

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071914.D
 Acq On : 08 Feb 2022 13:26
 Operator : VA/SY
 Sample : N1423-06
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-23

Quant Time: Feb 09 03:50:36 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	202212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	368305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	377831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	171969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177473	69.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.880%
35) Dibromofluoromethane	7.909	113	141849	58.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.180%
50) Toluene-d8	10.338	98	471093	52.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.620	95	166123	52.614	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.220%

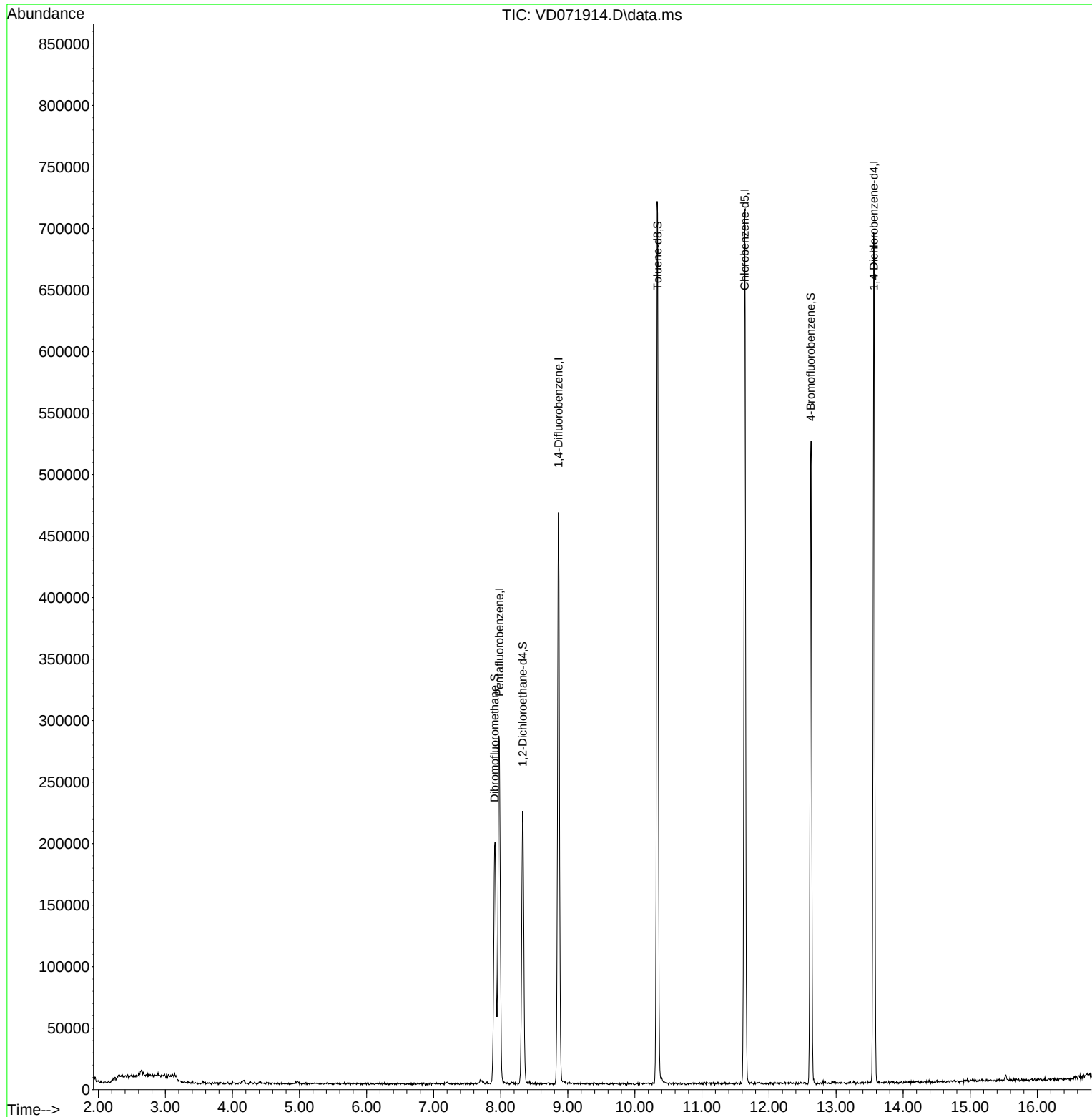
Target Compounds	Qvalue

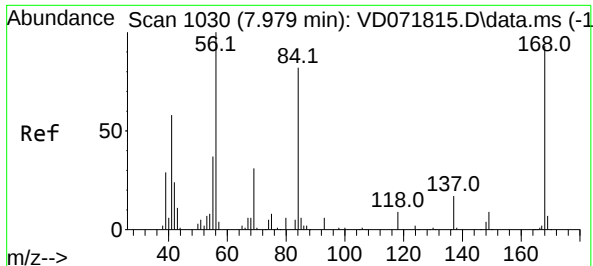
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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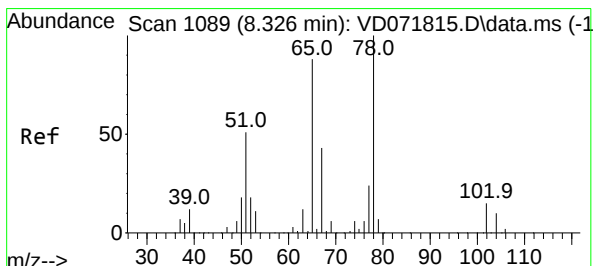
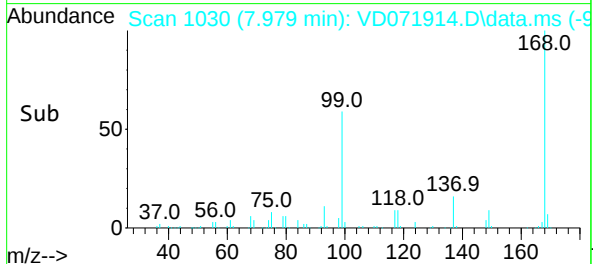
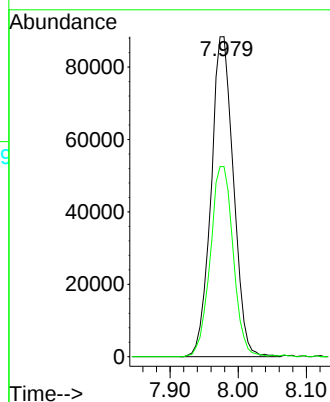
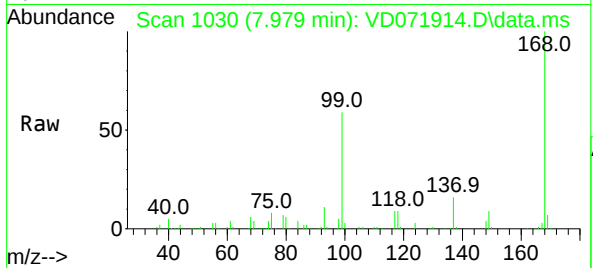




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

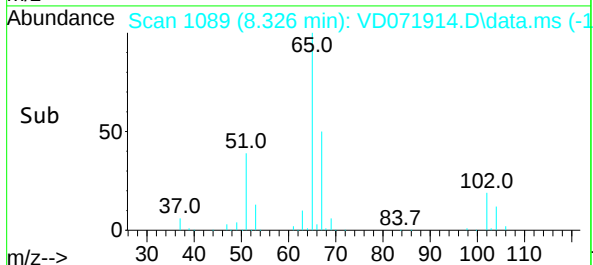
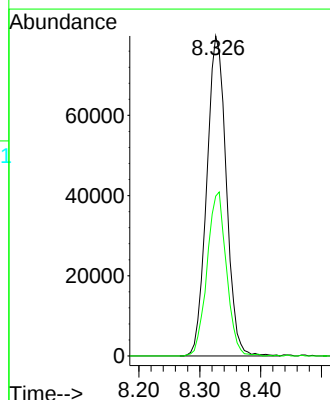
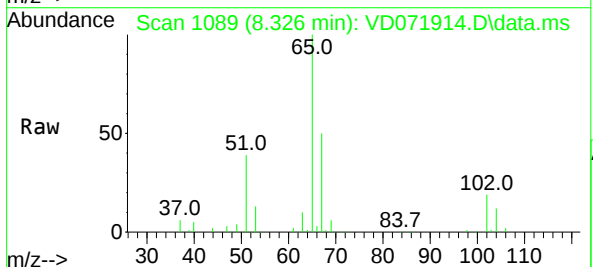
Instrument :
MSVOA_D
ClientSampleId :
TP-23

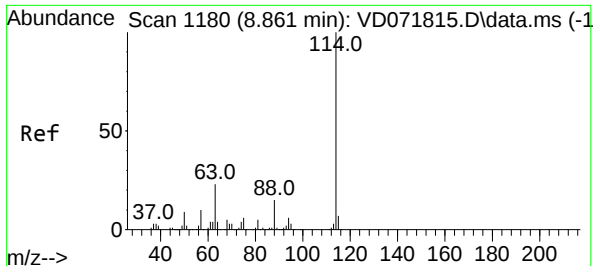
Tgt Ion:168 Resp: 202212
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 69.438 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 65 Resp: 177473
Ion Ratio Lower Upper
65 100
67 50.8 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: VD071914.D

Acq: 08 Feb 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

TP-23

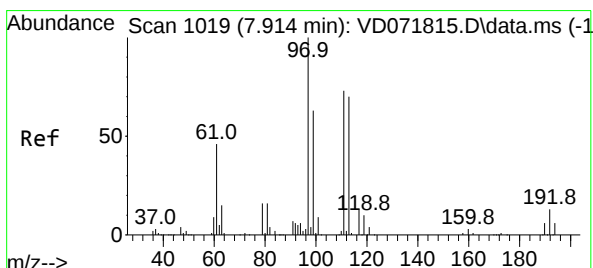
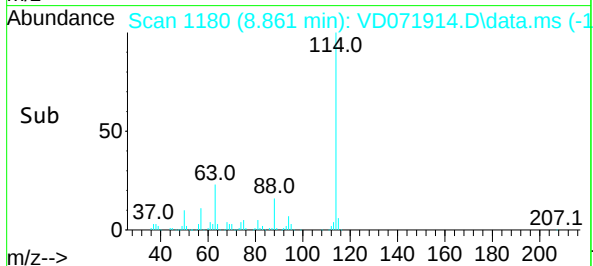
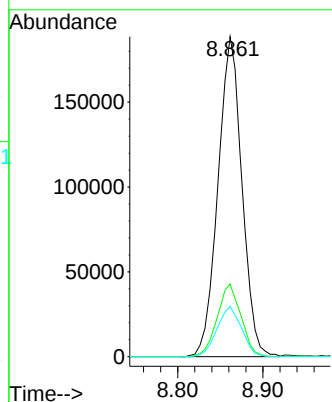
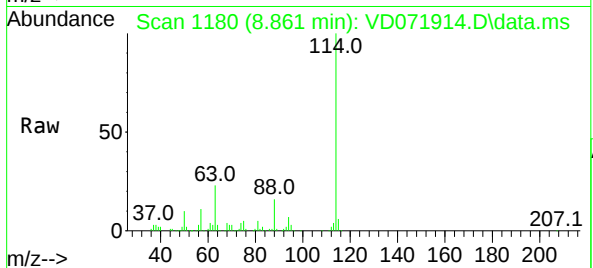
Tgt Ion:114 Resp: 368305

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 58.592 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071914.D

Acq: 08 Feb 2022 13:26

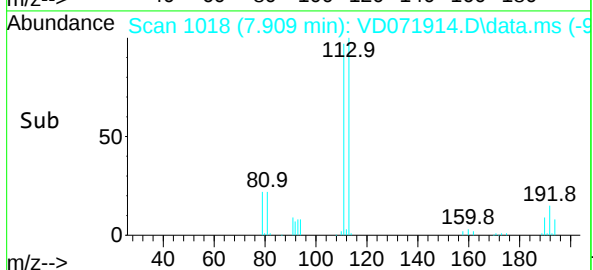
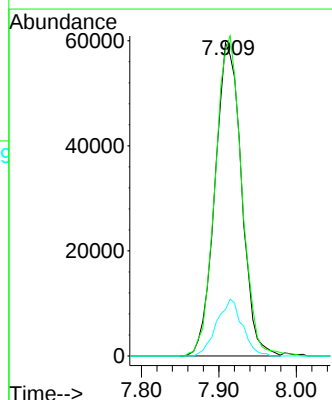
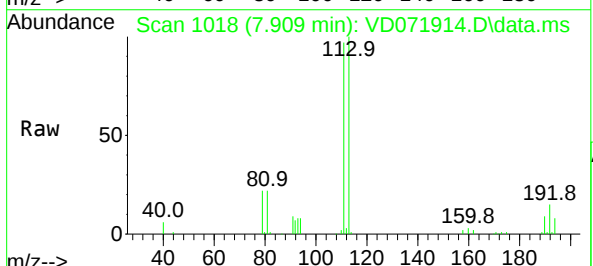
Tgt Ion:113 Resp: 141849

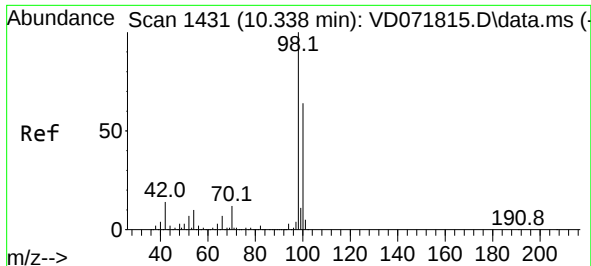
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.5 14.6 21.8

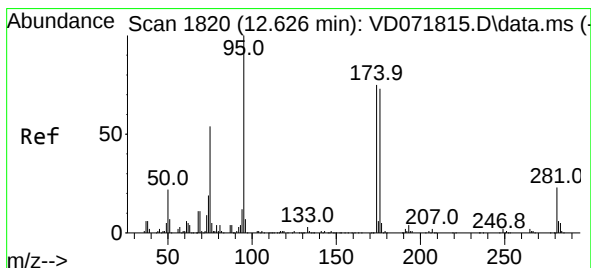
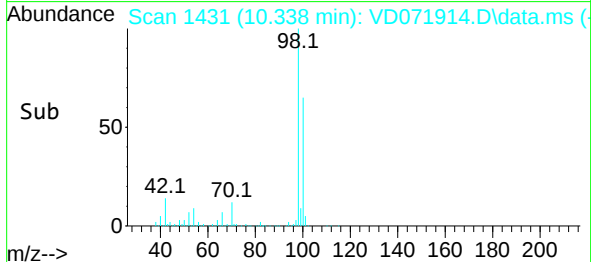
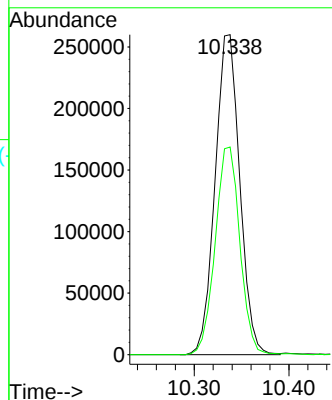
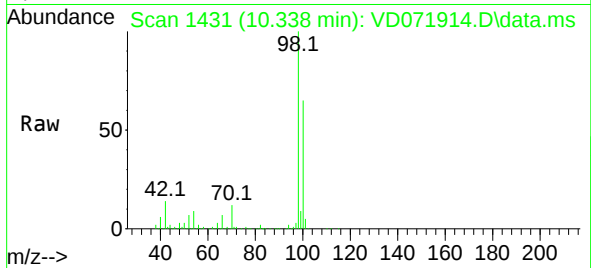




#50
Toluene-d8
Concen: 52.103 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

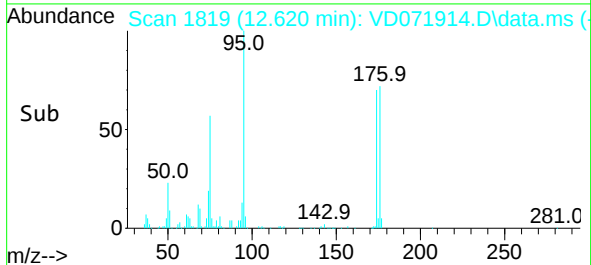
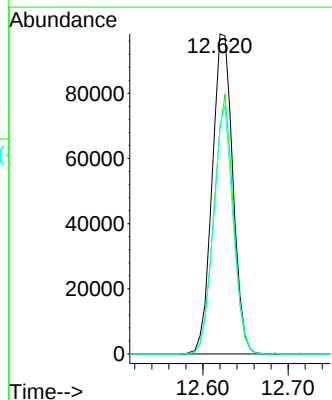
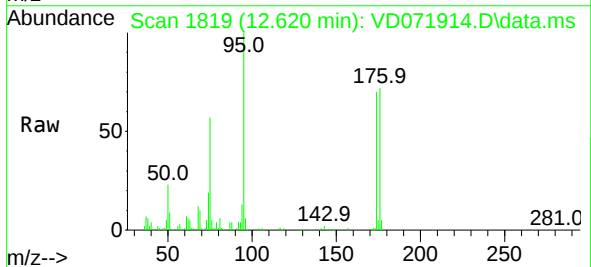
Instrument :
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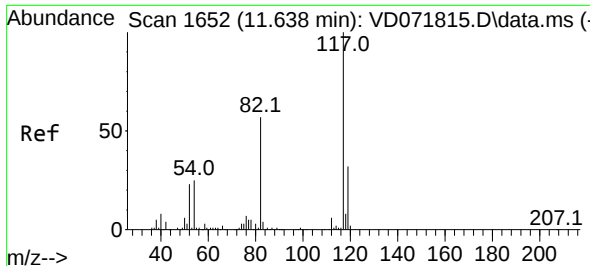
Tgt Ion: 98 Resp: 471093
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.614 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion: 95 Resp: 166123
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.7 0.0 145.4

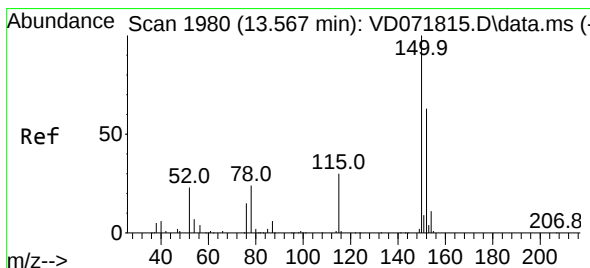
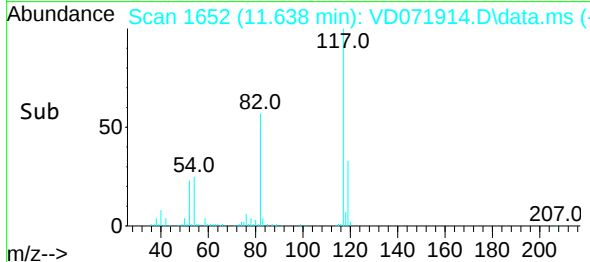
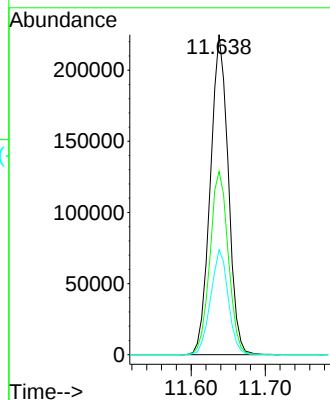
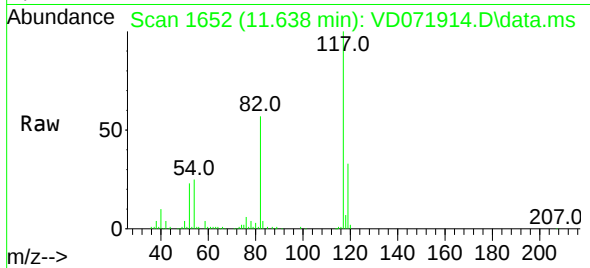




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071914.D
Acq: 08 Feb 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
TP-23

Tgt Ion:117 Resp: 377831
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.8 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: VD071914.D
Acq: 08 Feb 2022 13:26

Tgt Ion:152 Resp: 171969
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.7 0.0 348.6

