

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071347.D
 Acq On : 15 Dec 2021 17:21
 Operator : VA/SY
 Sample : M5083-10
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB4

Quant Time: Dec 16 04:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	306601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	526539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	618224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	306097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163073	45.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.914	113	165264	49.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.338	98	693668	54.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.620	95	309748	70.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.060%

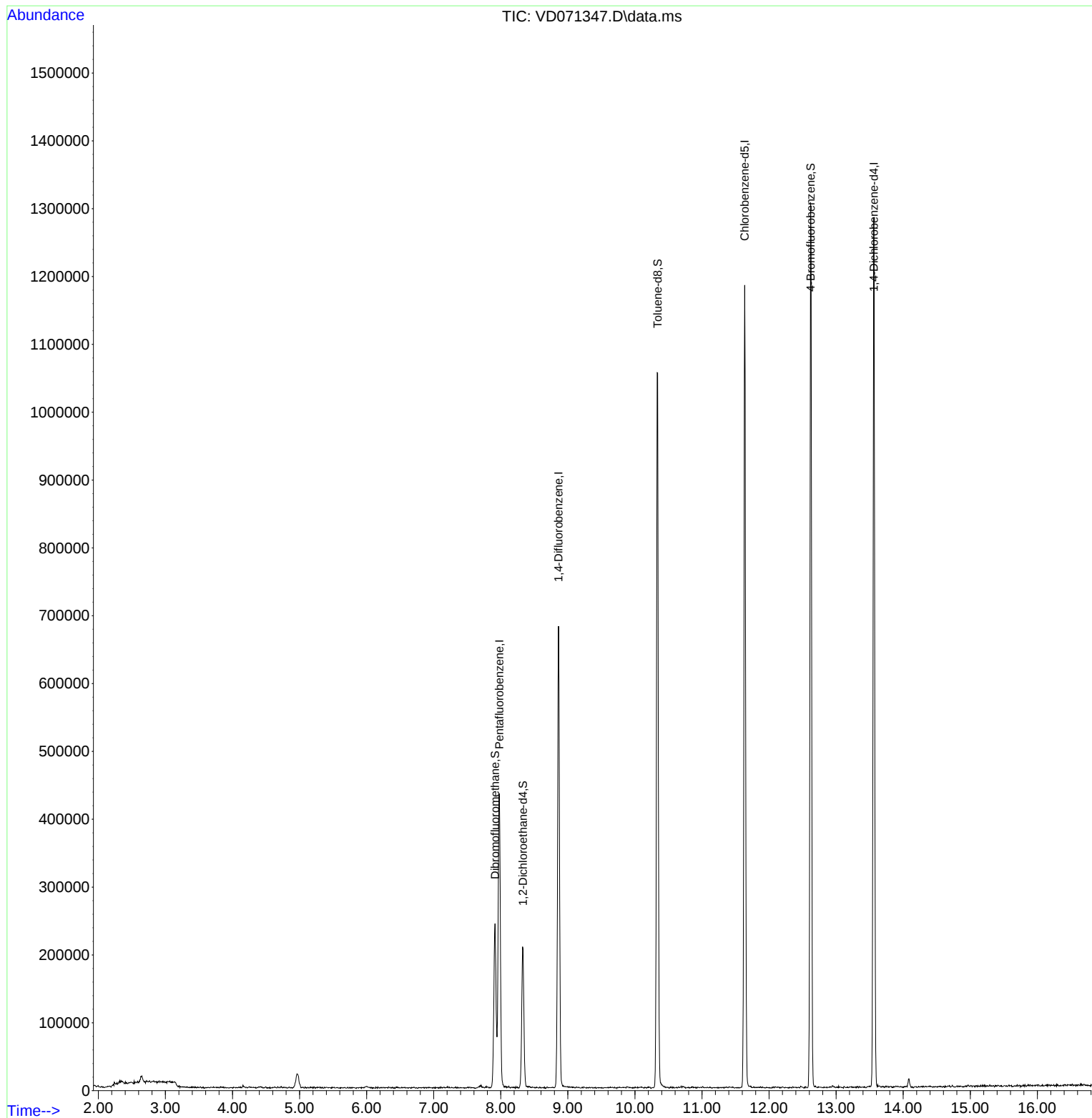
Target Compounds	Qvalue

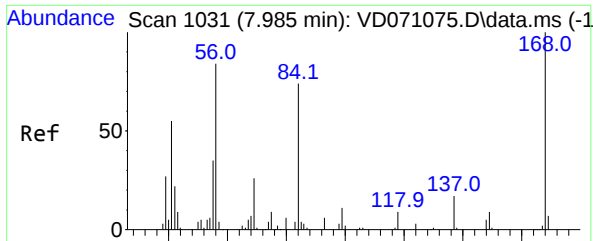
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071347.D

Acq: 15 Dec 2021 17:21

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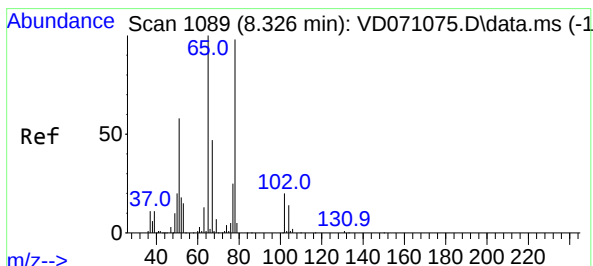
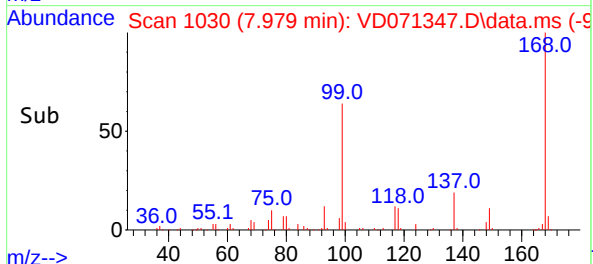
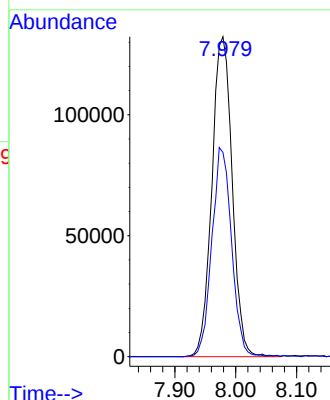
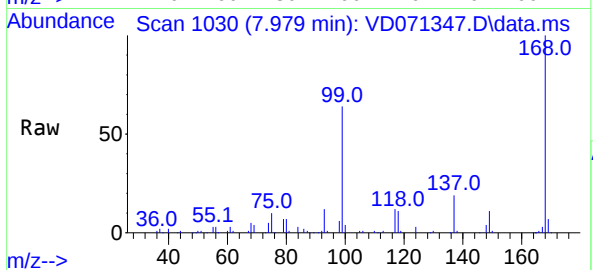
BB4

Tgt Ion:168 Resp: 306601

Ion Ratio Lower Upper

168 100

99 63.8 46.6 69.8



1,2-Dichloroethane-d4

Concen: 45.328 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071347.D

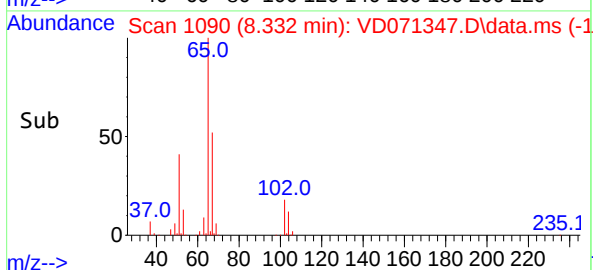
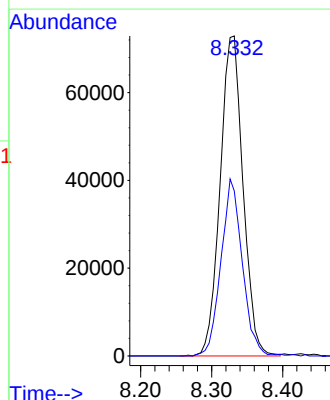
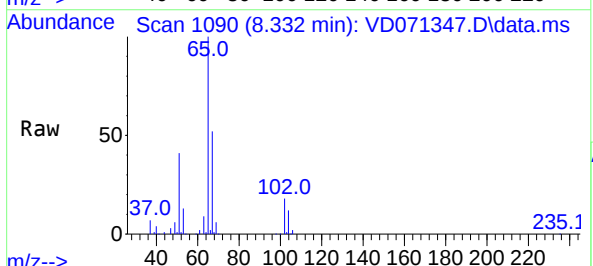
Acq: 15 Dec 2021 17:21

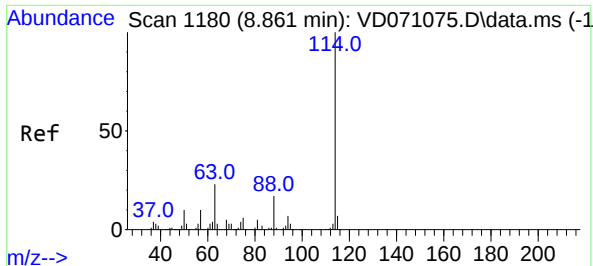
Tgt Ion: 65 Resp: 163073

Ion Ratio Lower Upper

65 100

67 51.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071347.D

Acq: 15 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

BB4

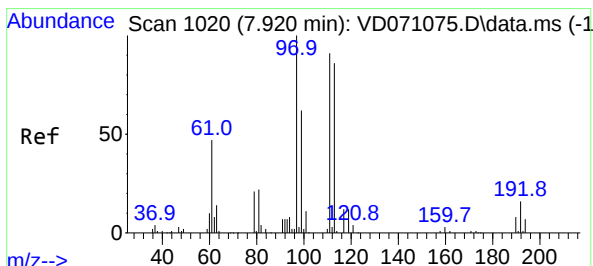
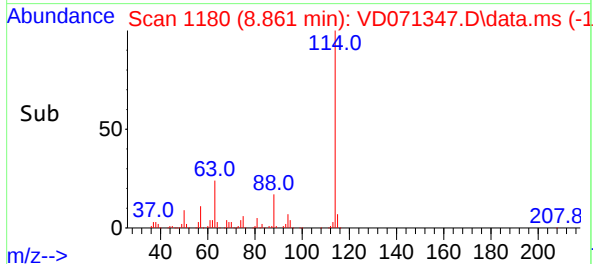
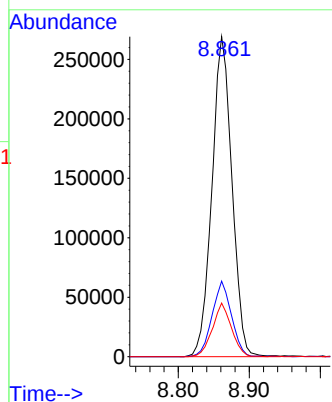
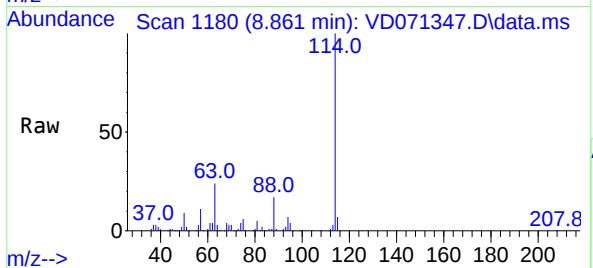
Tgt Ion:114 Resp: 526539

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.289 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071347.D

Acq: 15 Dec 2021 17:21

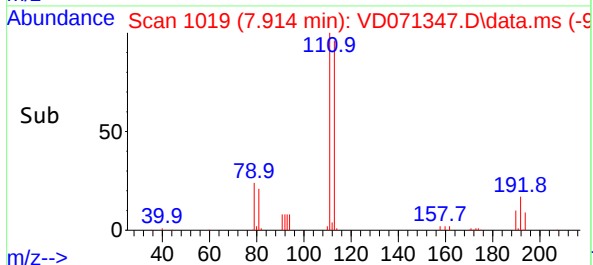
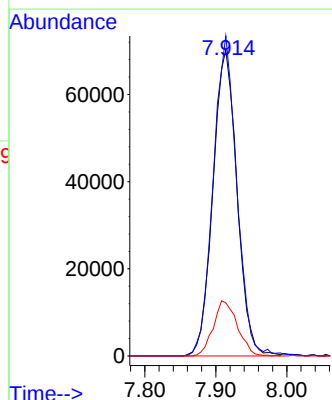
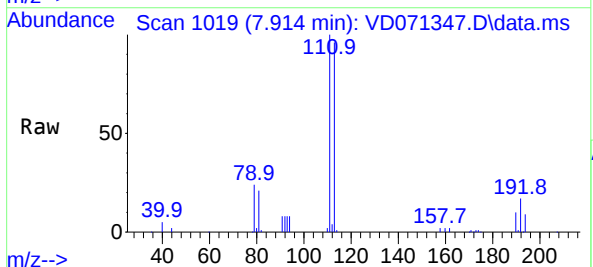
Tgt Ion:113 Resp: 165264

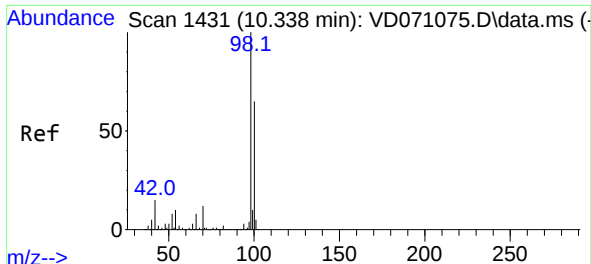
Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 18.1 15.2 22.8

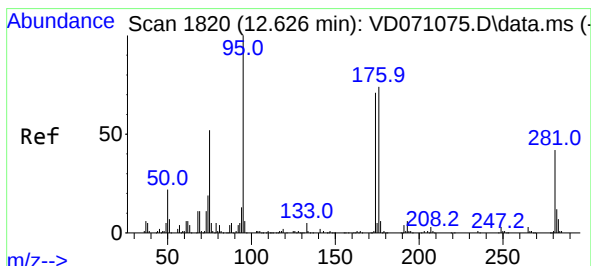
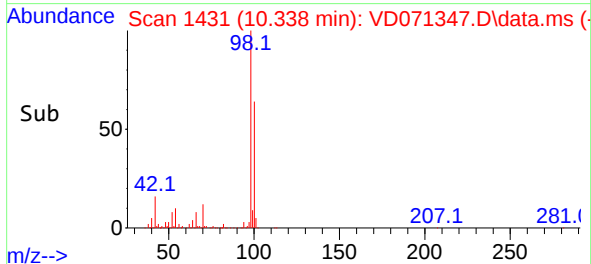
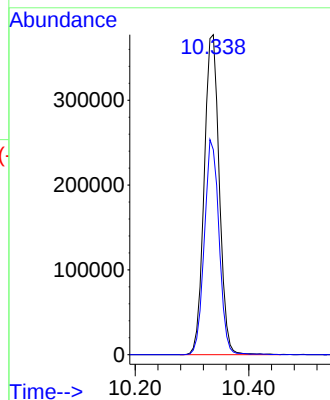
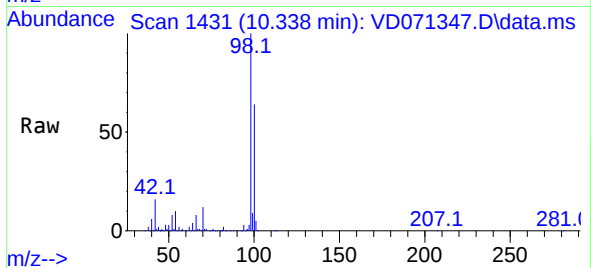




#50
Toluene-d8
Concen: 54.364 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

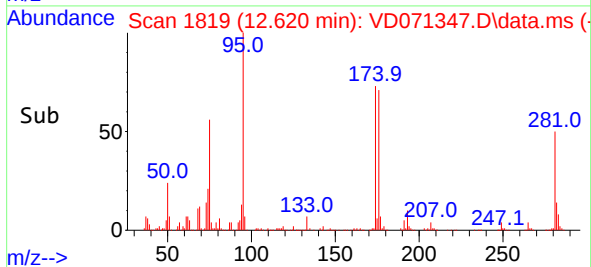
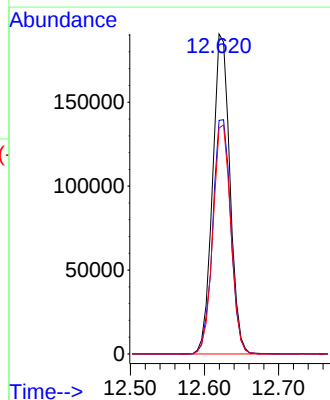
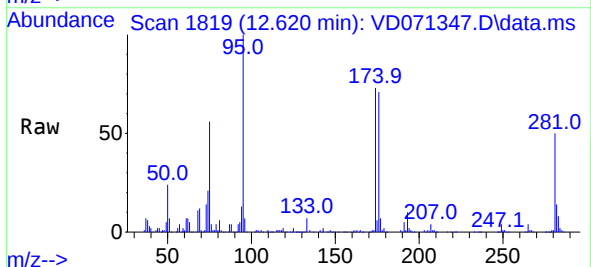
Instrument :
MSVOA_D
ClientSampleId :
BB4

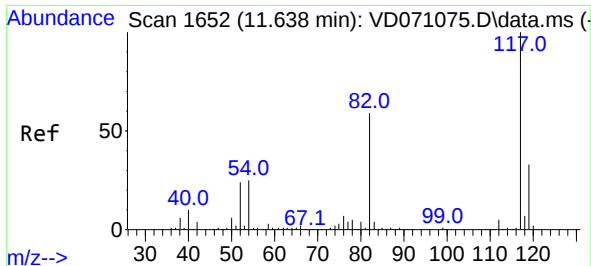
Tgt Ion: 98 Resp: 693668
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 70.032 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Tgt Ion: 95 Resp: 309748
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 73.7 0.0 154.0

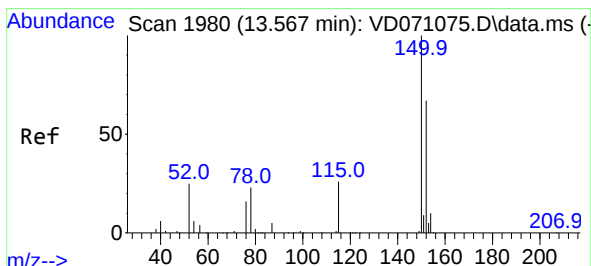
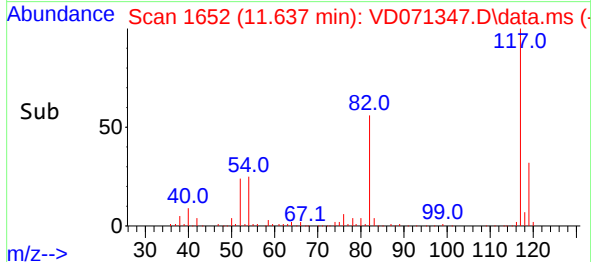
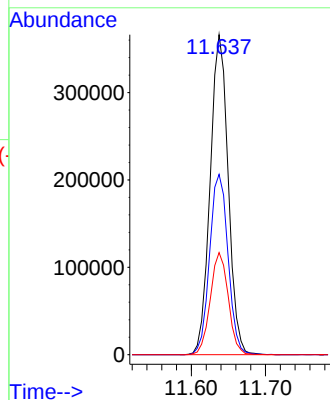
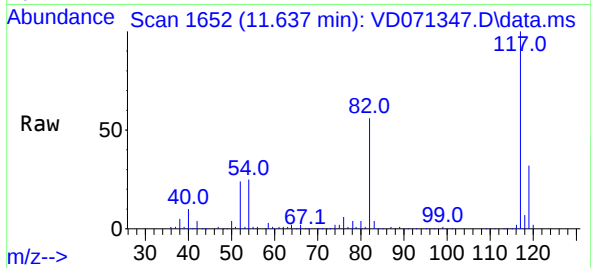




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :
BB4

Tgt Ion:117 Resp: 618224
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Tgt Ion:152 Resp: 306097
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 157.7 0.0 349.2

