

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077830.D
 Acq On : 23 May 2023 23:53
 Operator : JC\MD
 Sample : VN0523WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBL02

Quant Time: May 24 02:57:31 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	8.230	168	383945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	693251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	603194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	252204	43.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.800%
35) Dibromofluoromethane	8.177	113	221627	49.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	10.571	98	845295	48.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.859	95	267118	43.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.940%

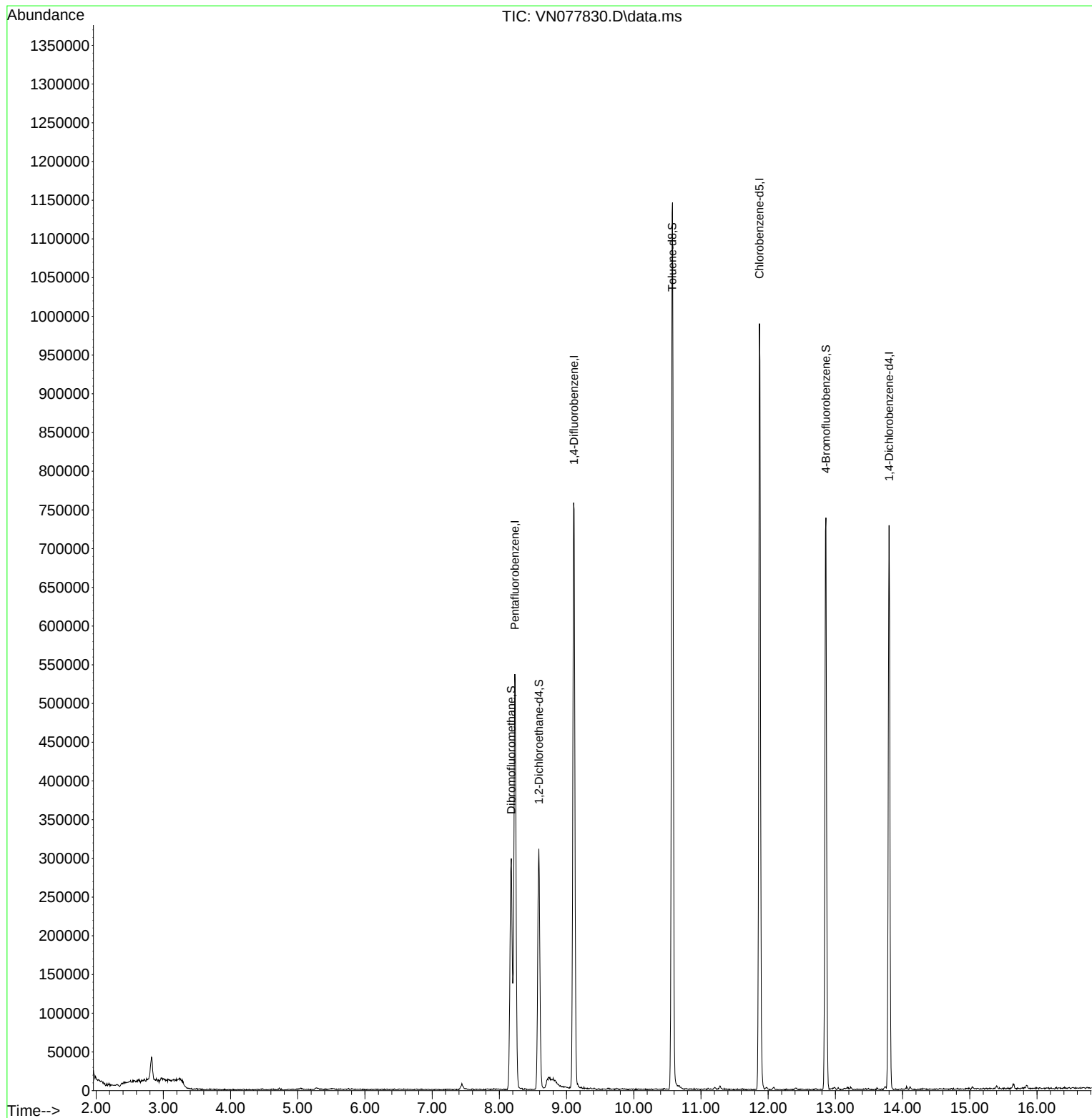
Target Compounds	Qvalue

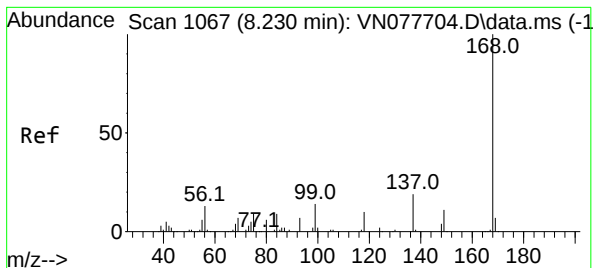
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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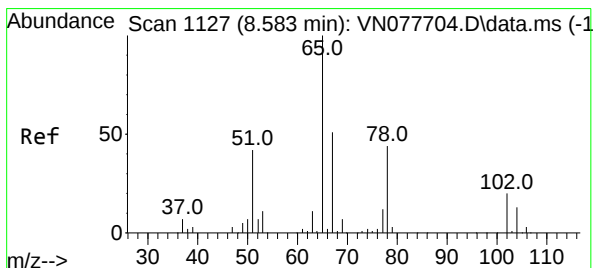
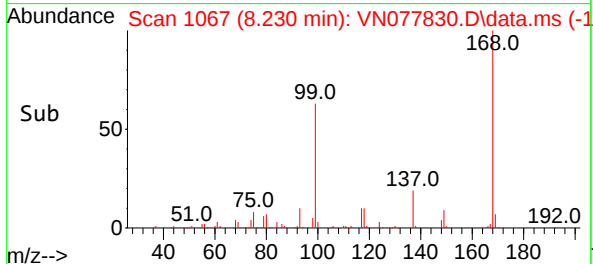
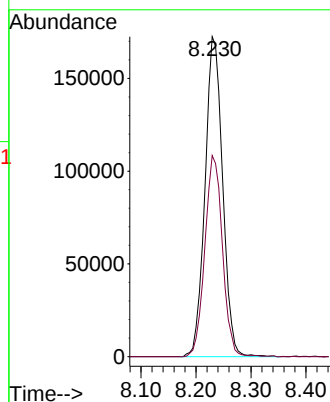
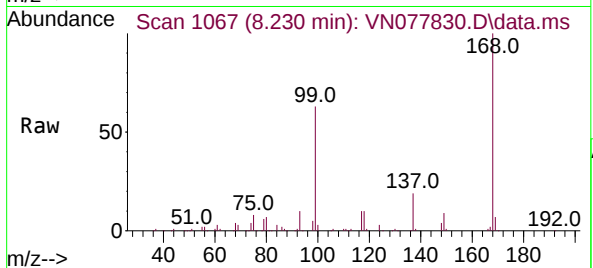




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077830.D
Acq: 23 May 2023 23:53

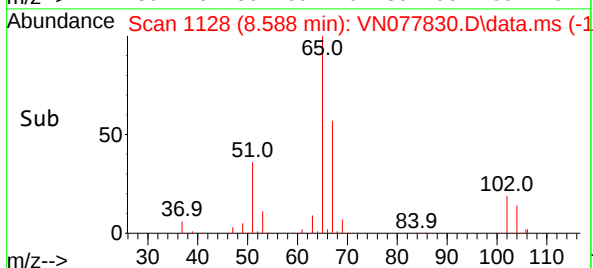
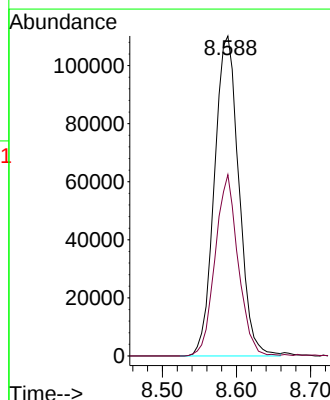
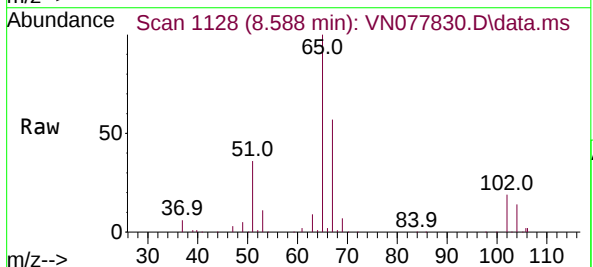
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBL02

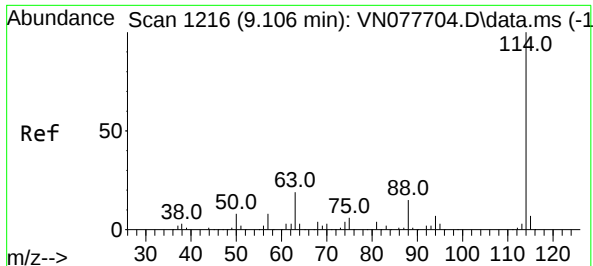
Tgt Ion:168 Resp: 383945
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.901 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077830.D
Acq: 23 May 2023 23:53

Tgt Ion: 65 Resp: 252204
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077830.D

Acq: 23 May 2023 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBL02

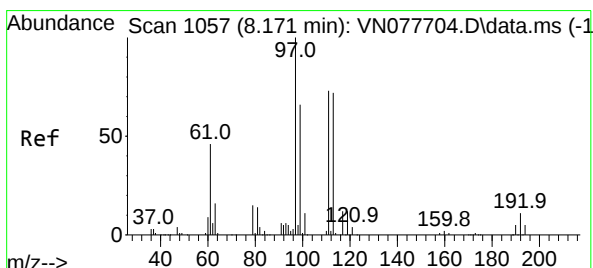
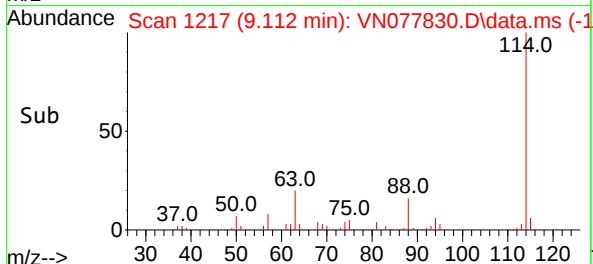
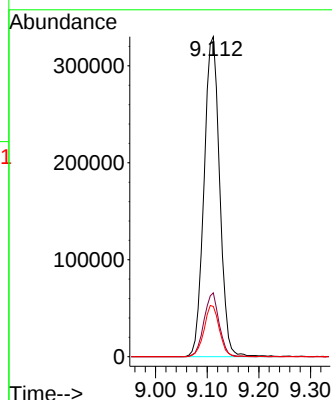
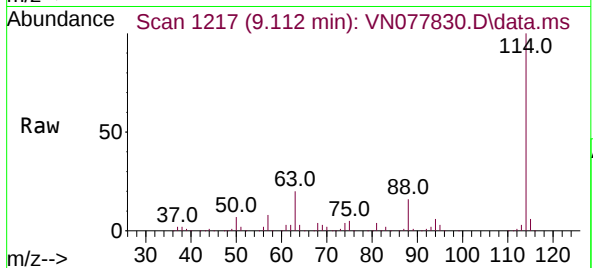
Tgt Ion:114 Resp: 693251

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.026 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077830.D

Acq: 23 May 2023 23:53

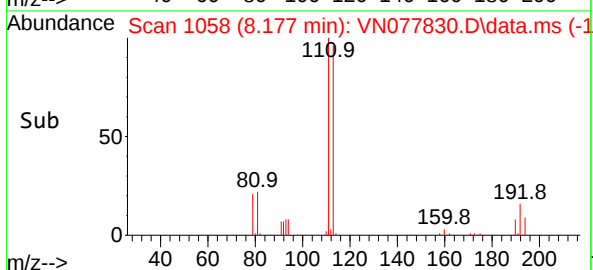
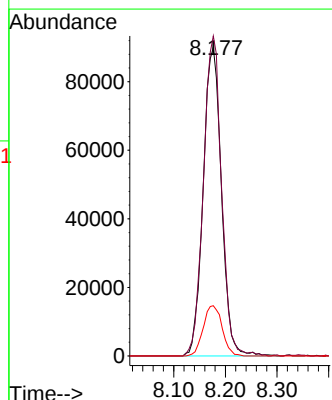
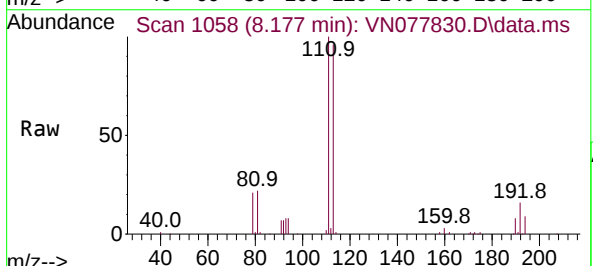
Tgt Ion:113 Resp: 221627

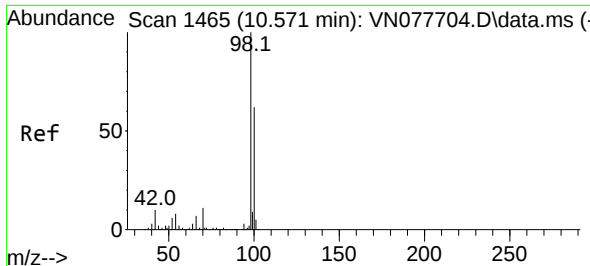
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 16.8 12.7 19.1

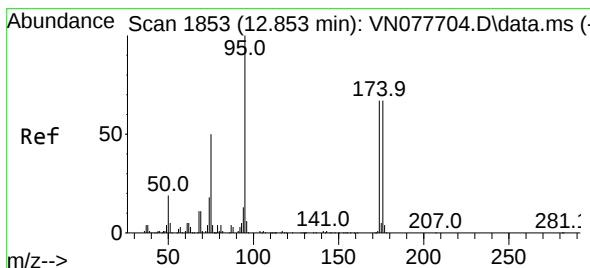
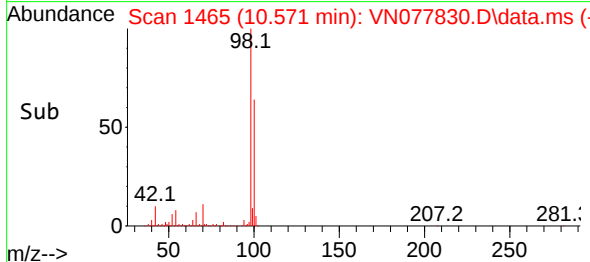
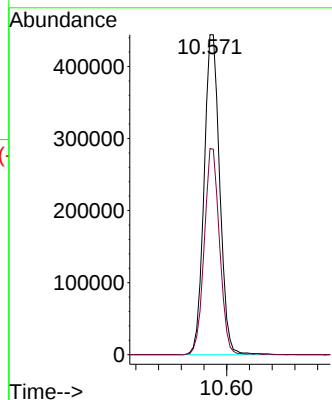
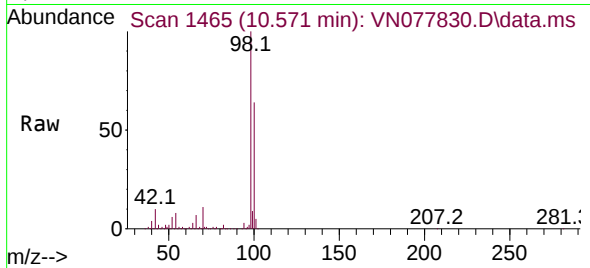




#50
Toluene-d8
Concen: 48.580 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077830.D
Acq: 23 May 2023 23:53

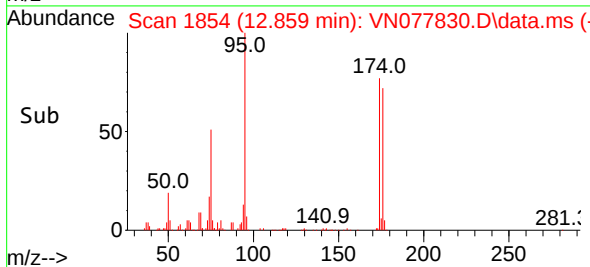
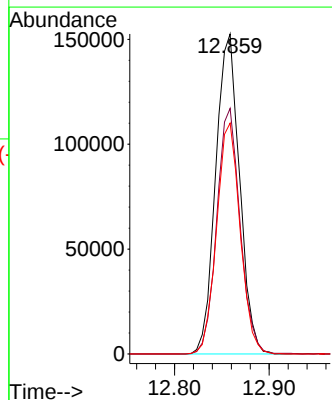
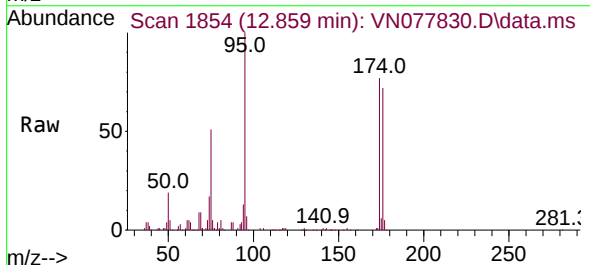
Instrument :
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VN0523WBL02

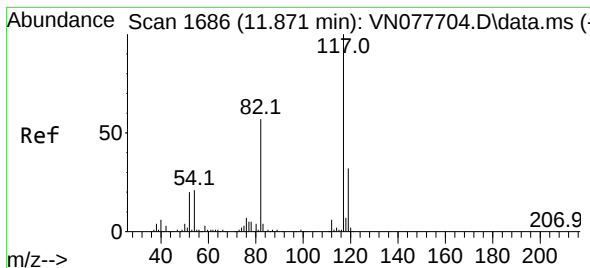
Tgt Ion: 98 Resp: 845295
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.466 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077830.D
Acq: 23 May 2023 23:53

Tgt Ion: 95 Resp: 267118
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 71.2 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: VN077830.D

Acq: 23 May 2023 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBL02

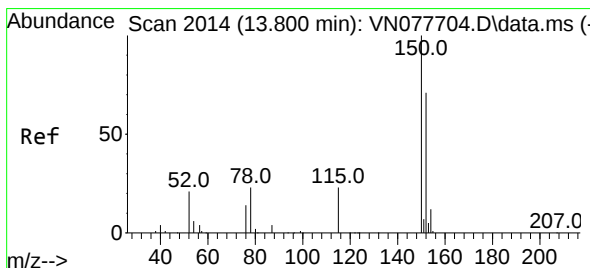
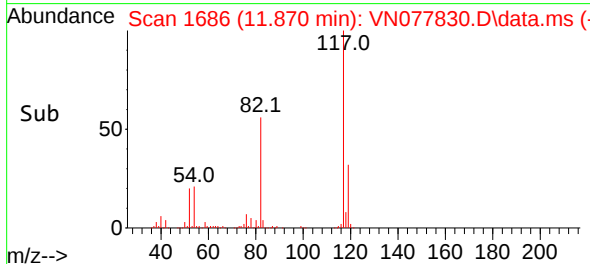
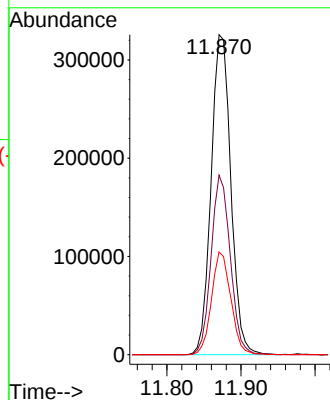
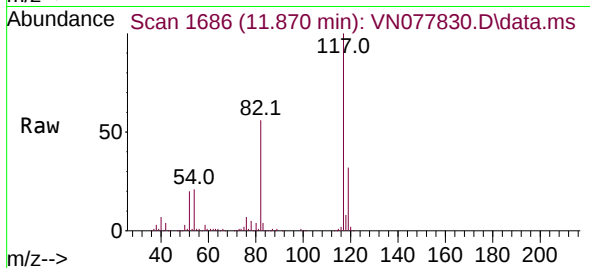
Tgt Ion:117 Resp: 603194

Ion Ratio Lower Upper

117 100

82 56.1 44.0 66.0

119 32.1 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: VN077830.D

Acq: 23 May 2023 23:53

Tgt Ion:152 Resp: 195257

Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 160.0 0.0 355.8

