

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087309.D
 Acq On : 09 Jul 2025 12:56
 Operator : JC\MD
 Sample : VN0709WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

Quant Time: Jul 10 01:25:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	41807	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	215919	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	195049	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	89056	28.272	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.233%
60) 4-Bromofluorobenzene	12.847	95	82343	27.358	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.200%
63) Toluene-d8	10.565	98	251523	28.720	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.733%

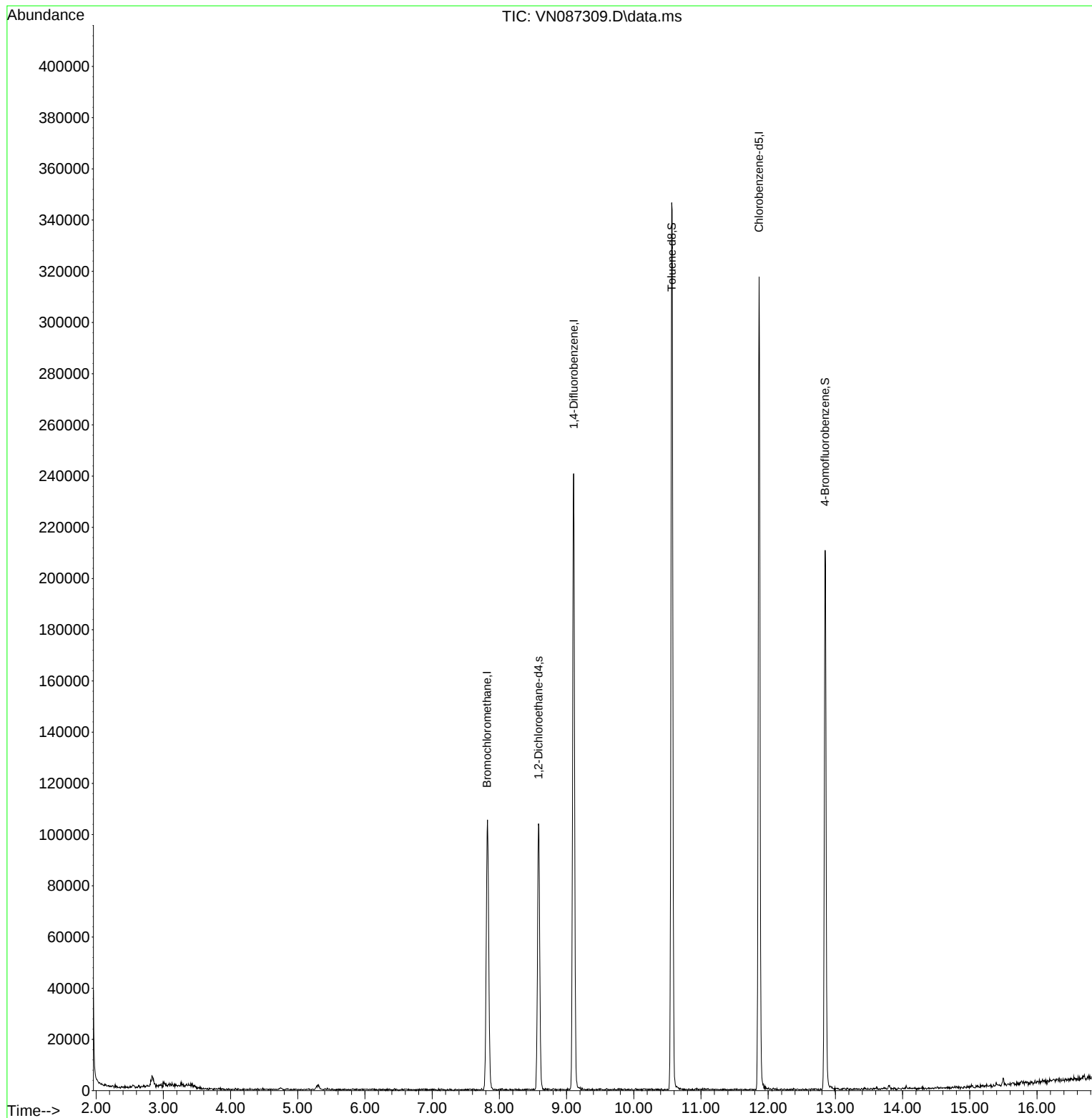
Target Compounds	Qvalue

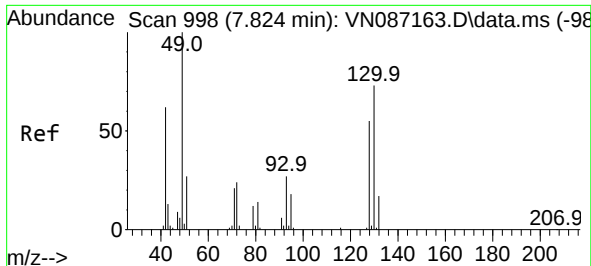
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
Data File : VN087309.D
Acq On : 09 Jul 2025 12:56
Operator : JC\MD
Sample : VN0709WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

Quant Time: Jul 10 01:25:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

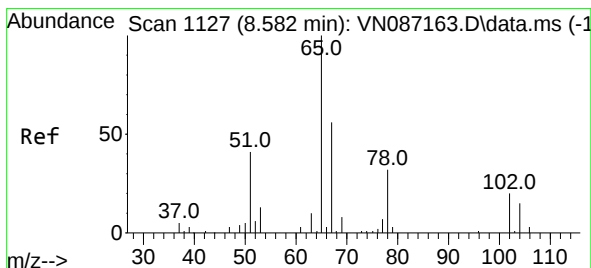
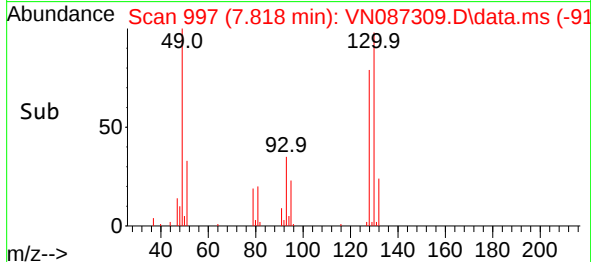
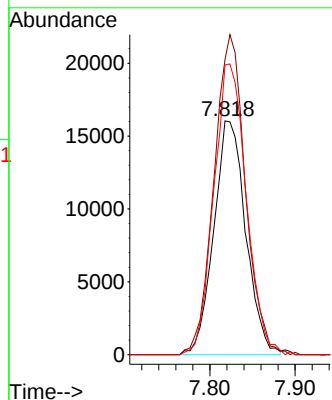
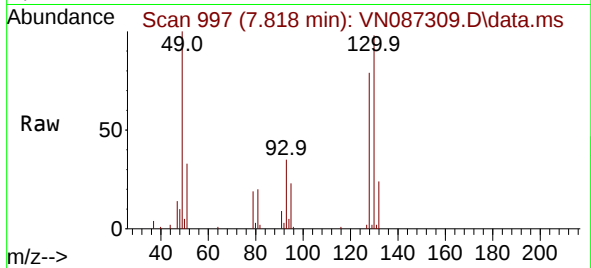




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN087309.D
Acq: 09 Jul 2025 12:56

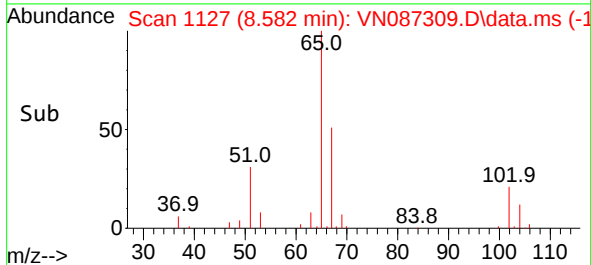
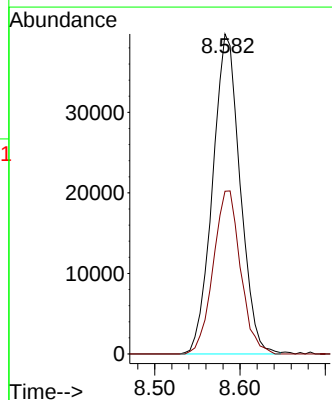
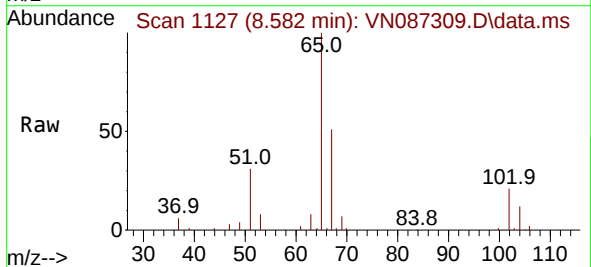
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

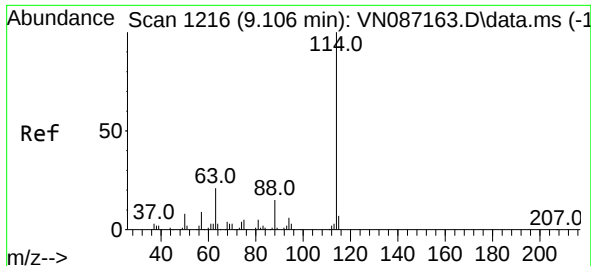
Tgt Ion:128 Resp: 41807
Ion Ratio Lower Upper
128 100
49 134.5 0.0 450.5
130 126.5 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 28.272 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087309.D
Acq: 09 Jul 2025 12:56

Tgt Ion: 65 Resp: 89056
Ion Ratio Lower Upper
65 100
67 50.6 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087309.D

Acq: 09 Jul 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL01

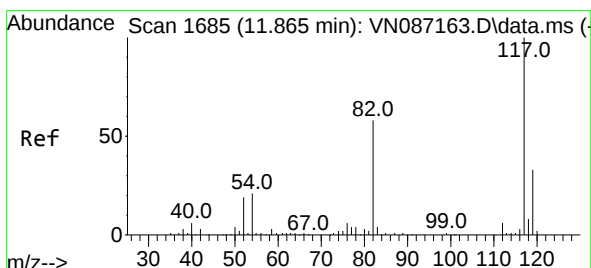
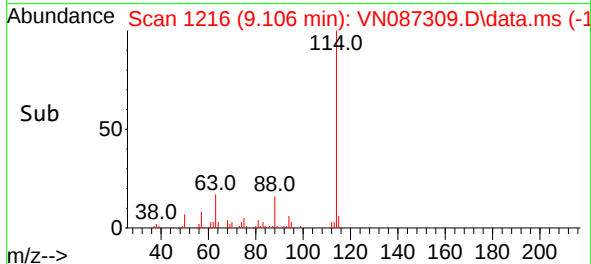
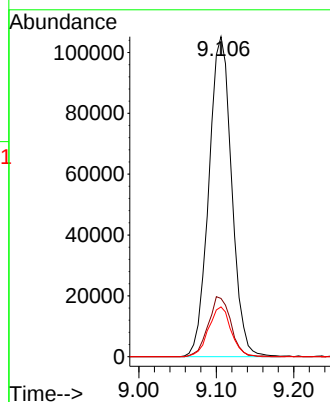
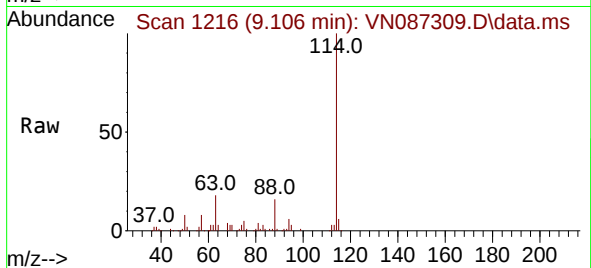
Tgt Ion:114 Resp: 215919

Ion Ratio Lower Upper

114 100

63 18.5 17.0 25.4

88 15.4 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: VN087309.D

Acq: 09 Jul 2025 12:56

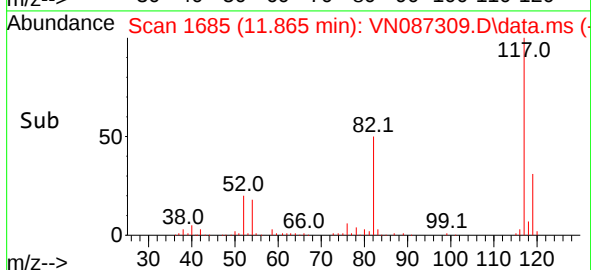
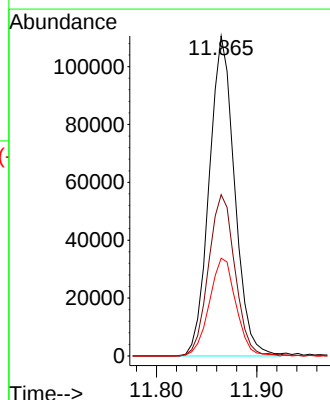
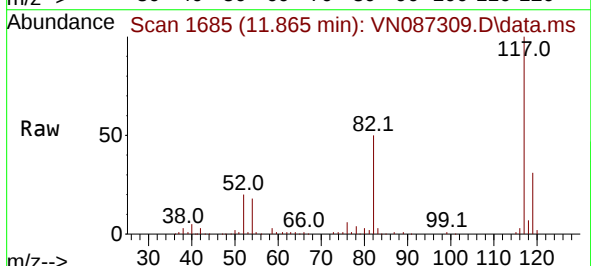
Tgt Ion:117 Resp: 195049

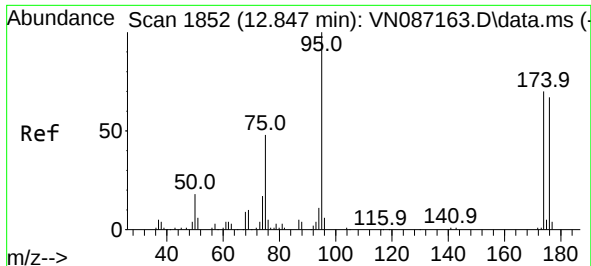
Ion Ratio Lower Upper

117 100

82 52.4 45.4 68.2

119 31.8 26.2 39.4

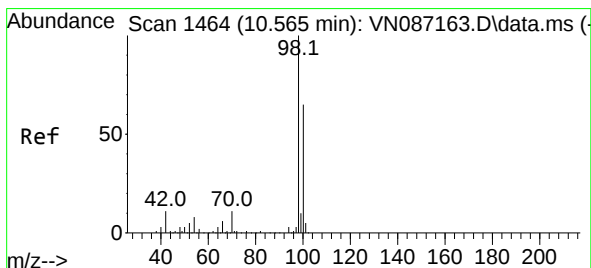
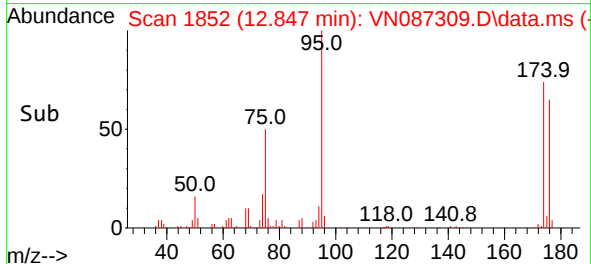
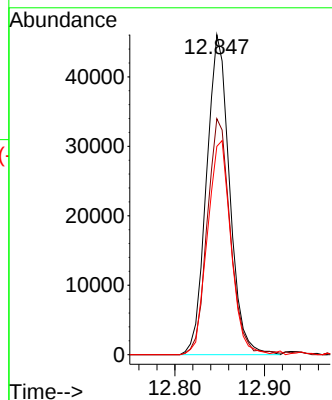
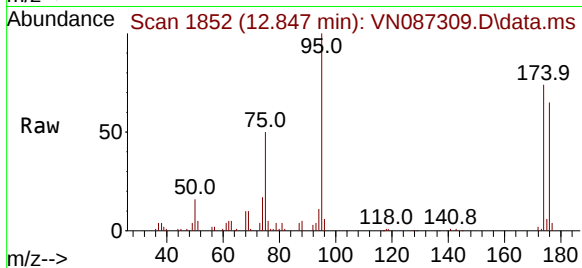




#60
4-Bromofluorobenzene
Concen: 27.358 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087309.D
Acq: 09 Jul 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

Tgt Ion: 95 Resp: 82343
Ion Ratio Lower Upper
95 100
174 73.2 54.5 81.7
176 68.1 51.9 77.9



#63
Toluene-d8
Concen: 28.720 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087309.D
Acq: 09 Jul 2025 12:56

Tgt Ion: 98 Resp: 251523
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

