

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073980.D
 Acq On : 08 Aug 2022 18:53
 Operator : VA/SY
 Sample : N4023-04RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-1-6RE

Quant Time: Aug 08 19:13:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	10577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	18139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	18718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	8800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8841	118.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	236.620%#
35) Dibromofluoromethane	7.903	113	7248	64.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.720%
50) Toluene-d8	10.326	98	14834	48.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.620	95	7303	49.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.080%

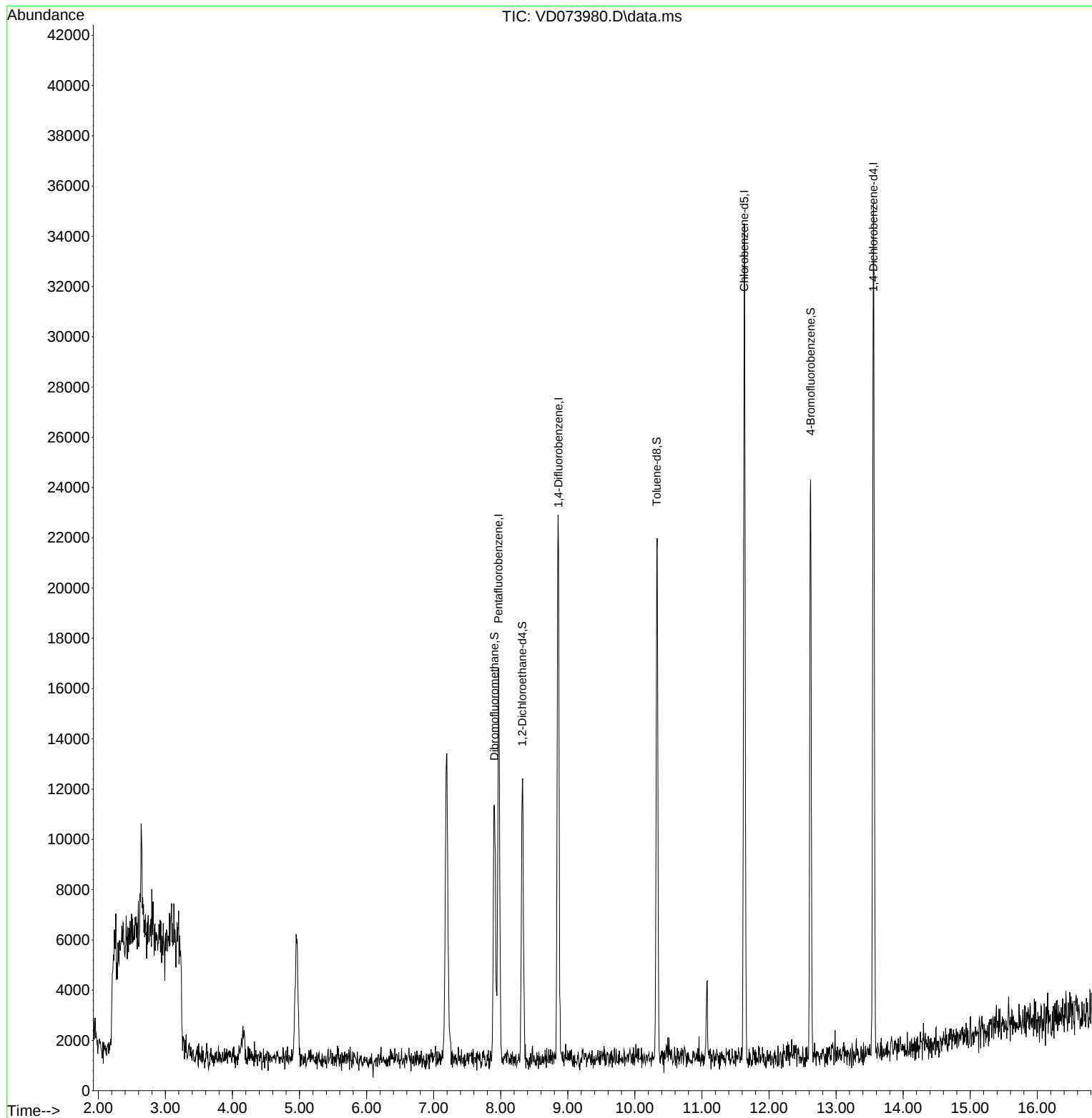
Target Compounds	Qvalue

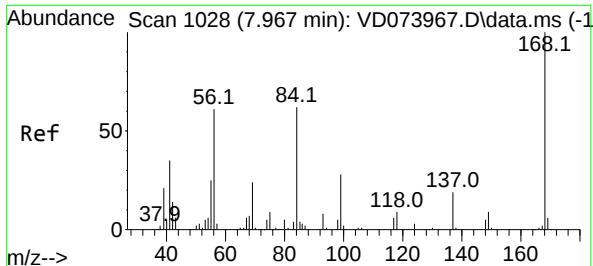
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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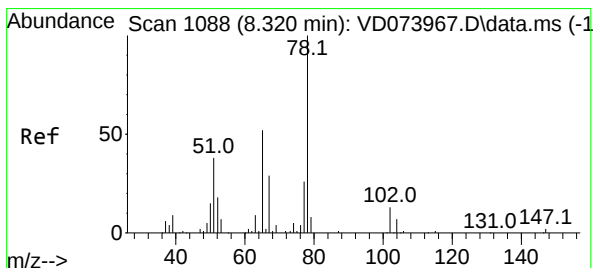
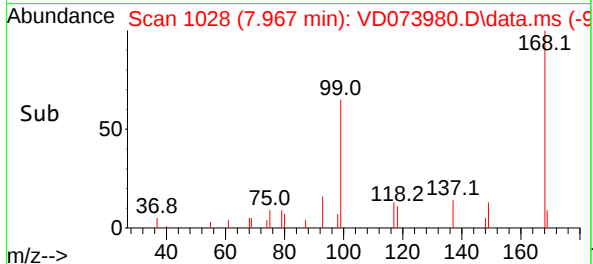
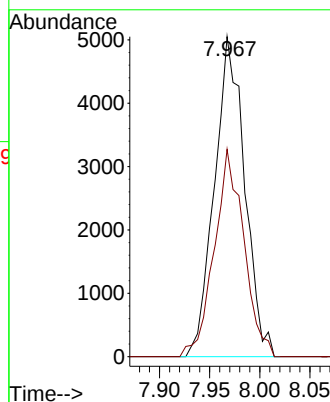
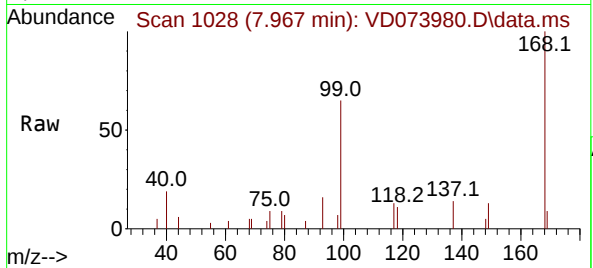




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073980.D
Acq: 08 Aug 2022 18:53

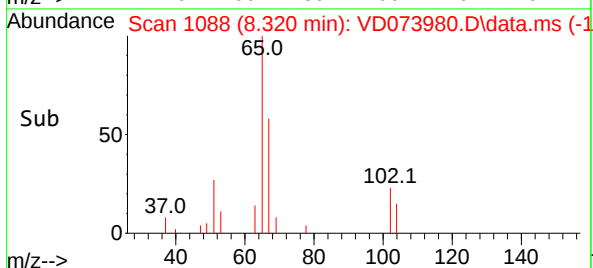
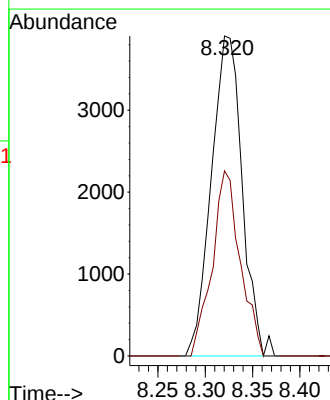
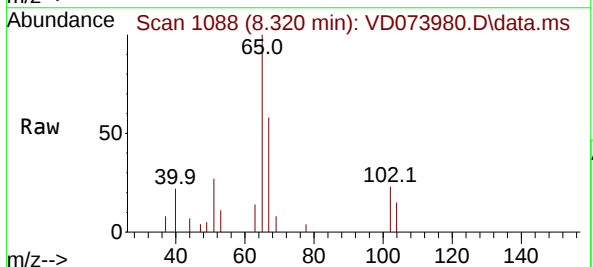
Instrument :
MSVOA_D
ClientSampleId :
TP2-1-6RE

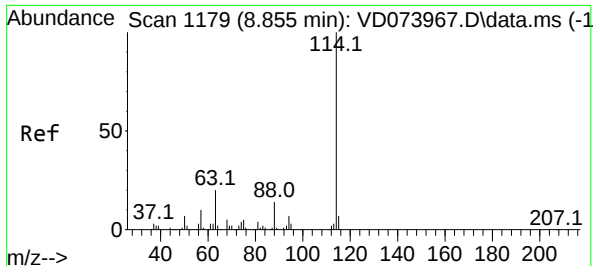
Tgt Ion:168 Resp: 10577
Ion Ratio Lower Upper
168 100
99 64.8 46.2 69.4



#33
1,2-Dichloroethane-d4
Concen: 118.314 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073980.D
Acq: 08 Aug 2022 18:53

Tgt Ion: 65 Resp: 8841
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073980.D

Acq: 08 Aug 2022 18:53

Instrument :

MSVOA_D

ClientSampleId :

TP2-1-6RE

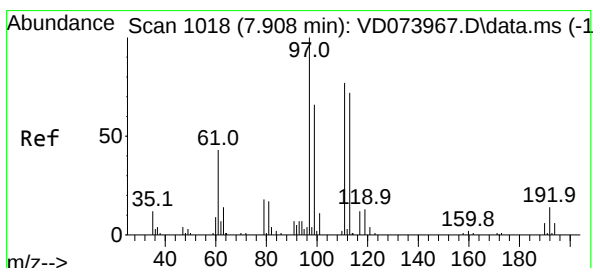
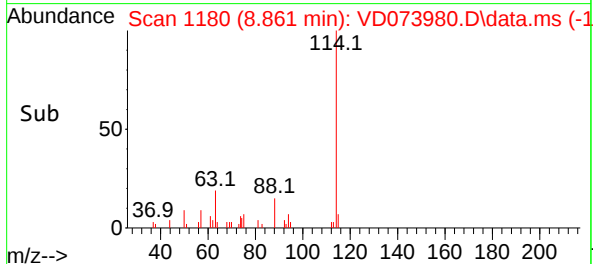
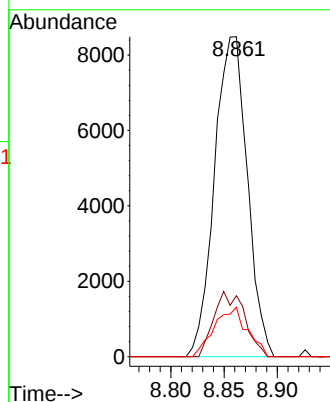
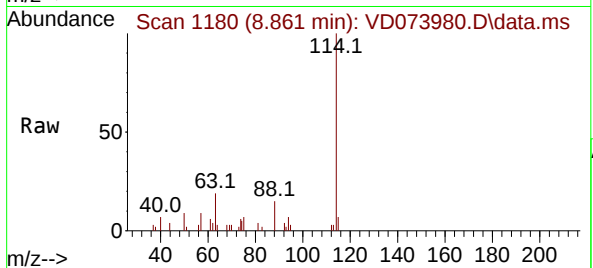
Tgt Ion:114 Resp: 18139

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

88 15.5 0.0 28.0



#35

Dibromofluoromethane

Concen: 64.858 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073980.D

Acq: 08 Aug 2022 18:53

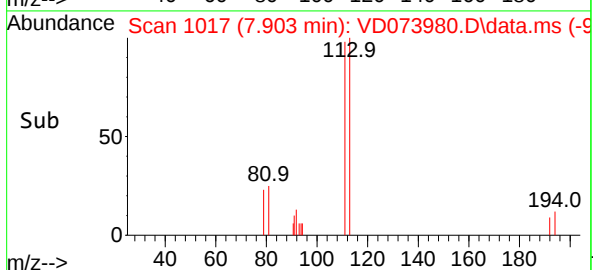
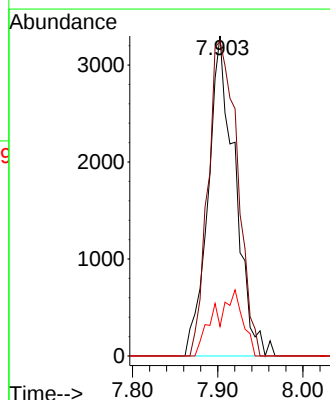
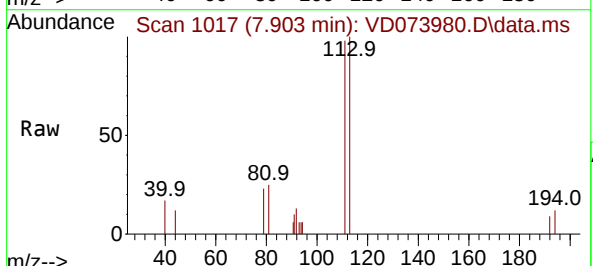
Tgt Ion:113 Resp: 7248

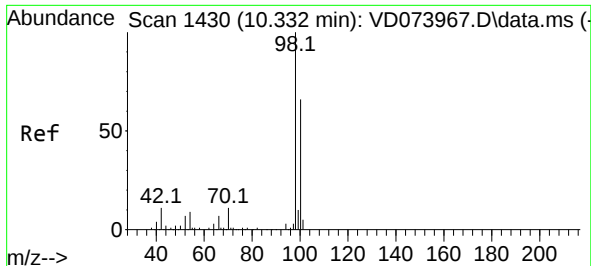
Ion Ratio Lower Upper

113 100

111 107.8 83.0 124.4

192 21.2 14.8 22.2

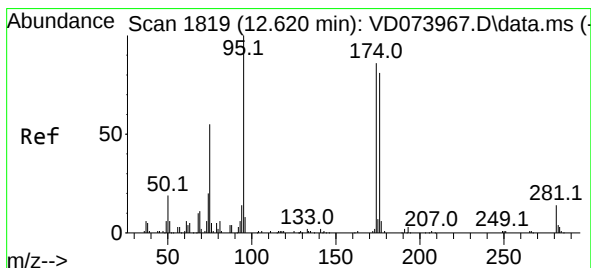
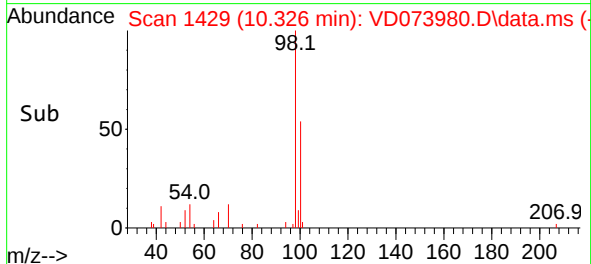
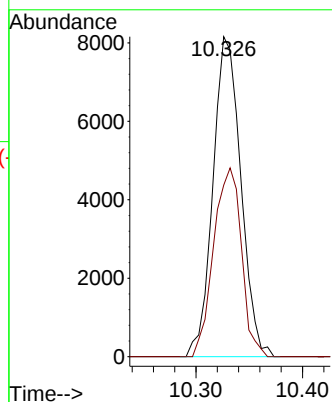
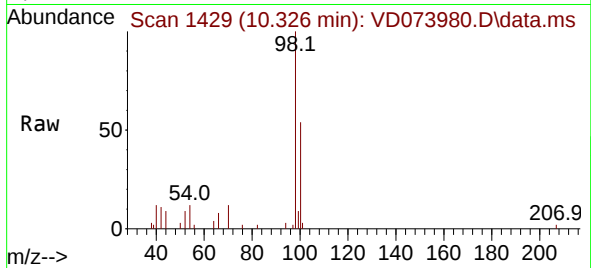




#50
Toluene-d8
Concen: 48.068 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073980.D
Acq: 08 Aug 2022 18:53

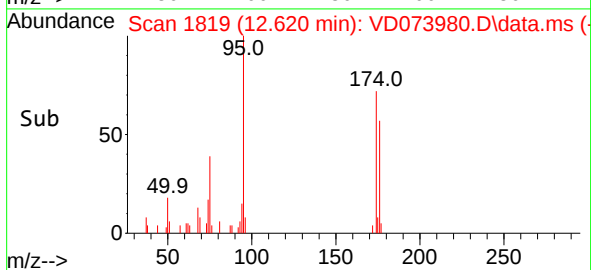
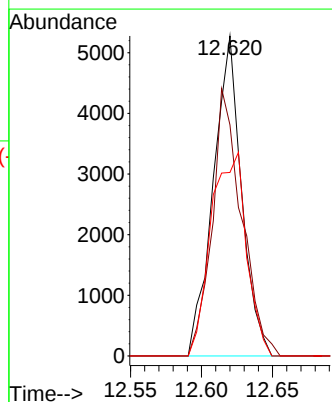
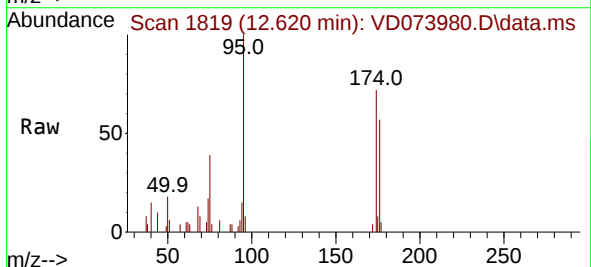
Instrument :
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TP2-1-6RE

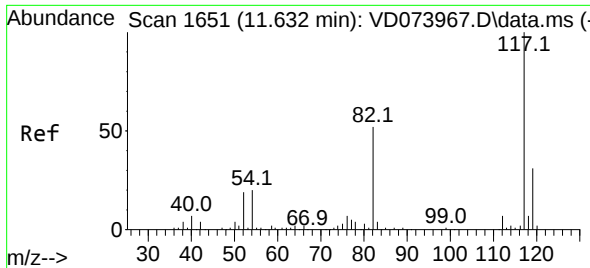
Tgt Ion: 98 Resp: 14834
Ion Ratio Lower Upper
98 100
100 58.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.036 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073980.D
Acq: 08 Aug 2022 18:53

Tgt Ion: 95 Resp: 7303
Ion Ratio Lower Upper
95 100
174 86.9 0.0 163.0
176 79.4 0.0 154.8

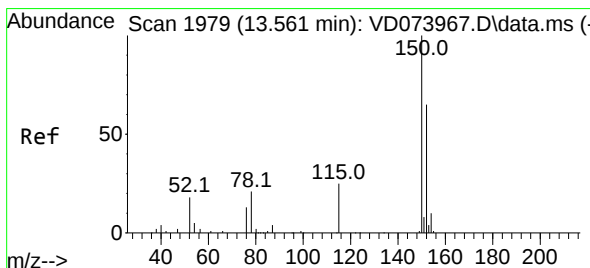
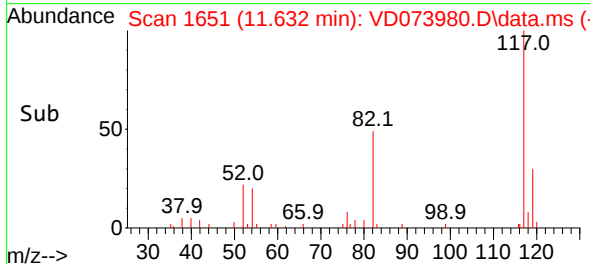
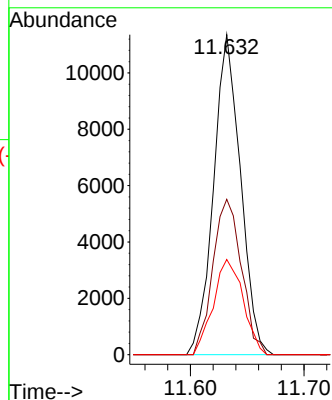
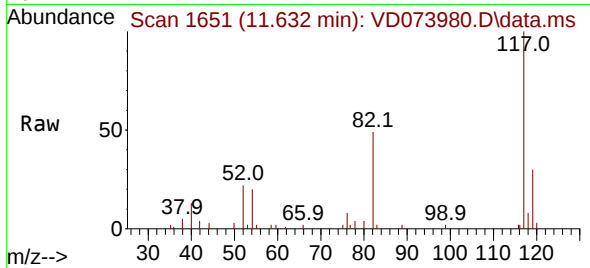




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VD073980.D
Acq: 08 Aug 2022 18:53

Instrument :
MSVOA_D
ClientSampleId :
TP2-1-6RE

Tgt Ion:117 Resp: 18718
Ion Ratio Lower Upper
117 100
82 48.6 42.0 63.0
119 29.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073980.D
Acq: 08 Aug 2022 18:53

Tgt Ion:152 Resp: 8800
Ion Ratio Lower Upper
152 100
115 63.0 30.4 91.3
150 162.8 0.0 357.2

