

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086664.D
 Acq On : 16 May 2025 13:20
 Operator : JC\MD
 Sample : VN0516WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBL01

Quant Time: May 16 23:03:28 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	29934	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	171805	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	155509	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82632	28.632	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.433%
60) 4-Bromofluorobenzene	12.847	95	81087	26.530	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.433%
63) Toluene-d8	10.565	98	254603	29.760	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.200%

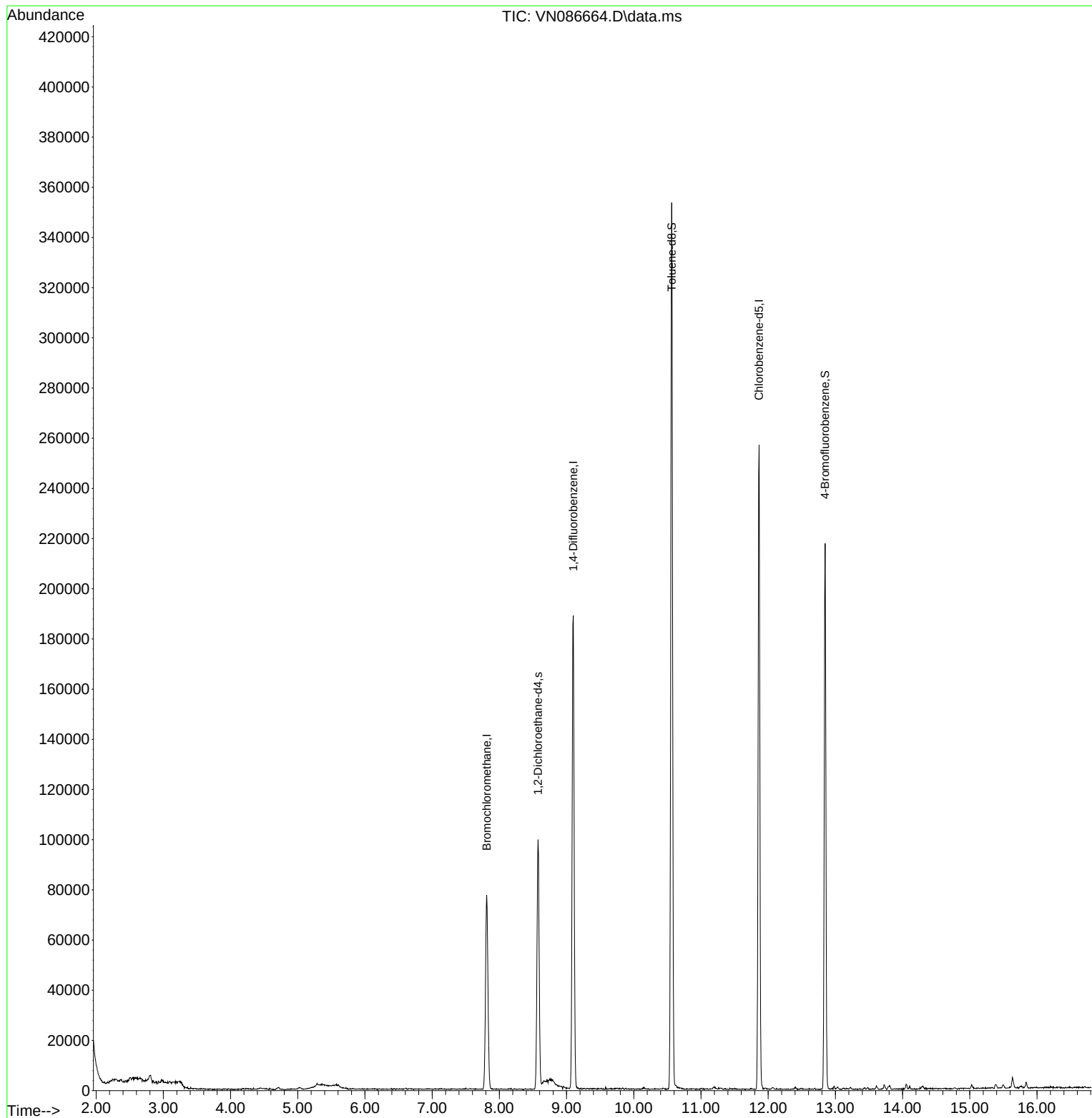
Target Compounds	Qvalue

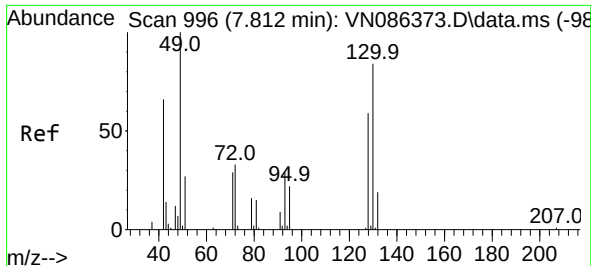
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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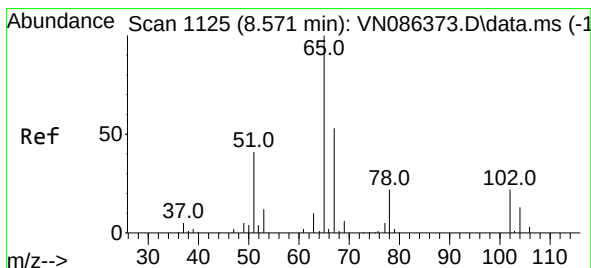
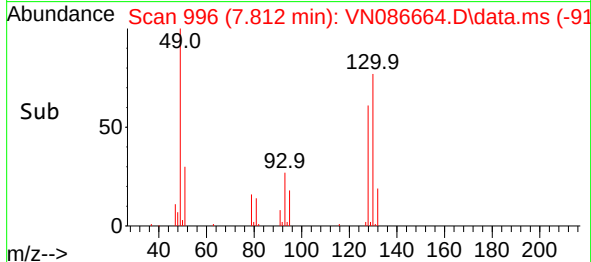
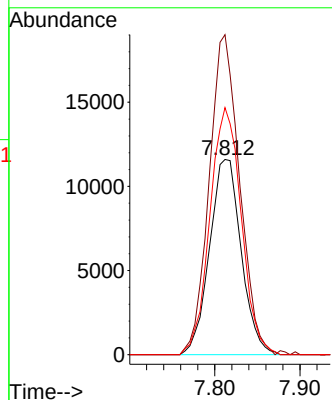
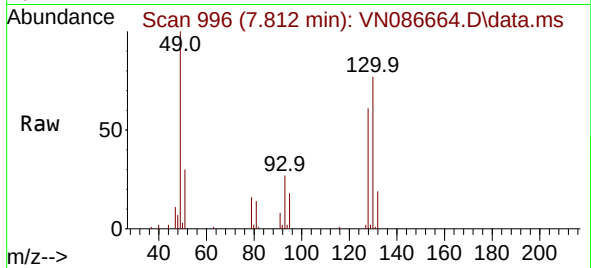




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086664.D
Acq: 16 May 2025 13:20

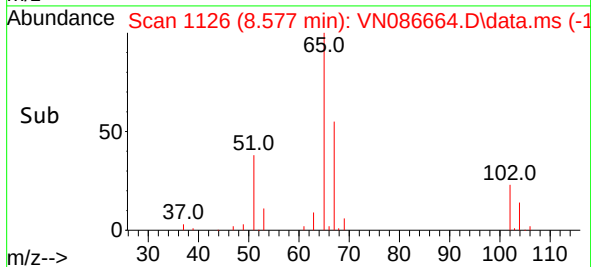
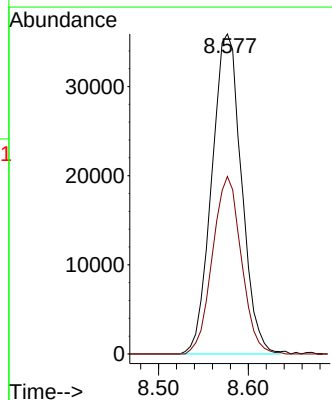
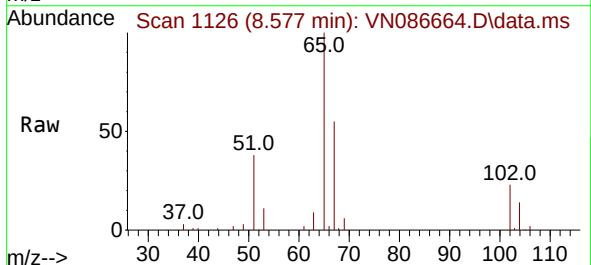
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

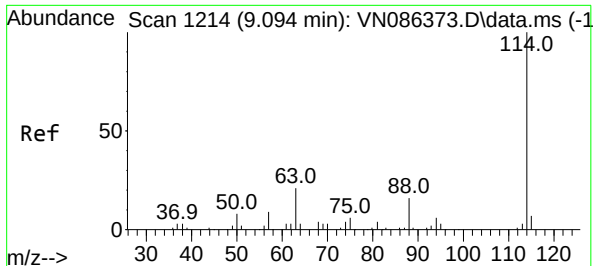
Tgt Ion:128 Resp: 29934
Ion Ratio Lower Upper
128 100
49 157.6 0.0 433.8
130 125.7 0.0 325.0



#27
1,2-Dichloroethane-d4
Concen: 28.632 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086664.D
Acq: 16 May 2025 13:20

Tgt Ion: 65 Resp: 82632
Ion Ratio Lower Upper
65 100
67 53.7 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: VN086664.D

Acq: 16 May 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBL01

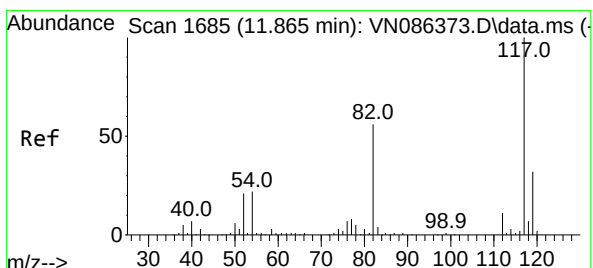
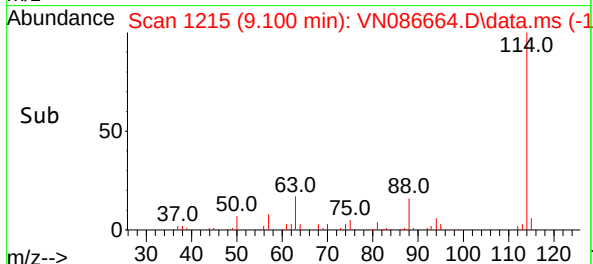
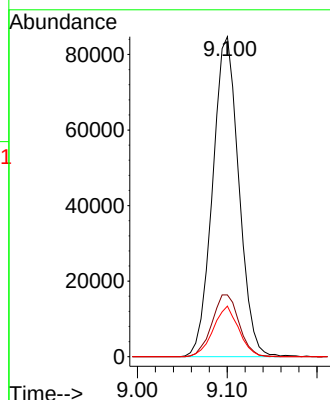
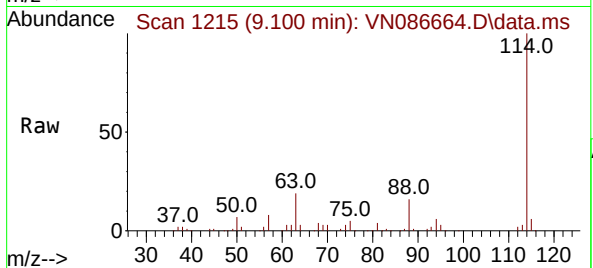
Tgt Ion:114 Resp: 171805

Ion Ratio Lower Upper

114 100

63 20.0 16.7 25.1

88 15.3 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: VN086664.D

Acq: 16 May 2025 13:20

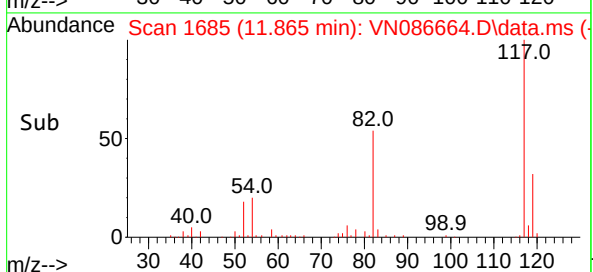
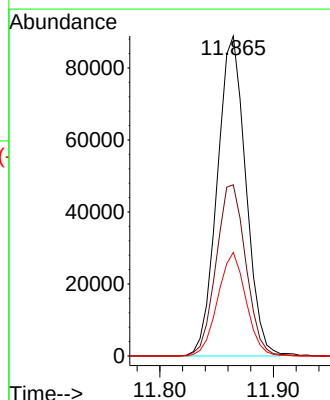
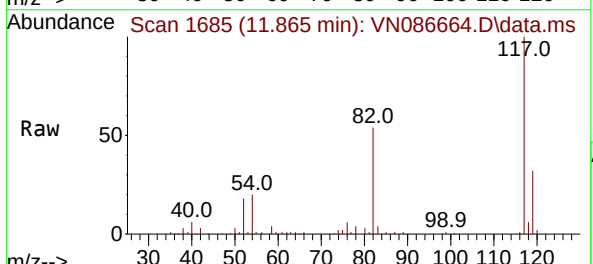
Tgt Ion:117 Resp: 155509

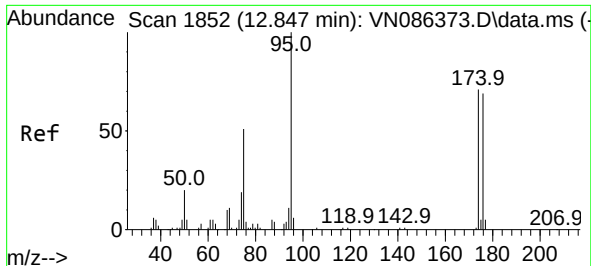
Ion Ratio Lower Upper

117 100

82 55.6 45.5 68.3

119 31.9 25.9 38.9

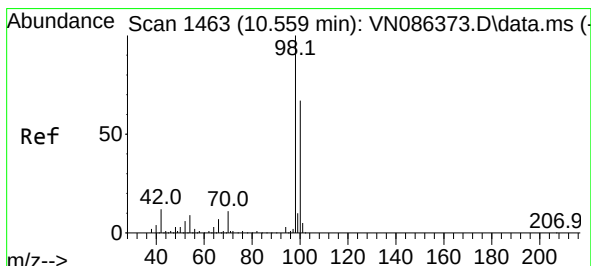
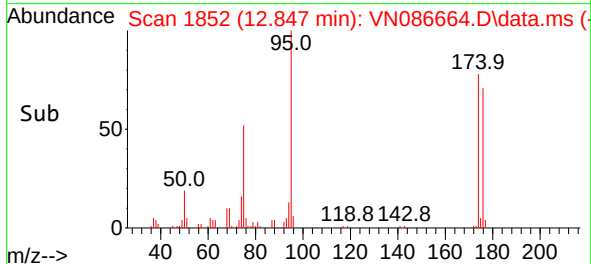
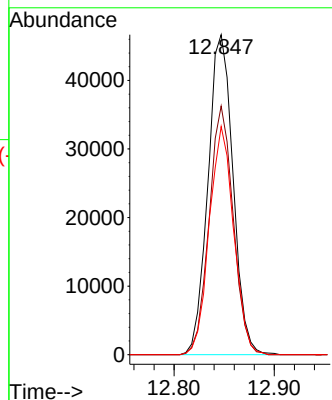
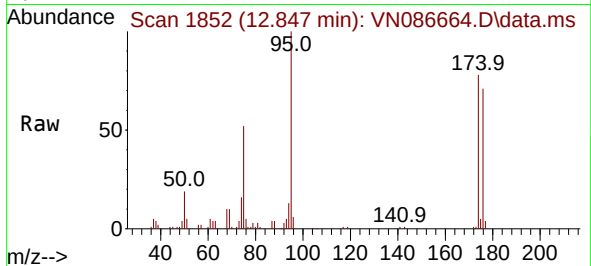




#60
4-Bromofluorobenzene
Concen: 26.530 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086664.D
Acq: 16 May 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

Tgt Ion: 95 Resp: 81087
Ion Ratio Lower Upper
95 100
174 74.8 56.6 84.8
176 69.5 53.3 79.9



#63
Toluene-d8
Concen: 29.760 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086664.D
Acq: 16 May 2025 13:20

Tgt Ion: 98 Resp: 254603
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

