

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111425\
 Data File : VN088288.D
 Acq On : 14 Nov 2025 11:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 14 21:49:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	55250	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	269348	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	233789	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	140158	27.772	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.567%
60) 4-Bromofluorobenzene	12.829	95	102157	25.849	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.167%
63) Toluene-d8	10.547	98	333737	30.152	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%

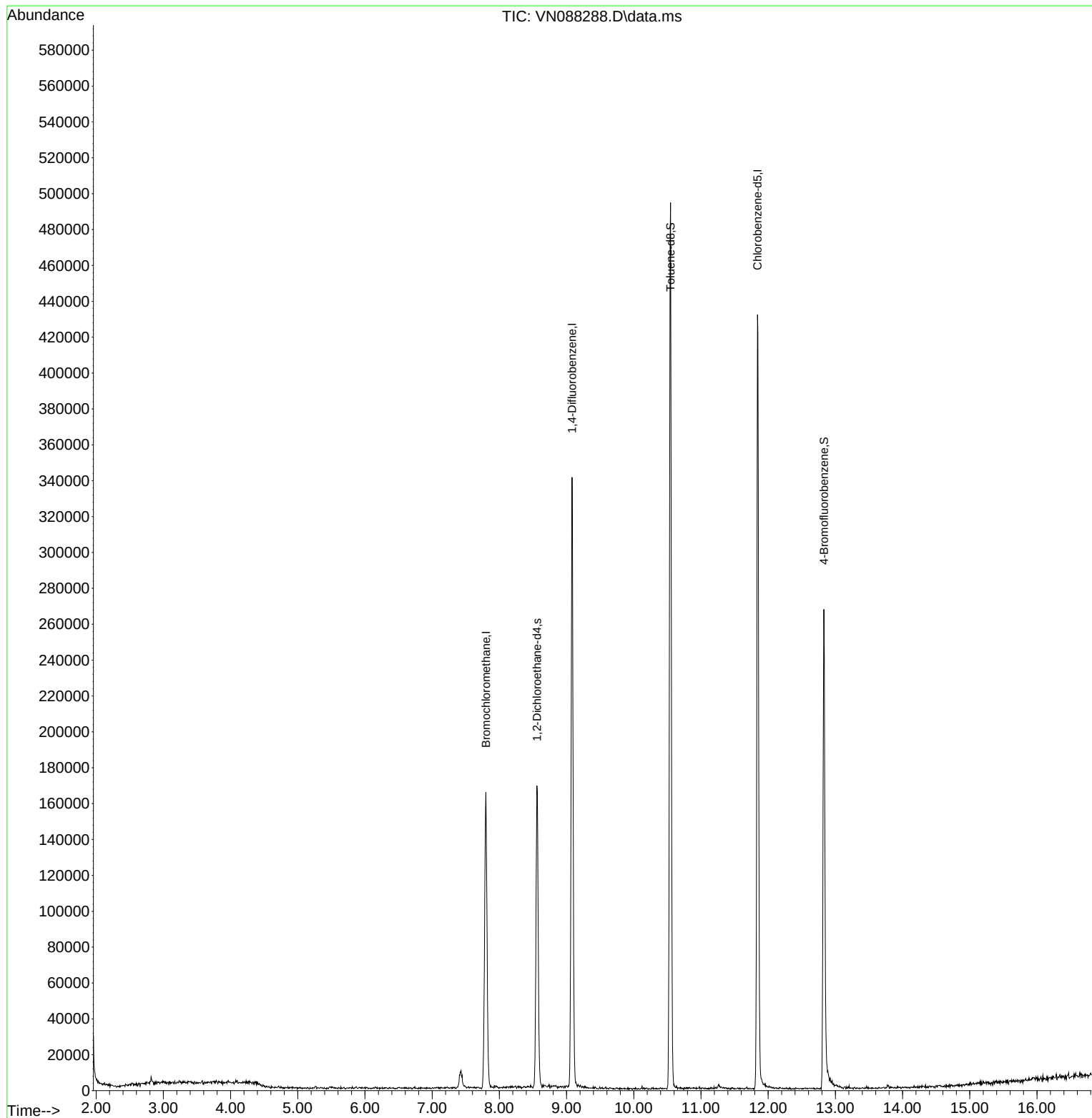
Target Compounds	Qvalue

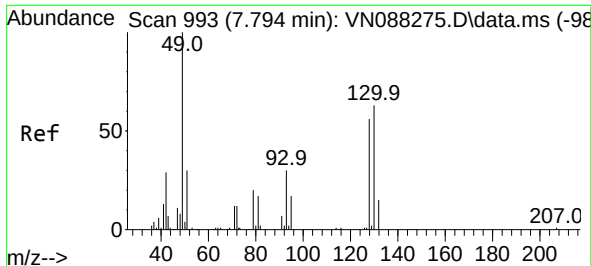
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111425\
Data File : VN088288.D
Acq On : 14 Nov 2025 11:54
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Nov 14 21:49:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 14 00:49:21 2025
Response via : Initial Calibration

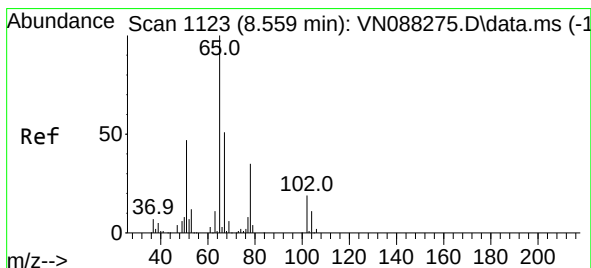
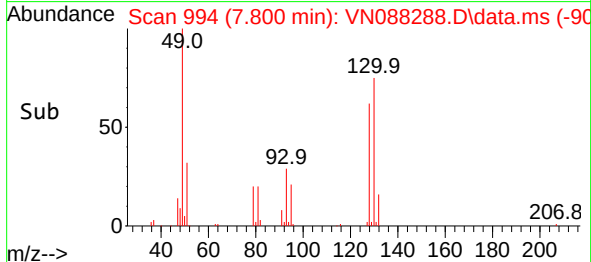
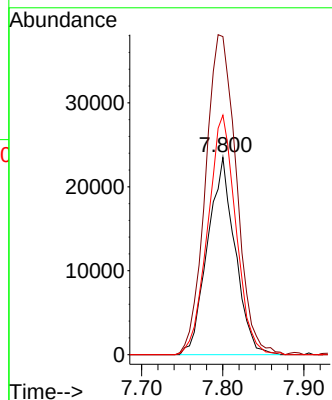
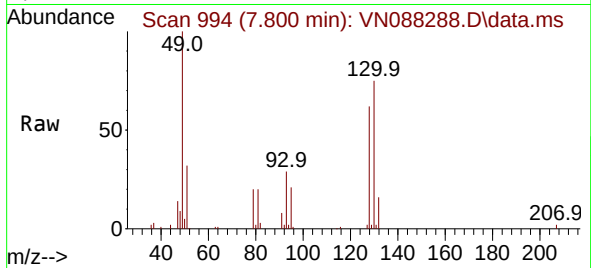




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088288.D
Acq: 14 Nov 2025 11:54

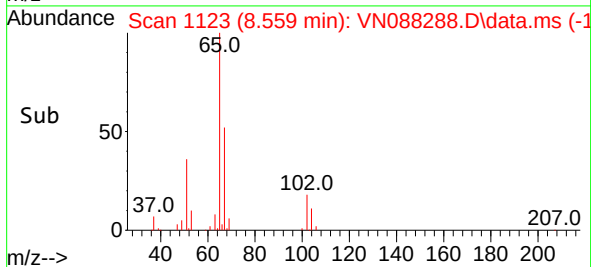
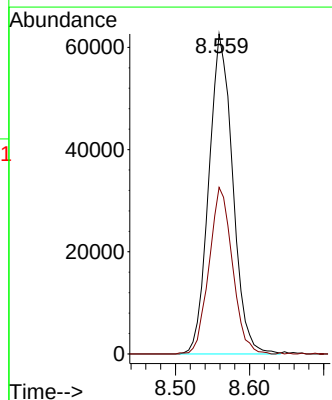
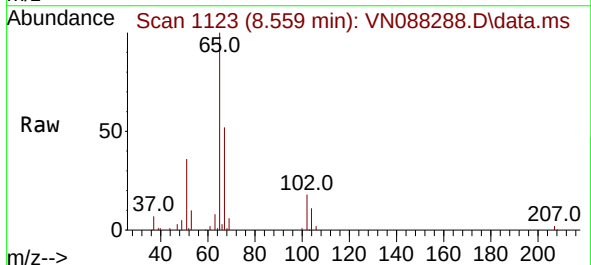
Instrument :
MSVOA_N
ClientSampleId :
IBLK

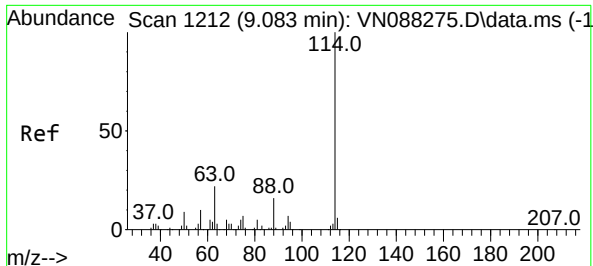
Tgt Ion:128 Resp: 55250
Ion Ratio Lower Upper
128 100
49 182.0 0.0 501.2
130 124.4 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 27.772 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088288.D
Acq: 14 Nov 2025 11:54

Tgt Ion: 65 Resp: 140158
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088288.D

Acq: 14 Nov 2025 11:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

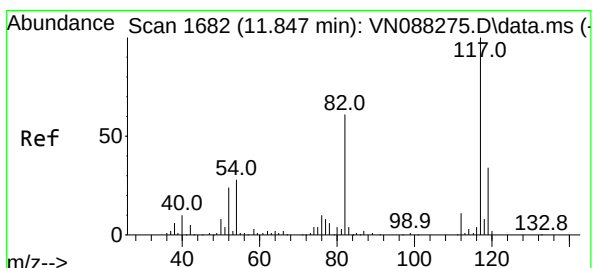
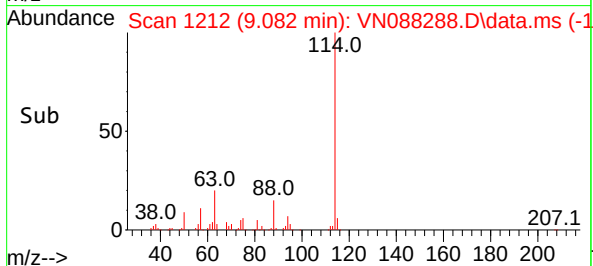
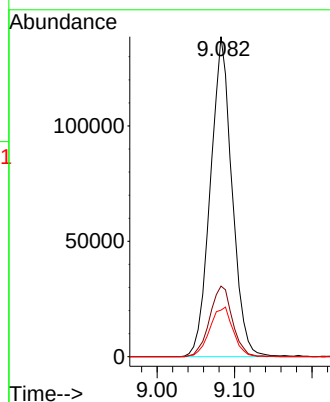
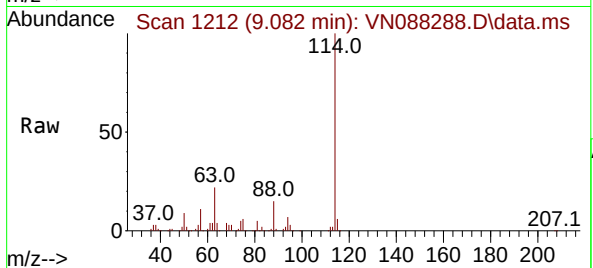
Tgt Ion:114 Resp: 269348

Ion Ratio Lower Upper

114 100

63 23.1 18.9 28.3

88 16.7 12.8 19.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN088288.D

Acq: 14 Nov 2025 11:54

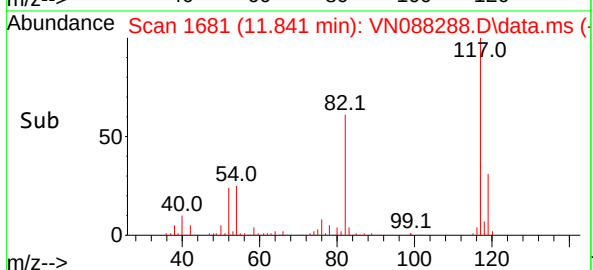
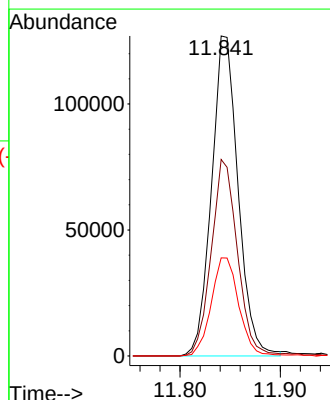
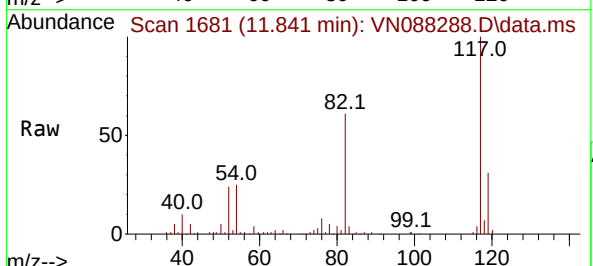
Tgt Ion:117 Resp: 233789

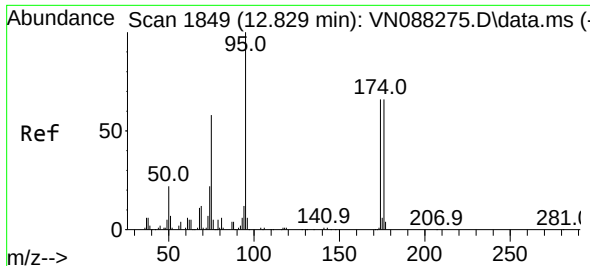
Ion Ratio Lower Upper

117 100

82 60.6 49.3 73.9

119 31.7 26.4 39.6

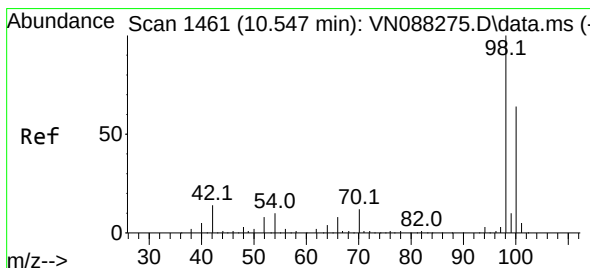
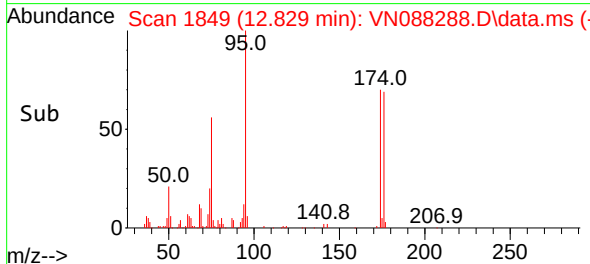
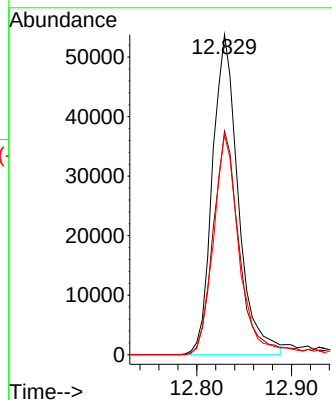
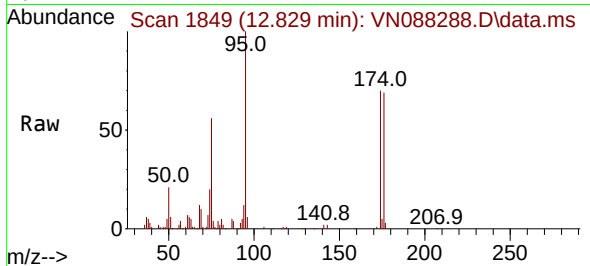




#60
4-Bromofluorobenzene
Concen: 25.849 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088288.D
Acq: 14 Nov 2025 11:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 102157
Ion Ratio Lower Upper
95 100
174 70.6 54.5 81.7
176 68.8 53.8 80.6



#63
Toluene-d8
Concen: 30.152 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088288.D
Acq: 14 Nov 2025 11:54

Tgt Ion: 98 Resp: 333737
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

