

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079637.D
 Acq On : 23 Oct 2023 10:26
 Operator : JC\MD
 Sample : VN1023WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBL02

Quant Time: Oct 23 23:45:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	264164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	515064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	524417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226113	52.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.580%
35) Dibromofluoromethane	8.171	113	204269	55.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.380%
50) Toluene-d8	10.570	98	619111	46.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.853	95	220715	51.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.700%

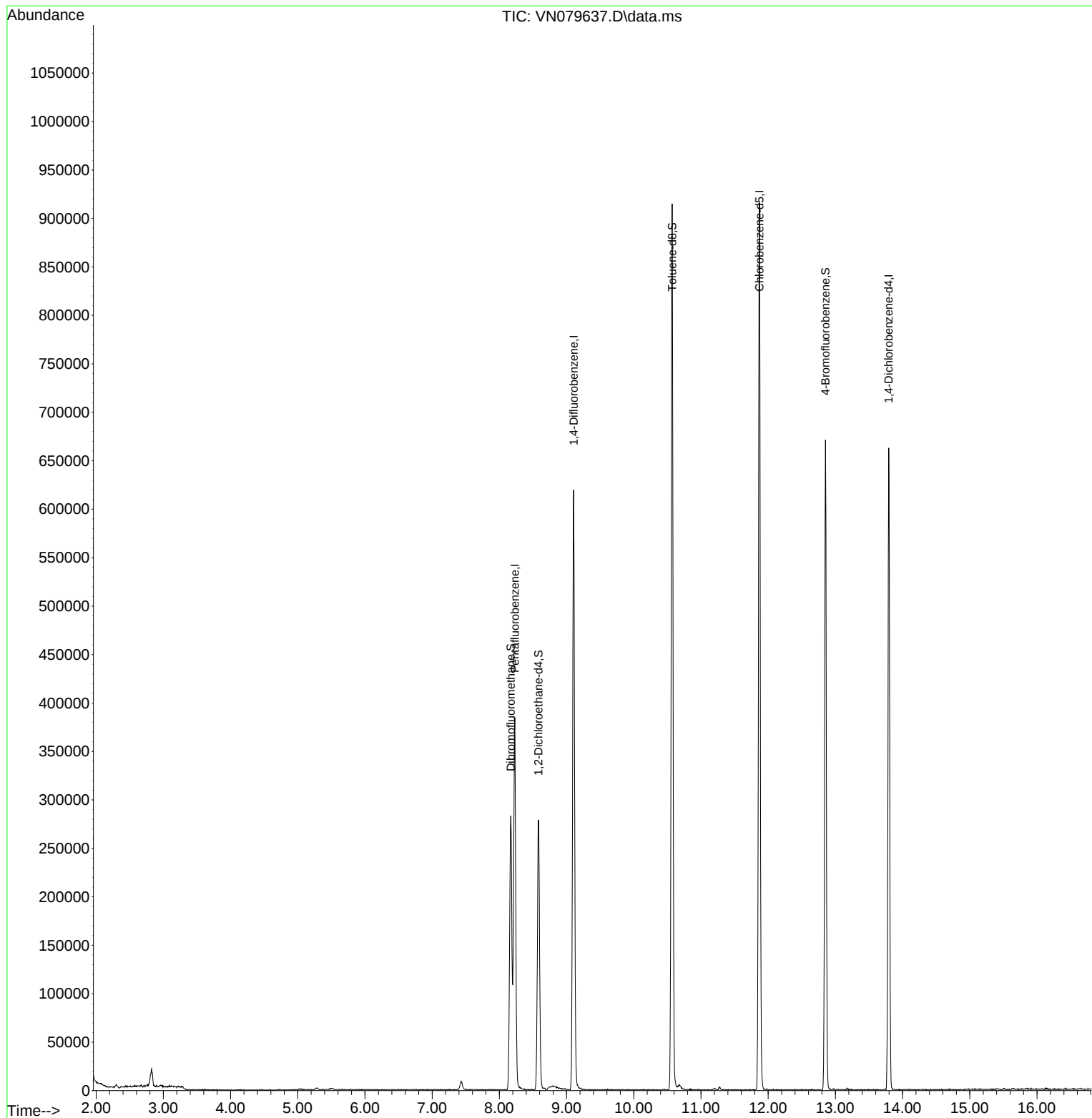
Target Compounds	Qvalue

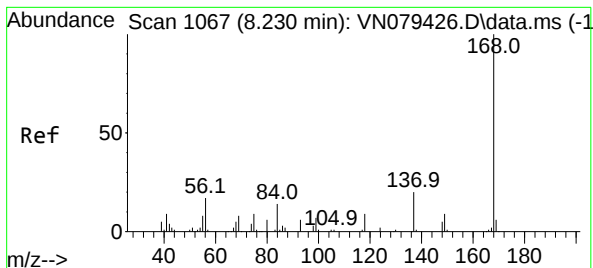
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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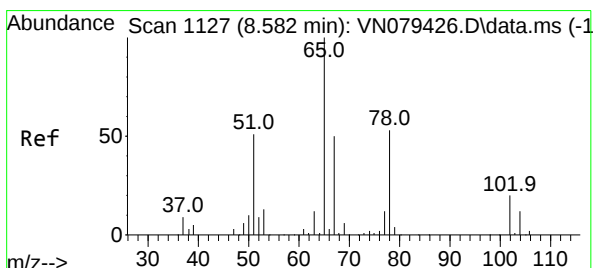
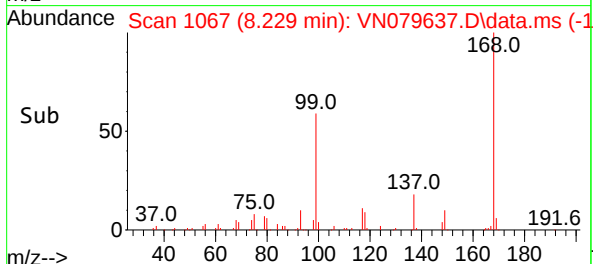
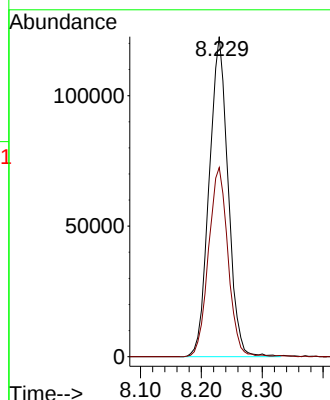
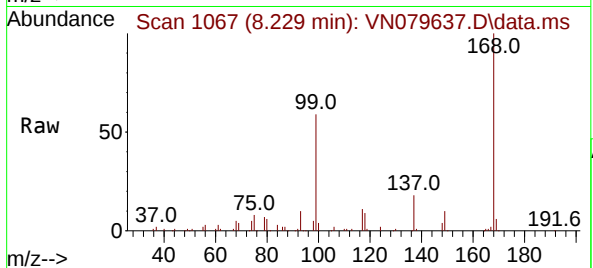




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079637.D
Acq: 23 Oct 2023 10:26

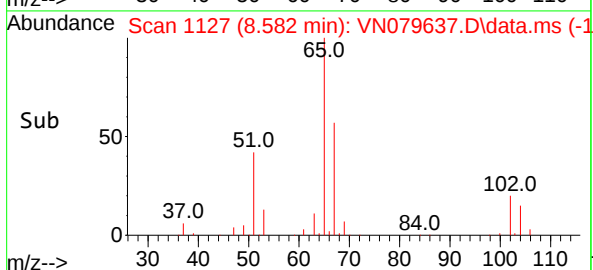
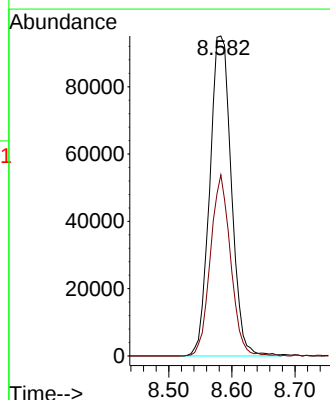
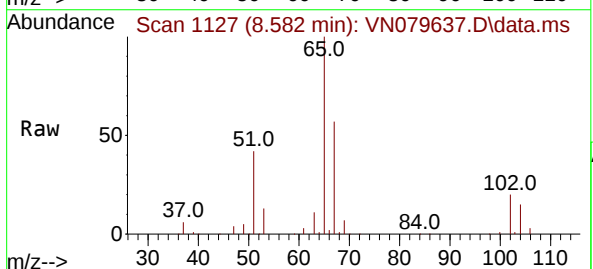
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBL02

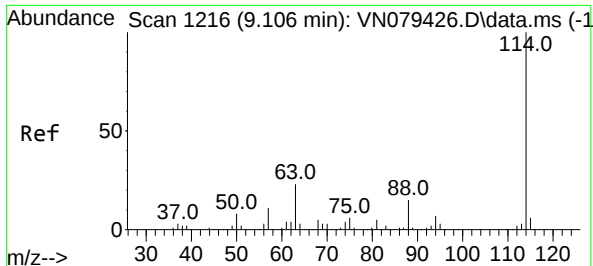
Tgt Ion:168 Resp: 264164
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.791 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079637.D
Acq: 23 Oct 2023 10:26

Tgt Ion: 65 Resp: 226113
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079637.D

Acq: 23 Oct 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL02

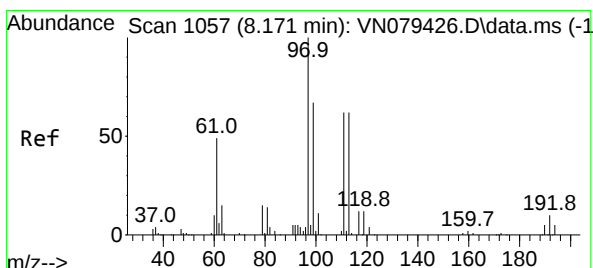
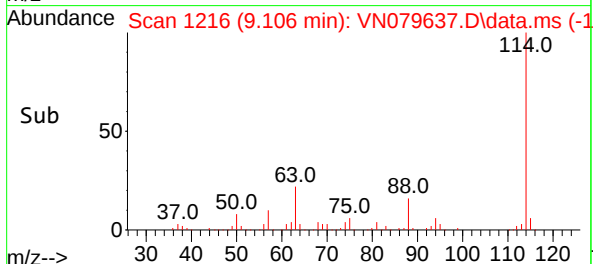
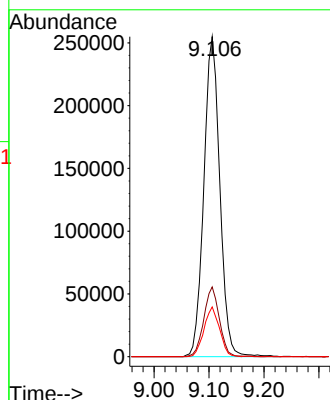
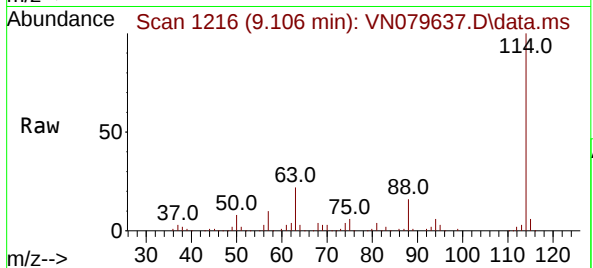
Tgt Ion:114 Resp: 515064

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.186 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079637.D

Acq: 23 Oct 2023 10:26

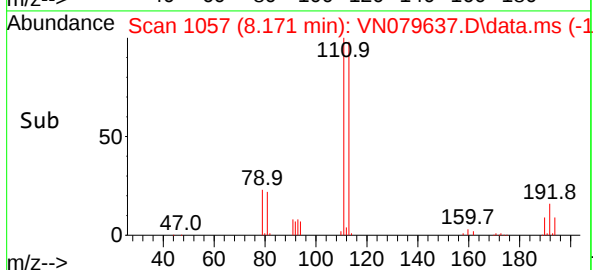
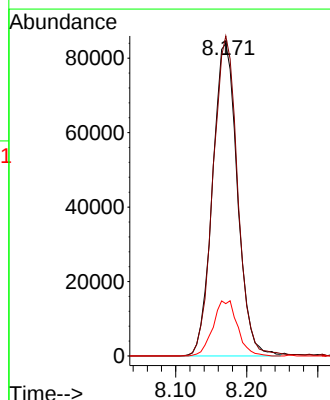
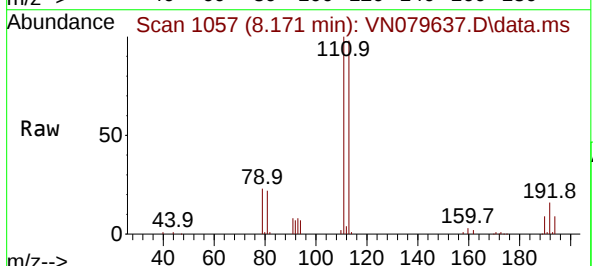
Tgt Ion:113 Resp: 204269

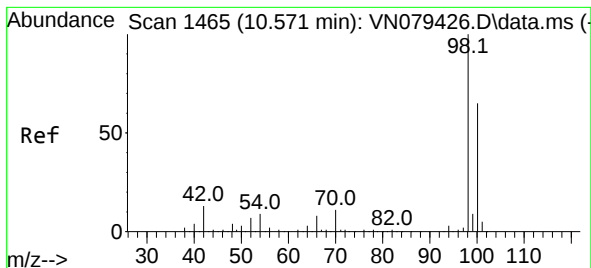
Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

192 17.4 12.7 19.1





#50

Toluene-d8

Concen: 46.227 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079637.D

Acq: 23 Oct 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

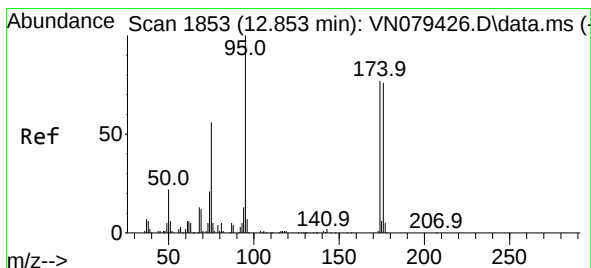
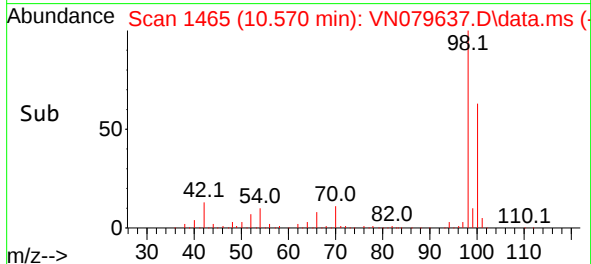
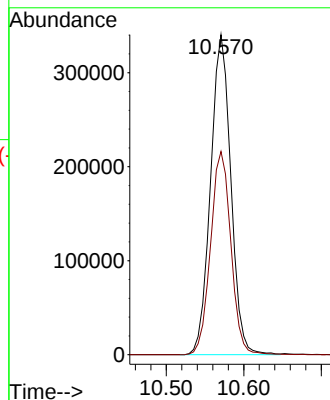
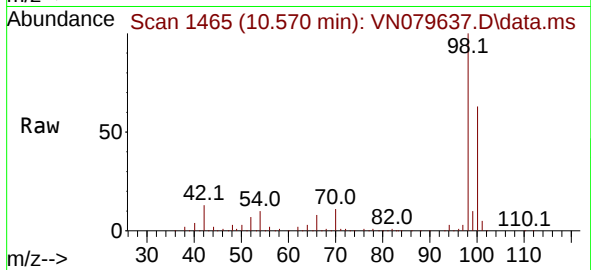
VN1023WBL02

Tgt Ion: 98 Resp: 619111

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.352 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079637.D

Acq: 23 Oct 2023 10:26

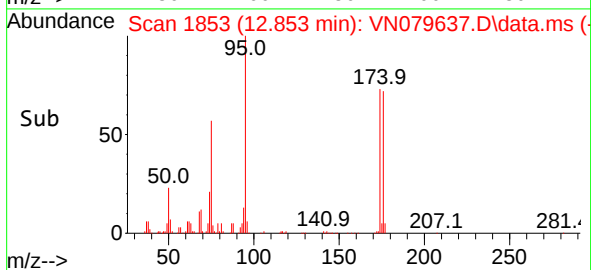
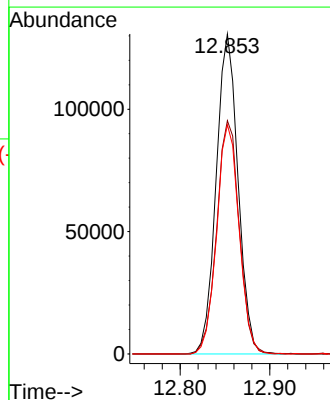
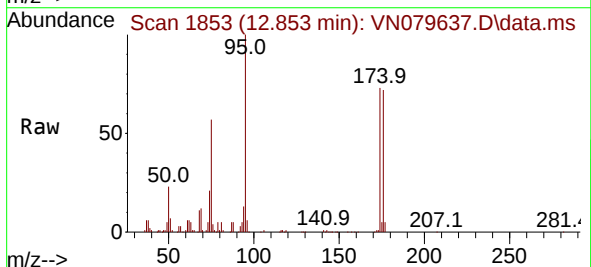
Tgt Ion: 95 Resp: 220715

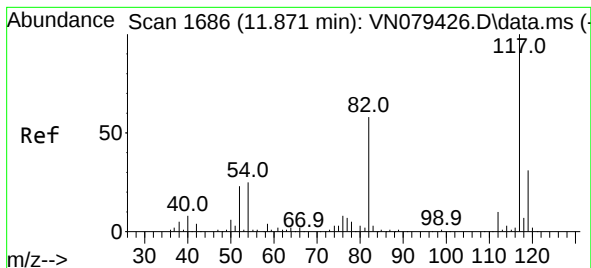
Ion Ratio Lower Upper

95 100

174 75.3 0.0 143.8

176 73.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079637.D

Acq: 23 Oct 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL02

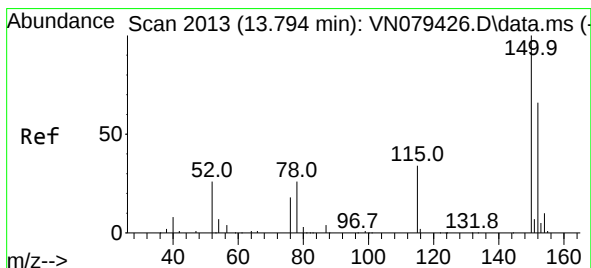
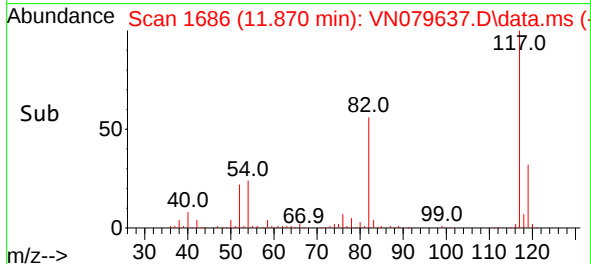
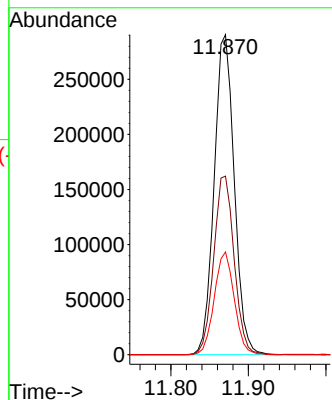
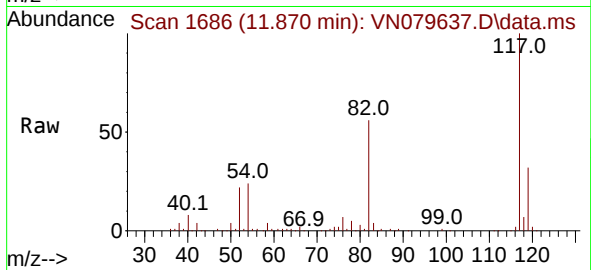
Tgt Ion:117 Resp: 524417

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079637.D

Acq: 23 Oct 2023 10:26

Tgt Ion:152 Resp: 173545

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 155.3 0.0 355.8

