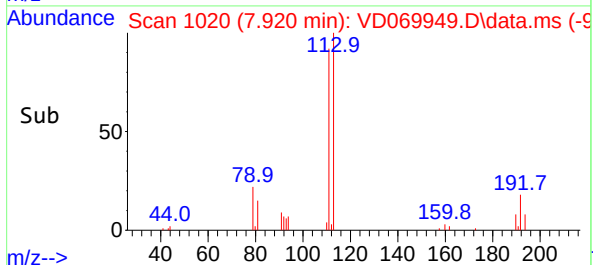
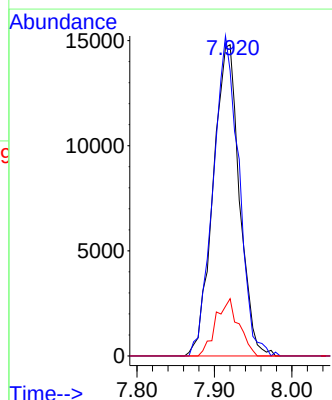
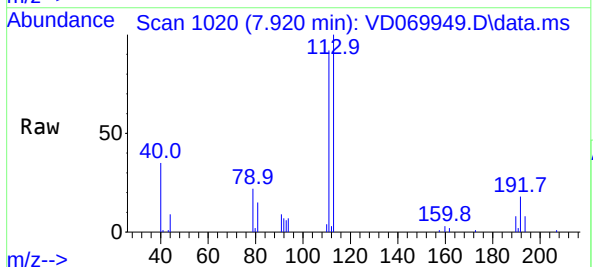
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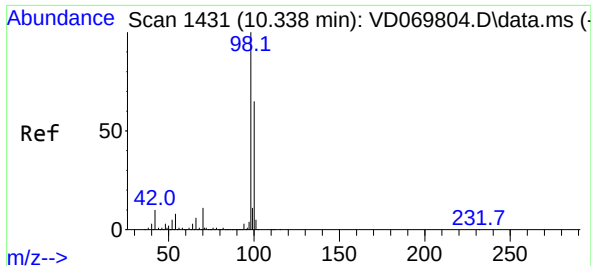
Tgt Ion:	114	Resp:	95766
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	41.6
88	18.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 57.902 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069949.D
Acq: 02 Aug 2021 11:51

Tgt Ion:	113	Resp:	34956
Ion Ratio	Lower	Upper	
113	100		
111	100.6	80.5	120.7
192	16.1	12.6	19.0

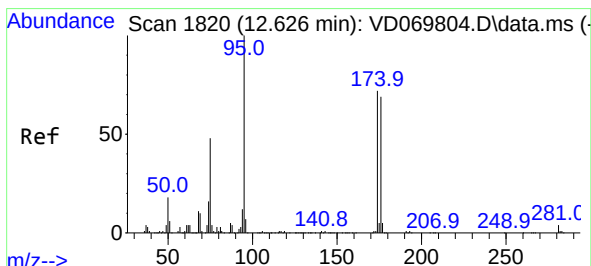
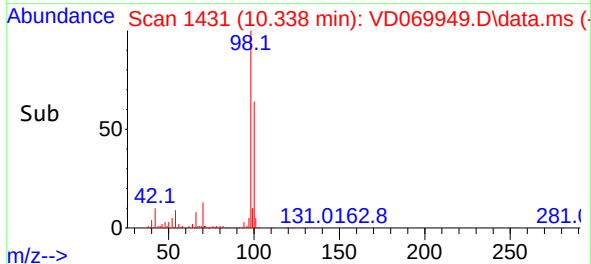
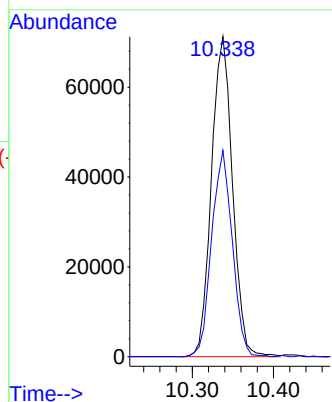
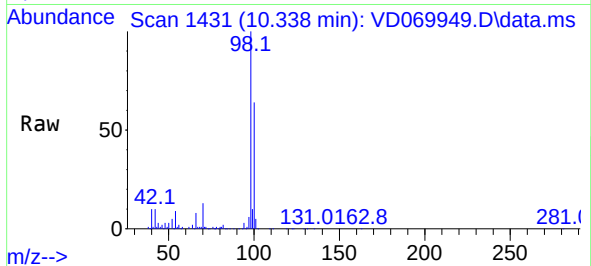




#50
Toluene-d8
Concen: 55.193 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069949.D
Acq: 02 Aug 2021 11:51

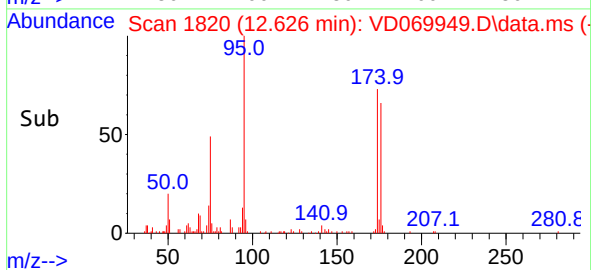
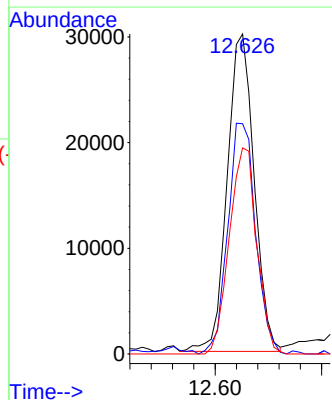
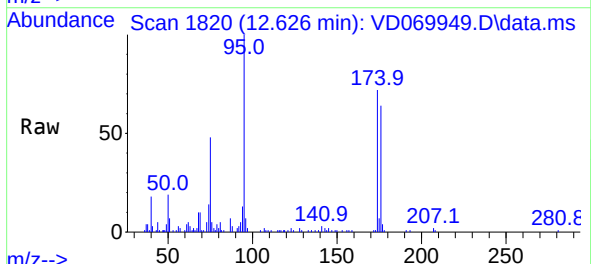
Instrument :
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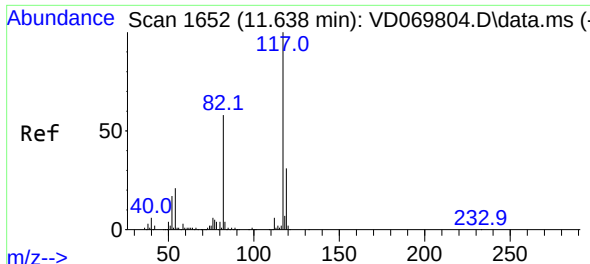
Tgt Ion: 98 Resp: 128481
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 67.819 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069949.D
Acq: 02 Aug 2021 11:51

Tgt Ion: 95 Resp: 52762
Ion Ratio Lower Upper
95 100
174 74.8 0.0 142.6
176 66.0 0.0 134.2

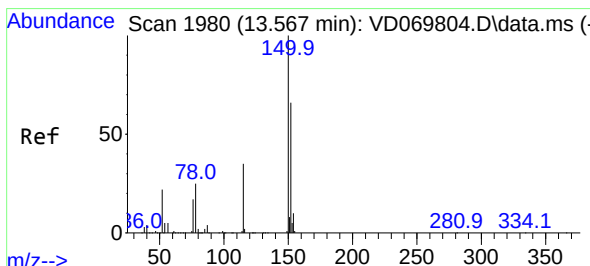
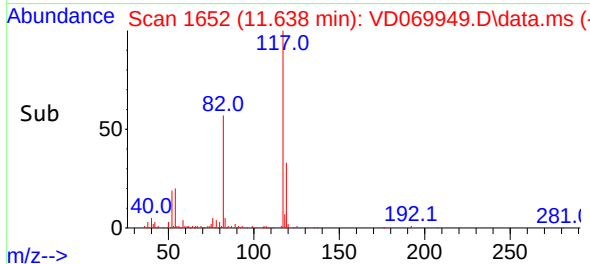
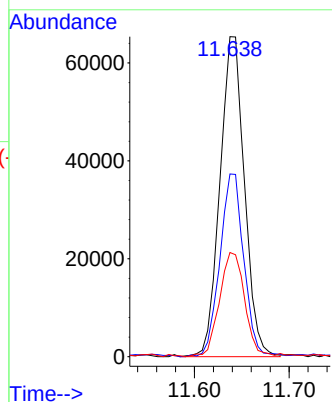
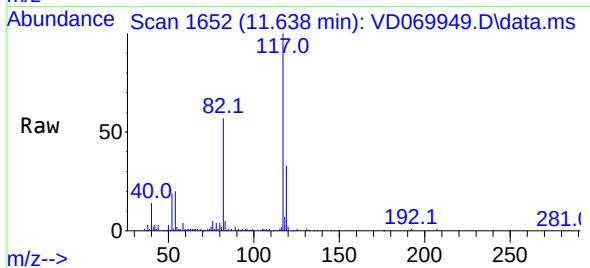




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069949.D
Acq: 02 Aug 2021 11:51

Instrument :
MSVOA_D
ClientSampleId :
MH-1-COMP

Tgt Ion:117 Resp: 117612
Ion Ratio Lower Upper
117 100
82 57.1 46.3 69.5
119 32.3 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: VD069949.D
Acq: 02 Aug 2021 11:51

Tgt Ion:152 Resp: 51658
Ion Ratio Lower Upper
152 100
115 63.1 31.1 93.3
150 154.4 0.0 343.0

