

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072796.D
 Acq On : 04 May 2022 18:47
 Operator : VA/SY
 Sample : N2677-11
 Misc : 6.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7,6

Quant Time: May 05 01:38:52 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	339975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	633195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232822	52.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.520%
35) Dibromofluoromethane	7.908	113	219651	49.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.332	98	776893	49.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.620	95	309839	52.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.960%

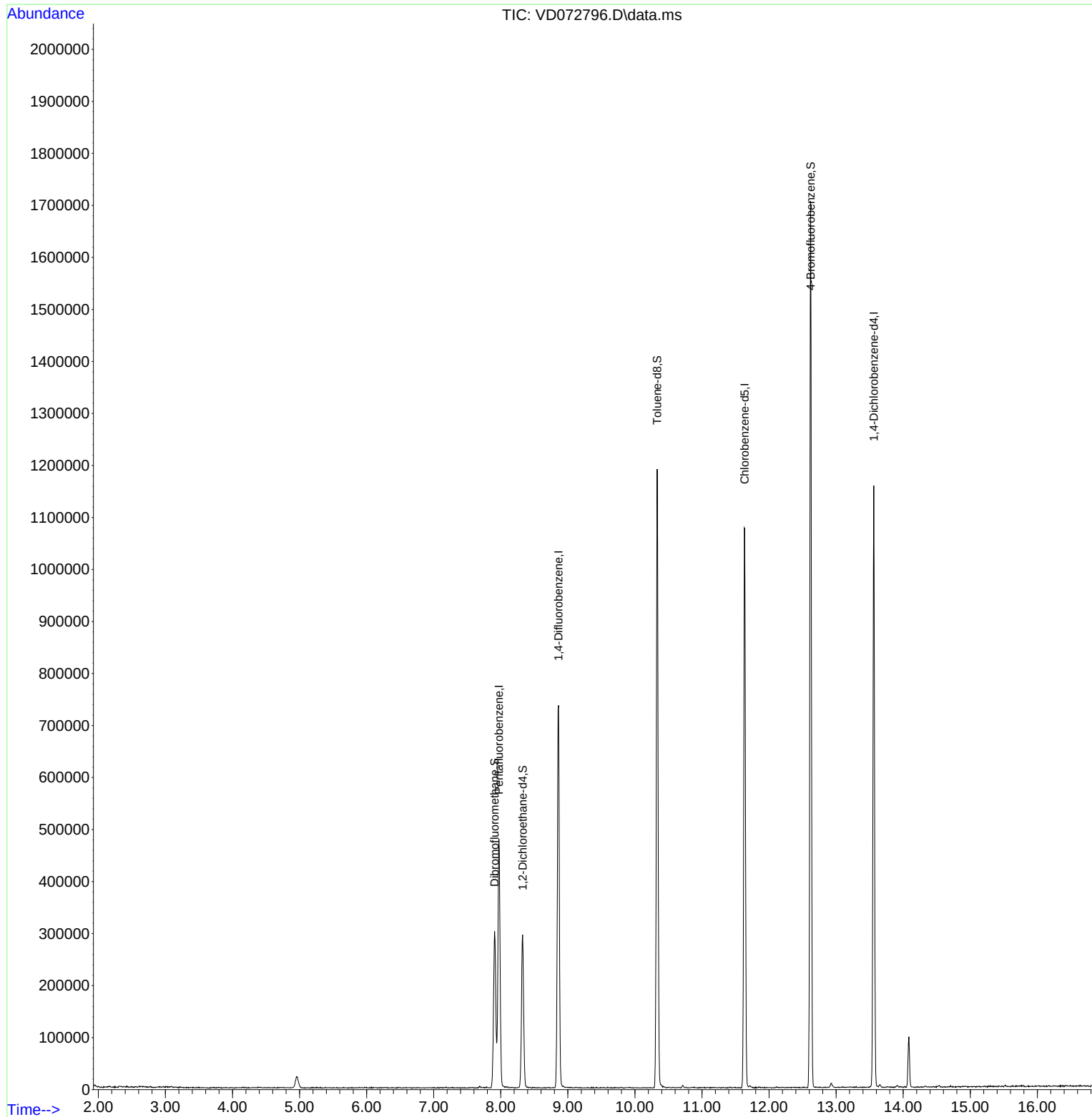
Target Compounds	Qvalue

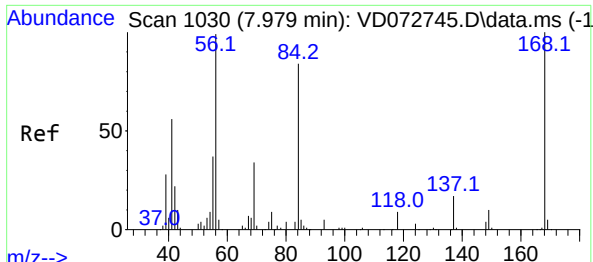
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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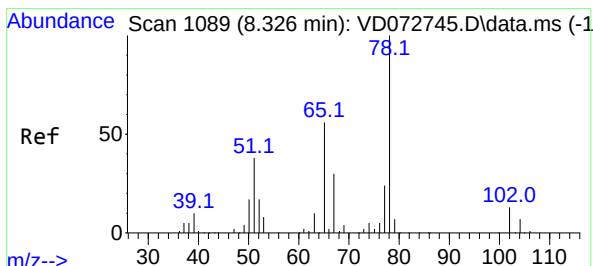
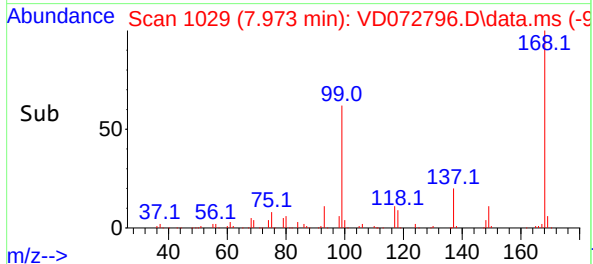
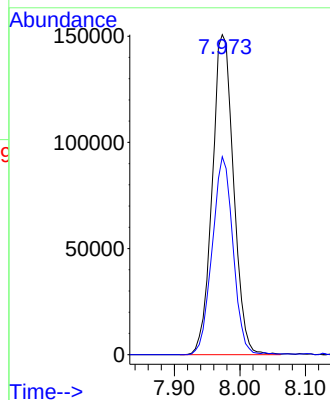
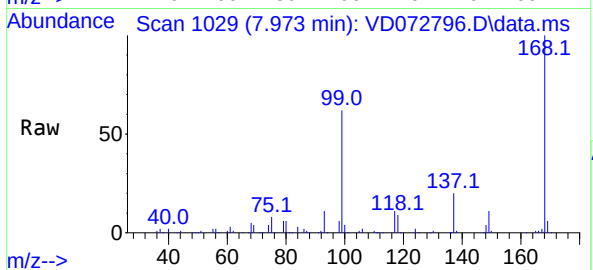




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072796.D
Acq: 04 May 2022 18:47

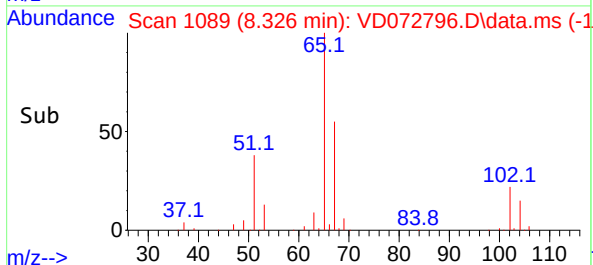
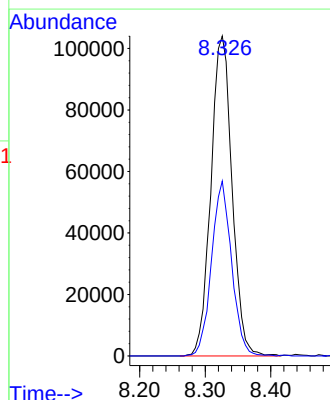
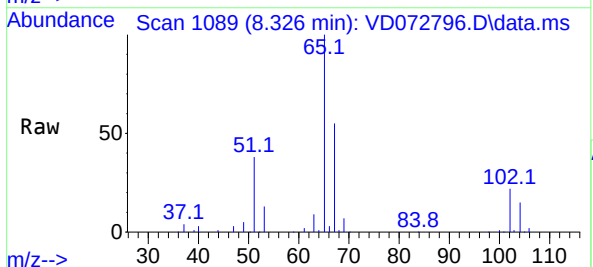
Instrument :
MSVOA_D
ClientSampleId :
SB-7,6

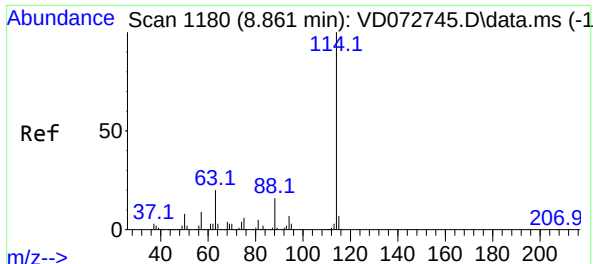
Tgt Ion:168 Resp: 339975
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.757 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072796.D
Acq: 04 May 2022 18:47

Tgt Ion: 65 Resp: 232822
Ion Ratio Lower Upper
65 100
67 51.9 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: VD072796.D

Acq: 04 May 2022 18:47

Instrument :

MSVOA_D

ClientSampleId :

SB-7,6

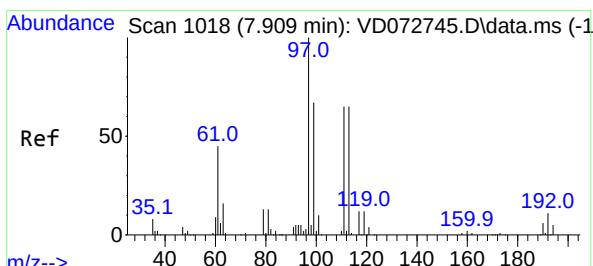
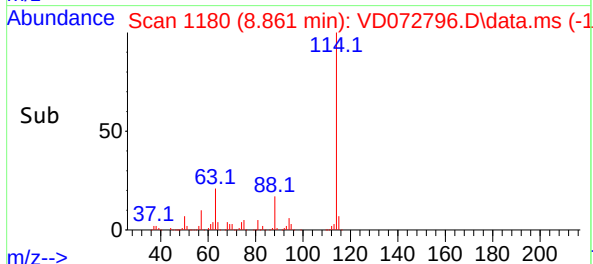
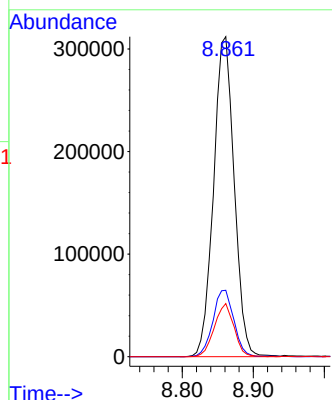
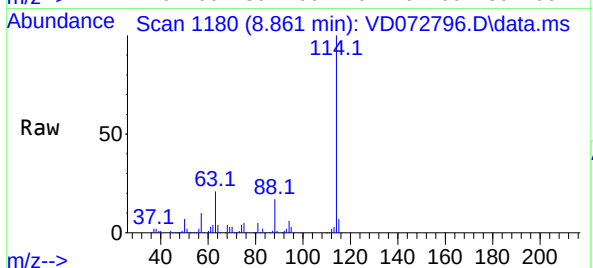
Tgt Ion:114 Resp: 628453

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.766 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072796.D

Acq: 04 May 2022 18:47

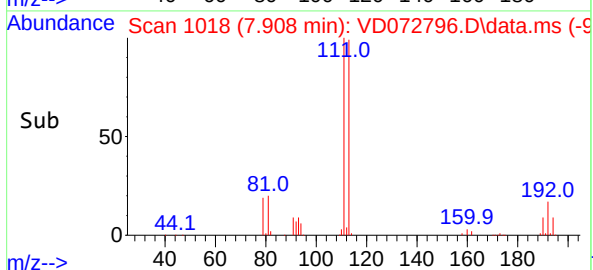
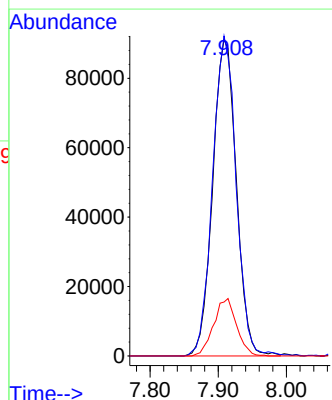
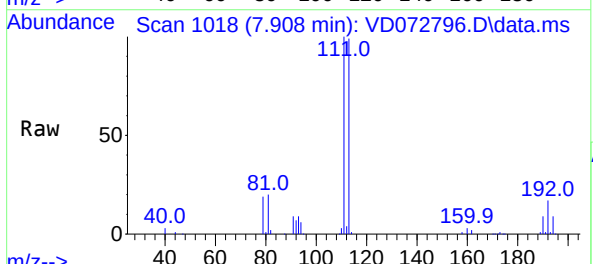
Tgt Ion:113 Resp: 219651

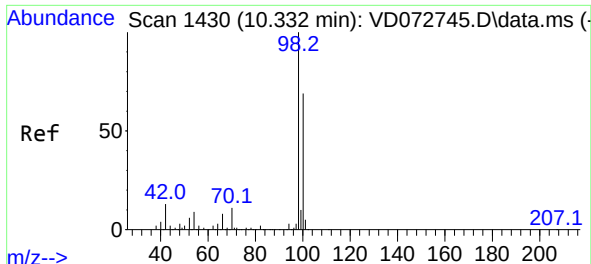
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.6 14.6 21.8

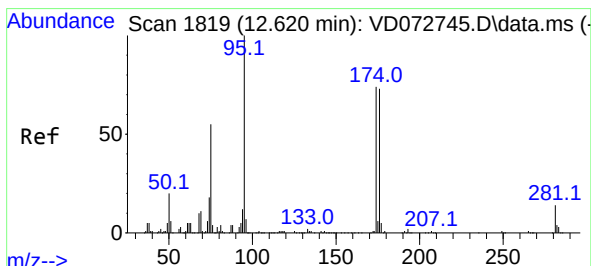
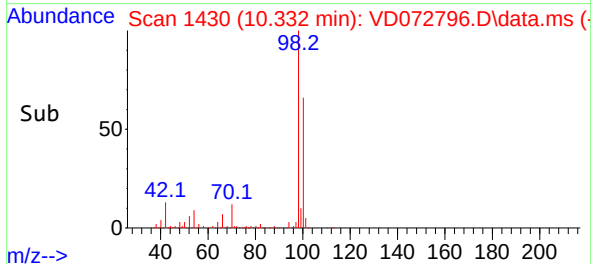
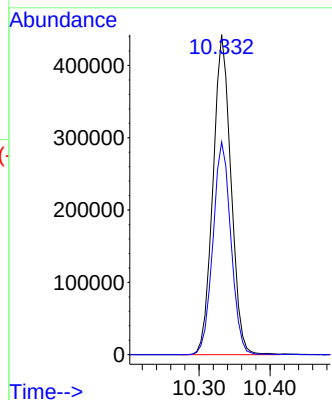
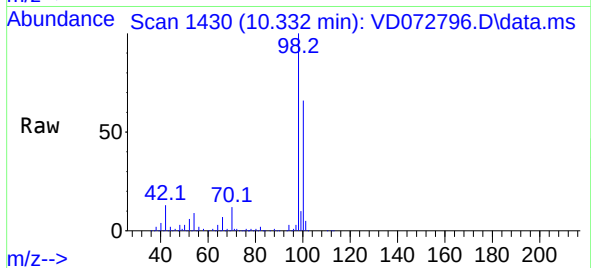




#50
Toluene-d8
Concen: 49.070 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072796.D
Acq: 04 May 2022 18:47

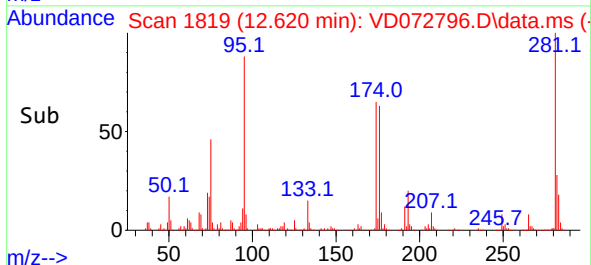
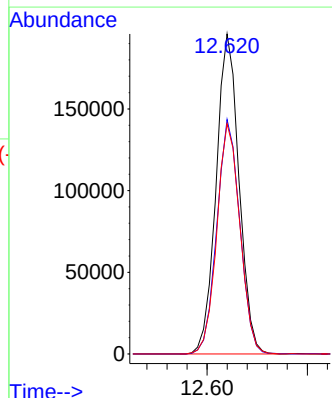
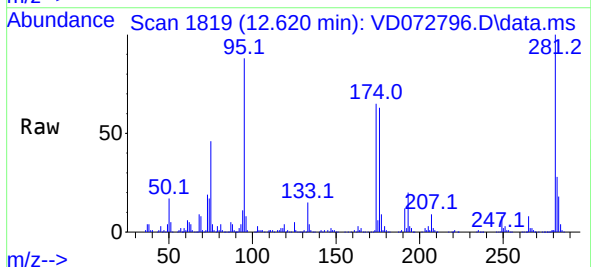
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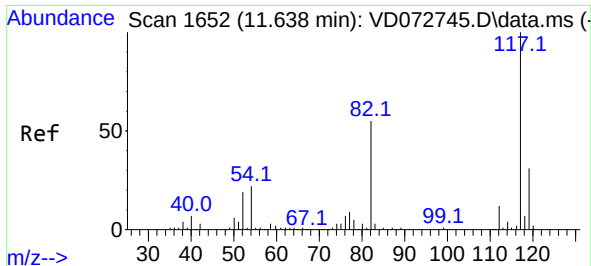
Tgt Ion: 98 Resp: 776893
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.484 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072796.D
Acq: 04 May 2022 18:47

Tgt Ion: 95 Resp: 309839
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 72.6 0.0 145.4

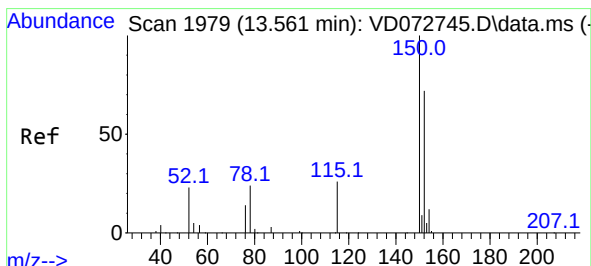
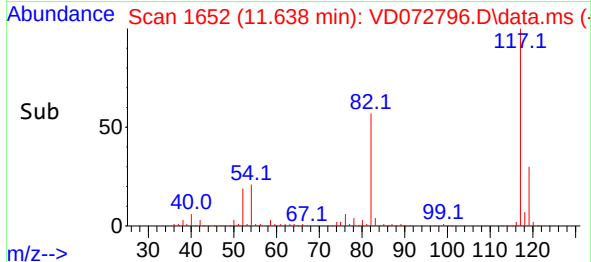
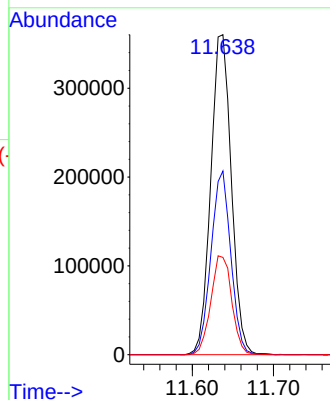
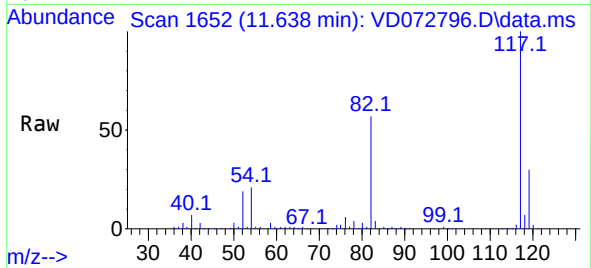




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072796.D
Acq: 04 May 2022 18:47

Instrument :
MSVOA_D
ClientSampleId :
SB-7,6

Tgt Ion:117 Resp: 633195
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 30.4 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: VD072796.D
Acq: 04 May 2022 18:47

Tgt Ion:152 Resp: 293849
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 158.1 0.0 348.6

