

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080677.D
 Acq On : 11 Jan 2024 15:40
 Operator : JC\MD
 Sample : P1103-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240110057-03-TRIP-BLANK

Quant Time: Jan 12 05:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	15107	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128555	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	139479	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	67278	27.578	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.933%
60) 4-Bromofluorobenzene	12.853	95	83211	26.969	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.900%
63) Toluene-d8	10.565	98	184788	30.187	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.633%

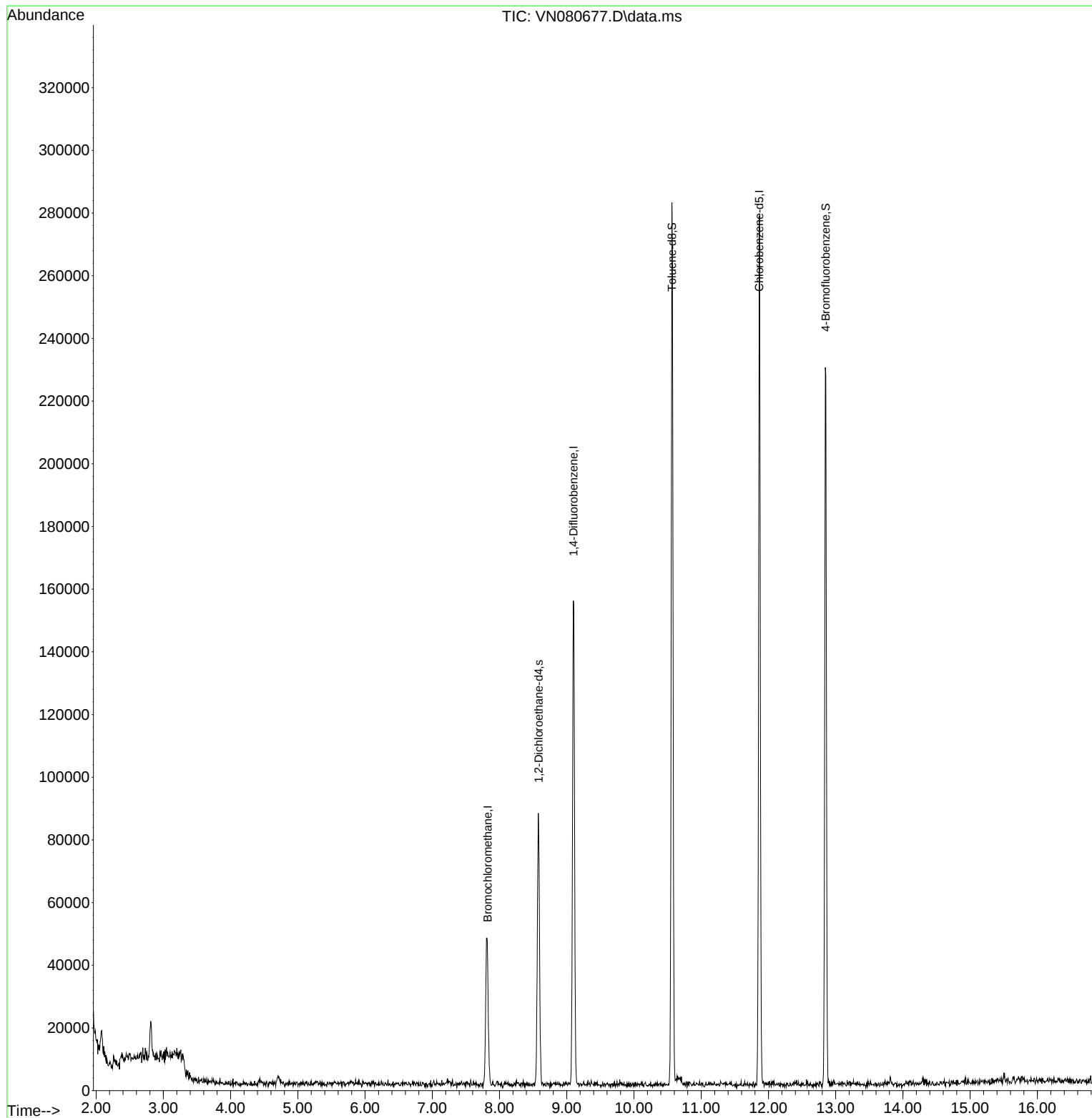
Target Compounds	Qvalue

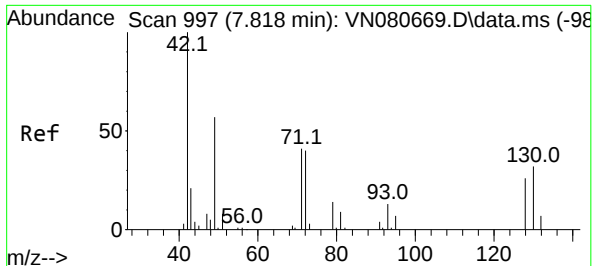
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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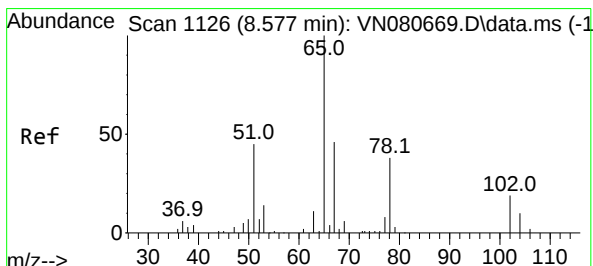
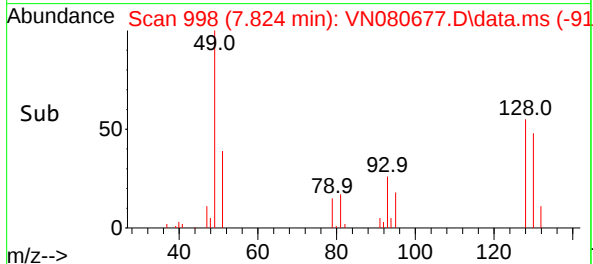
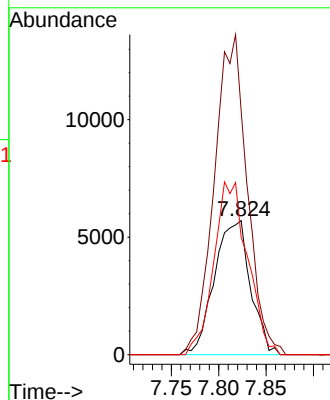
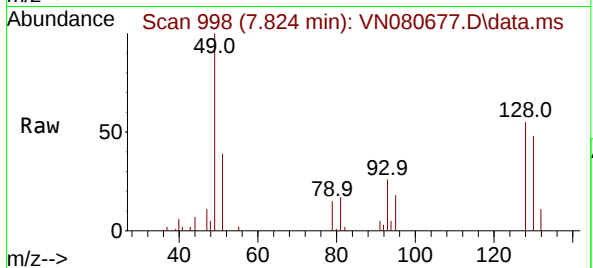




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

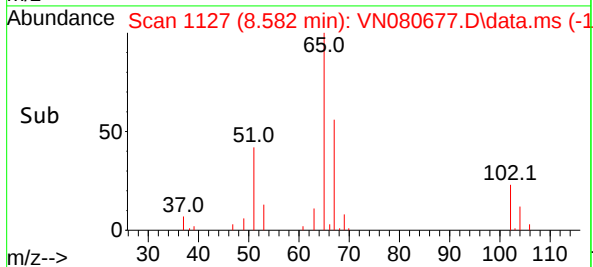
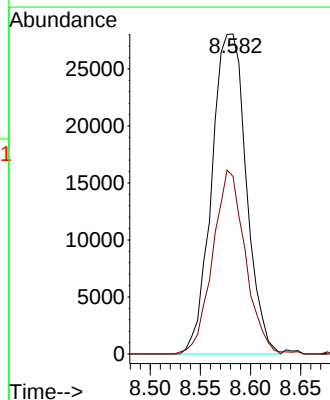
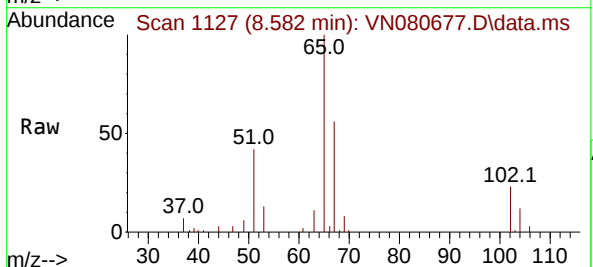
Instrument :
MSVOA_N
ClientSampleId :
240110057-03-TRIP-BLANK

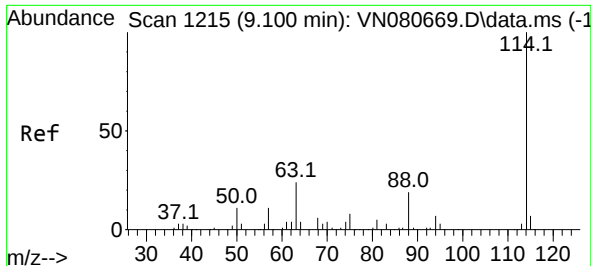
Tgt Ion:128 Resp: 15107
Ion Ratio Lower Upper
128 100
49 217.2 0.0 403.7
130 121.2 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 27.578 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Tgt Ion: 65 Resp: 67278
Ion Ratio Lower Upper
65 100
67 54.2 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080677.D

Acq: 11 Jan 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

240110057-03-TRIP-BLANK

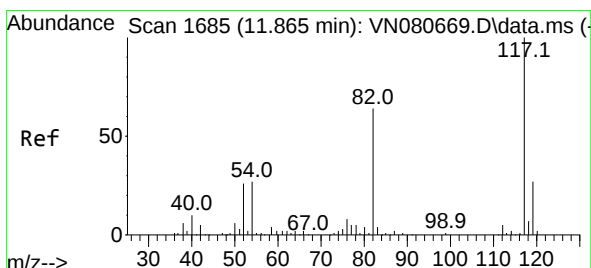
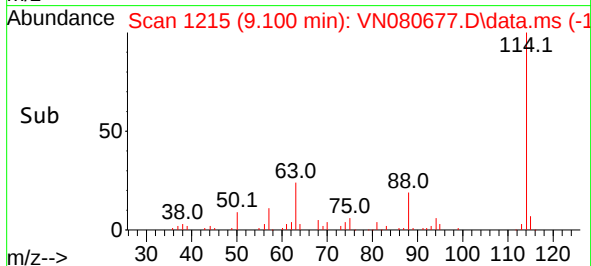
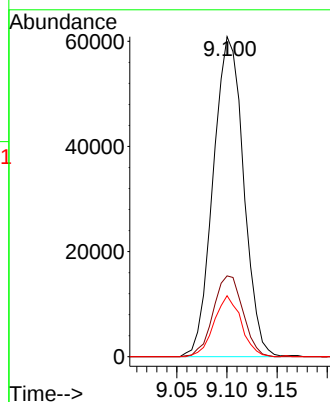
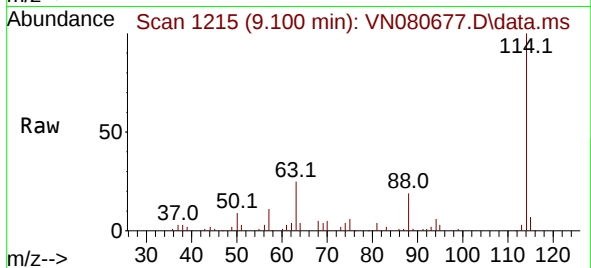
Tgt Ion:114 Resp: 128555

Ion Ratio Lower Upper

114 100

63 24.7 15.9 23.9#

88 17.0 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN080677.D

Acq: 11 Jan 2024 15:40

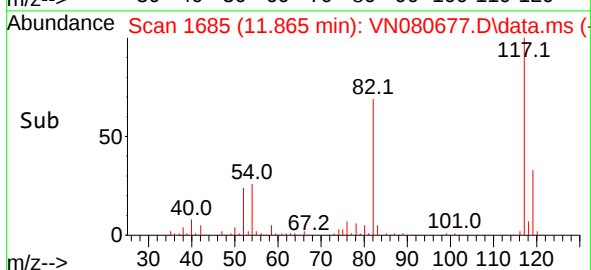
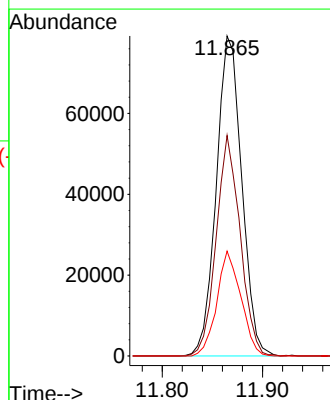
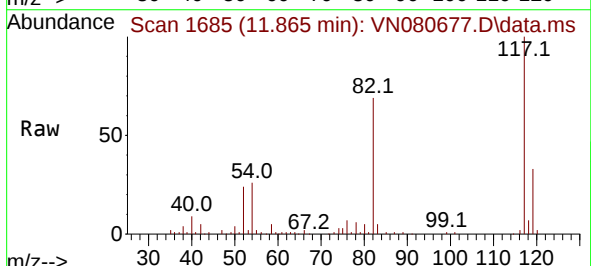
Tgt Ion:117 Resp: 139479

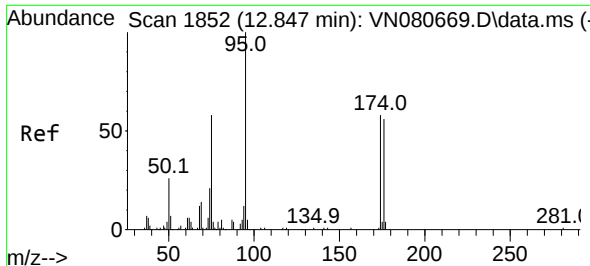
Ion Ratio Lower Upper

117 100

82 64.8 46.6 69.8

119 30.9 25.4 38.2

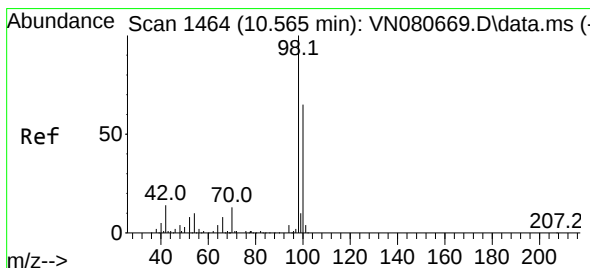
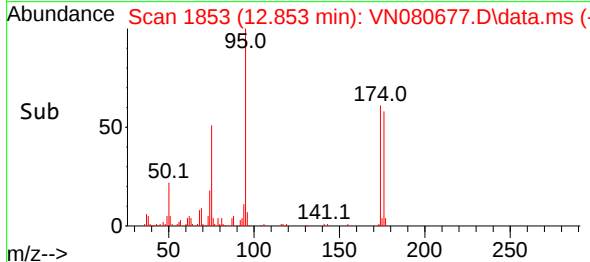
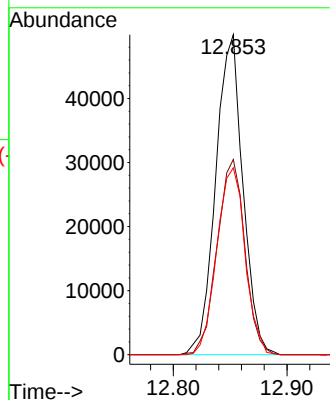
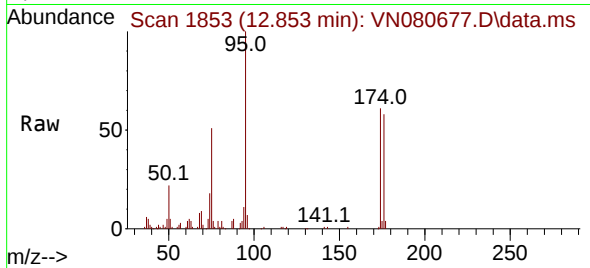




#60
4-Bromofluorobenzene
Concen: 26.969 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Instrument :
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Tgt Ion: 95 Resp: 83211
Ion Ratio Lower Upper
95 100
174 62.2 60.5 90.7
176 60.7 57.8 86.6



#63
Toluene-d8
Concen: 30.187 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080677.D
Acq: 11 Jan 2024 15:40

Tgt Ion: 98 Resp: 184788
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

