

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088059.D
 Acq On : 17 Oct 2025 11:32
 Operator : JC\MD
 Sample : Q3361-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Trip blank 251015076-04

Quant Time: Oct 18 01:27:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	35289	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	197802	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	171281	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	88833	32.328	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.767%
60) 4-Bromofluorobenzene	12.829	95	81706	28.936	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.467%
63) Toluene-d8	10.547	98	237829	31.165	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.867%

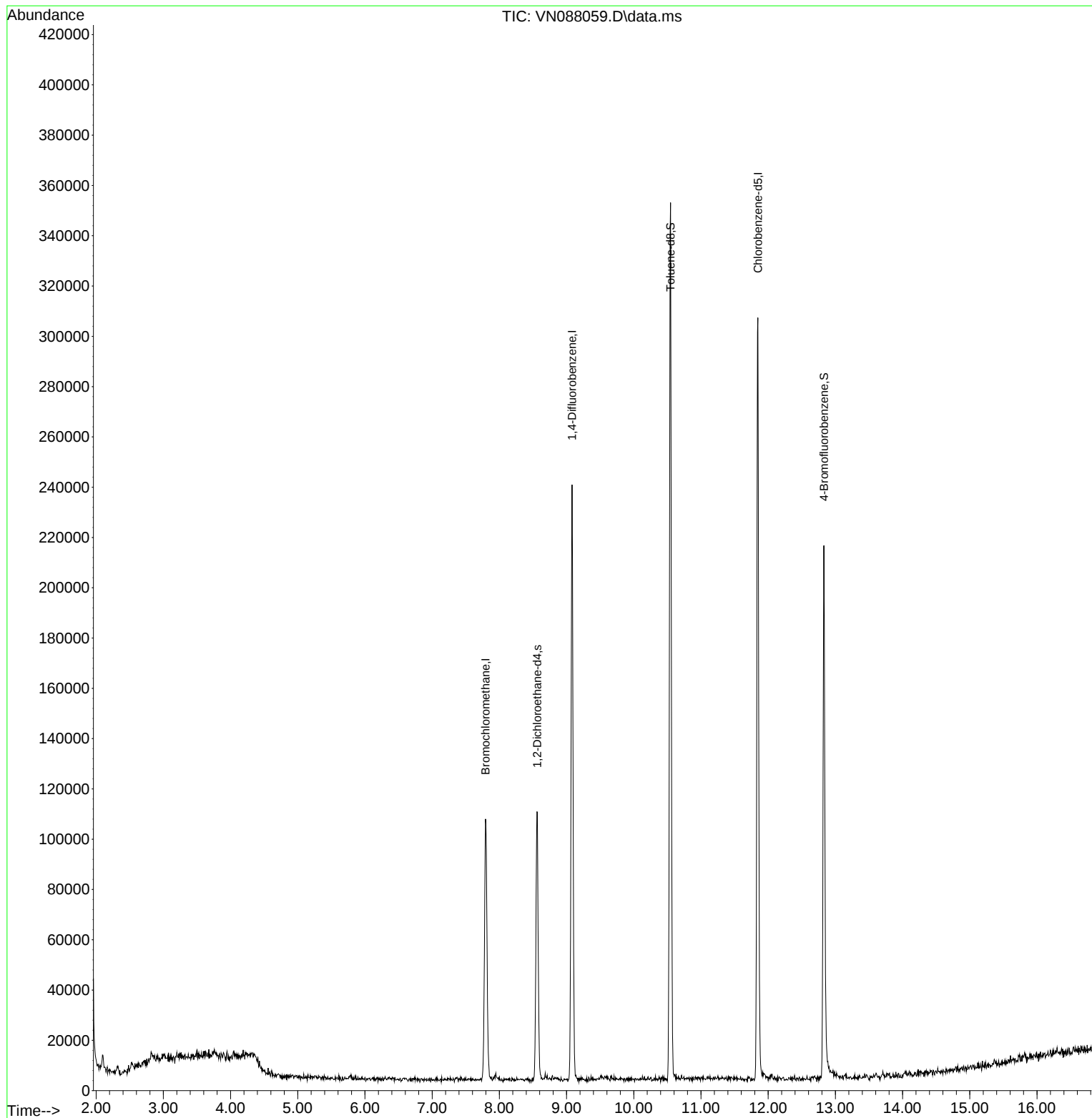
Target Compounds	Qvalue

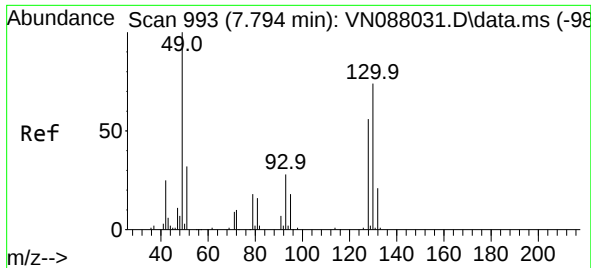
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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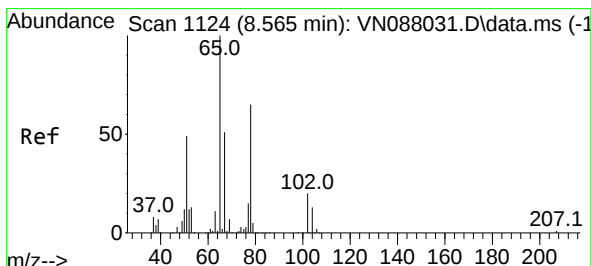
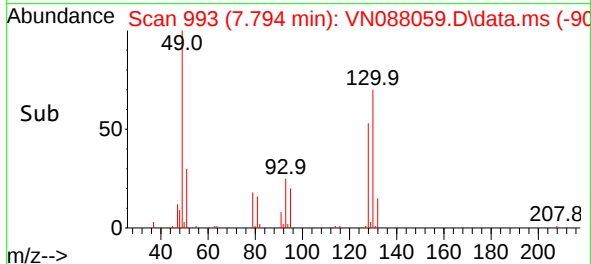
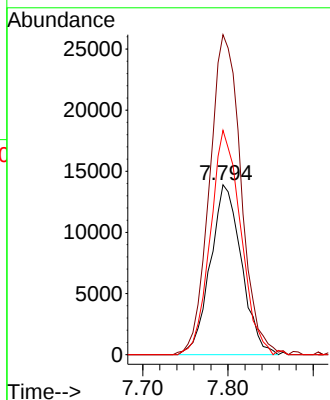
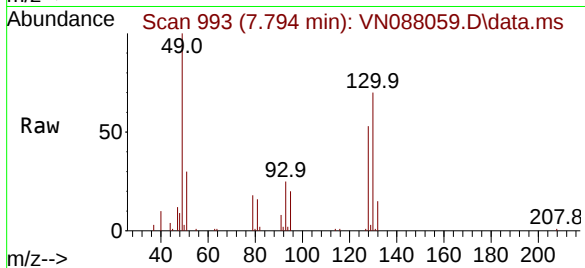




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088059.D
Acq: 17 Oct 2025 11:32

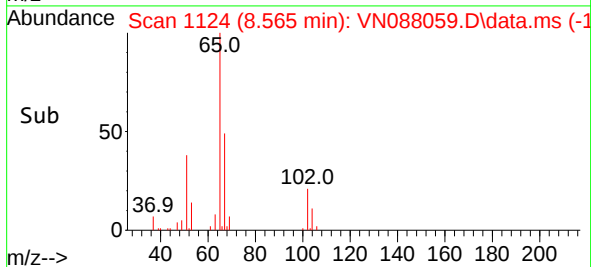
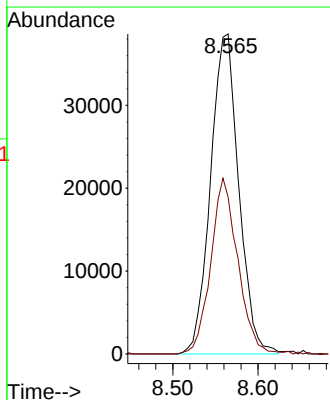
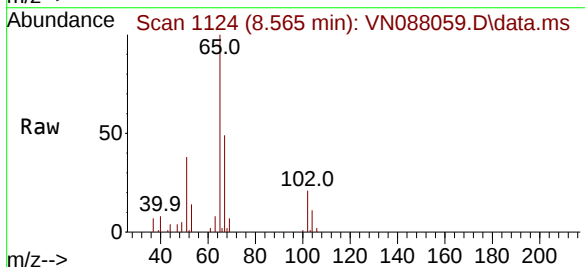
Instrument :
MSVOA_N
ClientSampleId :
Trip blank 251015076-04

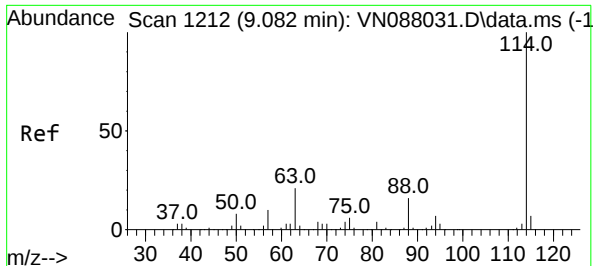
Tgt Ion:128 Resp: 35289
Ion Ratio Lower Upper
128 100
49 190.6 0.0 439.8
130 129.1 0.0 325.8



#27
1,2-Dichloroethane-d4
Concen: 32.328 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088059.D
Acq: 17 Oct 2025 11:32

Tgt Ion: 65 Resp: 88833
Ion Ratio Lower Upper
65 100
67 52.6 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088059.D

Acq: 17 Oct 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

Trip blank 251015076-04

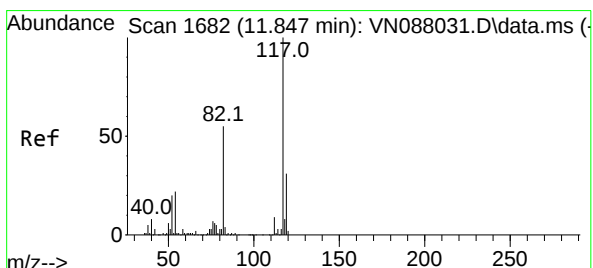
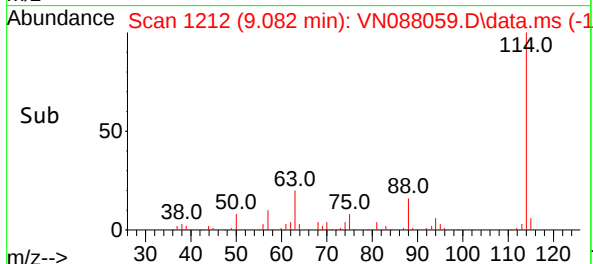
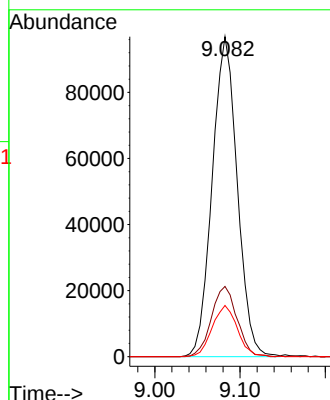
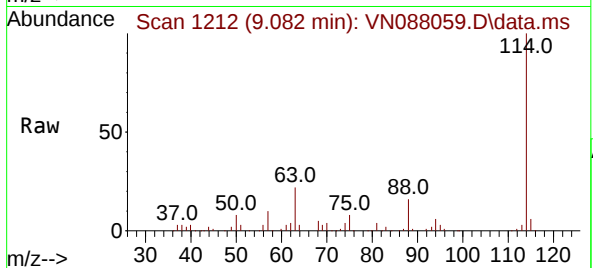
Tgt Ion:114 Resp: 197802

Ion Ratio Lower Upper

114 100

63 22.4 16.6 25.0

88 16.1 12.6 18.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VN088059.D

Acq: 17 Oct 2025 11:32

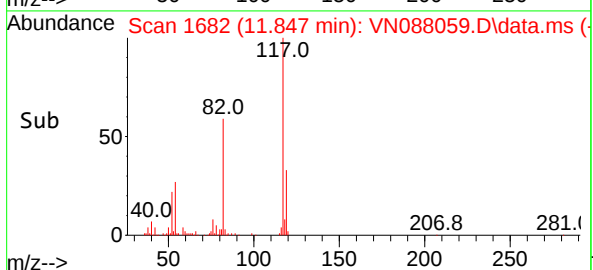
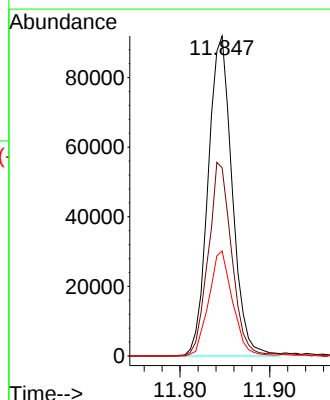
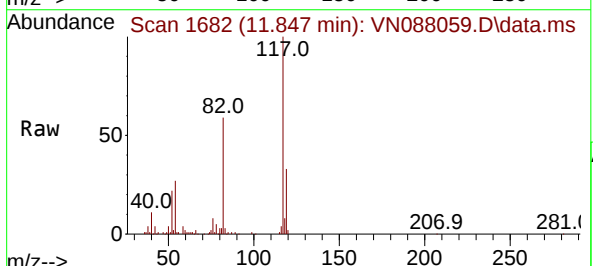
Tgt Ion:117 Resp: 171281

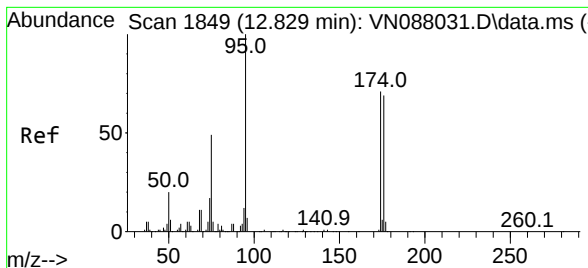
Ion Ratio Lower Upper

117 100

82 59.3 45.2 67.8

119 32.4 25.9 38.9

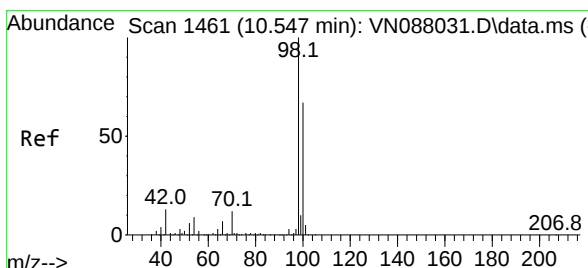
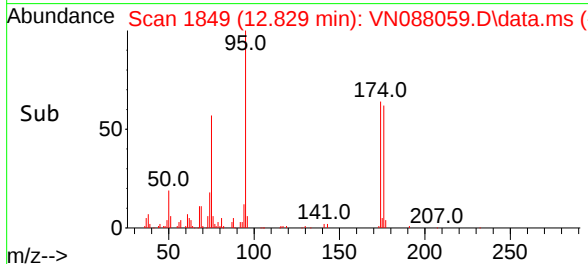
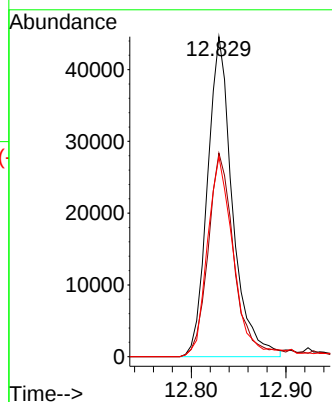
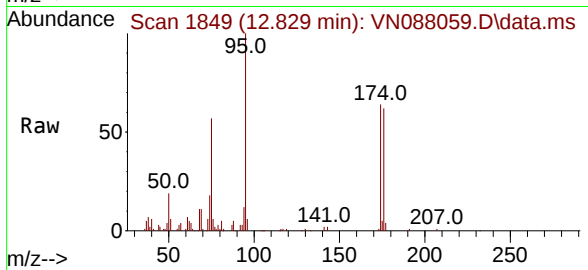




#60
4-Bromofluorobenzene
Concen: 28.936 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088059.D
Acq: 17 Oct 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
Trip blank 251015076-04

Tgt Ion: 95 Resp: 81706
Ion Ratio Lower Upper
95 100
174 64.9 57.4 86.0
176 65.3 57.0 85.4



#63
Toluene-d8
Concen: 31.165 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088059.D
Acq: 17 Oct 2025 11:32

Tgt Ion: 98 Resp: 237829
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

