

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080680.D
 Acq On : 11 Jan 2024 16:50
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 12 05:25:38 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	7.812	128	13979	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	117873	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	127042	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	60257	26.693	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	88.967%#
60) 4-Bromofluorobenzene	12.847	95	79105	28.148	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.833%
63) Toluene-d8	10.571	98	168489	30.219	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.733%

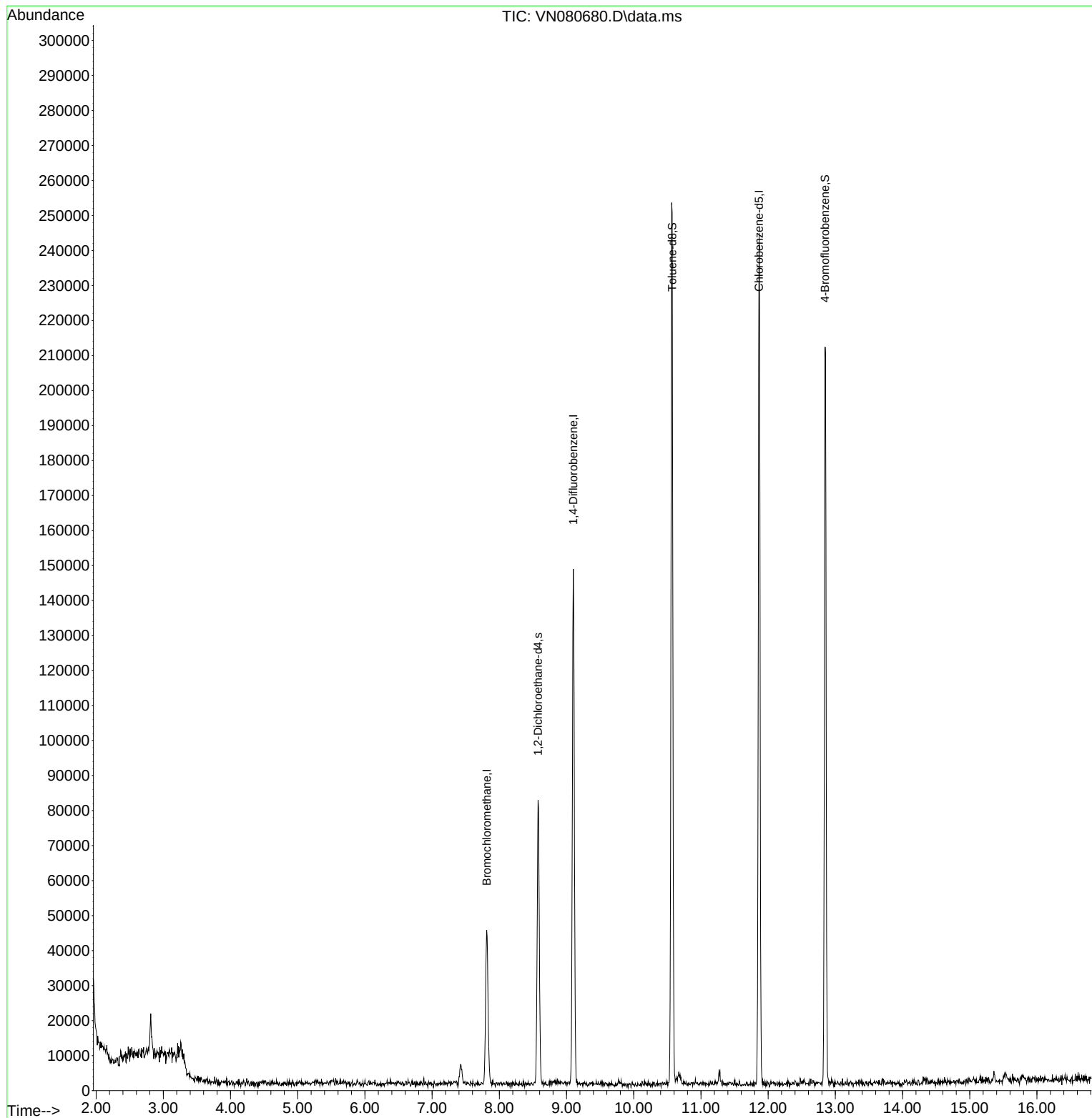
Target Compounds	Qvalue

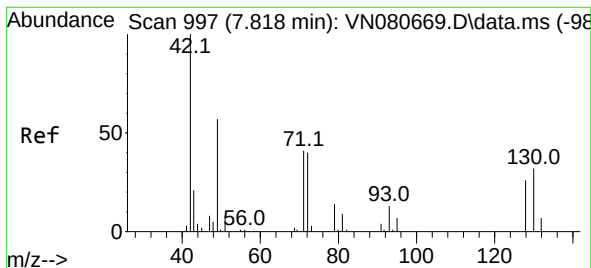
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN080680.D

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Instrument :

MSVOA_N

ClientSampleId :

IBLK

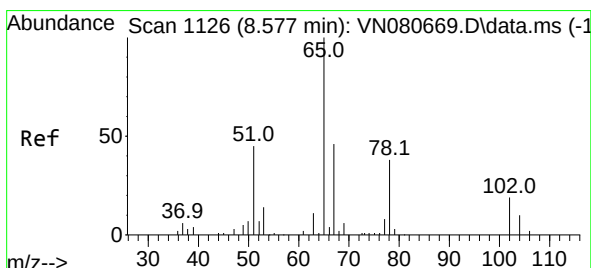
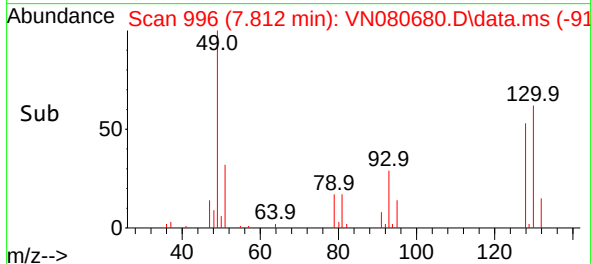
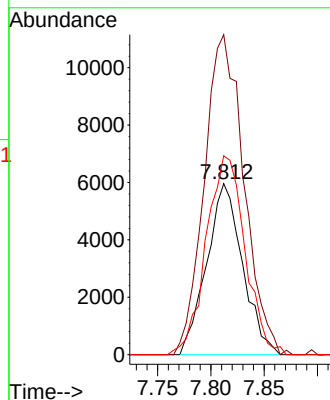
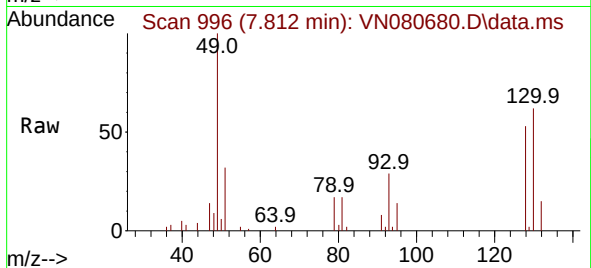
Tgt Ion:128 Resp: 13979

Ion Ratio Lower Upper

128 100

49 206.0 0.0 403.7

130 124.7 0.0 323.3



#27

1,2-Dichloroethane-d4

Concen: 26.693 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080680.D

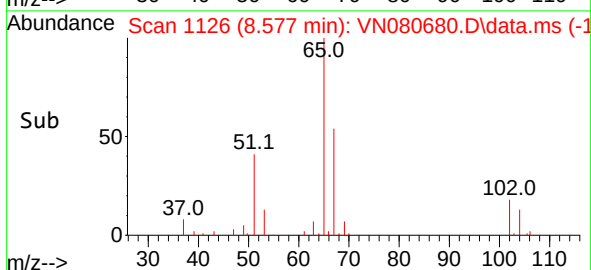
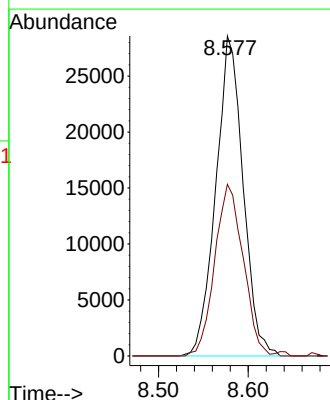
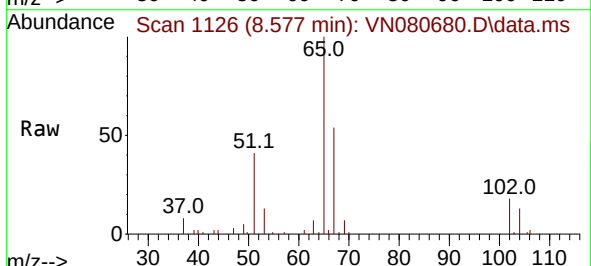
Acq: 11 Jan 2024 16:50

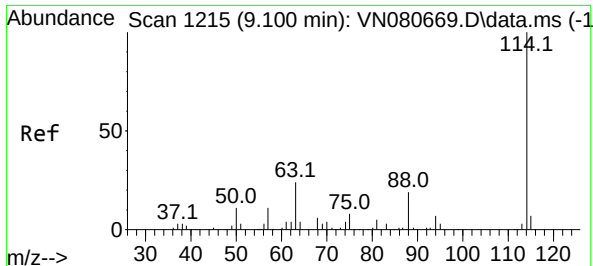
Tgt Ion: 65 Resp: 60257

Ion Ratio Lower Upper

65 100

67 55.9 43.2 64.8

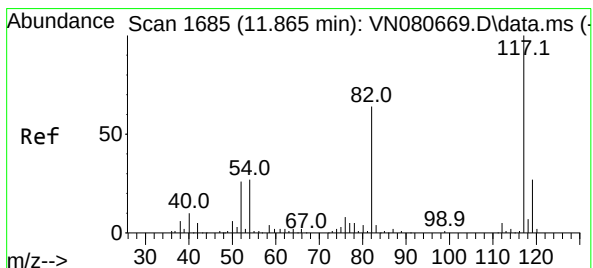
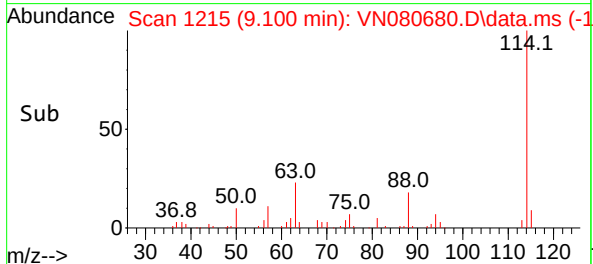
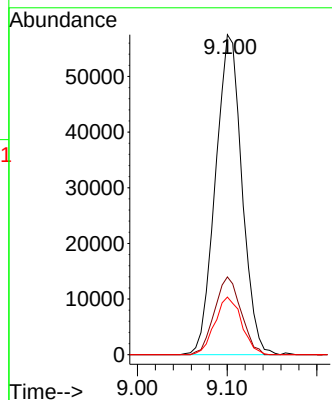
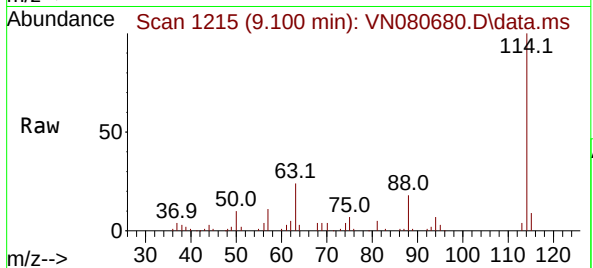




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 117873
Delta R.T. 0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

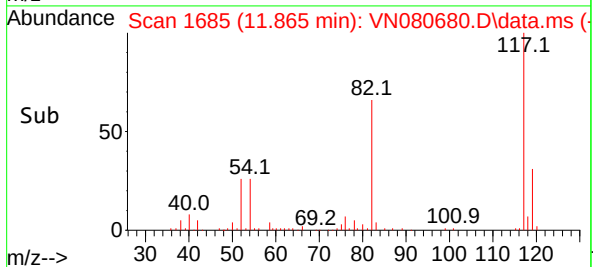
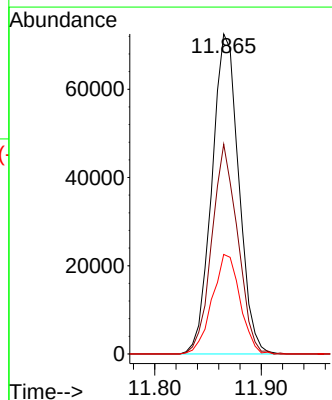
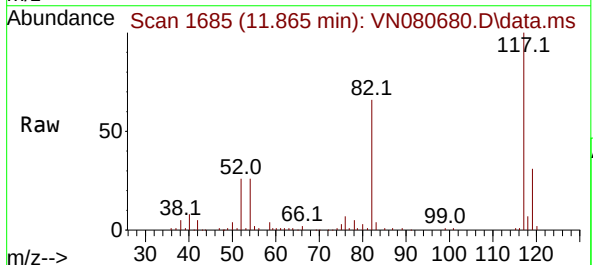
Instrument :
MSVOA_N
ClientSampleId :
IBLK

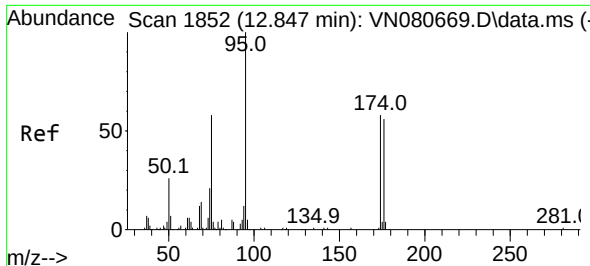
Tgt Ion:114 Resp: 117873
Ion Ratio Lower Upper
114 100
63 24.4 15.9 23.9#
88 18.1 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion:117 Resp: 127042
Ion Ratio Lower Upper
117 100
82 62.9 46.6 69.8
119 32.2 25.4 38.2

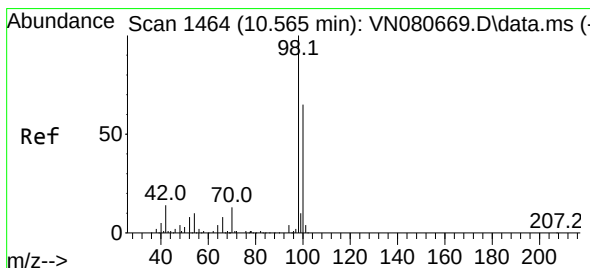
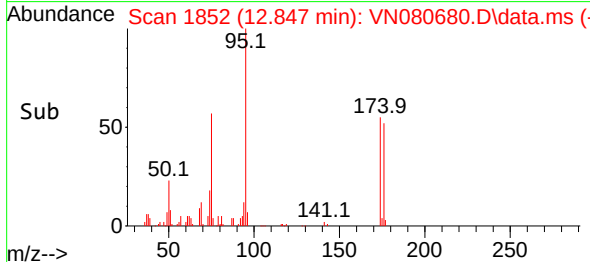
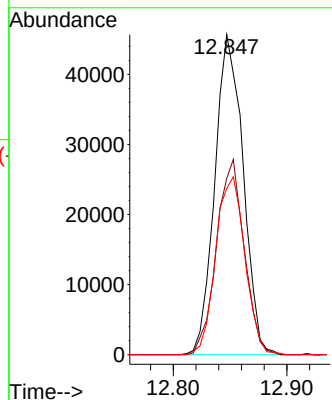
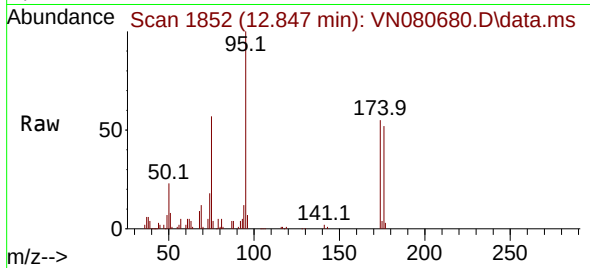




#60
4-Bromofluorobenzene
Concen: 28.148 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 79105
Ion Ratio Lower Upper
95 100
174 59.6 60.5 90.7#
176 57.2 57.8 86.6#



#63
Toluene-d8
Concen: 30.219 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion: 98 Resp: 168489
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

