

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075794.D
 Acq On : 15 Dec 2022 02:52
 Operator : JC\MD
 Sample : N5990-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Quant Time: Dec 15 03:16:51 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	346268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	473097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	181367	48.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.300%
35) Dibromofluoromethane	8.177	113	164020	48.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.571	98	626449	50.012	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.853	95	199289	48.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%

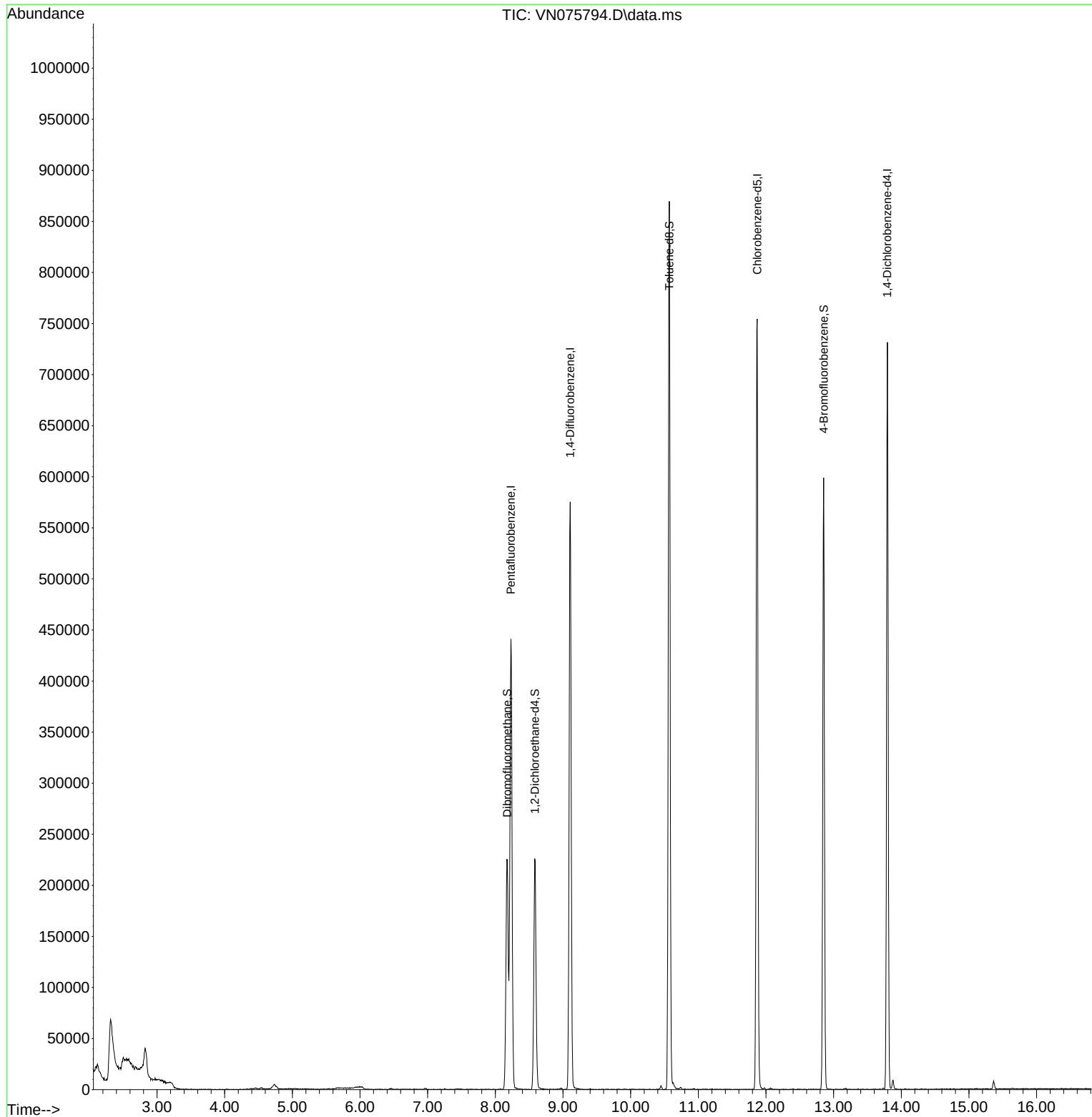
Target Compounds	Qvalue

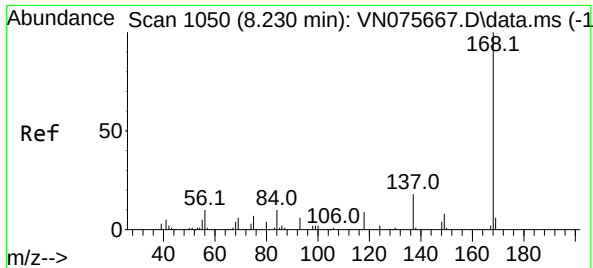
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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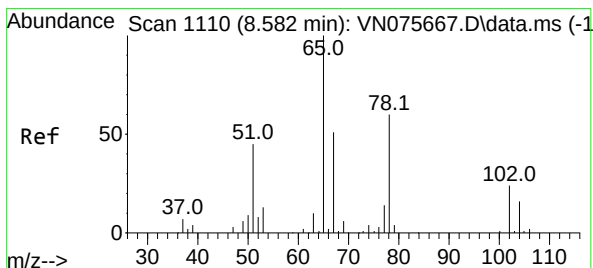
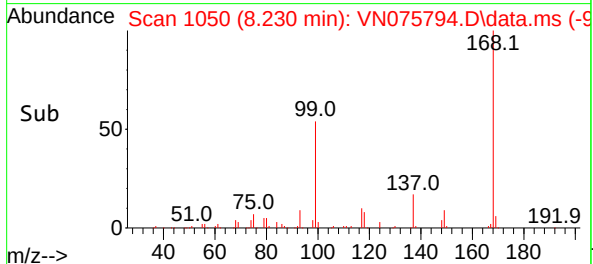
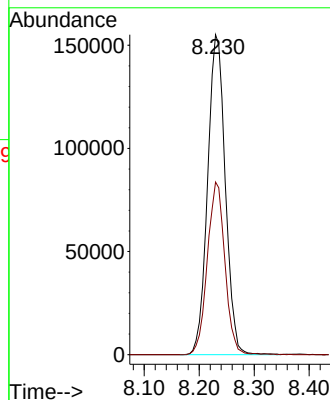
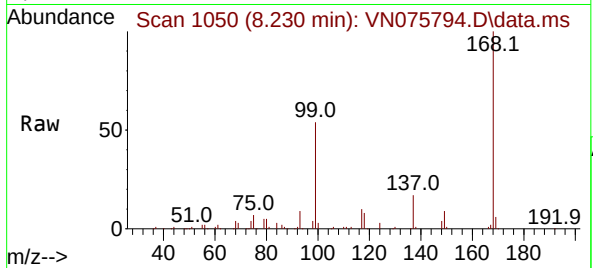




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075794.D
Acq: 15 Dec 2022 02:52

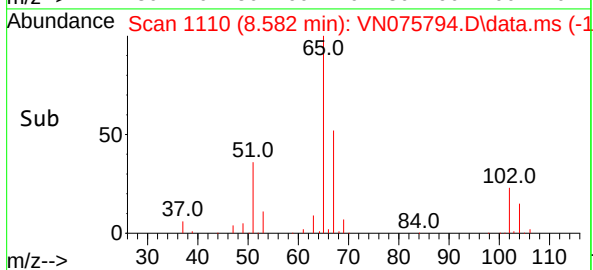
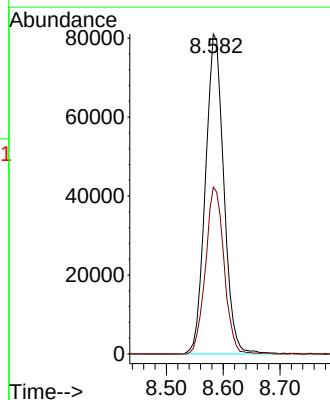
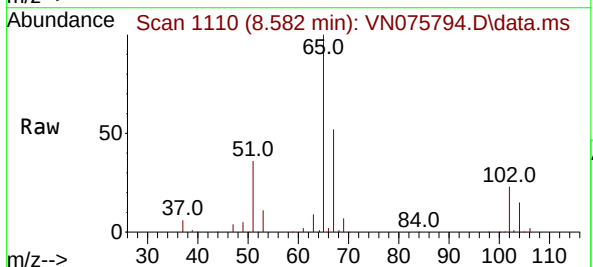
Instrument :
MSVOA_N
ClientSampleId :
MW-37

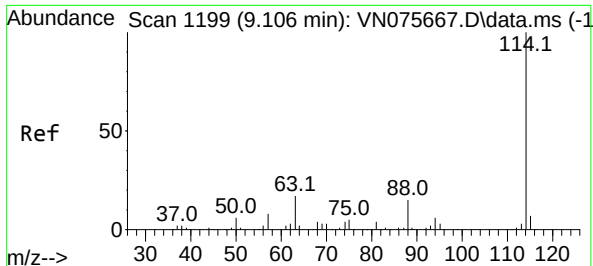
Tgt Ion:168 Resp: 346268
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.145 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075794.D
Acq: 15 Dec 2022 02:52

Tgt Ion: 65 Resp: 181367
Ion Ratio Lower Upper
65 100
67 52.6 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: VN075794.D

Acq: 15 Dec 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

MW-37

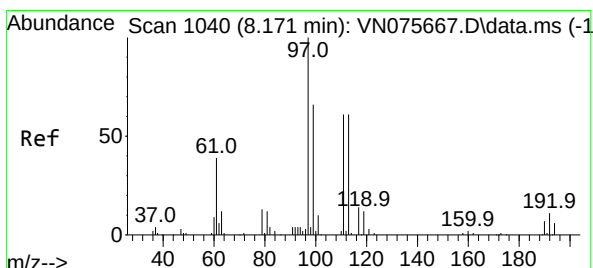
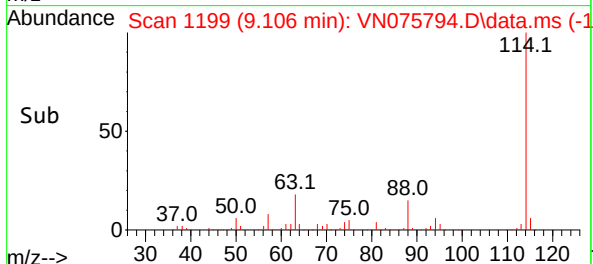
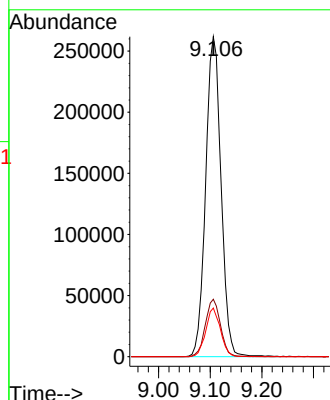
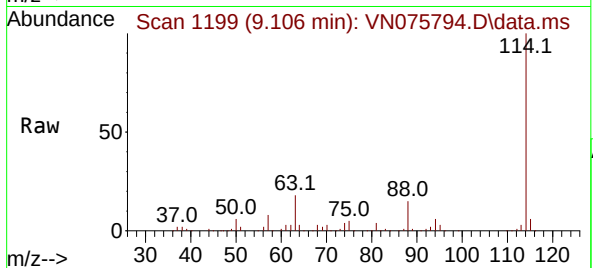
Tgt Ion:114 Resp: 540973

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.959 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075794.D

Acq: 15 Dec 2022 02:52

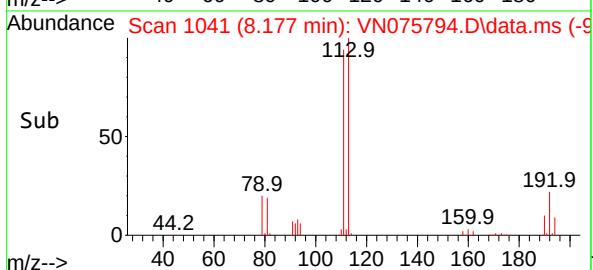
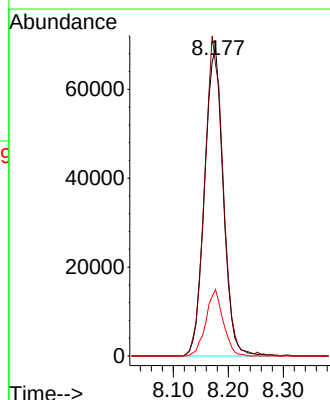
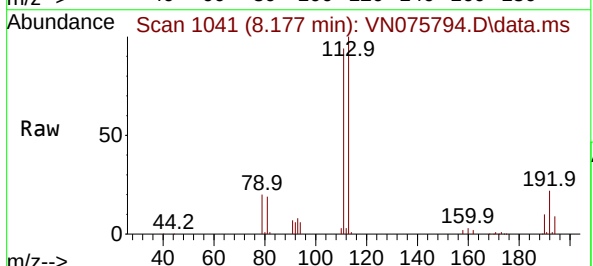
Tgt Ion:113 Resp: 164020

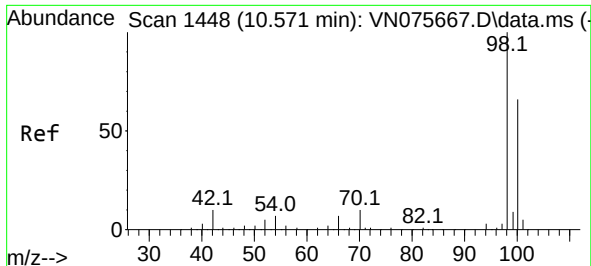
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.9 16.1 24.1

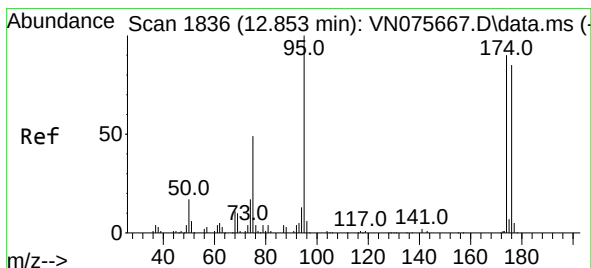
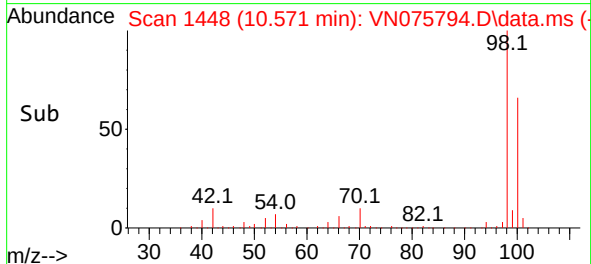
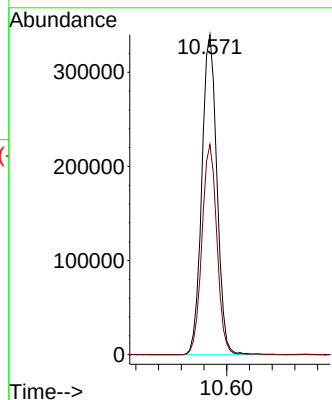
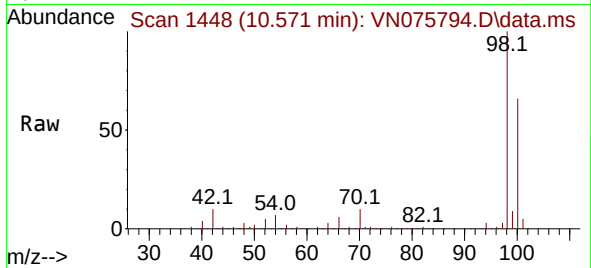




#50
Toluene-d8
Concen: 50.012 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075794.D
Acq: 15 Dec 2022 02:52

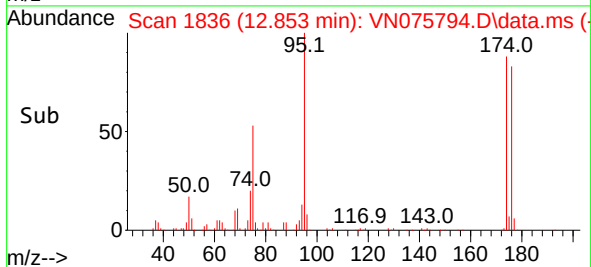
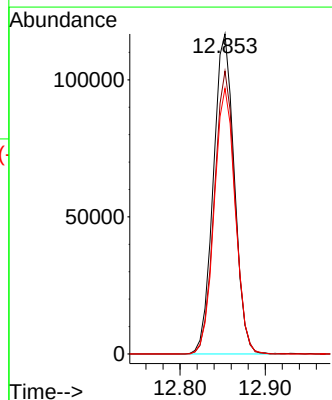
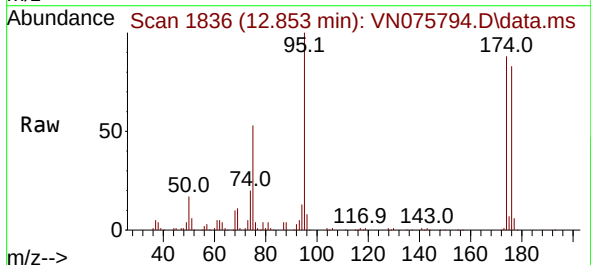
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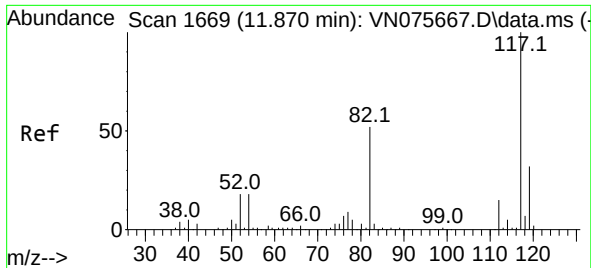
Tgt Ion: 98 Resp: 626449
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.036 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075794.D
Acq: 15 Dec 2022 02:52

Tgt Ion: 95 Resp: 199289
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 83.2 0.0 169.2

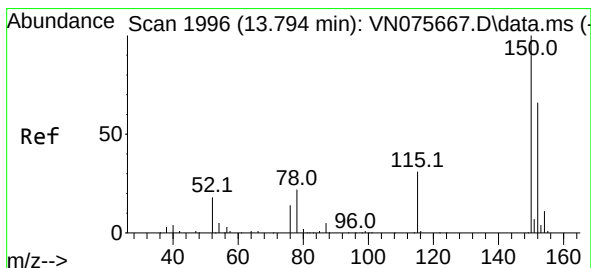
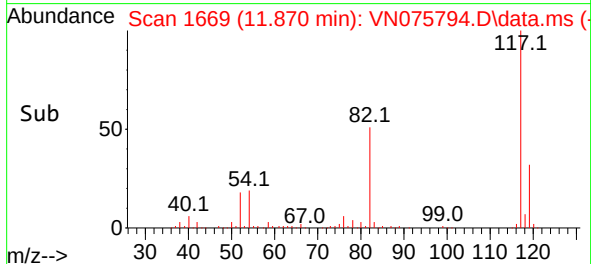
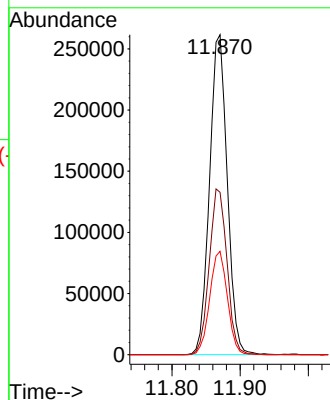
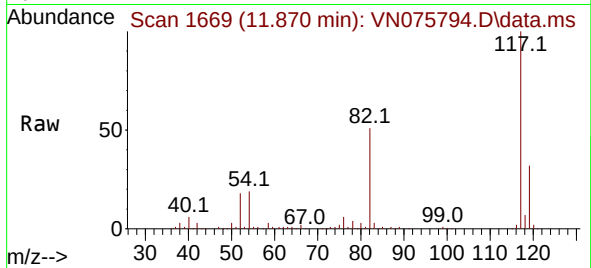




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075794.D
Acq: 15 Dec 2022 02:52

Instrument :
MSVOA_N
ClientSampleId :
MW-37

Tgt Ion:117 Resp: 473097
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.3 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: VN075794.D
Acq: 15 Dec 2022 02:52

Tgt Ion:152 Resp: 205560
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.4
150 156.6 0.0 347.0

