

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069918.D
 Acq On : 29 Jul 2021 18:23
 Operator : VA/SY
 Sample : M3222-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-458-COMP

Quant Time: Jul 30 00:57:51 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	624422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1232307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1126364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	451106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	396905	55.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.914	113	403422	51.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.332	98	1601235	53.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.920%
62) 4-Bromofluorobenzene	12.626	95	456330	45.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.160%

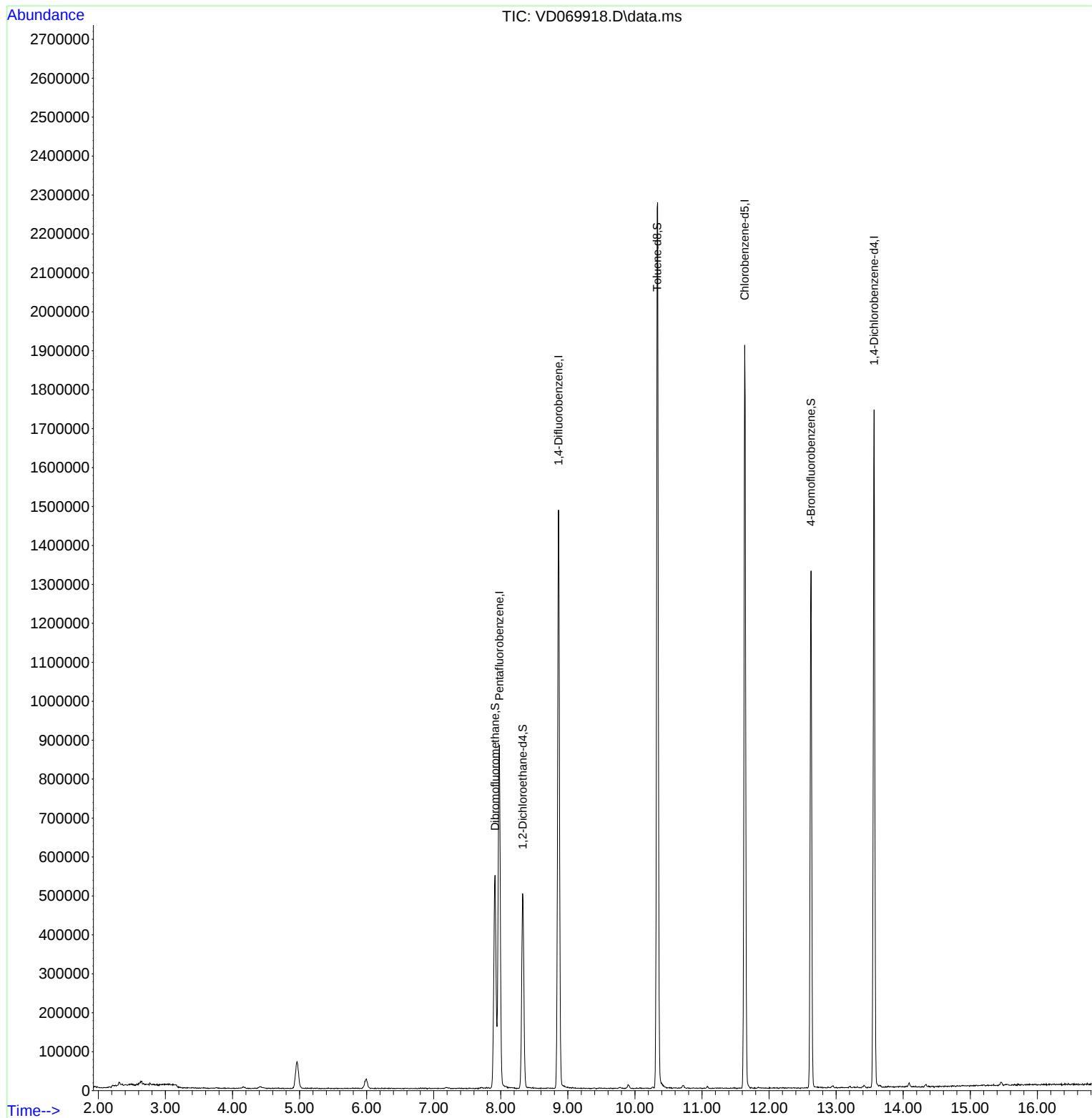
Target Compounds	Qvalue

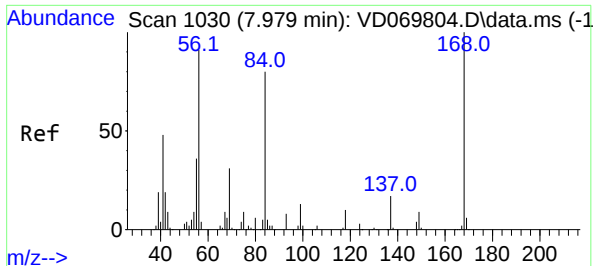
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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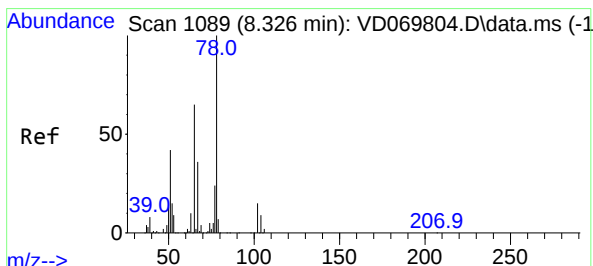
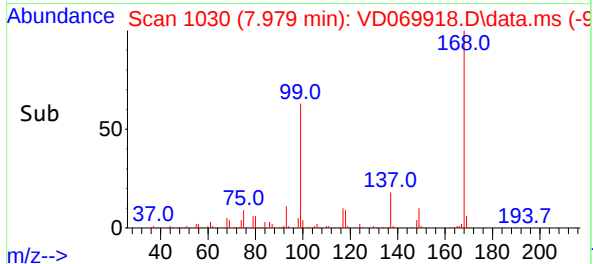
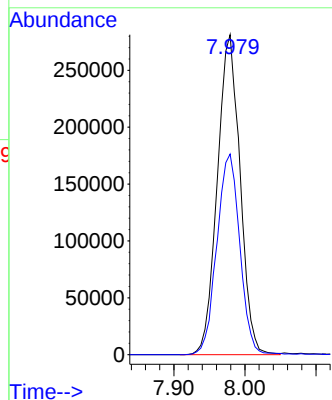
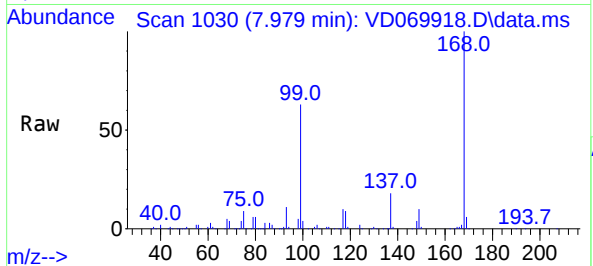




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

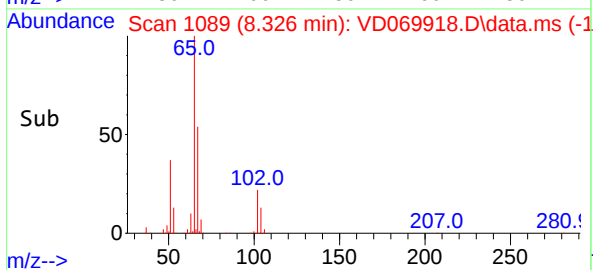
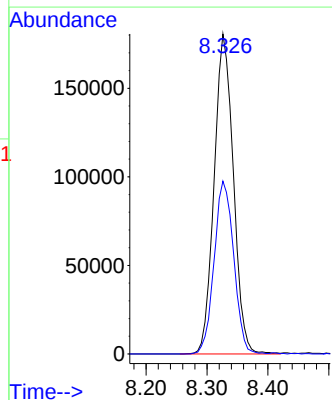
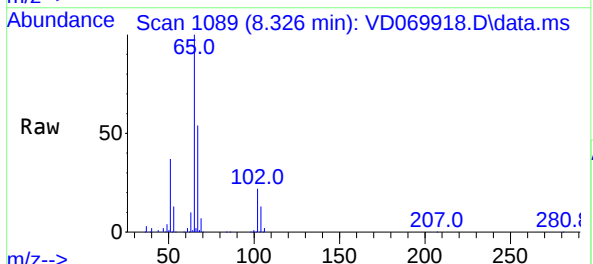
Instrument :
MSVOA_D
ClientSampleId :
MH-458-COMP

Tgt Ion:168 Resp: 624422
Ion Ratio Lower Upper
168 100
99 62.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 55.268 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion: 65 Resp: 396905
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2



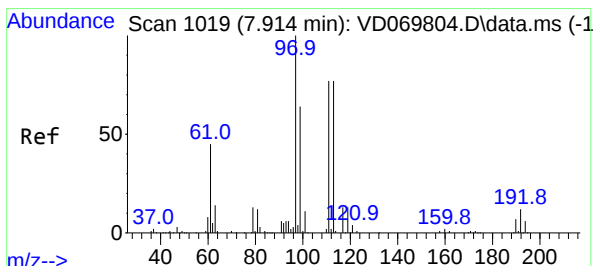
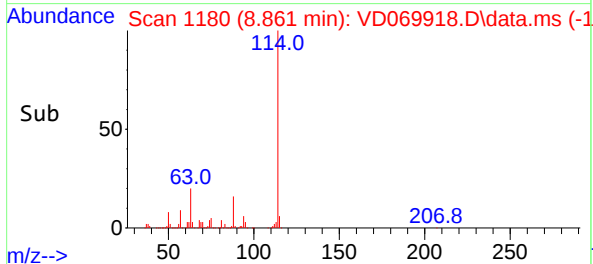
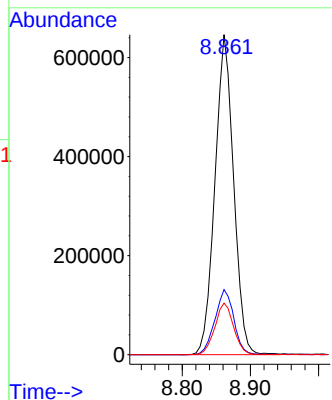
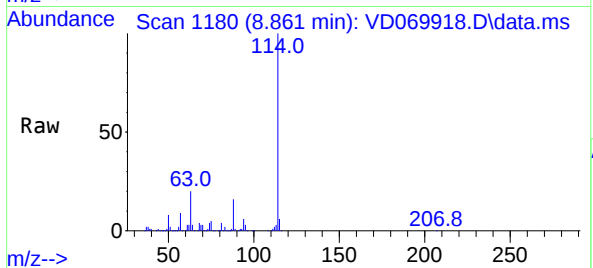


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
MH-458-COMP

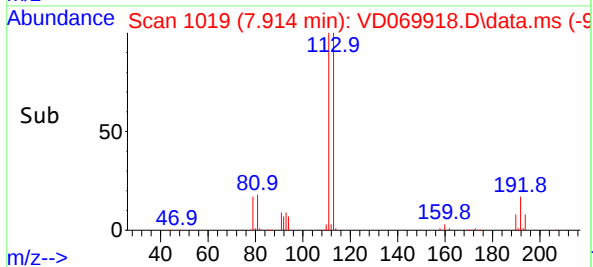
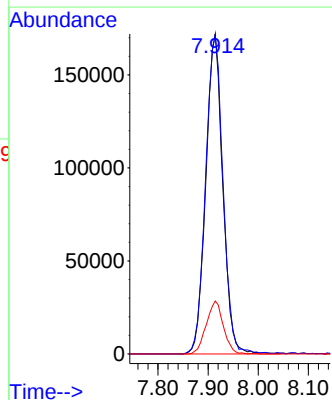
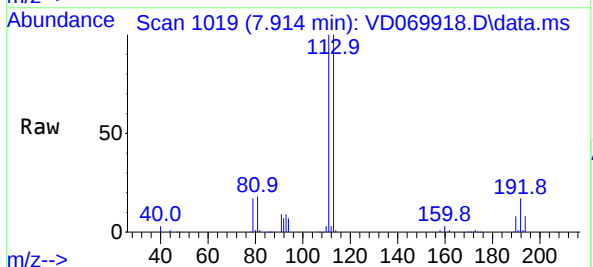
Tgt Ion:114 Resp: 1232307
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.1 0.0 31.4



#35

Dibromofluoromethane
Concen: 51.931 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion:113 Resp: 403422
Ion Ratio Lower Upper
113 100
111 102.7 80.5 120.7
192 16.7 12.6 19.0

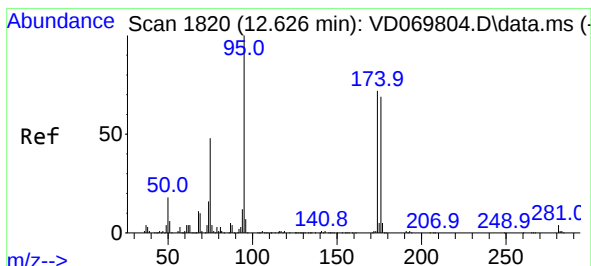
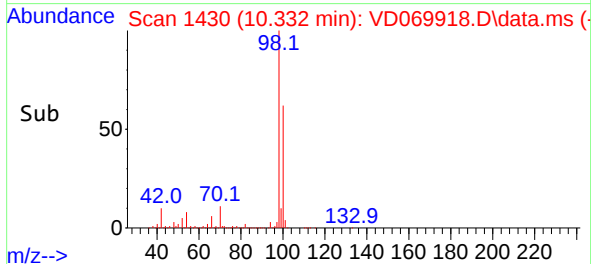
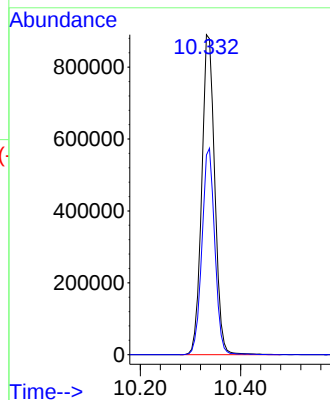
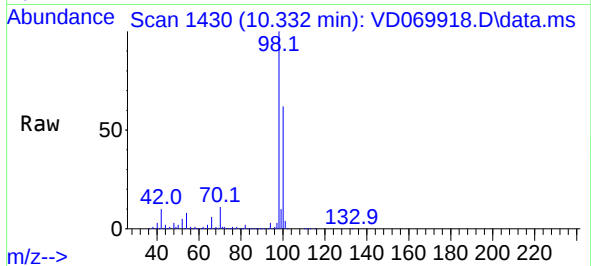




#50
Toluene-d8
Concen: 53.455 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

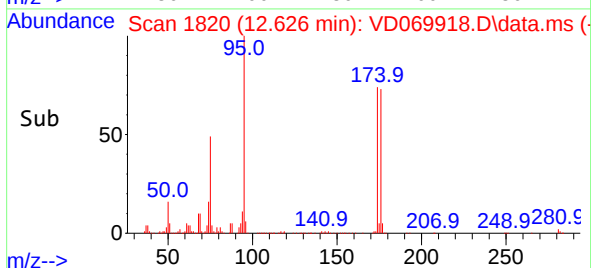
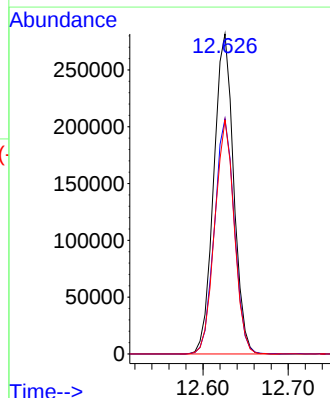
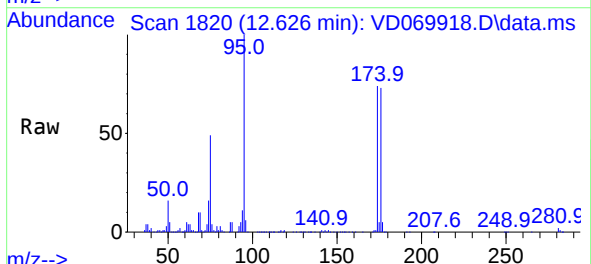
Instrument :
MSVOA_D
ClientSampleId :
MH-458-COMP

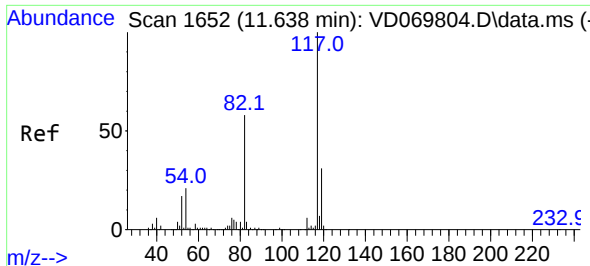
Tgt Ion: 98 Resp: 1601235
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.583 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

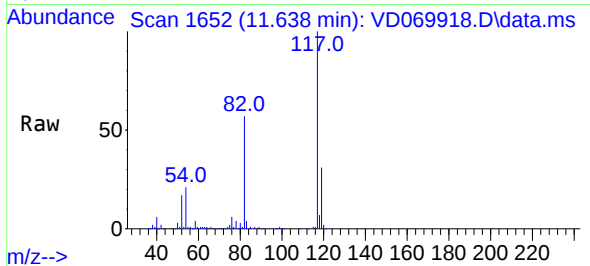
Tgt Ion: 95 Resp: 456330
Ion Ratio Lower Upper
95 100
174 73.5 0.0 142.6
176 71.5 0.0 134.2



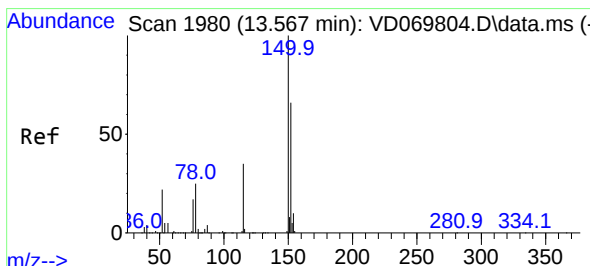
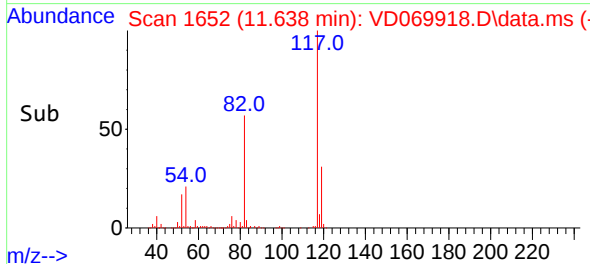
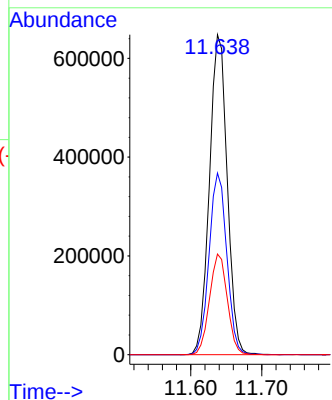


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
MH-458-COMP



Tgt Ion:117 Resp: 1126364
Ion Ratio Lower Upper
117 100
82 56.8 46.3 69.5
119 31.4 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: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion:152 Resp: 451106
Ion Ratio Lower Upper
152 100
115 61.8 31.1 93.3
150 159.0 0.0 343.0

