

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075700.D
 Acq On : 10 Dec 2022 09:09
 Operator : JC\MD
 Sample : N5989-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-33

Quant Time: Dec 12 04:58:13 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	196077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113882	54.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.480%
35) Dibromofluoromethane	8.177	113	100784	50.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	10.571	98	381378	50.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.000%
62) 4-Bromofluorobenzene	12.853	95	125382	48.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%

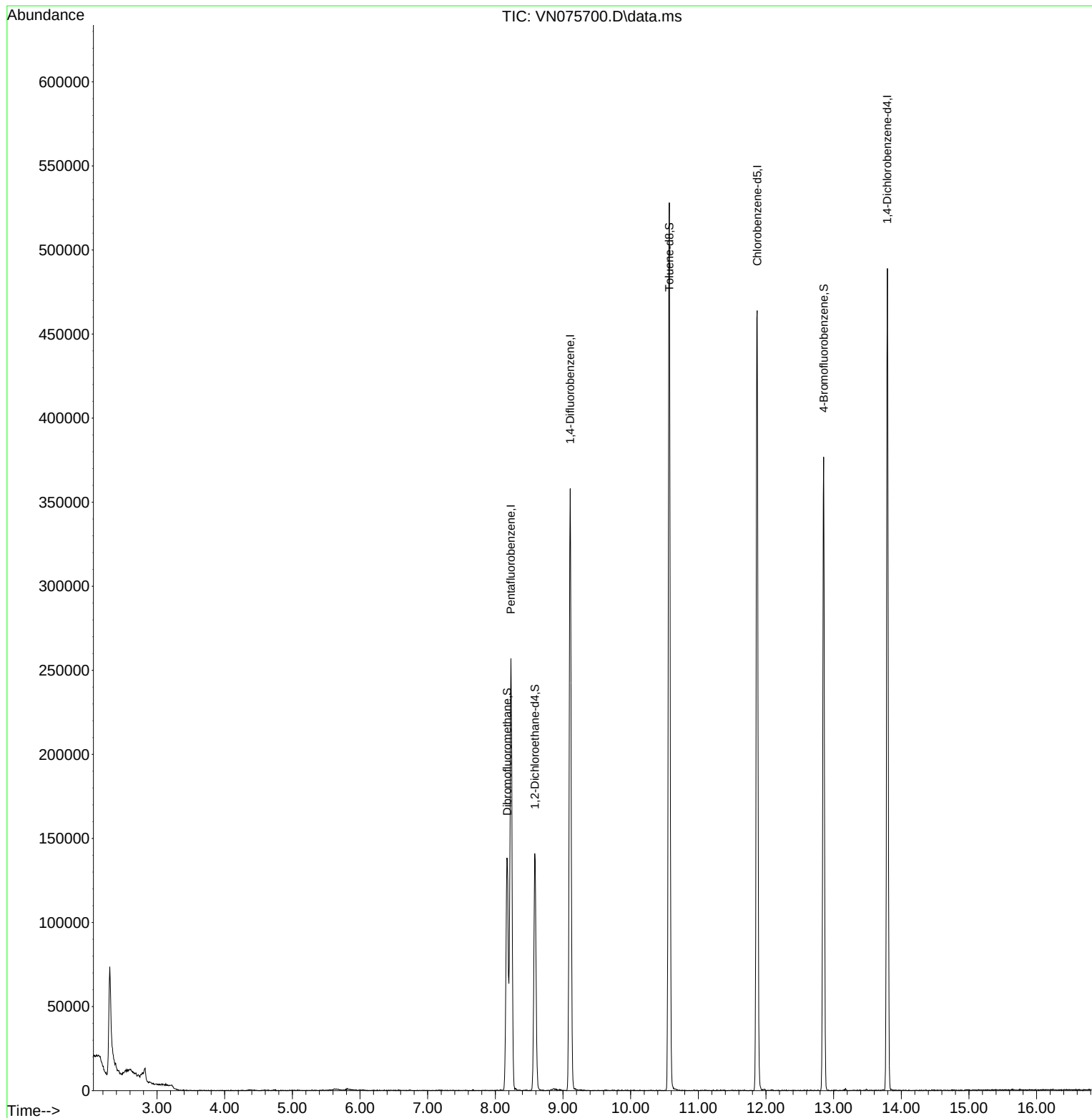
Target Compounds	Qvalue

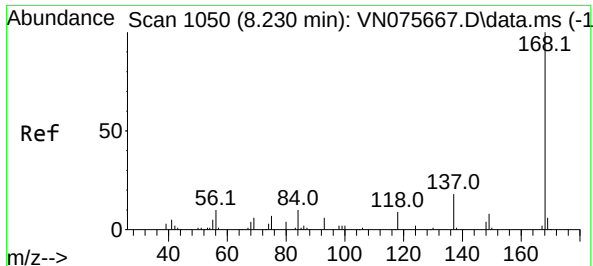
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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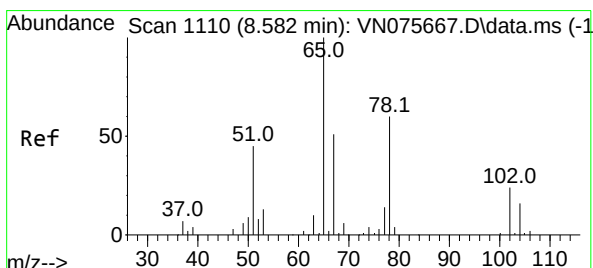
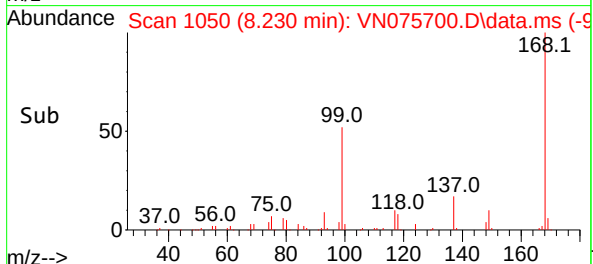
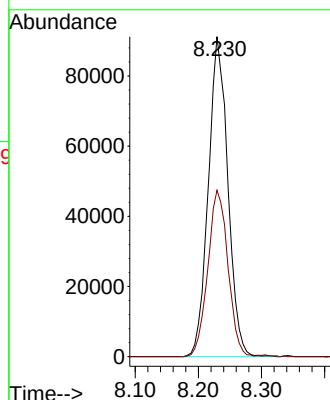
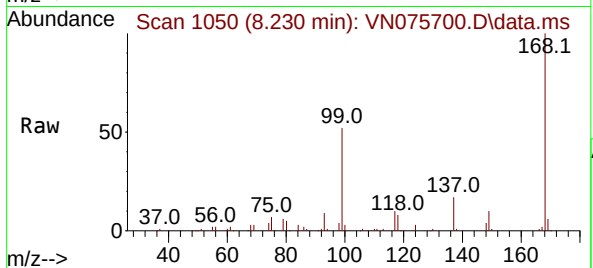




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075700.D
Acq: 10 Dec 2022 09:09

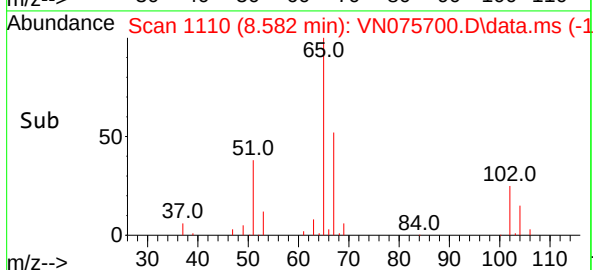
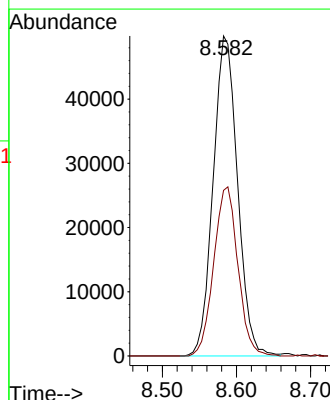
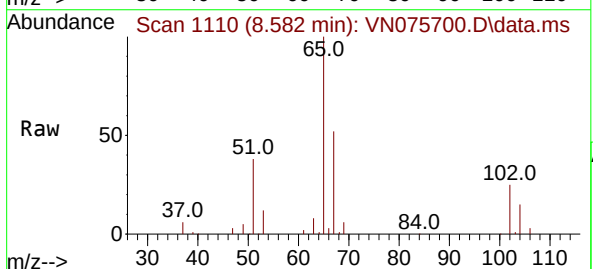
Instrument :
MSVOA_N
ClientSampleId :
MW-33

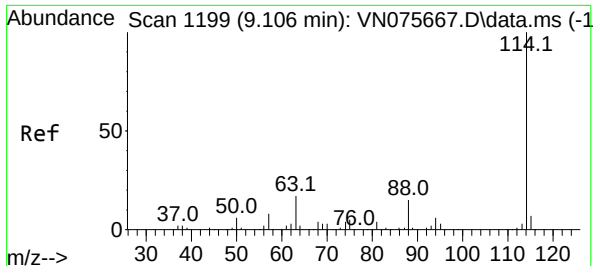
Tgt Ion:168 Resp: 196077
Ion Ratio Lower Upper
168 100
99 52.0 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 54.740 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075700.D
Acq: 10 Dec 2022 09:09

Tgt Ion: 65 Resp: 113882
Ion Ratio Lower Upper
65 100
67 52.4 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: VN075700.D

Acq: 10 Dec 2022 09:09

Instrument :

MSVOA_N

ClientSampleId :

MW-33

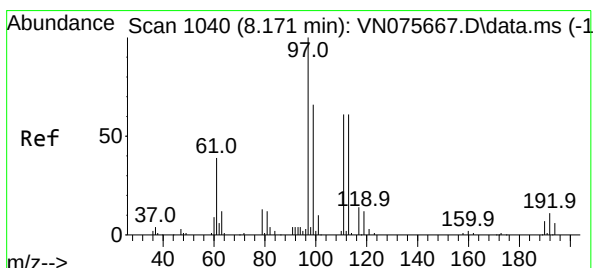
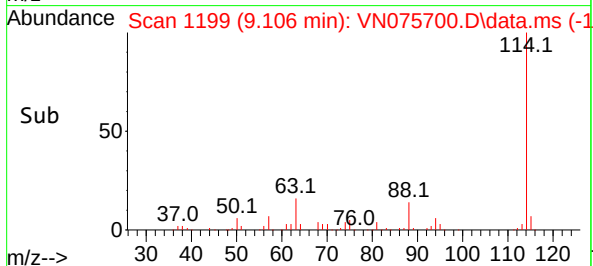
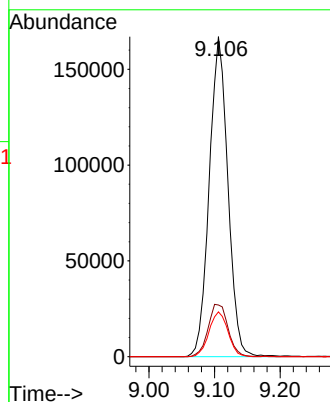
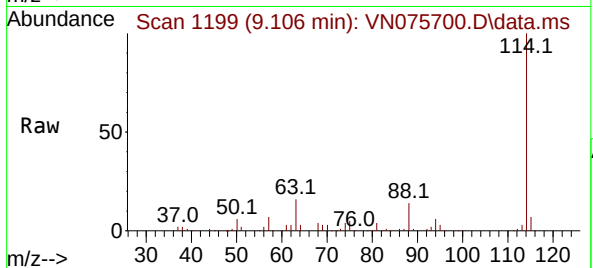
Tgt Ion:114 Resp: 329607

Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.4

88 14.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.117 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075700.D

Acq: 10 Dec 2022 09:09

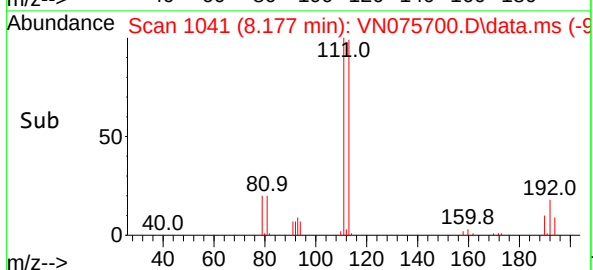
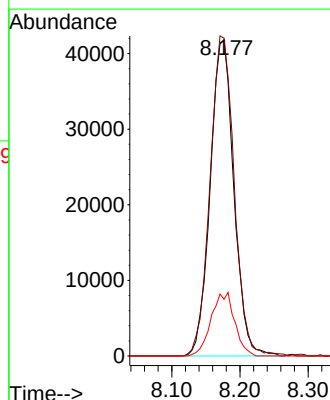
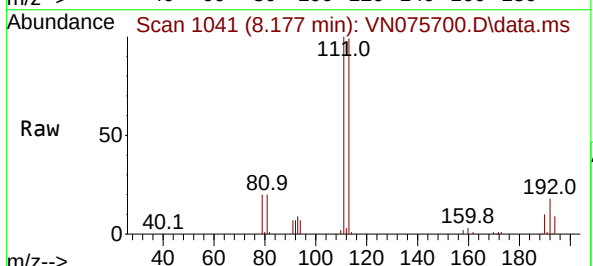
Tgt Ion:113 Resp: 100784

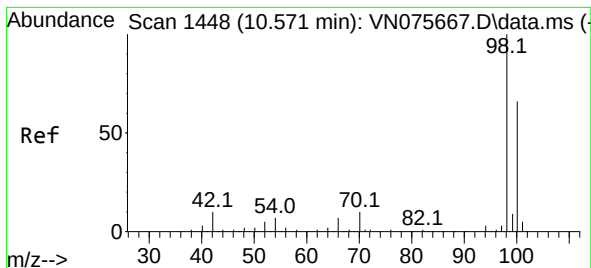
Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.6

192 20.0 16.2 24.2





#50

Toluene-d8

Concen: 50.499 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075700.D

Acq: 10 Dec 2022 09:09

Instrument :

MSVOA_N

ClientSampleId :

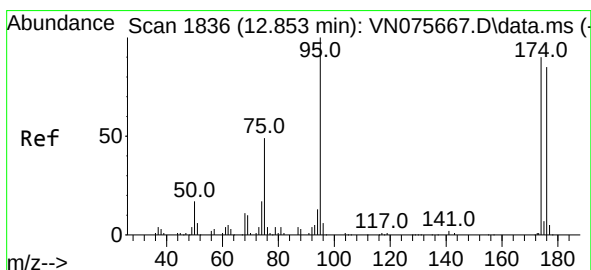
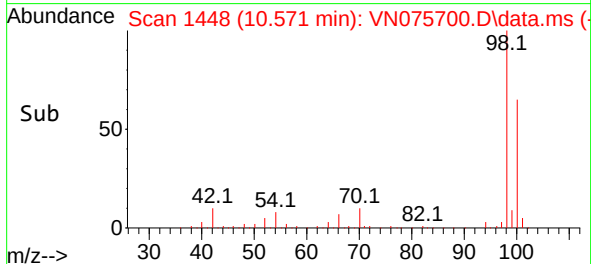
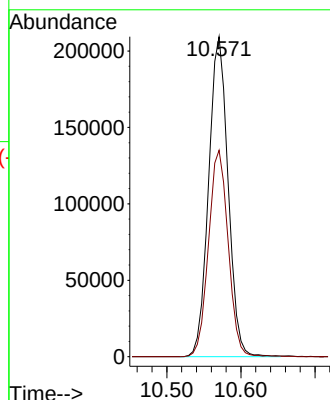
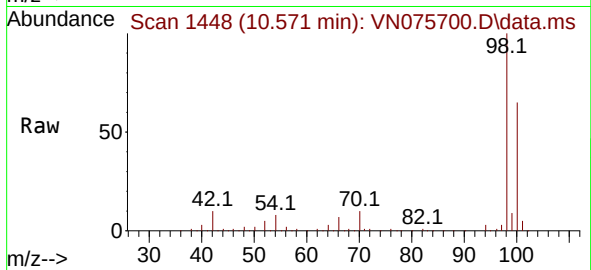
MW-33

Tgt Ion: 98 Resp: 381378

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.558 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075700.D

Acq: 10 Dec 2022 09:09

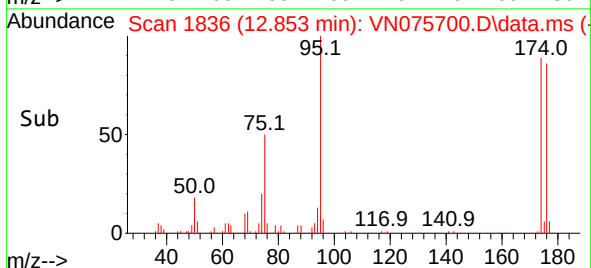
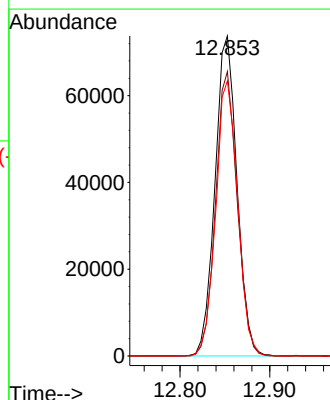
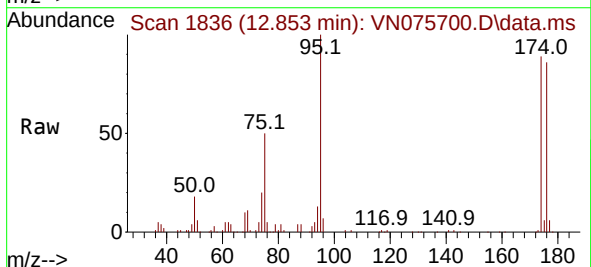
Tgt Ion: 95 Resp: 125382

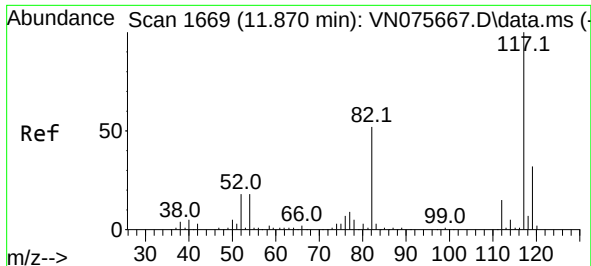
Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.6

176 85.7 0.0 170.8

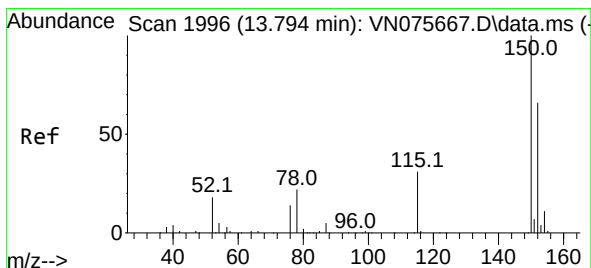
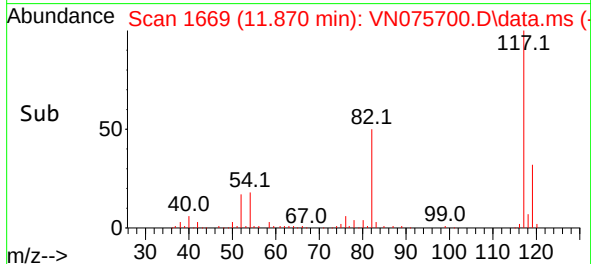
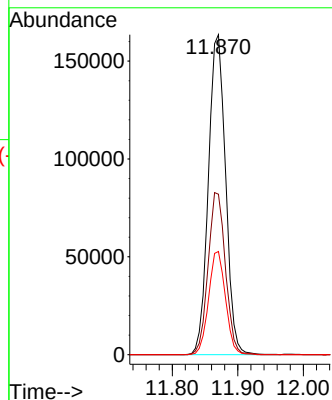
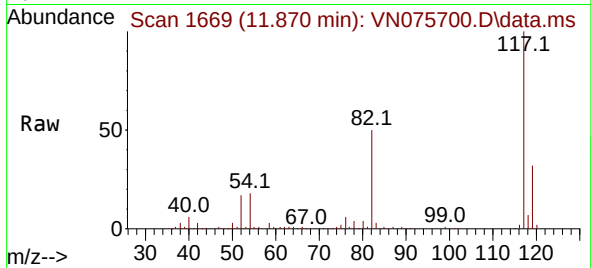




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075700.D
Acq: 10 Dec 2022 09:09

Instrument :
MSVOA_N
ClientSampleId :
MW-33

Tgt Ion:117 Resp: 298229
Ion Ratio Lower Upper
117 100
82 50.1 41.8 62.8
119 32.2 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: VN075700.D
Acq: 10 Dec 2022 09:09

Tgt Ion:152 Resp: 140463
Ion Ratio Lower Upper
152 100
115 56.2 28.4 85.2
150 155.3 0.0 347.6

