

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072010.D
 Acq On : 17 Feb 2022 13:36
 Operator : VA/SY
 Sample : N1579-02
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(1.5-2.0)

Quant Time: Feb 18 06:37:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	335679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	622278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	586952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214937	50.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.320%
35) Dibromofluoromethane	7.914	113	201782	49.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.332	98	805412	52.723	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.626	95	268109	50.258	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.520%

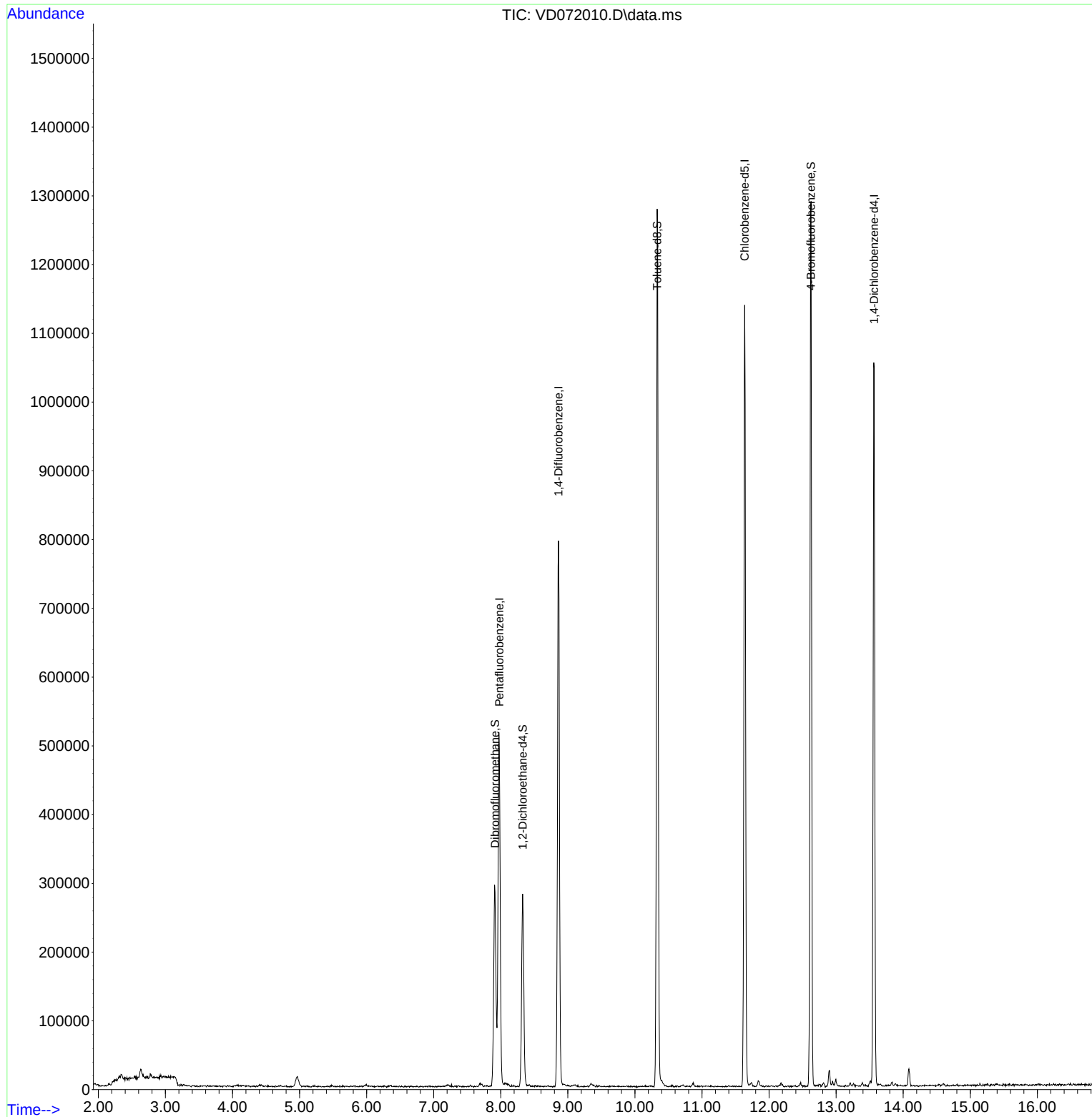
Target Compounds	Qvalue

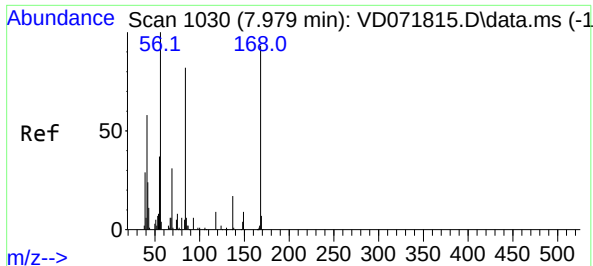
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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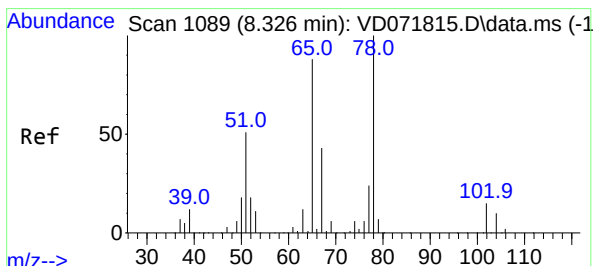
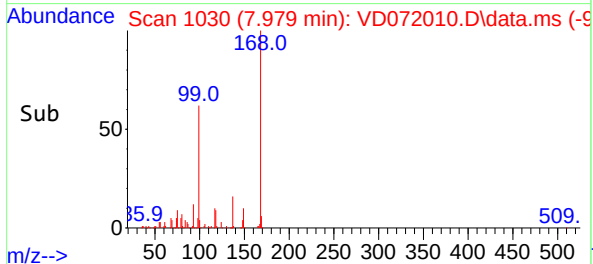
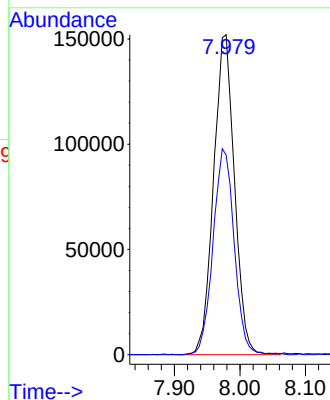
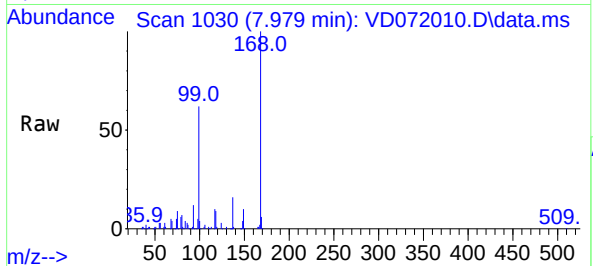




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

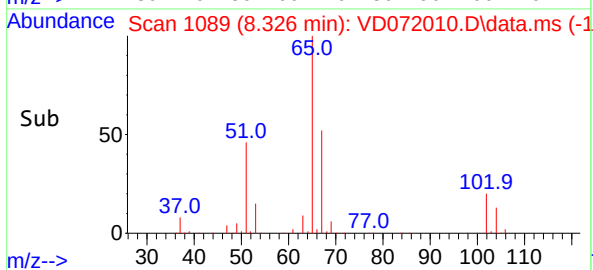
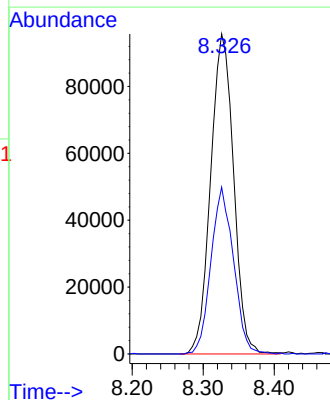
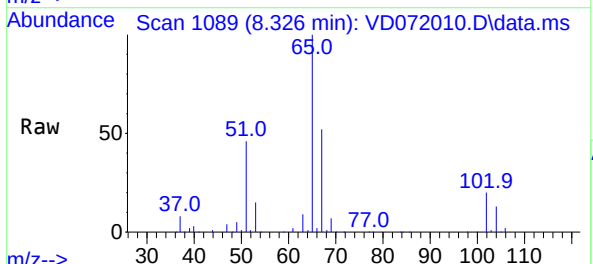
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(1.5-2.0)

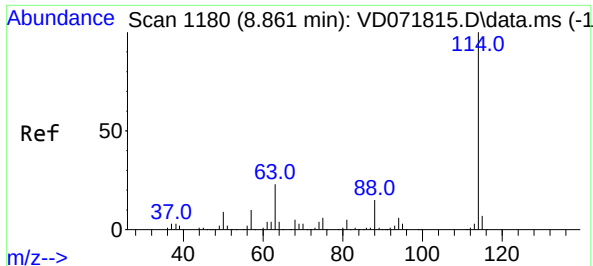
Tgt Ion:168 Resp: 335679
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.659 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Tgt Ion: 65 Resp: 214937
Ion Ratio Lower Upper
65 100
67 51.2 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: VD072010.D

Acq: 17 Feb 2022 13:36

Instrument :

MSVOA_D

ClientSampleId :

SB-6-(1.5-2.0)

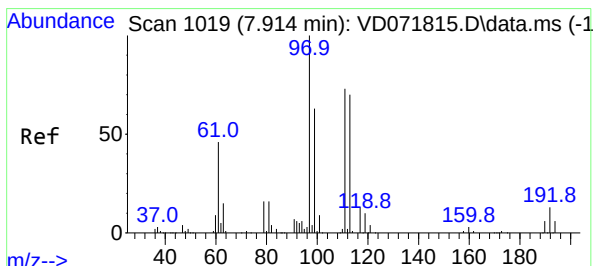
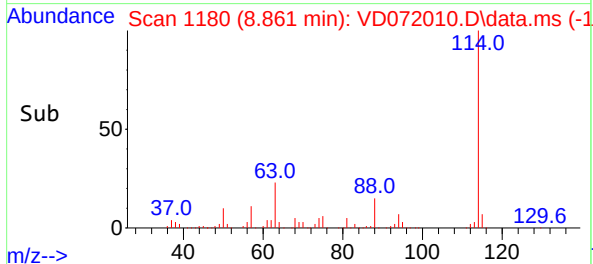
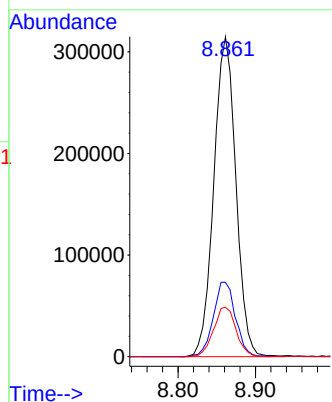
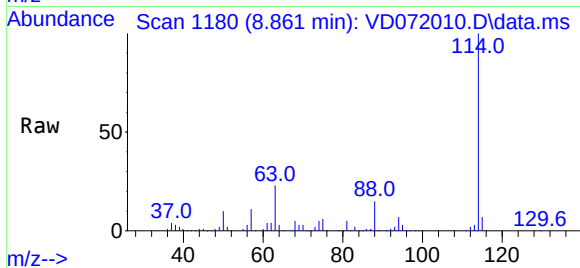
Tgt Ion:114 Resp: 622278

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.330 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072010.D

Acq: 17 Feb 2022 13:36

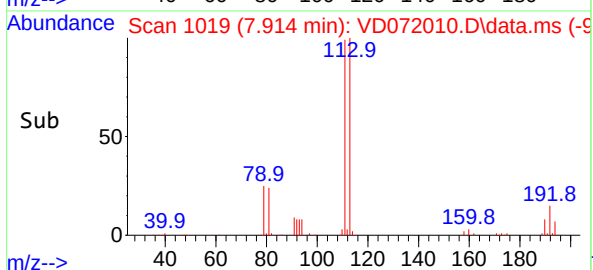
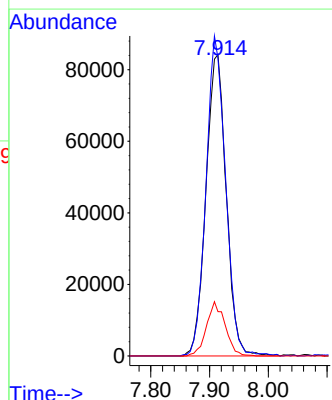
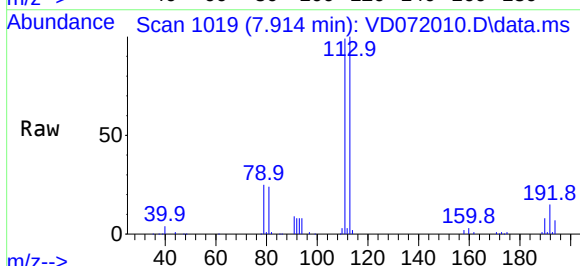
Tgt Ion:113 Resp: 201782

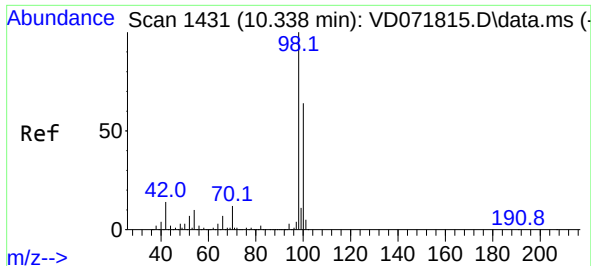
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 16.6 14.6 21.8

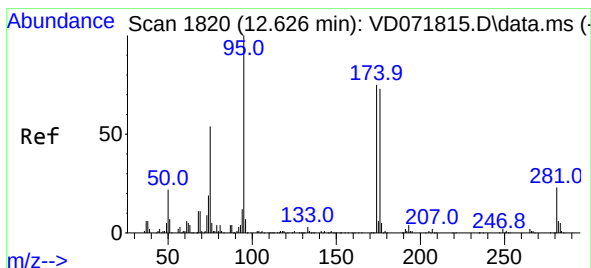
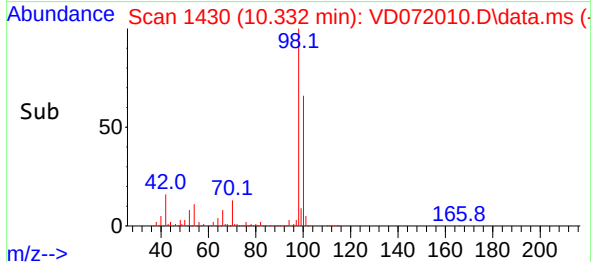
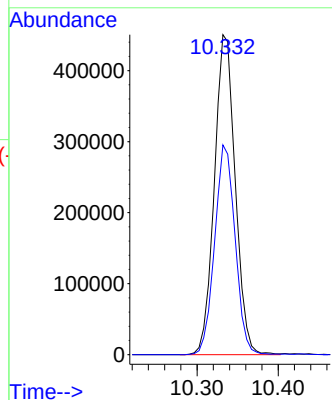
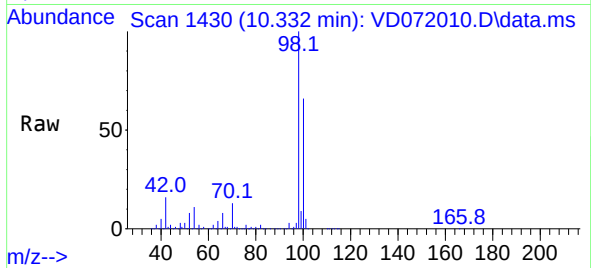




#50
Toluene-d8
Concen: 52.723 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

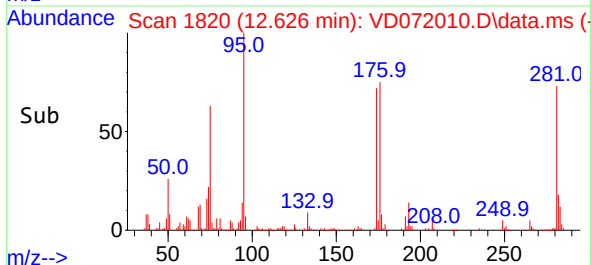
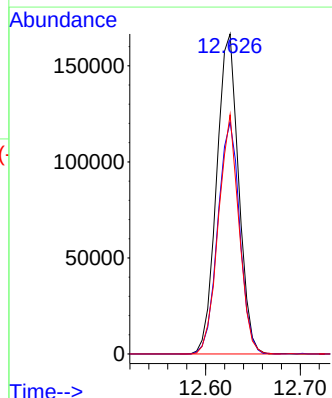
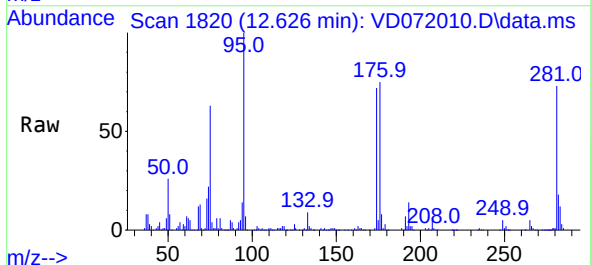
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SB-6-(1.5-2.0)

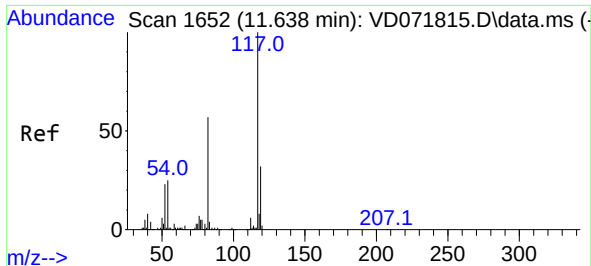
Tgt Ion: 98 Resp: 805412
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.258 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Tgt Ion: 95 Resp: 268109
Ion Ratio Lower Upper
95 100
174 72.5 0.0 152.8
176 70.2 0.0 145.4

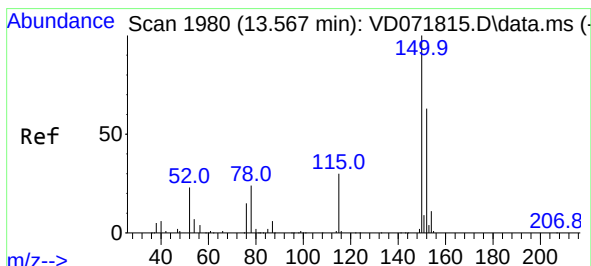
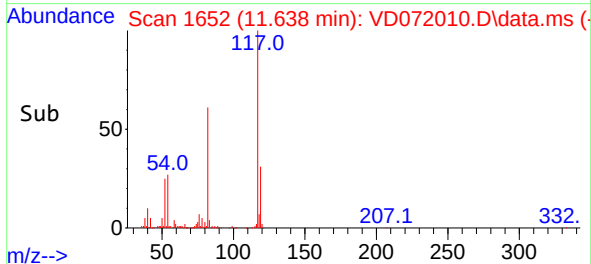
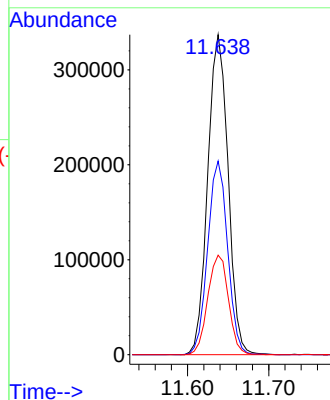
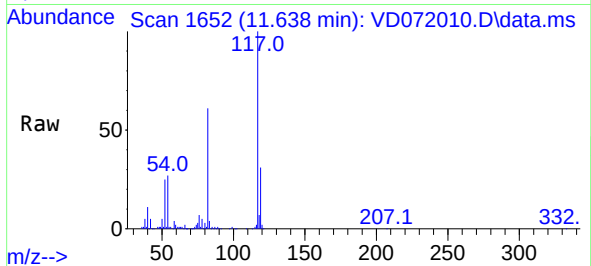




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(1.5-2.0)

Tgt Ion:117 Resp: 586952
Ion Ratio Lower Upper
117 100
82 60.5 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Tgt Ion:152 Resp: 242844
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 163.9 0.0 348.6

