

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081703.D
 Acq On : 11 Apr 2024 17:49
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 12 06:04:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	21568	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152963	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	189779	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	89043	33.606	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.033%#
60) 4-Bromofluorobenzene	12.847	95	94452	25.315	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.367%
63) Toluene-d8	10.571	98	213174	28.003	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.333%

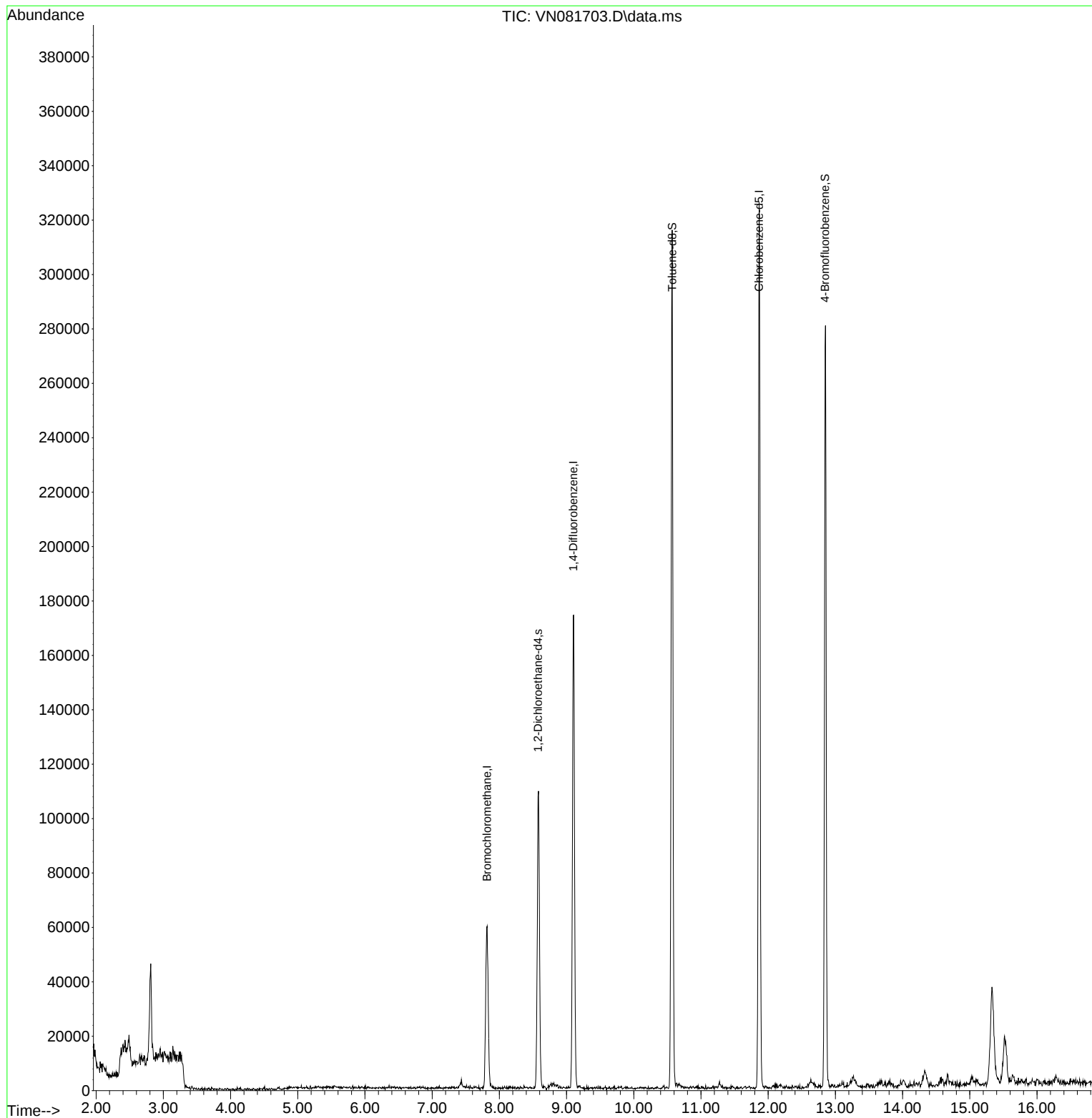
Target Compounds	Qvalue

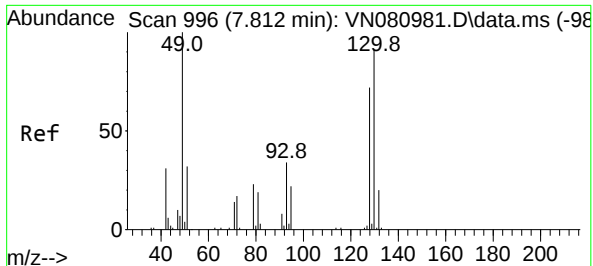
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 12 06:04:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
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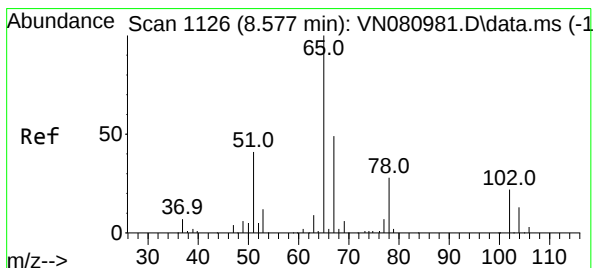
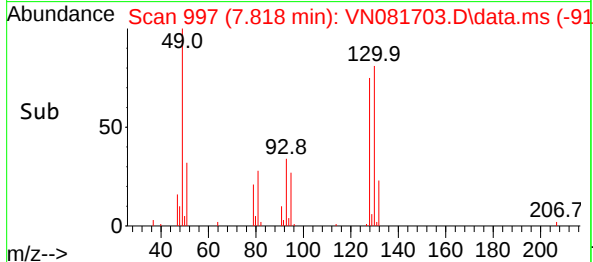
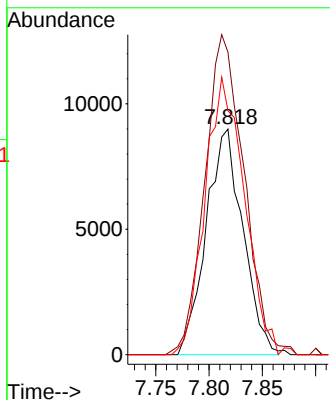
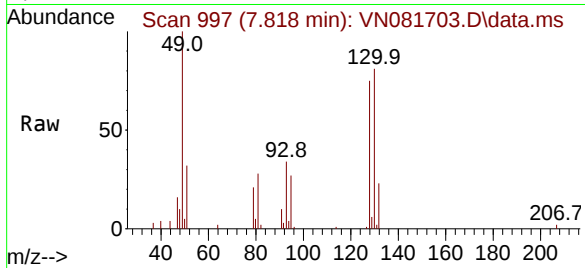




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081703.D
Acq: 11 Apr 2024 17:49

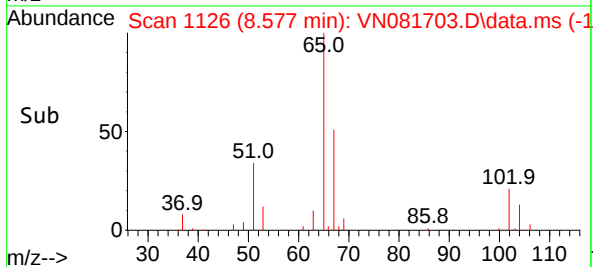
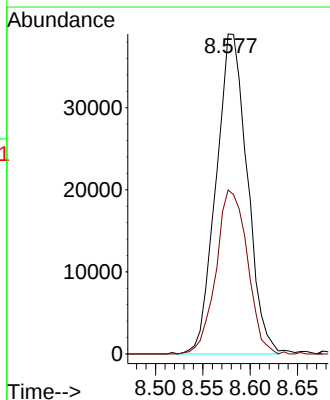
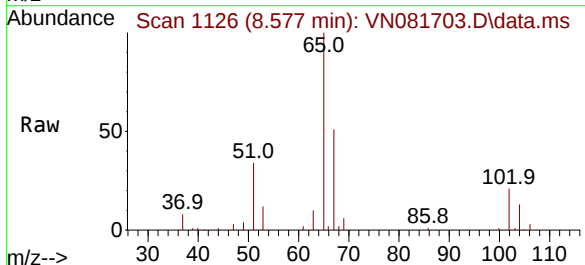
Instrument :
MSVOA_N
ClientSampleId :
IBLK

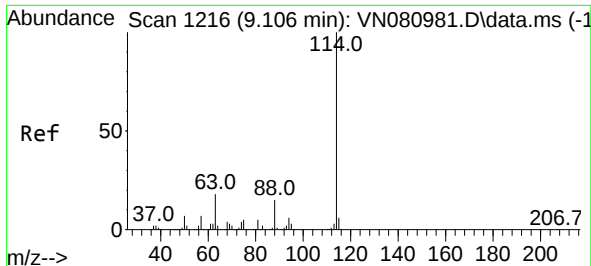
Tgt Ion:128 Resp: 21568
Ion Ratio Lower Upper
128 100
49 151.1 0.0 403.7
130 131.9 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 33.606 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081703.D
Acq: 11 Apr 2024 17:49

Tgt Ion: 65 Resp: 89043
Ion Ratio Lower Upper
65 100
67 51.5 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: VN081703.D

Acq: 11 Apr 2024 17:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

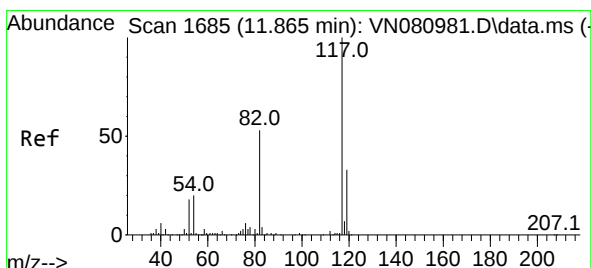
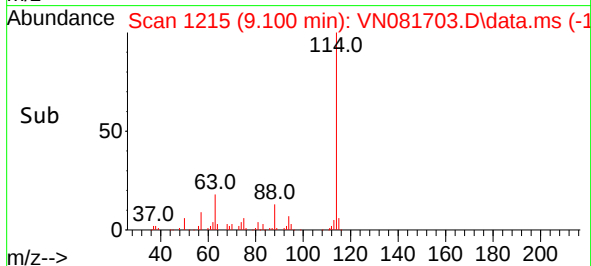
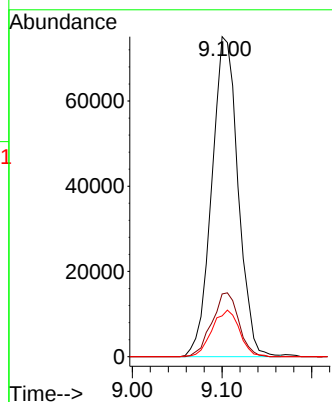
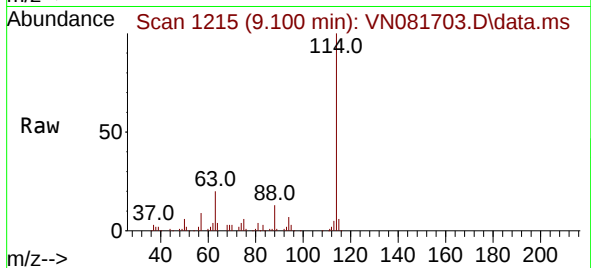
Tgt Ion:114 Resp: 152963

Ion Ratio Lower Upper

114 100

63 20.3 15.9 23.9

88 15.2 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: VN081703.D

Acq: 11 Apr 2024 17:49

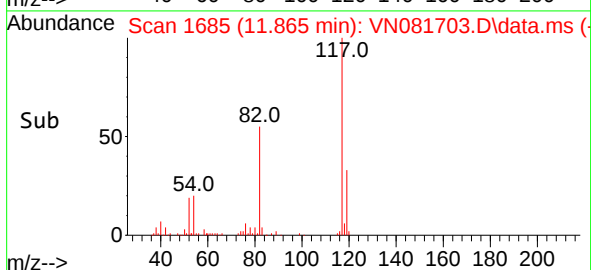
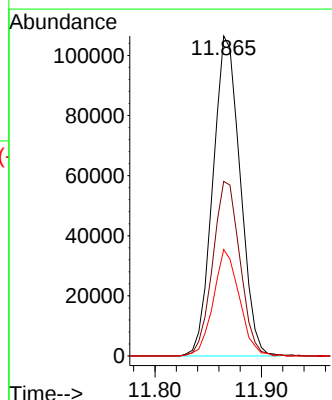
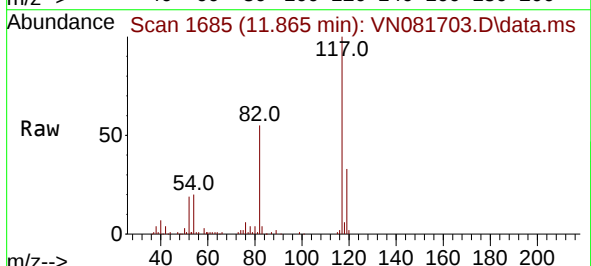
Tgt Ion:117 Resp: 189779

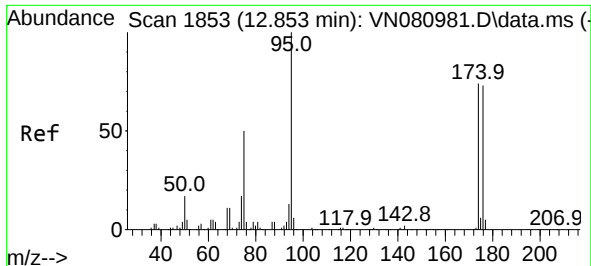
Ion Ratio Lower Upper

117 100

82 54.5 46.6 69.8

119 31.7 25.4 38.2

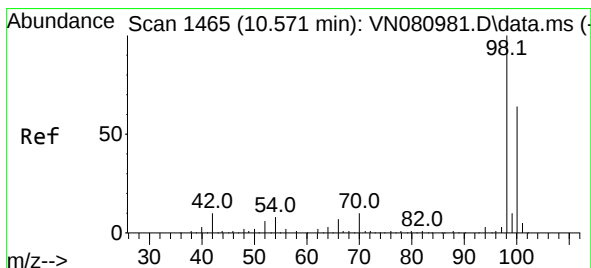
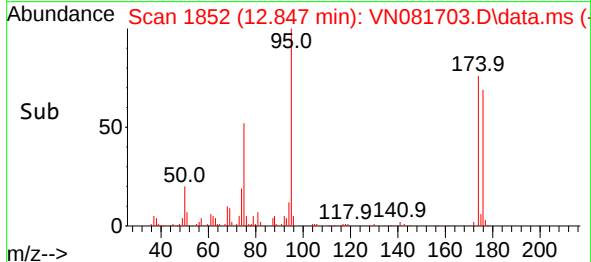
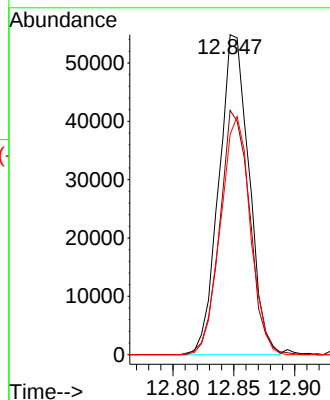
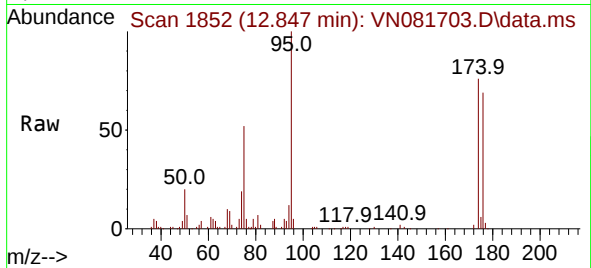




#60
4-Bromofluorobenzene
Concen: 25.315 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081703.D
Acq: 11 Apr 2024 17:49

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 94452
Ion Ratio Lower Upper
95 100
174 75.8 60.5 90.7
176 73.9 57.8 86.6



#63
Toluene-d8
Concen: 28.003 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081703.D
Acq: 11 Apr 2024 17:49

Tgt Ion: 98 Resp: 213174
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1

