

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
 Data File : VN086359.D
 Acq On : 21 Apr 2025 14:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 22 01:50:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	26452	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	153299	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138840	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79075	30.649	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.167%
60) 4-Bromofluorobenzene	12.847	95	75968	27.482	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.600%
63) Toluene-d8	10.565	98	228852	29.197	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.333%

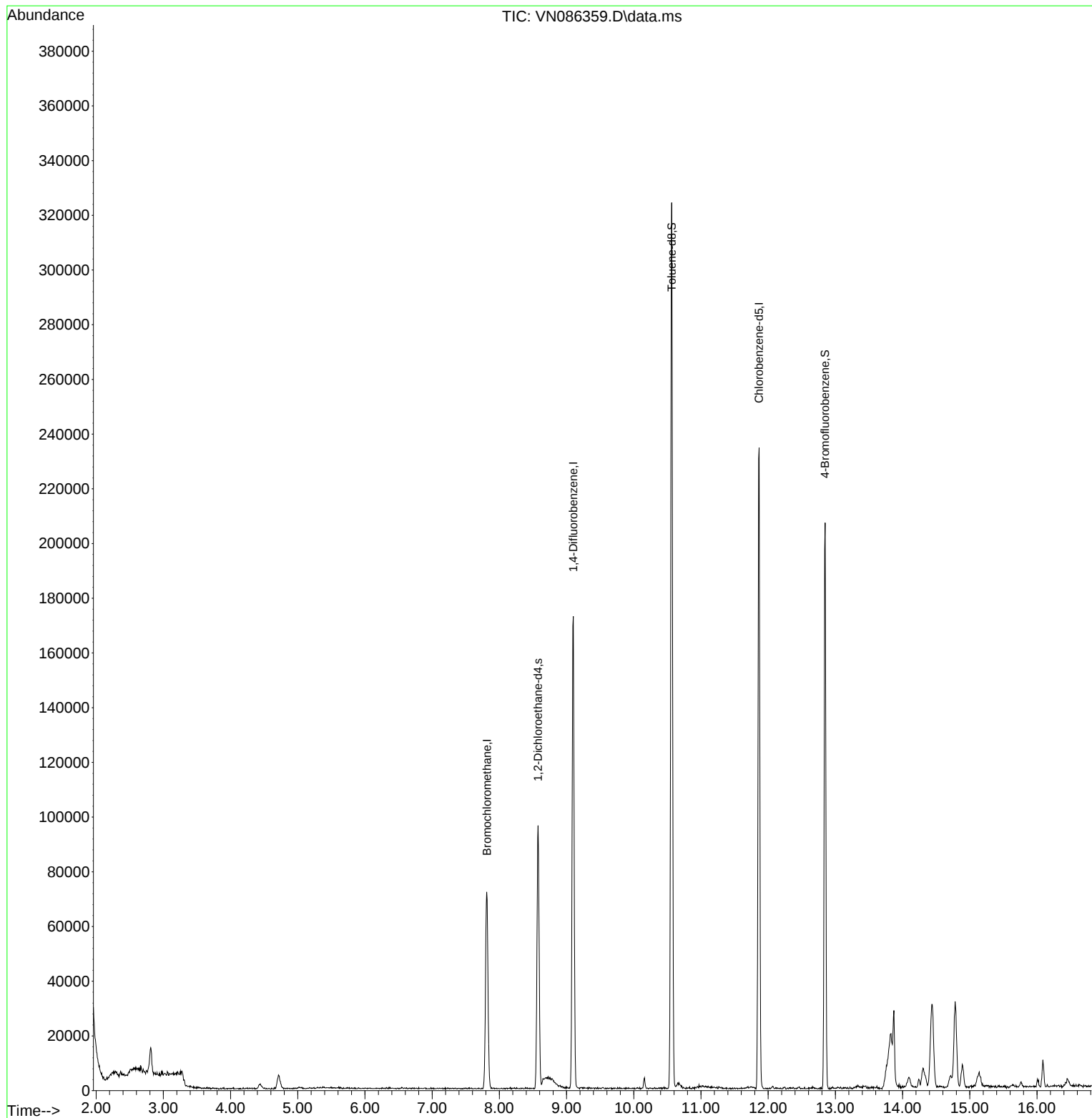
Target Compounds	Qvalue

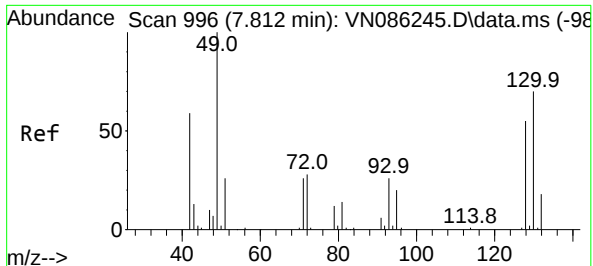
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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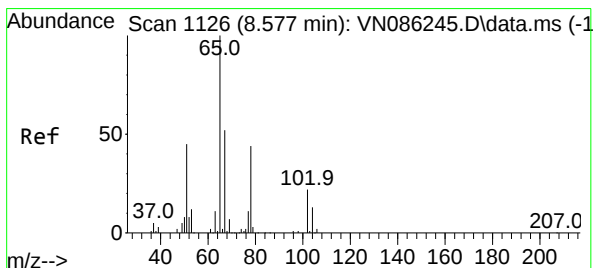
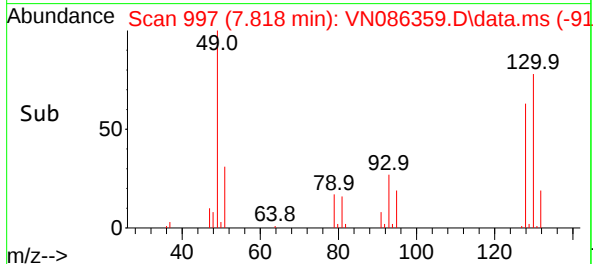
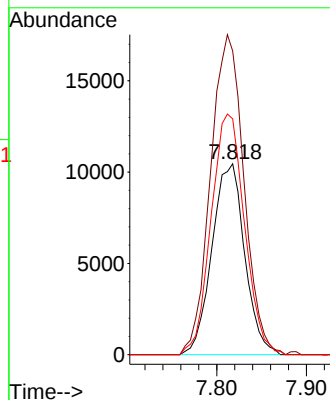
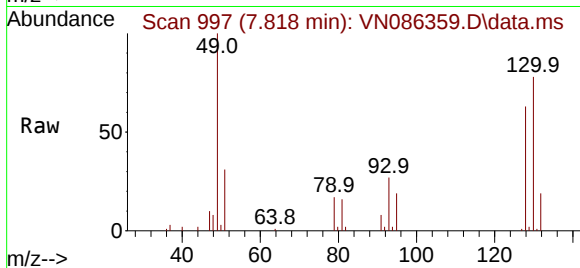




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

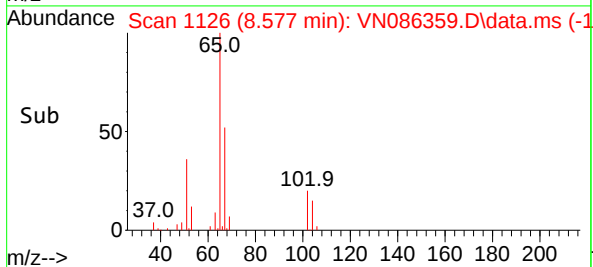
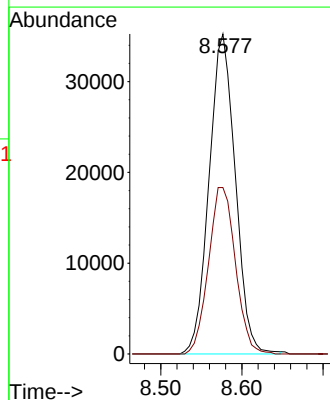
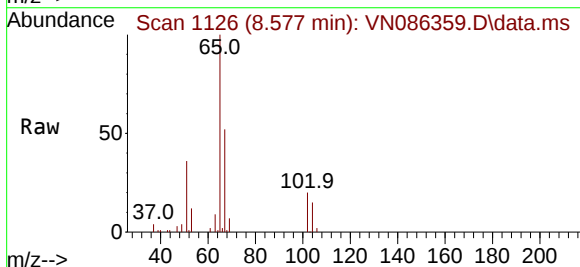
Instrument :
MSVOA_N
ClientSampleId :
IBLK

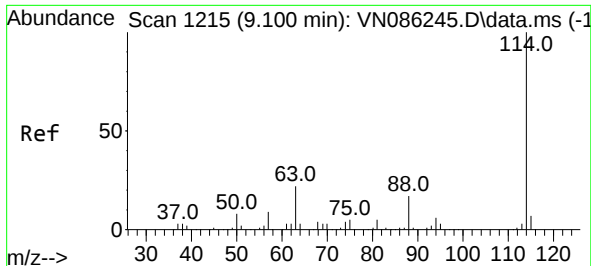
Tgt Ion:128 Resp: 26452
Ion Ratio Lower Upper
128 100
49 171.0 0.0 452.5
130 129.1 0.0 315.0



#27
1,2-Dichloroethane-d4
Concen: 30.649 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion: 65 Resp: 79075
Ion Ratio Lower Upper
65 100
67 53.5 43.4 65.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086359.D

Acq: 21 Apr 2025 14:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

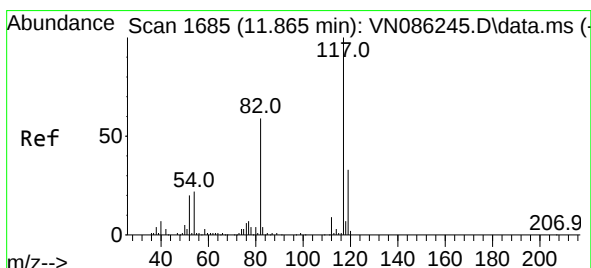
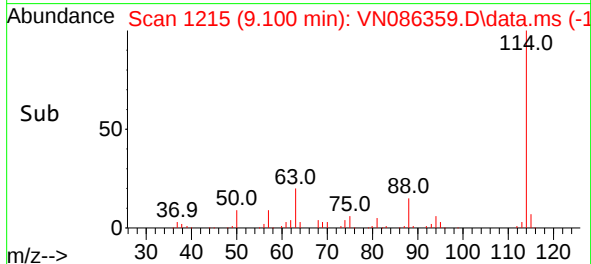
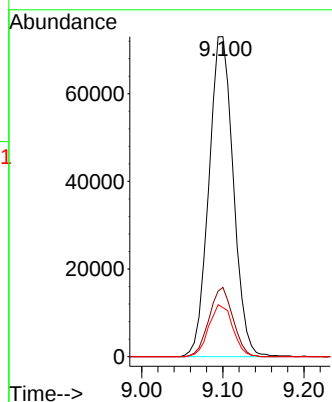
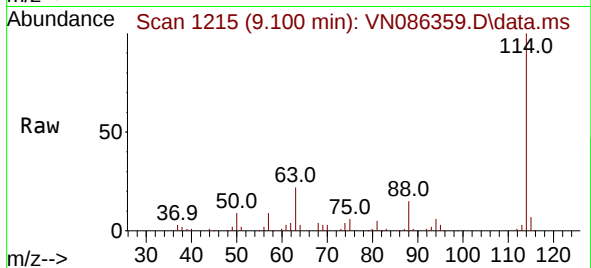
Tgt Ion:114 Resp: 153299

Ion Ratio Lower Upper

114 100

63 21.1 17.8 26.6

88 15.9 13.4 20.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN086359.D

Acq: 21 Apr 2025 14:11

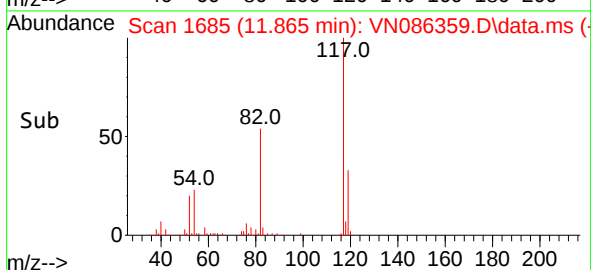
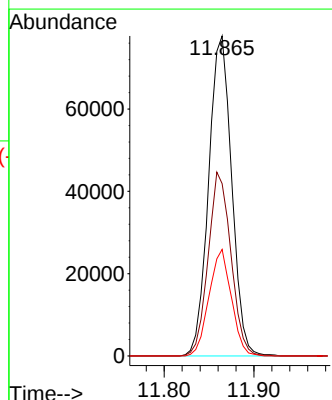
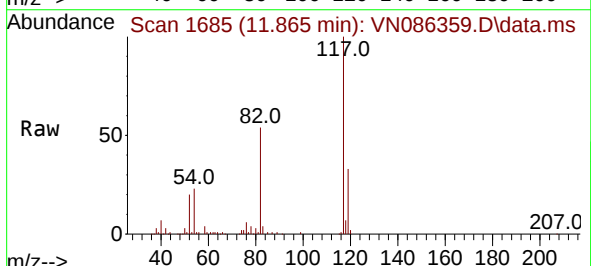
Tgt Ion:117 Resp: 138840

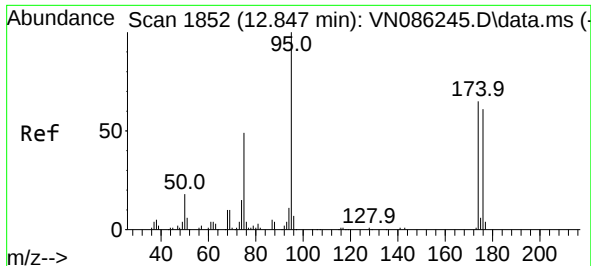
Ion Ratio Lower Upper

117 100

82 56.8 47.3 70.9

119 32.2 25.9 38.9

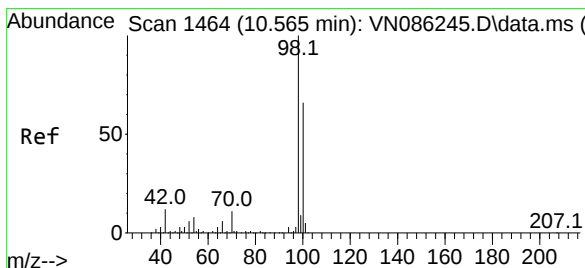
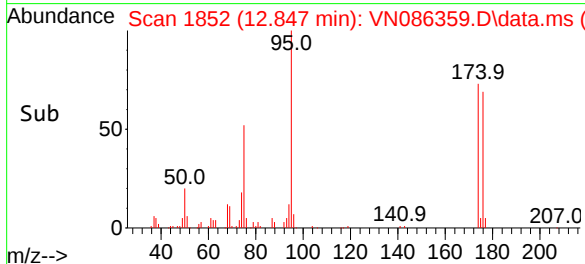
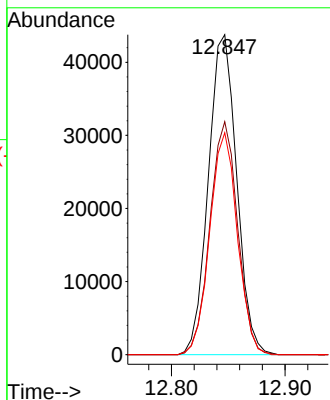
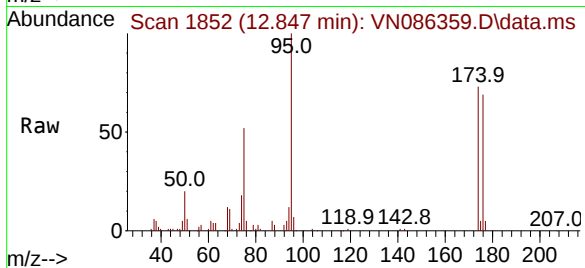




#60
4-Bromofluorobenzene
Concen: 27.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 75968
Ion Ratio Lower Upper
95 100
174 71.2 52.7 79.1
176 67.6 49.8 74.8



#63
Toluene-d8
Concen: 29.197 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion: 98 Resp: 228852
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

