

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072649.D
 Acq On : 20 Apr 2022 16:08
 Operator : VA/SY
 Sample : N2466-01
 Misc : 4.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB2-041822-0-2

Quant Time: Apr 21 01:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	472565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	839178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	784084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	344620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257800	45.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.914	113	273189	41.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.780%
50) Toluene-d8	10.332	98	1008332	44.480	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.960%
62) 4-Bromofluorobenzene	12.620	95	353659	39.946	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.900%

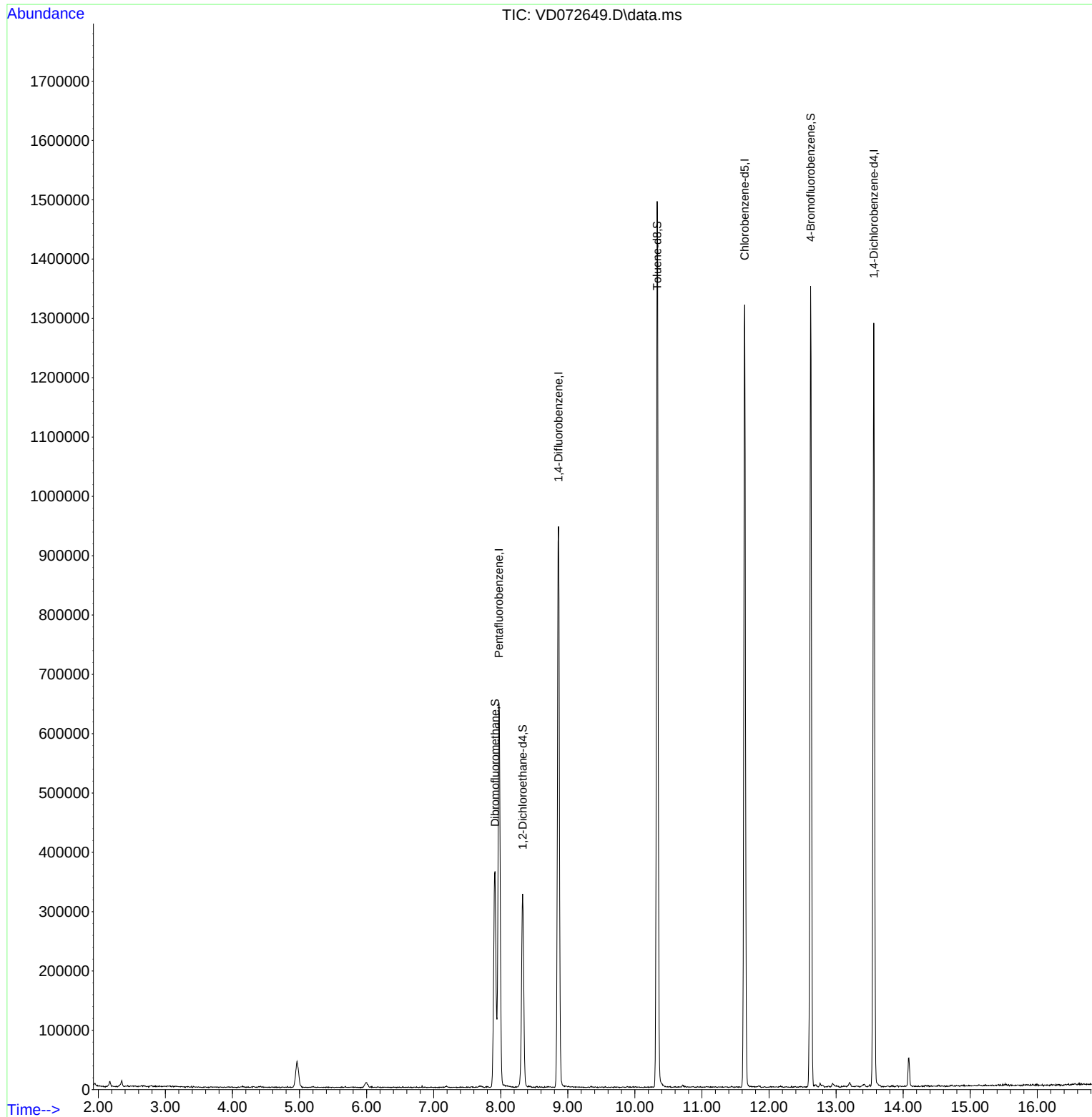
Target Compounds	Qvalue

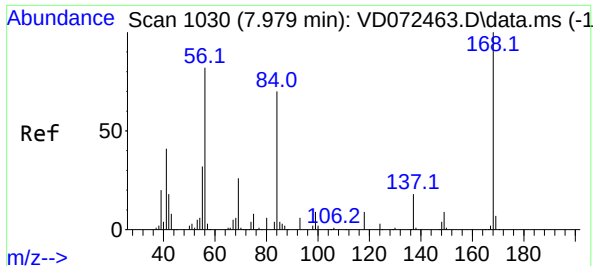
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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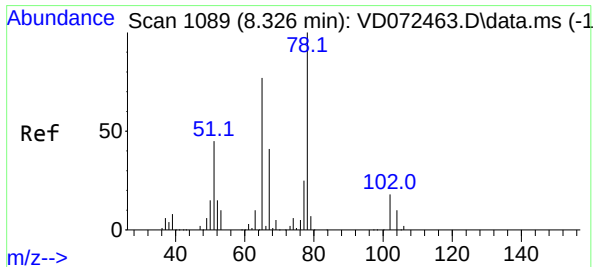
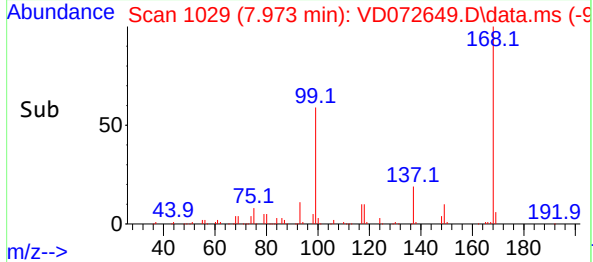
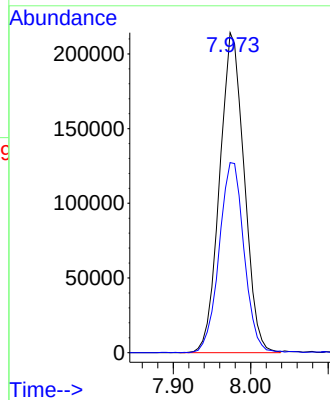
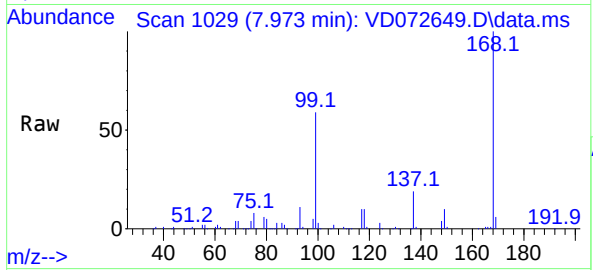




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072649.D
Acq: 20 Apr 2022 16:08

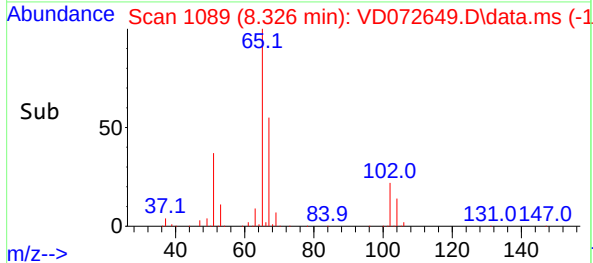
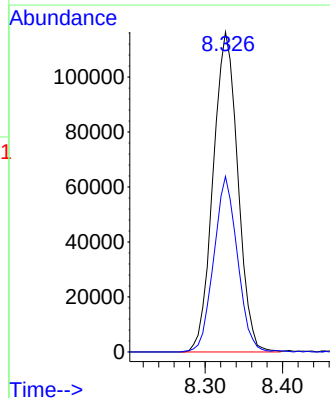
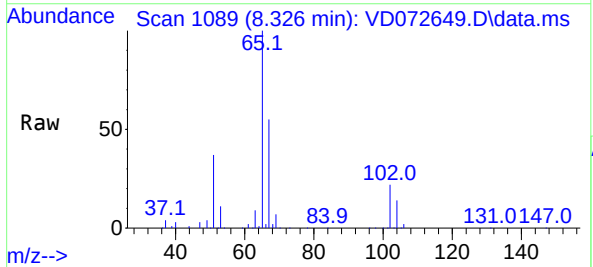
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-0-2

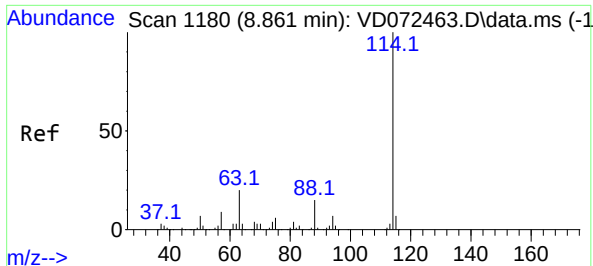
Tgt Ion:168 Resp: 472565
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.097 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072649.D
Acq: 20 Apr 2022 16:08

Tgt Ion: 65 Resp: 257800
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072649.D

Acq: 20 Apr 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB2-041822-0-2

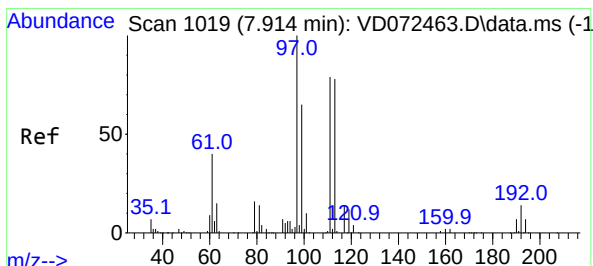
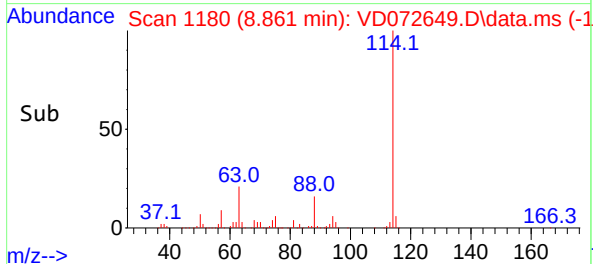
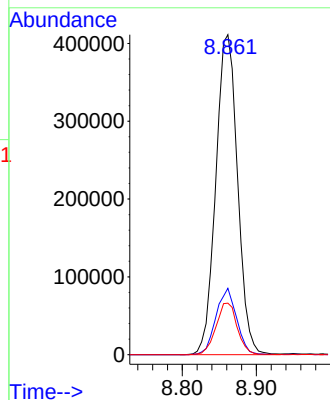
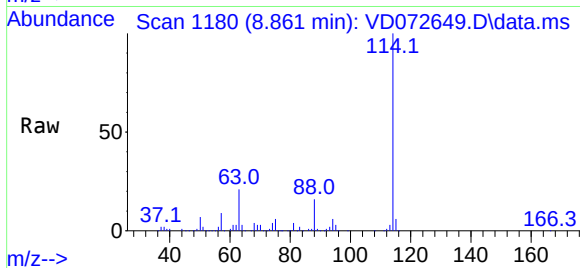
Tgt Ion:114 Resp: 839178

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.890 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072649.D

Acq: 20 Apr 2022 16:08

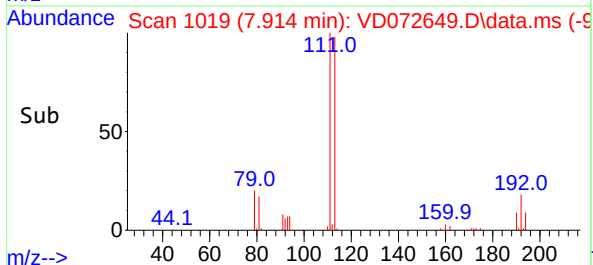
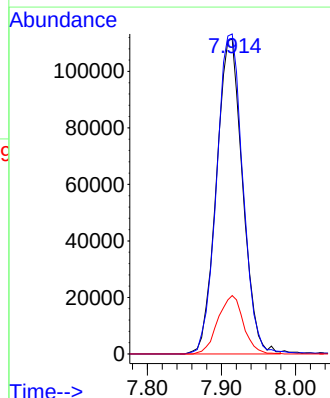
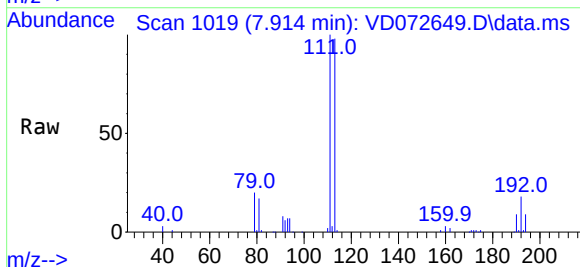
Tgt Ion:113 Resp: 273189

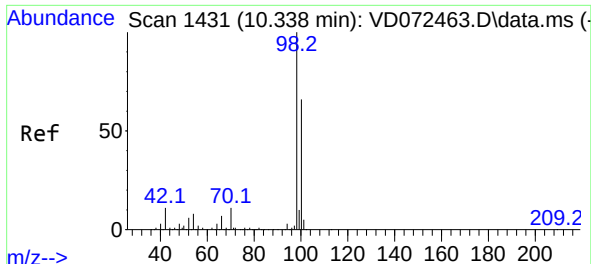
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.1 14.6 21.8

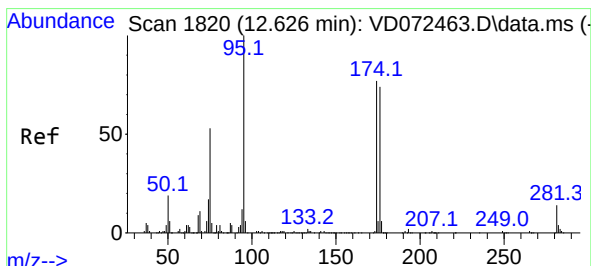
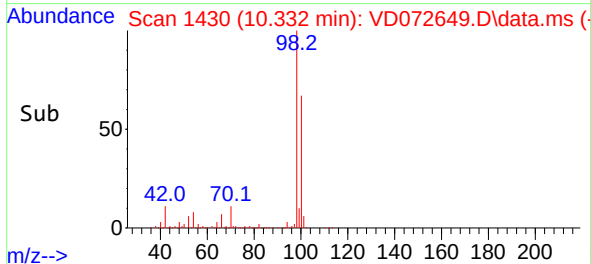
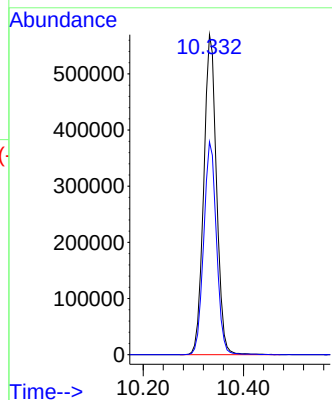
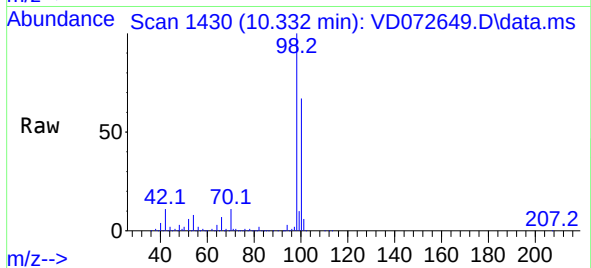




#50
Toluene-d8
Concen: 44.480 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072649.D
Acq: 20 Apr 2022 16:08

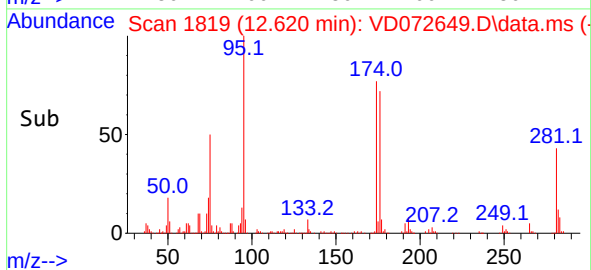
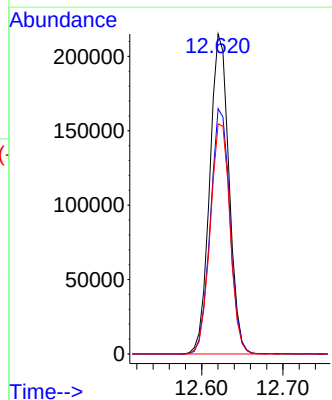
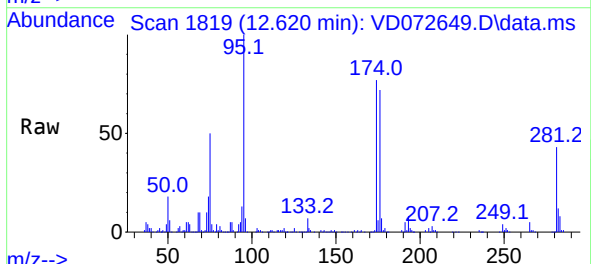
Instrument :
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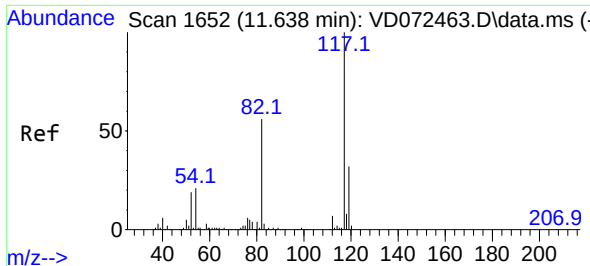
Tgt Ion: 98 Resp: 1008332
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.946 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072649.D
Acq: 20 Apr 2022 16:08

Tgt Ion: 95 Resp: 353659
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 73.8 0.0 145.4

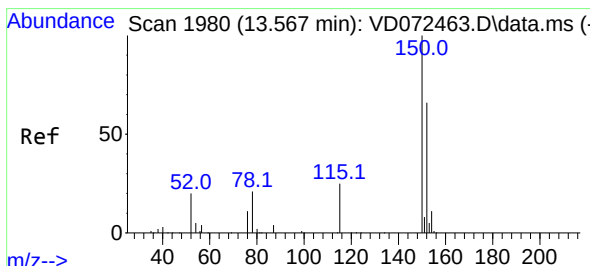
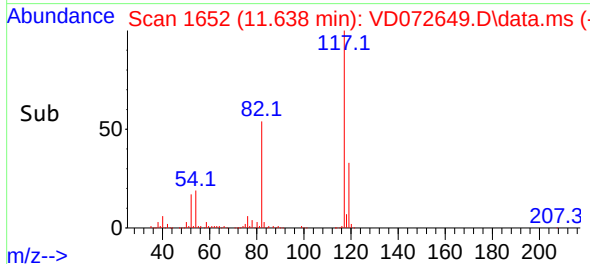
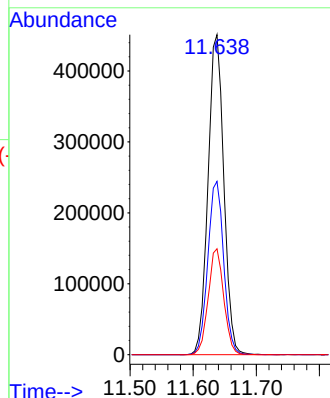
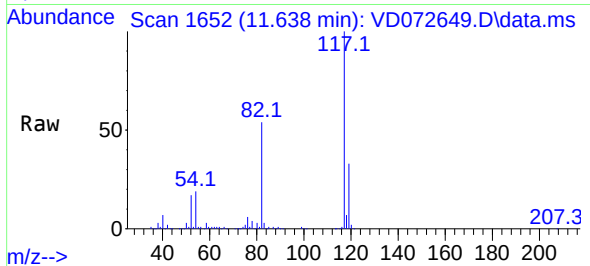




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072649.D
Acq: 20 Apr 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-0-2

Tgt Ion:117 Resp: 784084
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 33.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072649.D
Acq: 20 Apr 2022 16:08

Tgt Ion:152 Resp: 344620
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 156.5 0.0 348.6

