

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086386.D
 Acq On : 23 Apr 2025 16:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 24 05:01:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	26647	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158684	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	141934	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80216	31.223	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.067%
60) 4-Bromofluorobenzene	12.847	95	78085	27.991	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.300%
63) Toluene-d8	10.565	98	233439	29.896	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%

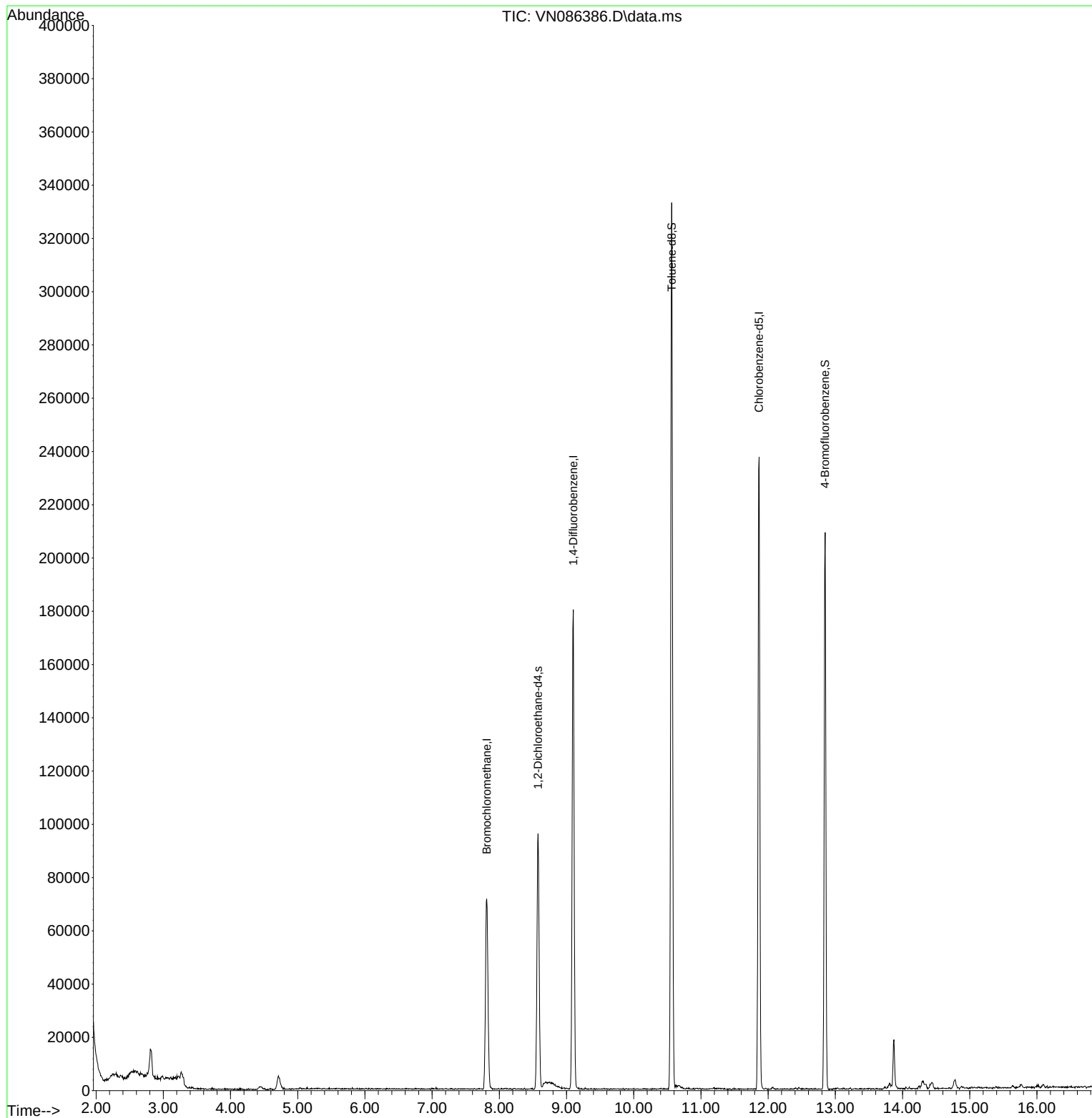
Target Compounds	Qvalue

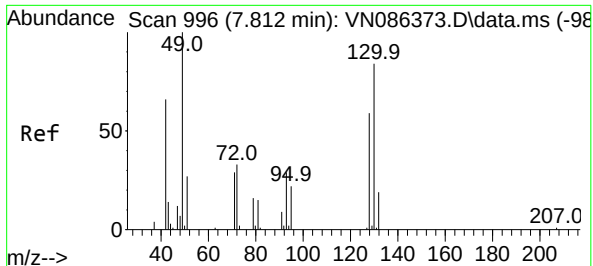
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
Data File : VN086386.D
Acq On : 23 Apr 2025 16:48
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Apr 24 05:01:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 24 04:42:24 2025
Response via : Initial Calibration

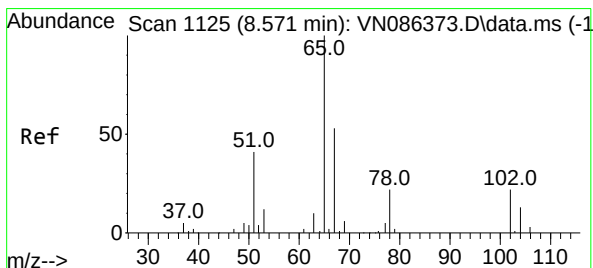
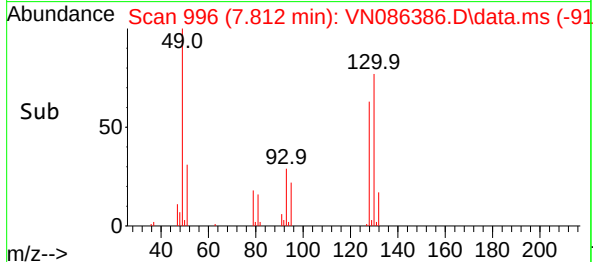
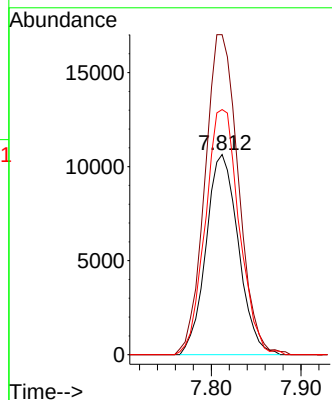
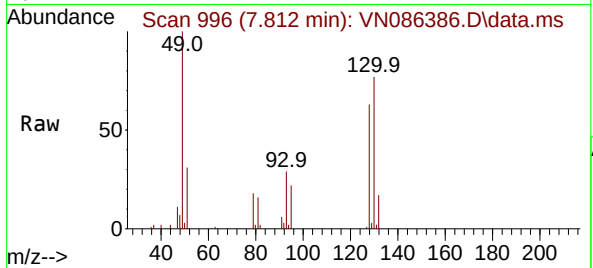




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086386.D
Acq: 23 Apr 2025 16:48

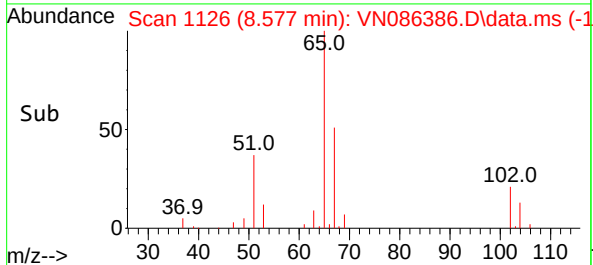
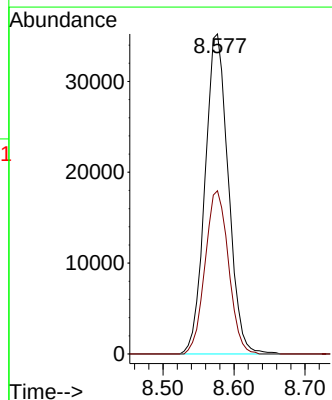
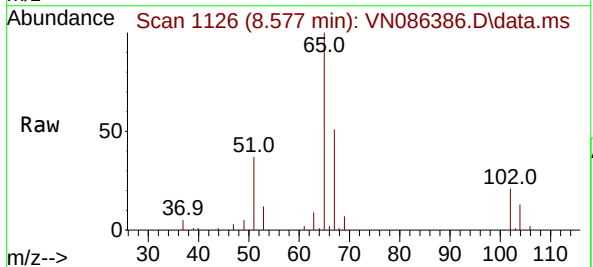
Instrument :
MSVOA_N
ClientSampleId :
IBLK

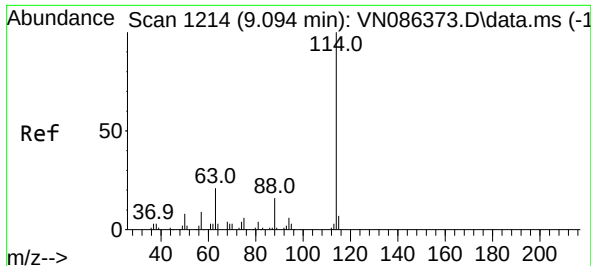
Tgt Ion:128 Resp: 26647
Ion Ratio Lower Upper
128 100
49 165.4 0.0 433.8
130 127.6 0.0 325.0



#27
1,2-Dichloroethane-d4
Concen: 31.223 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086386.D
Acq: 23 Apr 2025 16:48

Tgt Ion: 65 Resp: 80216
Ion Ratio Lower Upper
65 100
67 51.3 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086386.D

Acq: 23 Apr 2025 16:48

Instrument :

MSVOA_N

ClientSampleId :

IBLK

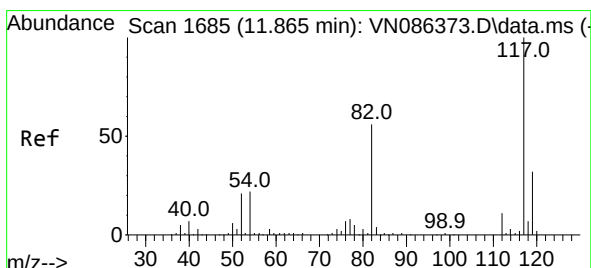
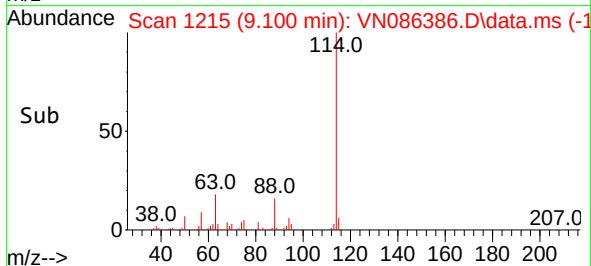
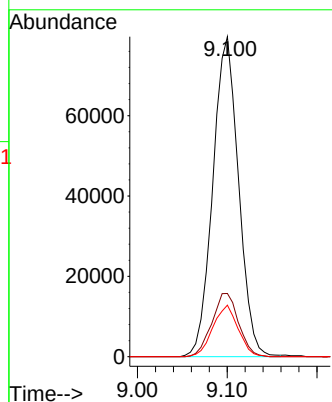
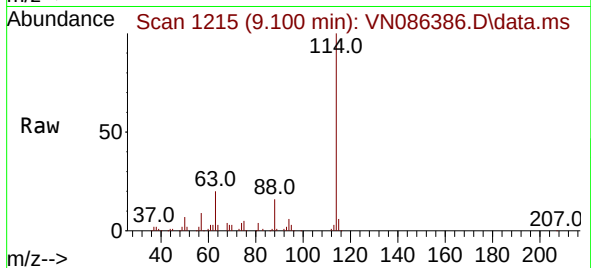
Tgt Ion:114 Resp: 158684

Ion Ratio Lower Upper

114 100

63 20.4 16.7 25.1

88 15.8 12.6 19.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN086386.D

Acq: 23 Apr 2025 16:48

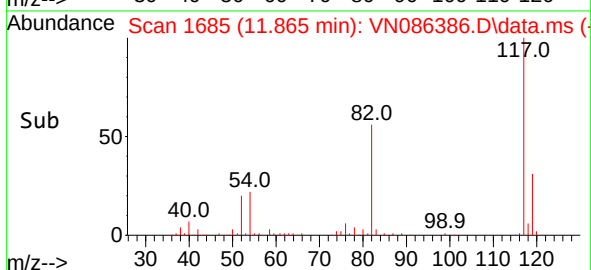
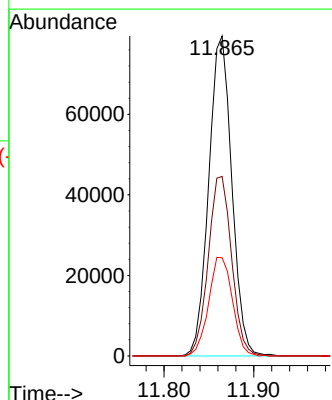
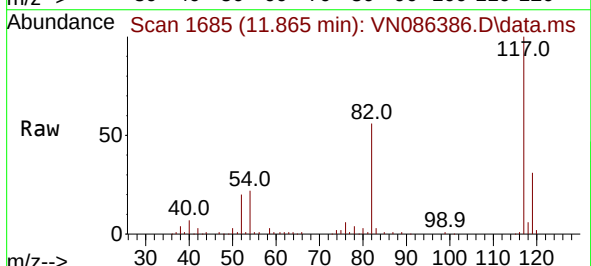
Tgt Ion:117 Resp: 141934

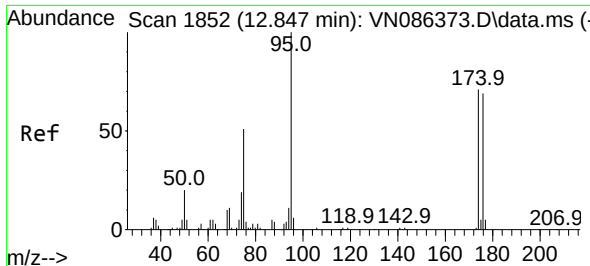
Ion Ratio Lower Upper

117 100

82 56.9 45.5 68.3

119 31.8 25.9 38.9

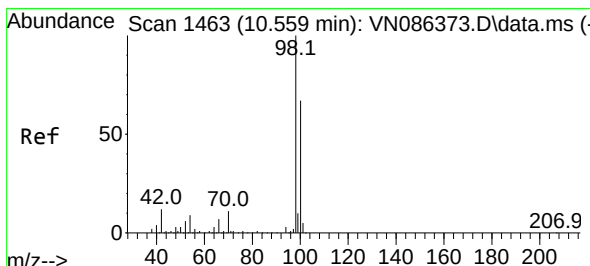
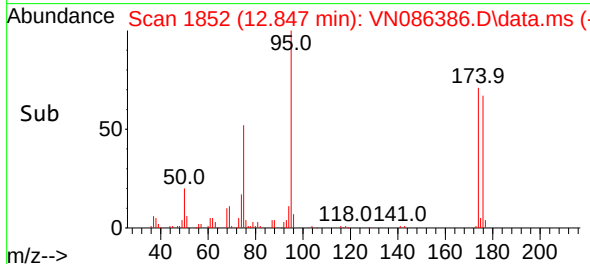
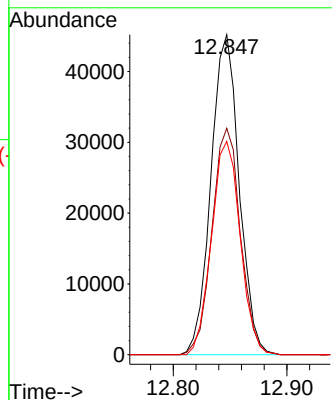
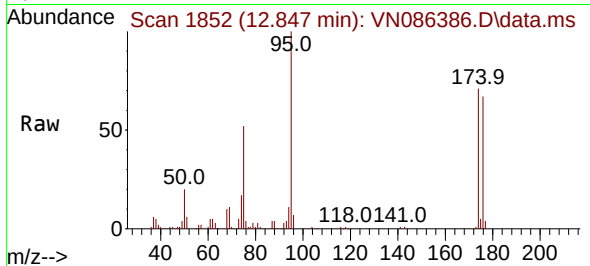




#60
4-Bromofluorobenzene
Concen: 27.991 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086386.D
Acq: 23 Apr 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 78085
Ion Ratio Lower Upper
95 100
174 71.2 56.6 84.8
176 67.8 53.3 79.9



#63
Toluene-d8
Concen: 29.896 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086386.D
Acq: 23 Apr 2025 16:48

Tgt Ion: 98 Resp: 233439
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

