

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072792.D
 Acq On : 04 May 2022 16:52
 Operator : VA/SY
 Sample : N2677-09
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6,7

Quant Time: May 05 01:38:12 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	305705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	576550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	567672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202659	51.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.140%
35) Dibromofluoromethane	7.908	113	195640	48.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.332	98	712145	49.030	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.620	95	278752	51.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.940%

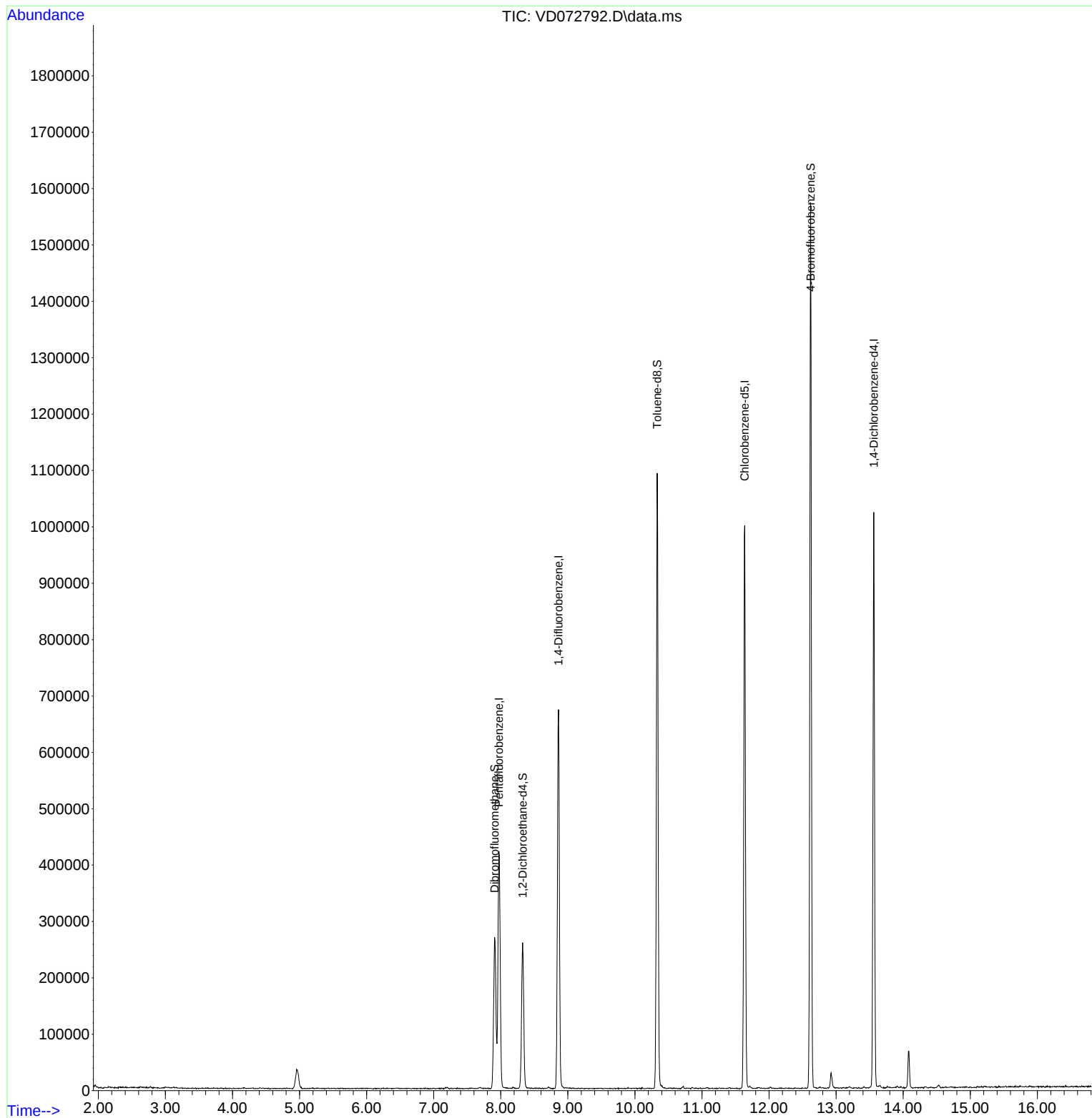
Target Compounds	Qvalue

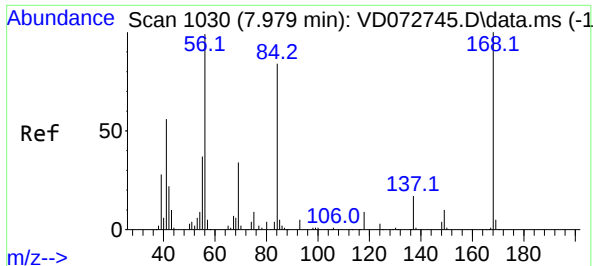
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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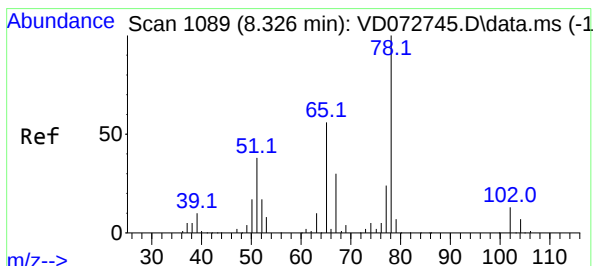
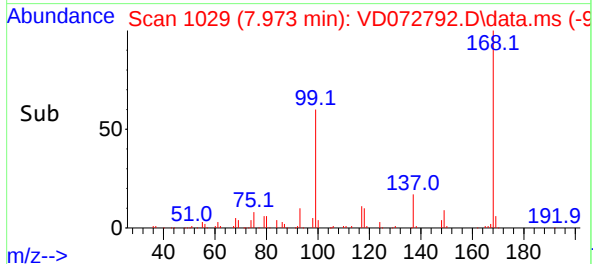
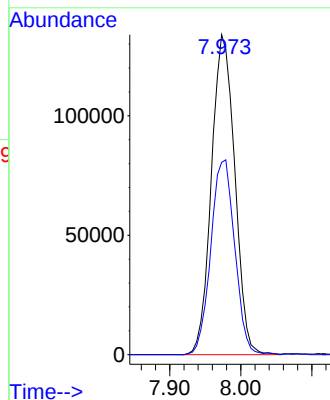
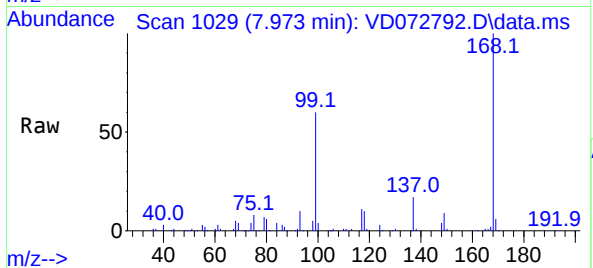




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

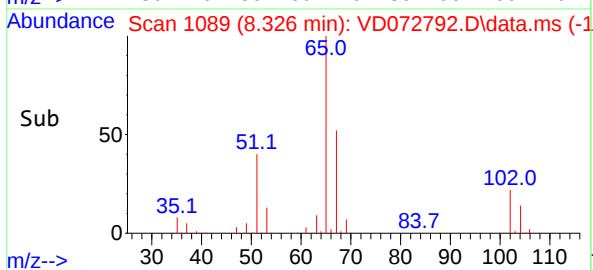
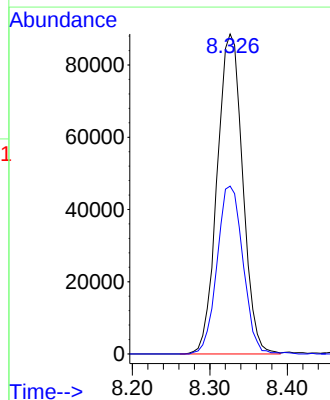
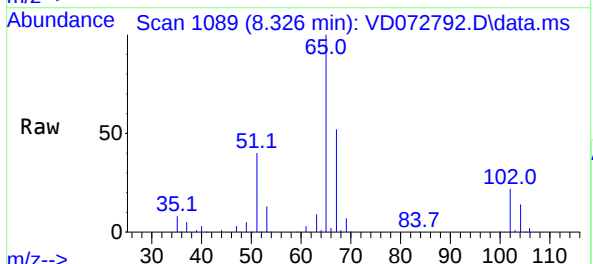
Instrument :
MSVOA_D
ClientSampleId :
SB-6,7

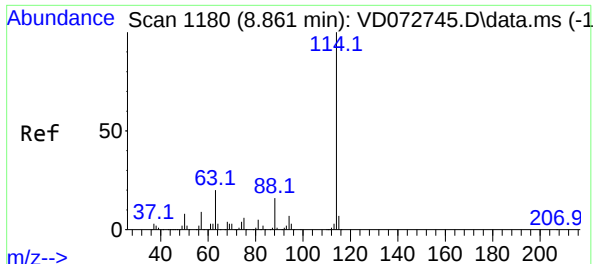
Tgt Ion:168 Resp: 305705
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.070 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

Tgt Ion: 65 Resp: 202659
Ion Ratio Lower Upper
65 100
67 53.2 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: VD072792.D

Acq: 04 May 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

SB-6,7

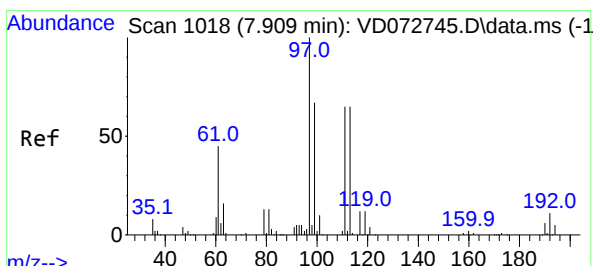
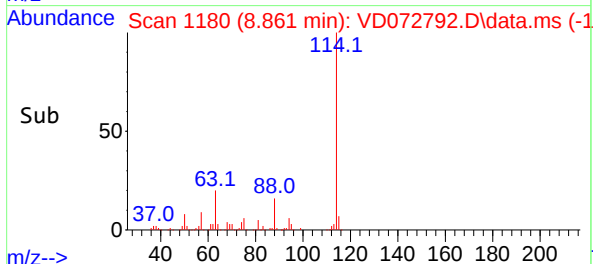
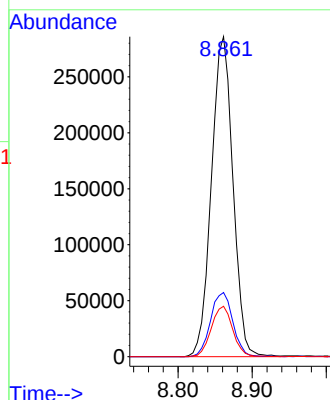
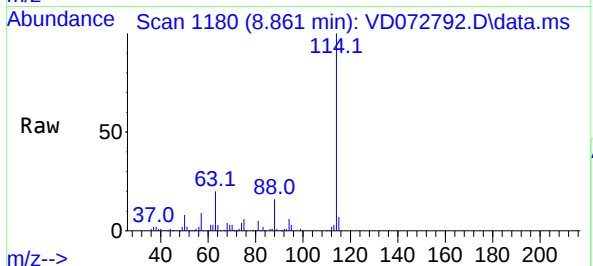
Tgt Ion:114 Resp: 576550

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.316 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072792.D

Acq: 04 May 2022 16:52

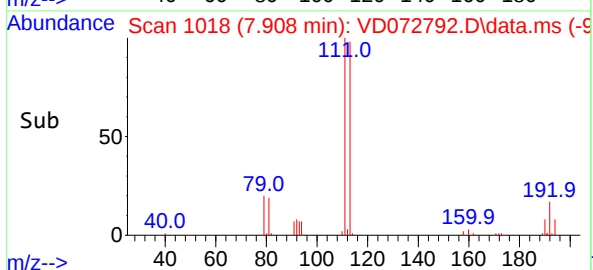
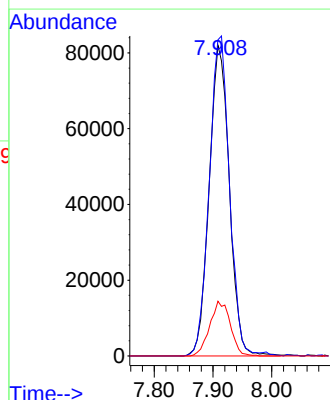
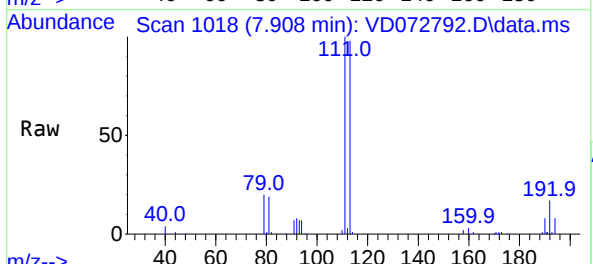
Tgt Ion:113 Resp: 195640

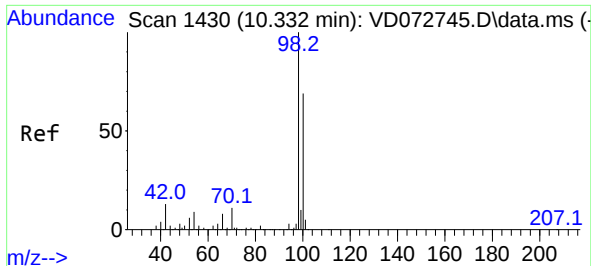
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.0 14.6 21.8

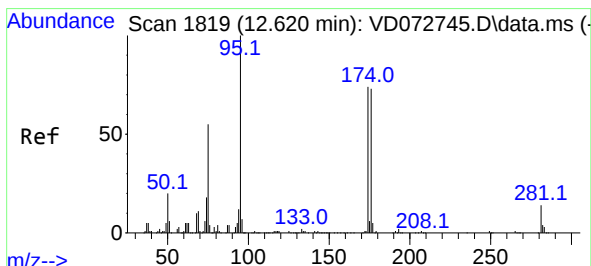
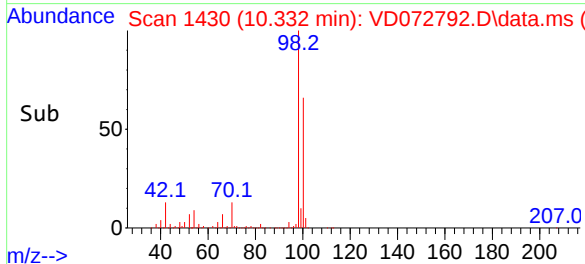
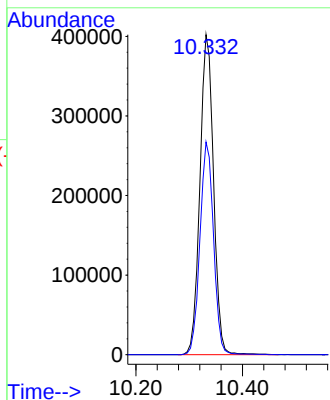
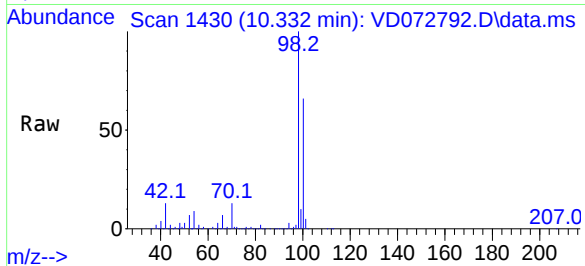




#50
Toluene-d8
Concen: 49.030 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

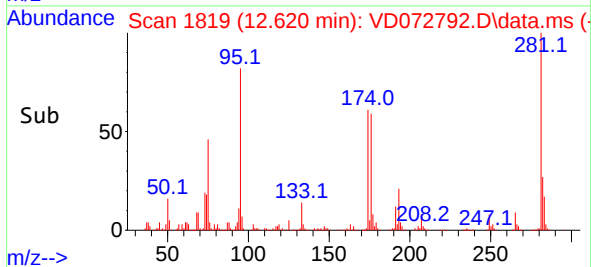
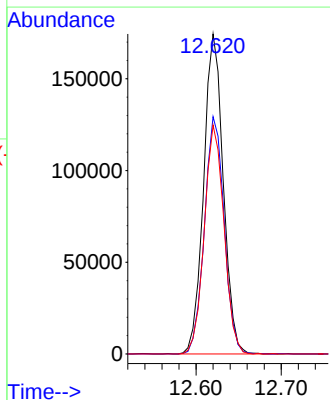
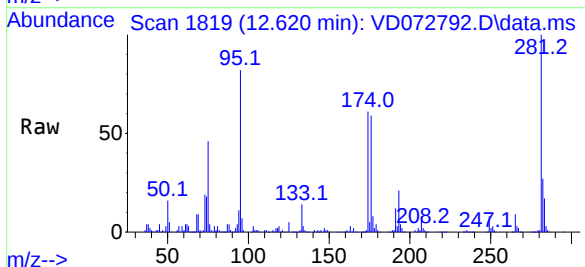
Instrument :
MSVOA_D
ClientSampleId :
SB-6,7

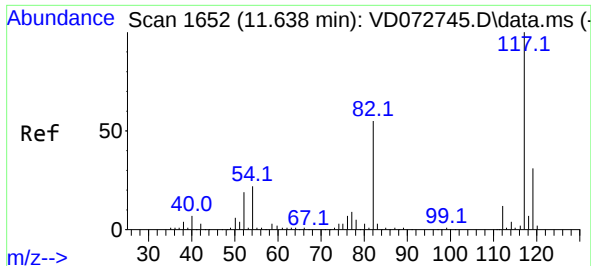
Tgt Ion: 98 Resp: 712145
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.469 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

Tgt Ion: 95 Resp: 278752
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 71.9 0.0 145.4

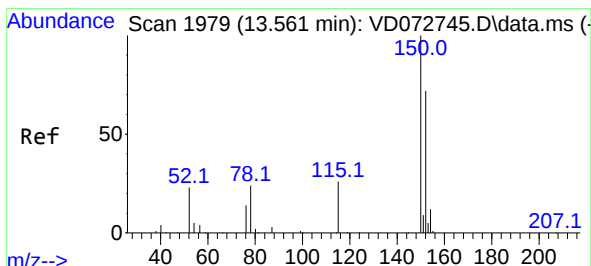
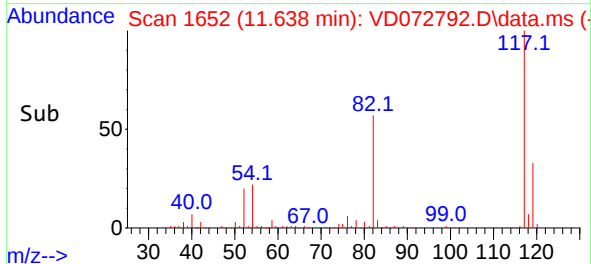
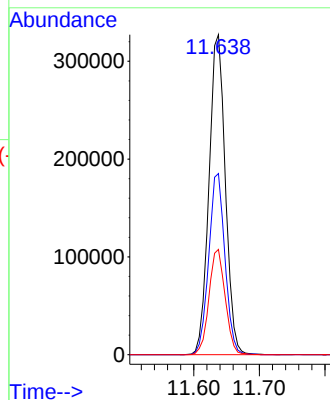
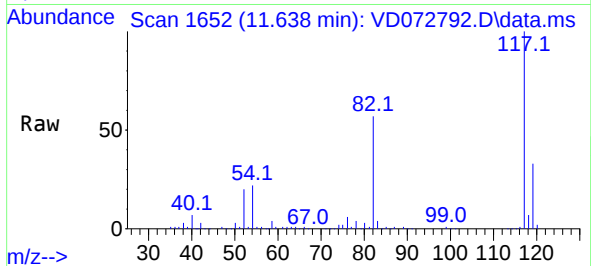




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072792.D
Acq: 04 May 2022 16:52

Instrument :
MSVOA_D
ClientSampleId :
SB-6,7

Tgt Ion:117 Resp: 567672
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.9 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: VD072792.D
Acq: 04 May 2022 16:52

Tgt Ion:152 Resp: 257777
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 160.0 0.0 348.6

