

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075798.D
 Acq On : 15 Dec 2022 04:27
 Operator : JC\MD
 Sample : N5990-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40D

Quant Time: Dec 15 07:44:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	348144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	471702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178429	47.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.220%
35) Dibromofluoromethane	8.171	113	163093	48.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.571	98	626748	49.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.853	95	197927	47.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.260%

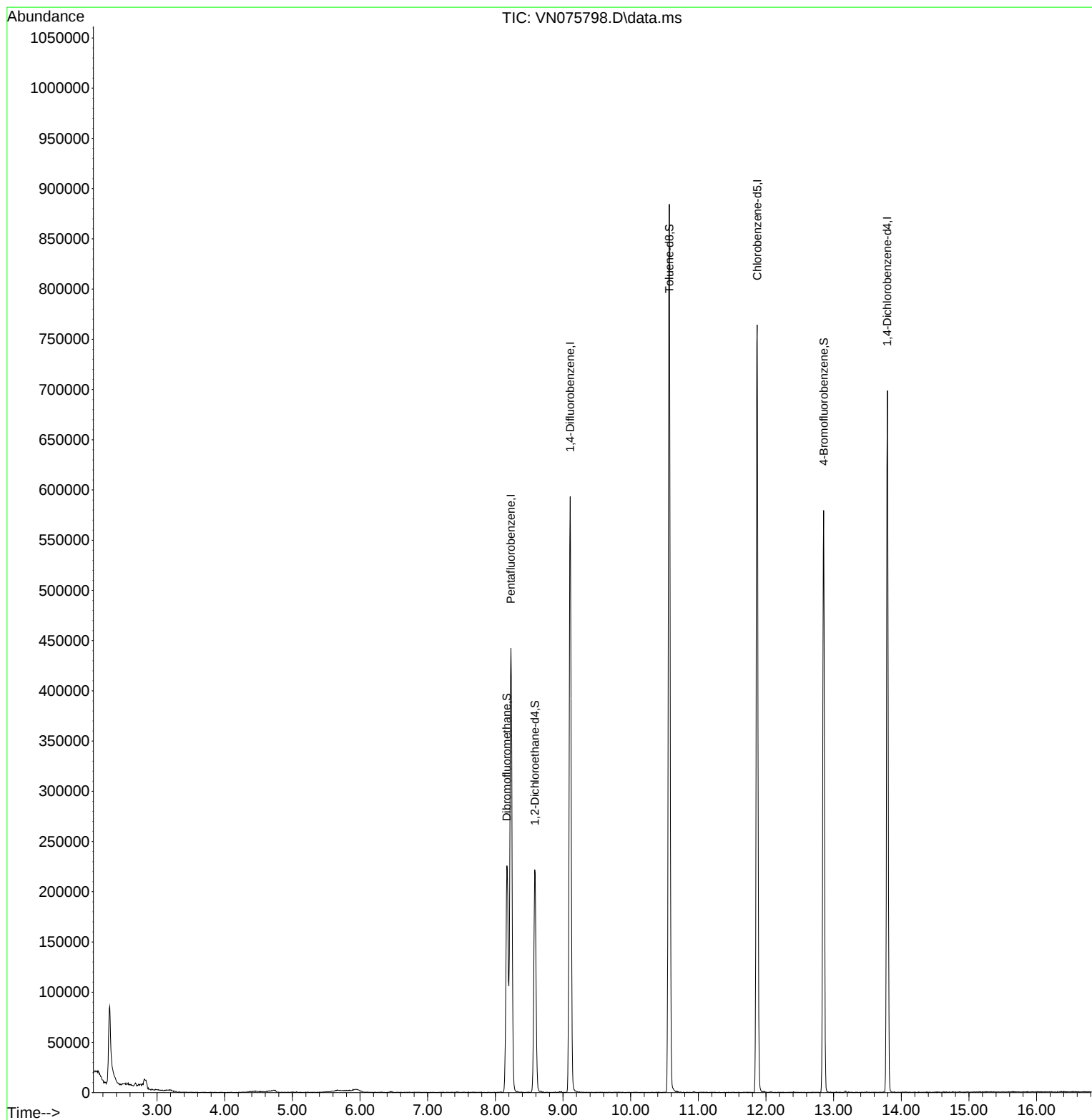
Target Compounds	Qvalue

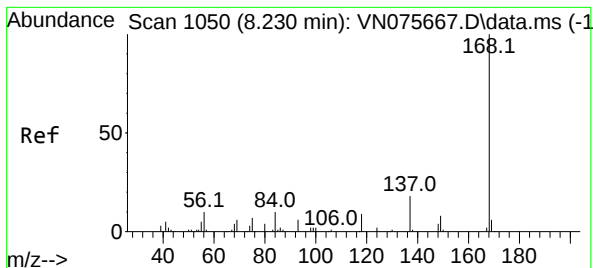
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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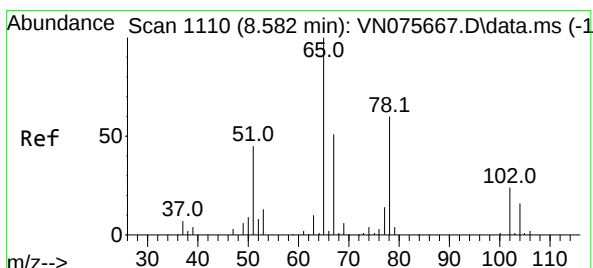
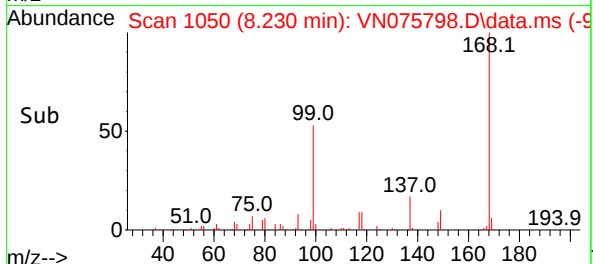
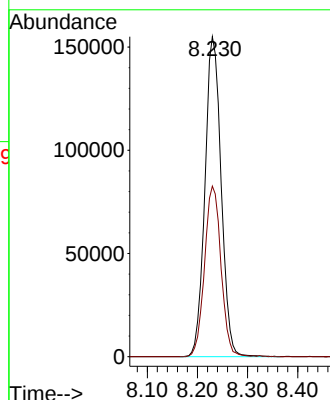
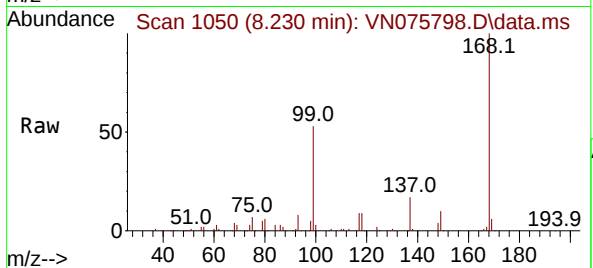




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

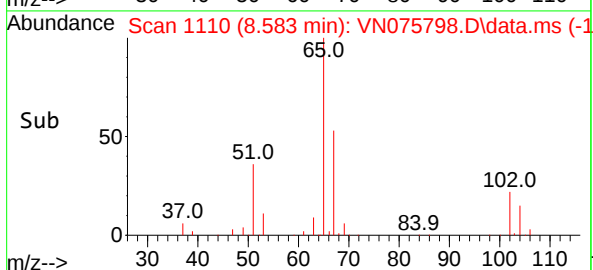
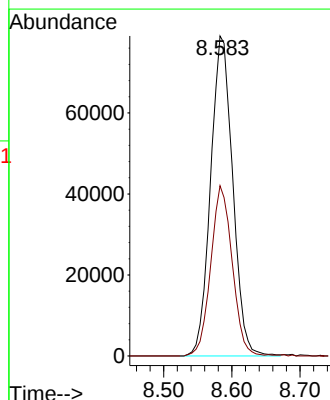
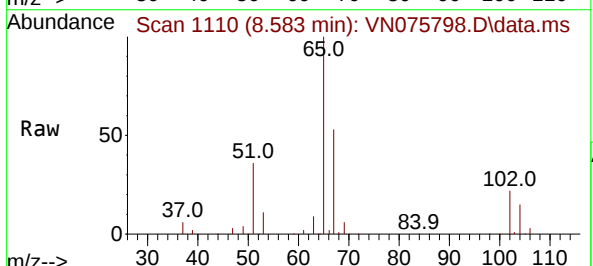
Instrument :
MSVOA_N
ClientSampleId :
MW-40D

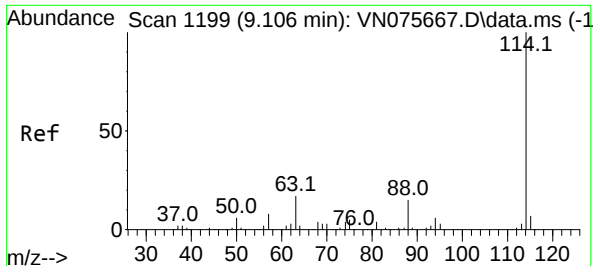
Tgt Ion:168 Resp: 348144
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.110 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion: 65 Resp: 178429
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075798.D

Acq: 15 Dec 2022 04:27

Instrument :

MSVOA_N

ClientSampleId :

MW-40D

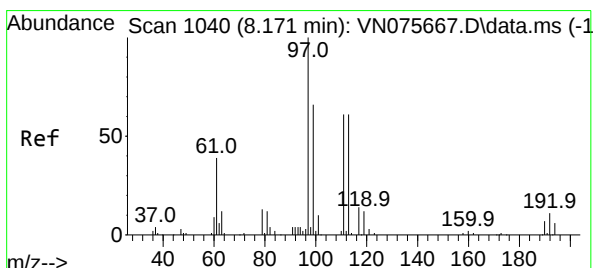
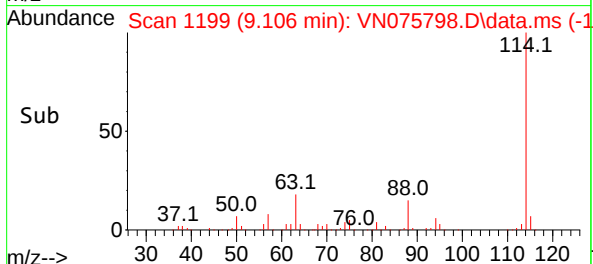
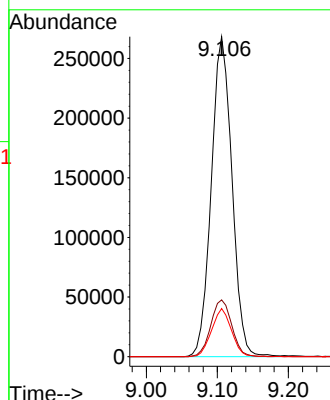
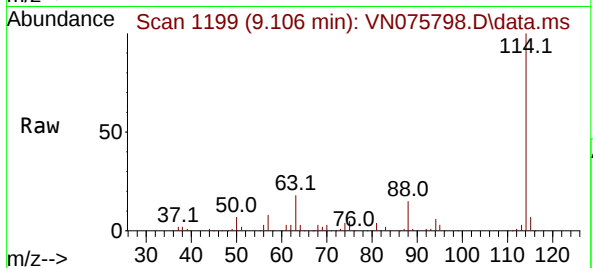
Tgt Ion:114 Resp: 541860

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.602 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075798.D

Acq: 15 Dec 2022 04:27

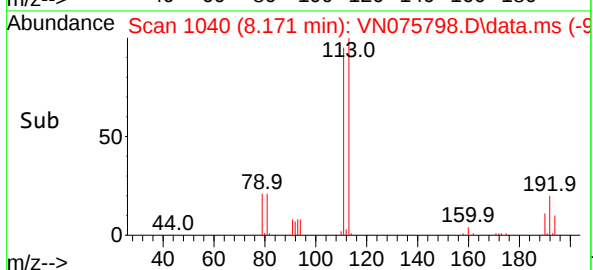
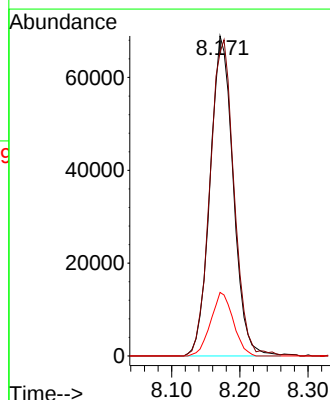
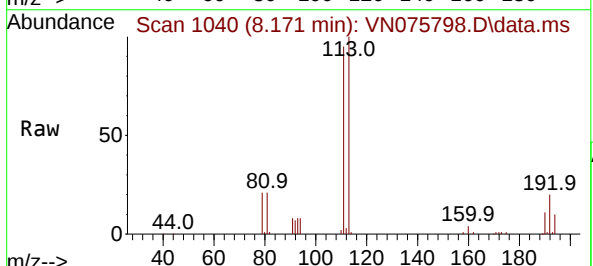
Tgt Ion:113 Resp: 163093

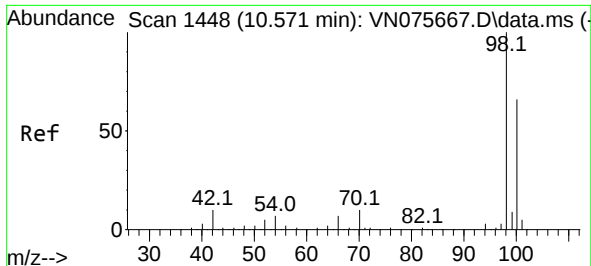
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 19.3 16.1 24.1

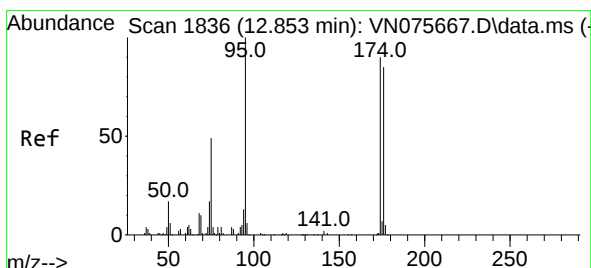
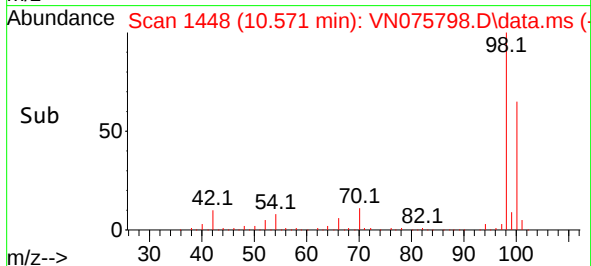
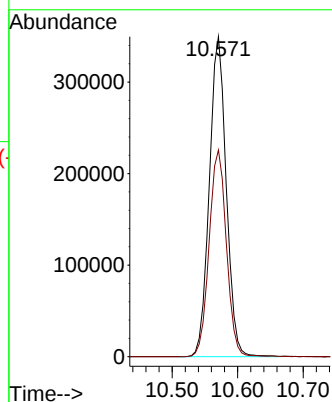
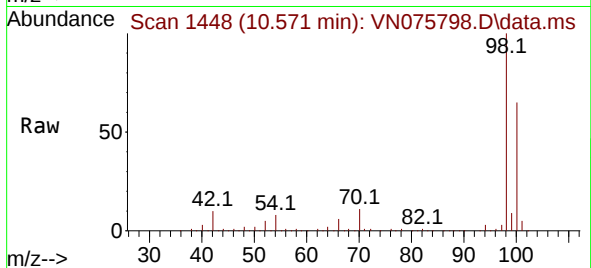




#50
Toluene-d8
Concen: 49.954 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

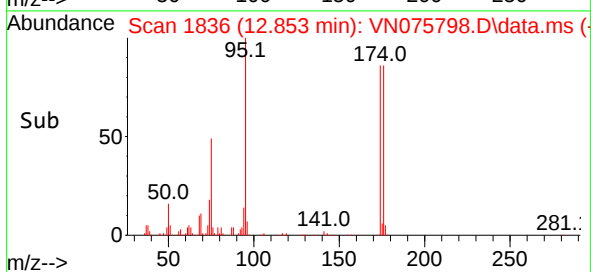
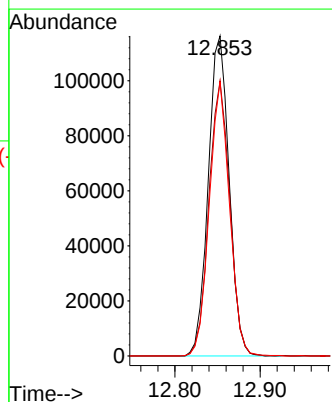
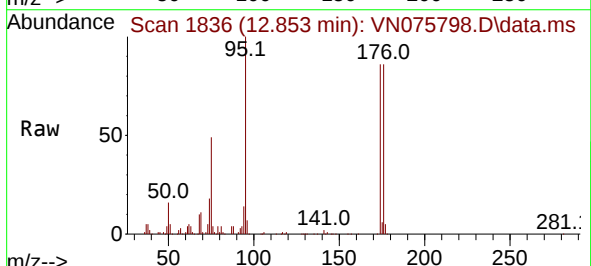
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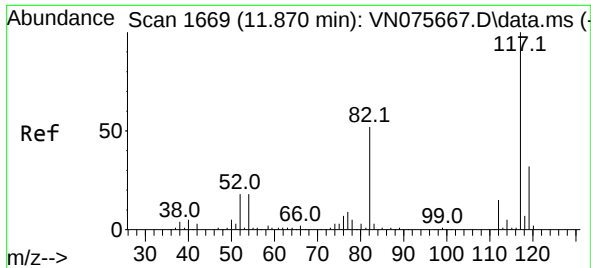
Tgt Ion: 98 Resp: 626748
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion: 95 Resp: 197927
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 83.1 0.0 169.2

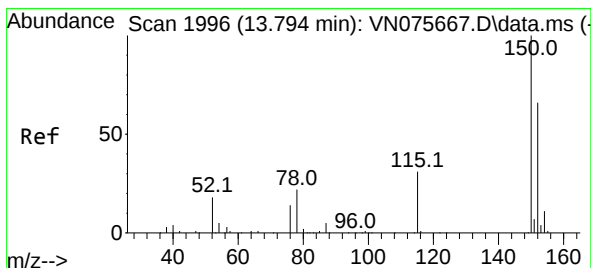
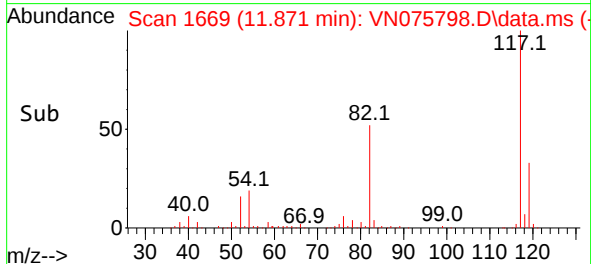
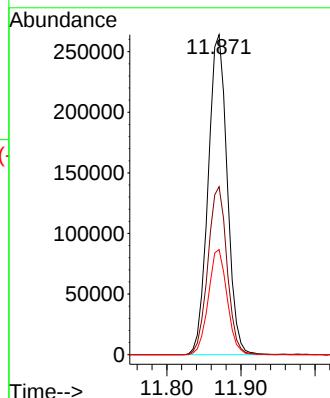
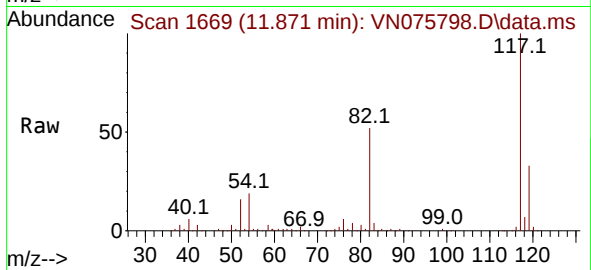




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Instrument :
MSVOA_N
ClientSampleId :
MW-40D

Tgt Ion:117 Resp: 471702
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075798.D
Acq: 15 Dec 2022 04:27

Tgt Ion:152 Resp: 195874
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 158.4 0.0 347.0

