

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087872.D
 Acq On : 17 Sep 2025 12:03
 Operator : JC\MD
 Sample : VN0917WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBL01

Quant Time: Sep 18 03:09:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	50672	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	260263	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	234698	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	124770	28.825	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.067%
60) 4-Bromofluorobenzene	12.829	95	99589	26.390	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.967%
63) Toluene-d8	10.547	98	315410	28.898	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.333%

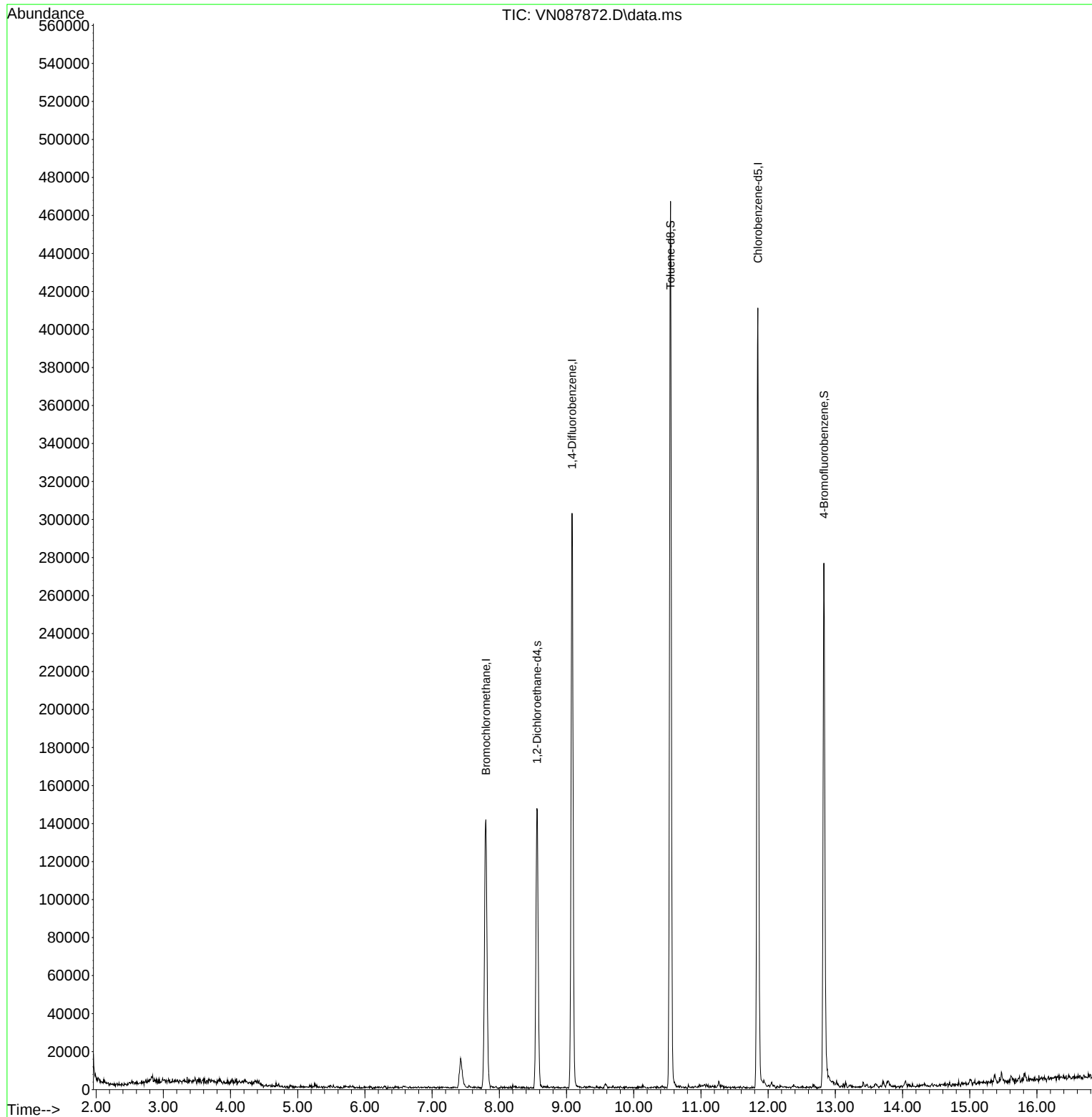
Target Compounds	Qvalue

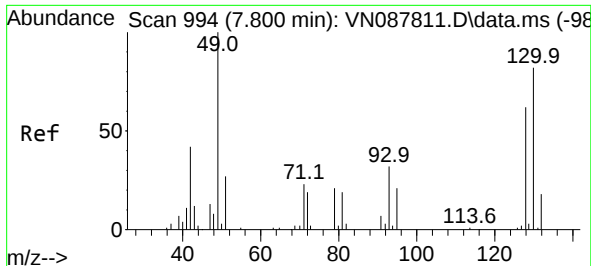
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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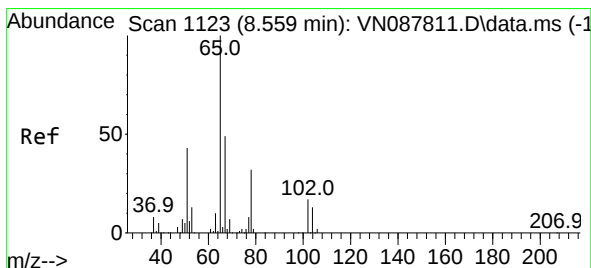
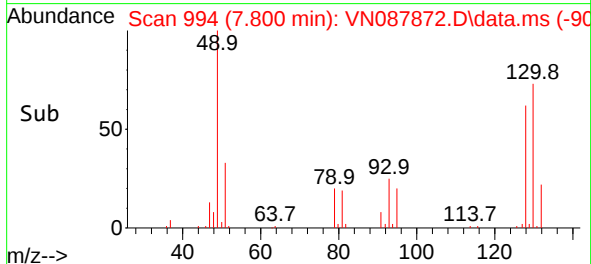
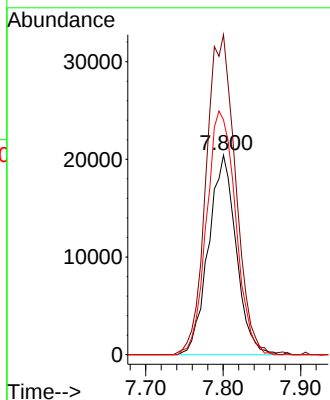
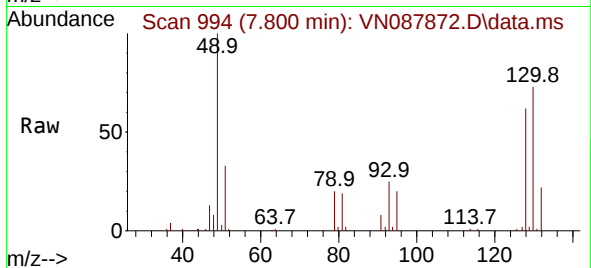




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087872.D
Acq: 17 Sep 2025 12:03

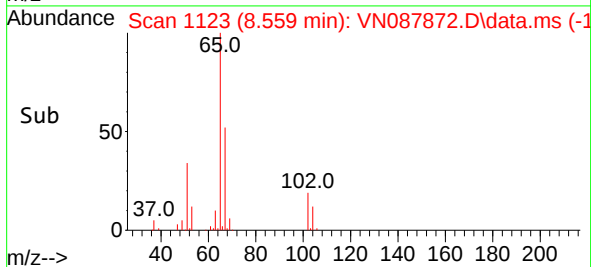
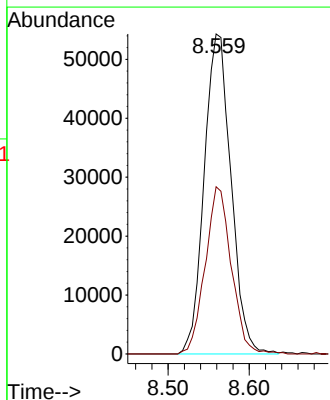
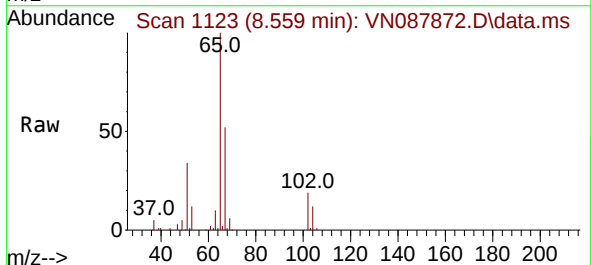
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBL01

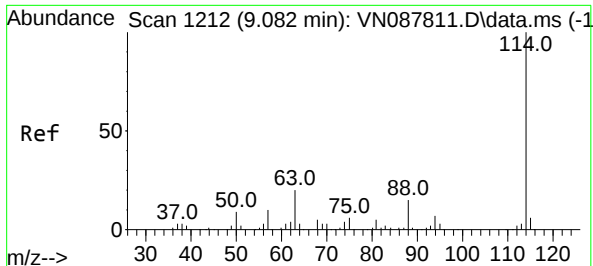
Tgt Ion:128 Resp: 50672
Ion Ratio Lower Upper
128 100
49 170.0 0.0 464.3
130 128.5 0.0 300.5



#27
1,2-Dichloroethane-d4
Concen: 28.825 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087872.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 65 Resp: 124770
Ion Ratio Lower Upper
65 100
67 50.9 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087872.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBL01

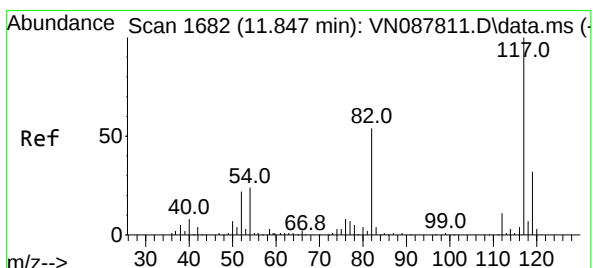
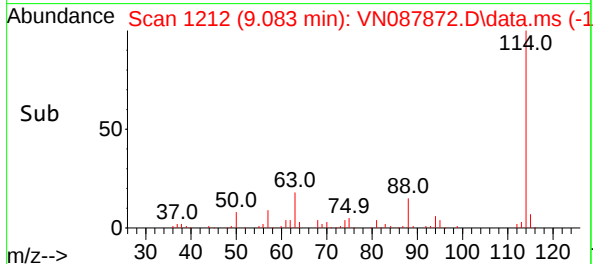
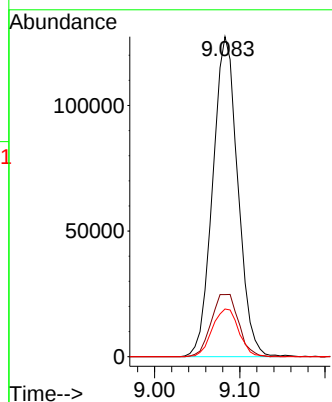
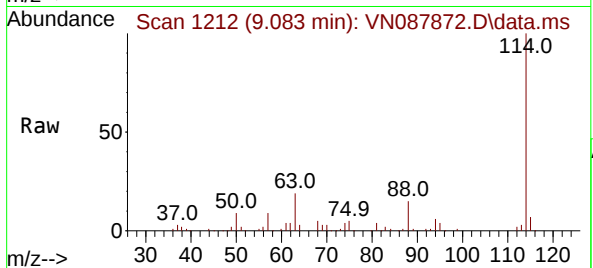
Tgt Ion:114 Resp: 260263

Ion Ratio Lower Upper

114 100

63 21.1 18.3 27.5

88 15.7 12.4 18.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VN087872.D

Acq: 17 Sep 2025 12:03

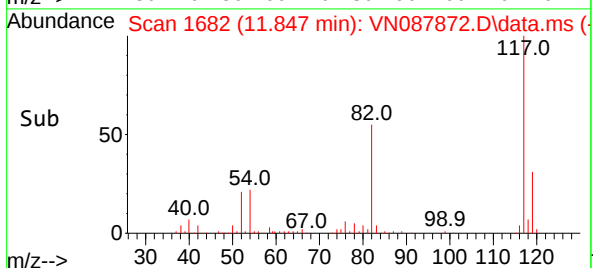
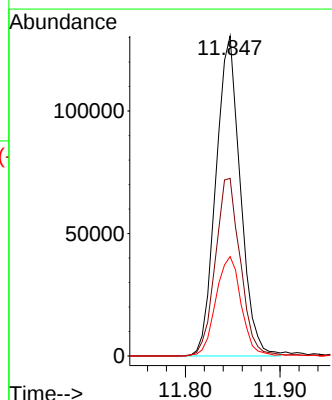
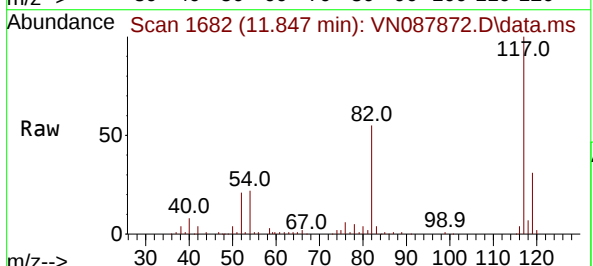
Tgt Ion:117 Resp: 234698

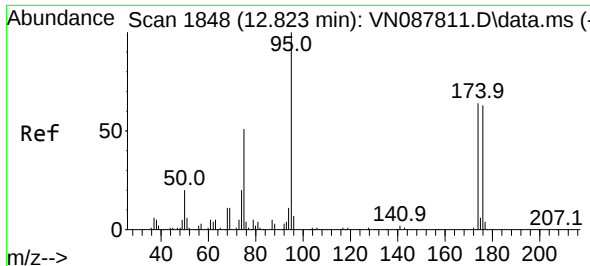
Ion Ratio Lower Upper

117 100

82 56.6 45.9 68.9

119 32.0 25.3 37.9

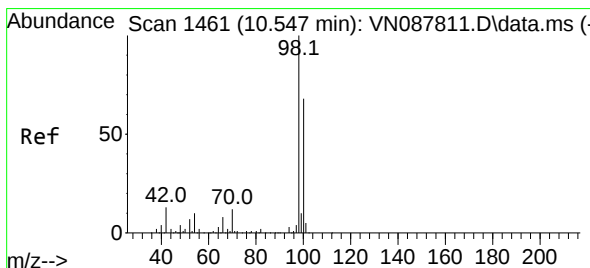
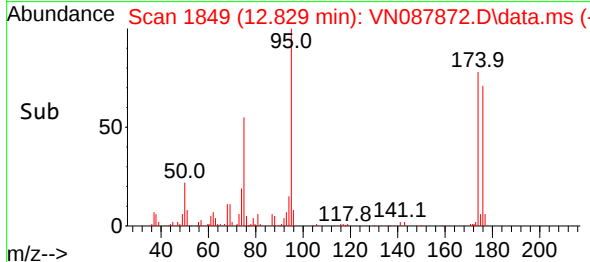
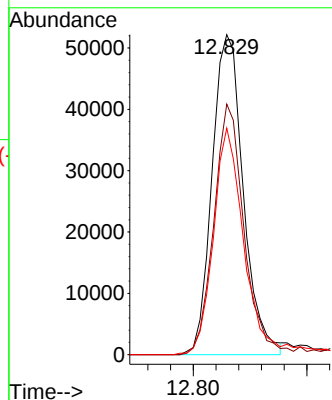
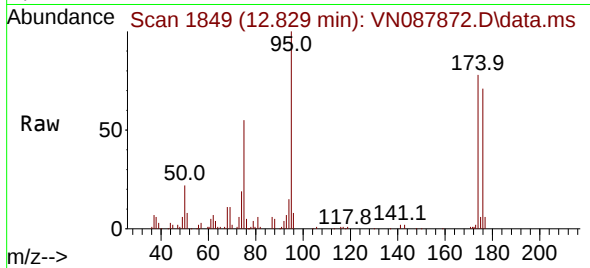




#60
4-Bromofluorobenzene
Concen: 26.390 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN087872.D
Acq: 17 Sep 2025 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBL01

Tgt Ion: 95 Resp: 99589
Ion Ratio Lower Upper
95 100
174 75.3 55.4 83.0
176 70.4 51.5 77.3



#63
Toluene-d8
Concen: 28.898 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087872.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 98 Resp: 315410
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

