

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088066.D
 Acq On : 17 Oct 2025 14:58
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 18 01:29:48 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	48755	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	274454	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	233945	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	123089	32.422	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.067%
60) 4-Bromofluorobenzene	12.829	95	111837	28.998	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.667%
63) Toluene-d8	10.541	98	329215	31.585	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.267%

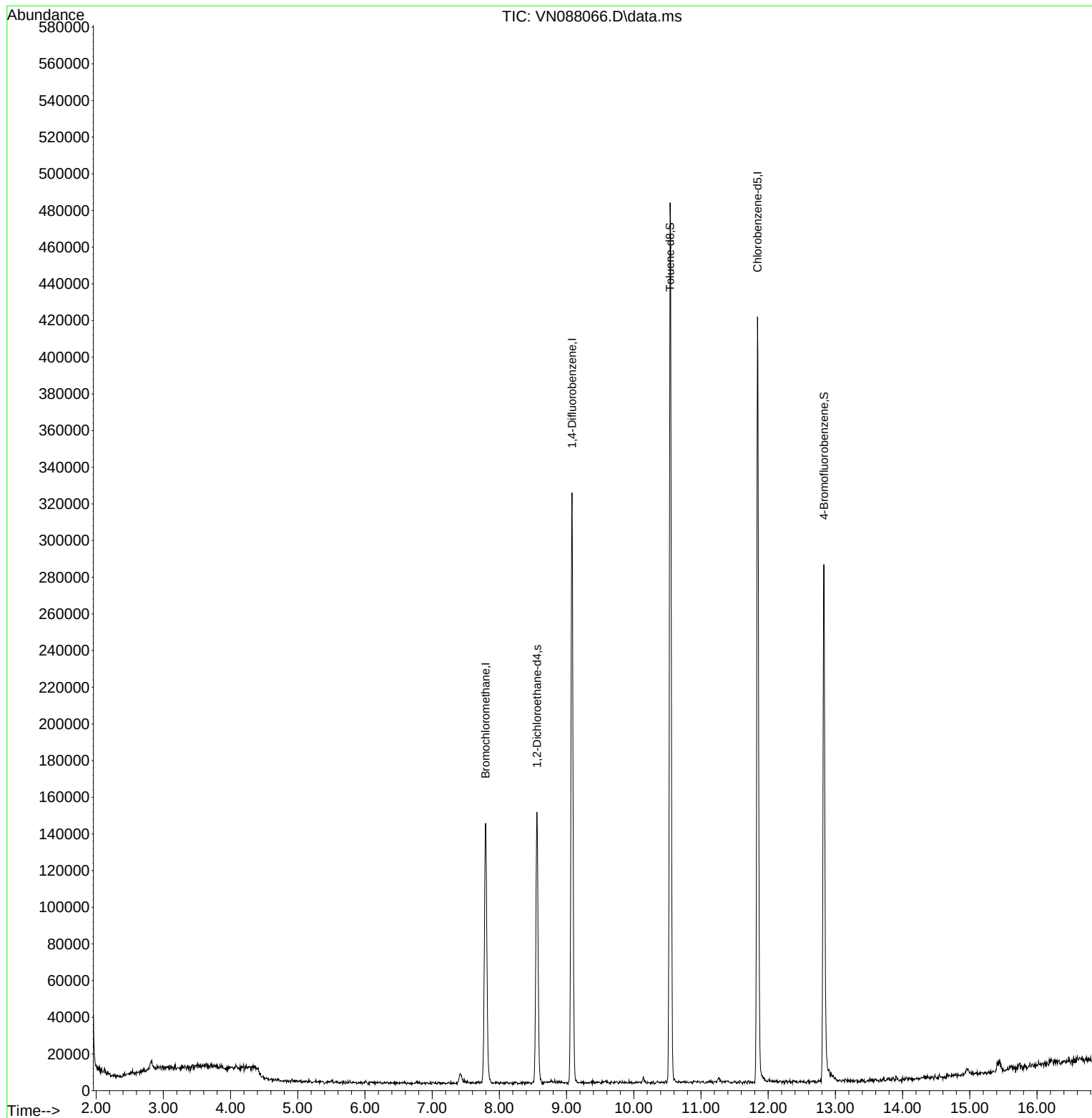
Target Compounds	Qvalue

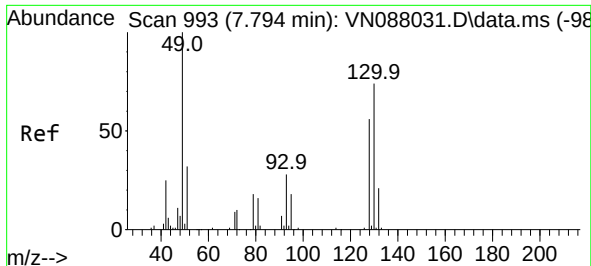
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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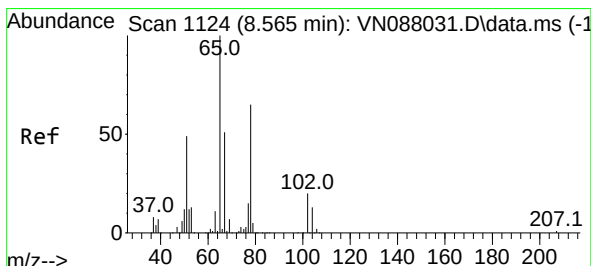
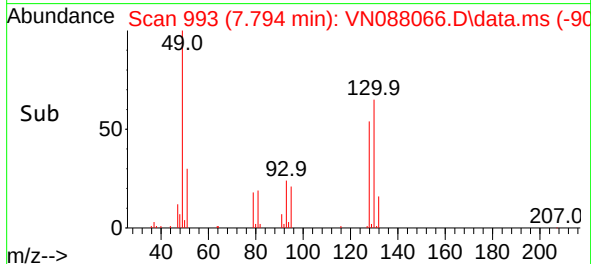
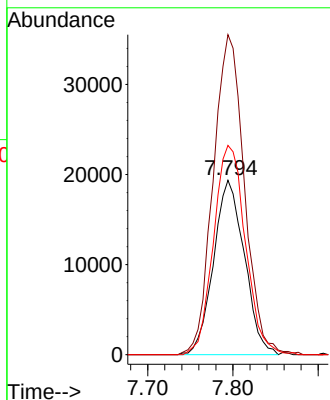
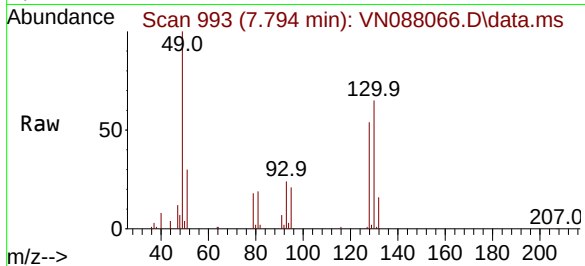




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088066.D
Acq: 17 Oct 2025 14:58

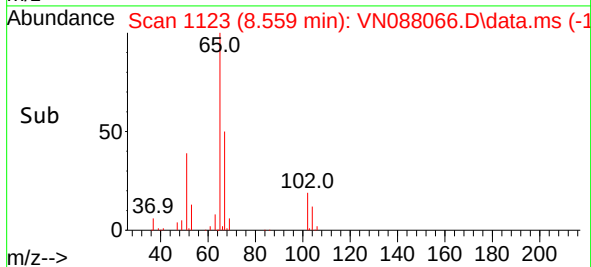
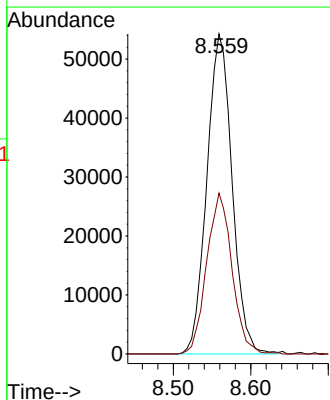
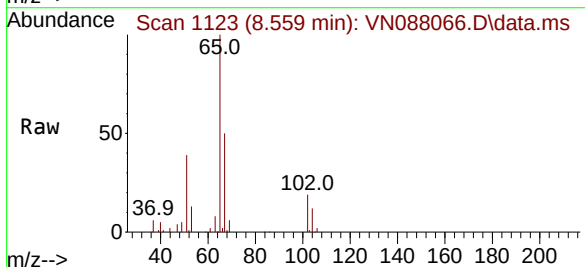
Instrument :
MSVOA_N
ClientSampleId :
IBLK

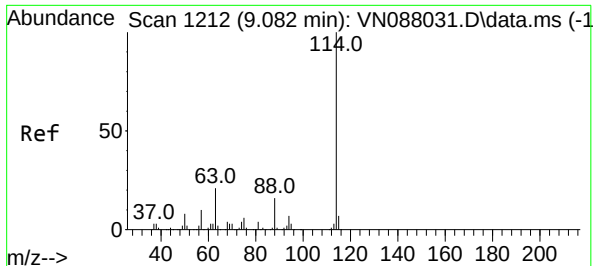
Tgt Ion:128 Resp: 48755
Ion Ratio Lower Upper
128 100
49 185.2 0.0 439.8
130 123.9 0.0 325.8



#27
1,2-Dichloroethane-d4
Concen: 32.422 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088066.D
Acq: 17 Oct 2025 14:58

Tgt Ion: 65 Resp: 123089
Ion Ratio Lower Upper
65 100
67 50.2 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088066.D

Acq: 17 Oct 2025 14:58

Instrument :

MSVOA_N

ClientSampleId :

IBLK

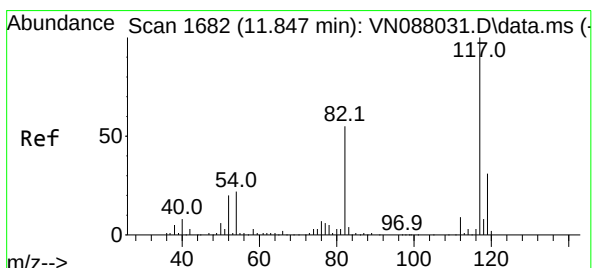
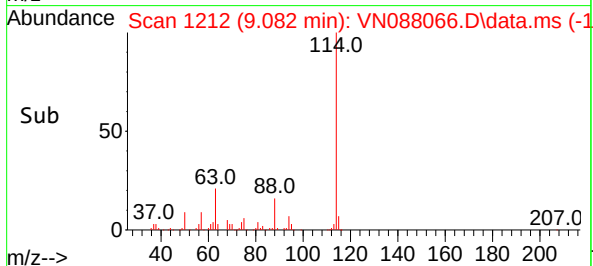
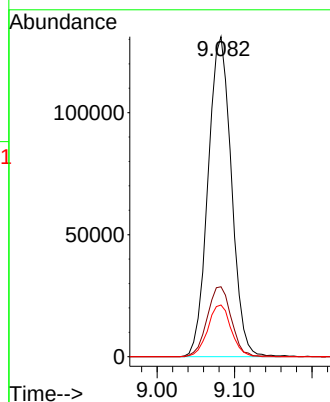
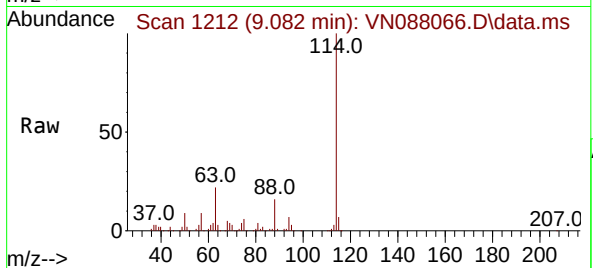
Tgt Ion:114 Resp: 274454

Ion Ratio Lower Upper

114 100

63 22.4 16.6 25.0

88 16.2 12.6 18.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN088066.D

Acq: 17 Oct 2025 14:58

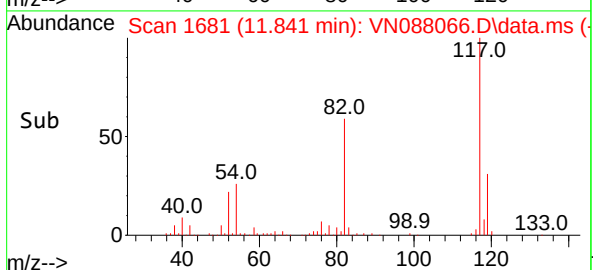
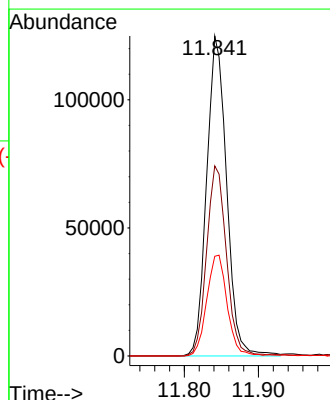
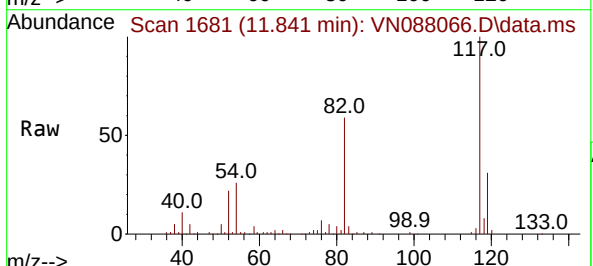
Tgt Ion:117 Resp: 233945

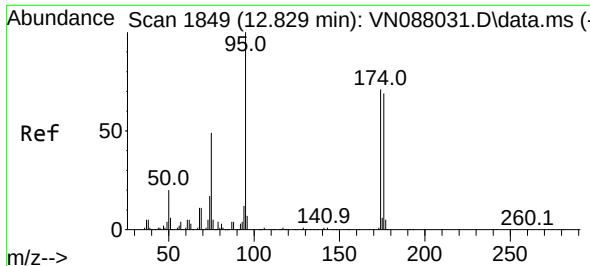
Ion Ratio Lower Upper

117 100

82 59.0 45.2 67.8

119 32.1 25.9 38.9

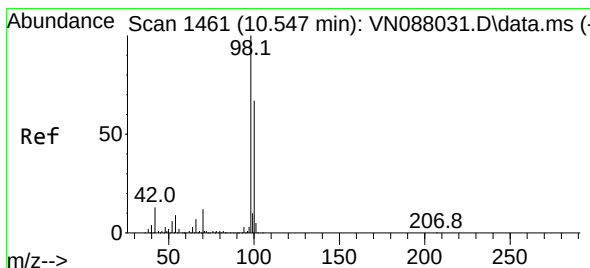
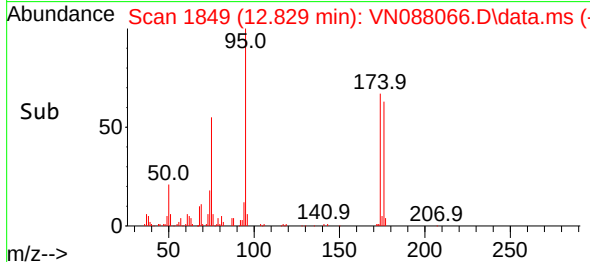
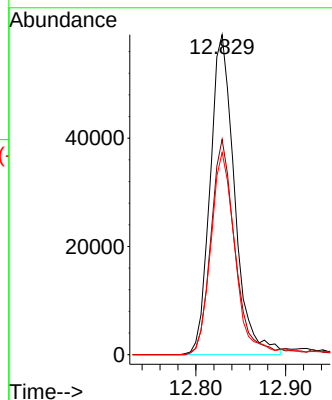
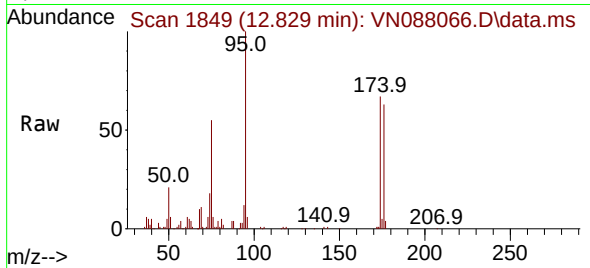




#60
4-Bromofluorobenzene
Concen: 28.998 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088066.D
Acq: 17 Oct 2025 14:58

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 111837
Ion Ratio Lower Upper
95 100
174 67.0 57.4 86.0
176 62.3 57.0 85.4



#63
Toluene-d8
Concen: 31.585 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088066.D
Acq: 17 Oct 2025 14:58

Tgt Ion: 98 Resp: 329215
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

