

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069112.D
 Acq On : 07 May 2021 19:49
 Operator : VA/SY
 Sample : M2277-02
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-A3-A3A-B3-B3A

Quant Time: May 08 00:10:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	194283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	371678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	367723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	165462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	132996	53.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.24%	
35) Dibromofluoromethane	7.914	113	138118	54.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.38%	
50) Toluene-d8	10.338	98	477600	50.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.52%	
62) 4-Bromofluorobenzene	12.626	95	143951	46.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.02%	

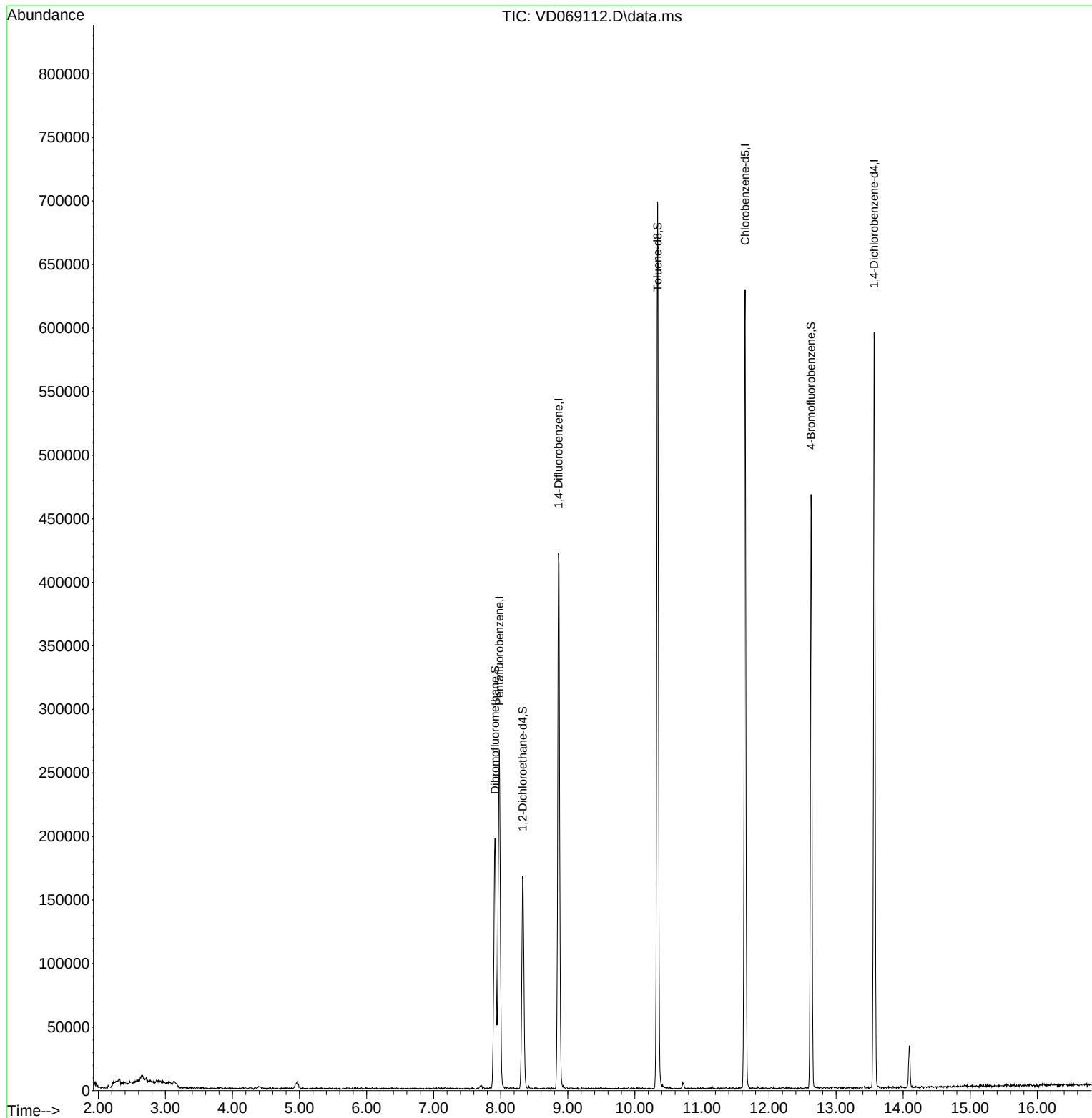
Target Compounds	Qvalue

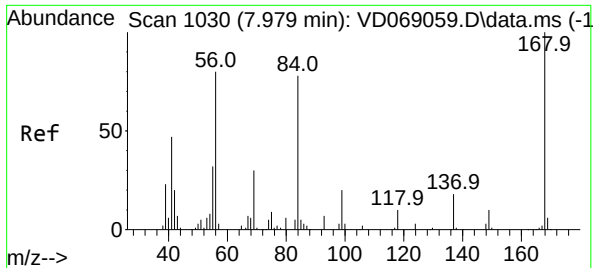
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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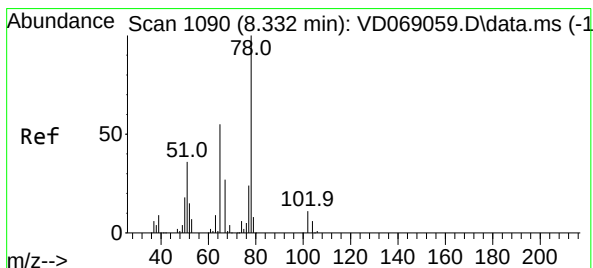
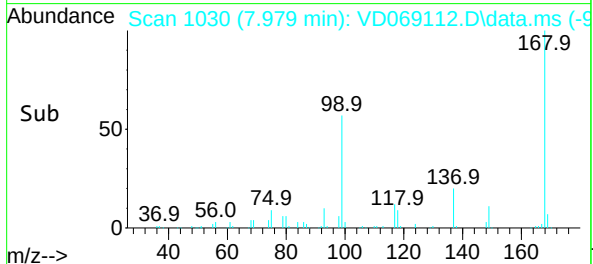
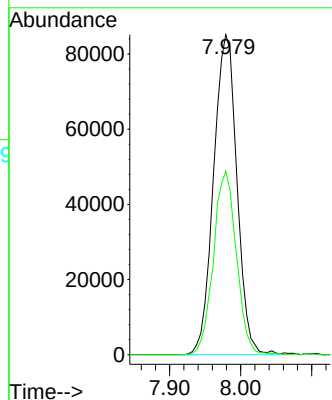
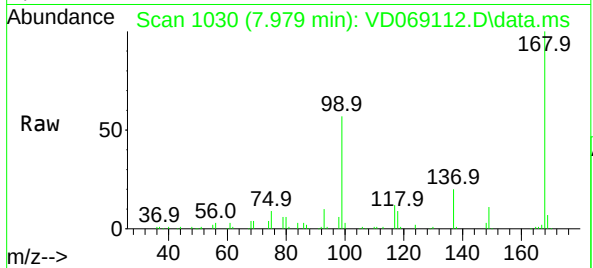




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

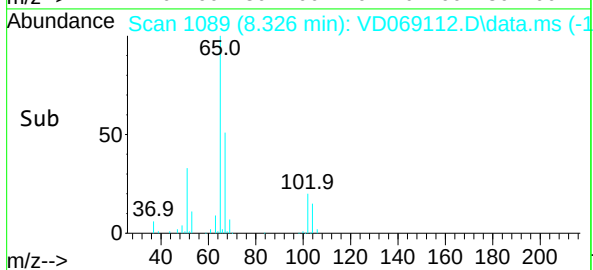
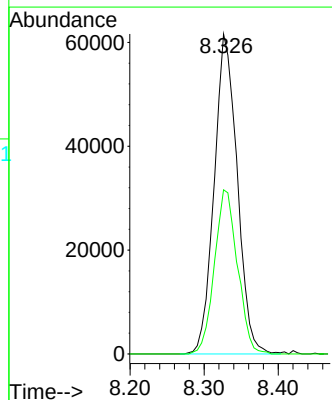
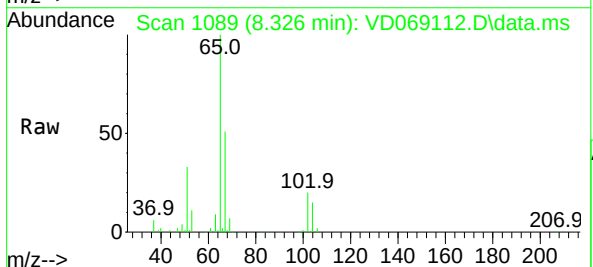
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A

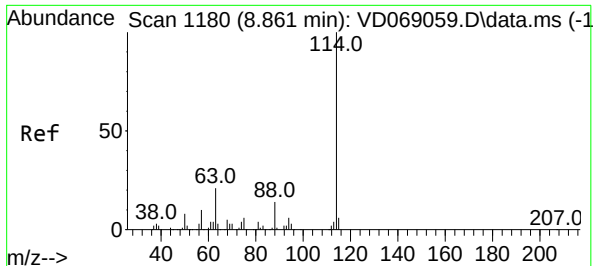
Tgt Ion:168 Resp: 194283
Ion Ratio Lower Upper
168 100
99 57.4 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 53.12 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Tgt Ion: 65 Resp: 132996
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069112.D

Acq: 07 May 2021 19:49

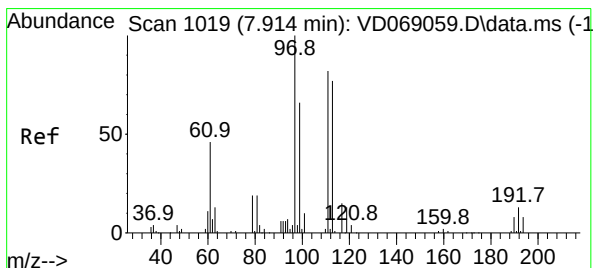
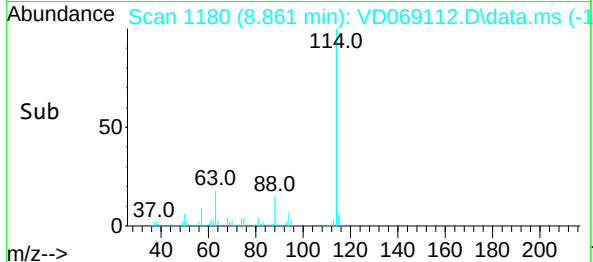
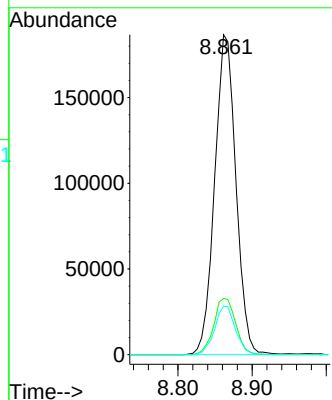
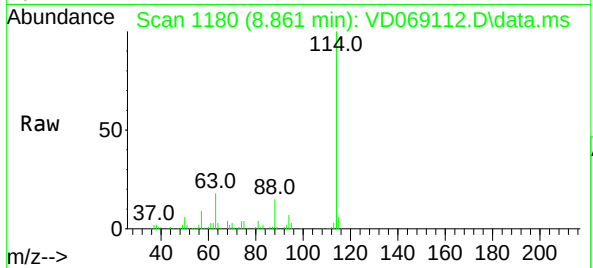
Tgt Ion:114 Resp: 371678

Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.4

88 15.2 0.0 27.8



#35

Dibromofluoromethane

Concen: 54.19 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069112.D

Acq: 07 May 2021 19:49

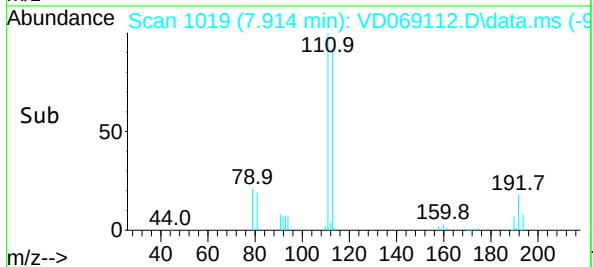
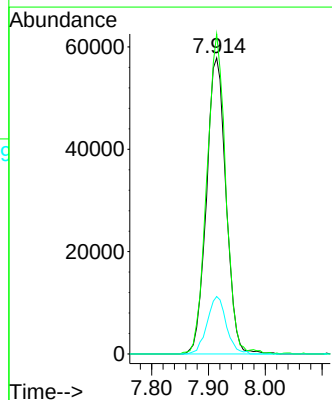
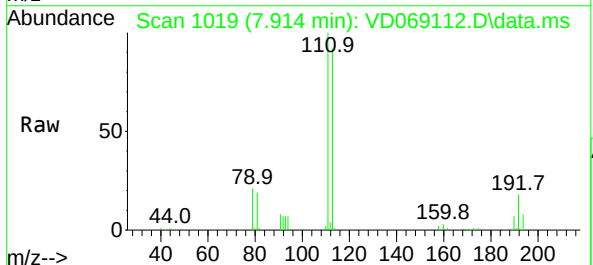
Tgt Ion:113 Resp: 138118

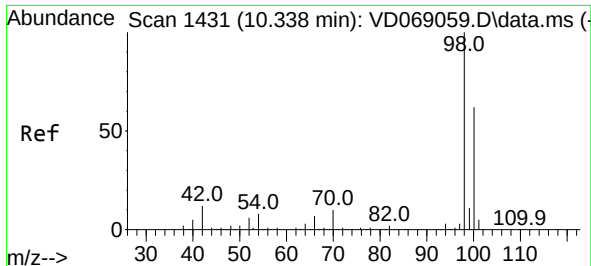
Ion Ratio Lower Upper

113 100

111 104.3 84.6 126.8

192 19.0 13.5 20.3

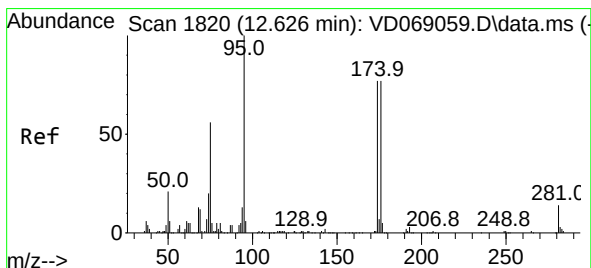
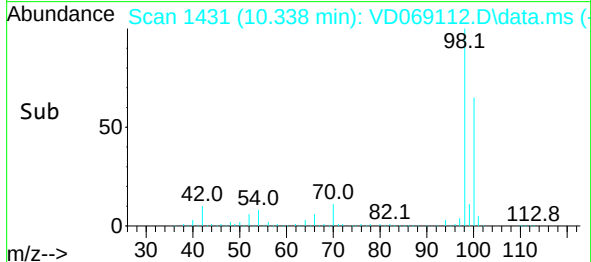
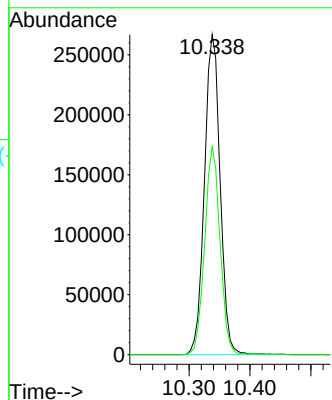
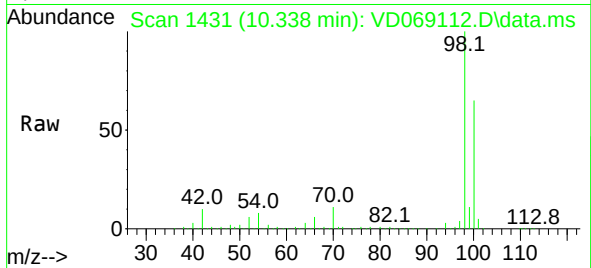




#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

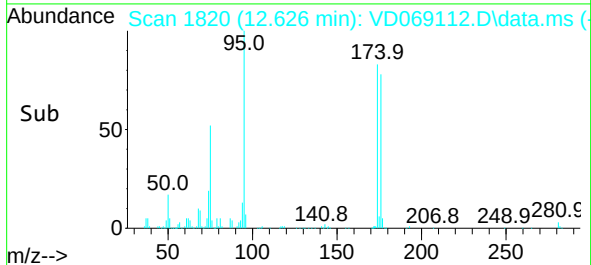
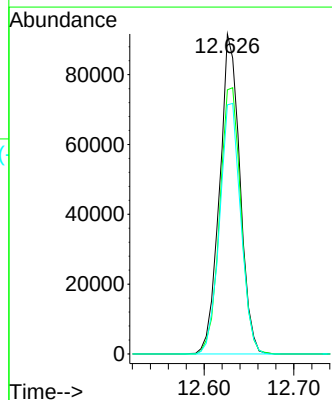
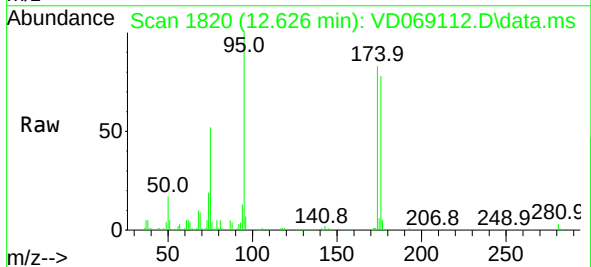
Instrument :
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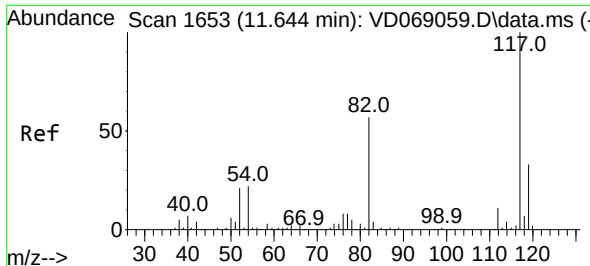
Tgt Ion: 98 Resp: 477600
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.51 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Tgt Ion: 95 Resp: 143951
Ion Ratio Lower Upper
95 100
174 86.5 0.0 156.0
176 81.2 0.0 149.4

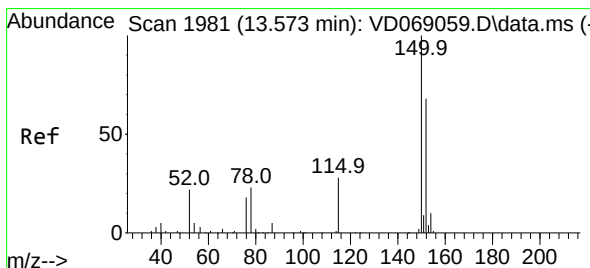
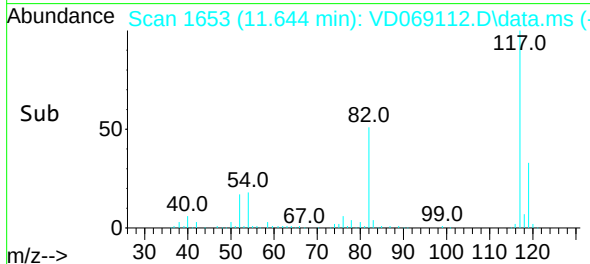
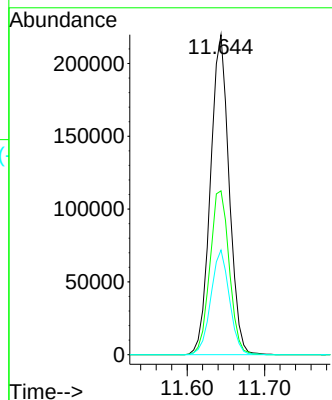
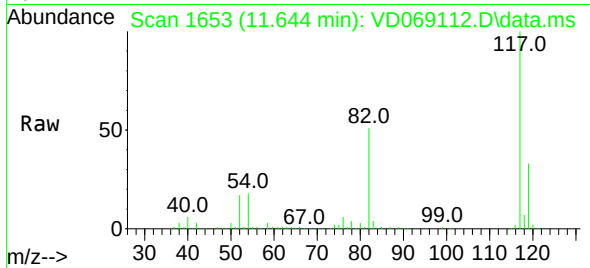




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-A3-A3A-B3-B3A

Tgt Ion:117 Resp: 367723
Ion Ratio Lower Upper
117 100
82 51.2 45.4 68.2
119 32.7 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069112.D
Acq: 07 May 2021 19:49

Tgt Ion:152 Resp: 165462
Ion Ratio Lower Upper
152 100
115 57.6 30.5 91.5
150 158.1 0.0 340.8

