

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072607.D
 Acq On : 18 Apr 2022 19:44
 Operator : VA/SY
 Sample : N2444-09
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8

Quant Time: Apr 19 02:52:57 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	7.979	168	407946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	824501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	791460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	355956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246335	49.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.840%
35) Dibromofluoromethane	7.908	113	265444	41.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.860%
50) Toluene-d8	10.332	98	996555	44.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.480%
62) 4-Bromofluorobenzene	12.620	95	344734	39.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.260%

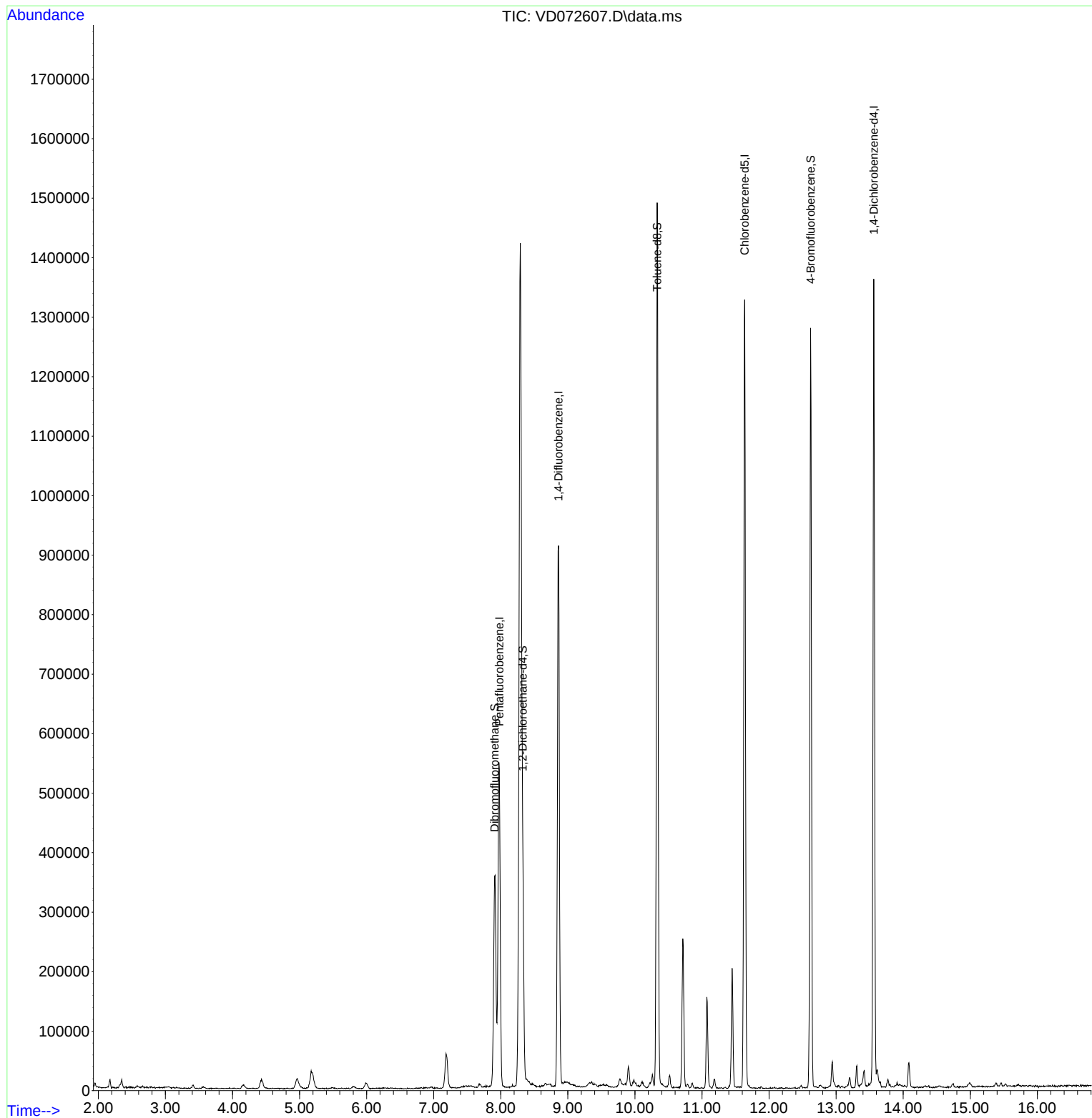
Target Compounds	Qvalue

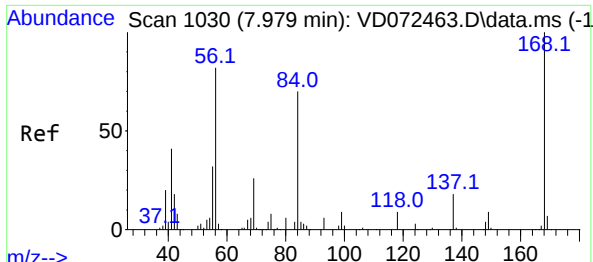
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

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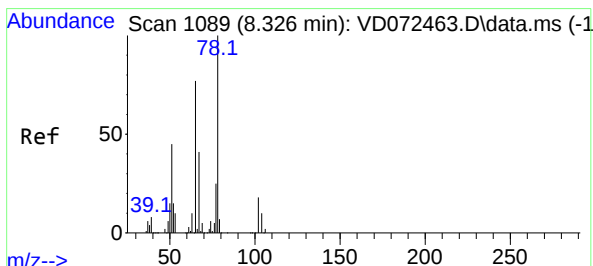
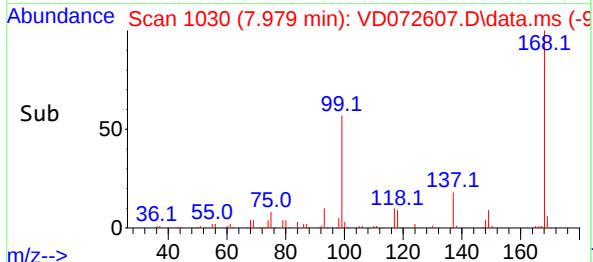
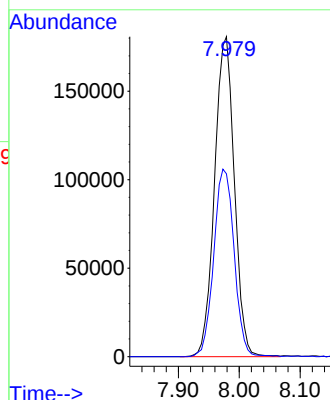
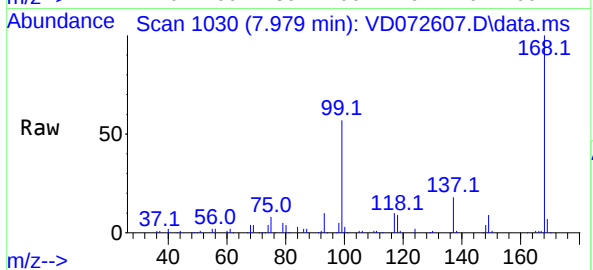
SB-8

Tgt Ion:168 Resp: 407946

Ion Ratio Lower Upper

168 100

99 57.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072607.D

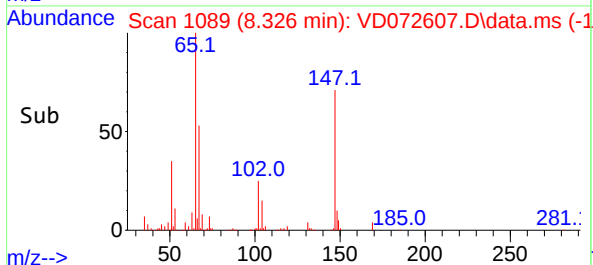
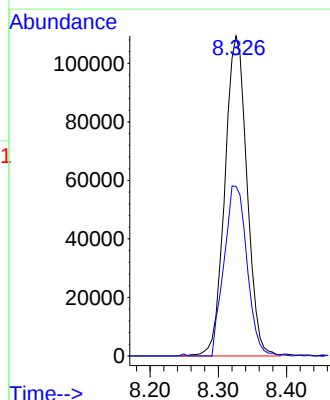
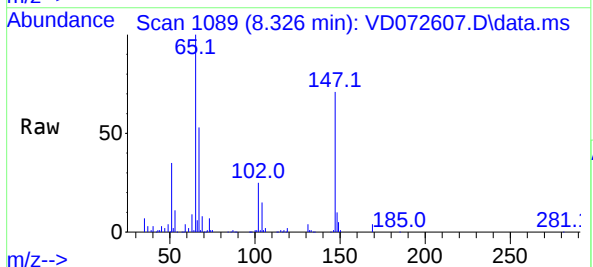
Acq: 18 Apr 2022 19:44

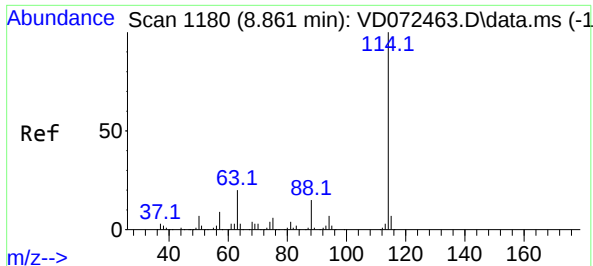
Tgt Ion: 65 Resp: 246335

Ion Ratio Lower Upper

65 100

67 55.4 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: VD072607.D

Acq: 18 Apr 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

SB-8

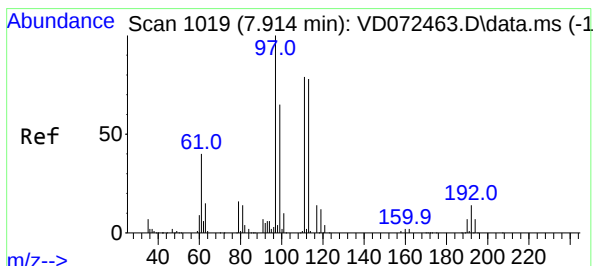
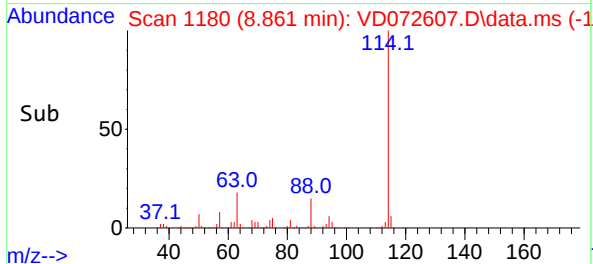
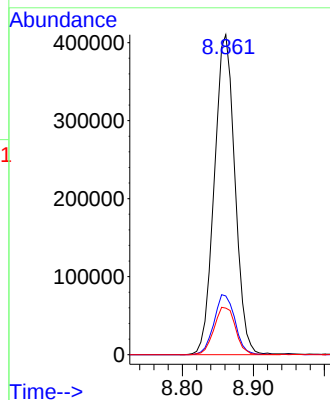
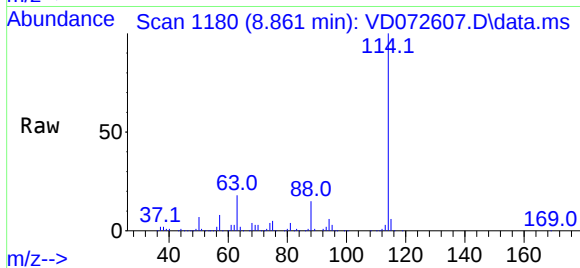
Tgt Ion:114 Resp: 824501

Ion Ratio Lower Upper

114 100

63 18.4 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.427 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072607.D

Acq: 18 Apr 2022 19:44

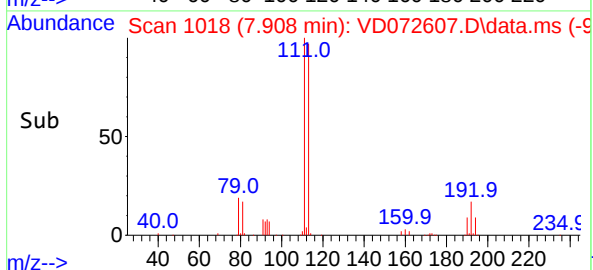
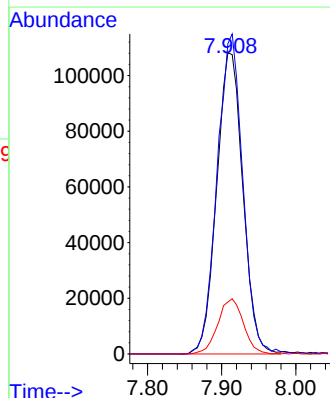
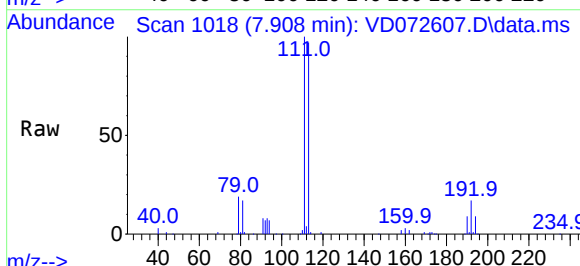
Tgt Ion:113 Resp: 265444

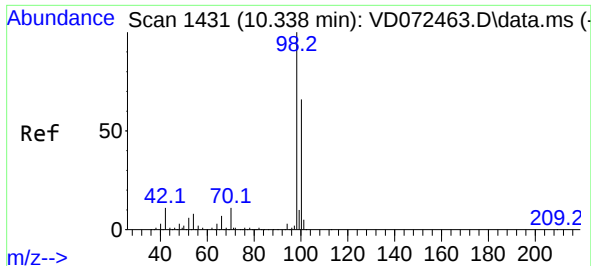
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.9 14.6 21.8

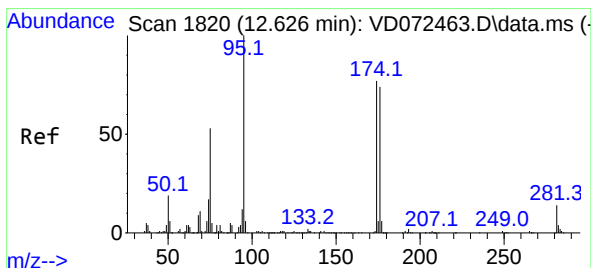
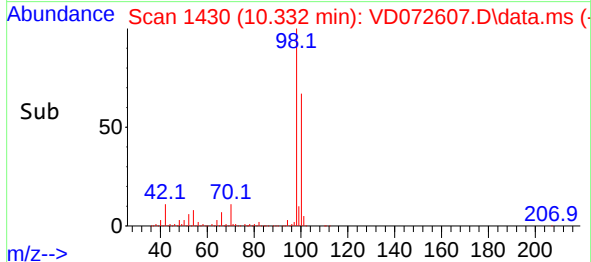
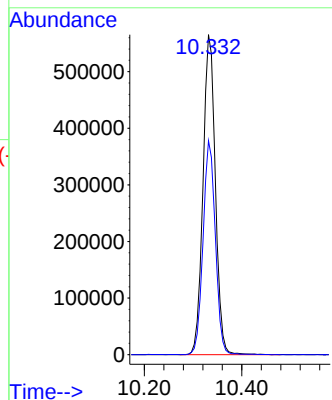
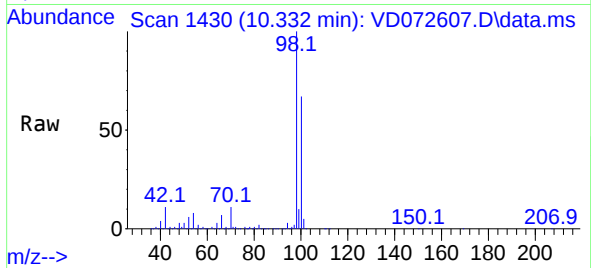




#50
Toluene-d8
Concen: 44.743 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072607.D
Acq: 18 Apr 2022 19:44

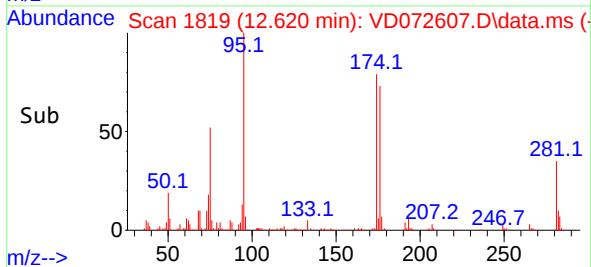
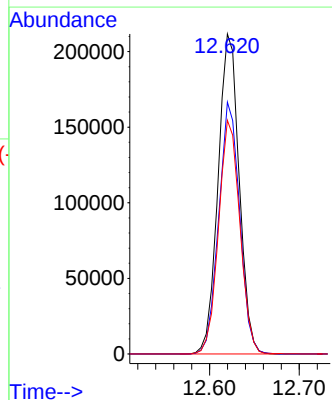
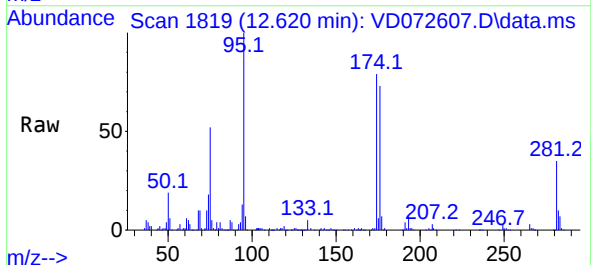
Instrument :
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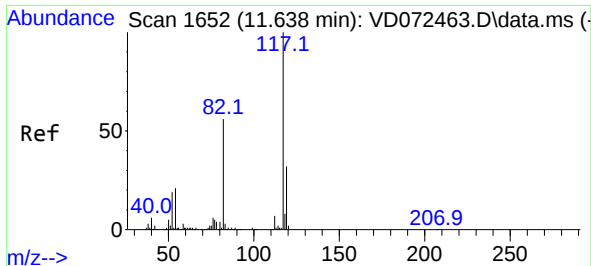
Tgt Ion: 98 Resp: 996555
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.631 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072607.D
Acq: 18 Apr 2022 19:44

Tgt Ion: 95 Resp: 344734
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 73.8 0.0 145.4

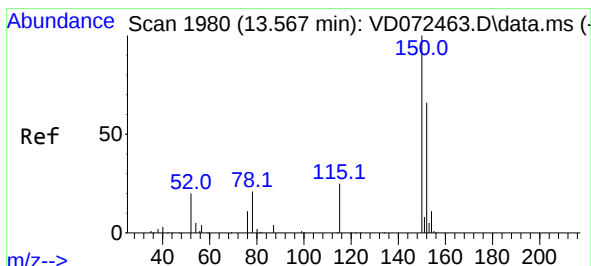
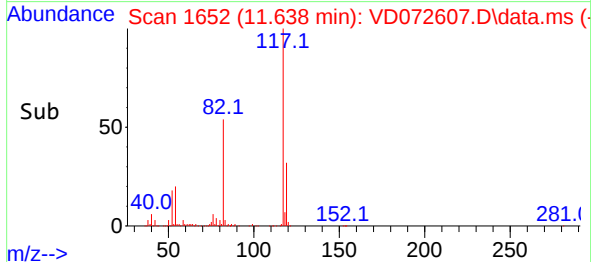
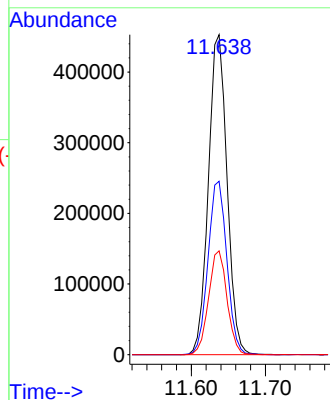
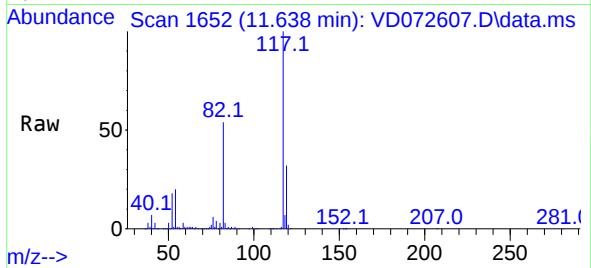




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD072607.D
Acq: 18 Apr 2022 19:44

Instrument :
MSVOA_D
ClientSampleId :
SB-8

Tgt Ion:117 Resp: 791460
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 32.5 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: VD072607.D
Acq: 18 Apr 2022 19:44

Tgt Ion:152 Resp: 355956
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 156.9 0.0 348.6

