

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075699.D
 Acq On : 10 Dec 2022 08:45
 Operator : JC\MD
 Sample : N5989-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-32

Quant Time: Dec 12 04:57:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	194369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	111848	54.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.460%
35) Dibromofluoromethane	8.177	113	101729	50.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.500%
50) Toluene-d8	10.571	98	384683	50.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.853	95	129675	49.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.760%

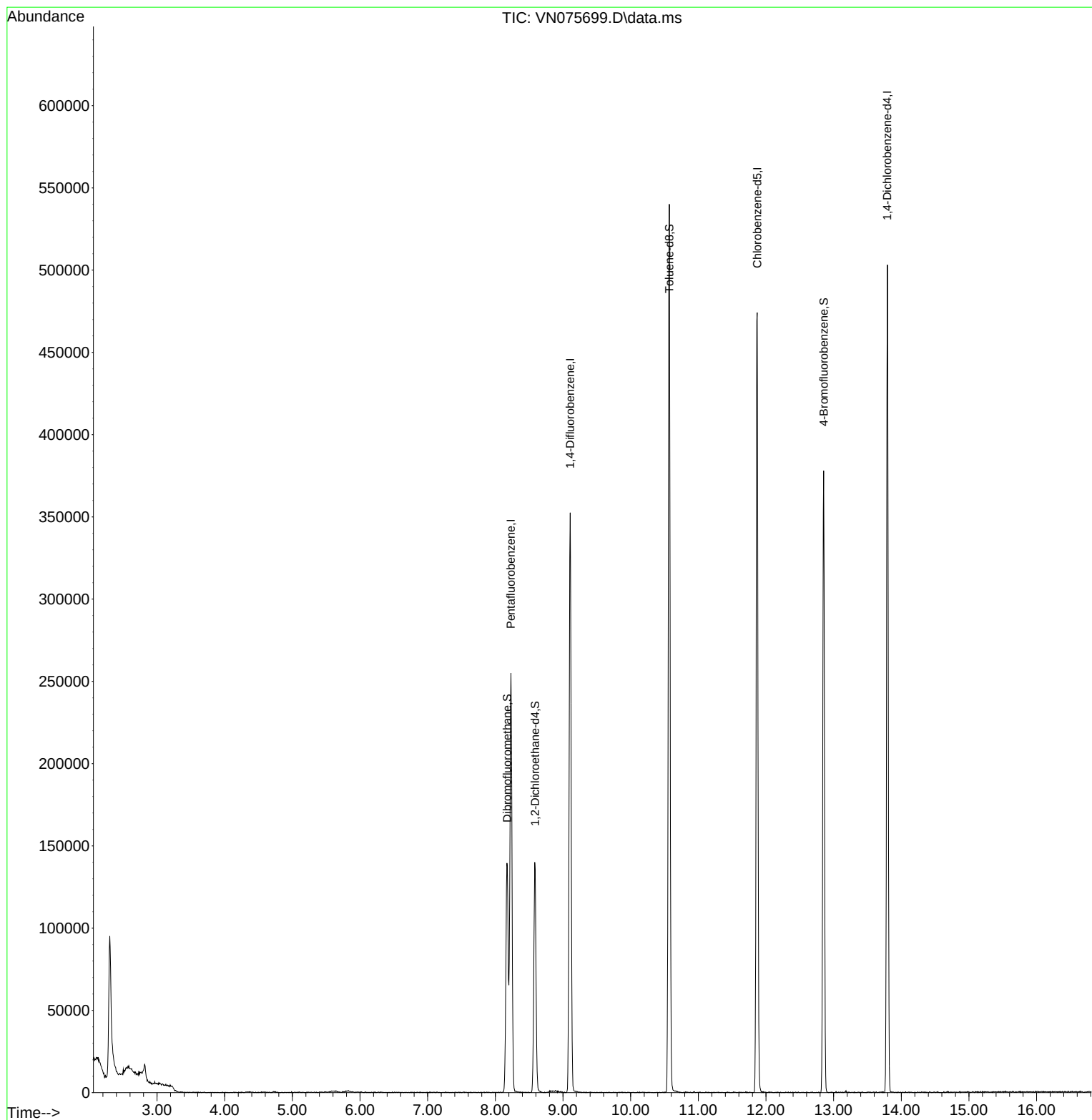
Target Compounds	Qvalue

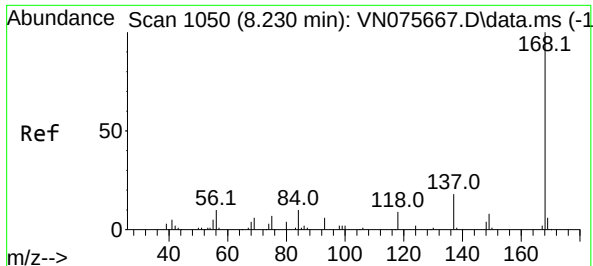
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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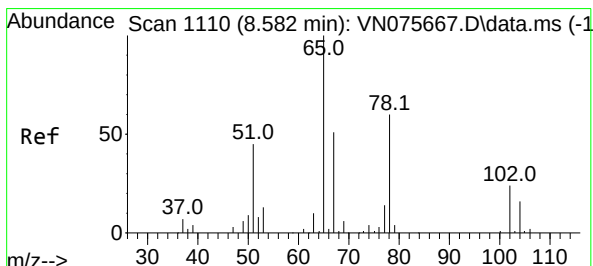
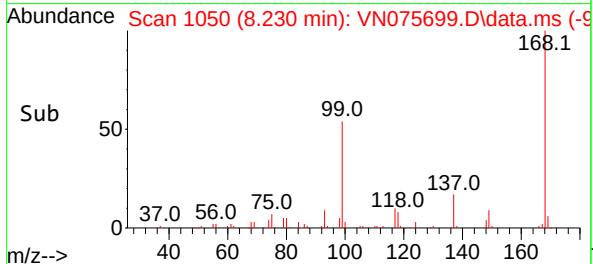
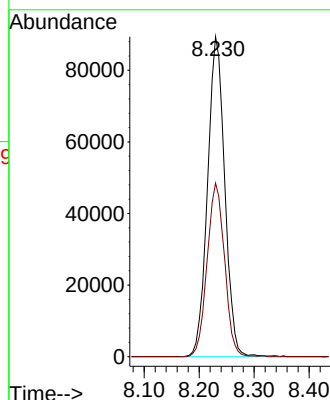
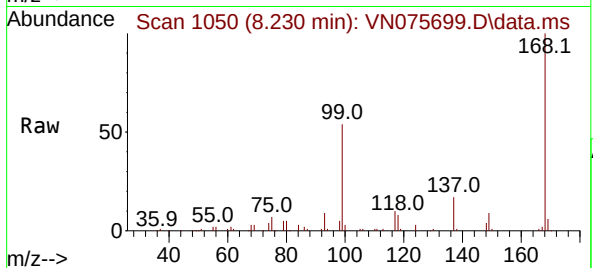




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075699.D
Acq: 10 Dec 2022 08:45

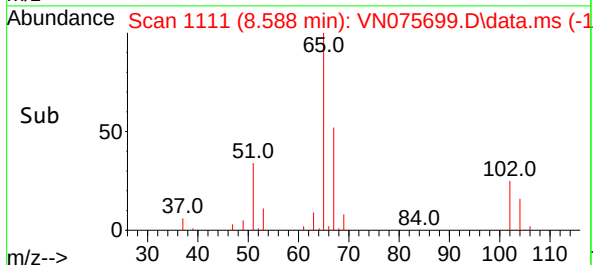
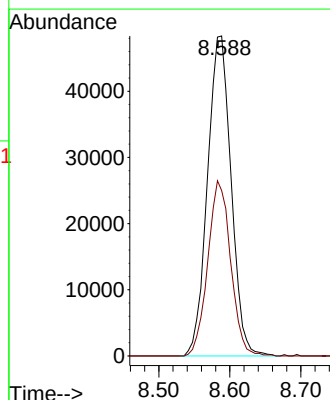
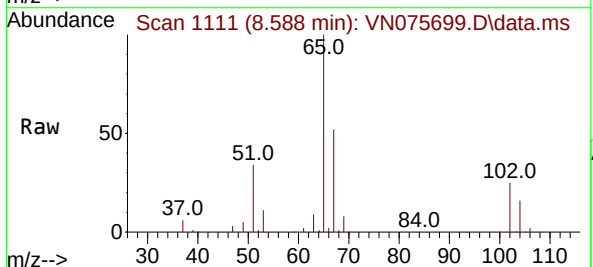
Instrument :
MSVOA_N
ClientSampleId :
MW-32

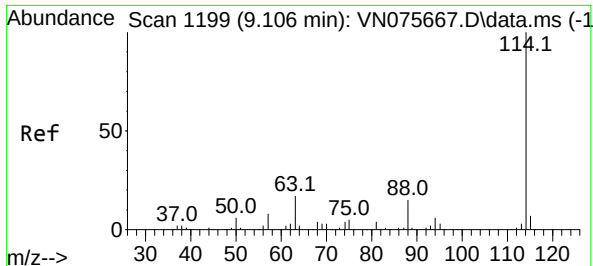
Tgt Ion:168 Resp: 194369
Ion Ratio Lower Upper
168 100
99 54.2 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 54.234 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075699.D
Acq: 10 Dec 2022 08:45

Tgt Ion: 65 Resp: 111848
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075699.D

Acq: 10 Dec 2022 08:45

Instrument :

MSVOA_N

ClientSampleId :

MW-32

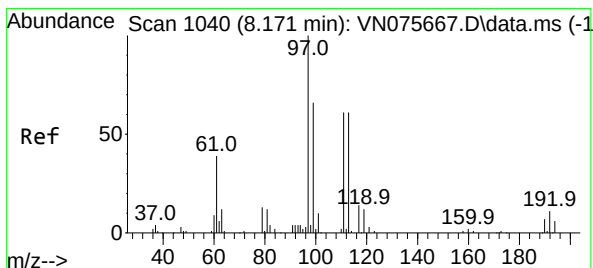
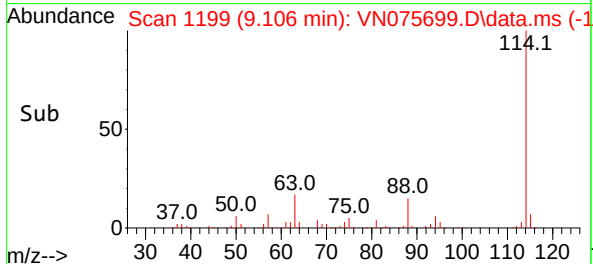
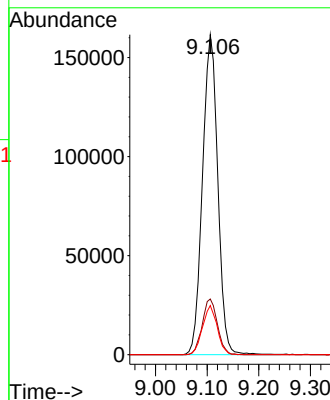
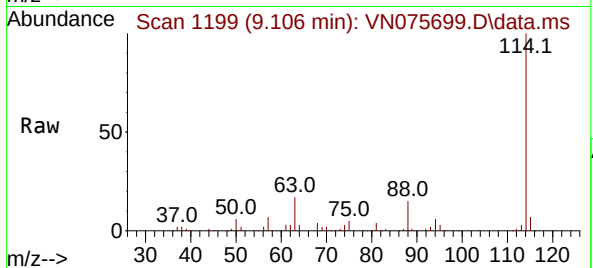
Tgt Ion:114 Resp: 331827

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 15.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.248 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075699.D

Acq: 10 Dec 2022 08:45

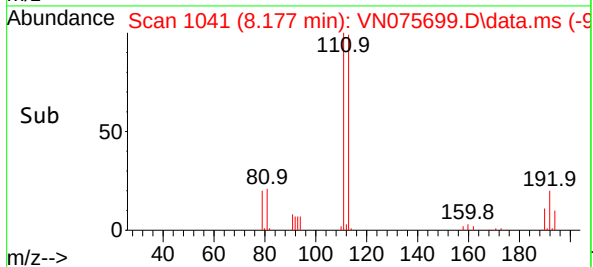
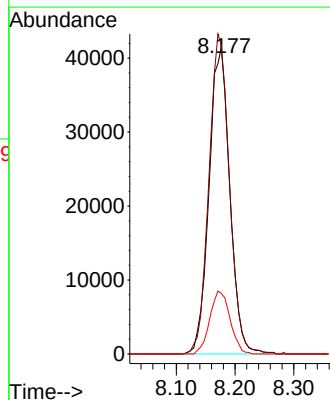
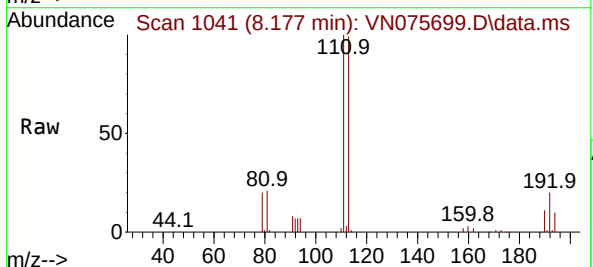
Tgt Ion:113 Resp: 101729

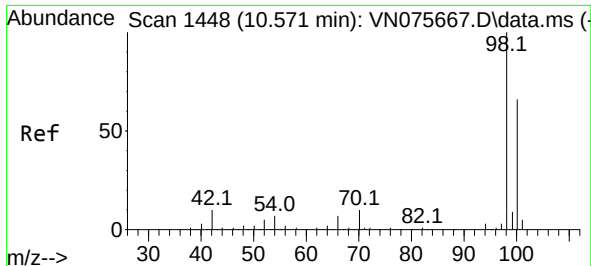
Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.6

192 20.0 16.2 24.2

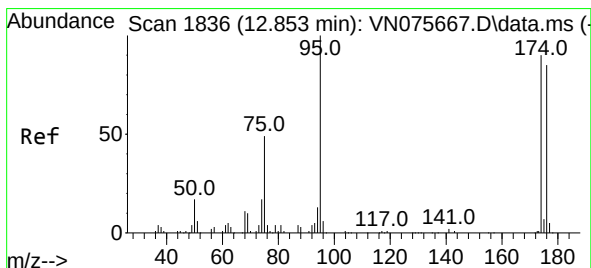
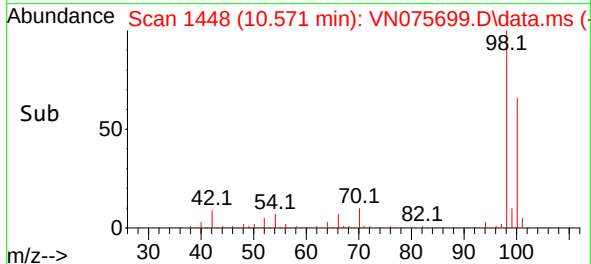
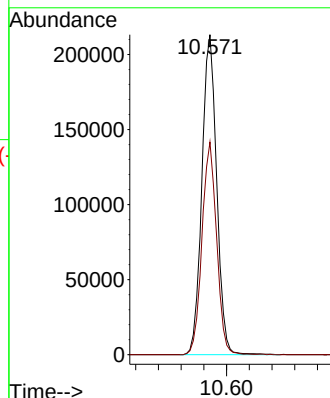
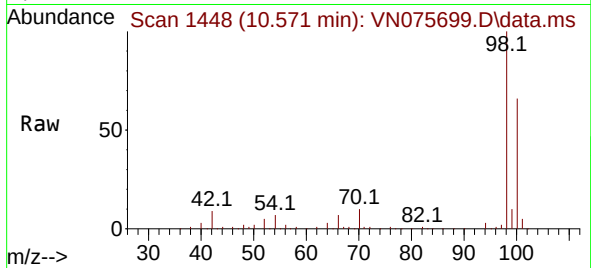




#50
Toluene-d8
Concen: 50.596 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075699.D
Acq: 10 Dec 2022 08:45

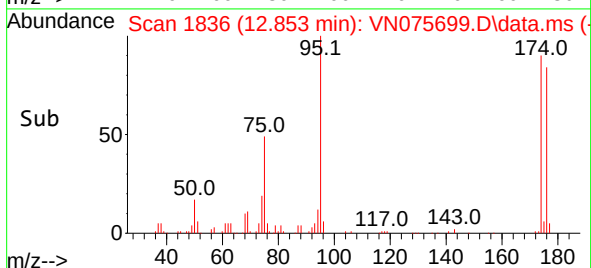
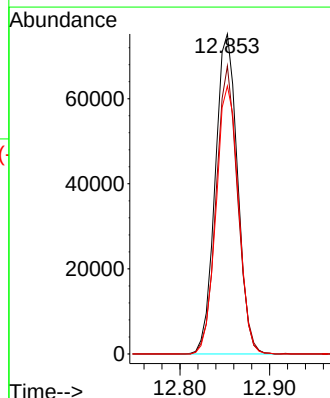
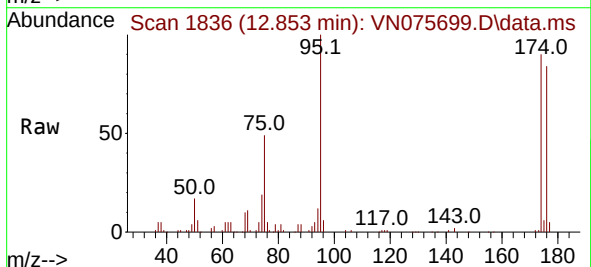
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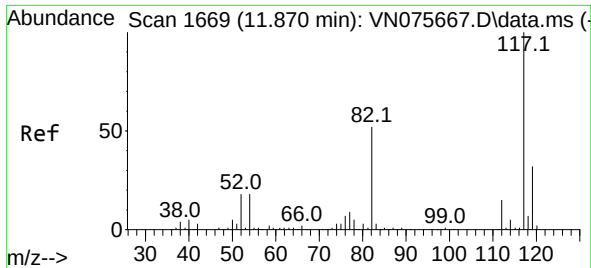
Tgt Ion: 98 Resp: 384683
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075699.D
Acq: 10 Dec 2022 08:45

Tgt Ion: 95 Resp: 129675
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.6
176 84.2 0.0 170.8

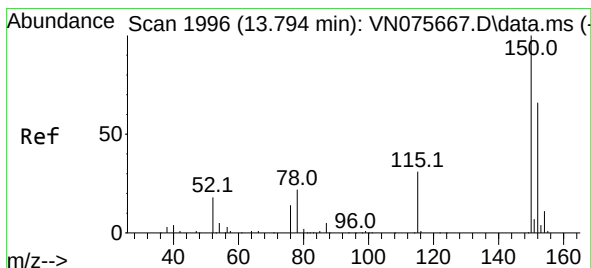
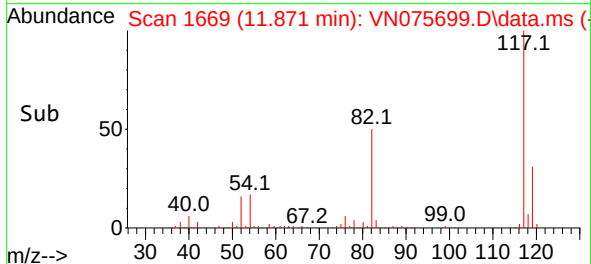
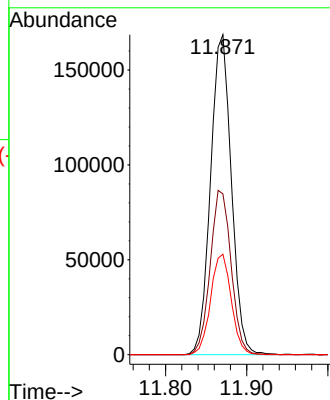
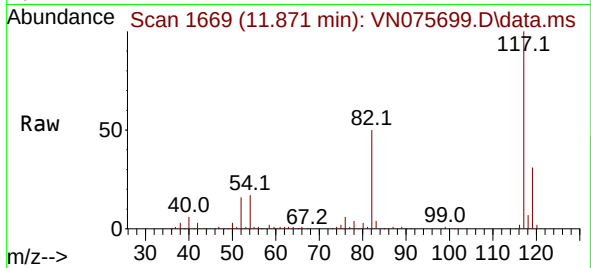




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075699.D
Acq: 10 Dec 2022 08:45

Instrument :
MSVOA_N
ClientSampleId :
MW-32

Tgt Ion:117 Resp: 300185
Ion Ratio Lower Upper
117 100
82 50.2 41.8 62.8
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075699.D
Acq: 10 Dec 2022 08:45

Tgt Ion:152 Resp: 142416
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 156.9 0.0 347.6

