

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087471.D
 Acq On : 06 Aug 2025 10:56
 Operator : JC\MD
 Sample : VN0806WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

Quant Time: Aug 07 03:33:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	60753	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	332450	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	296861	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	170978	30.512	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.700%
60) 4-Bromofluorobenzene	12.829	95	143305	28.051	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.500%
63) Toluene-d8	10.547	98	410507	30.053	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.167%

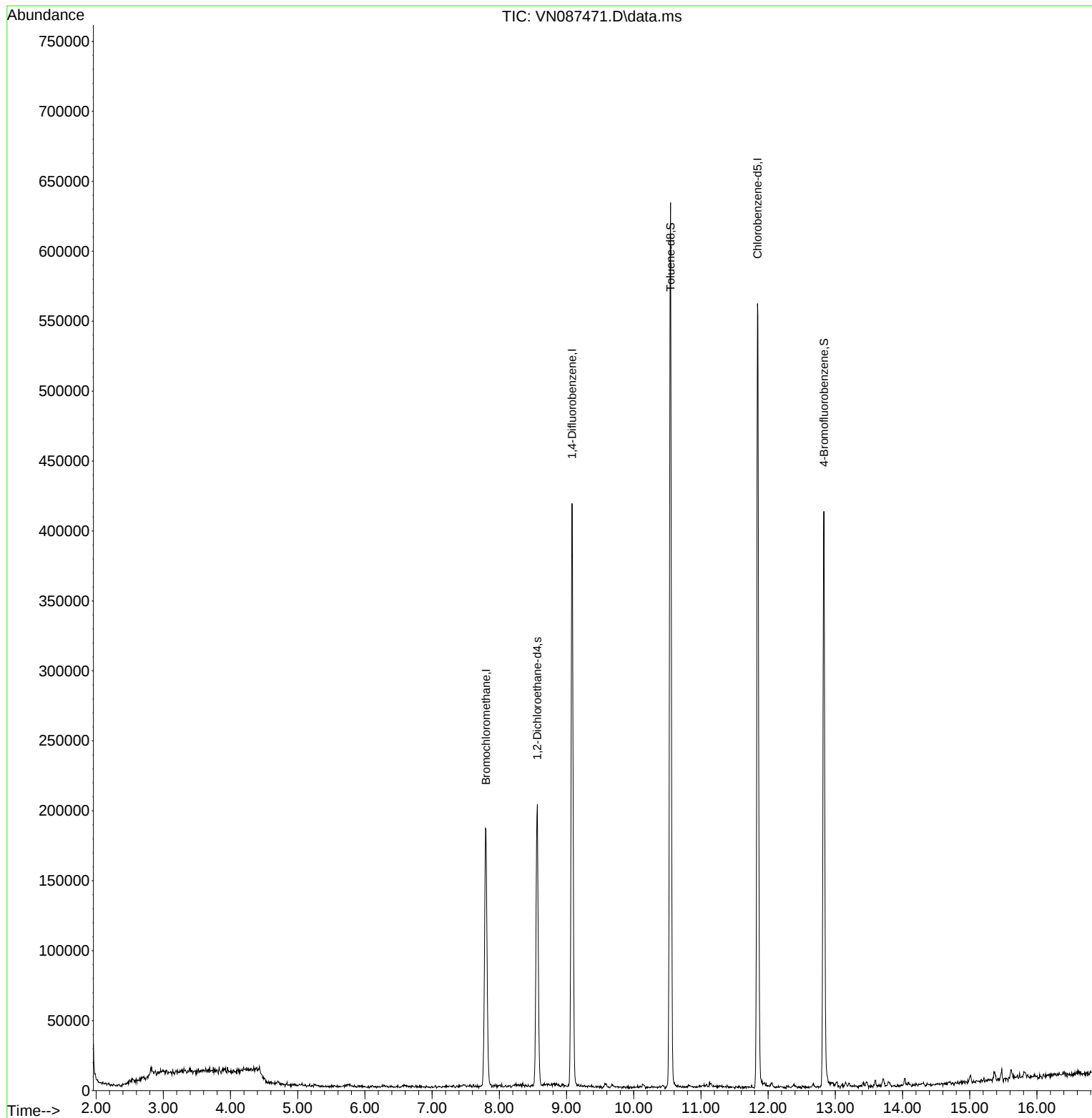
Target Compounds	Qvalue

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

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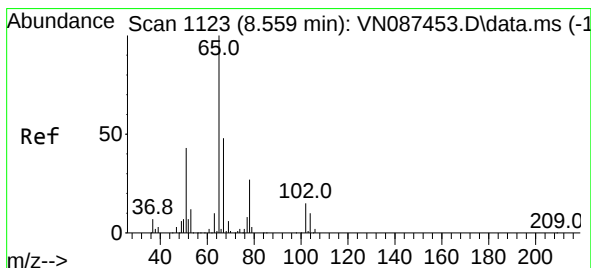
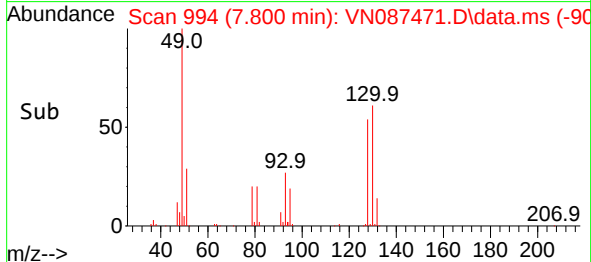
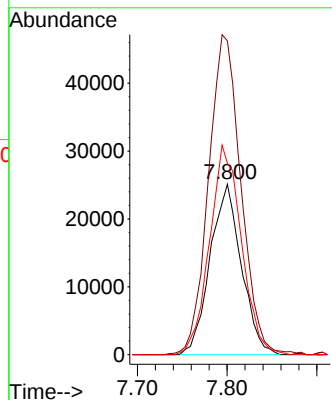
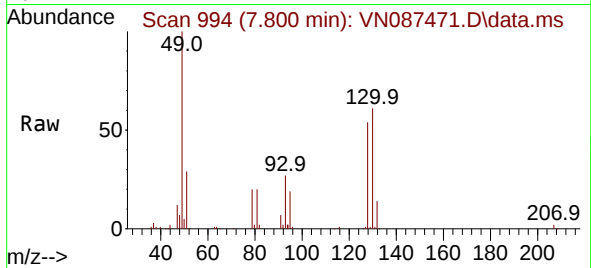




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087471.D
Acq: 06 Aug 2025 10:56

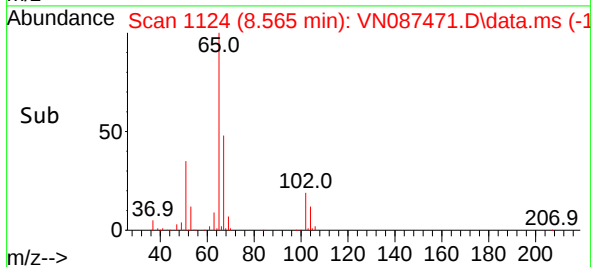
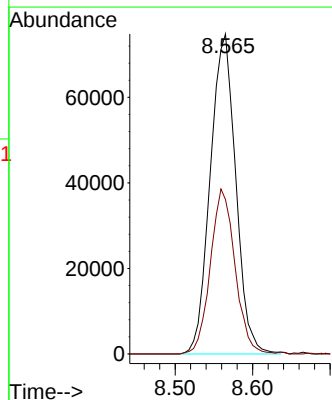
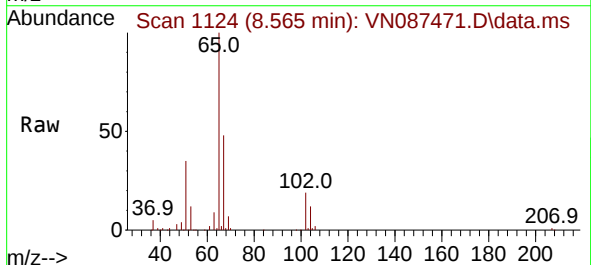
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBL01

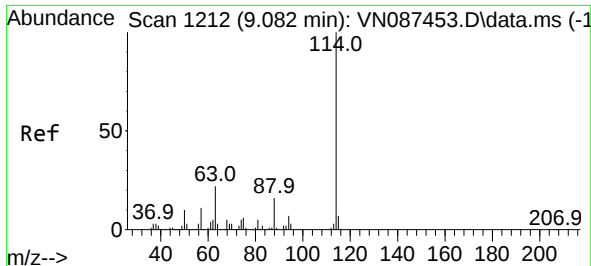
Tgt Ion:128 Resp: 60753
Ion Ratio Lower Upper
128 100
49 195.0 0.0 494.8
130 125.4 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 30.512 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087471.D
Acq: 06 Aug 2025 10:56

Tgt Ion: 65 Resp: 170978
Ion Ratio Lower Upper
65 100
67 49.9 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087471.D

Acq: 06 Aug 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

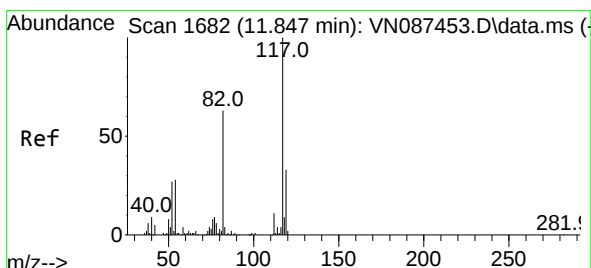
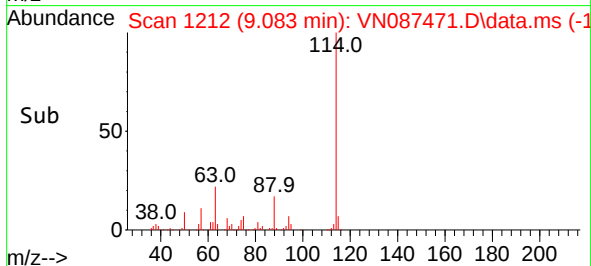
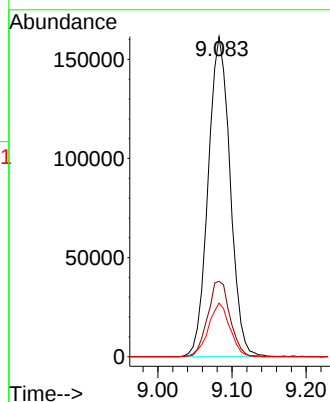
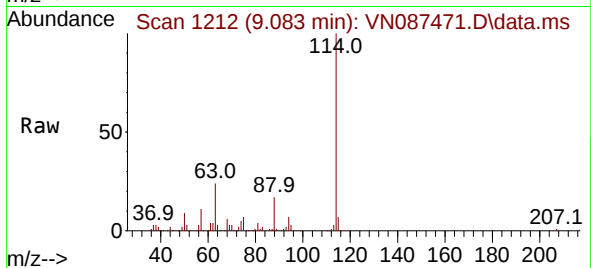
Tgt Ion:114 Resp: 332450

Ion Ratio Lower Upper

114 100

63 23.9 18.9 28.3

88 16.3 13.1 19.7



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN087471.D

Acq: 06 Aug 2025 10:56

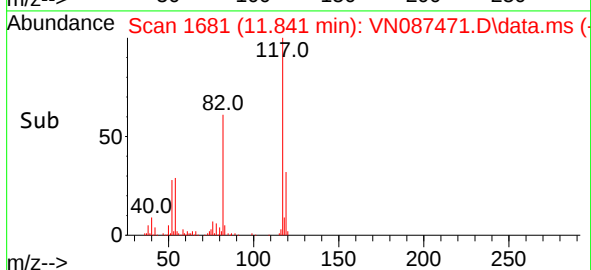
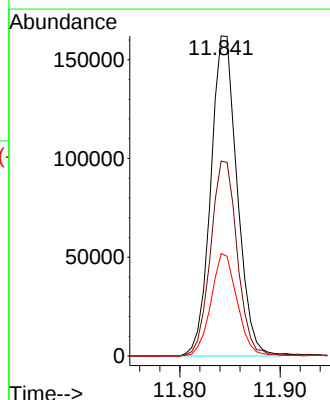
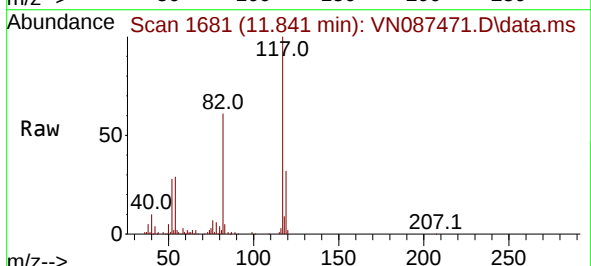
Tgt Ion:117 Resp: 296861

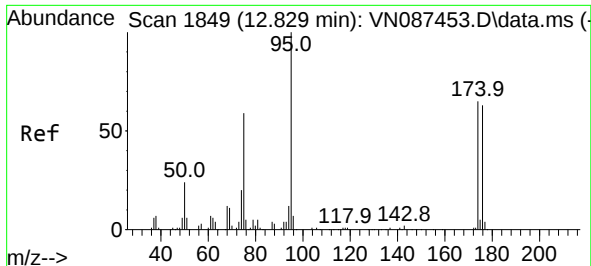
Ion Ratio Lower Upper

117 100

82 61.3 49.2 73.8

119 31.7 25.7 38.5

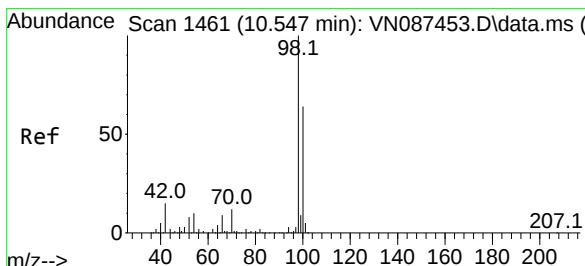
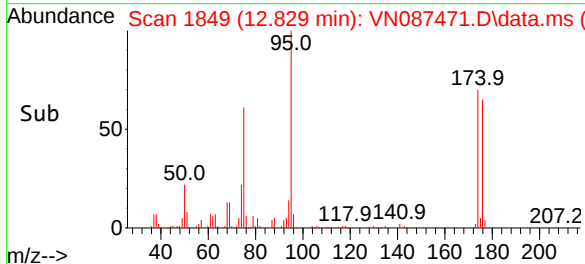
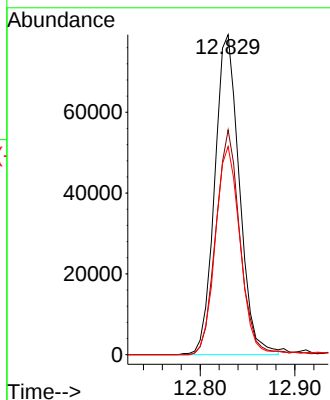
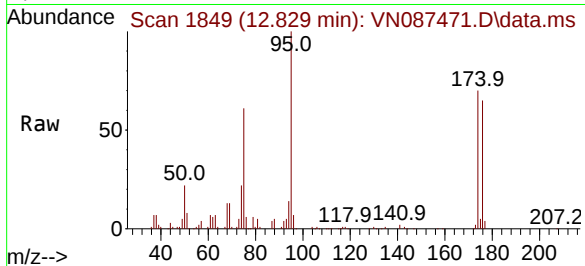




#60
4-Bromofluorobenzene
Concen: 28.051 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087471.D
Acq: 06 Aug 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBL01

Tgt Ion: 95 Resp: 143305
Ion Ratio Lower Upper
95 100
174 68.2 52.3 78.5
176 64.8 49.8 74.8



#63
Toluene-d8
Concen: 30.053 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087471.D
Acq: 06 Aug 2025 10:56

Tgt Ion: 98 Resp: 410507
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

