

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087881.D
 Acq On : 17 Sep 2025 15:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 18 03:13:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	51168	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	258656	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	232850	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	122610	28.051	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.500%
60) 4-Bromofluorobenzene	12.829	95	105313	28.128	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.767%
63) Toluene-d8	10.547	98	306407	28.296	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.333%

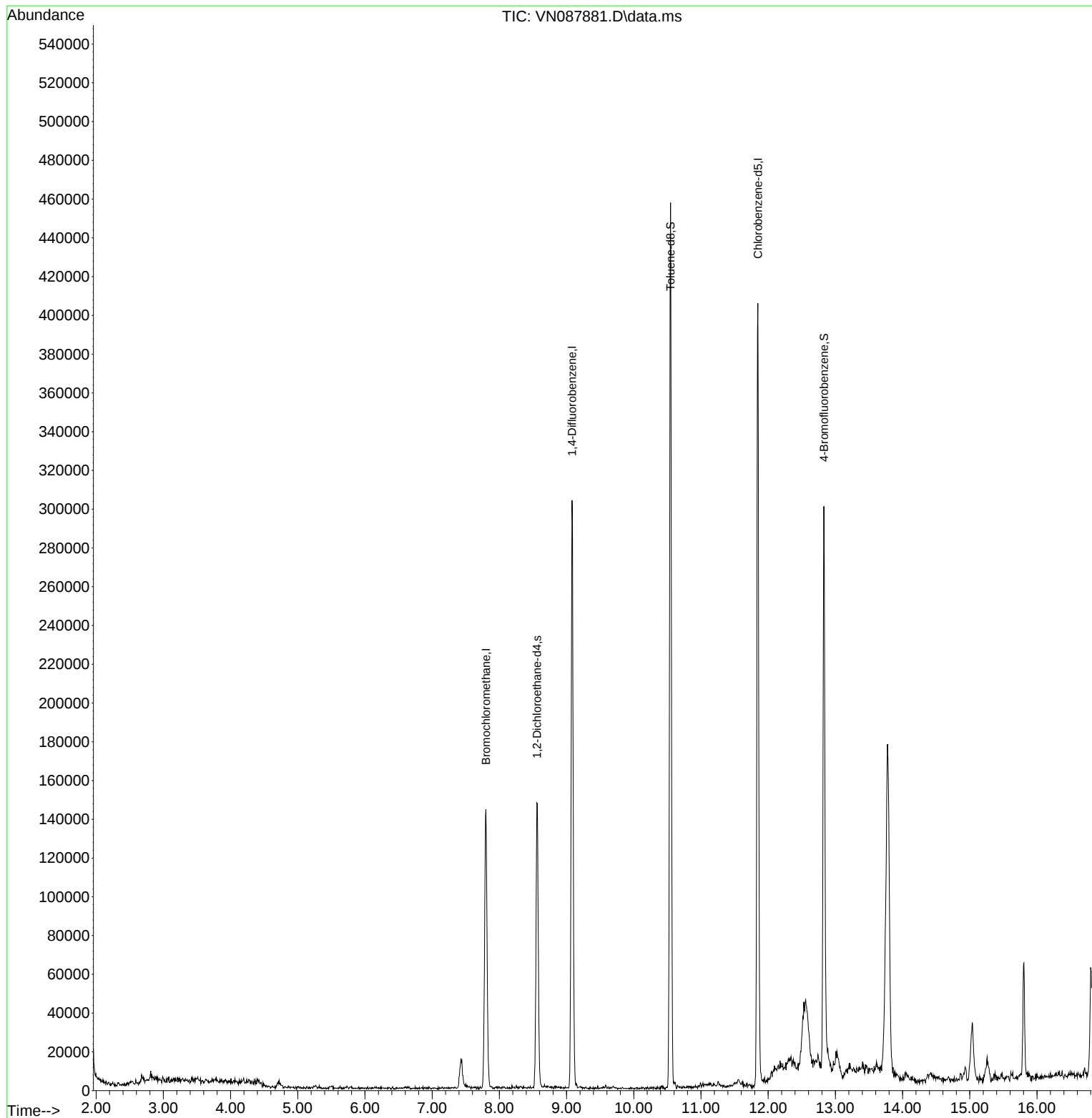
Target Compounds	Qvalue

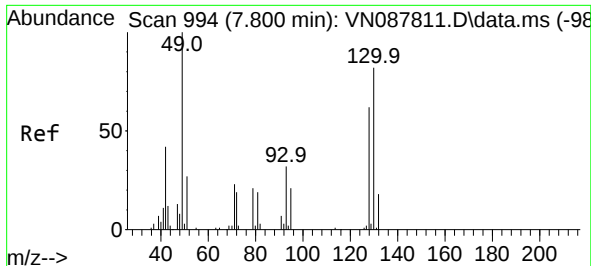
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
Data File : VN087881.D
Acq On : 17 Sep 2025 15:39
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Sep 18 03:13:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

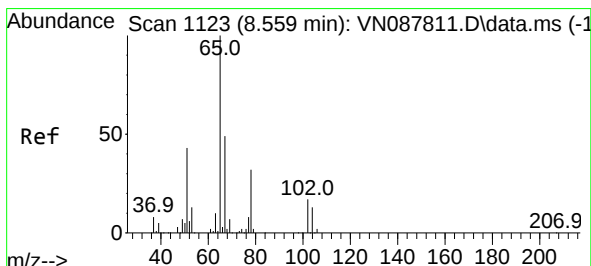
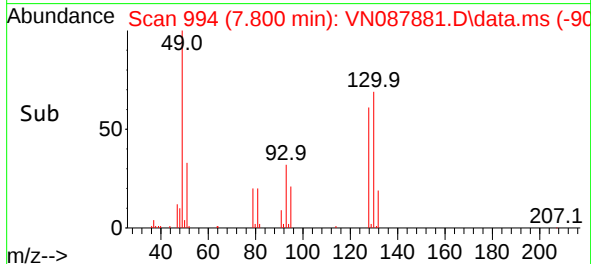
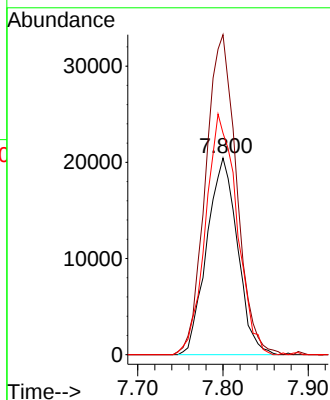
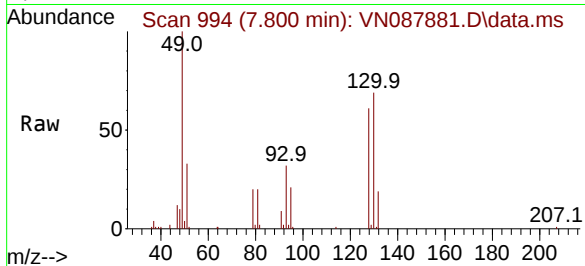




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087881.D
 Acq: 17 Sep 2025 15:39

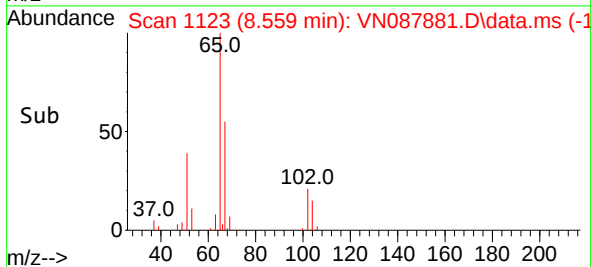
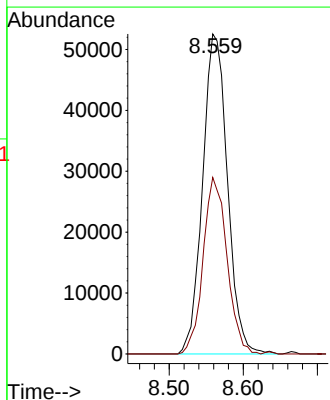
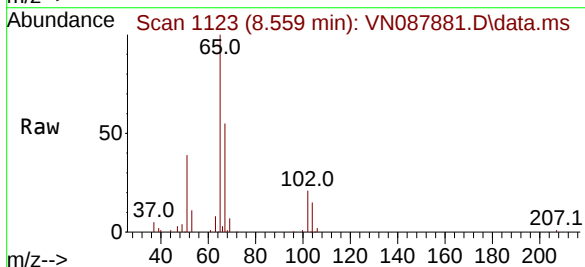
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

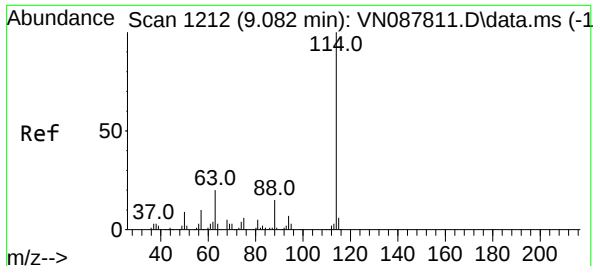
Tgt Ion:128 Resp: 51168
 Ion Ratio Lower Upper
 128 100
 49 164.0 0.0 464.3
 130 125.0 0.0 300.5



#27
 1,2-Dichloroethane-d4
 Concen: 28.051 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN087881.D
 Acq: 17 Sep 2025 15:39

Tgt Ion: 65 Resp: 122610
 Ion Ratio Lower Upper
 65 100
 67 53.0 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087881.D

Acq: 17 Sep 2025 15:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

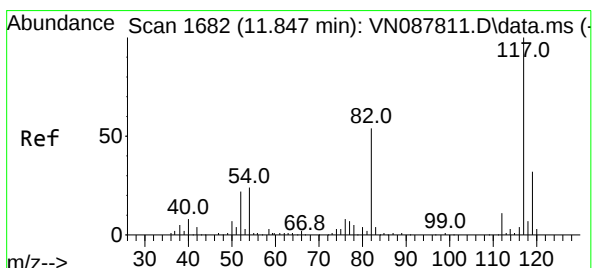
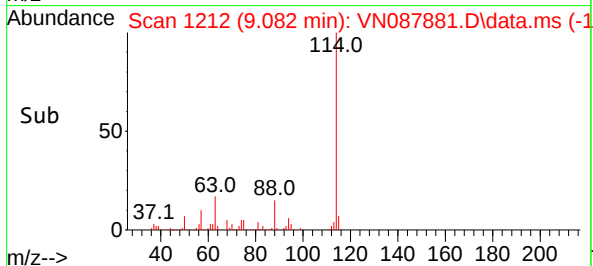
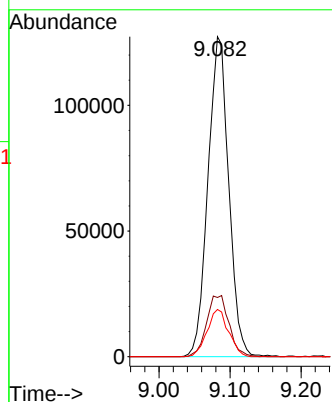
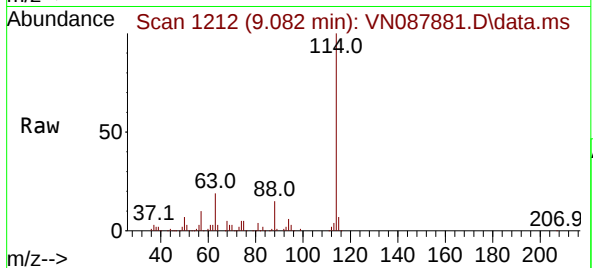
Tgt Ion:114 Resp: 258656

Ion Ratio Lower Upper

114 100

63 20.6 18.3 27.5

88 15.2 12.4 18.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VN087881.D

Acq: 17 Sep 2025 15:39

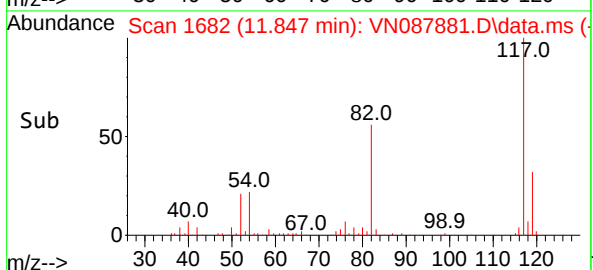
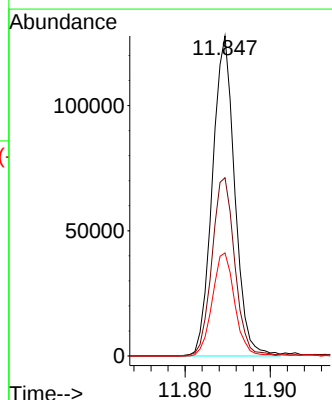
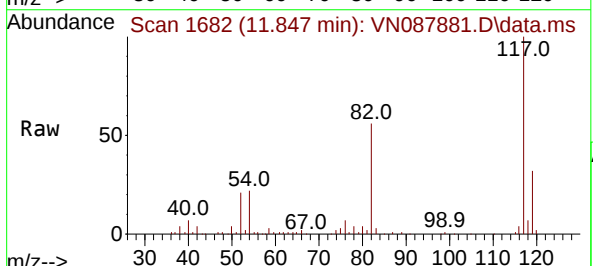
Tgt Ion:117 Resp: 232850

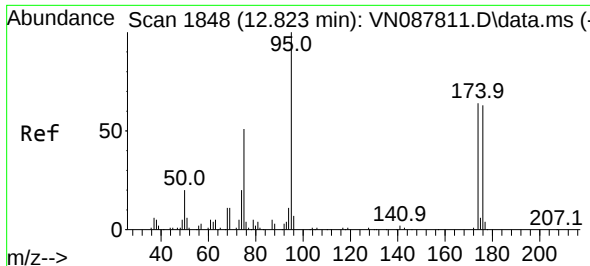
Ion Ratio Lower Upper

117 100

82 56.8 45.9 68.9

119 32.2 25.3 37.9

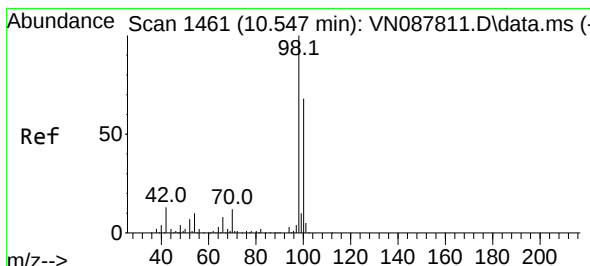
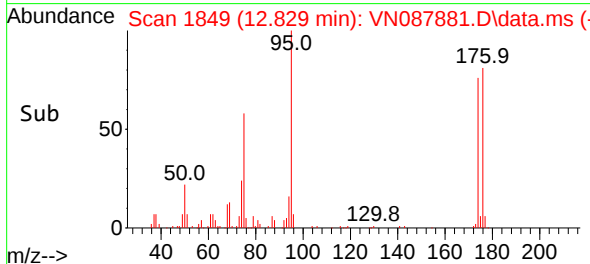
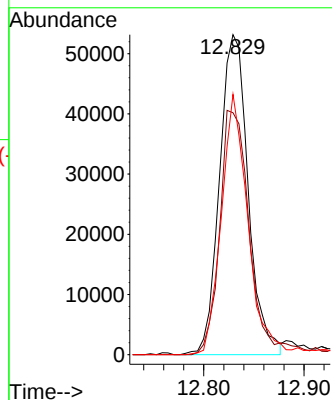
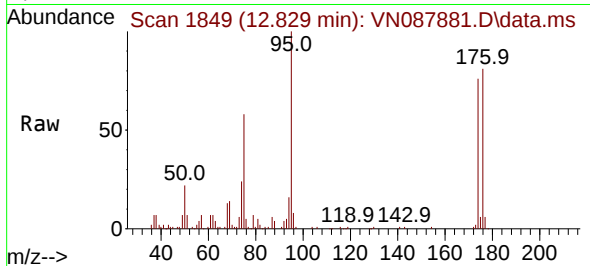




#60
4-Bromofluorobenzene
Concen: 28.128 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087881.D
Acq: 17 Sep 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 105313
Ion Ratio Lower Upper
95 100
174 76.4 55.4 83.0
176 73.3 51.5 77.3



#63
Toluene-d8
Concen: 28.296 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087881.D
Acq: 17 Sep 2025 15:39

Tgt Ion: 98 Resp: 306407
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

