

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071157.D
 Acq On : 04 Dec 2021 21:32
 Operator : VA/SY
 Sample : M4927-13
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-14

Quant Time: Dec 06 04:34:38 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	289352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	501921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	533410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	259798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151137	44.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.914	113	153799	48.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.338	98	649157	53.371	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.740%
62) 4-Bromofluorobenzene	12.626	95	257521	61.079	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.160%

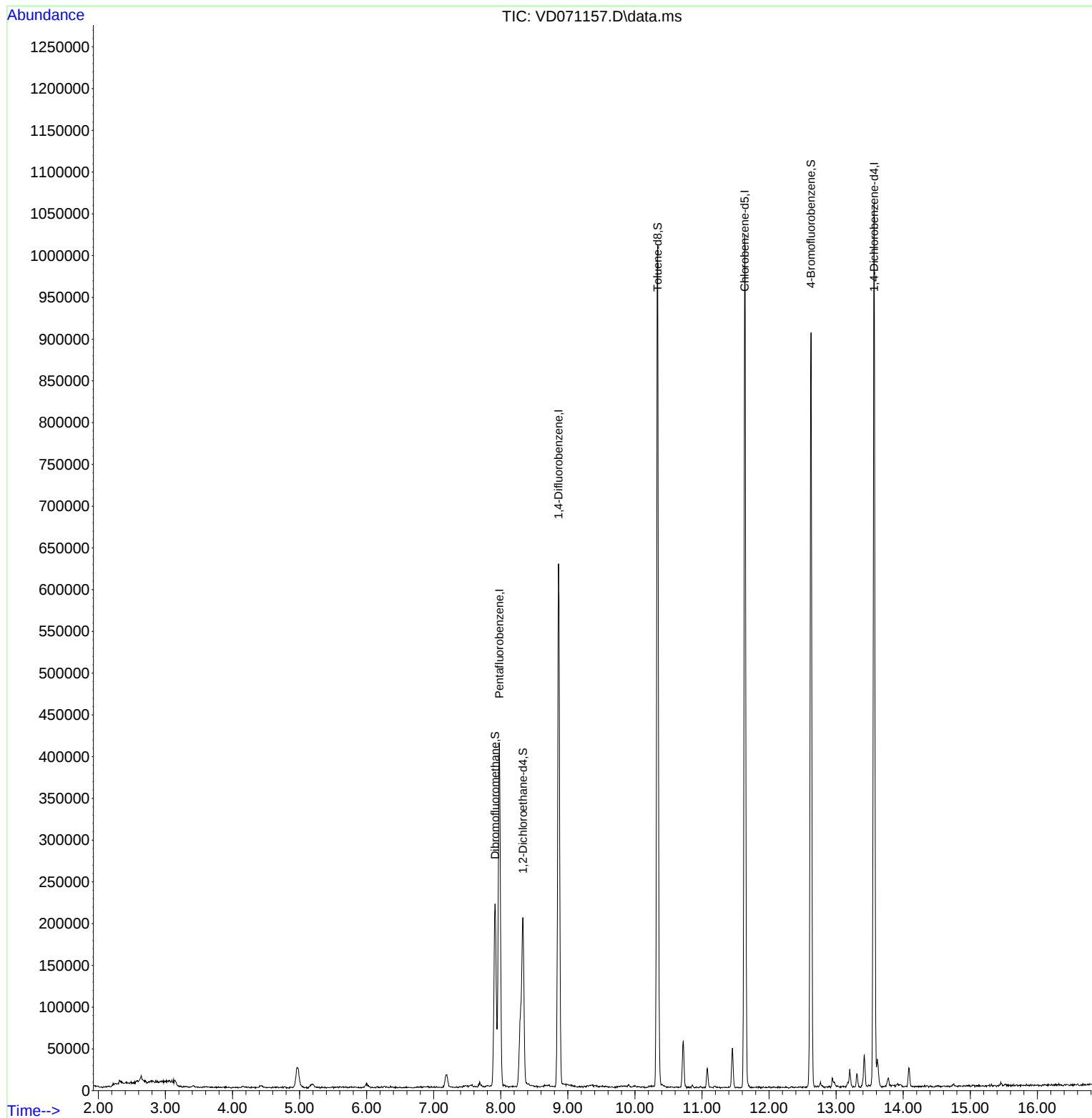
Target Compounds	Qvalue

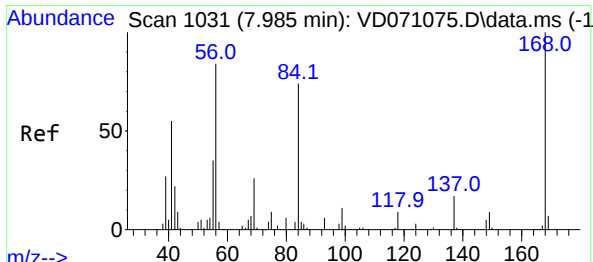
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071157.D

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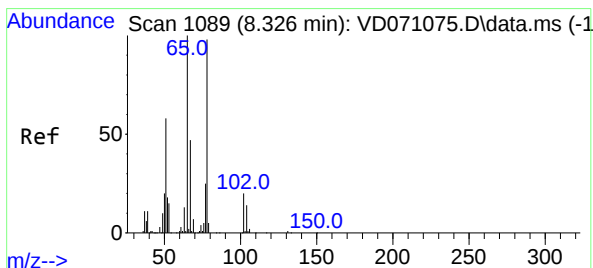
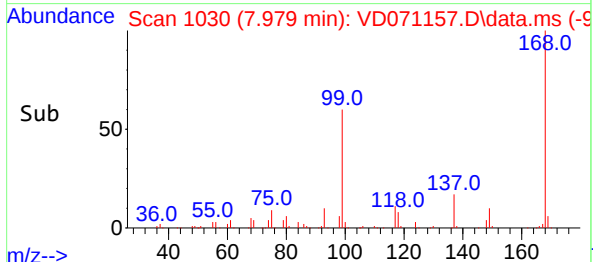
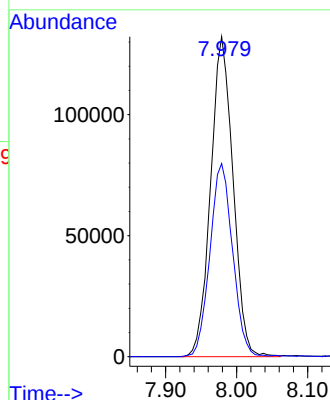
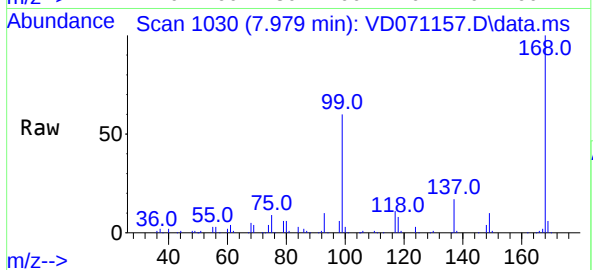
PH1-BOT-14

Tgt Ion:168 Resp: 289352

Ion Ratio Lower Upper

168 100

99 60.3 46.6 69.8



1,2-Dichloroethane-d4

Concen: 44.515 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071157.D

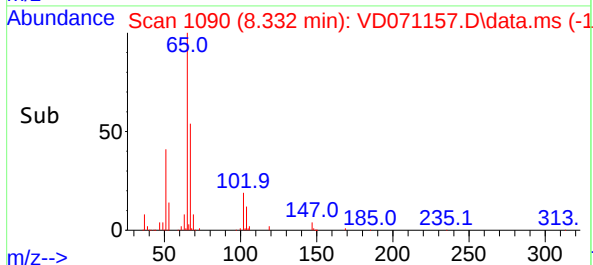
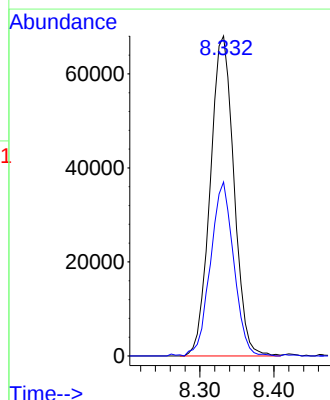
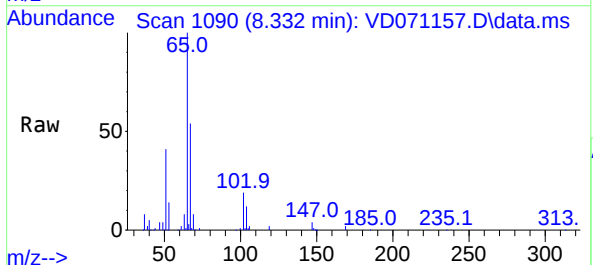
Acq: 04 Dec 2021 21:32

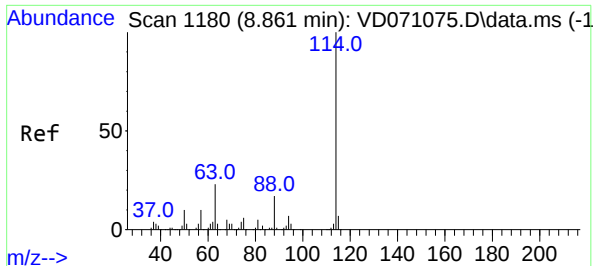
Tgt Ion: 65 Resp: 151137

Ion Ratio Lower Upper

65 100

67 53.4 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: VD071157.D

Acq: 04 Dec 2021 21:32

Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-14

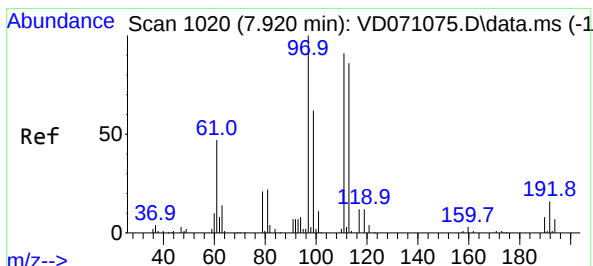
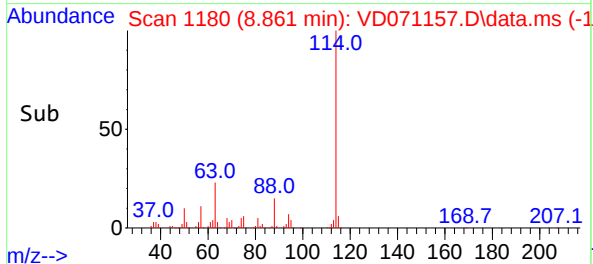
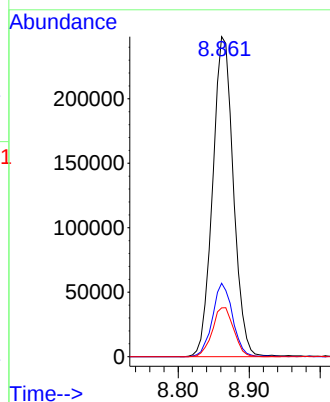
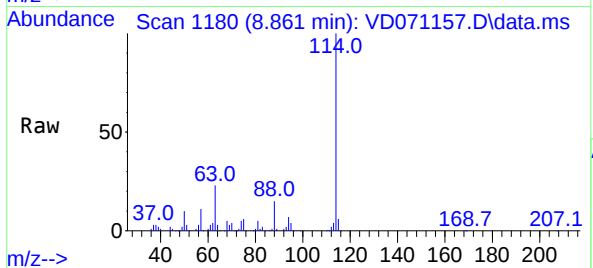
Tgt Ion:114 Resp: 501921

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.120 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071157.D

Acq: 04 Dec 2021 21:32

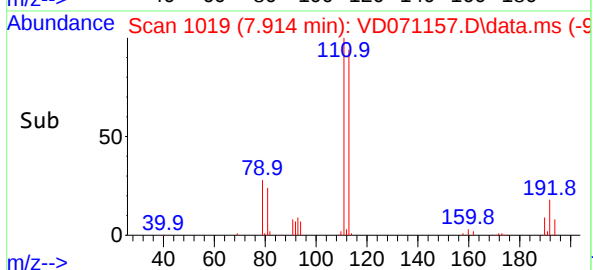
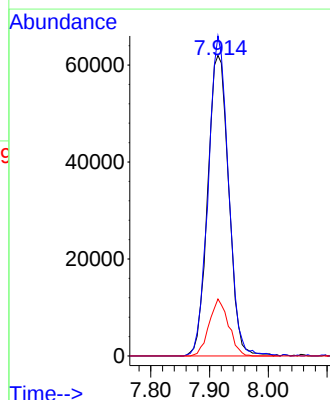
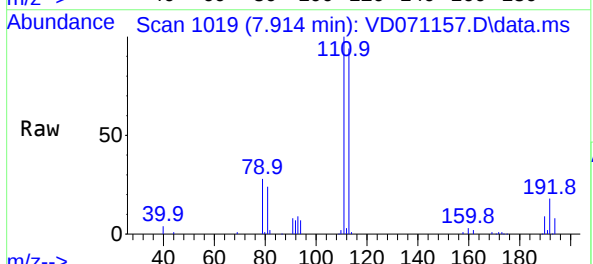
Tgt Ion:113 Resp: 153799

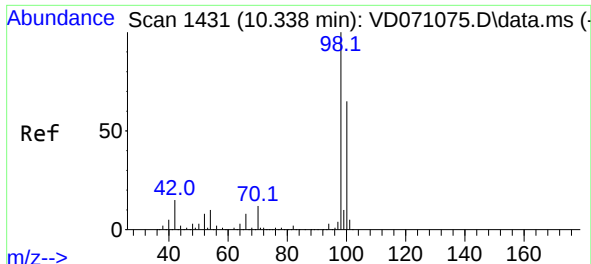
Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 17.5 15.2 22.8

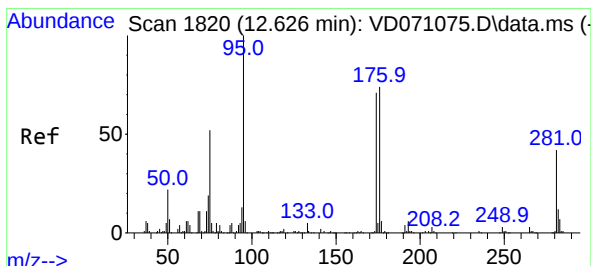
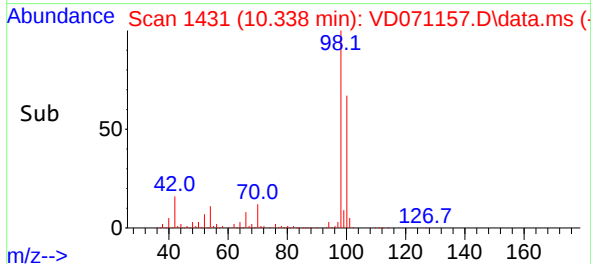
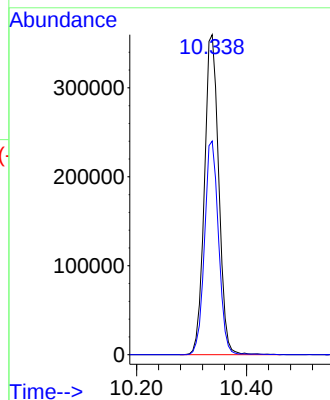
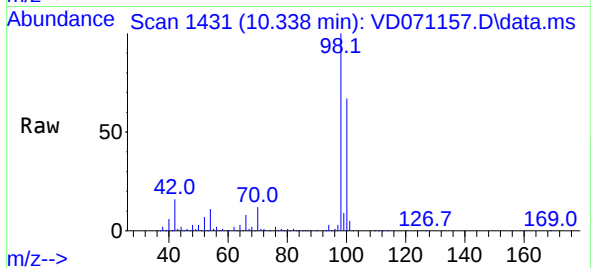




#50
Toluene-d8
Concen: 53.371 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071157.D
Acq: 04 Dec 2021 21:32

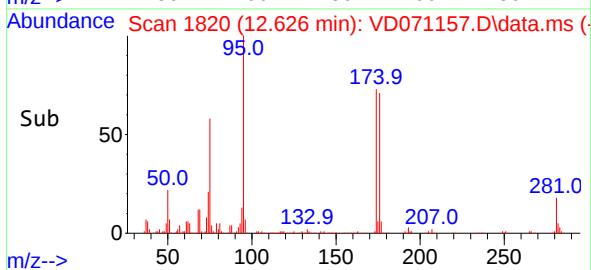
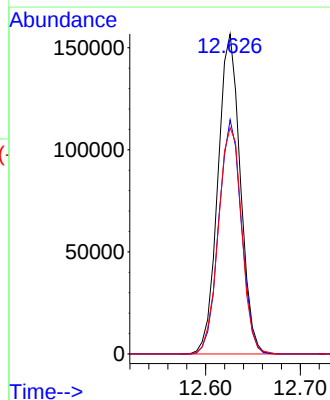
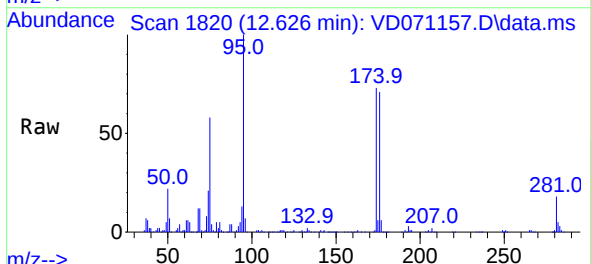
Instrument :
MSVOA_D
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PH1-BOT-14

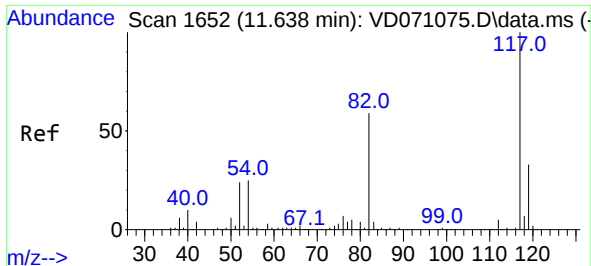
Tgt Ion: 98 Resp: 649157
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.079 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071157.D
Acq: 04 Dec 2021 21:32

Tgt Ion: 95 Resp: 257521
Ion Ratio Lower Upper
95 100
174 73.8 0.0 159.4
176 73.7 0.0 154.0

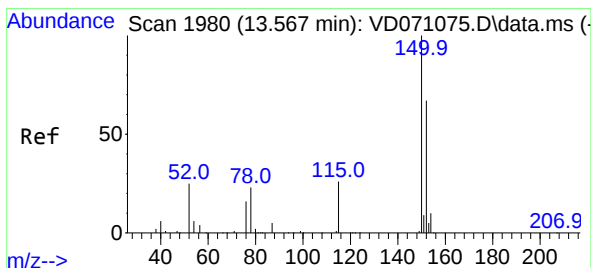
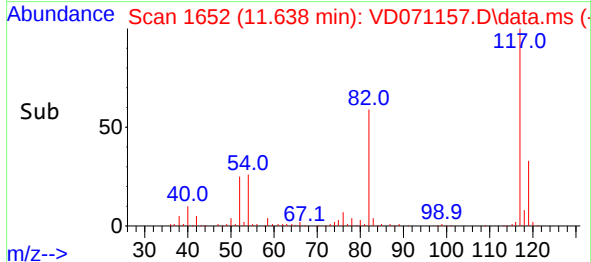
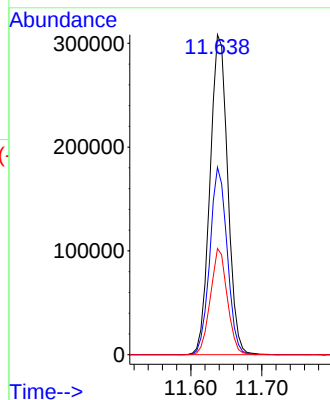
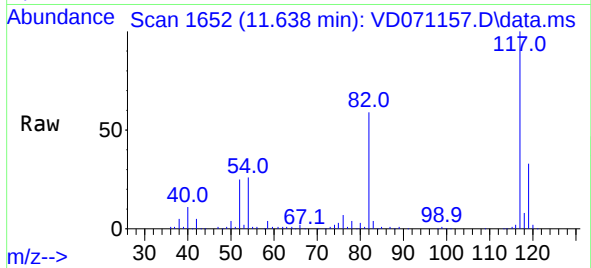




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071157.D
Acq: 04 Dec 2021 21:32

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-14

Tgt Ion:117 Resp: 533410
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 33.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071157.D
Acq: 04 Dec 2021 21:32

Tgt Ion:152 Resp: 259798
Ion Ratio Lower Upper
152 100
115 59.3 29.8 89.3
150 154.7 0.0 349.2

