

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072790.D
 Acq On : 04 May 2022 15:55
 Operator : VA/SY
 Sample : N2677-01
 Misc : 6.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5,8

Quant Time: May 05 01:37:50 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	7.973	168	295720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	565822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208261	54.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.500%
35) Dibromofluoromethane	7.914	113	195174	49.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.332	98	707363	49.624	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.620	95	270115	50.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.640%

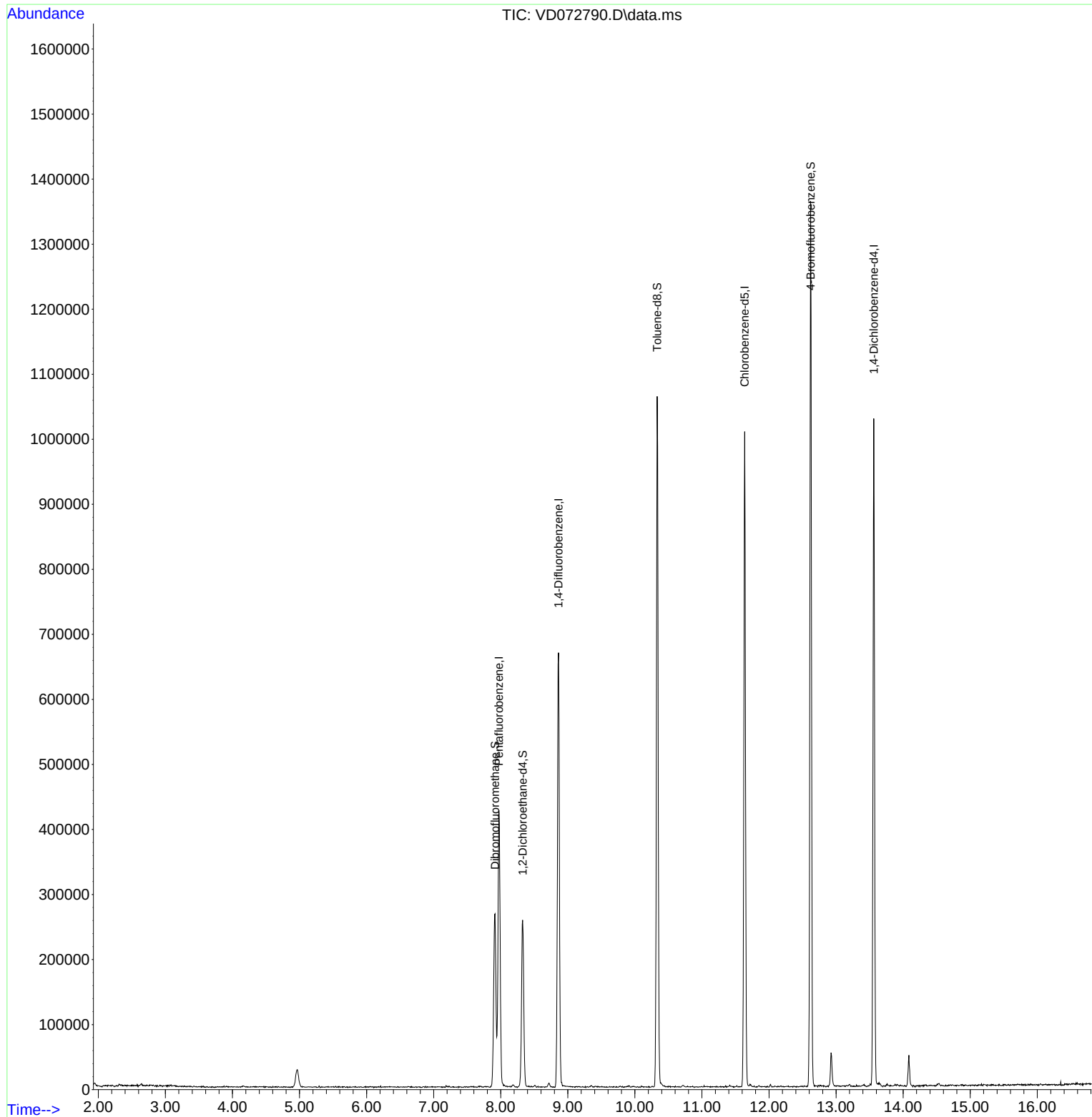
Target Compounds	Qvalue

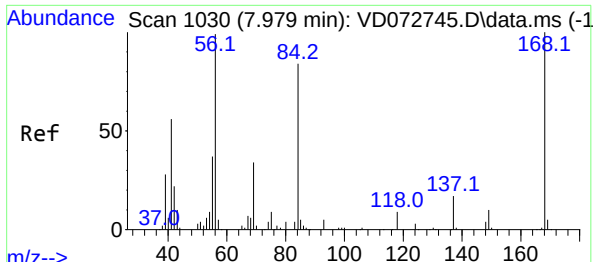
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072790.D

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Instrument :

MSVOA_D

ClientSampleId :

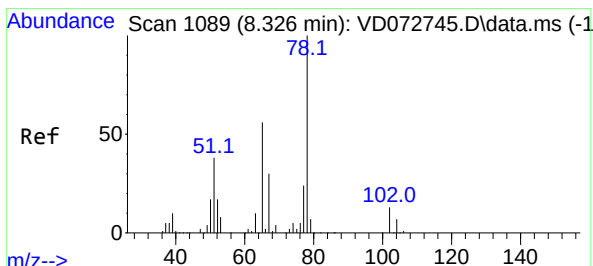
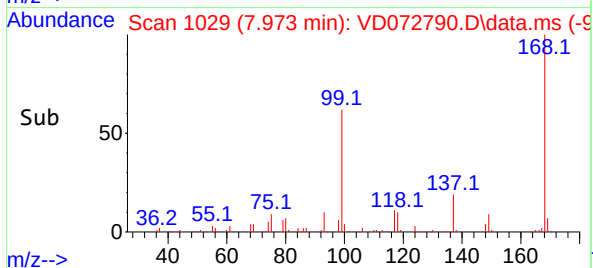
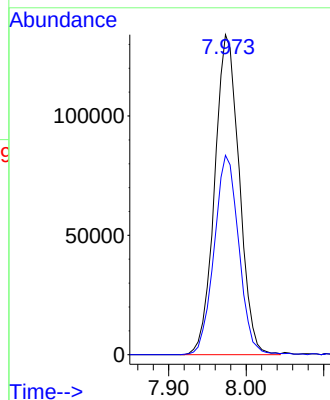
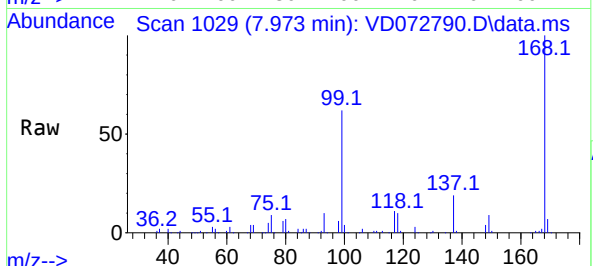
SB-5,8

Tgt Ion:168 Resp: 295720

Ion Ratio Lower Upper

168 100

99 62.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 54.253 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072790.D

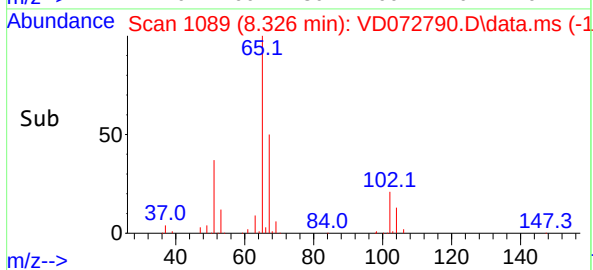
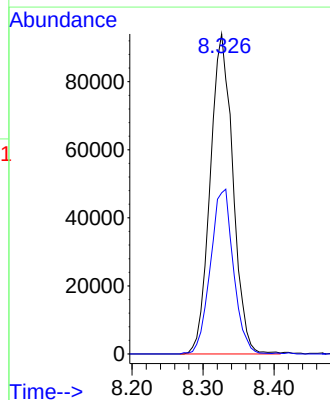
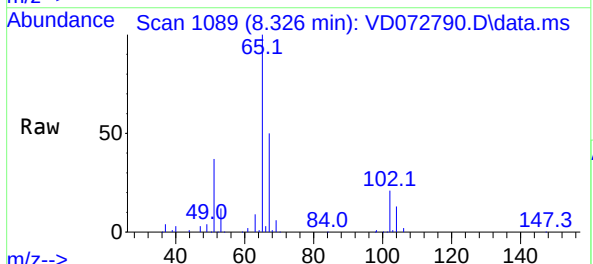
Acq: 04 May 2022 15:55

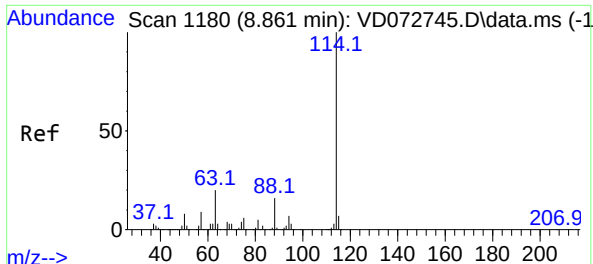
Tgt Ion: 65 Resp: 208261

Ion Ratio Lower Upper

65 100

67 52.2 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: VD072790.D

Acq: 04 May 2022 15:55

Instrument :

MSVOA_D

ClientSampleId :

SB-5,8

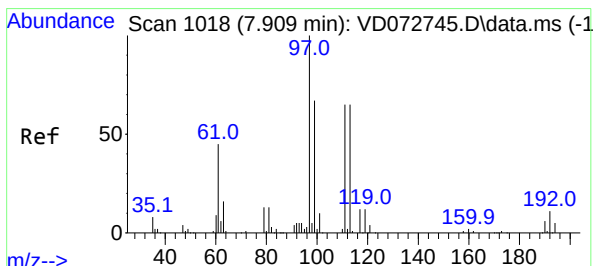
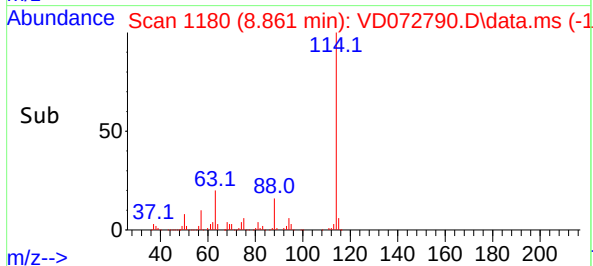
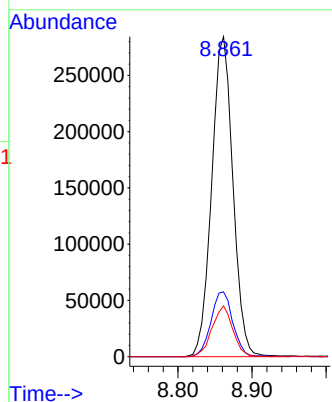
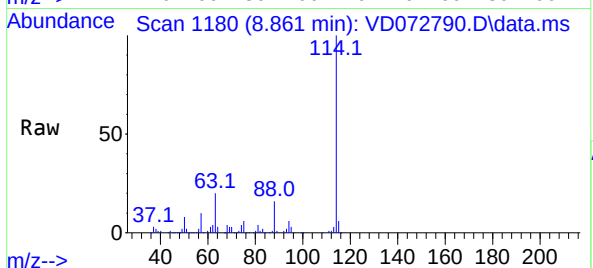
Tgt Ion:114 Resp: 565822

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.115 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072790.D

Acq: 04 May 2022 15:55

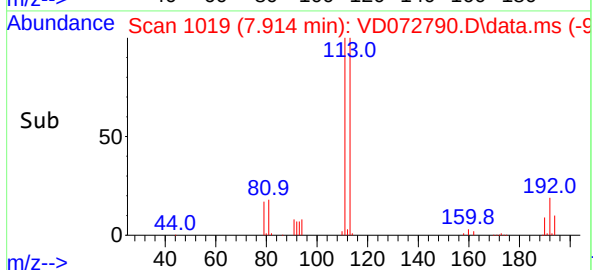
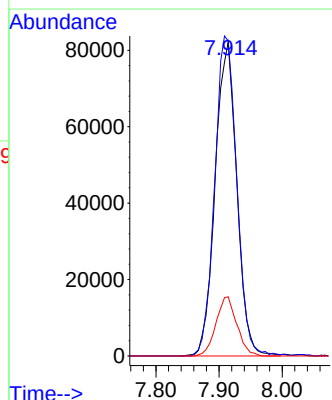
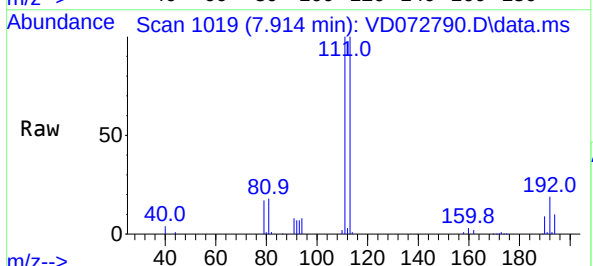
Tgt Ion:113 Resp: 195174

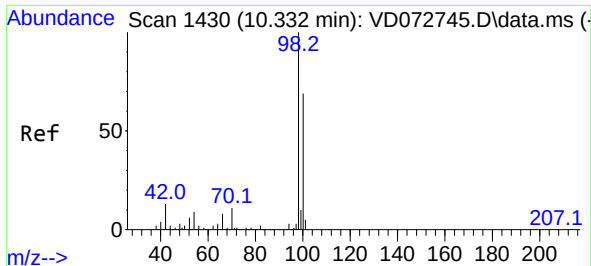
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 18.2 14.6 21.8

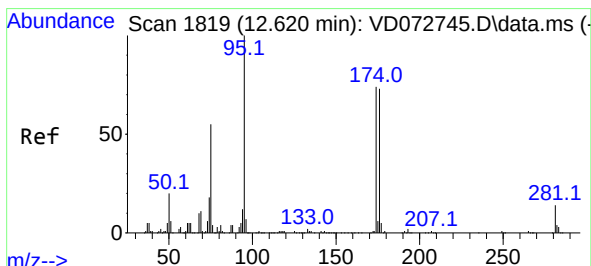
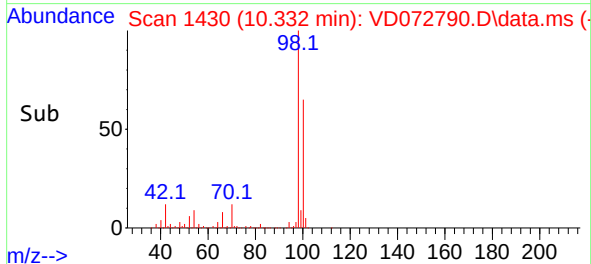
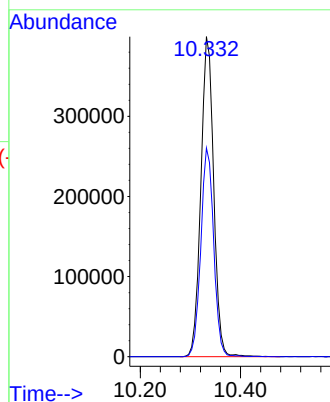
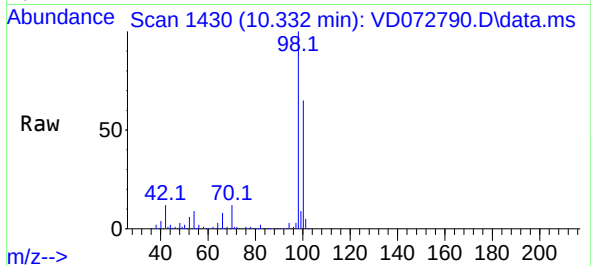




#50
Toluene-d8
Concen: 49.624 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

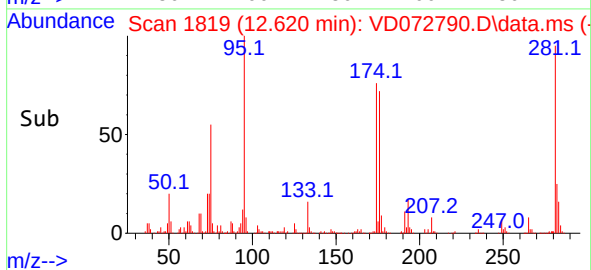
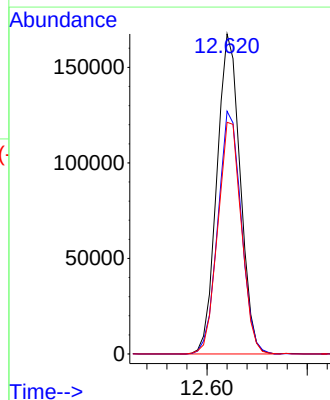
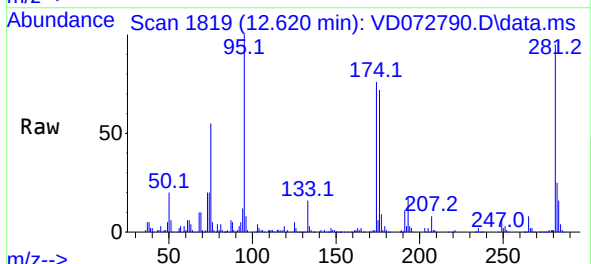
Instrument :
MSVOA_D
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SB-5,8

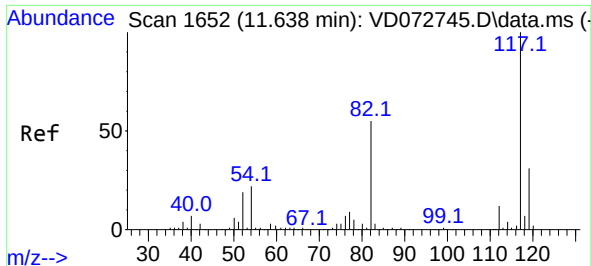
Tgt Ion: 98 Resp: 707363
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.820 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

Tgt Ion: 95 Resp: 270115
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 73.3 0.0 145.4

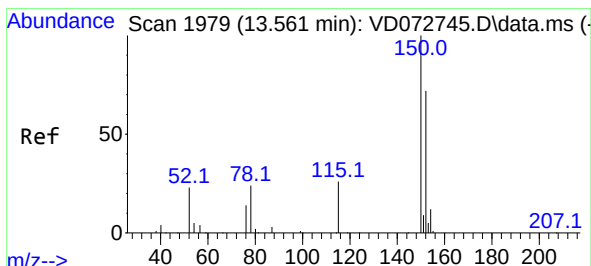
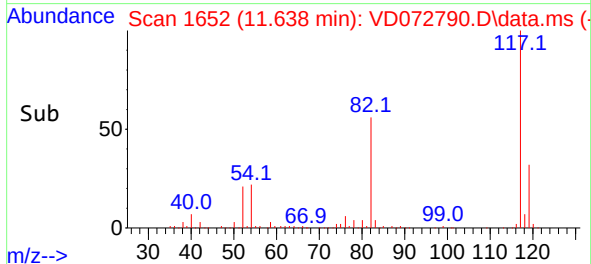
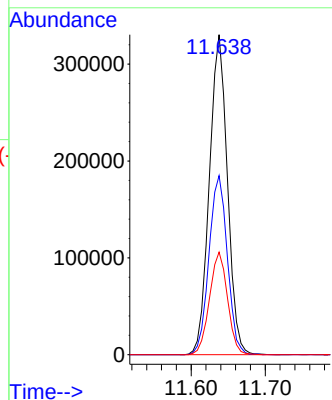
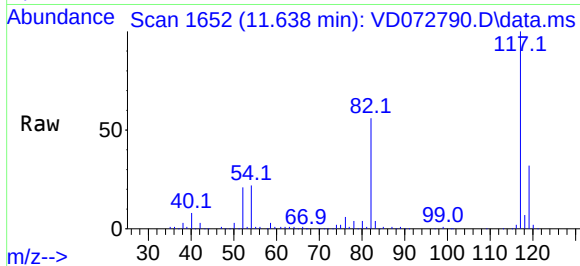




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

Instrument :
MSVOA_D
ClientSampleId :
SB-5,8

Tgt Ion:117 Resp: 558444
Ion Ratio Lower Upper
117 100
82 56.0 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: VD072790.D
Acq: 04 May 2022 15:55

Tgt Ion:152 Resp: 256170
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 158.6 0.0 348.6

