

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071150.D
 Acq On : 04 Dec 2021 18:17
 Operator : VA/SY
 Sample : M4927-06
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-8

Quant Time: Dec 06 03:44:25 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	286102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	493266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	518150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	236206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151290	45.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.140%
35) Dibromofluoromethane	7.914	113	153662	48.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.337	98	636100	53.215	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.626	95	242117	58.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.860%

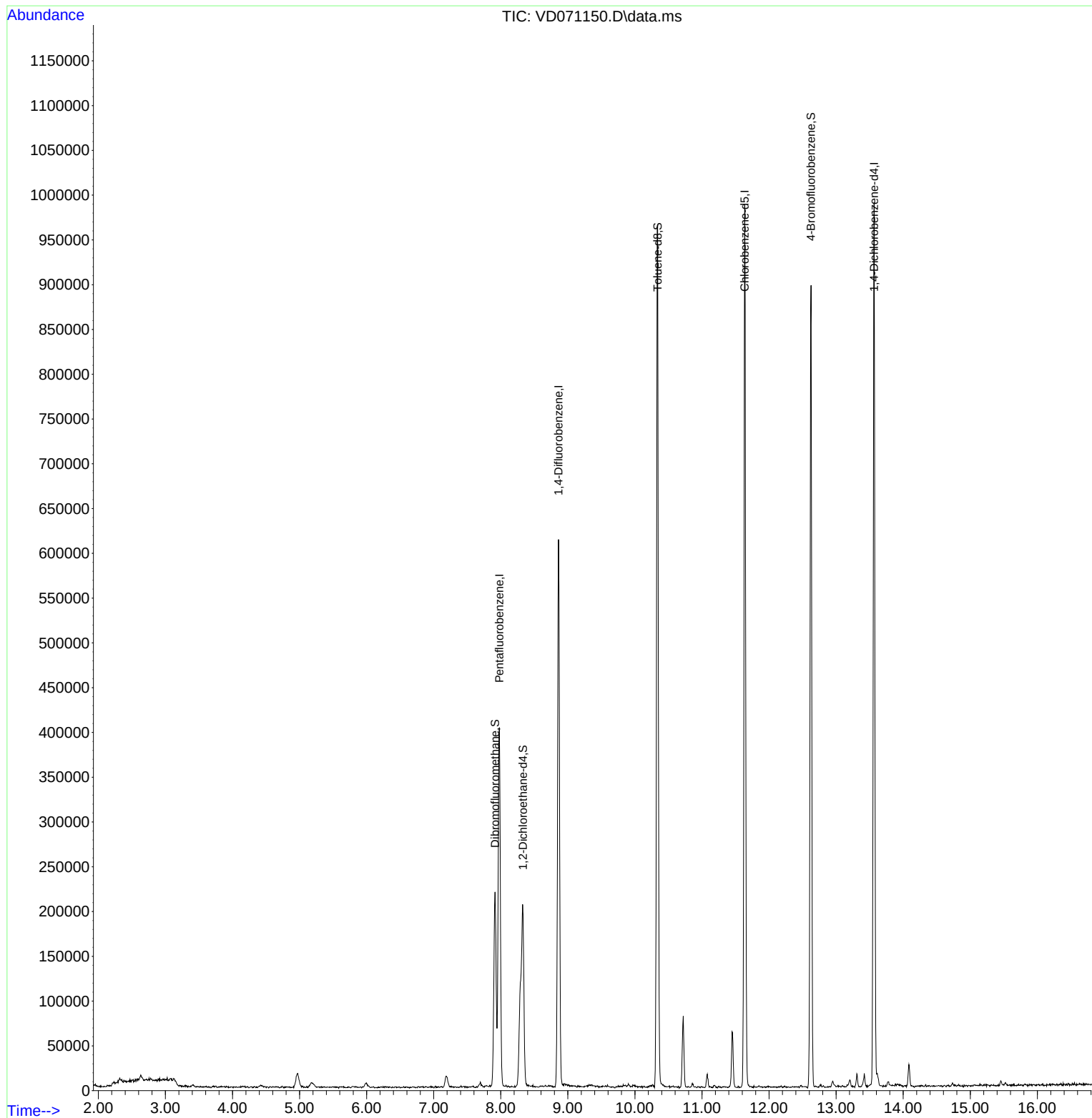
Target Compounds	Qvalue

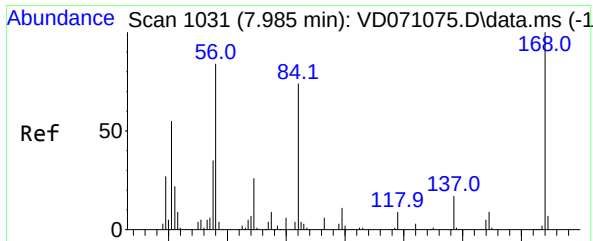
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071150.D

Acq: 04 Dec 2021 18:17

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MSVOA_D

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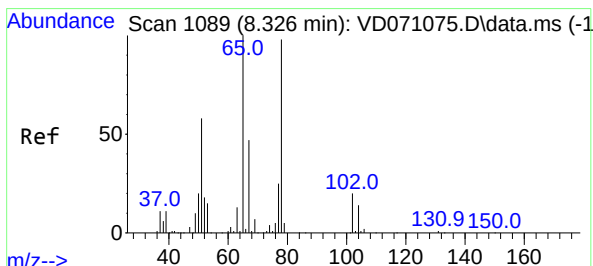
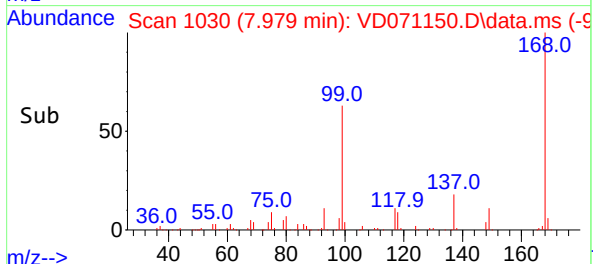
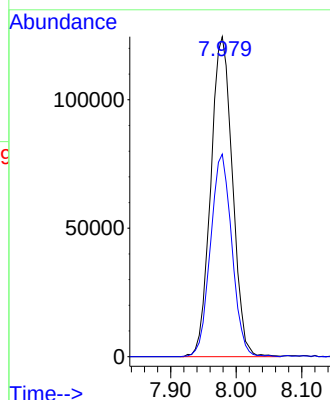
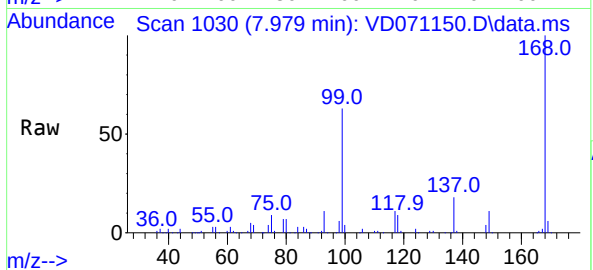
PH1-BOT-8

Tgt Ion:168 Resp: 286102

Ion Ratio Lower Upper

168 100

99 63.3 46.6 69.8



1,2-Dichloroethane-d4

Concen: 45.066 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071150.D

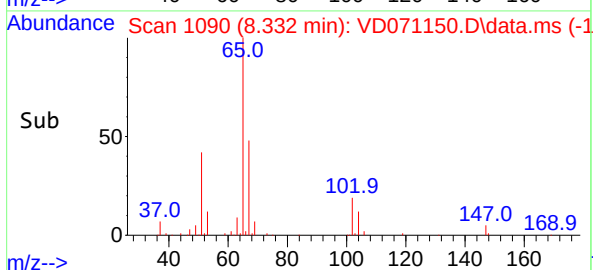
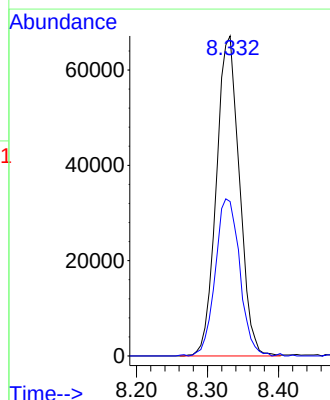
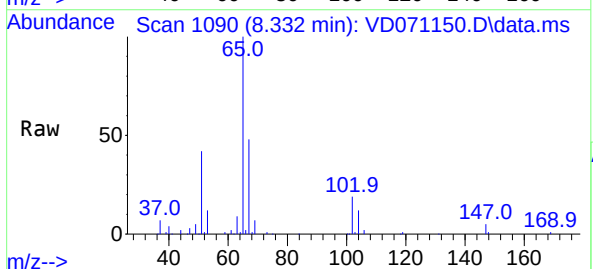
Acq: 04 Dec 2021 18:17

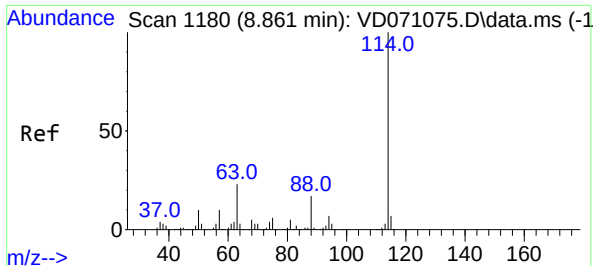
Tgt Ion: 65 Resp: 151290

Ion Ratio Lower Upper

65 100

67 52.1 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: VD071150.D

Acq: 04 Dec 2021 18:17

Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-8

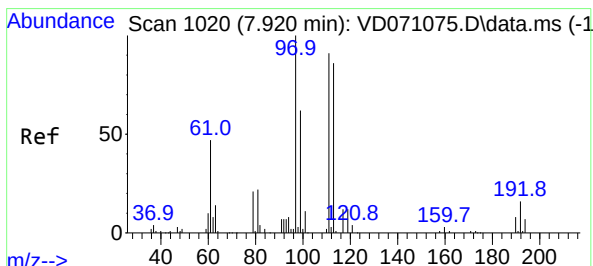
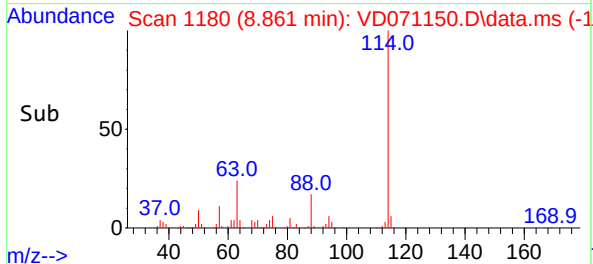
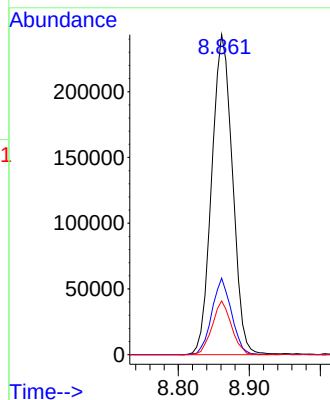
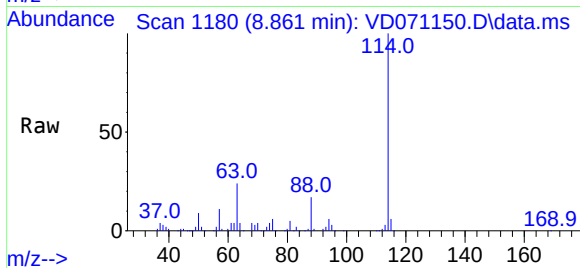
Tgt Ion:114 Resp: 493266

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.920 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071150.D

Acq: 04 Dec 2021 18:17

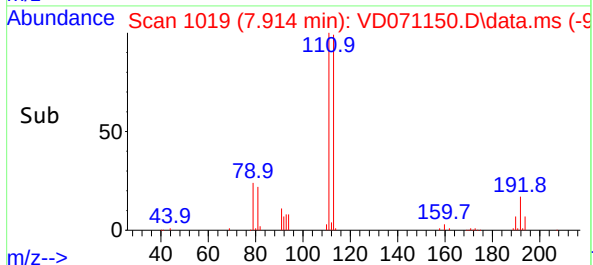
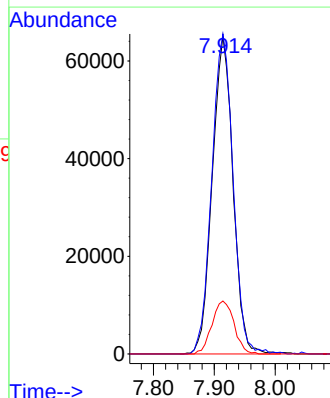
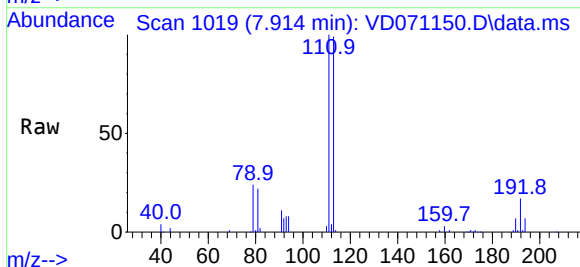
Tgt Ion:113 Resp: 153662

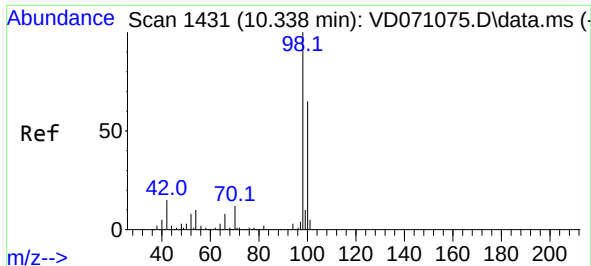
Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

192 17.7 15.2 22.8

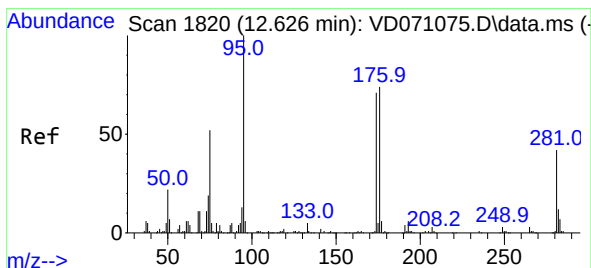
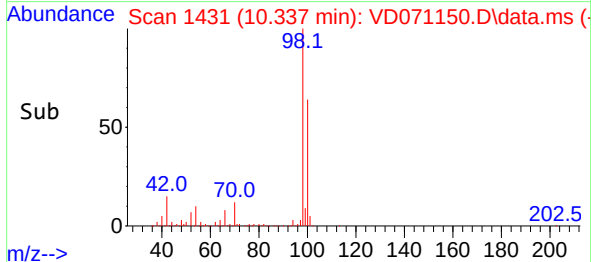
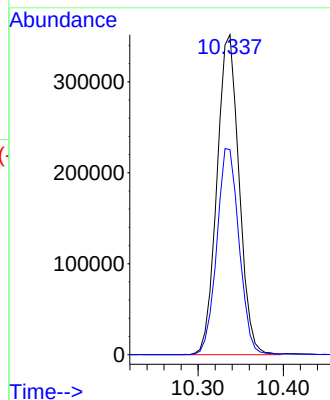
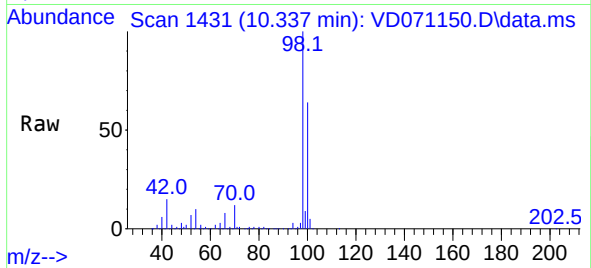




#50
Toluene-d8
Concen: 53.215 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071150.D
Acq: 04 Dec 2021 18:17

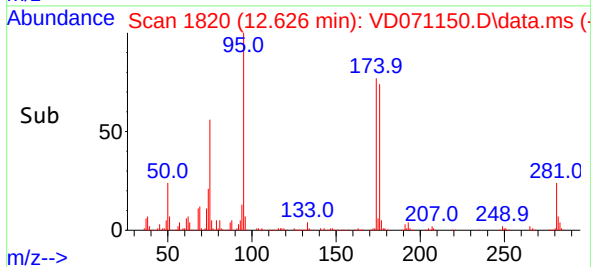
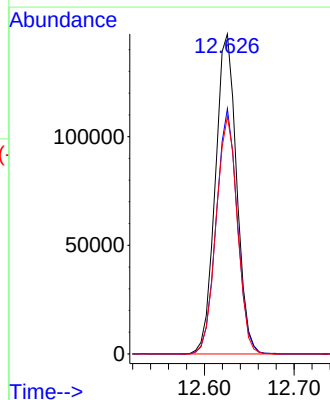
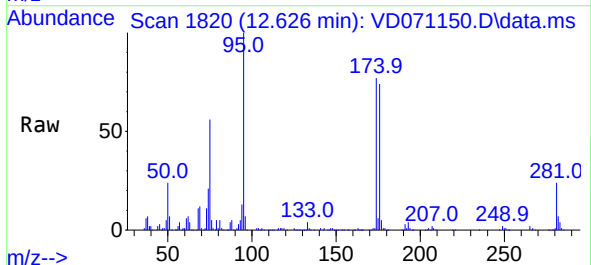
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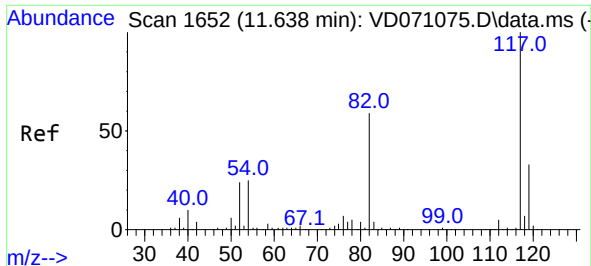
Tgt Ion: 98 Resp: 636100
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.433 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071150.D
Acq: 04 Dec 2021 18:17

Tgt Ion: 95 Resp: 242117
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 74.2 0.0 154.0

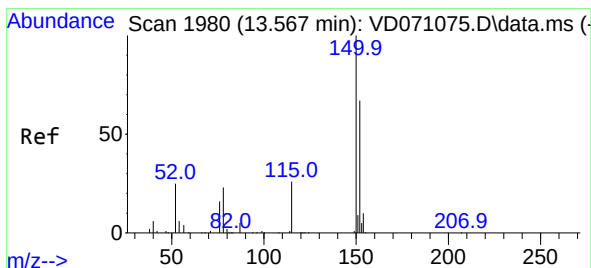
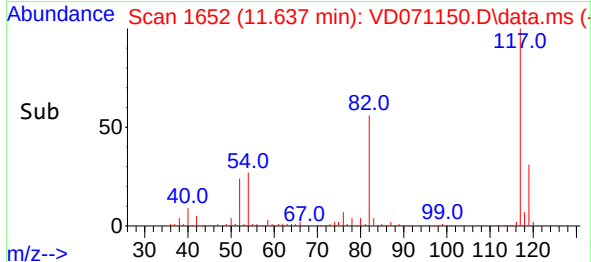
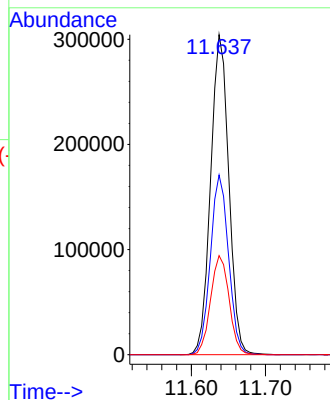
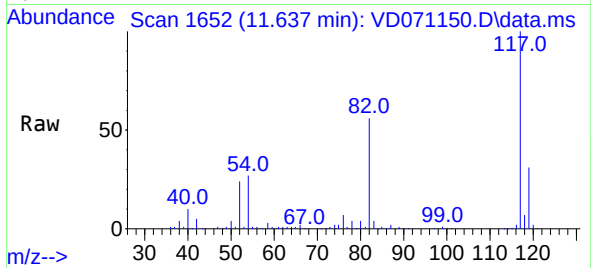




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071150.D
Acq: 04 Dec 2021 18:17

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-8

Tgt Ion:117 Resp: 518150
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 30.9 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: VD071150.D
Acq: 04 Dec 2021 18:17

Tgt Ion:152 Resp: 236206
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 158.1 0.0 349.2

