

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086377.D
 Acq On : 23 Apr 2025 11:21
 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 24 04:50:14 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	26445	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	161082	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138477	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	78703	30.868	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.900%
60) 4-Bromofluorobenzene	12.847	95	73582	27.036	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.133%
63) Toluene-d8	10.565	98	237239	31.141	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.800%

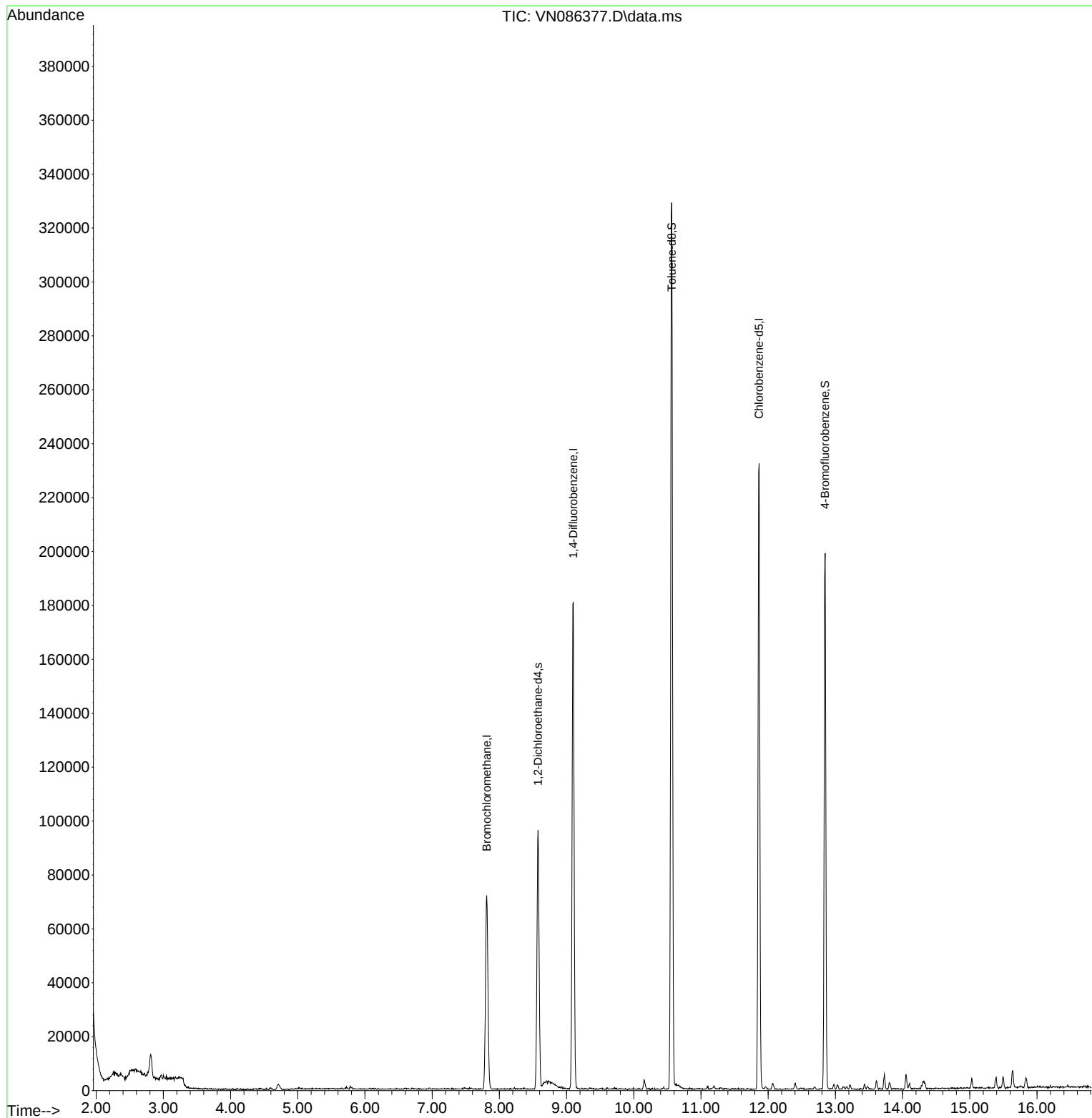
Target Compounds	Qvalue

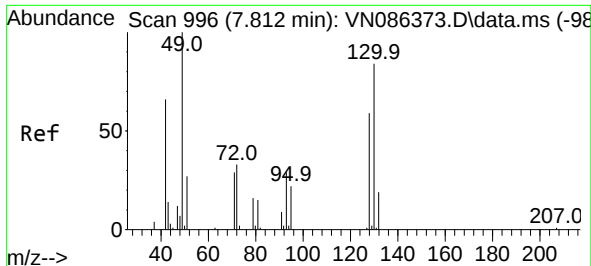
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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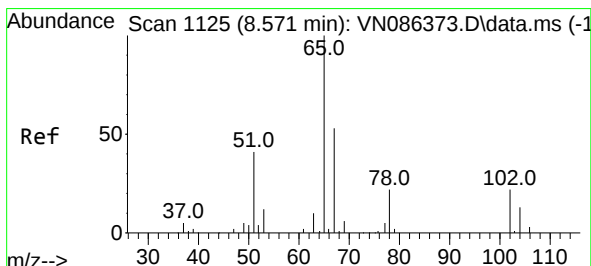
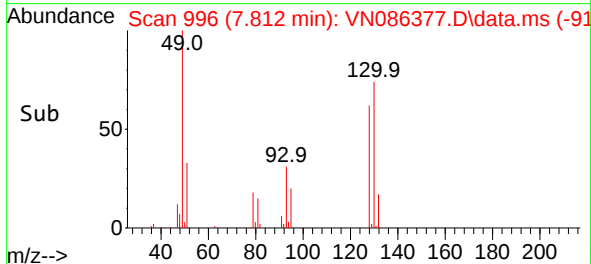
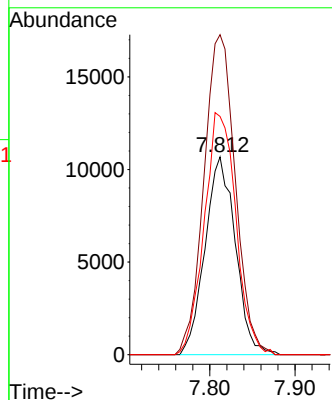
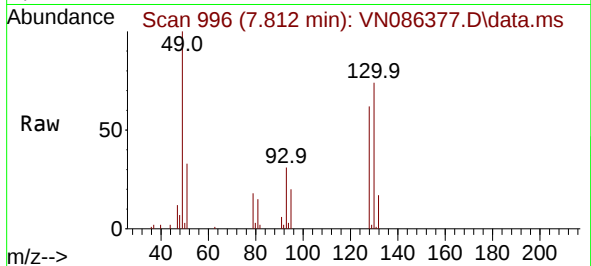




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086377.D
Acq: 23 Apr 2025 11:21

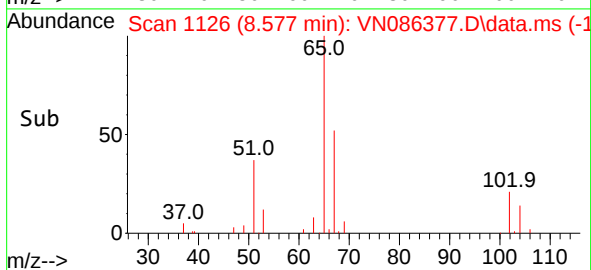
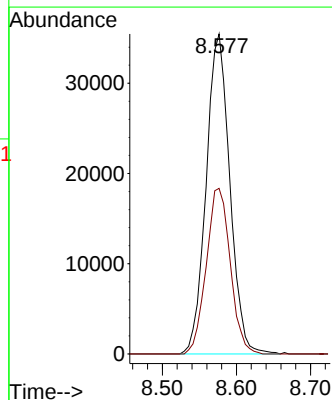
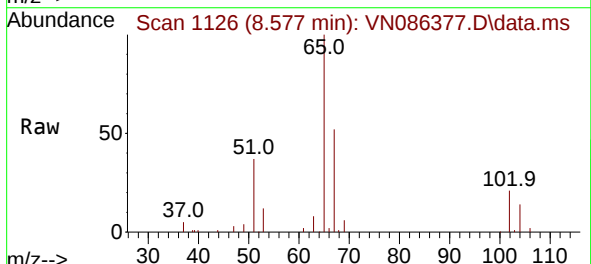
Instrument :
MSVOA_N
ClientSampleId :
IBLK

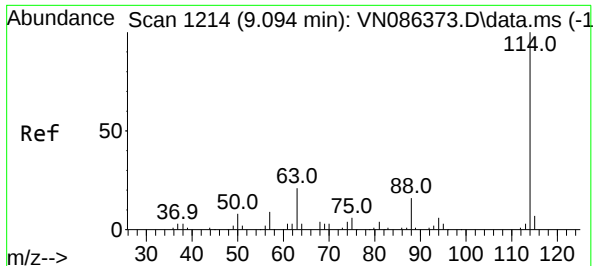
Tgt Ion:128 Resp: 26445
Ion Ratio Lower Upper
128 100
49 167.0 0.0 433.8
130 127.9 0.0 325.0



#27
1,2-Dichloroethane-d4
Concen: 30.868 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086377.D
Acq: 23 Apr 2025 11:21

Tgt Ion: 65 Resp: 78703
Ion Ratio Lower Upper
65 100
67 52.4 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086377.D

Acq: 23 Apr 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

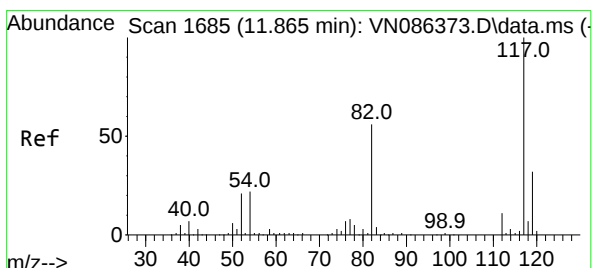
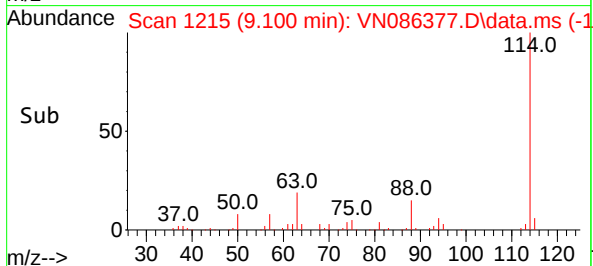
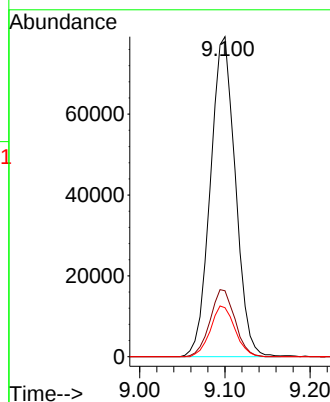
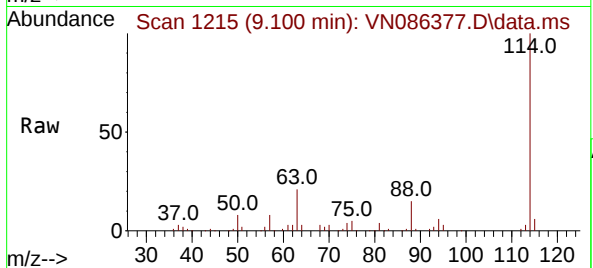
Tgt Ion:114 Resp: 161082

Ion Ratio Lower Upper

114 100

63 20.8 16.7 25.1

88 15.6 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: VN086377.D

Acq: 23 Apr 2025 11:21

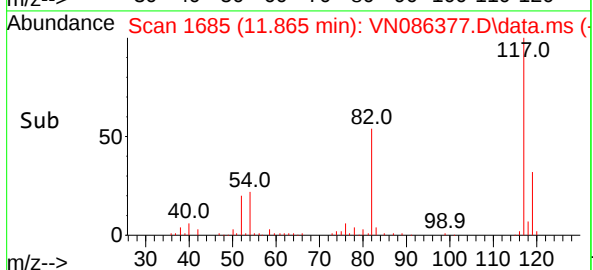
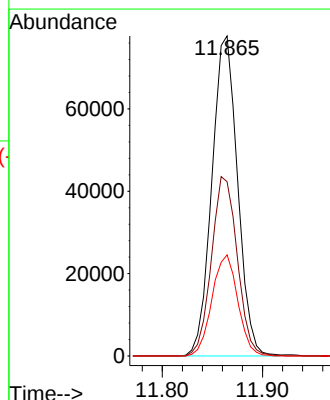
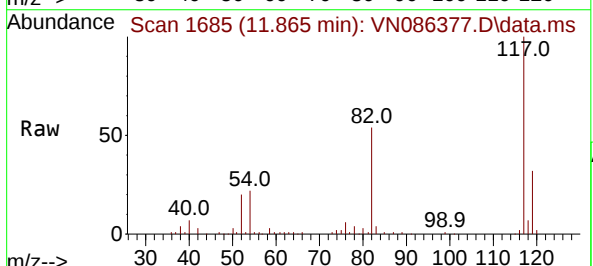
Tgt Ion:117 Resp: 138477

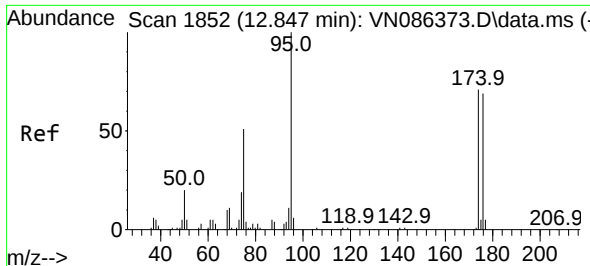
Ion Ratio Lower Upper

117 100

82 56.3 45.5 68.3

119 31.7 25.9 38.9

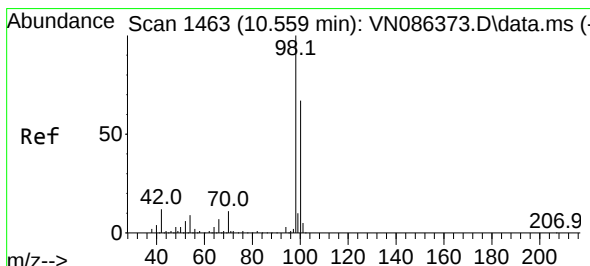
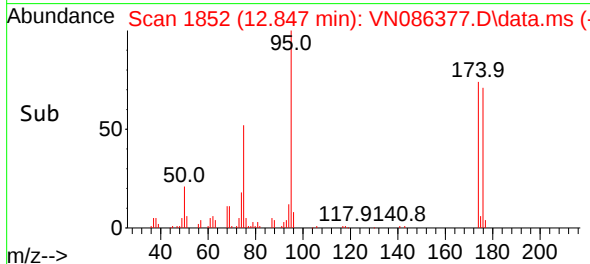
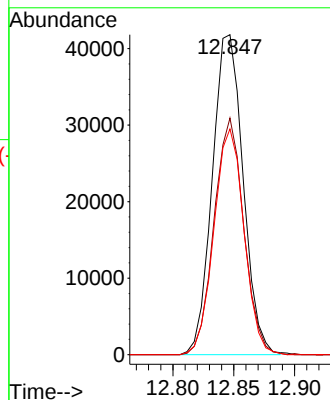
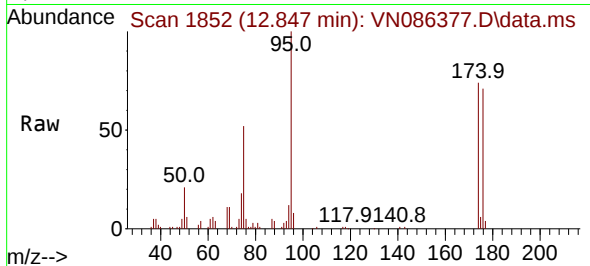




#60
4-Bromofluorobenzene
Concen: 27.036 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086377.D
Acq: 23 Apr 2025 11:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 73582
Ion Ratio Lower Upper
95 100
174 71.1 56.6 84.8
176 68.8 53.3 79.9



#63
Toluene-d8
Concen: 31.141 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086377.D
Acq: 23 Apr 2025 11:21

Tgt Ion: 98 Resp: 237239
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

