

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087606.D
 Acq On : 20 Aug 2025 10:39
 Operator : JC\MD
 Sample : VN0820WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

Quant Time: Aug 21 02:40:59 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	50156	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	275670	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	241360	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	135822	29.360	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.867%
60) 4-Bromofluorobenzene	12.829	95	113742	27.384	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.267%
63) Toluene-d8	10.547	98	333295	30.012	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.033%

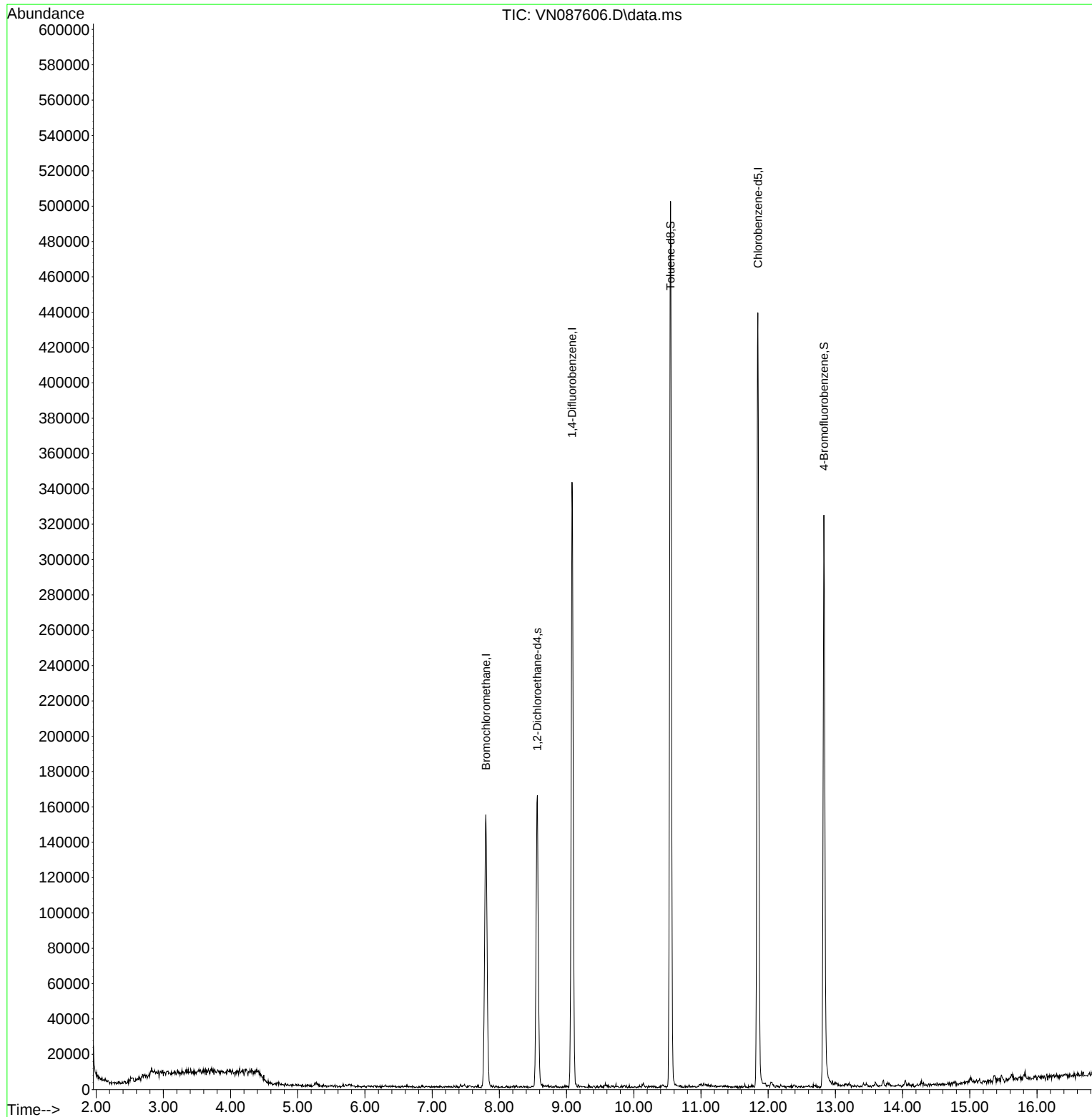
Target Compounds	Qvalue

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

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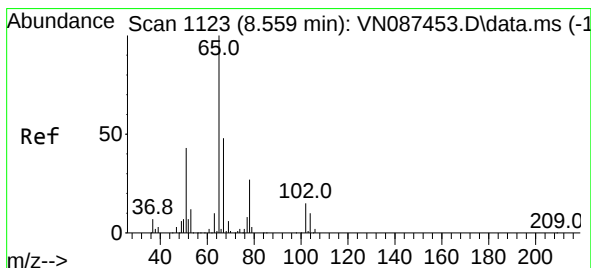
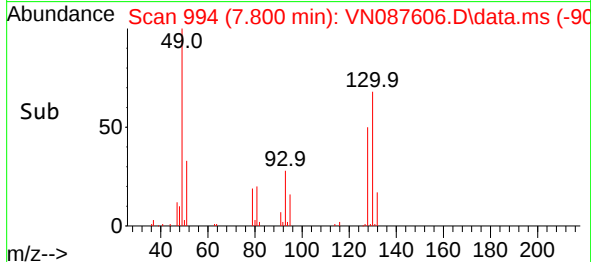
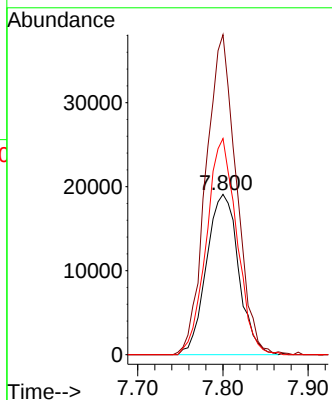
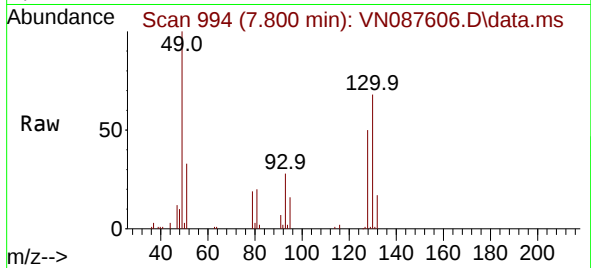




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

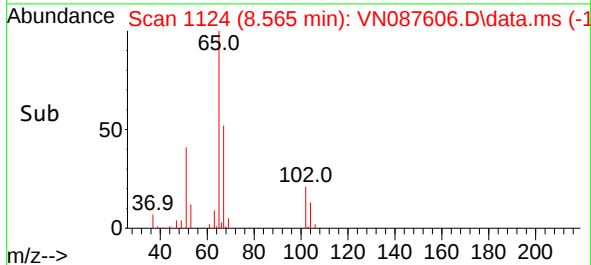
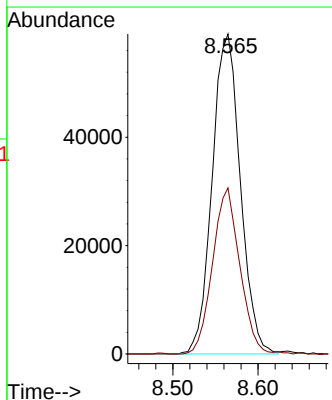
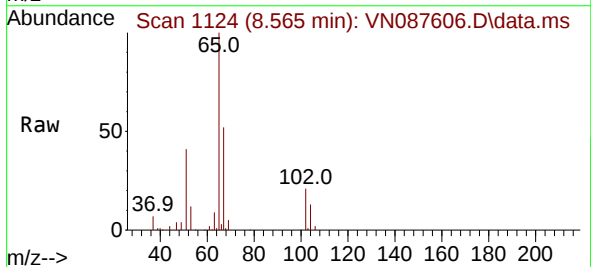
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

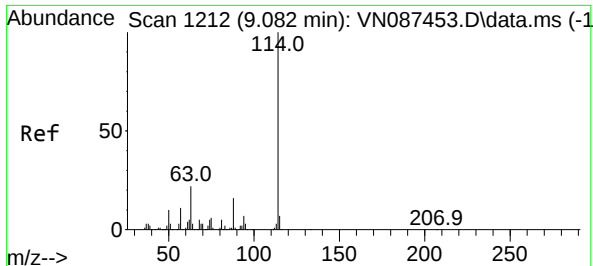
Tgt Ion:128 Resp: 50156
Ion Ratio Lower Upper
128 100
49 187.7 0.0 494.8
130 127.2 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 29.360 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Tgt Ion: 65 Resp: 135822
Ion Ratio Lower Upper
65 100
67 49.9 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087606.D

Acq: 20 Aug 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBL01

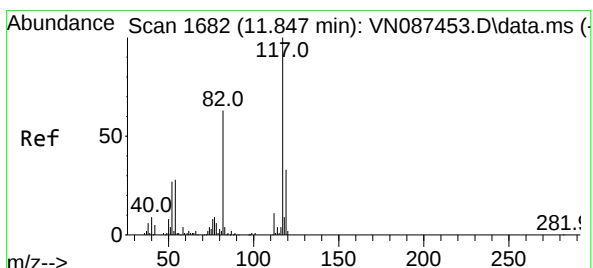
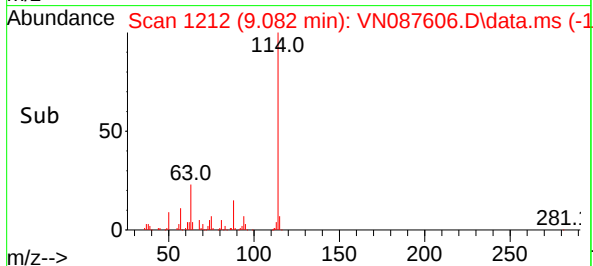
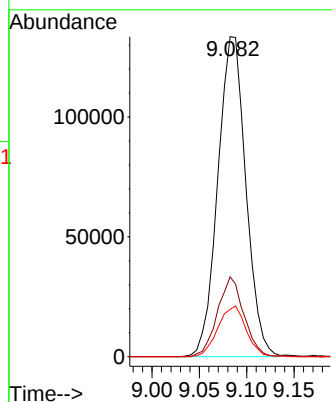
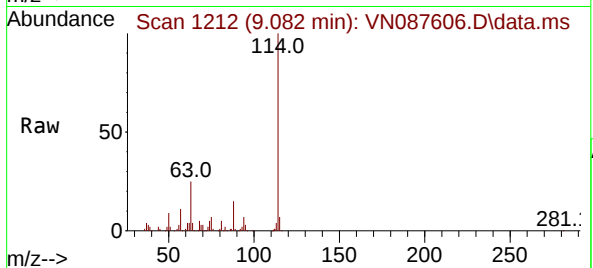
Tgt Ion:114 Resp: 275670

Ion Ratio Lower Upper

114 100

63 23.4 18.9 28.3

88 15.9 13.1 19.7



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VN087606.D

Acq: 20 Aug 2025 10:39

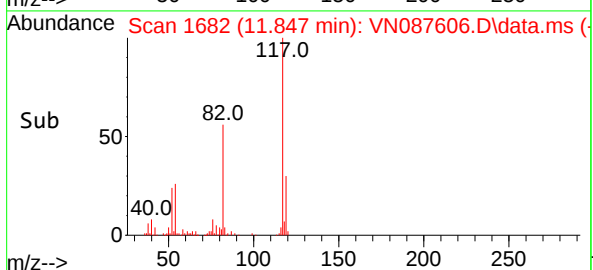
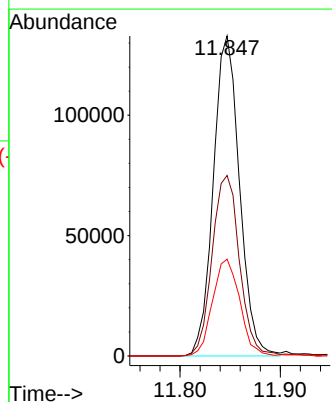
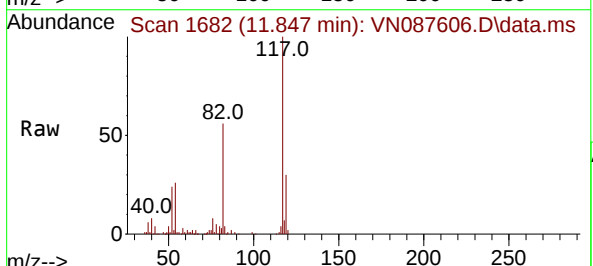
Tgt Ion:117 Resp: 241360

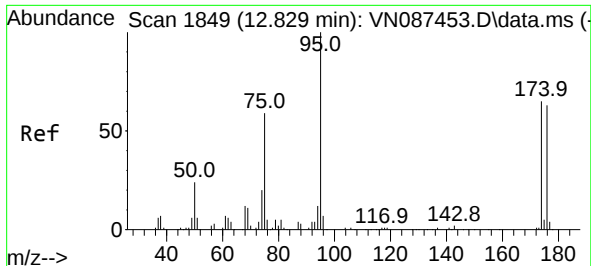
Ion Ratio Lower Upper

117 100

82 58.8 49.2 73.8

119 31.4 25.7 38.5

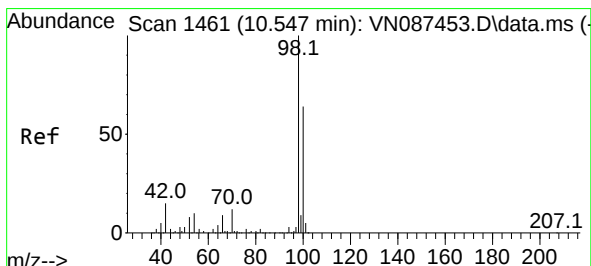
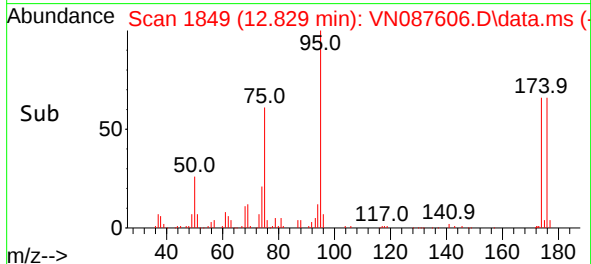
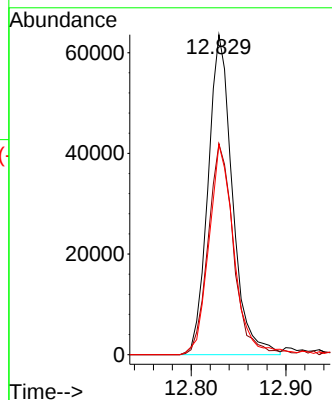
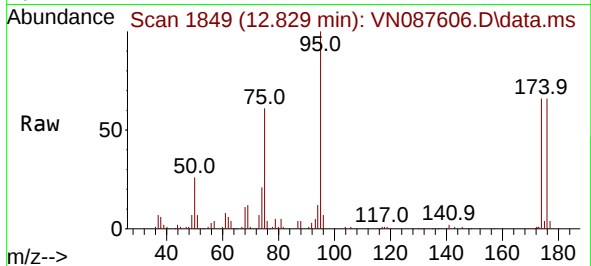




#60
4-Bromofluorobenzene
Concen: 27.384 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Instrument :
MSVOA_N
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Tgt Ion: 95 Resp: 113742
Ion Ratio Lower Upper
95 100
174 68.1 52.3 78.5
176 67.4 49.8 74.8



#63
Toluene-d8
Concen: 30.012 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087606.D
Acq: 20 Aug 2025 10:39

Tgt Ion: 98 Resp: 333295
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7

