

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077763.D
 Acq On : 19 May 2023 14:49
 Operator : JC\MD
 Sample : 02834-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230515

Quant Time: May 19 23:55:15 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	363661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	649908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	570630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	245621	45.140	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.280%
35) Dibromofluoromethane	8.177	113	208626	49.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.460%
50) Toluene-d8	10.571	98	802807	49.215	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.853	95	258083	44.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.600%

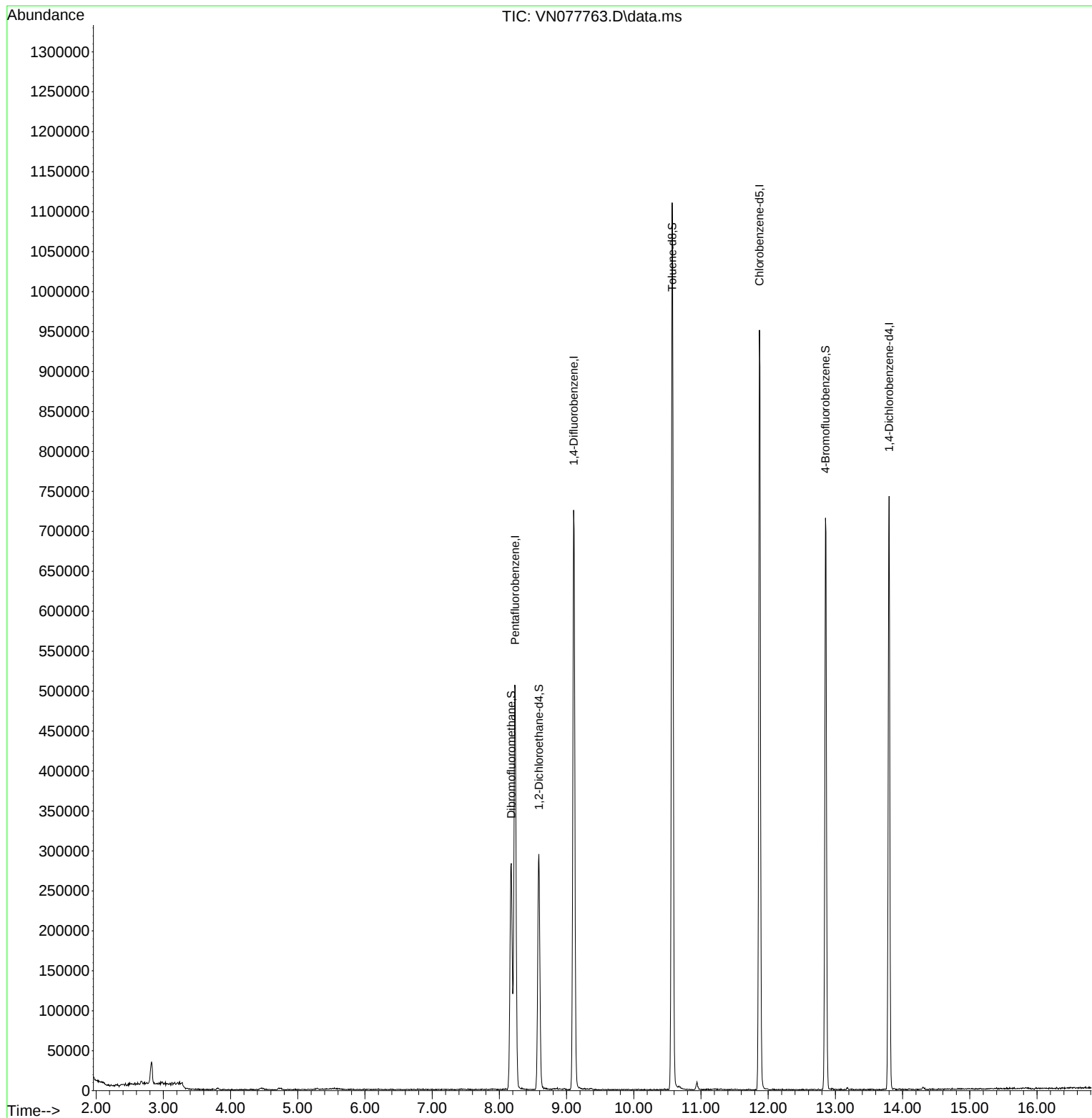
Target Compounds	Qvalue

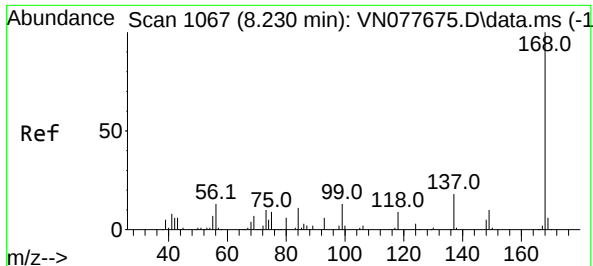
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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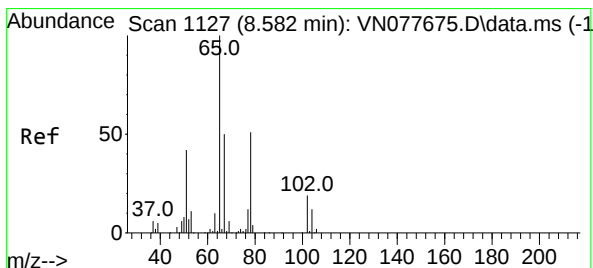
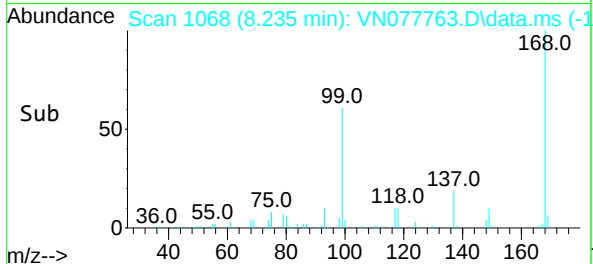
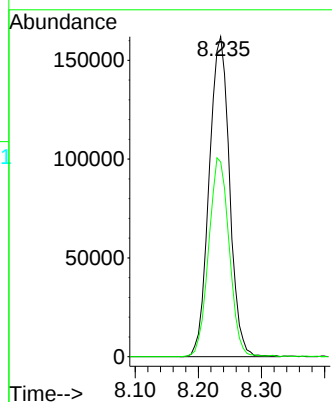
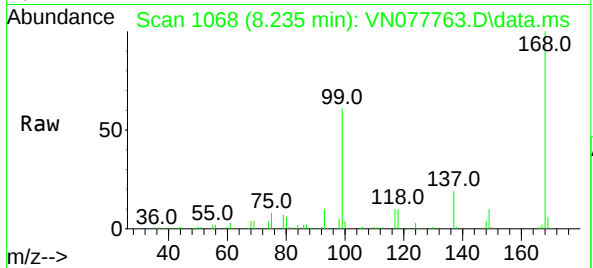




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077763.D
Acq: 19 May 2023 14:49

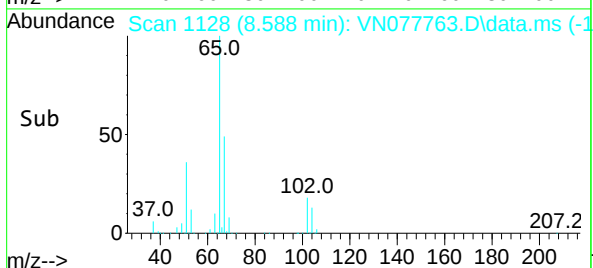
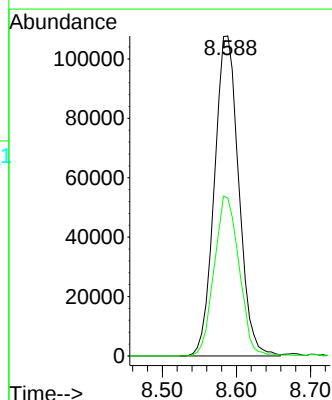
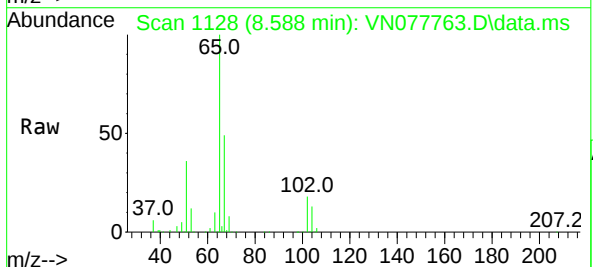
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230515

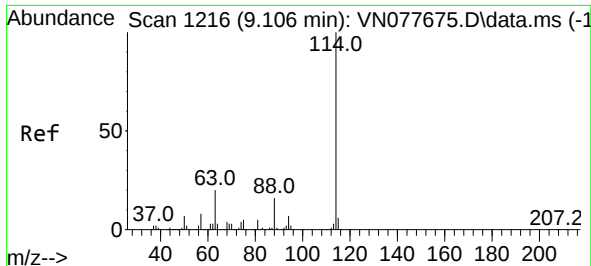
Tgt Ion:168 Resp: 363661
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.140 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077763.D
Acq: 19 May 2023 14:49

Tgt Ion: 65 Resp: 245621
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077763.D

Acq: 19 May 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20230515

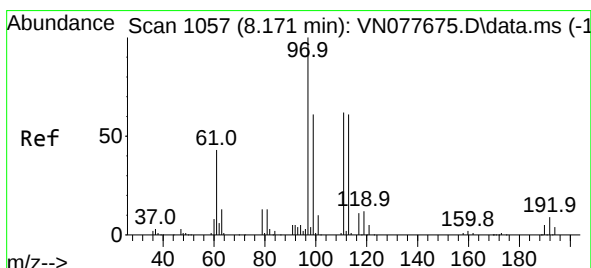
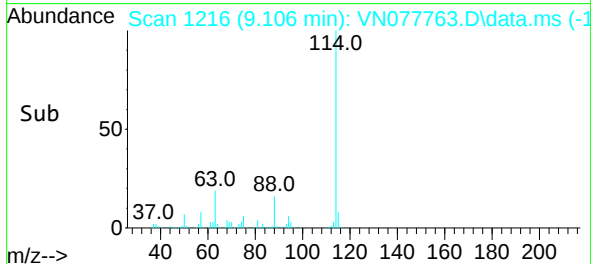
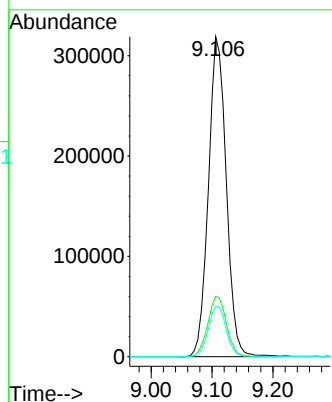
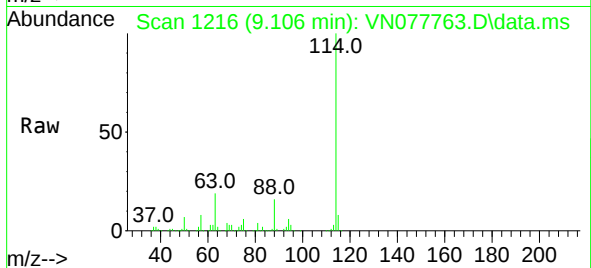
Tgt Ion:114 Resp: 649908

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.228 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077763.D

Acq: 19 May 2023 14:49

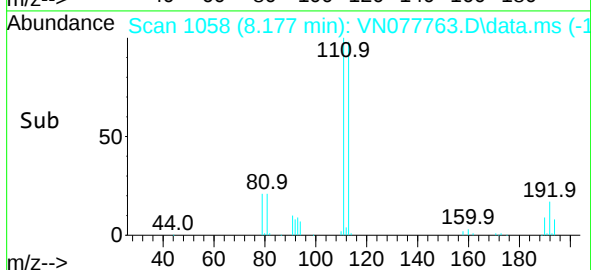
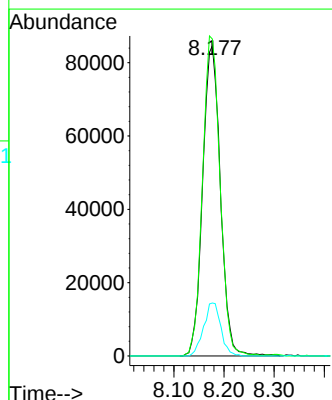
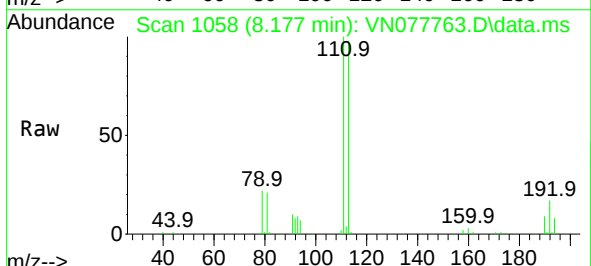
Tgt Ion:113 Resp: 208626

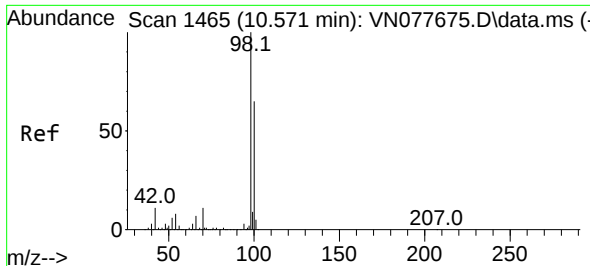
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 16.5 12.7 19.1

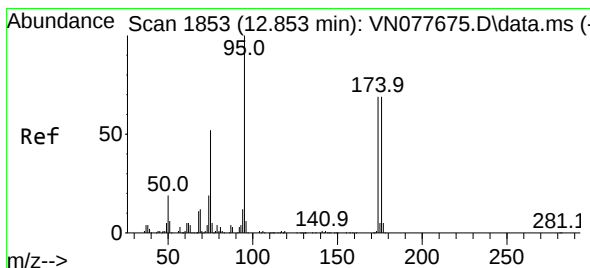
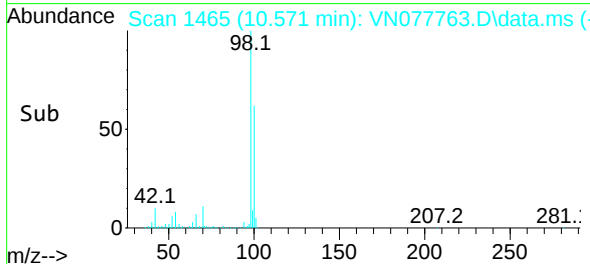
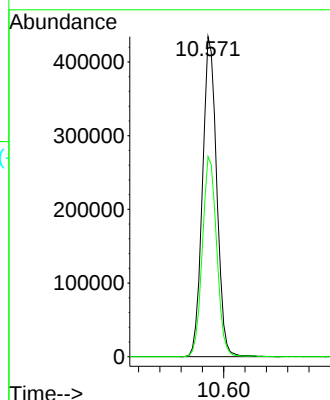
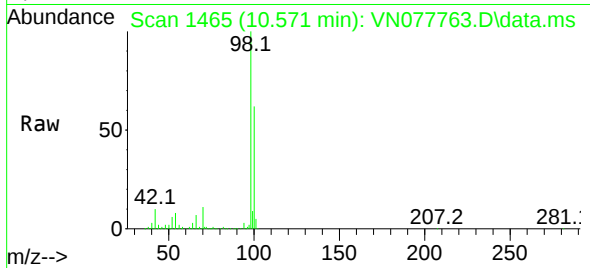




#50
Toluene-d8
Concen: 49.215 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077763.D
Acq: 19 May 2023 14:49

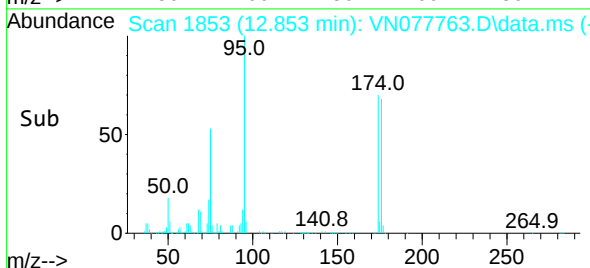
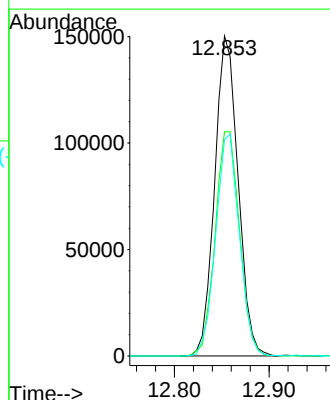
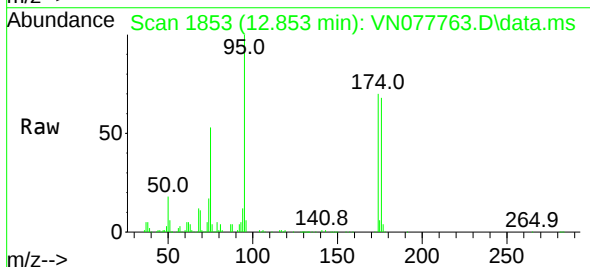
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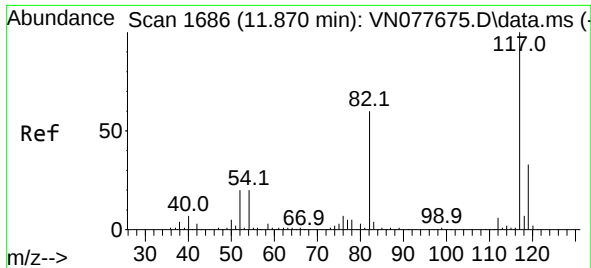
Tgt Ion: 98 Resp: 802807
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.797 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077763.D
Acq: 19 May 2023 14:49

Tgt Ion: 95 Resp: 258083
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 70.1 0.0 135.8

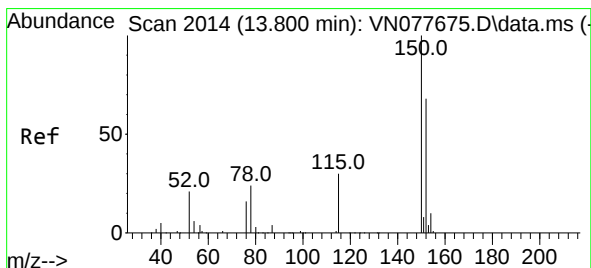
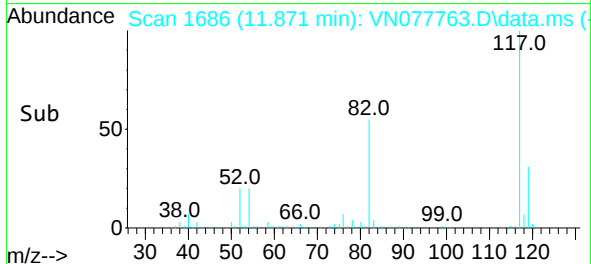
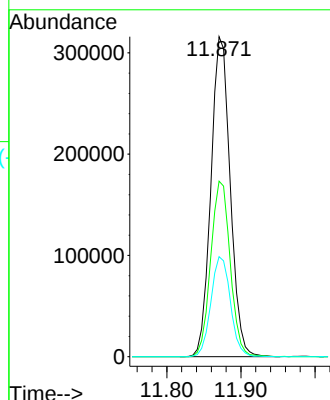
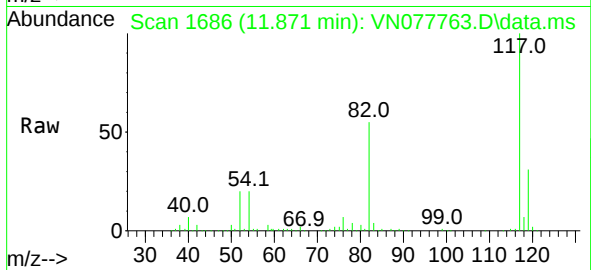




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077763.D
Acq: 19 May 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230515

Tgt Ion:117 Resp: 570630
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.3 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: VN077763.D
Acq: 19 May 2023 14:49

Tgt Ion:152 Resp: 194331
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 161.0 0.0 355.8

