

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077985.D
 Acq On : 31 May 2023 11:30
 Operator : JC\MD
 Sample : VN0531MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531MBL01

Quant Time: Jun 01 01:48:45 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	358364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	578971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	178532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	253339	47.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.500%
35) Dibromofluoromethane	8.177	113	220098	51.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.571	98	817522	49.770	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.853	95	265209	45.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%

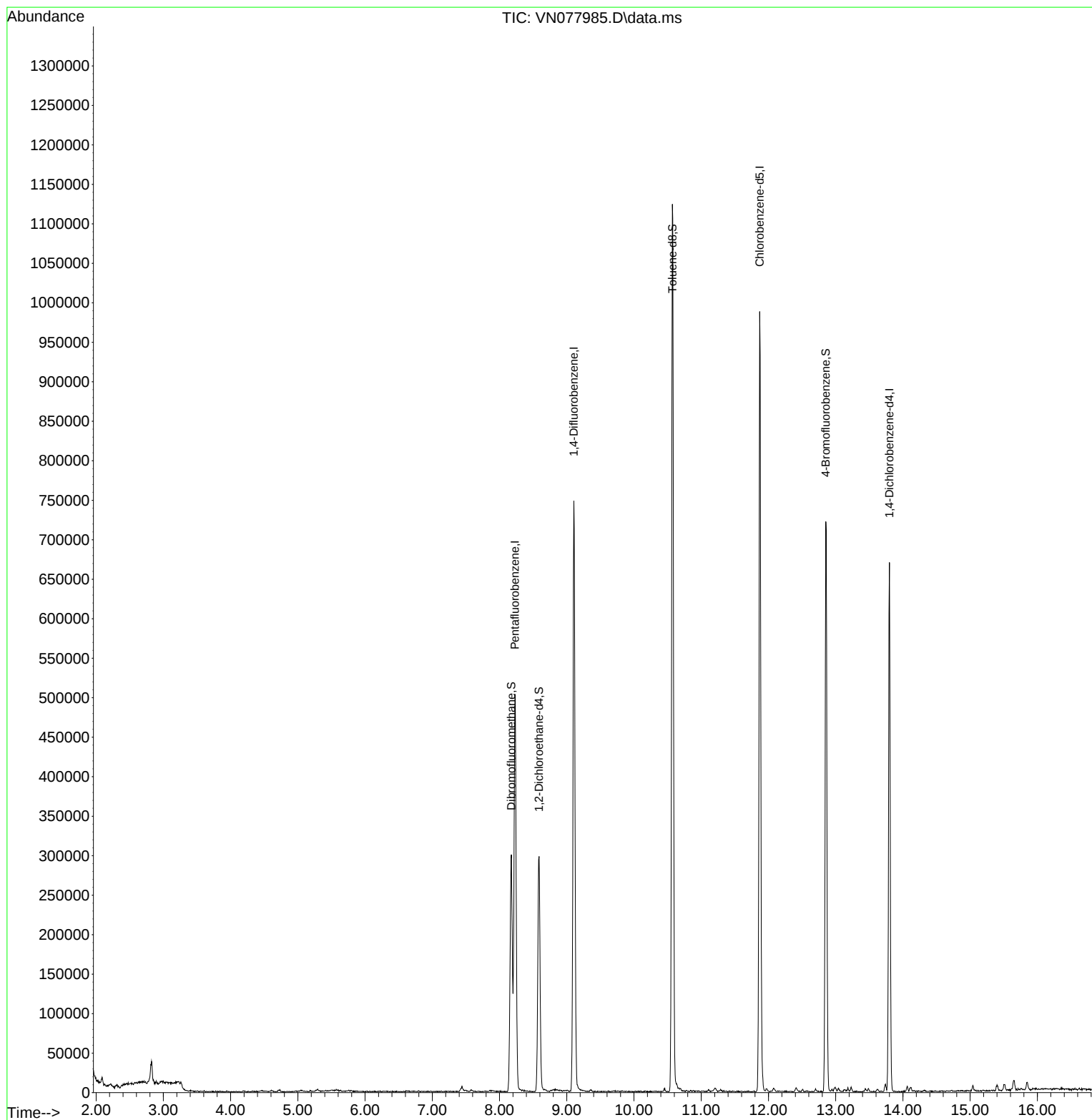
Target Compounds	Qvalue

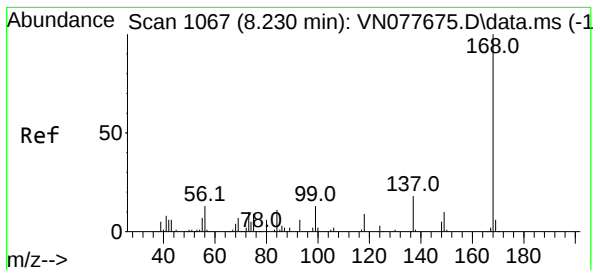
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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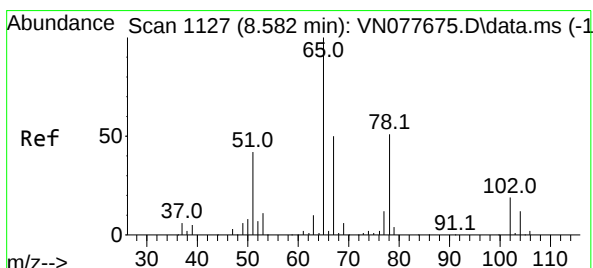
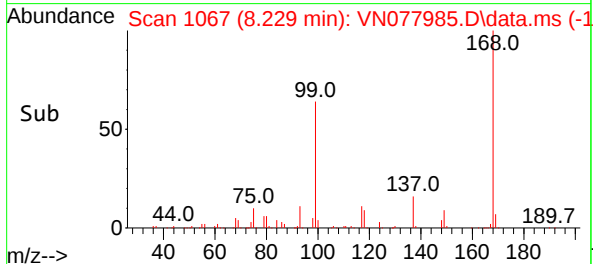
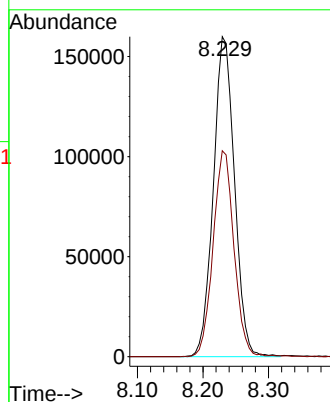
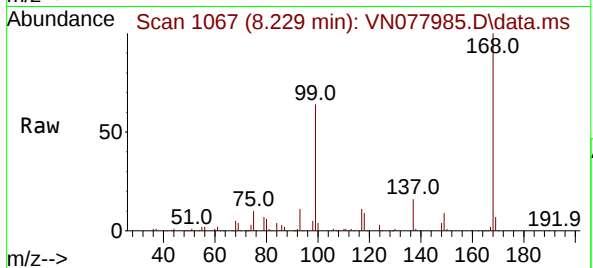




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077985.D
Acq: 31 May 2023 11:30

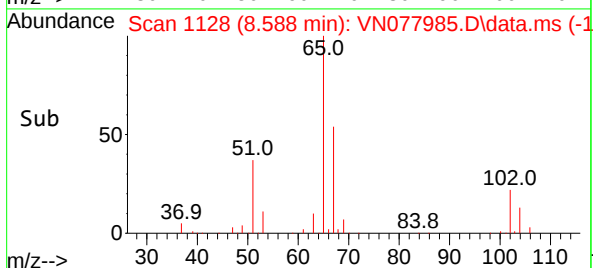
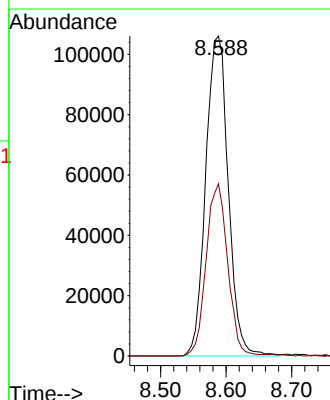
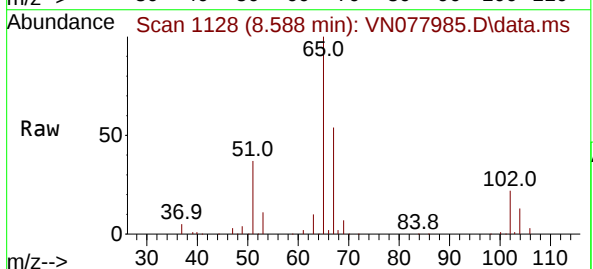
Instrument :
MSVOA_N
ClientSampleId :
VN0531MBL01

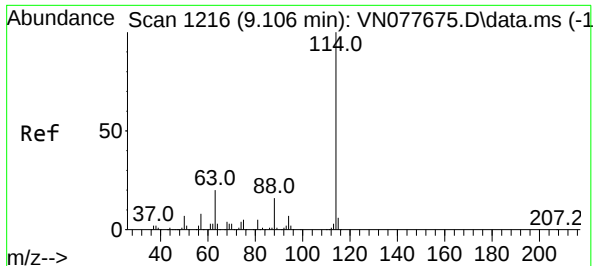
Tgt Ion:168 Resp: 358364
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.247 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077985.D
Acq: 31 May 2023 11:30

Tgt Ion: 65 Resp: 253339
Ion Ratio Lower Upper
65 100
67 51.5 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: VN077985.D

Acq: 31 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0531MBL01

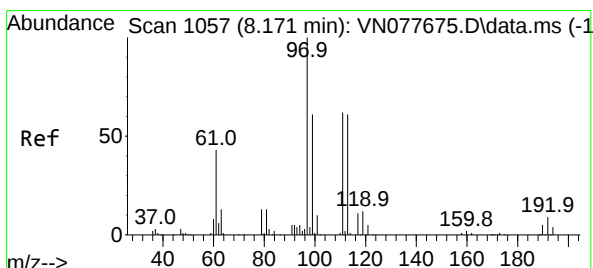
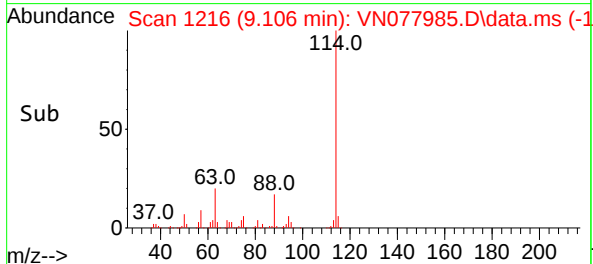
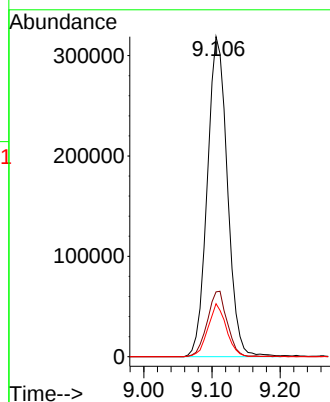
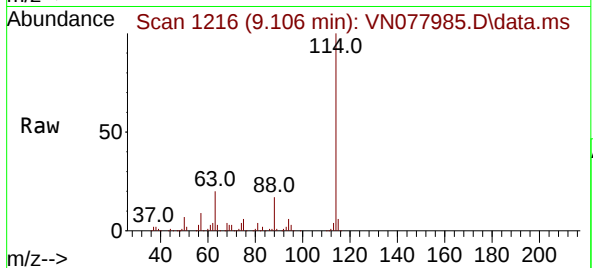
Tgt Ion:114 Resp: 654433

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.576 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077985.D

Acq: 31 May 2023 11:30

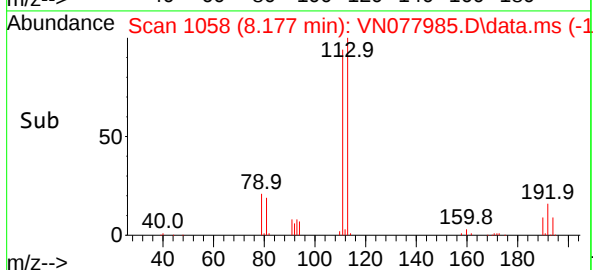
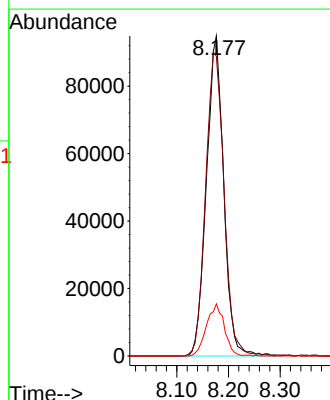
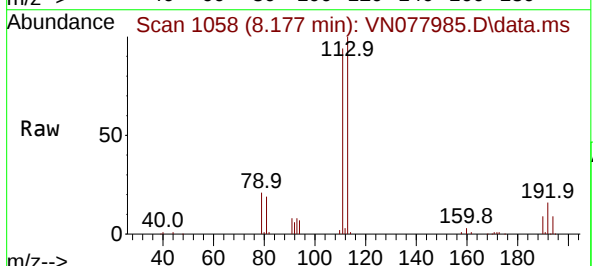
Tgt Ion:113 Resp: 220098

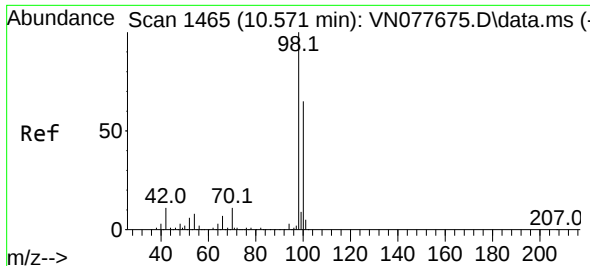
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 16.9 12.7 19.1

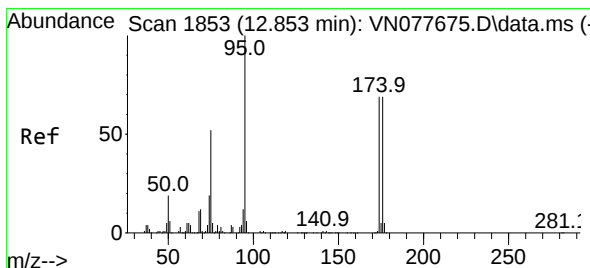
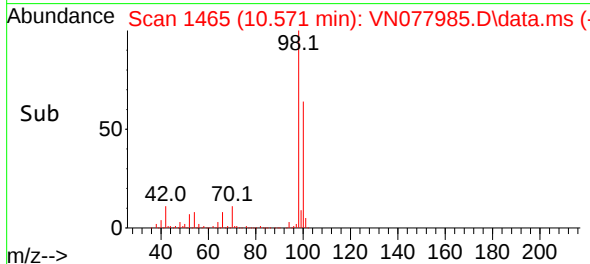
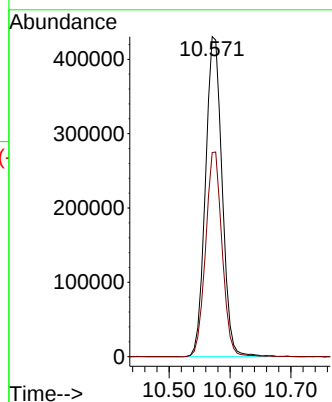
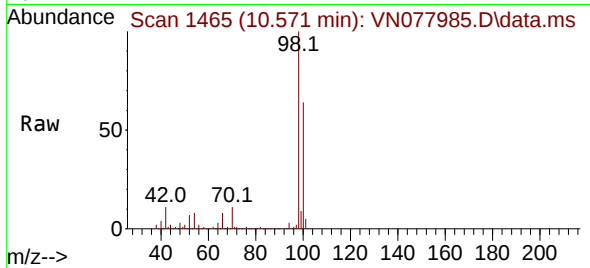




#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077985.D
Acq: 31 May 2023 11:30

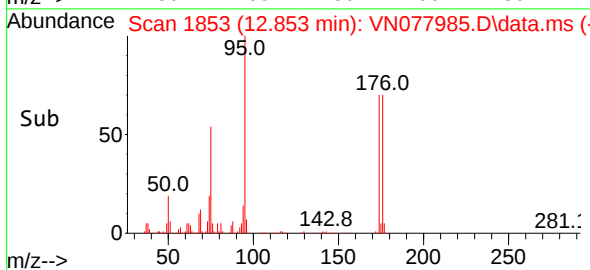
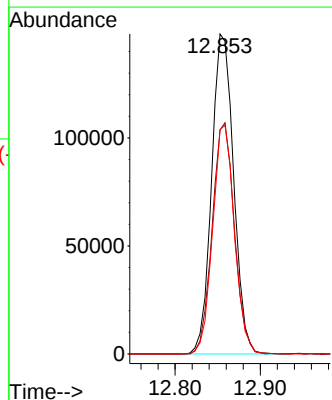
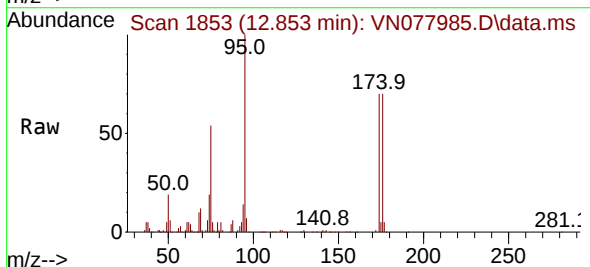
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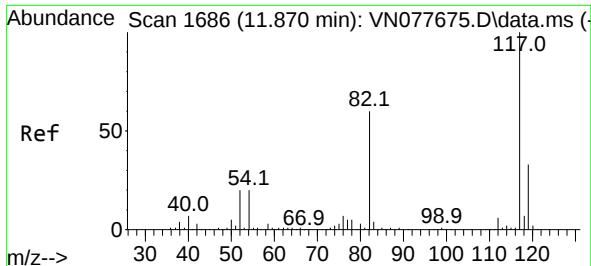
Tgt Ion: 98 Resp: 817522
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.716 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077985.D
Acq: 31 May 2023 11:30

Tgt Ion: 95 Resp: 265209
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 70.6 0.0 135.8

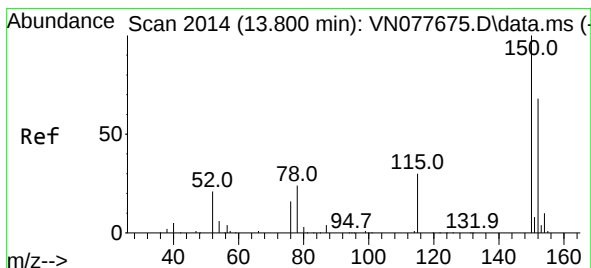
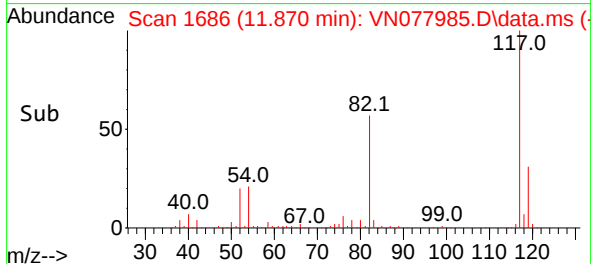
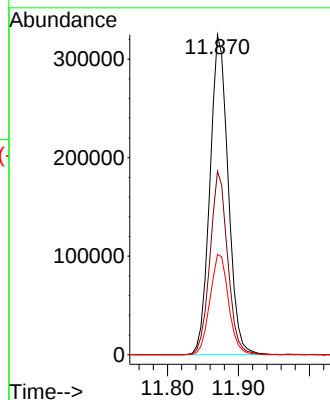
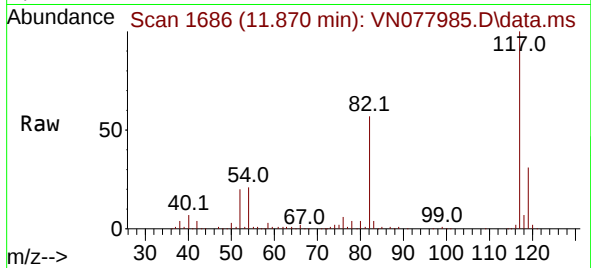




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077985.D
Acq: 31 May 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0531MBL01

Tgt Ion:117 Resp: 578971
Ion Ratio Lower Upper
117 100
82 57.3 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: VN077985.D
Acq: 31 May 2023 11:30

Tgt Ion:152 Resp: 178532
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 156.1 0.0 355.8

