

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071149.D
 Acq On : 04 Dec 2021 17:49
 Operator : VA/SY
 Sample : M4927-05
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-7

Quant Time: Dec 06 03:44:15 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	299329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	520521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	545821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	260218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157440	44.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.660%
35) Dibromofluoromethane	7.914	113	159421	48.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.200%
50) Toluene-d8	10.338	98	663559	52.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.626	95	263705	60.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.620%

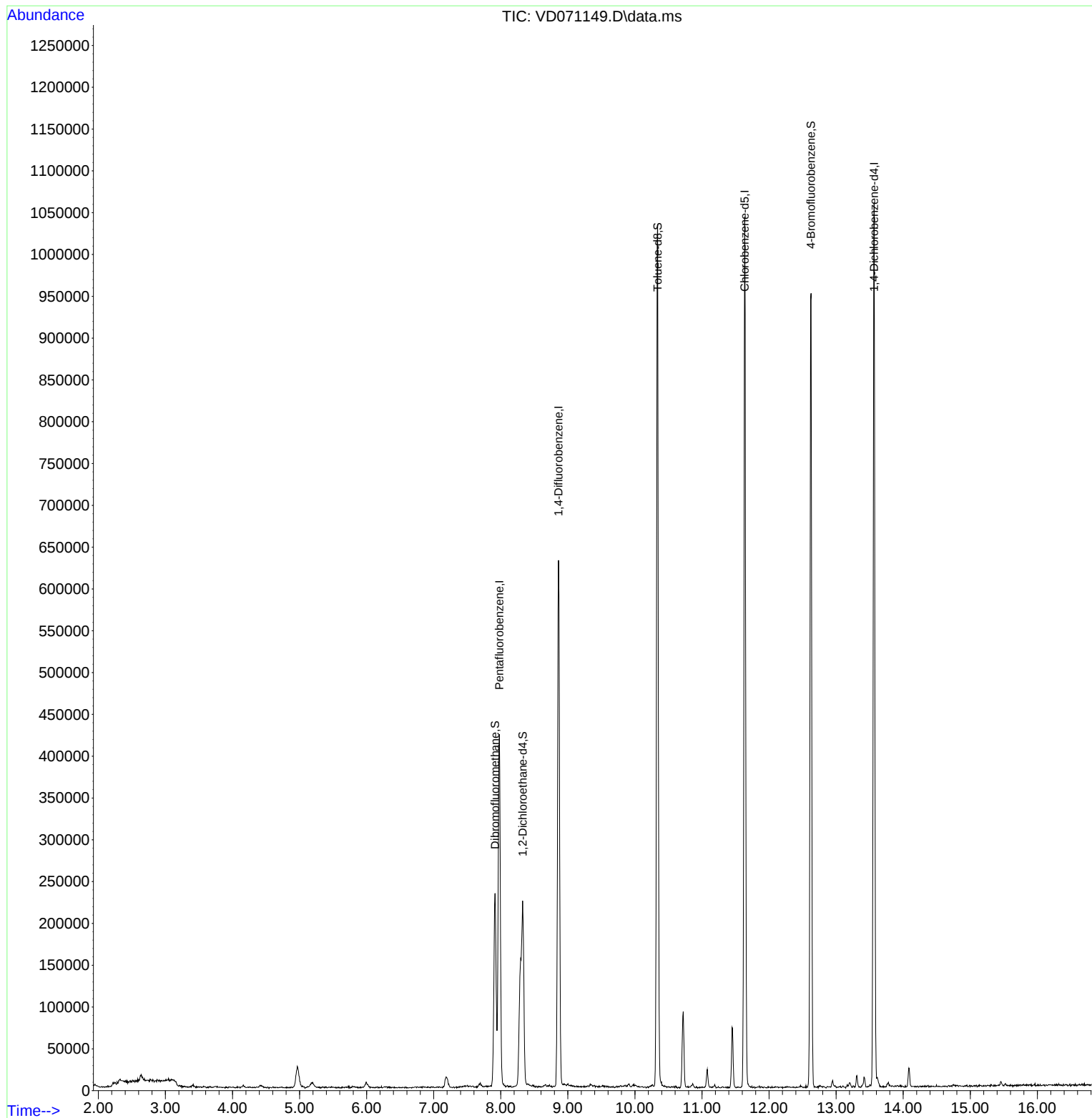
Target Compounds	Qvalue

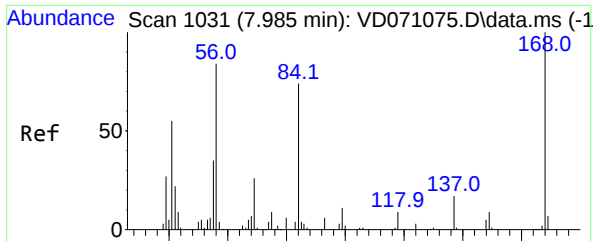
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

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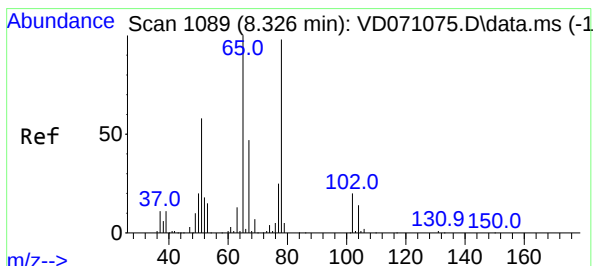
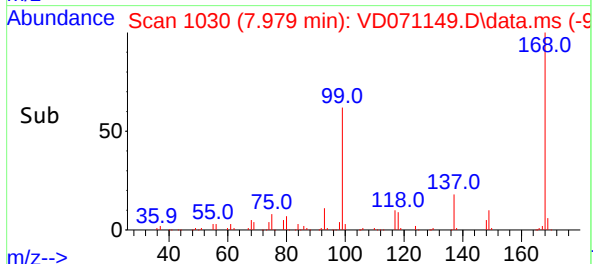
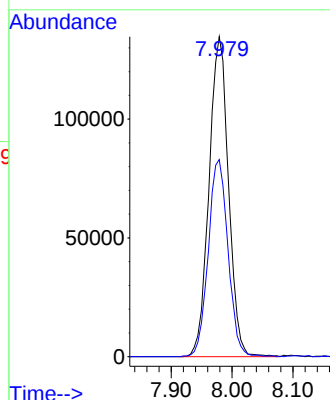
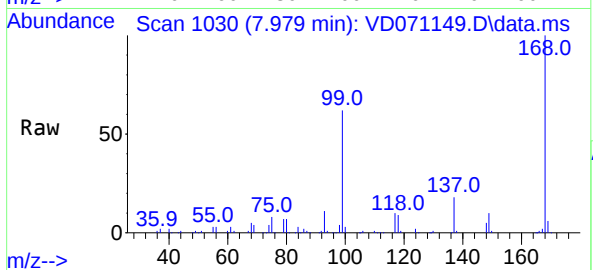
PH1-BOT-7

Tgt Ion:168 Resp: 299329

Ion Ratio Lower Upper

168 100

99 61.6 46.6 69.8



1,2-Dichloroethane-d4

Concen: 44.826 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071149.D

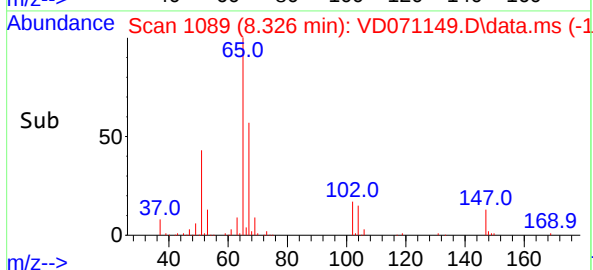
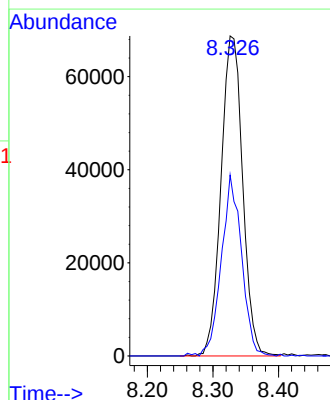
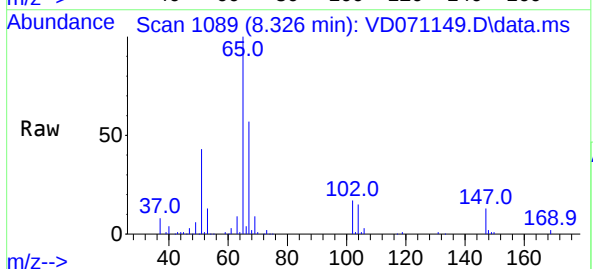
Acq: 04 Dec 2021 17:49

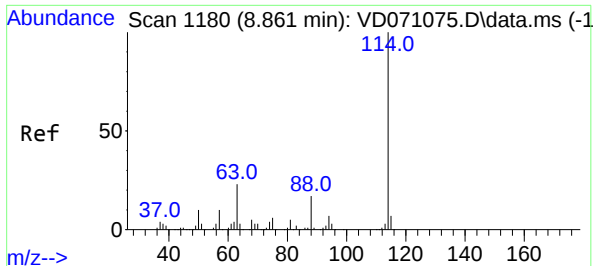
Tgt Ion: 65 Resp: 157440

Ion Ratio Lower Upper

65 100

67 52.7 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: VD071149.D

Acq: 04 Dec 2021 17:49

Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-7

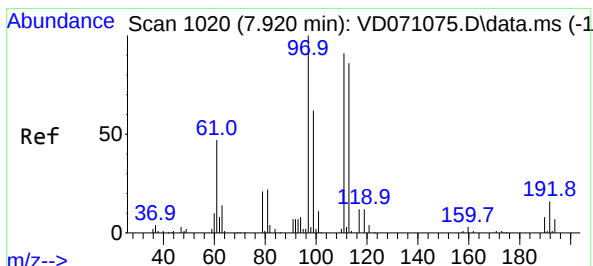
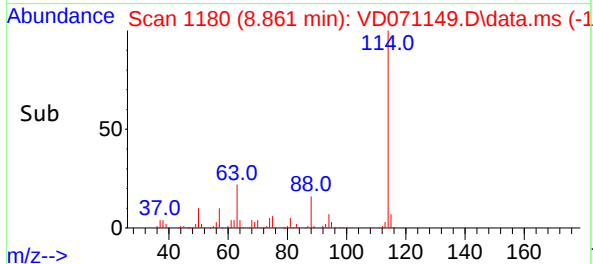
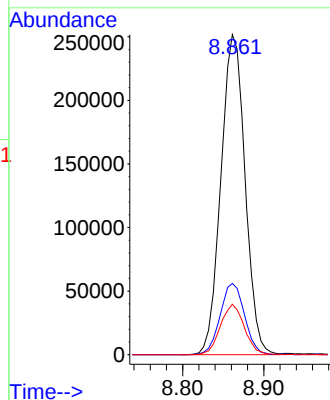
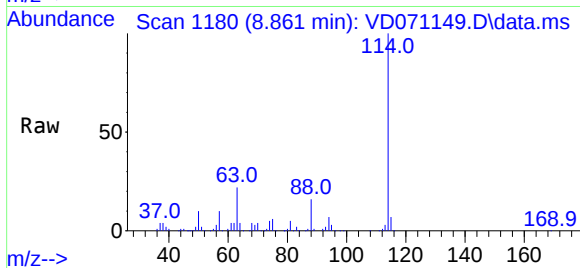
Tgt Ion:114 Resp: 520521

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.096 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071149.D

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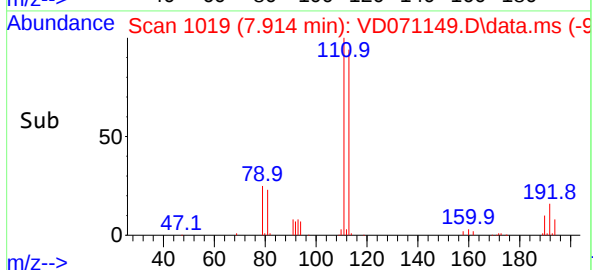
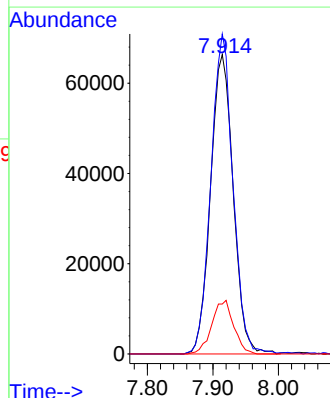
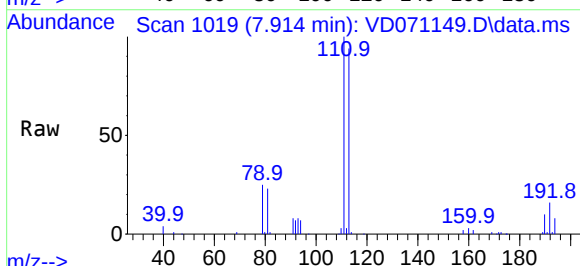
Tgt Ion:113 Resp: 159421

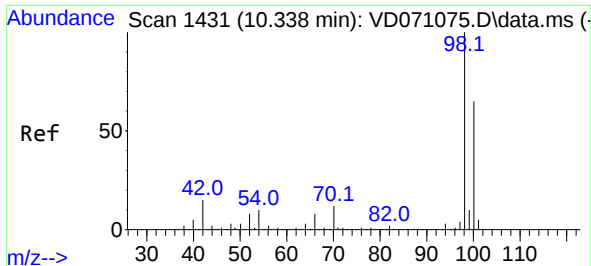
Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 17.3 15.2 22.8

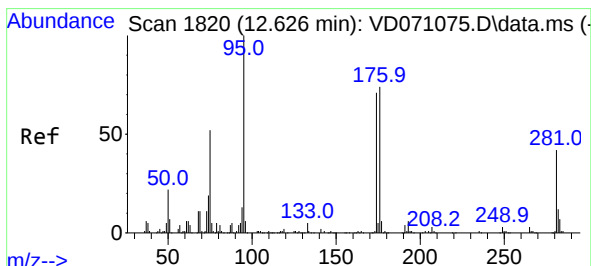
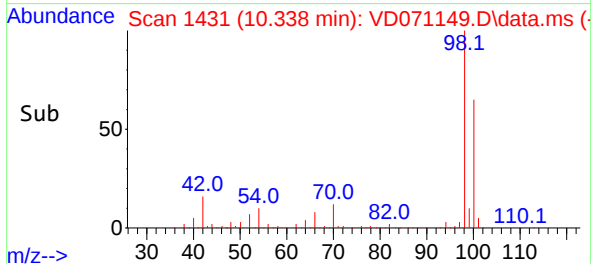
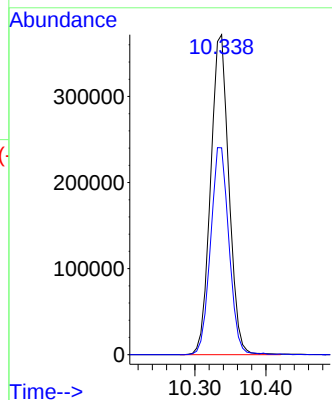
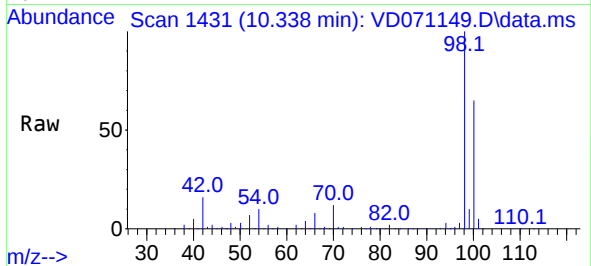




#50
Toluene-d8
Concen: 52.606 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071149.D
Acq: 04 Dec 2021 17:49

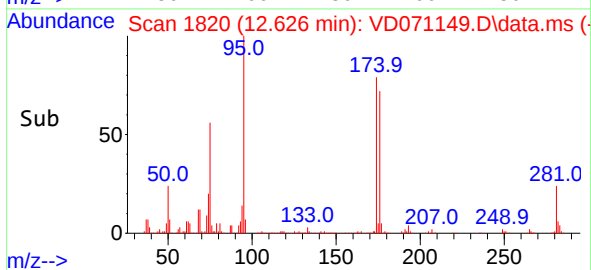
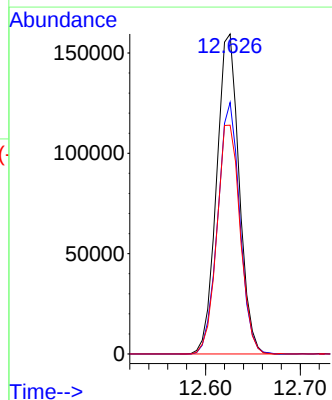
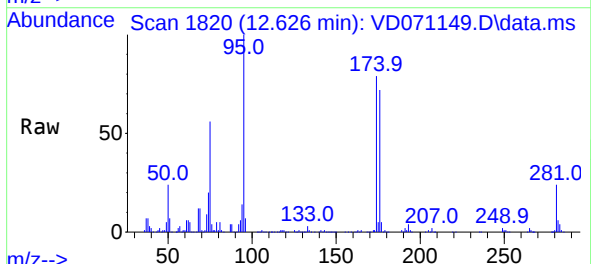
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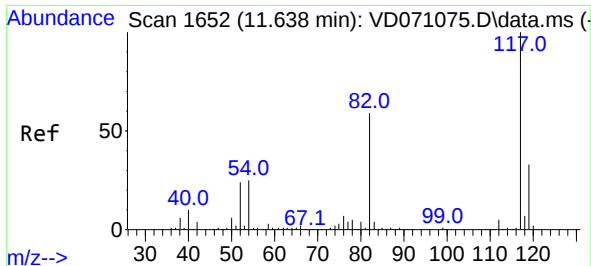
Tgt Ion: 98 Resp: 663559
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.311 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071149.D
Acq: 04 Dec 2021 17:49

Tgt Ion: 95 Resp: 263705
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.4
176 73.7 0.0 154.0

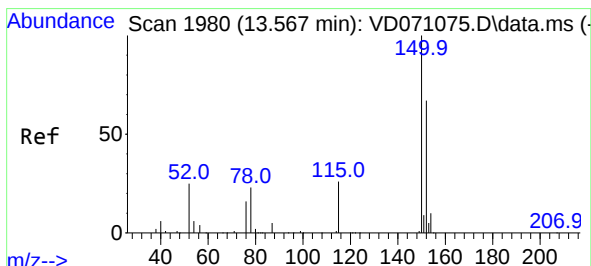
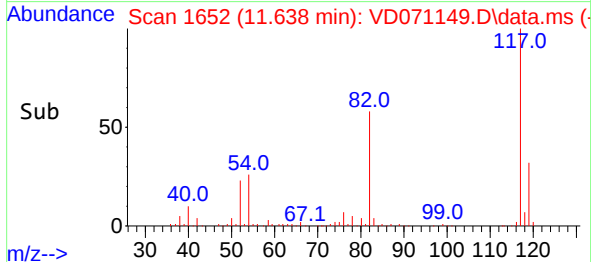
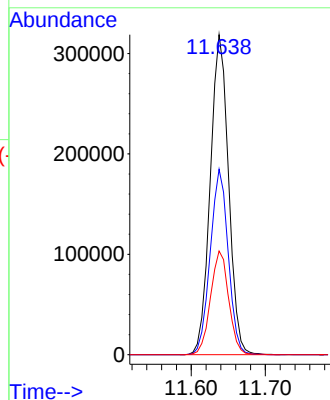
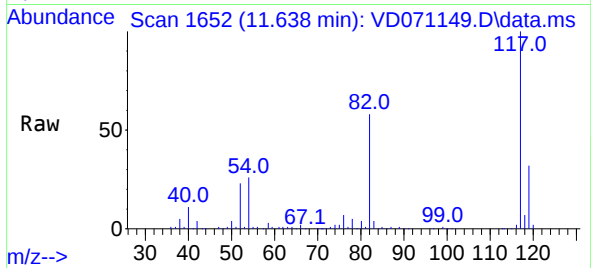




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VD071149.D
Acq: 04 Dec 2021 17:49

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-7

Tgt Ion:117 Resp: 545821
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.4 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: VD071149.D
Acq: 04 Dec 2021 17:49

Tgt Ion:152 Resp: 260218
Ion Ratio Lower Upper
152 100
115 60.9 29.8 89.3
150 158.1 0.0 349.2

