

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075796.D
 Acq On : 15 Dec 2022 03:40
 Operator : JC\MD
 Sample : N5990-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39

Quant Time: Dec 15 07:44:26 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	8.229	168	339682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198483	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	175649	47.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.060%
35) Dibromofluoromethane	8.177	113	160954	48.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	611333	49.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.853	95	194400	47.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%

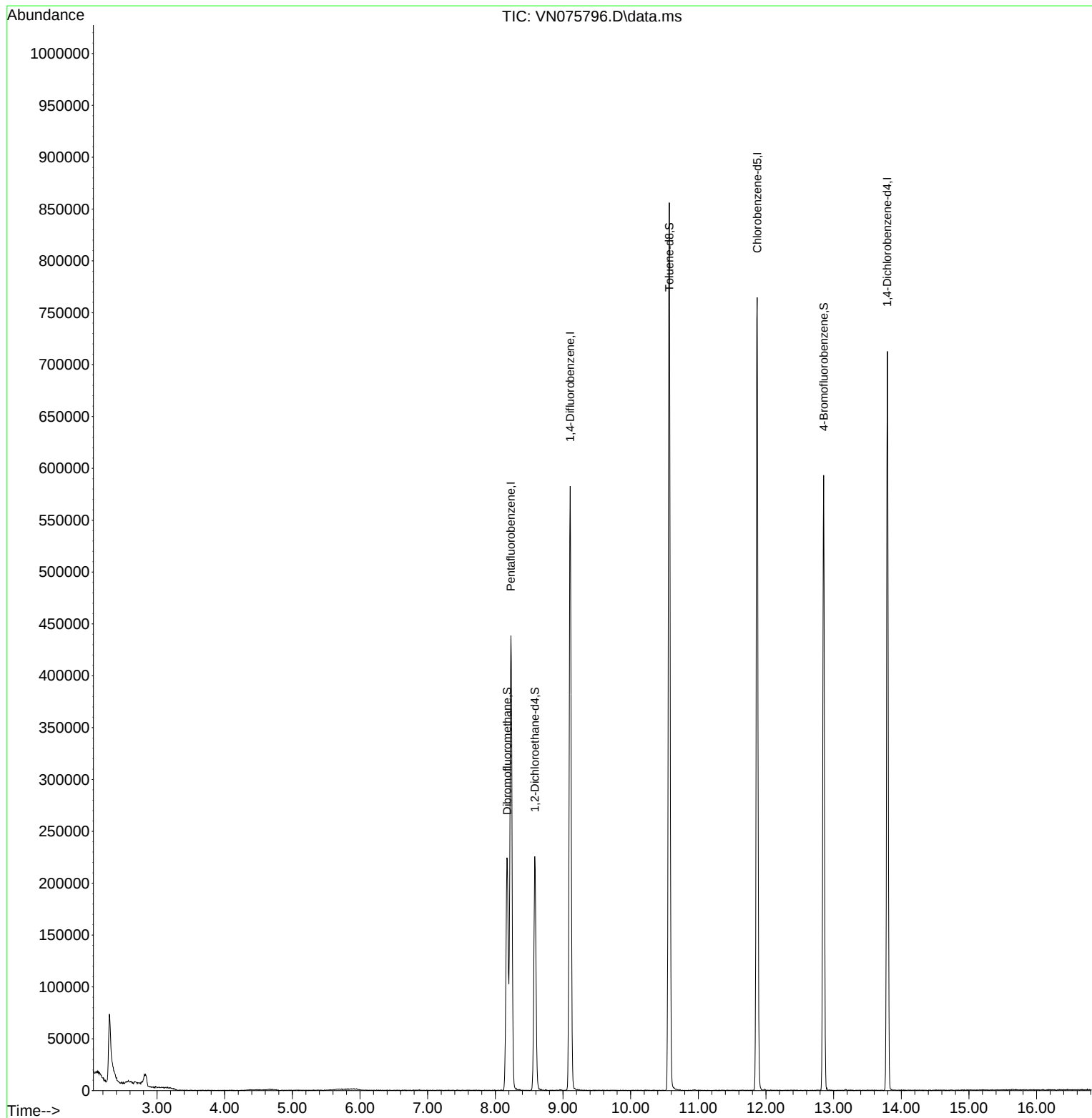
Target Compounds	Qvalue

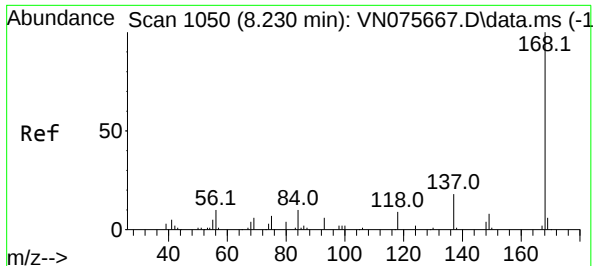
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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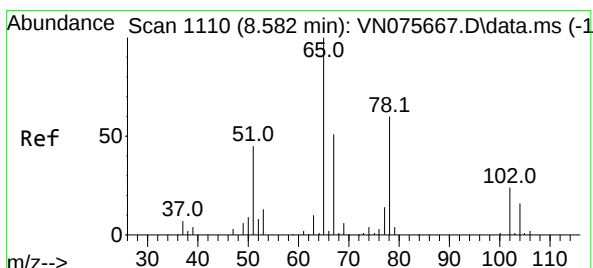
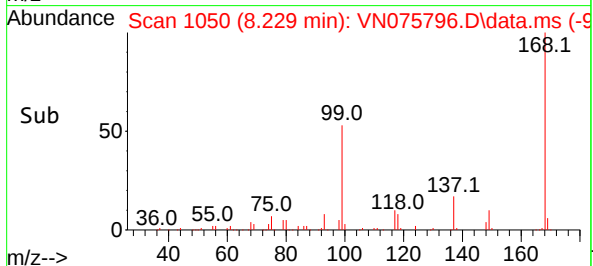
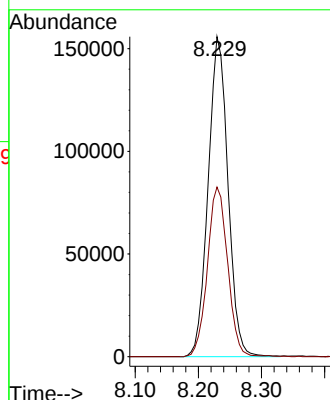
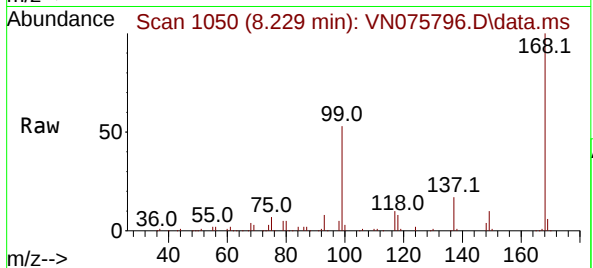




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

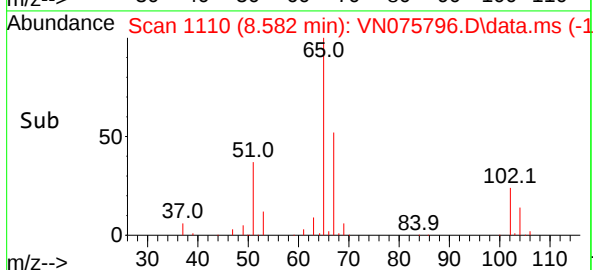
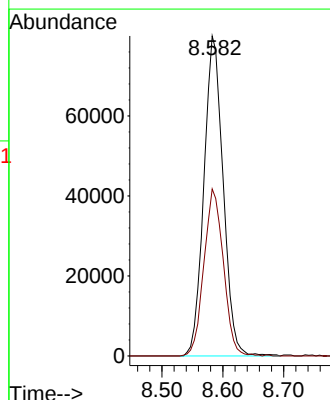
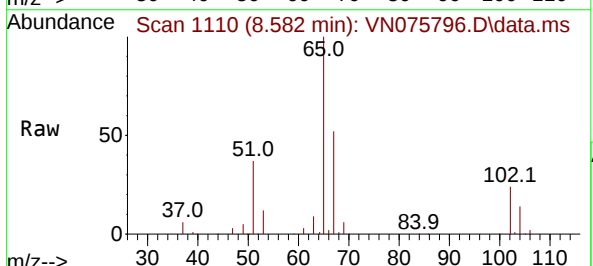
Instrument :
MSVOA_N
ClientSampleId :
MW-39

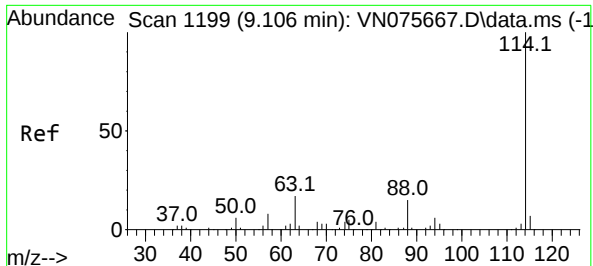
Tgt Ion:168 Resp: 339682
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.532 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion: 65 Resp: 175649
Ion Ratio Lower Upper
65 100
67 52.7 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: VN075796.D

Acq: 15 Dec 2022 03:40

Instrument :

MSVOA_N

ClientSampleId :

MW-39

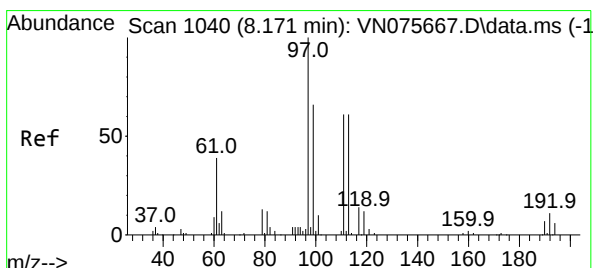
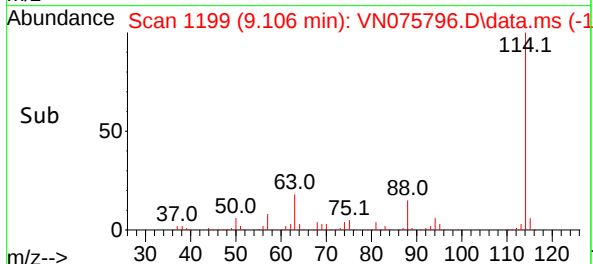
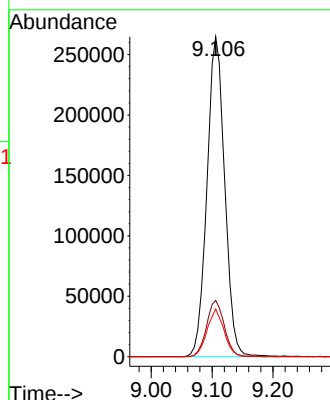
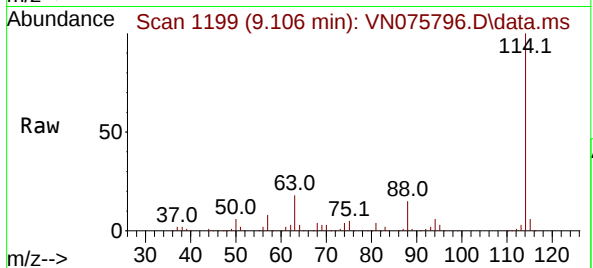
Tgt Ion:114 Resp: 536236

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.468 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075796.D

Acq: 15 Dec 2022 03:40

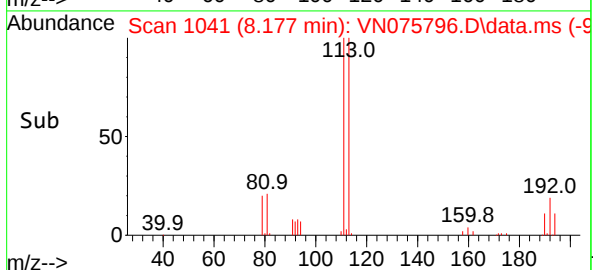
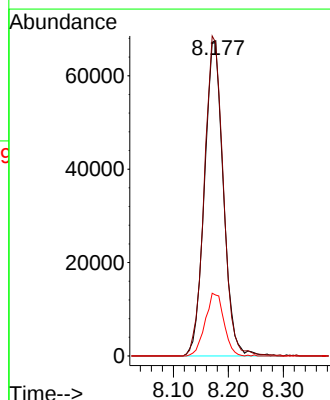
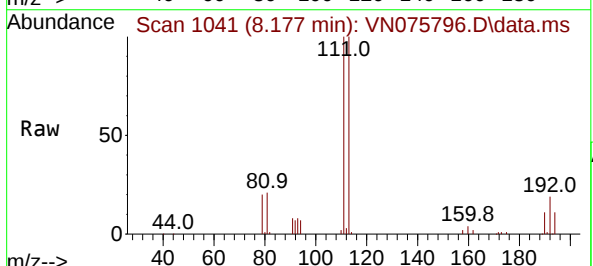
Tgt Ion:113 Resp: 160954

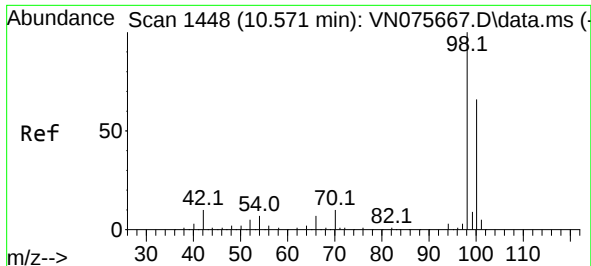
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 19.7 16.1 24.1

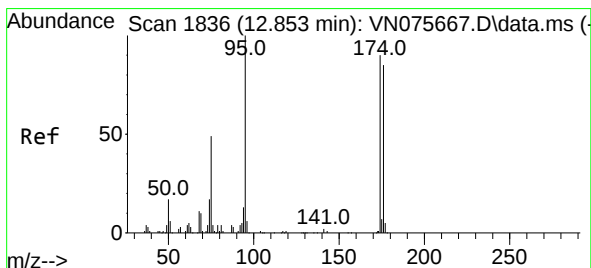
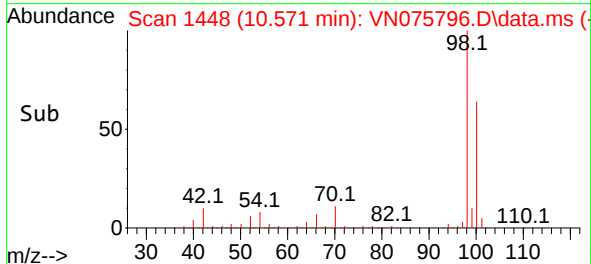
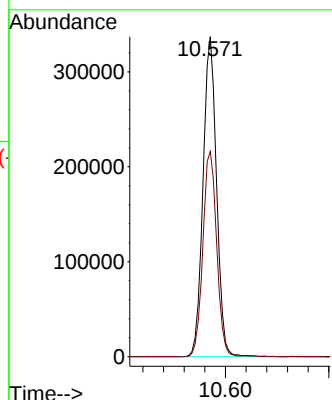
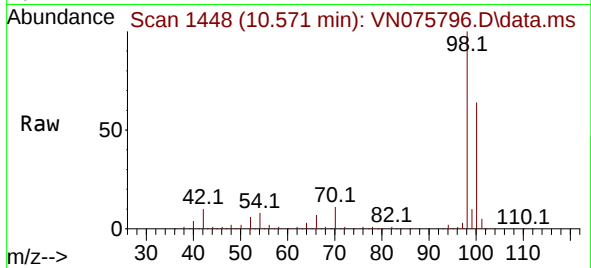




#50
Toluene-d8
Concen: 49.237 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

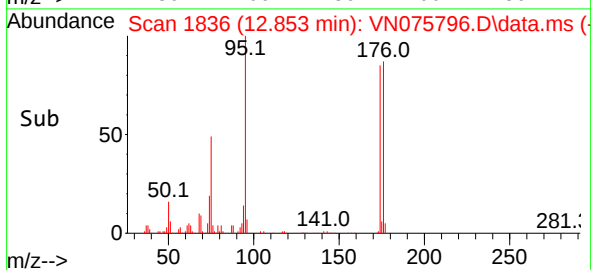
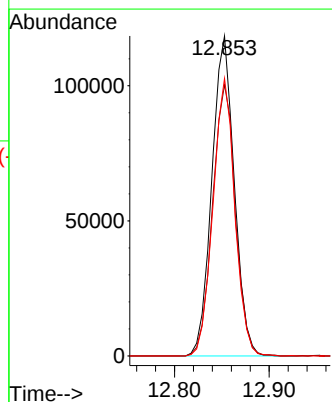
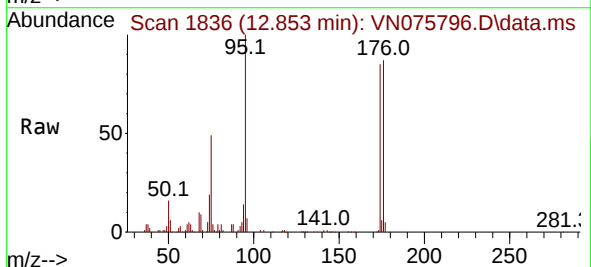
Instrument :
MSVOA_N
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MW-39

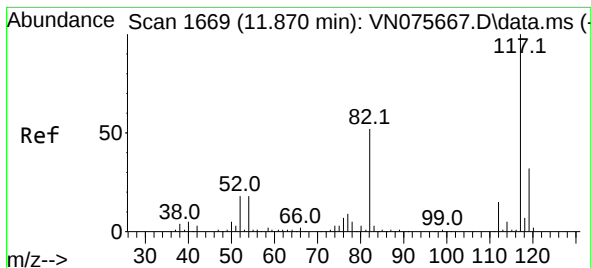
Tgt Ion: 98 Resp: 611333
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.272 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion: 95 Resp: 194400
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 84.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075796.D

Acq: 15 Dec 2022 03:40

Instrument :

MSVOA_N

ClientSampleId :

MW-39

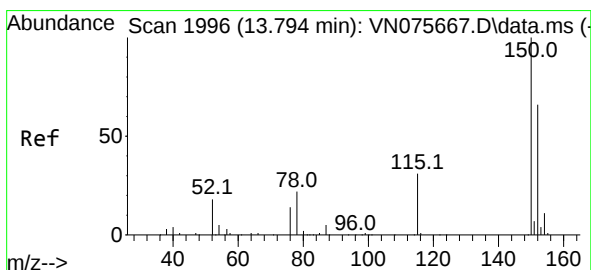
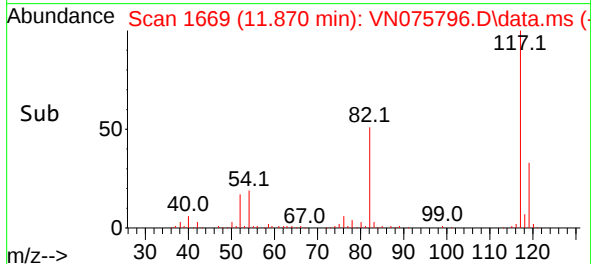
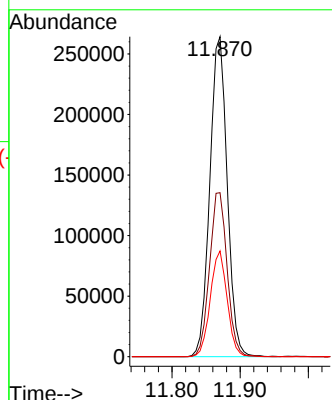
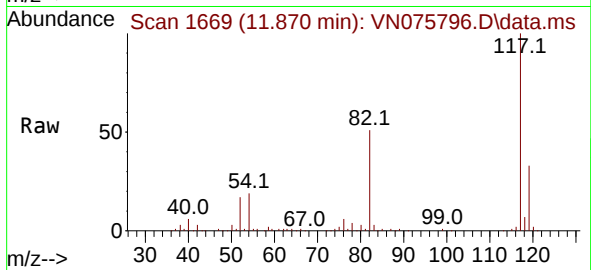
Tgt Ion:117 Resp: 469060

Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

119 33.1 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: VN075796.D

Acq: 15 Dec 2022 03:40

Tgt Ion:152 Resp: 198483

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.4

150 159.8 0.0 347.0

