

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077848.D
 Acq On : 24 May 2023 12:01
 Operator : JC\MD
 Sample : VN0524MBL01
 Misc : 5.00g/5.0mL/100uL5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBL01

Quant Time: May 25 01:41:31 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	8.229	168	397657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	721293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	581907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	196135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263044	44.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.420%
35) Dibromofluoromethane	8.171	113	223091	47.431	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	10.571	98	810642	44.777	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.853	95	242744	37.965	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.920%#

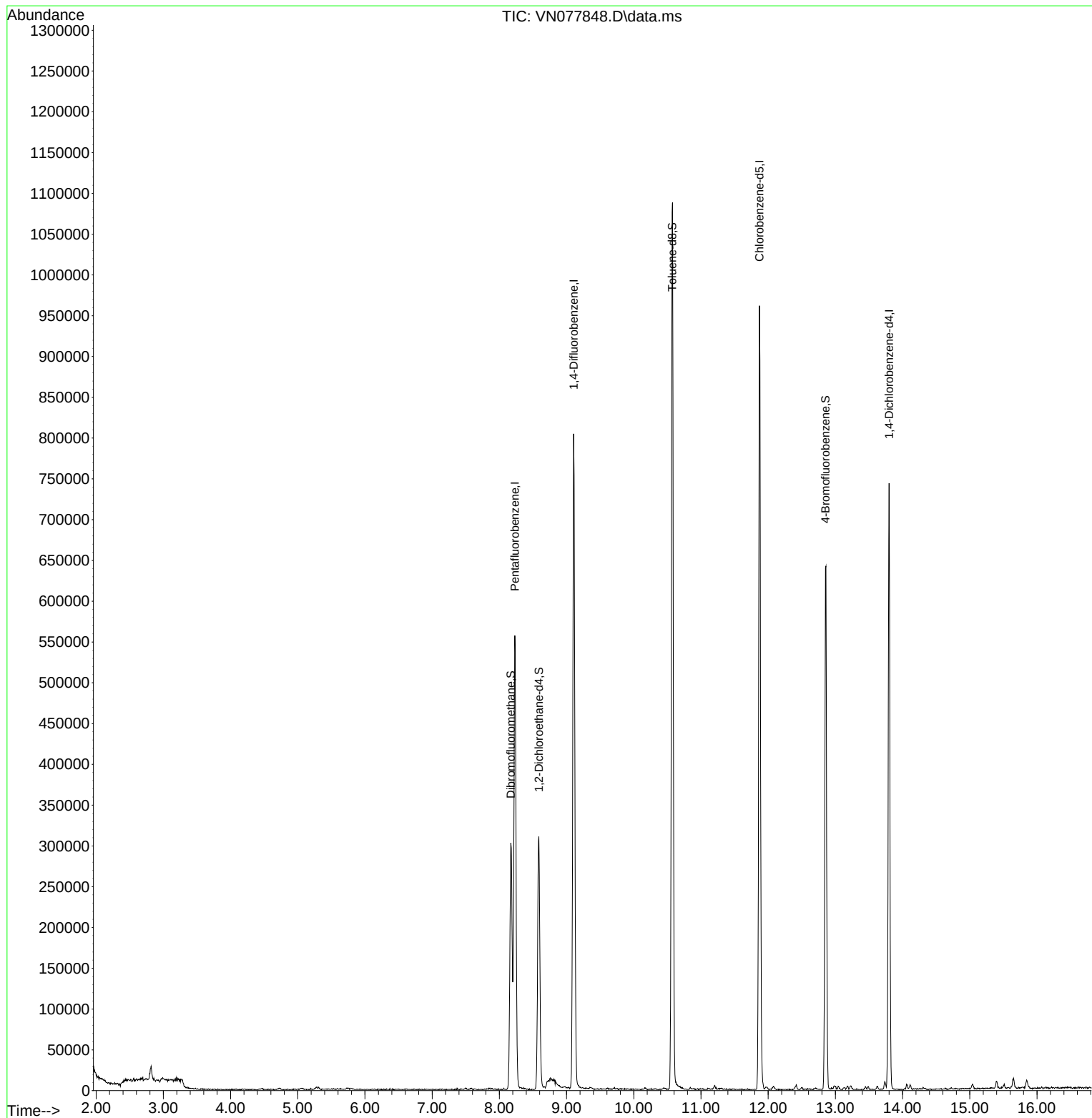
Target Compounds	Qvalue

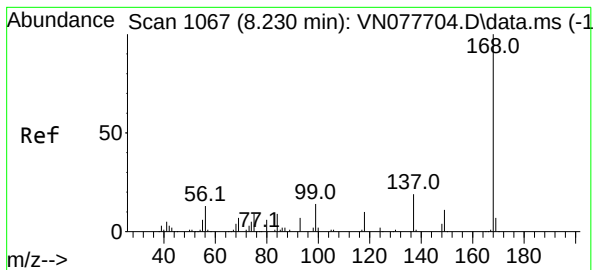
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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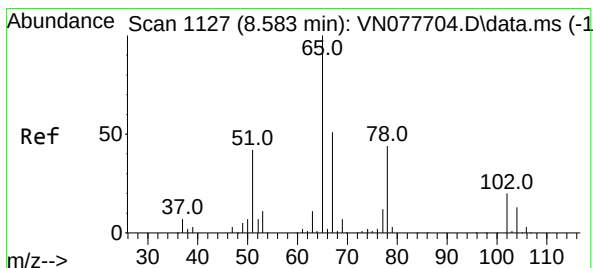
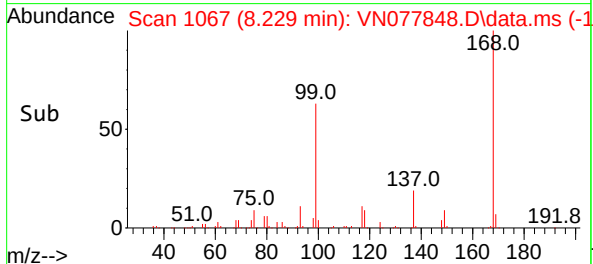
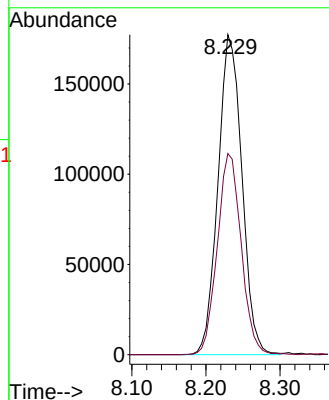
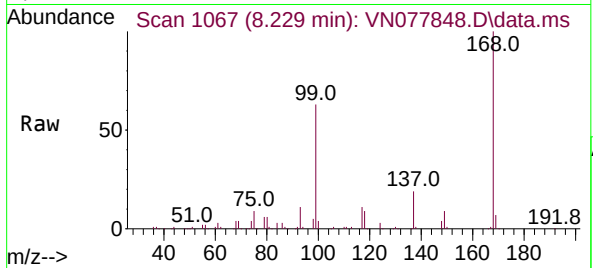




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077848.D
Acq: 24 May 2023 12:01

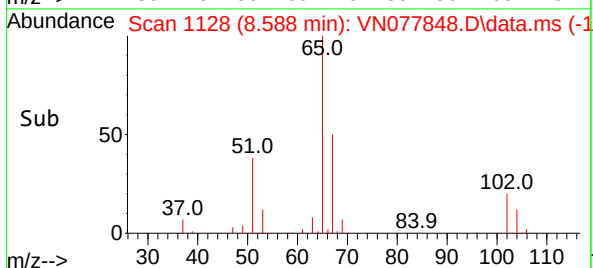
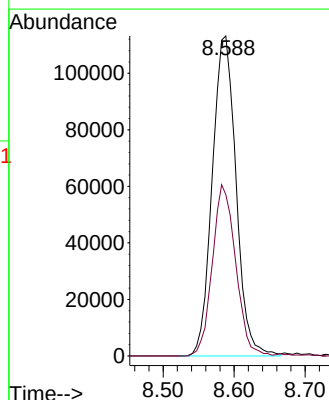
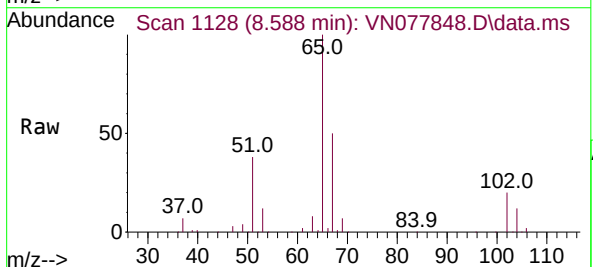
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBL01

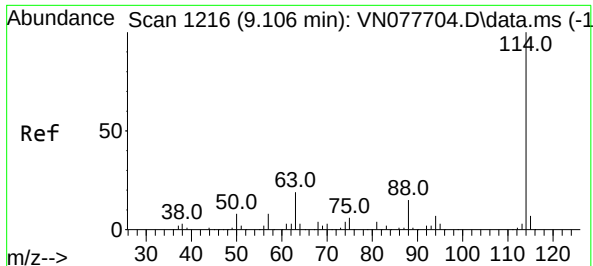
Tgt Ion:168 Resp: 397657
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.209 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077848.D
Acq: 24 May 2023 12:01

Tgt Ion: 65 Resp: 263044
Ion Ratio Lower Upper
65 100
67 52.4 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: VN077848.D

Acq: 24 May 2023 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBL01

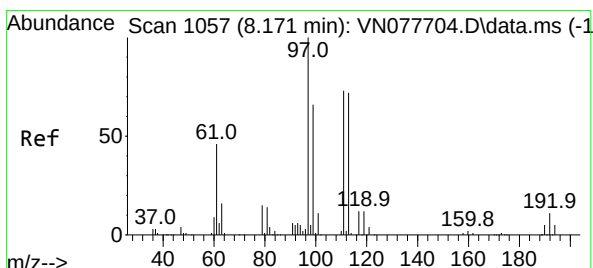
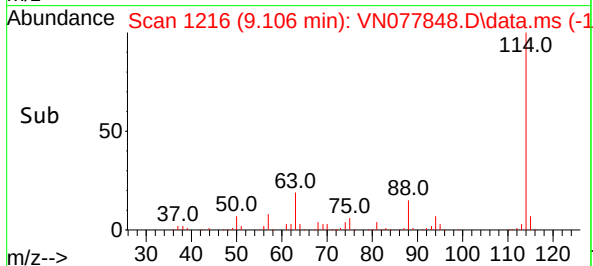
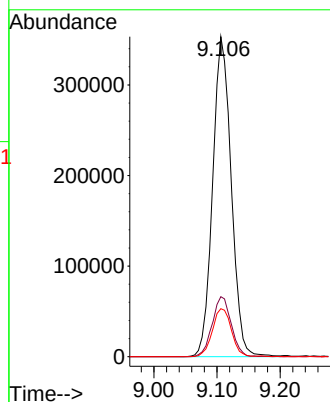
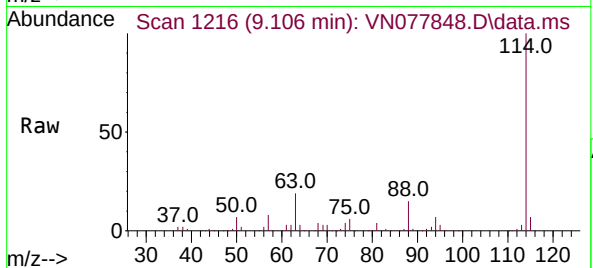
Tgt Ion:114 Resp: 721293

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.431 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077848.D

Acq: 24 May 2023 12:01

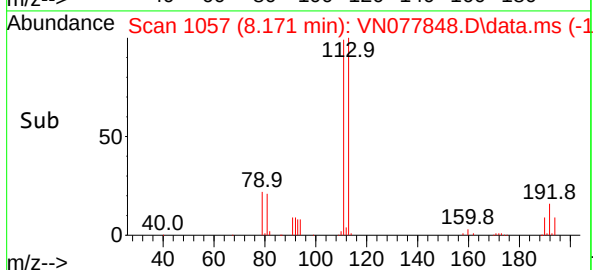
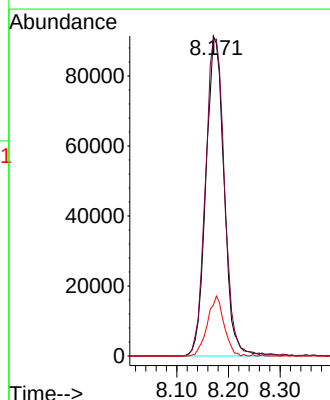
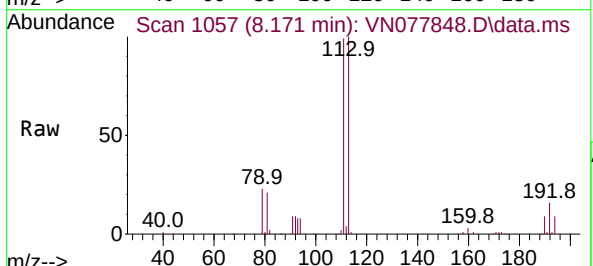
Tgt Ion:113 Resp: 223091

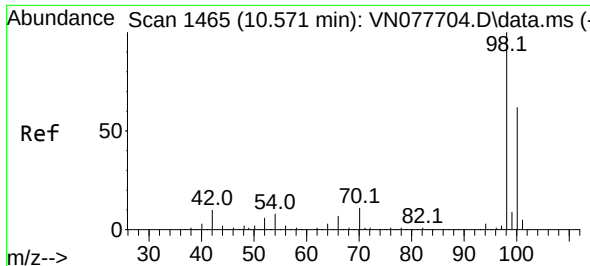
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.2 12.7 19.1

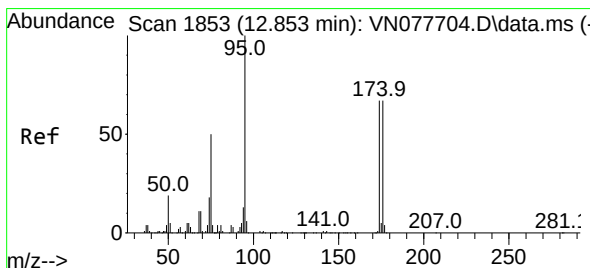
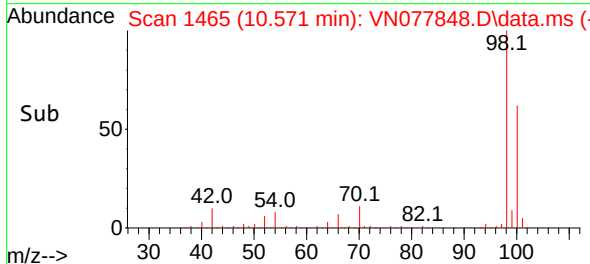
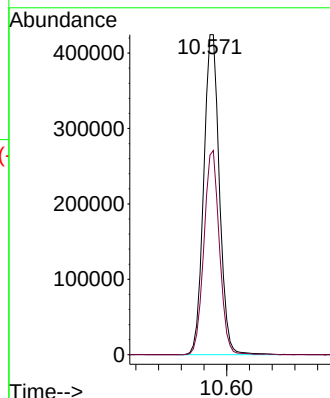
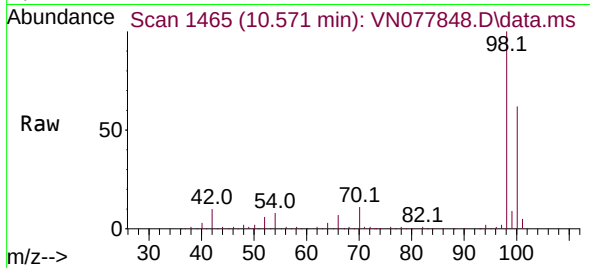




#50
Toluene-d8
Concen: 44.777 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077848.D
Acq: 24 May 2023 12:01

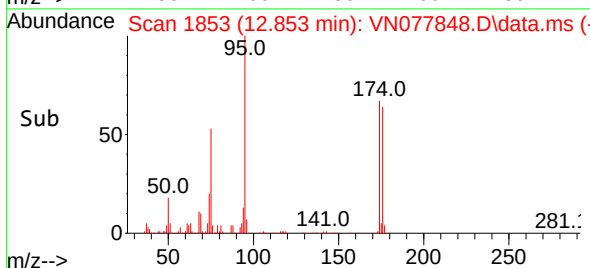
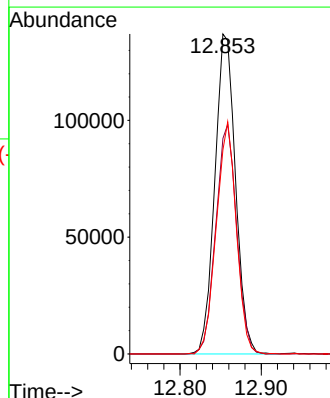
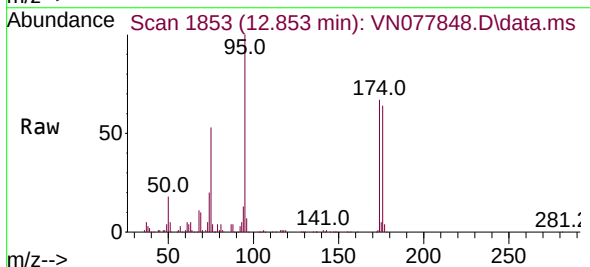
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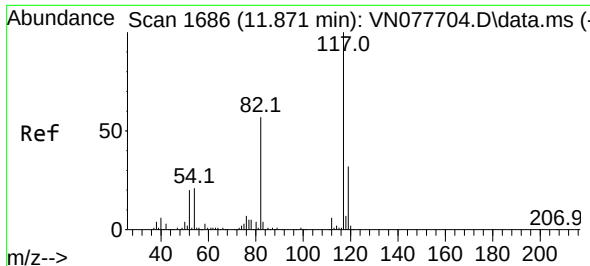
Tgt Ion: 98 Resp: 810642
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.965 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077848.D
Acq: 24 May 2023 12:01

Tgt Ion: 95 Resp: 242744
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 70.2 0.0 135.8

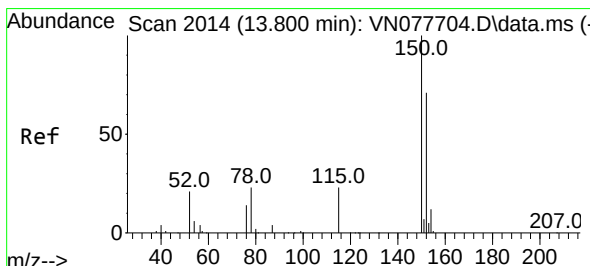
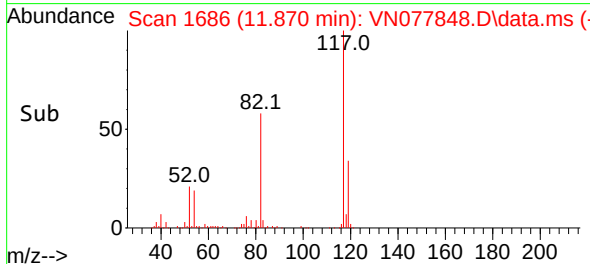
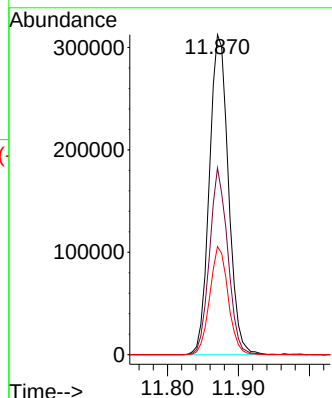
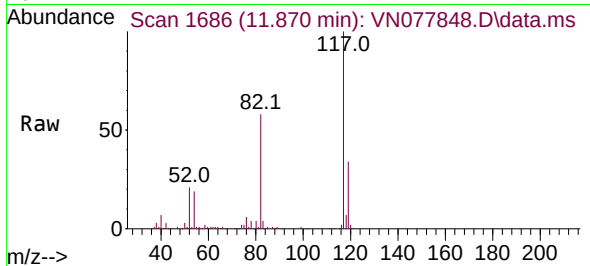




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077848.D
Acq: 24 May 2023 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN0524MBL01

Tgt Ion:117 Resp: 581907
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 33.8 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: VN077848.D
Acq: 24 May 2023 12:01

Tgt Ion:152 Resp: 196135
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 158.0 0.0 355.8

