

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072950.D
 Acq On : 12 May 2022 16:23
 Operator : VA/SY
 Sample : N2782-01
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P018-SS001-1218-01

Quant Time: May 13 05:55:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	335989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	594518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	582097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184468	42.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.600%
35) Dibromofluoromethane	7.909	113	198832	47.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.332	98	724504	48.373	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.620	95	255796	45.803	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.600%

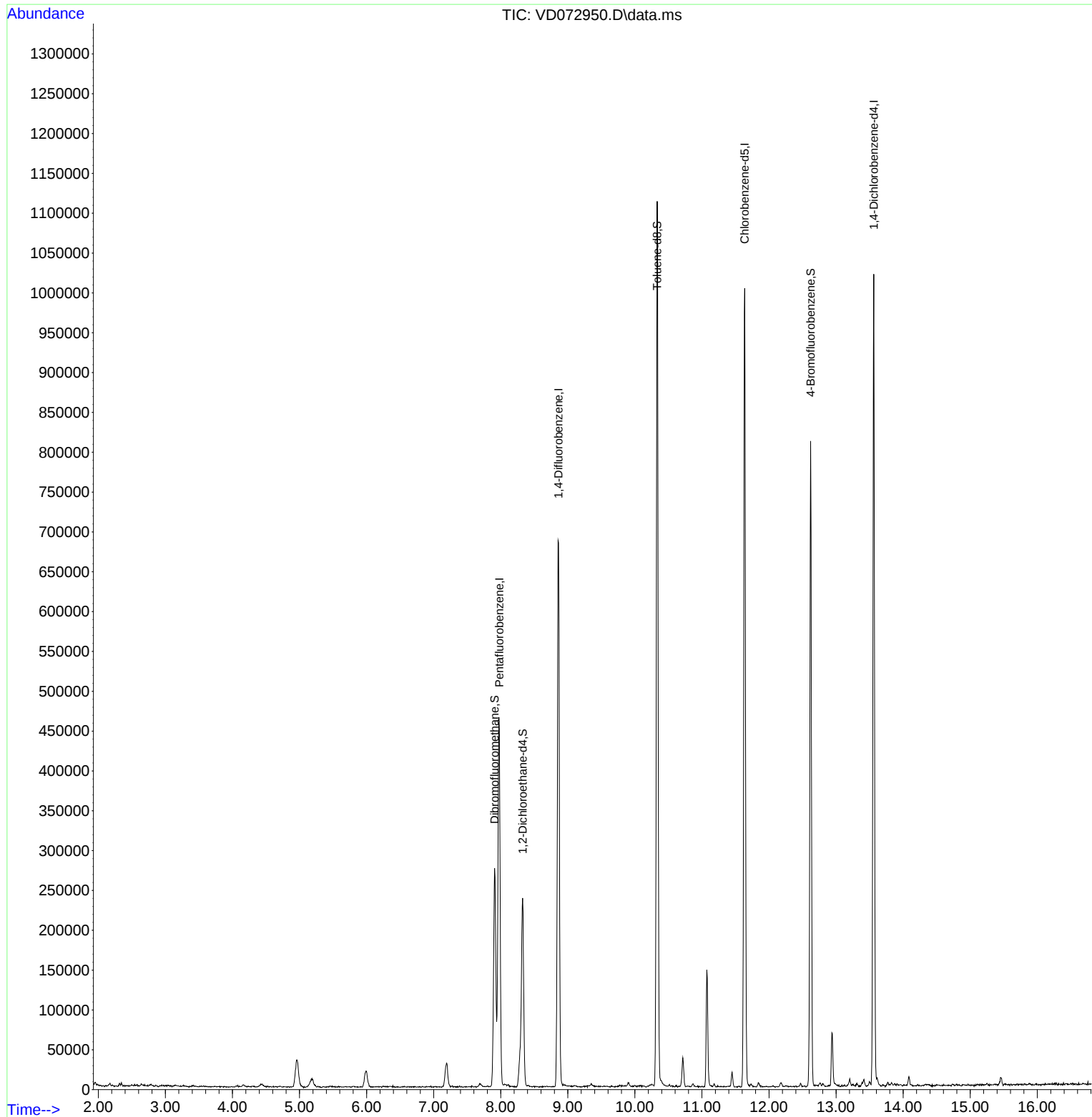
Target Compounds	Qvalue

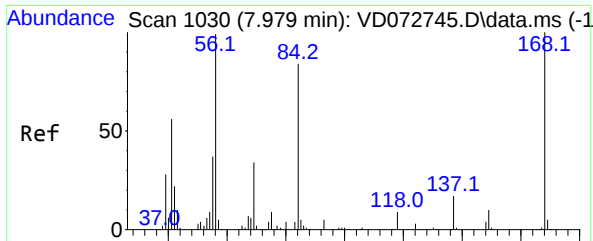
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072950.D

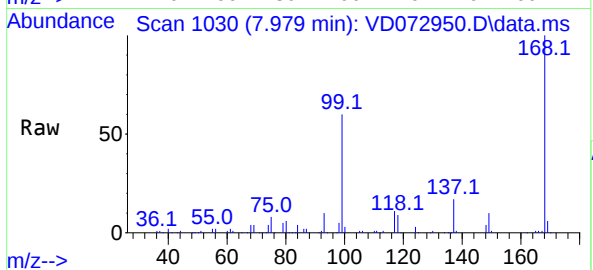
Acq: 12 May 2022 16:23

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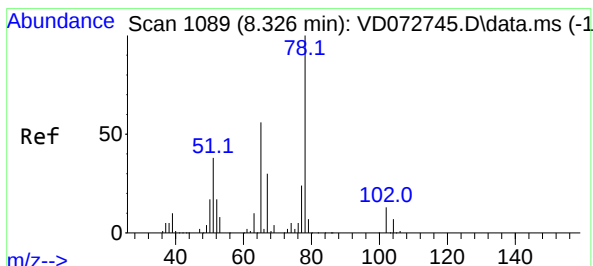
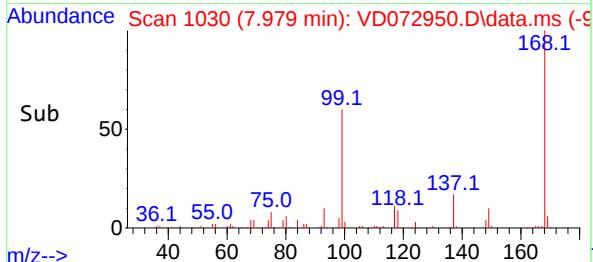
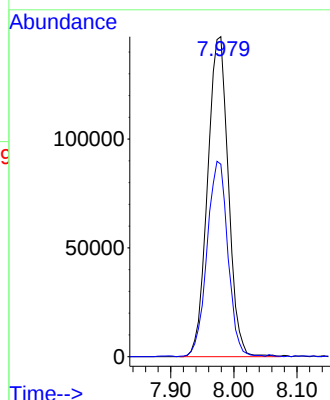


Tgt Ion:168 Resp: 335989

Ion Ratio Lower Upper

168 100

99 60.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 42.296 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072950.D

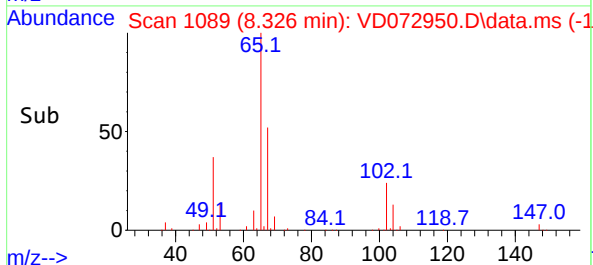
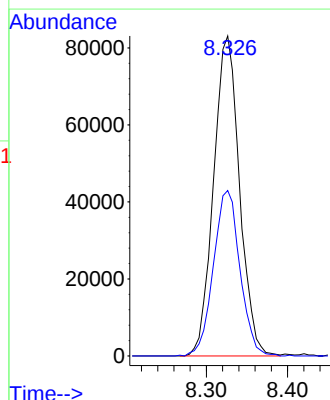
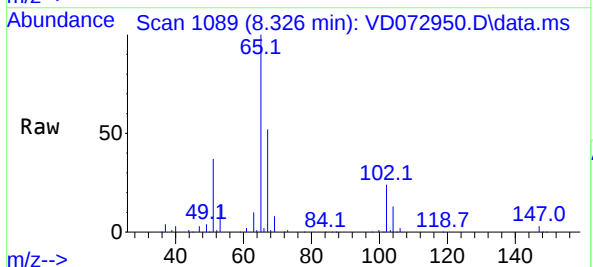
Acq: 12 May 2022 16:23

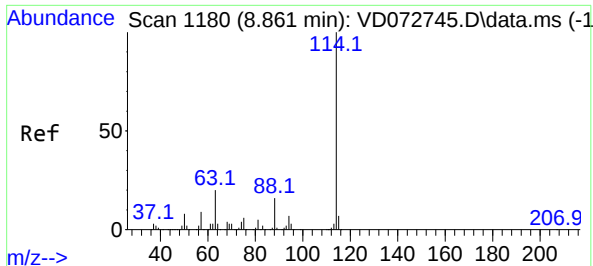
Tgt Ion: 65 Resp: 184468

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072950.D

Acq: 12 May 2022 16:23

Instrument :

MSVOA_D

ClientSampleId :

P018-SS001-1218-01

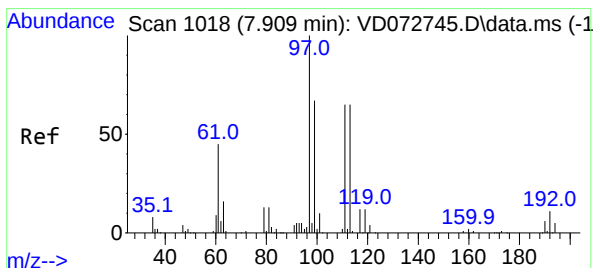
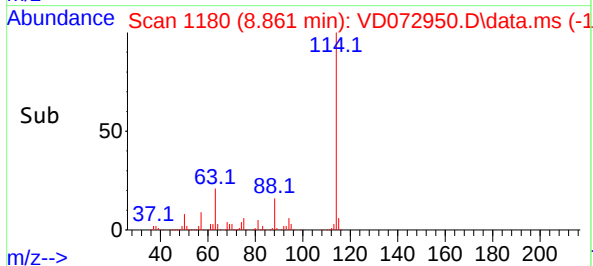
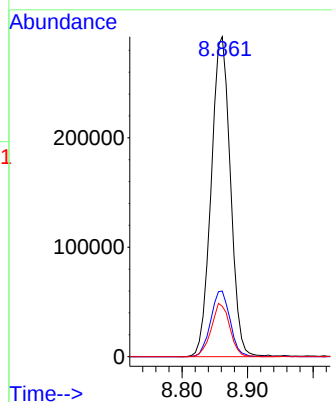
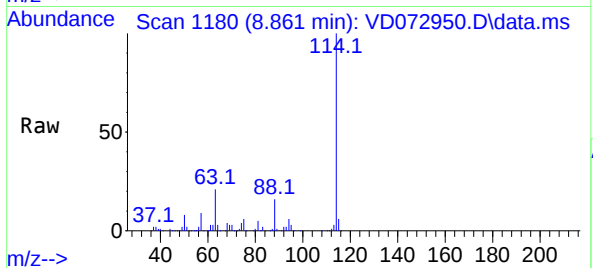
Tgt Ion:114 Resp: 594518

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.620 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072950.D

Acq: 12 May 2022 16:23

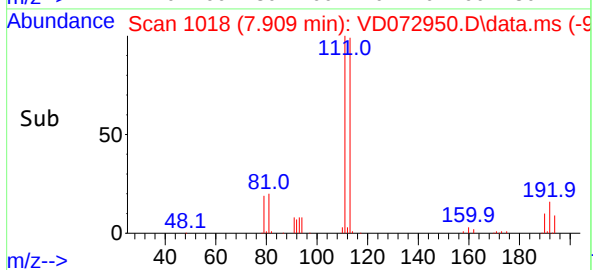
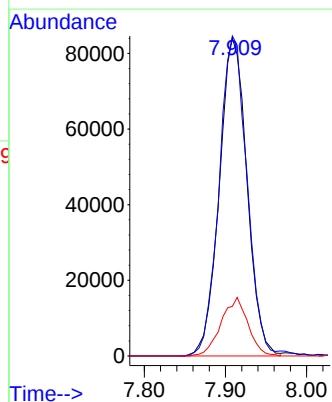
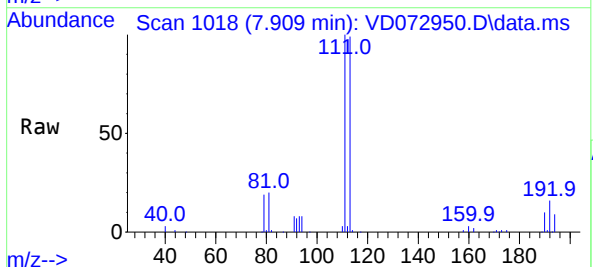
Tgt Ion:113 Resp: 198832

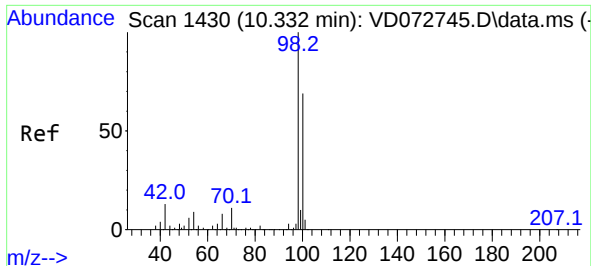
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.9 14.6 21.8

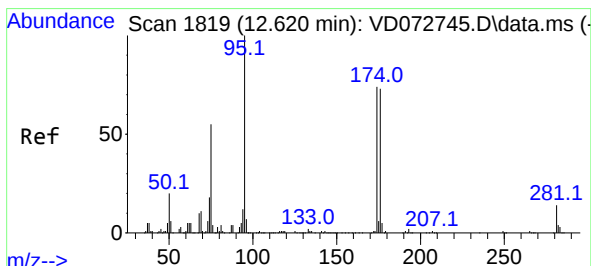
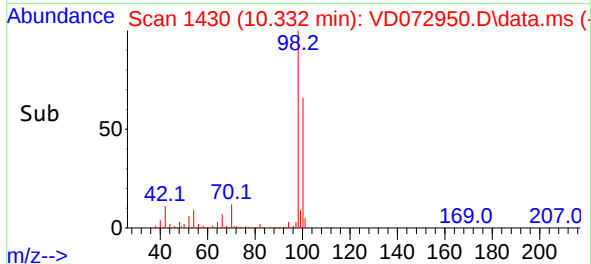
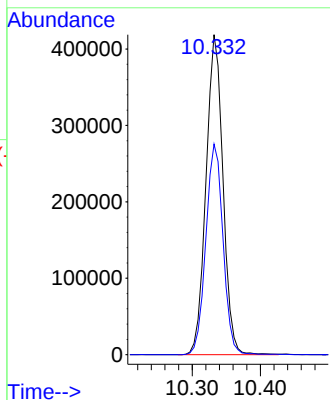
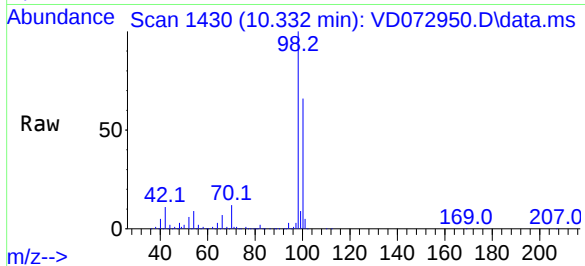




#50
Toluene-d8
Concen: 48.373 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

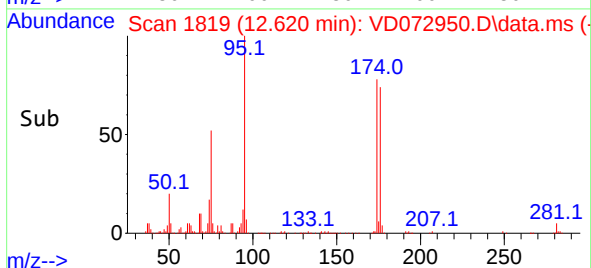
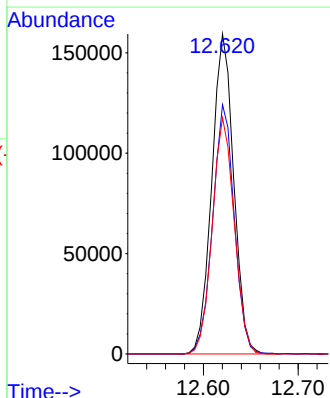
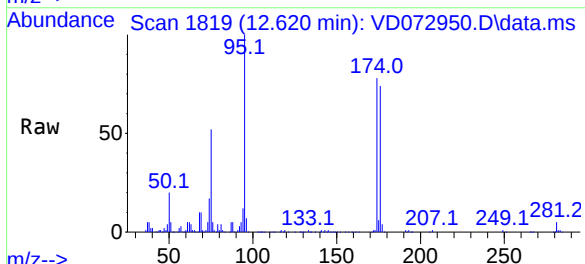
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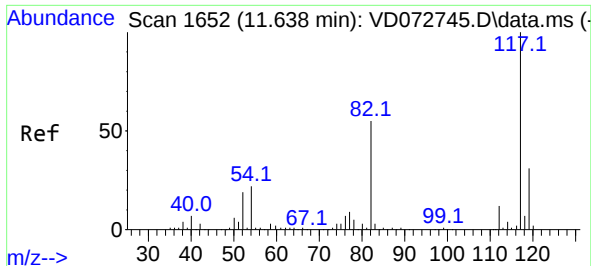
Tgt Ion: 98 Resp: 724504
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.803 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion: 95 Resp: 255796
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.0 0.0 145.4

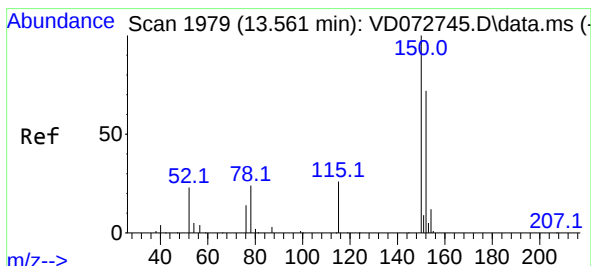
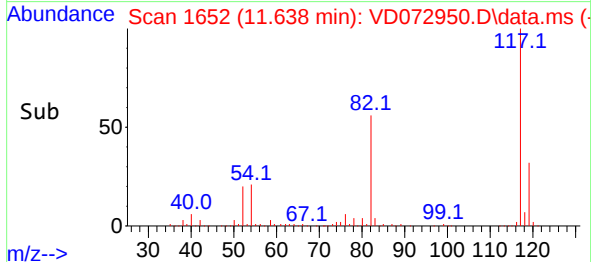
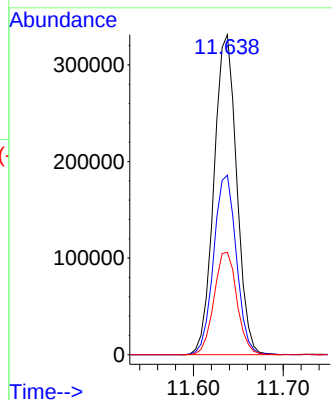
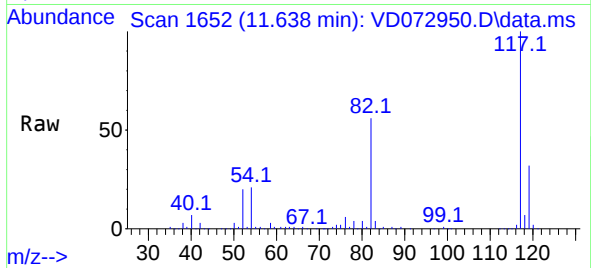




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1218-01

Tgt Ion:117 Resp: 582097
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion:152 Resp: 261421
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.5 0.0 348.6

