

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071167.D
 Acq On : 06 Dec 2021 13:09
 Operator : VA/SY
 Sample : M4927-14RE
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-20RE

Quant Time: Dec 07 06:51:54 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	7.973	168	308249	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	519583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	550256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	250178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157950	43.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.340%
35) Dibromofluoromethane	7.914	113	163825	49.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.338	98	671638	53.342	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.680%
62) 4-Bromofluorobenzene	12.626	95	257433	58.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.960%

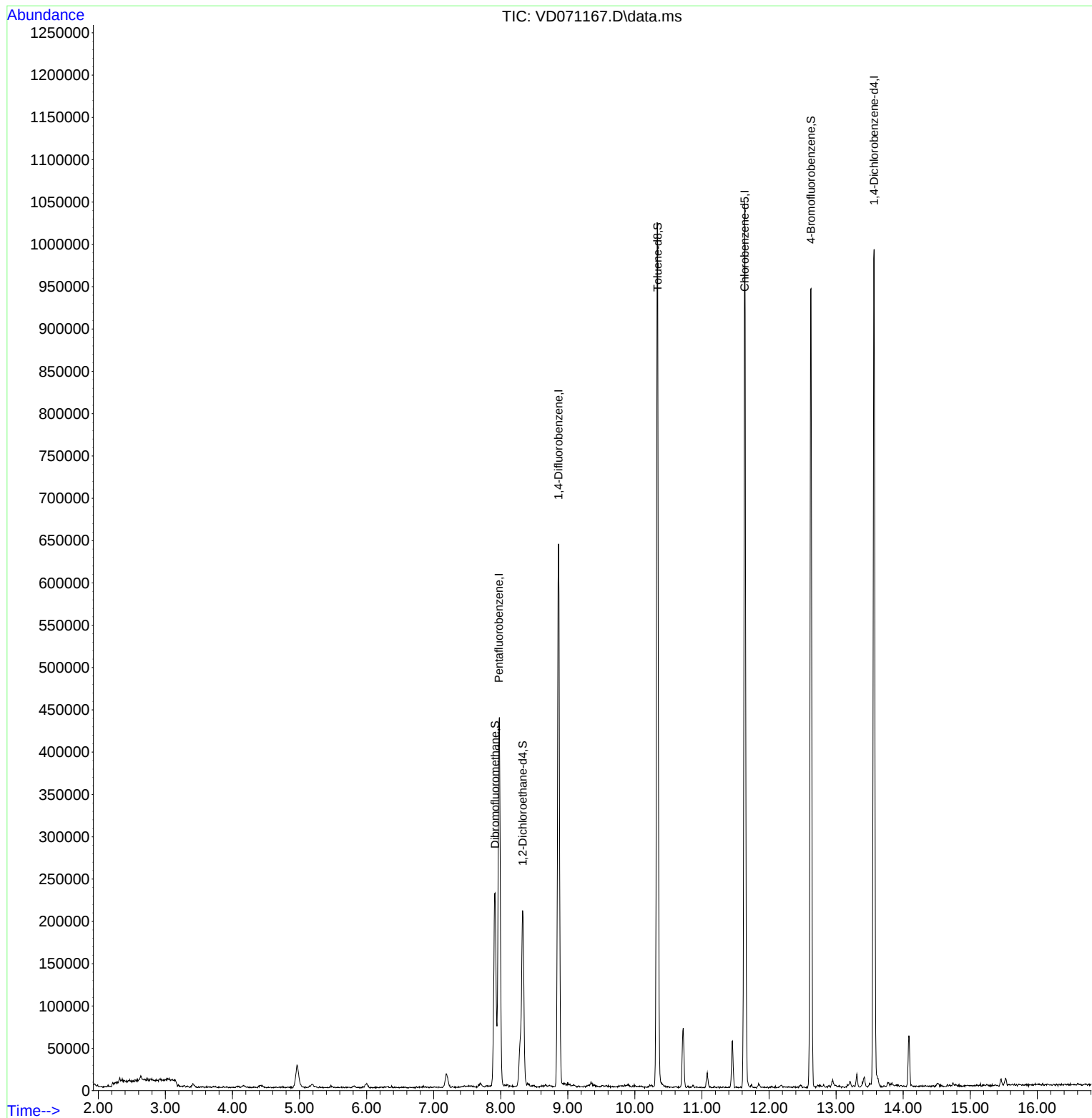
Target Compounds	Qvalue

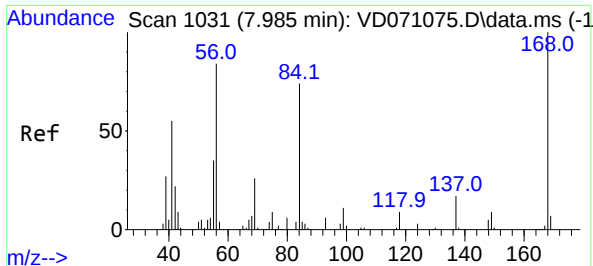
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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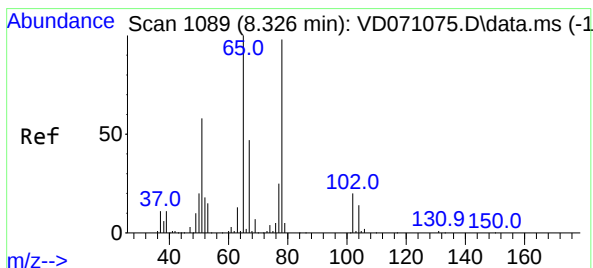
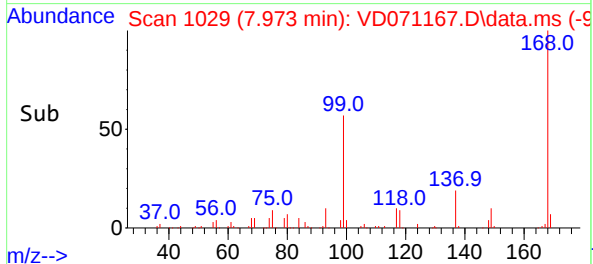
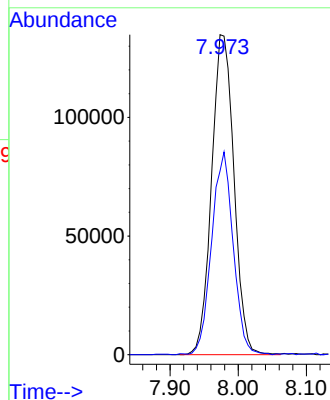
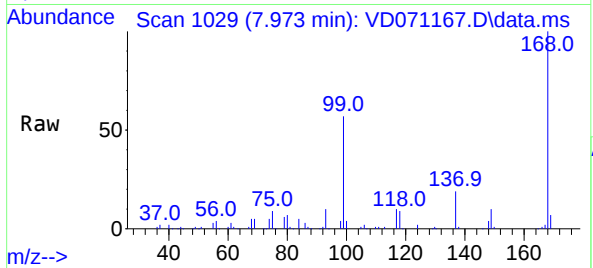




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071167.D
Acq: 06 Dec 2021 13:09

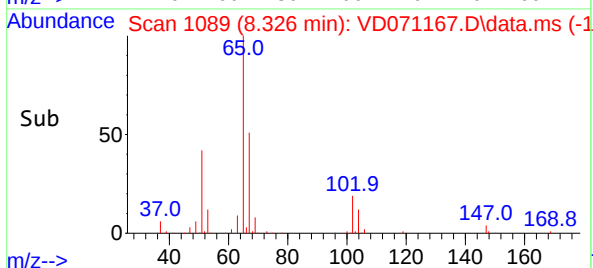
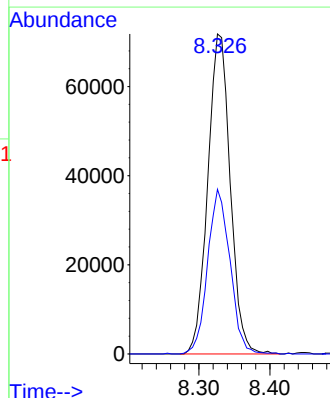
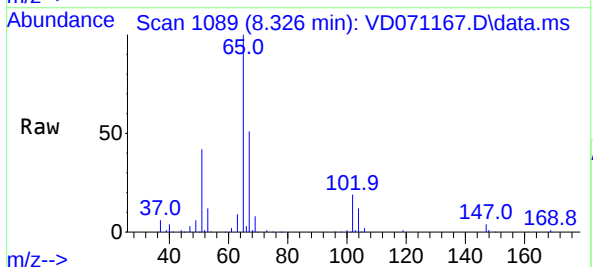
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-20RE

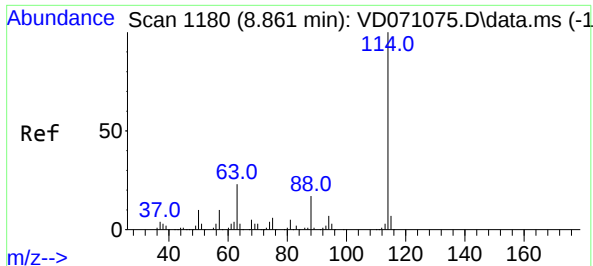
Tgt Ion:168 Resp: 308249
Ion Ratio Lower Upper
168 100
99 57.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 43.669 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071167.D
Acq: 06 Dec 2021 13:09

Tgt Ion: 65 Resp: 157950
Ion Ratio Lower Upper
65 100
67 51.2 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: VD071167.D

Acq: 06 Dec 2021 13:09

Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-20RE

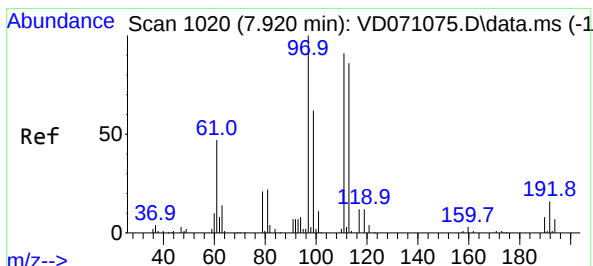
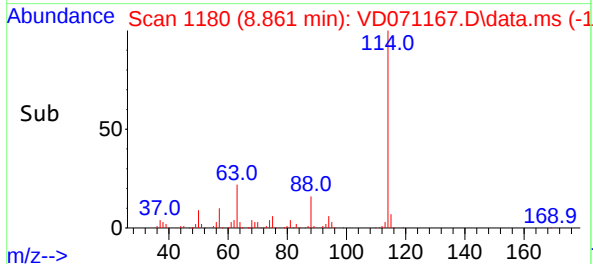
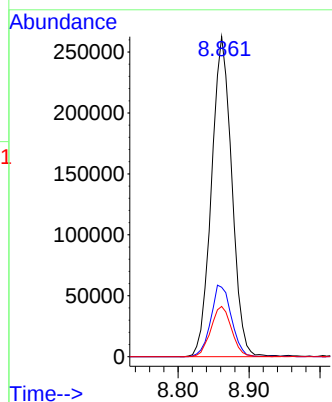
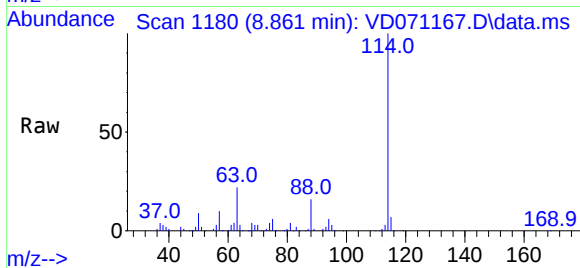
Tgt Ion:114 Resp: 519583

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.514 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071167.D

Acq: 06 Dec 2021 13:09

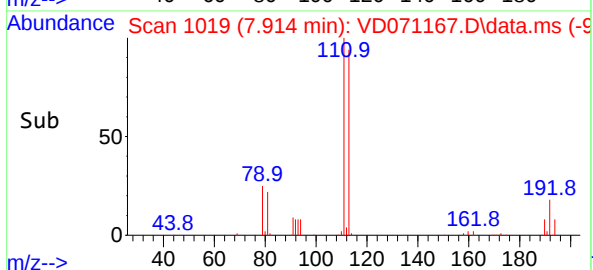
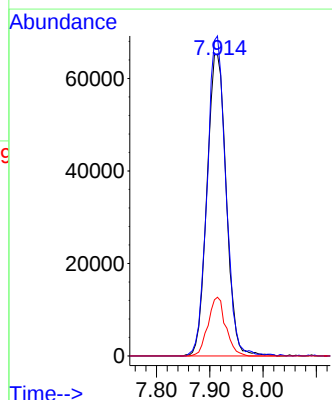
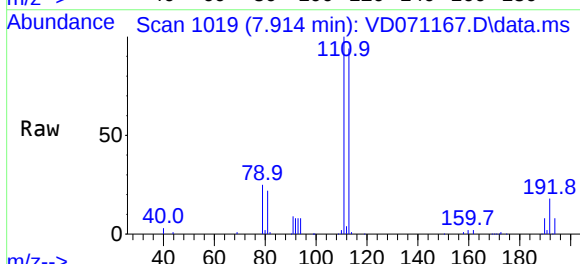
Tgt Ion:113 Resp: 163825

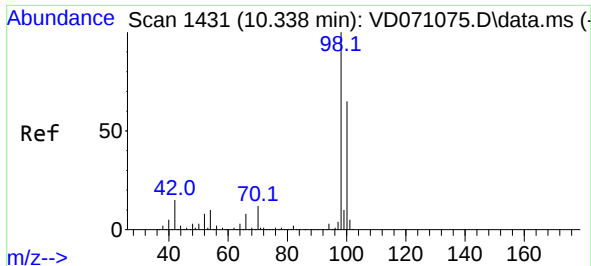
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 17.9 15.2 22.8

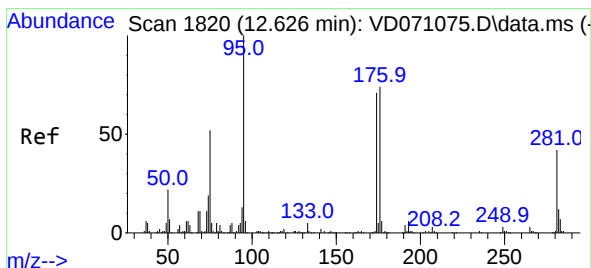
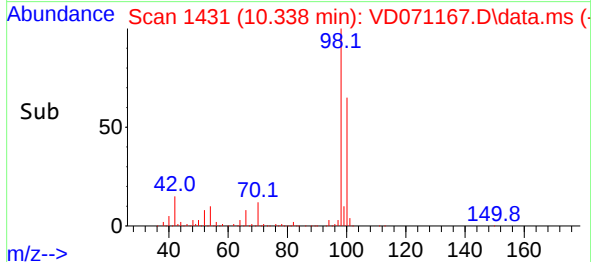
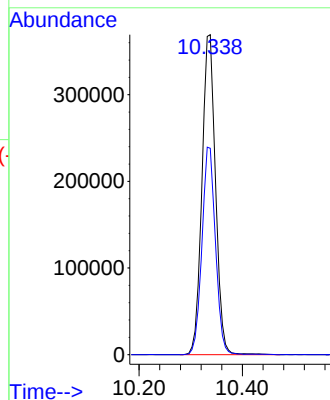
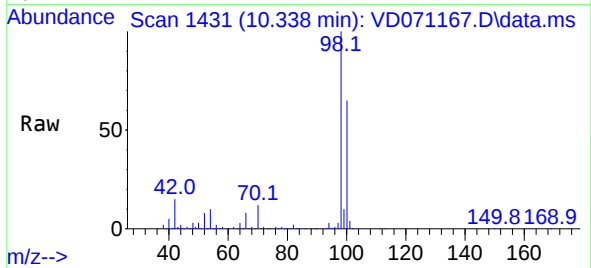




#50
Toluene-d8
Concen: 53.342 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071167.D
Acq: 06 Dec 2021 13:09

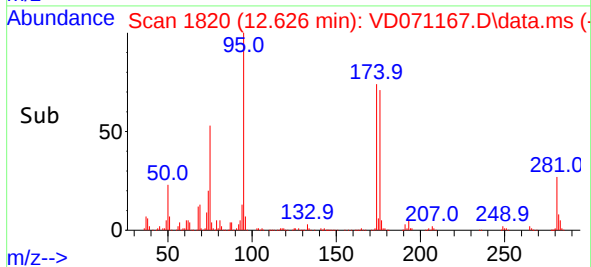
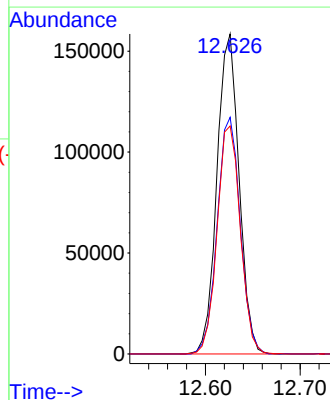
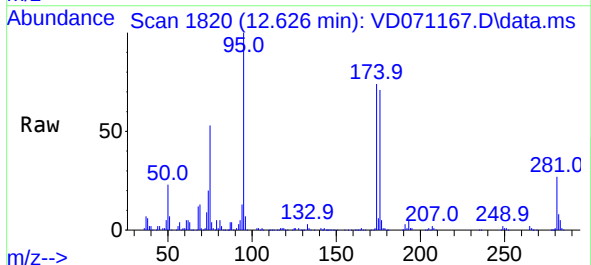
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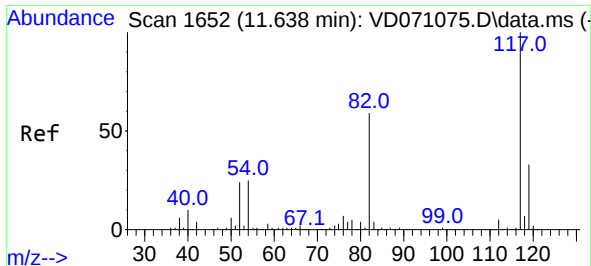
Tgt Ion: 98 Resp: 671638
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.983 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071167.D
Acq: 06 Dec 2021 13:09

Tgt Ion: 95 Resp: 257433
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 74.6 0.0 154.0

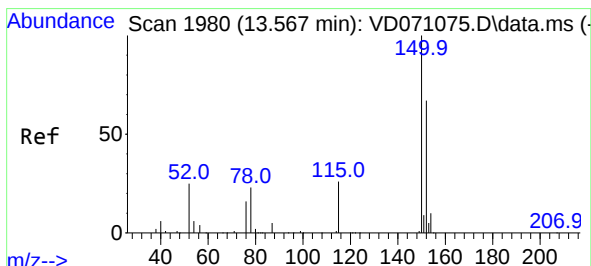
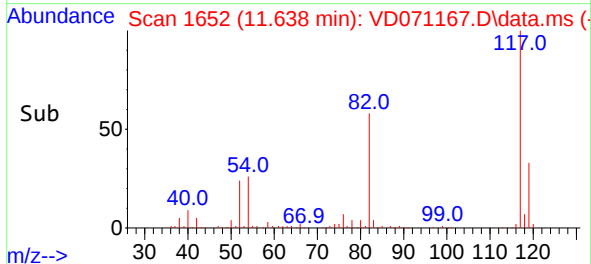
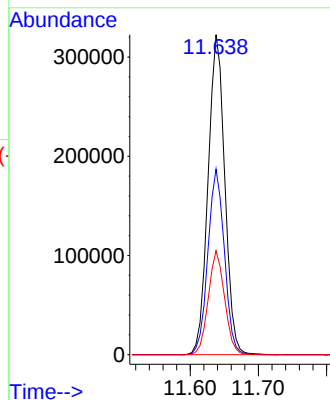
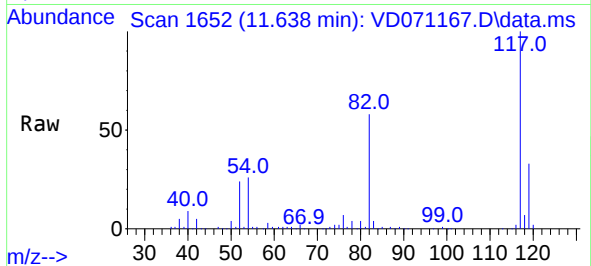




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071167.D
Acq: 06 Dec 2021 13:09

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-20RE

Tgt Ion:117 Resp: 550256
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 32.5 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: VD071167.D
Acq: 06 Dec 2021 13:09

Tgt Ion:152 Resp: 250178
Ion Ratio Lower Upper
152 100
115 59.9 29.8 89.3
150 158.7 0.0 349.2

