

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080393.D
 Acq On : 06 Dec 2023 17:57
 Operator : JC\MD
 Sample : 05631-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A

Quant Time: Dec 07 01:04:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

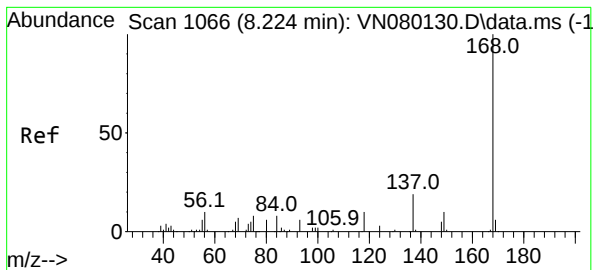
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	168166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	324612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150423	54.174	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.340%
35) Dibromofluoromethane	8.165	113	118324	51.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.880%
50) Toluene-d8	10.571	98	411560	50.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.853	95	162330	52.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.660%

Target Compounds	Qvalue

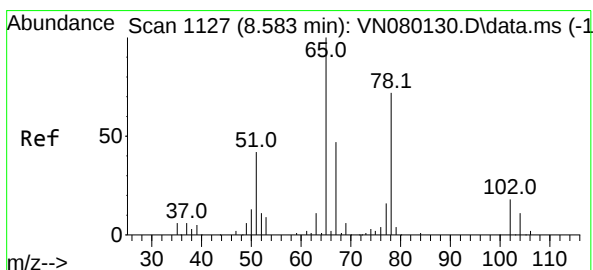
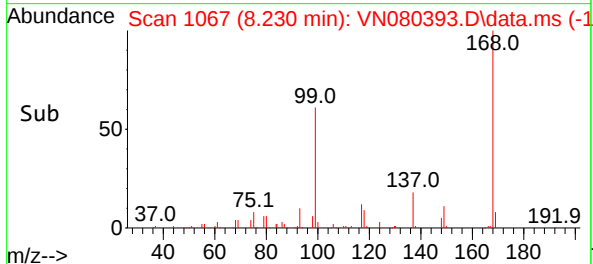
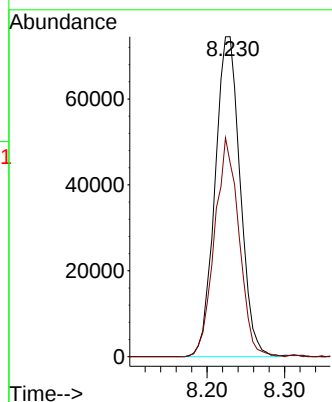
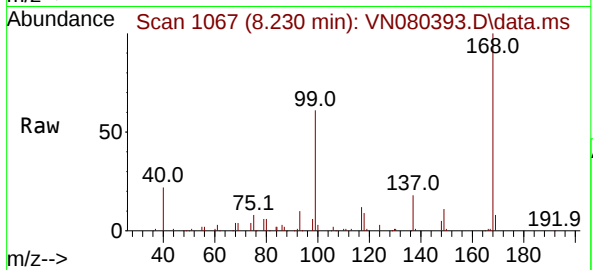
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN080393.D
Acq: 06 Dec 2023 17:57

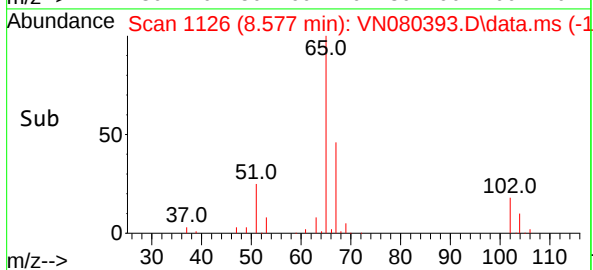
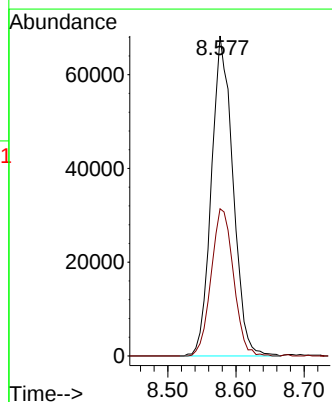
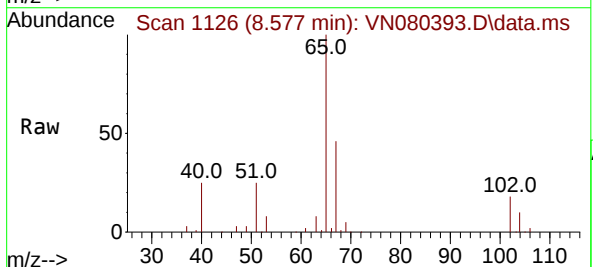
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

Tgt Ion:168 Resp: 168166
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.174 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080393.D
Acq: 06 Dec 2023 17:57

Tgt Ion: 65 Resp: 150423
Ion Ratio Lower Upper
65 100
67 47.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080393.D

Acq: 06 Dec 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW-2A

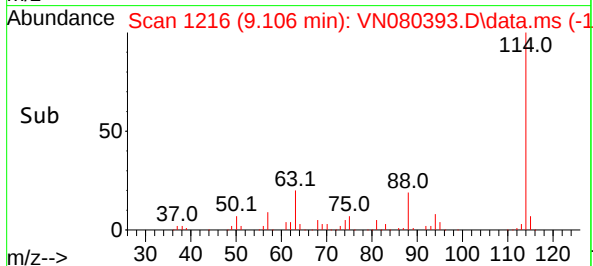
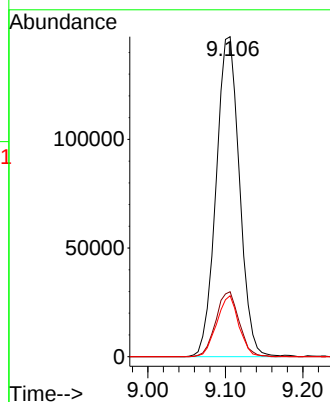
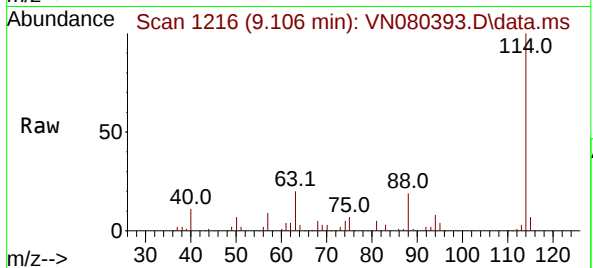
Tgt Ion:114 Resp: 308739

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 19.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.940 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080393.D

Acq: 06 Dec 2023 17:57

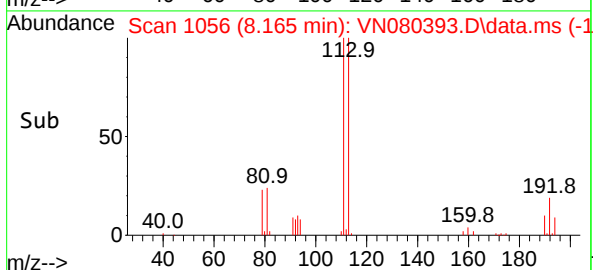
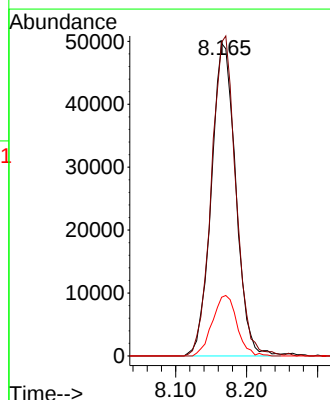
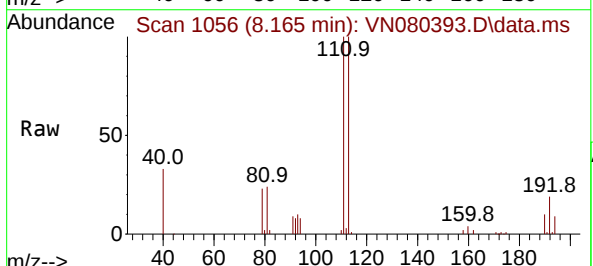
Tgt Ion:113 Resp: 118324

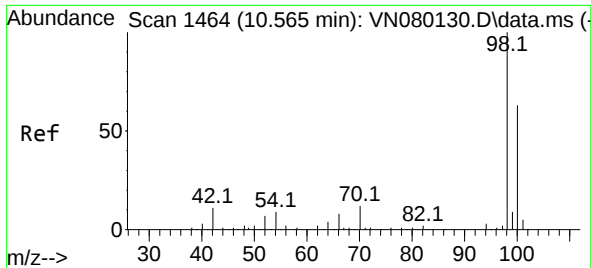
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 19.5 12.7 19.1#

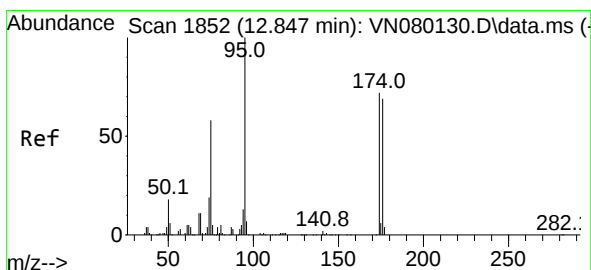
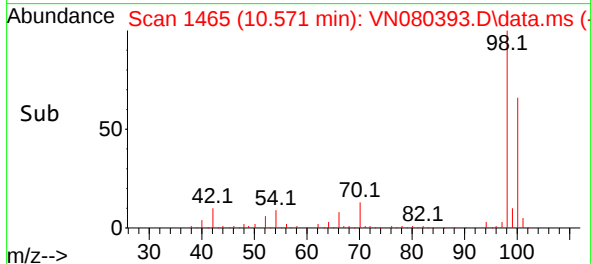
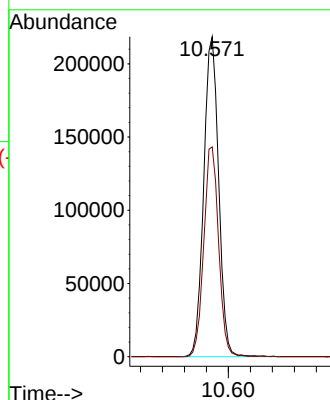
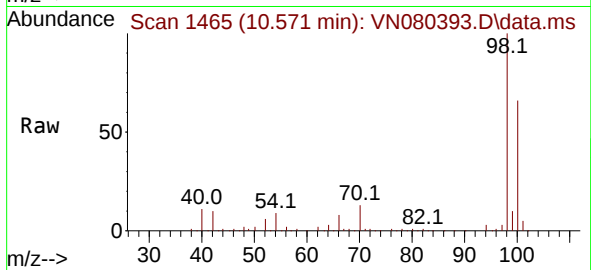




#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080393.D
Acq: 06 Dec 2023 17:57

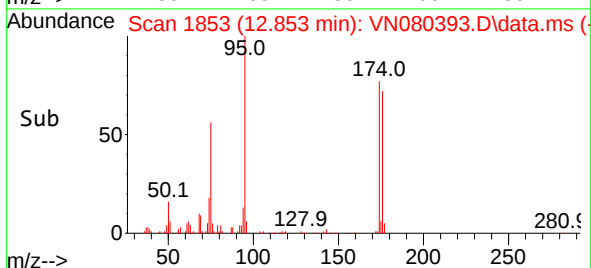
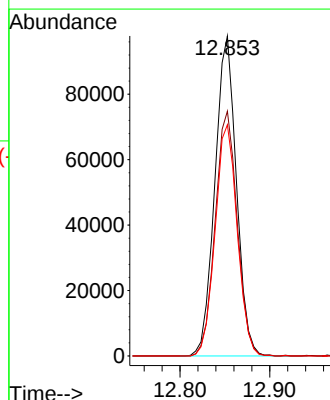
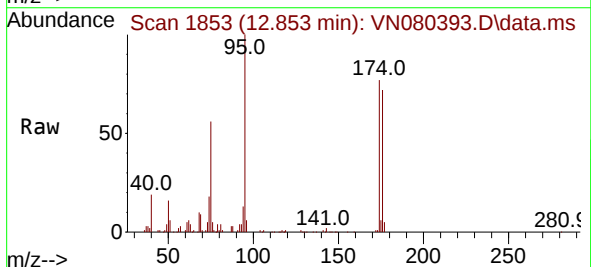
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

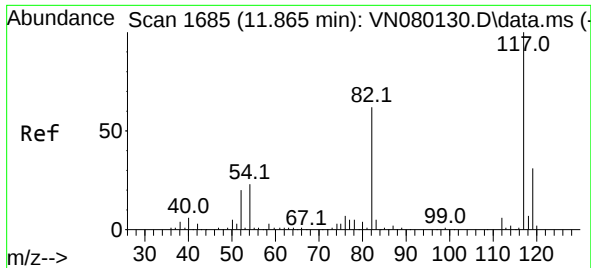
Tgt Ion: 98 Resp: 411560
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080393.D
Acq: 06 Dec 2023 17:57

Tgt Ion: 95 Resp: 162330
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 74.2 0.0 135.8

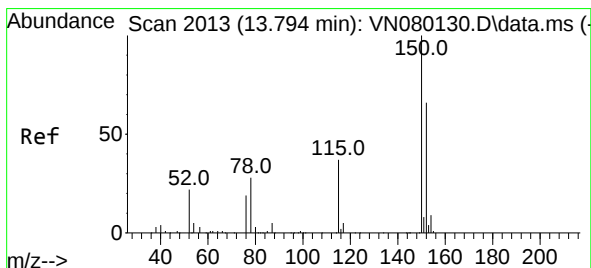
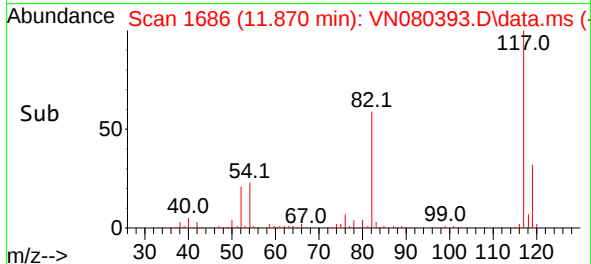
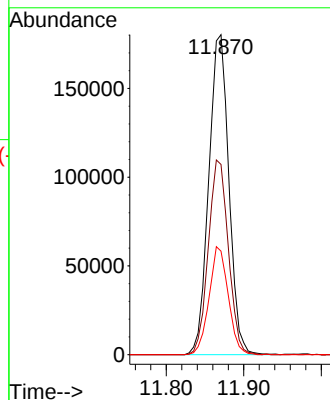
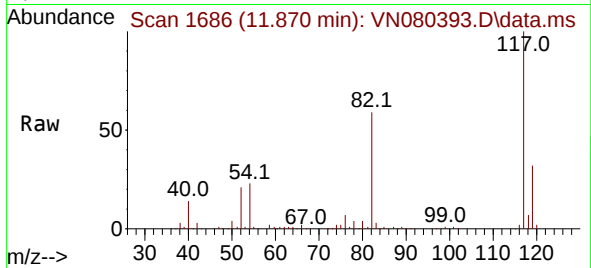




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080393.D
Acq: 06 Dec 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
MW-2A

Tgt Ion:117 Resp: 324612
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080393.D
Acq: 06 Dec 2023 17:57

Tgt Ion:152 Resp: 145346
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 157.5 0.0 355.8

