

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073923.D
 Acq On : 02 Aug 2022 13:29
 Operator : VA/SY
 Sample : N3947-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NSB08-14-15

Quant Time: Aug 03 04:11:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	125079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	251632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	230506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	107733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67811	67.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.020%
35) Dibromofluoromethane	7.908	113	84640	54.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.280%
50) Toluene-d8	10.332	98	305418	57.994	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.980%
62) 4-Bromofluorobenzene	12.620	95	101351	52.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.660%

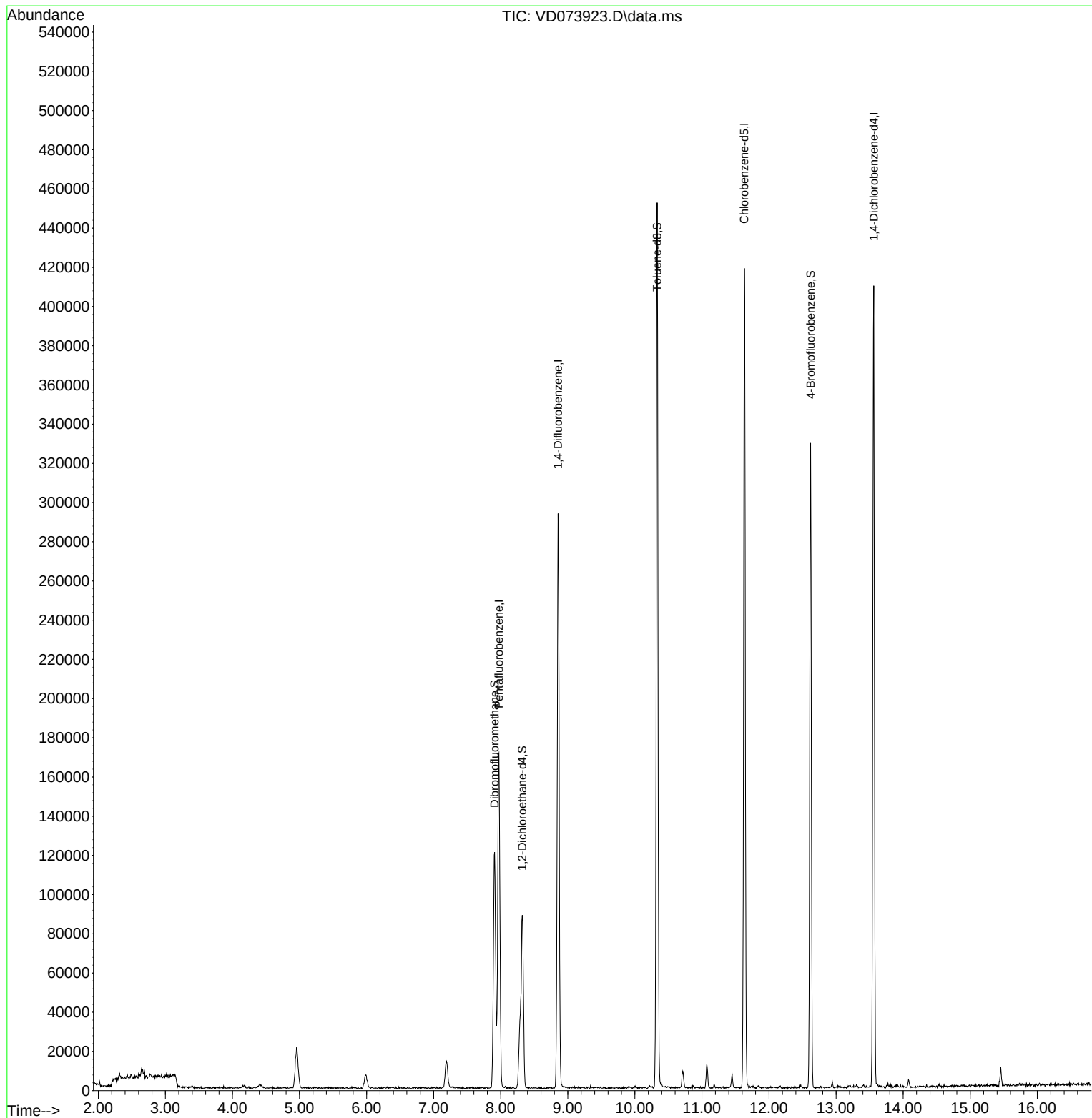
Target Compounds	Qvalue

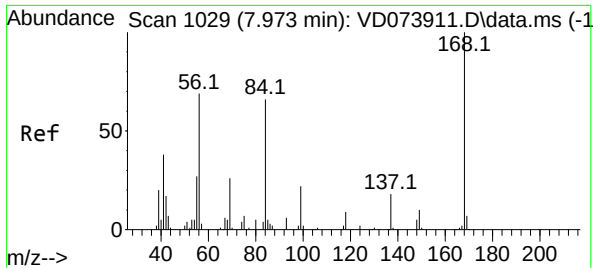
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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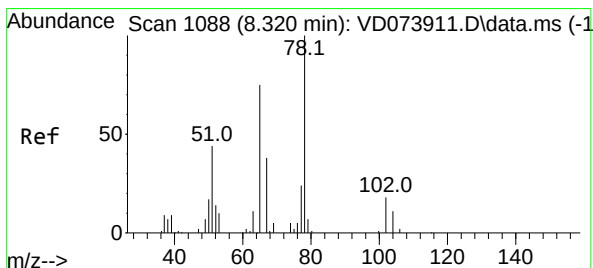
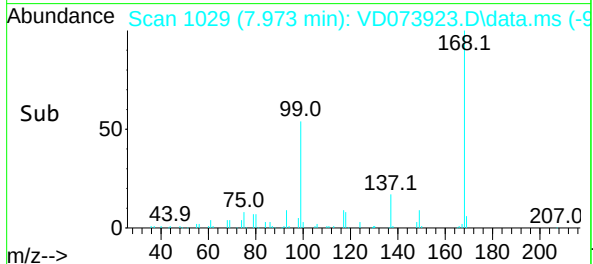
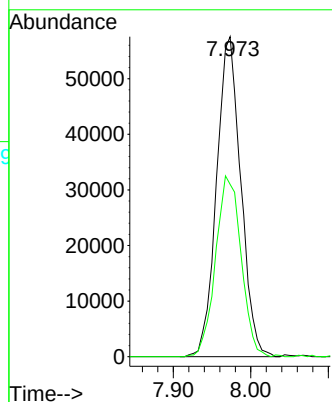
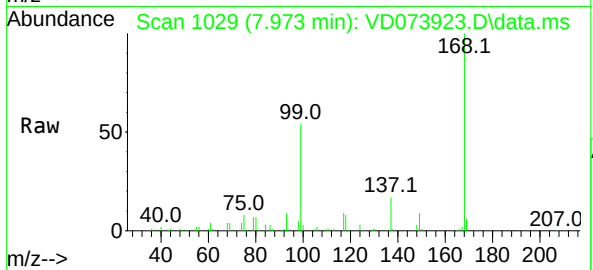




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

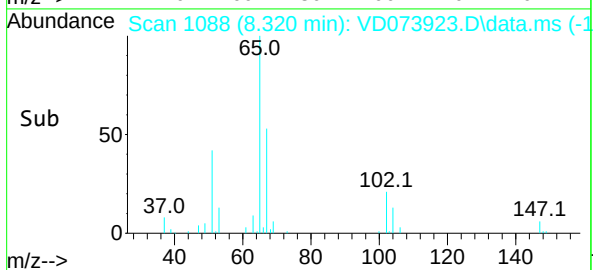
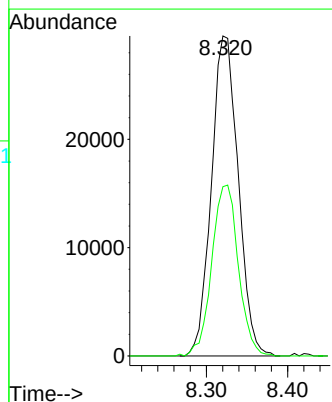
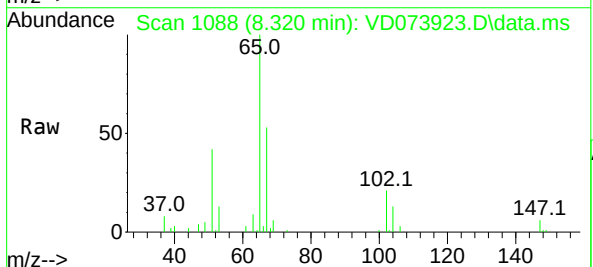
Instrument :
MSVOA_D
ClientSampleId :
NSB08-14-15

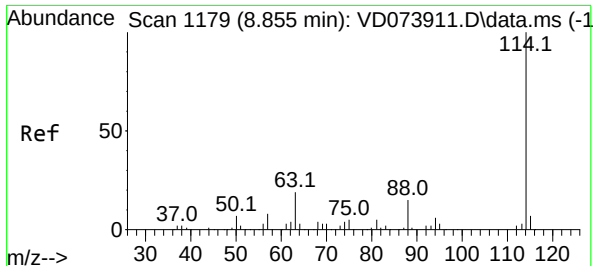
Tgt Ion:168 Resp: 125079
Ion Ratio Lower Upper
168 100
99 53.8 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 67.511 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

Tgt Ion: 65 Resp: 67811
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

NSB08-14-15

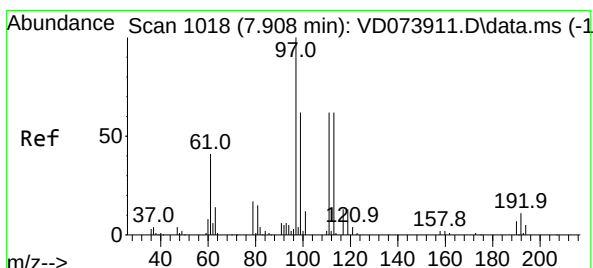
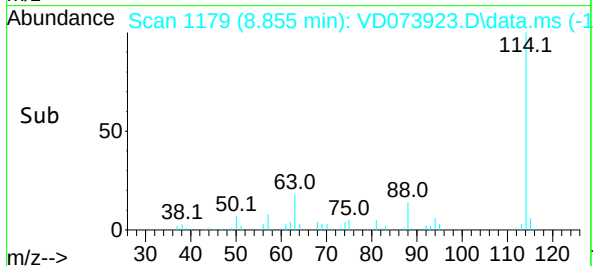
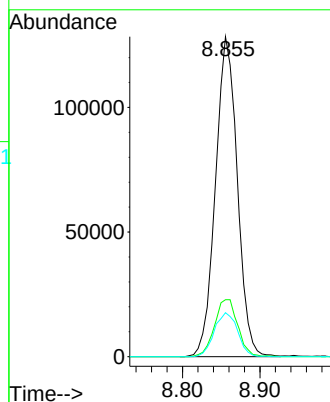
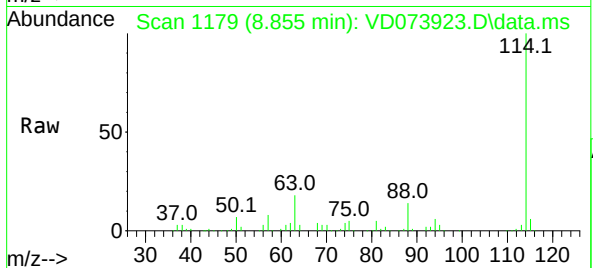
Tgt Ion:114 Resp: 251632

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.6

88 13.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 54.137 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

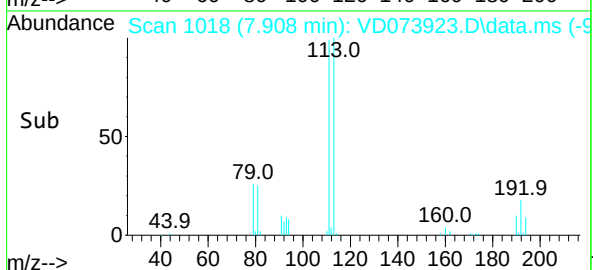
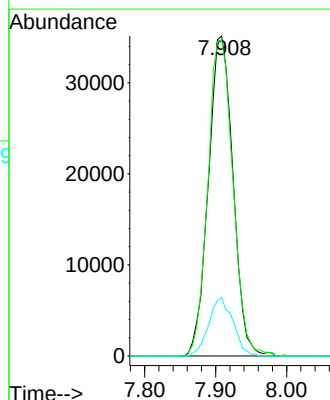
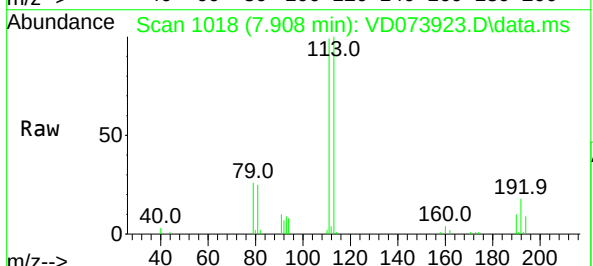
Tgt Ion:113 Resp: 84640

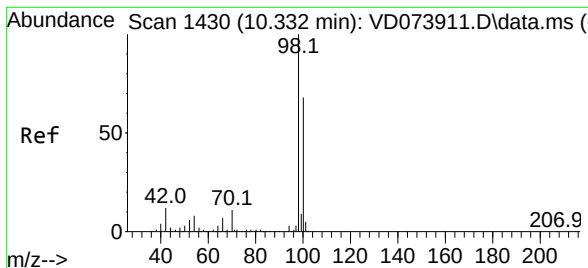
Ion Ratio Lower Upper

113 100

111 100.7 83.7 125.5

192 18.0 15.0 22.6





#50

Toluene-d8

Concen: 57.994 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

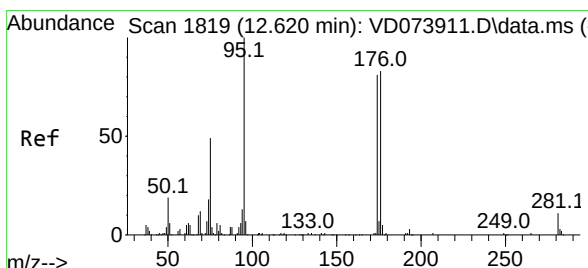
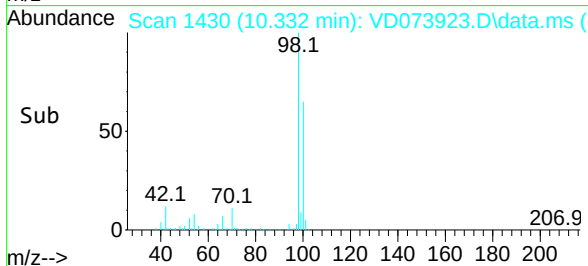
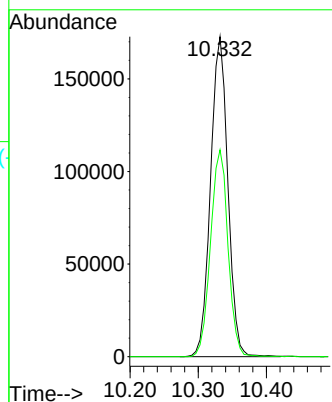
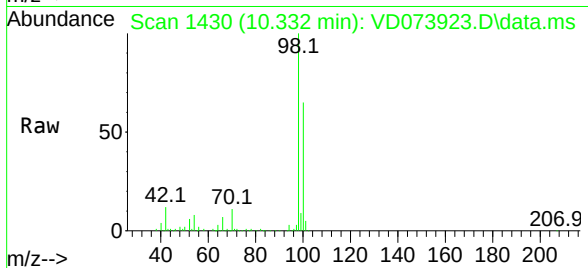
NSB08-14-15

Tgt Ion: 98 Resp: 305418

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 52.333 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

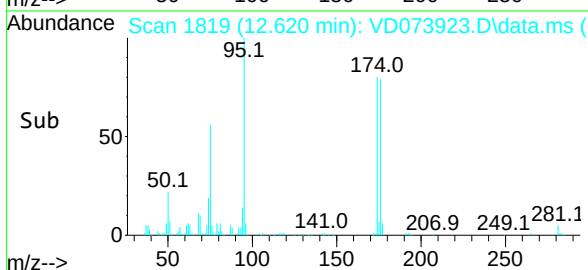
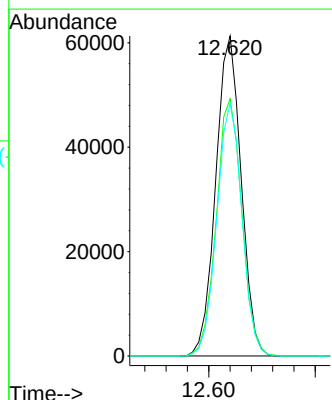
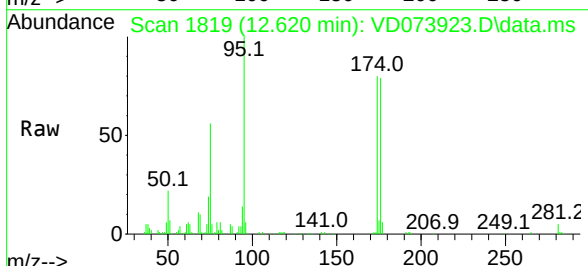
Tgt Ion: 95 Resp: 101351

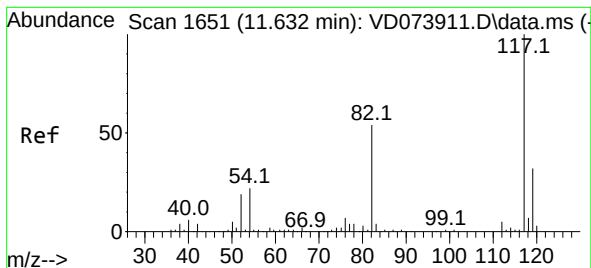
Ion Ratio Lower Upper

95 100

174 80.8 0.0 164.2

176 78.0 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

NSB08-14-15

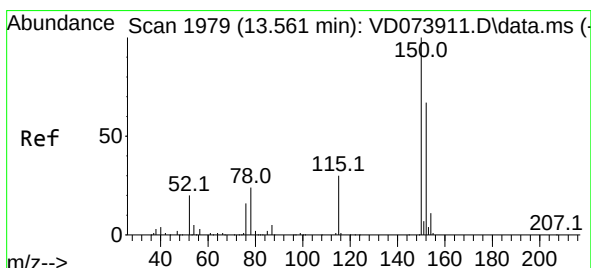
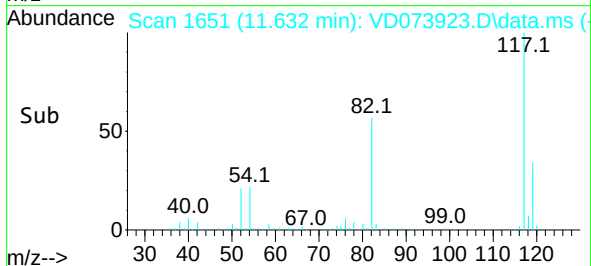
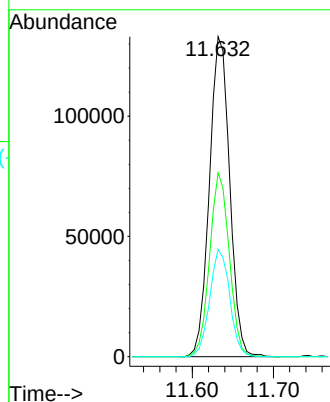
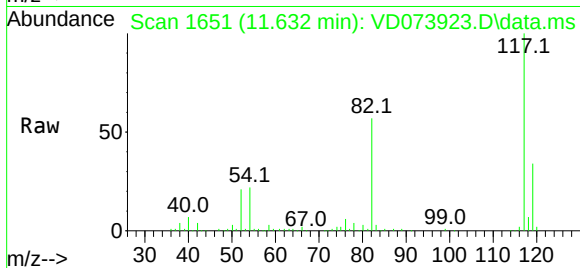
Tgt Ion:117 Resp: 230506

Ion Ratio Lower Upper

117 100

82 57.4 43.3 64.9

119 33.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Tgt Ion:152 Resp: 107733

Ion Ratio Lower Upper

152 100

115 59.1 29.1 87.3

150 158.0 0.0 338.2

