

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077960.D
 Acq On : 30 May 2023 11:16
 Operator : JC\MD
 Sample : VN0530WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBL01

Quant Time: May 31 02:03:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	405003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	735954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282240	46.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.160%
35) Dibromofluoromethane	8.177	113	238689	49.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.576	98	905405	49.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.859	95	290552	44.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%

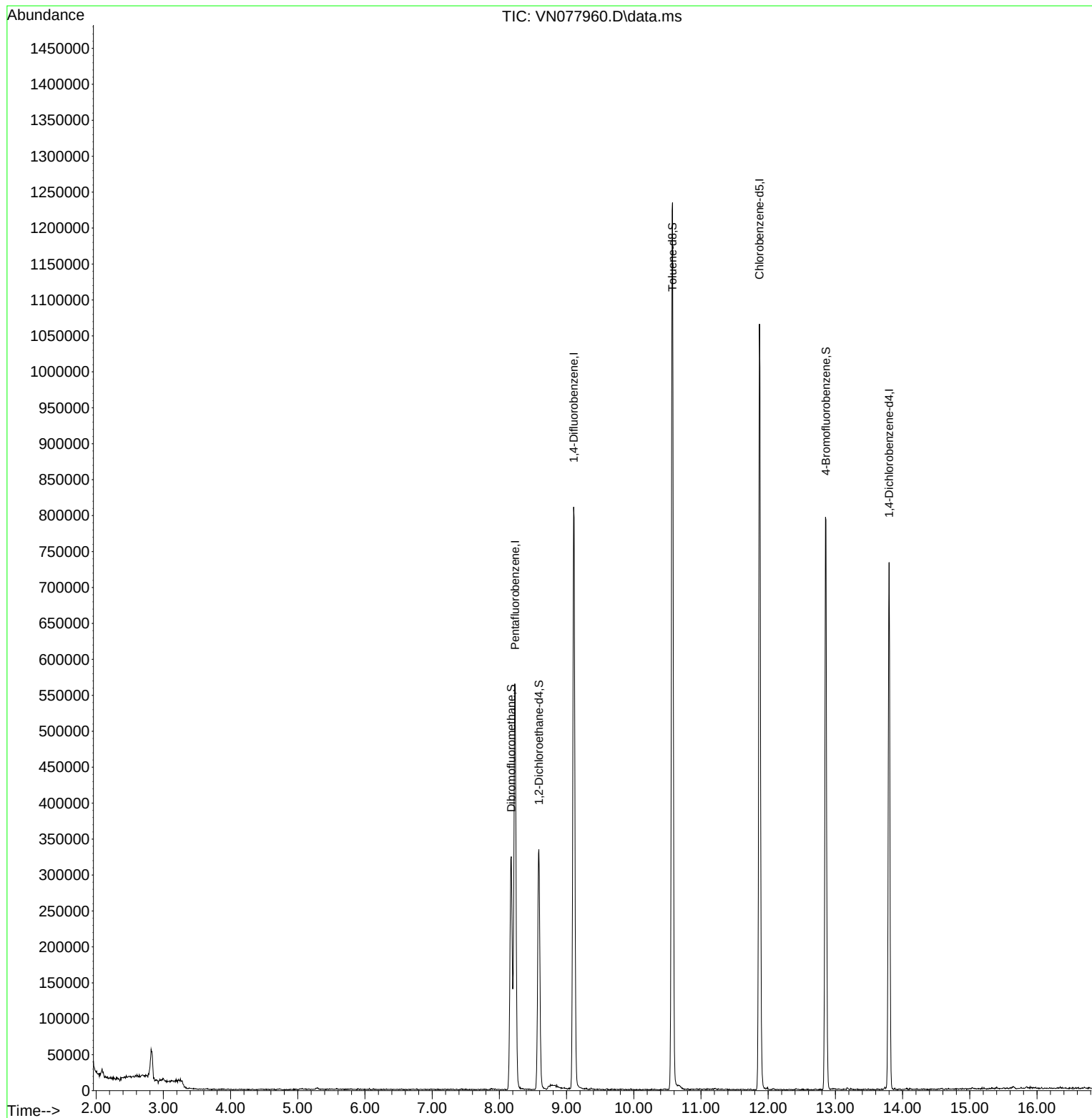
Target Compounds	Qvalue

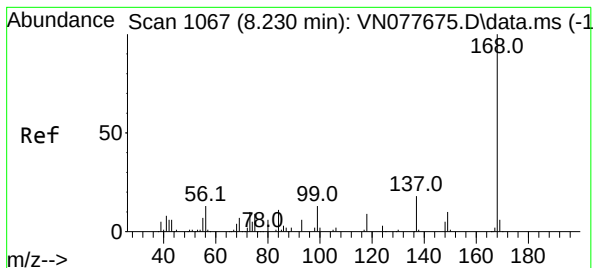
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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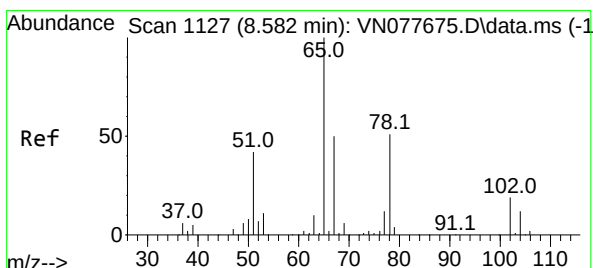
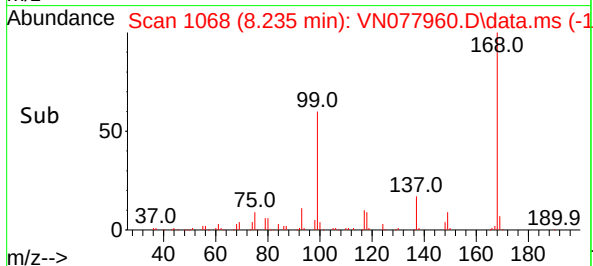
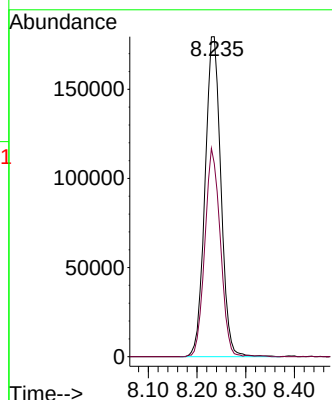
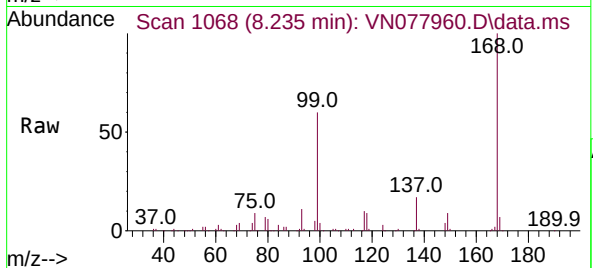




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

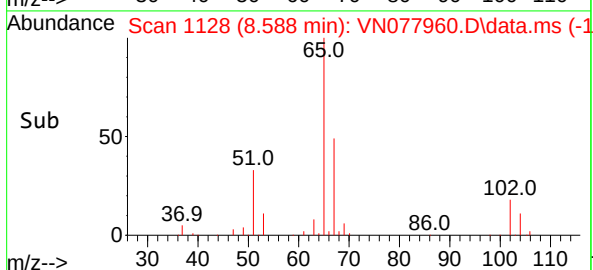
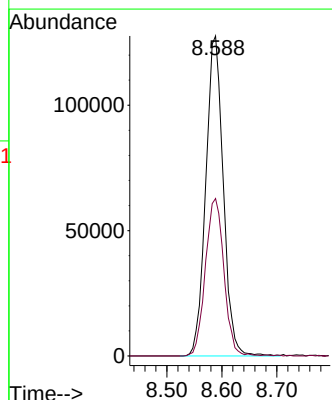
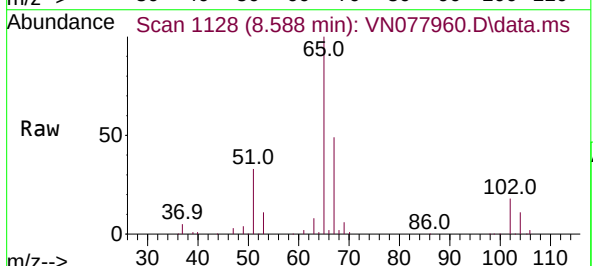
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

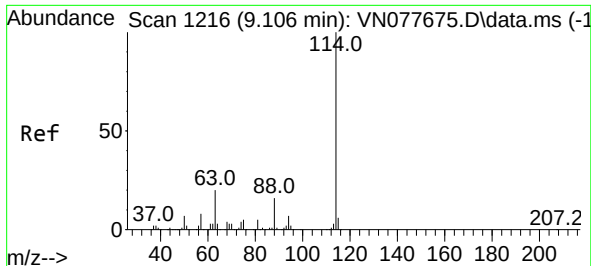
Tgt Ion:168 Resp: 405003
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.575 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 65 Resp: 282240
Ion Ratio Lower Upper
65 100
67 52.0 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: VN077960.D

Acq: 30 May 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBL01

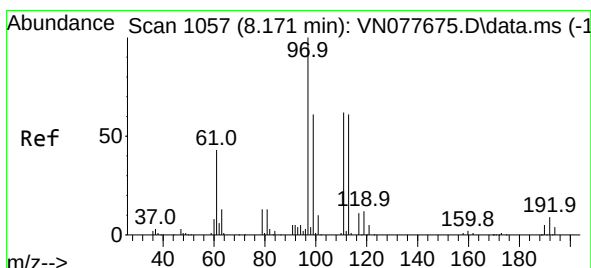
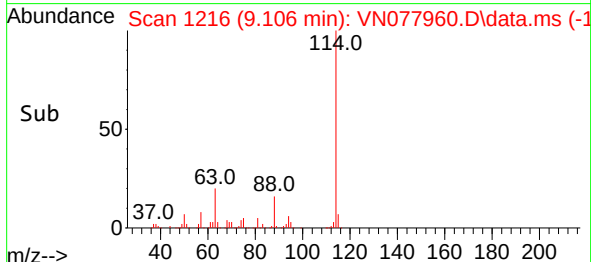
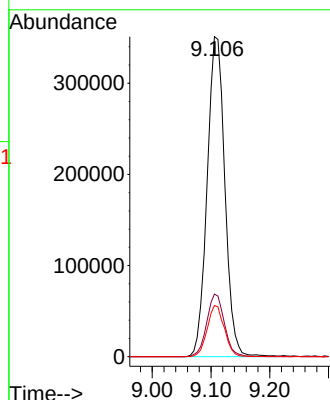
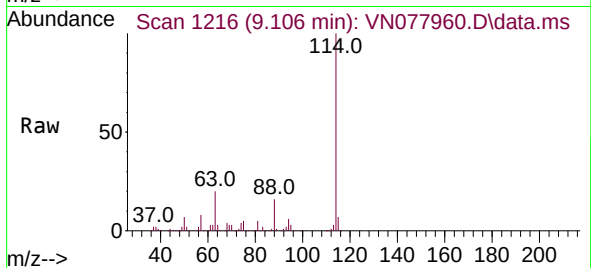
Tgt Ion:114 Resp: 735954

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077960.D

Acq: 30 May 2023 11:16

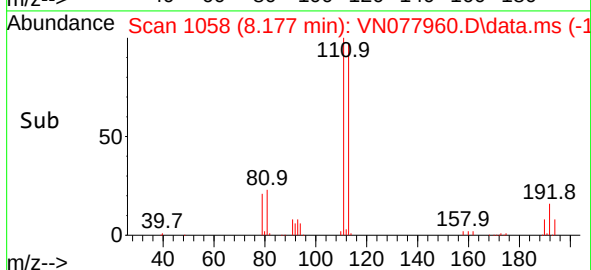
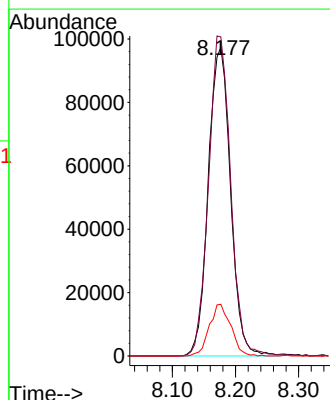
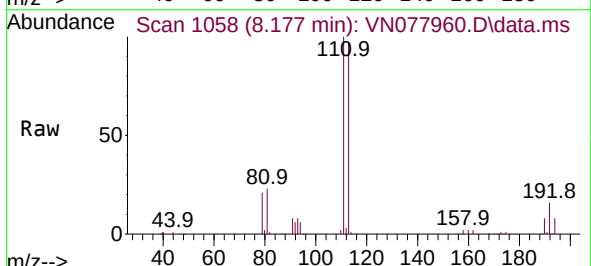
Tgt Ion:113 Resp: 238689

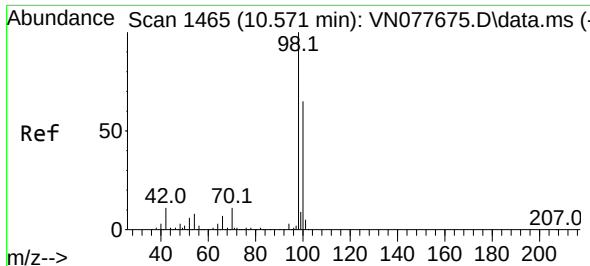
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.2 12.7 19.1

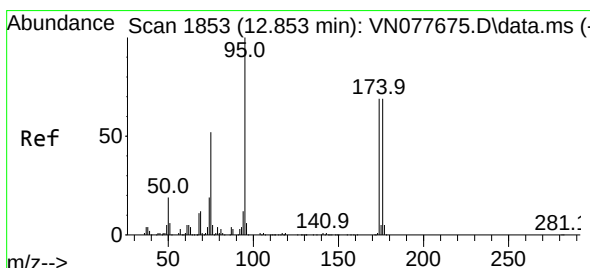
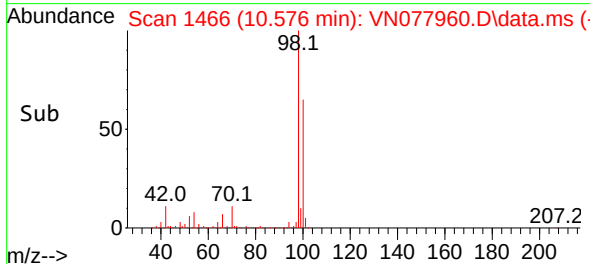
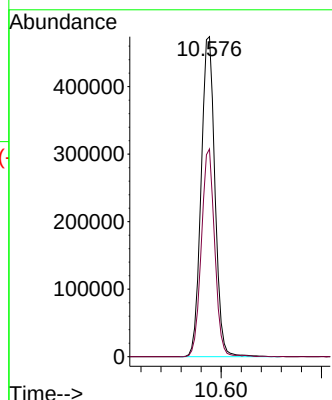
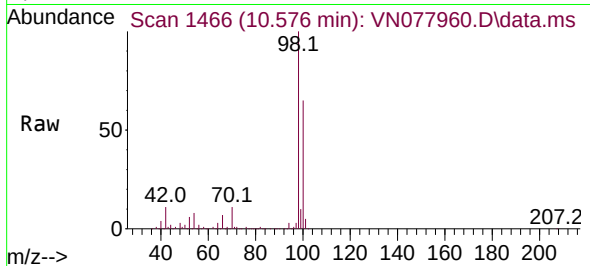




#50
Toluene-d8
Concen: 49.015 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

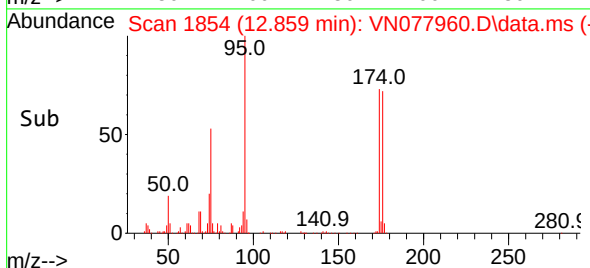
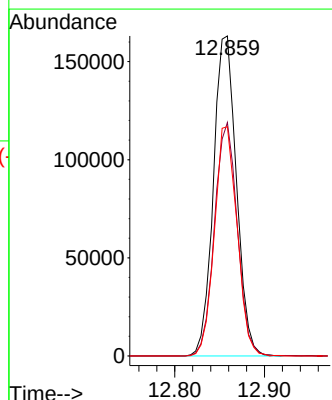
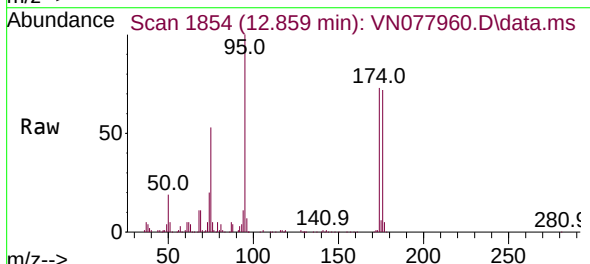
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

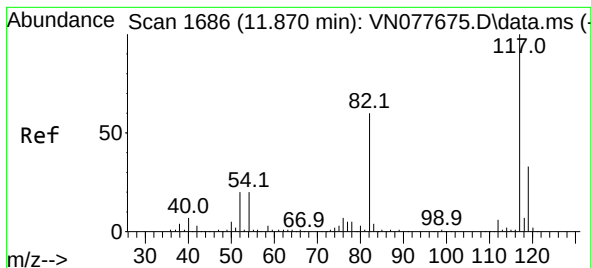
Tgt Ion: 98 Resp: 905405
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.536 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 95 Resp: 290552
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.5 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: VN077960.D

Acq: 30 May 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBL01

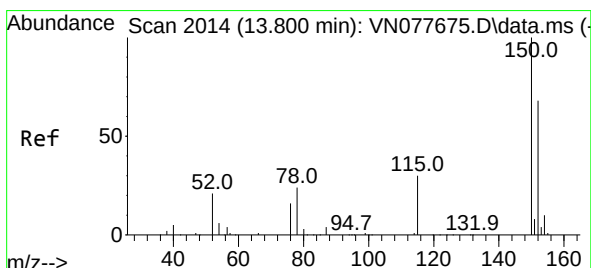
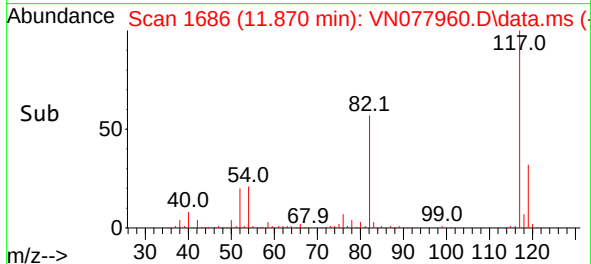
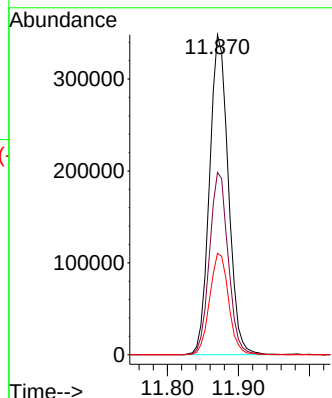
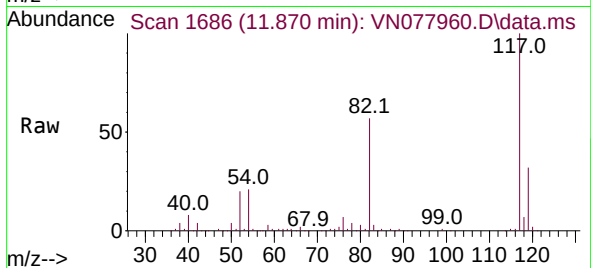
Tgt Ion:117 Resp: 638747

Ion Ratio Lower Upper

117 100

82 57.0 44.0 66.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077960.D

Acq: 30 May 2023 11:16

Tgt Ion:152 Resp: 195791

Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

150 159.7 0.0 355.8

