

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072608.D
 Acq On : 18 Apr 2022 20:12
 Operator : VA/SY
 Sample : N2444-10
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10

Quant Time: Apr 19 02:53:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	384224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	784987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	764028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	341619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246196	52.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.940%
35) Dibromofluoromethane	7.909	113	255809	41.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.860%
50) Toluene-d8	10.332	98	950261	44.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.620	95	335615	40.525	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.040%

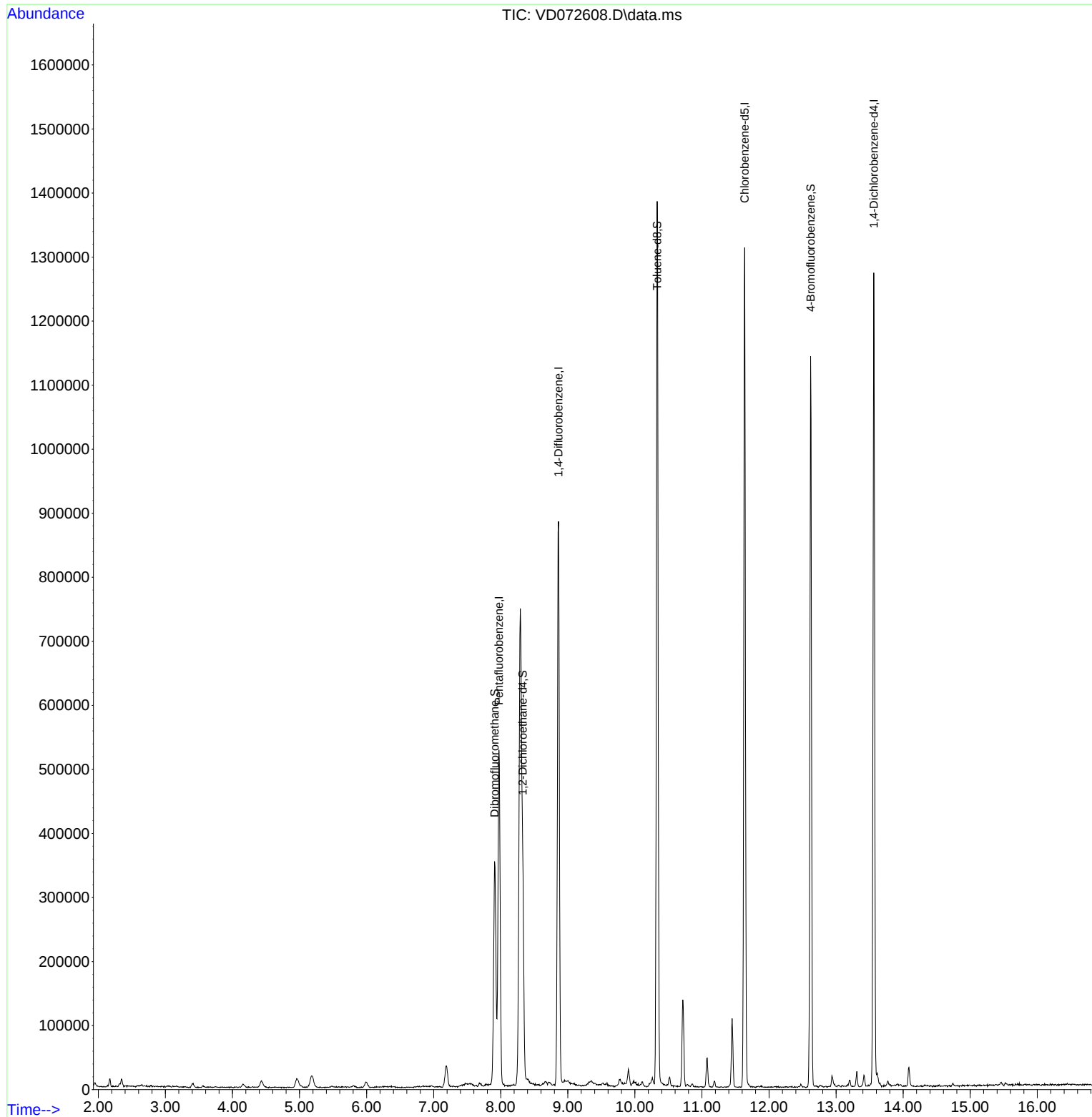
Target Compounds	Qvalue

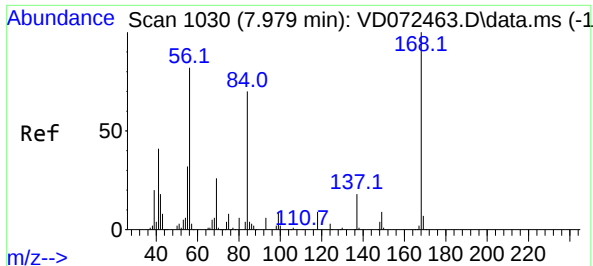
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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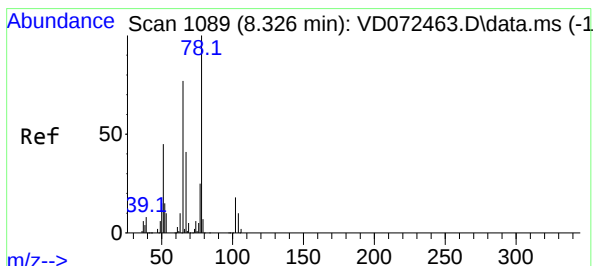
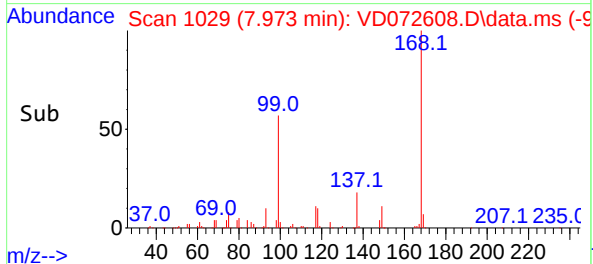
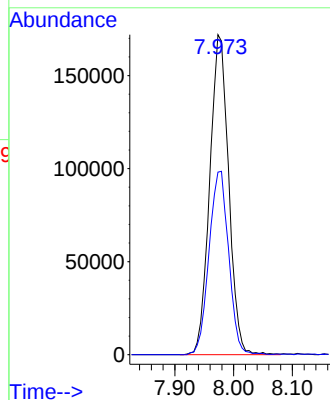
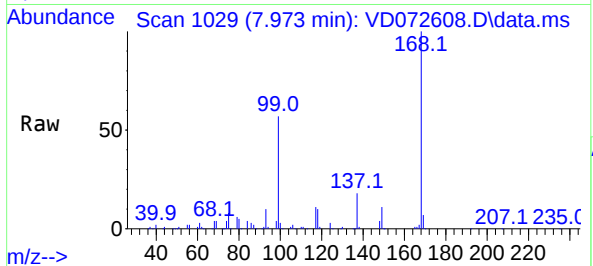




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

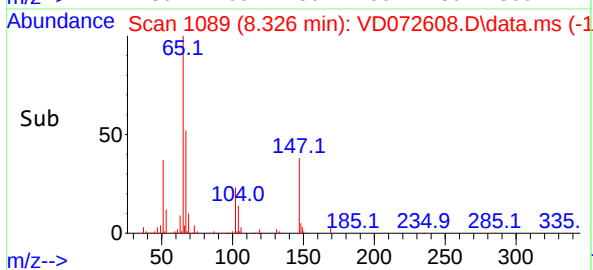
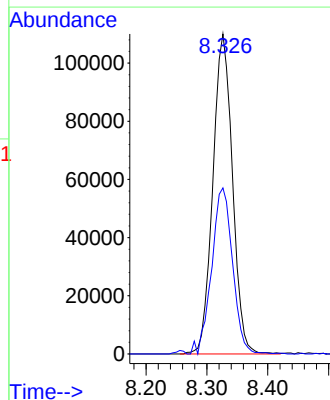
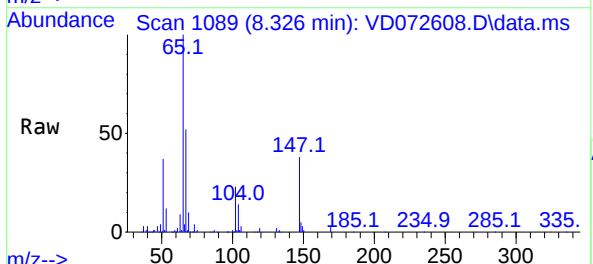
Instrument :
MSVOA_D
ClientSampleId :
SB-10

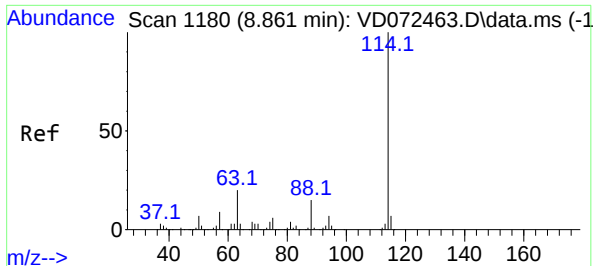
Tgt Ion:168 Resp: 384224
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.969 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 65 Resp: 246196
Ion Ratio Lower Upper
65 100
67 55.3 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: VD072608.D

Acq: 18 Apr 2022 20:12

Instrument :

MSVOA_D

ClientSampleId :

SB-10

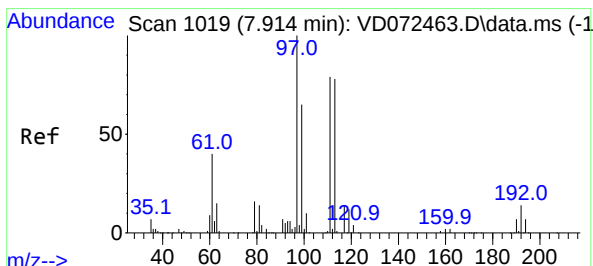
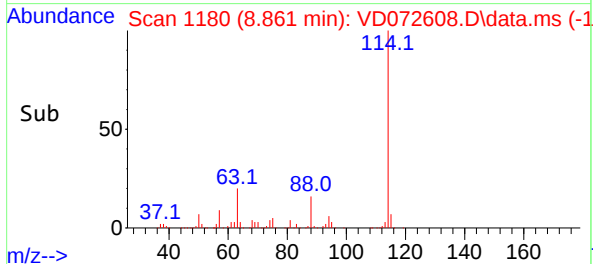
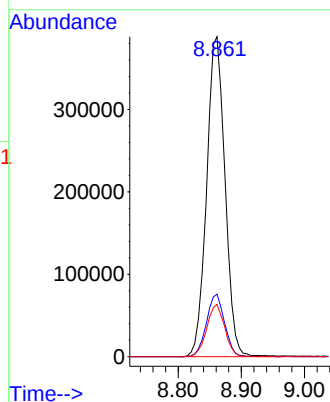
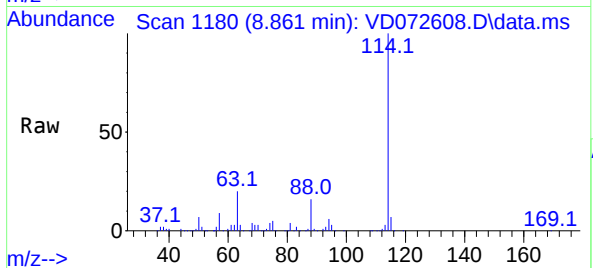
Tgt Ion:114 Resp: 784987

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.933 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072608.D

Acq: 18 Apr 2022 20:12

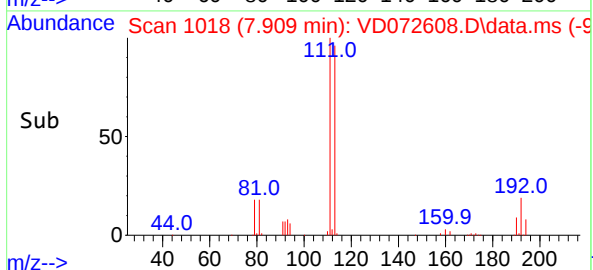
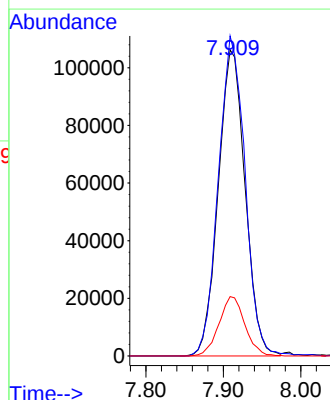
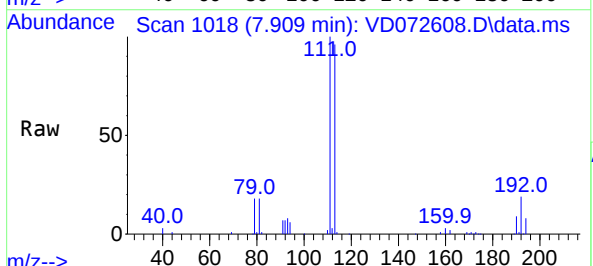
Tgt Ion:113 Resp: 255809

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 18.7 14.6 21.8

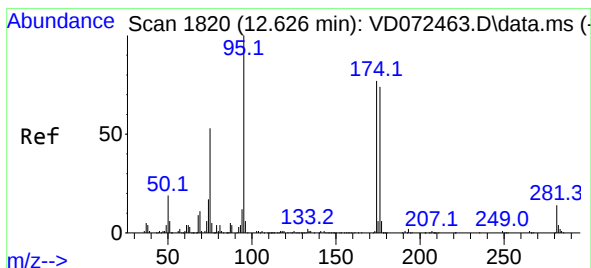
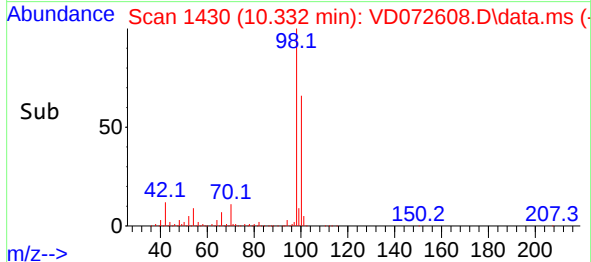
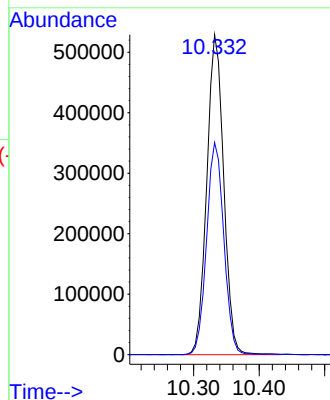
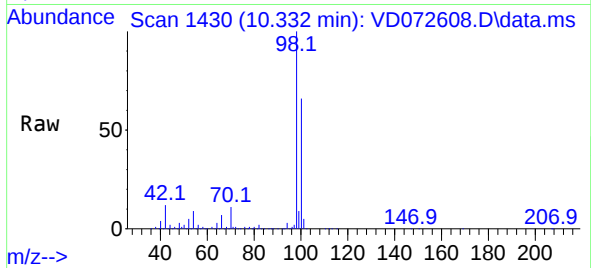




#50
Toluene-d8
Concen: 44.812 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

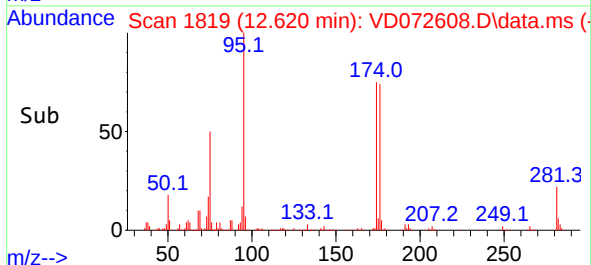
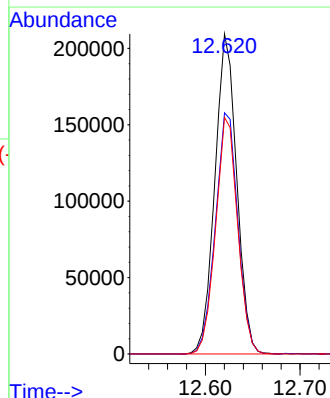
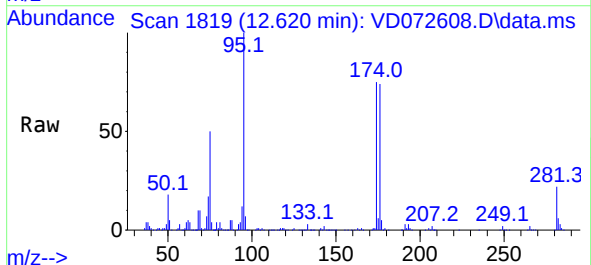
Instrument :
MSVOA_D
ClientSampleId :
SB-10

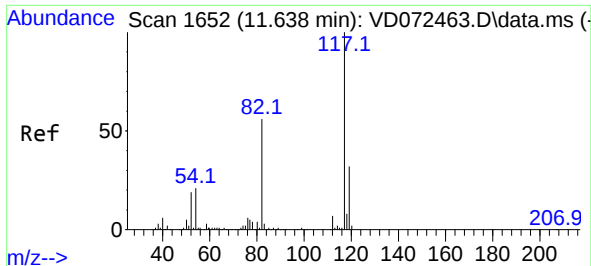
Tgt Ion: 98 Resp: 950261
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.525 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

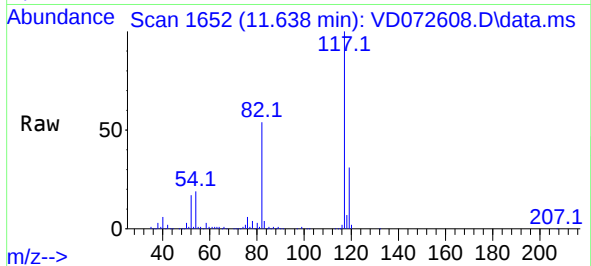
Tgt Ion: 95 Resp: 335615
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.4 0.0 145.4



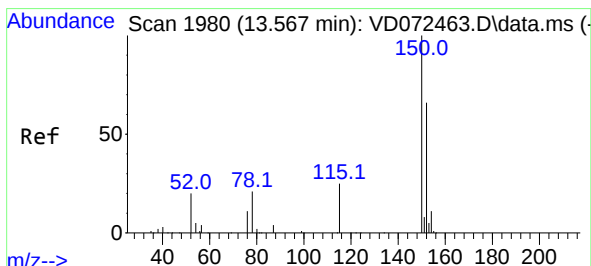
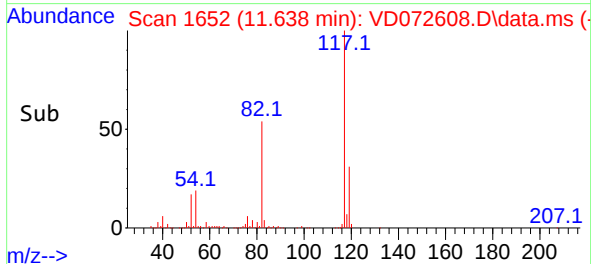
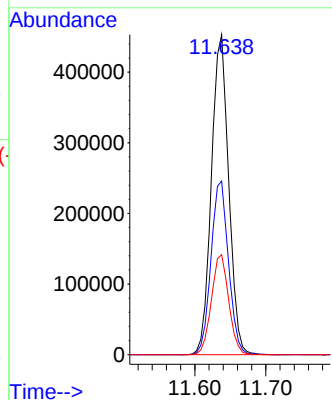


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Instrument :
MSVOA_D
ClientSampleId :
SB-10



Tgt Ion:117 Resp: 764028
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion:152 Resp: 341619
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 160.0 0.0 348.6

