

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077998.D
 Acq On : 31 May 2023 17:19
 Operator : JC\MD
 Sample : 02943-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB03-20230523

Quant Time: Jun 01 01:56:21 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	380977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	691261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	611929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	189695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265630	46.599	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.200%
35) Dibromofluoromethane	8.177	113	227282	50.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	10.576	98	846325	48.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.859	95	270276	44.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.220%

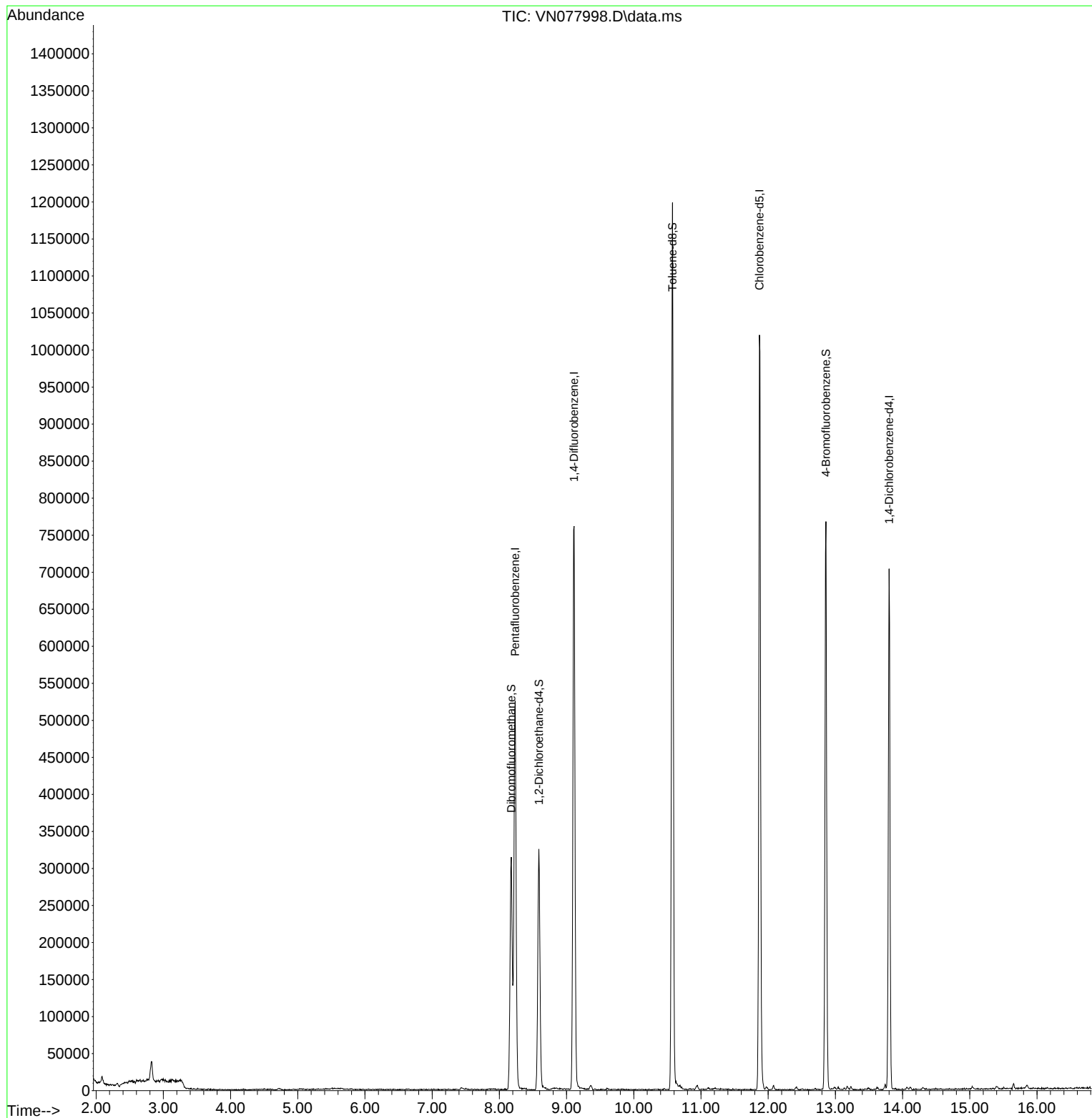
Target Compounds	Qvalue

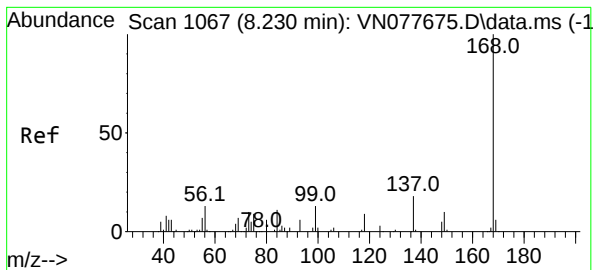
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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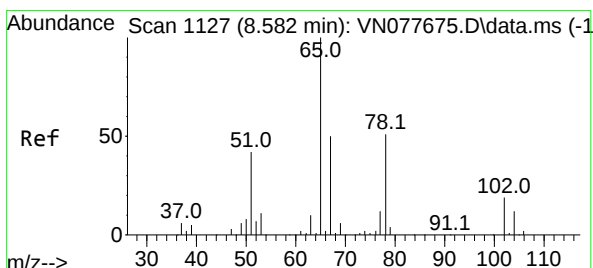
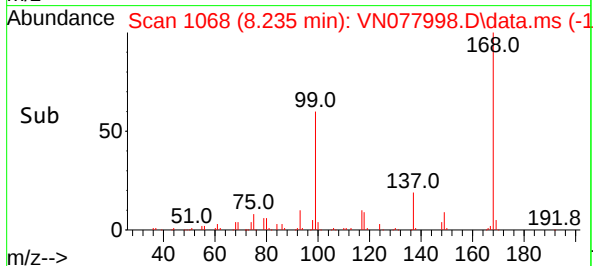
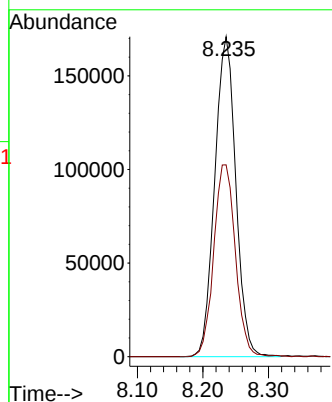
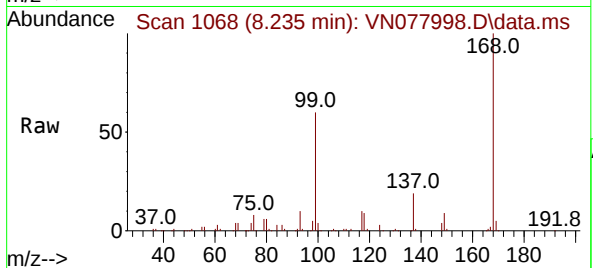




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077998.D
Acq: 31 May 2023 17:19

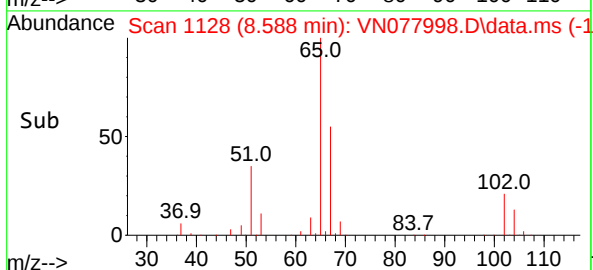
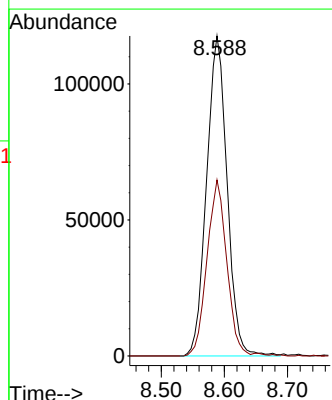
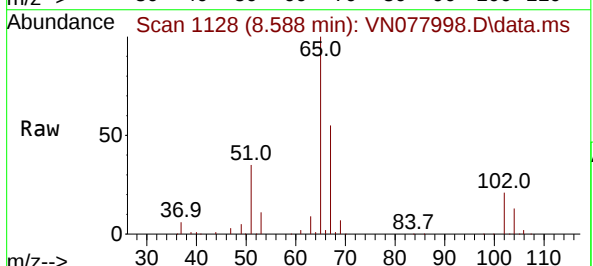
Instrument :
MSVOA_N
ClientSampleId :
TB03-20230523

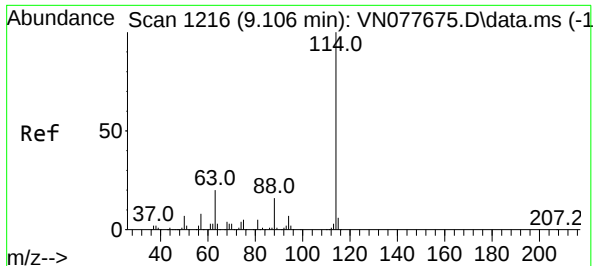
Tgt Ion:168 Resp: 380977
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.599 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077998.D
Acq: 31 May 2023 17:19

Tgt Ion: 65 Resp: 265630
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077998.D

Acq: 31 May 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

TB03-20230523

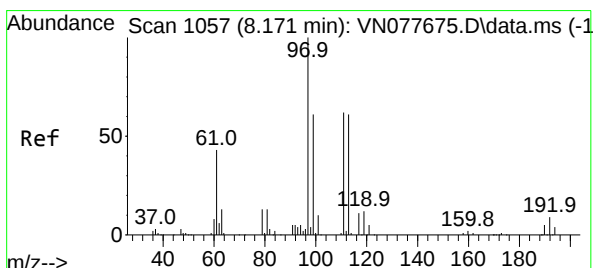
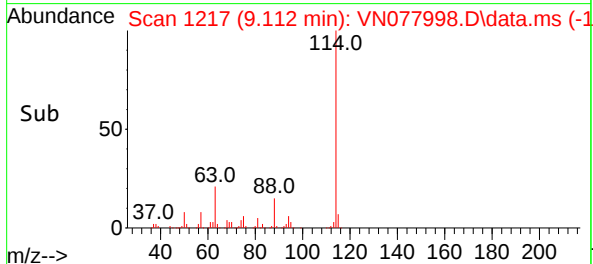
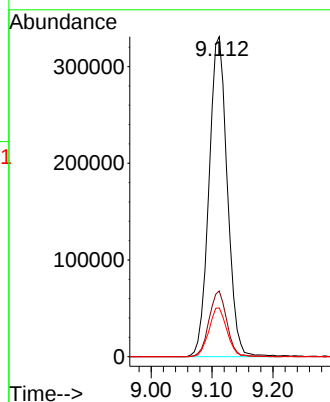
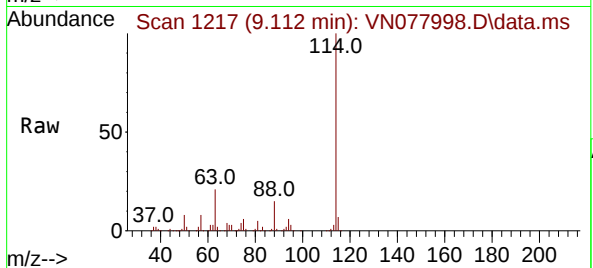
Tgt Ion:114 Resp: 691261

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.422 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077998.D

Acq: 31 May 2023 17:19

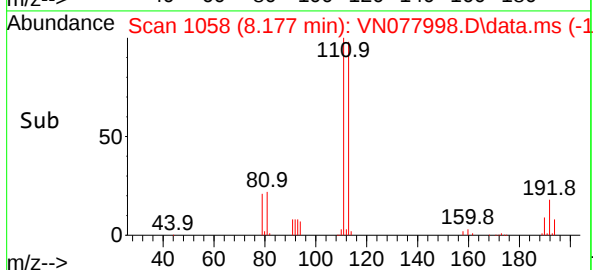
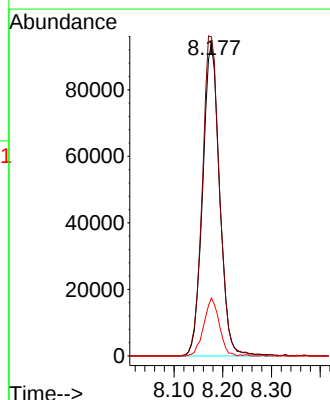
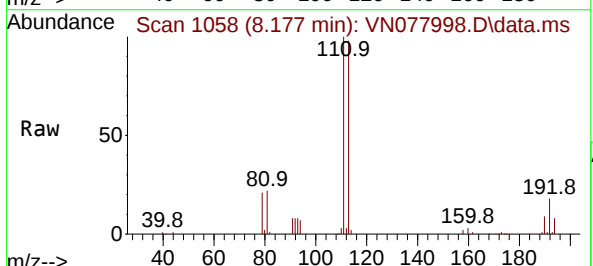
Tgt Ion:113 Resp: 227282

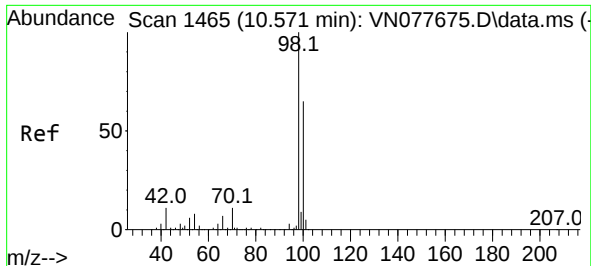
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.8 12.7 19.1

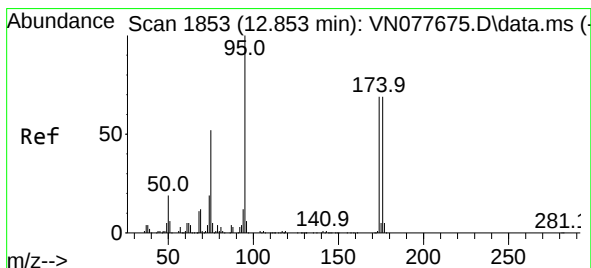
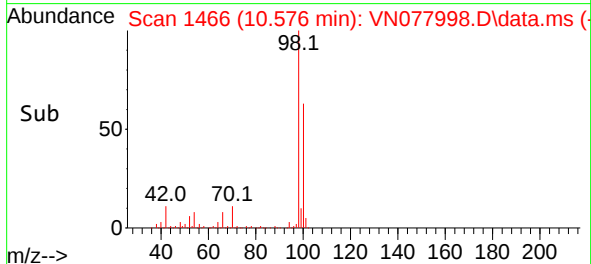
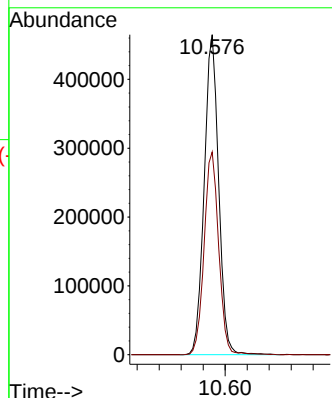
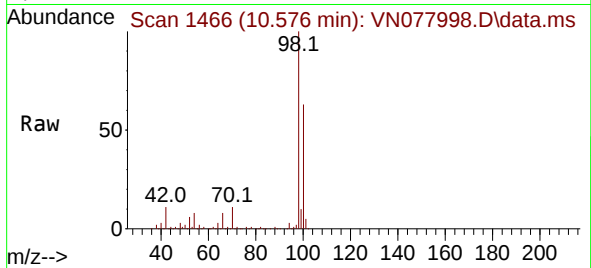




#50
Toluene-d8
Concen: 48.779 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077998.D
Acq: 31 May 2023 17:19

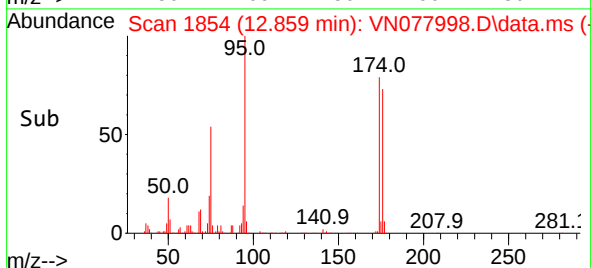
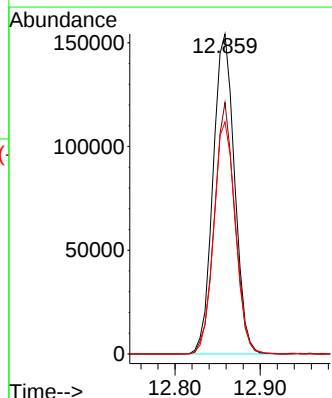
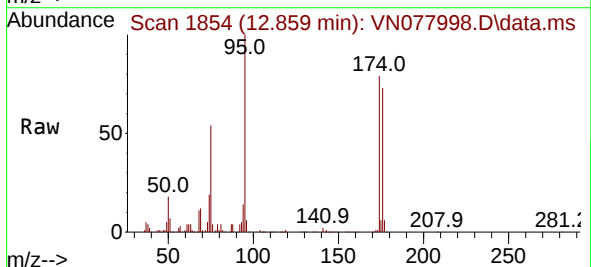
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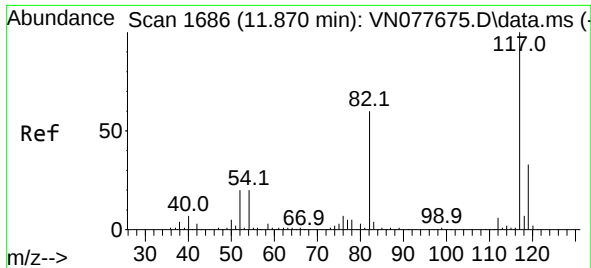
Tgt Ion: 98 Resp: 846325
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.107 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077998.D
Acq: 31 May 2023 17:19

Tgt Ion: 95 Resp: 270276
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 73.0 0.0 135.8

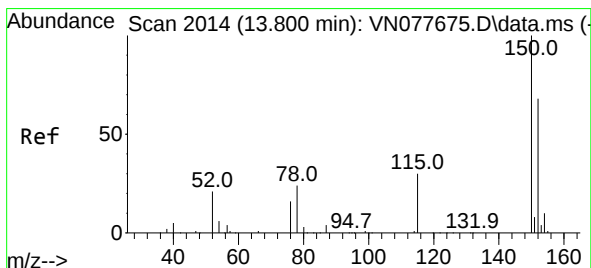
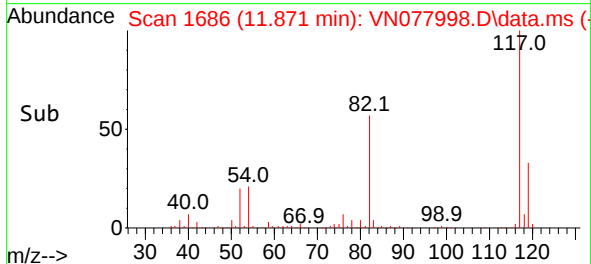
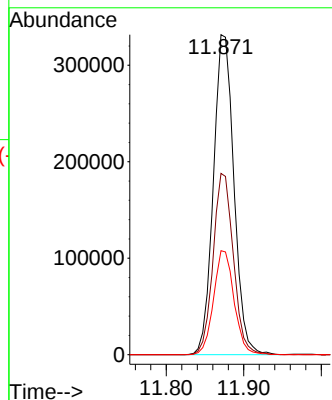
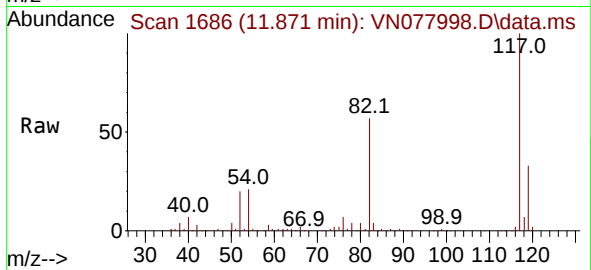




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077998.D
Acq: 31 May 2023 17:19

Instrument :
MSVOA_N
ClientSampleId :
TB03-20230523

Tgt Ion:117 Resp: 611929
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.5 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: VN077998.D
Acq: 31 May 2023 17:19

Tgt Ion:152 Resp: 189695
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 156.2 0.0 355.8

