

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087324.D
 Acq On : 10 Jul 2025 14:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 11 01:11:29 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	7.830	128	39141	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	178901	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	166627	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	84236	28.563	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.200%
60) 4-Bromofluorobenzene	12.853	95	71778	27.916	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.067%
63) Toluene-d8	10.571	98	211225	28.233	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.100%

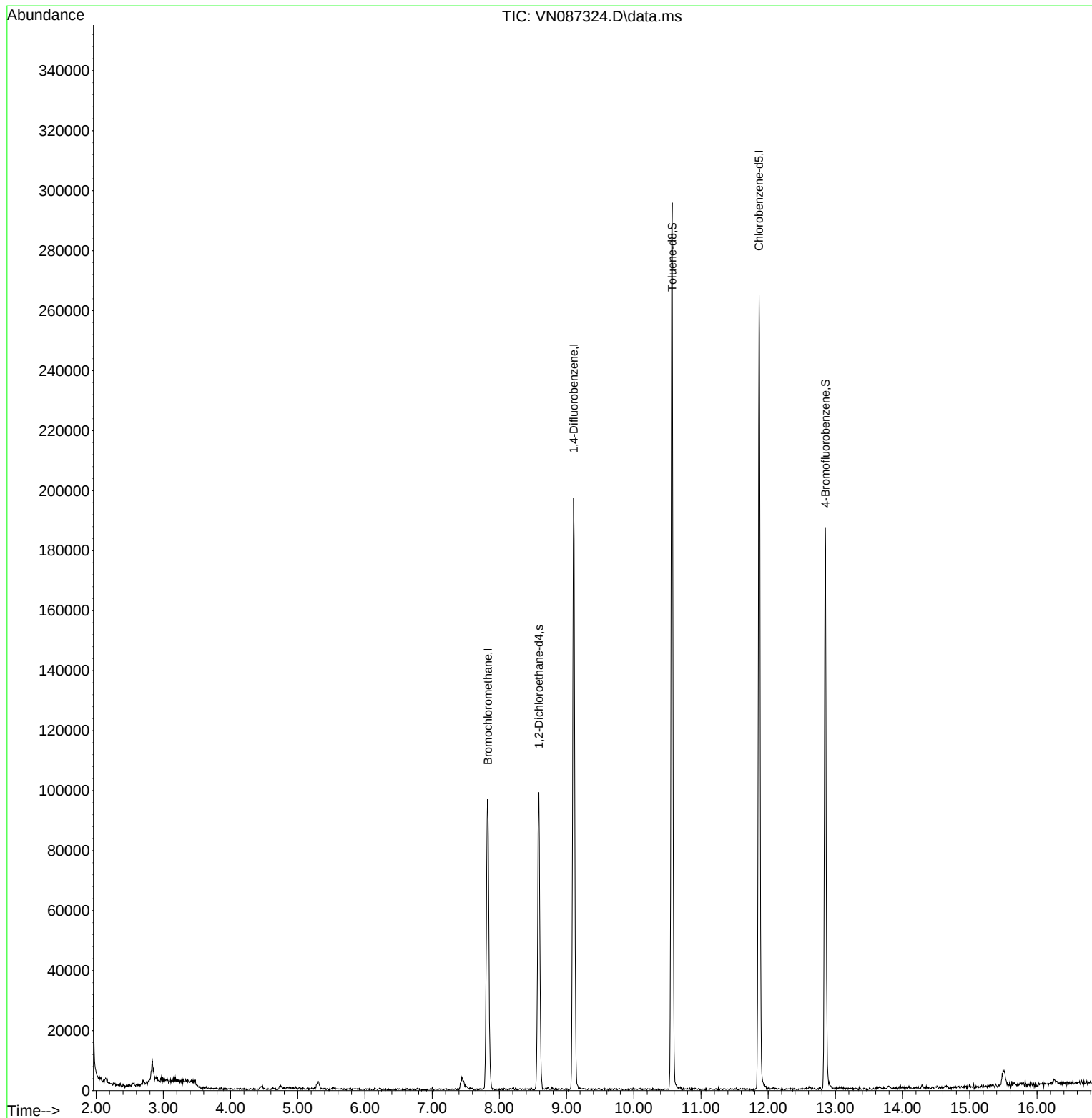
Target Compounds	Qvalue

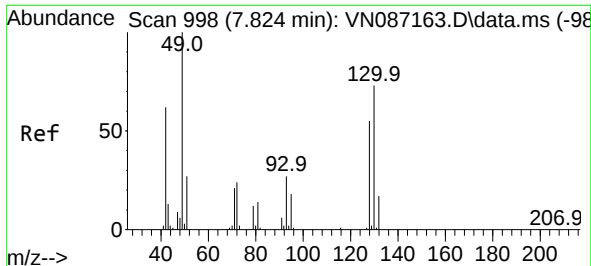
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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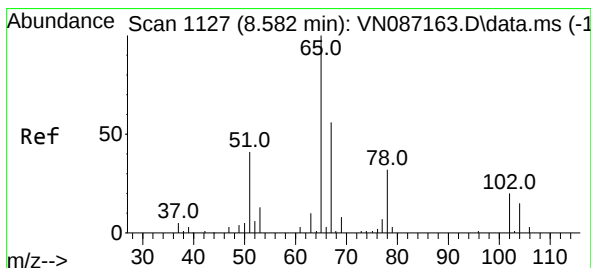
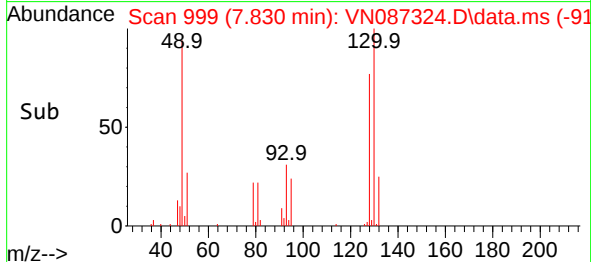
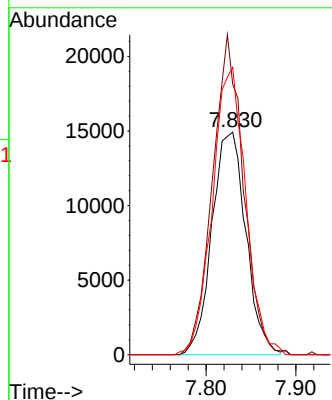
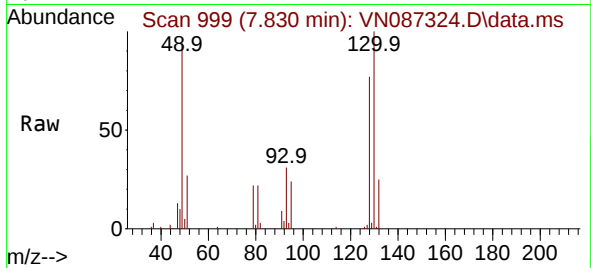




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087324.D
Acq: 10 Jul 2025 14:31

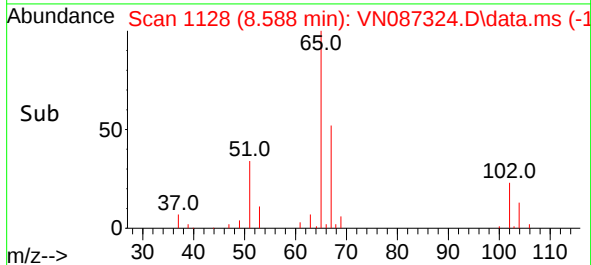
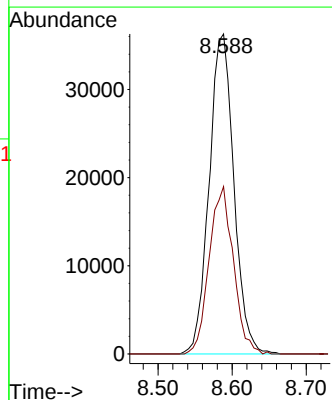
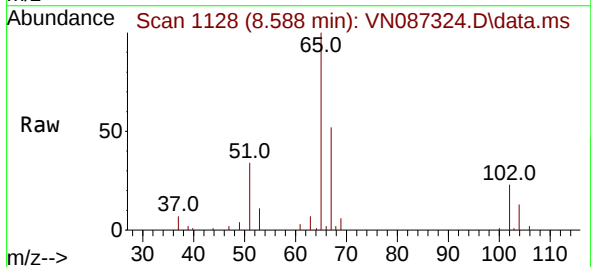
Instrument :
MSVOA_N
ClientSampleId :
IBLK

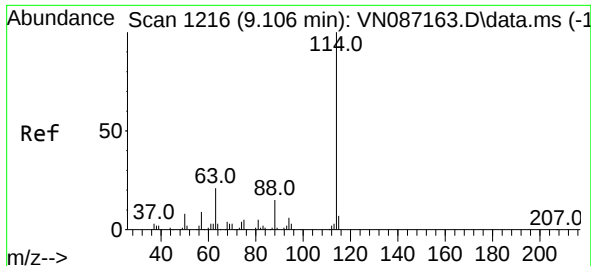
Tgt Ion:128 Resp: 39141
Ion Ratio Lower Upper
128 100
49 131.0 0.0 450.5
130 126.7 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 28.563 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN087324.D
Acq: 10 Jul 2025 14:31

Tgt Ion: 65 Resp: 84236
Ion Ratio Lower Upper
65 100
67 51.1 41.9 62.9



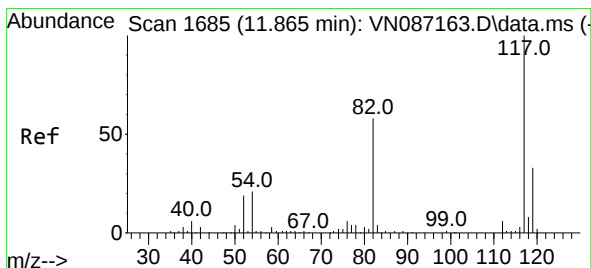
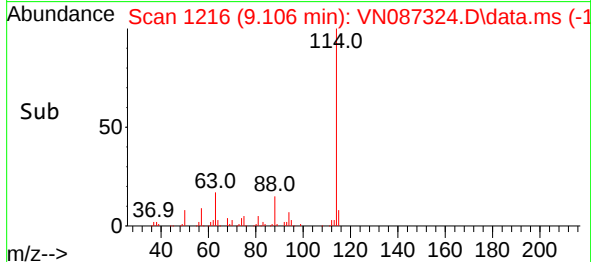
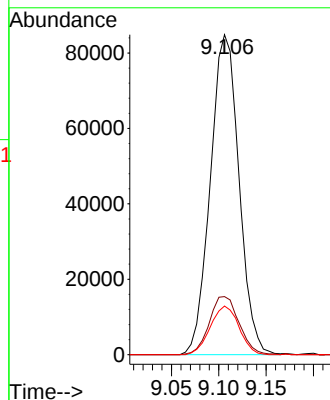
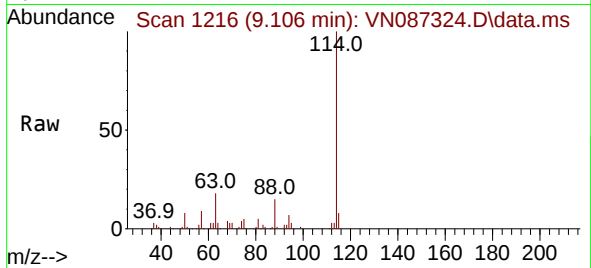


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087324.D
Acq: 10 Jul 2025 14:31

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 178901

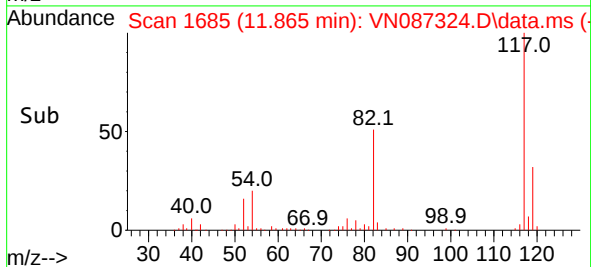
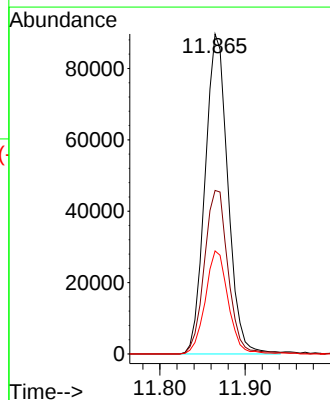
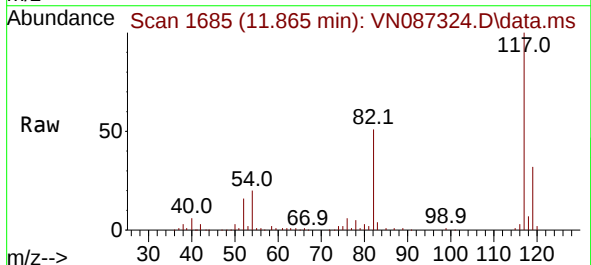
Ion	Ratio	Lower	Upper
114	100		
63	18.9	17.0	25.4
88	15.2	12.6	19.0

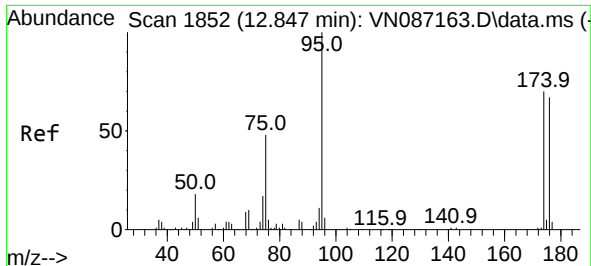


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087324.D
Acq: 10 Jul 2025 14:31

Tgt Ion:117 Resp: 166627

Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.4	68.2
119	32.2	26.2	39.4

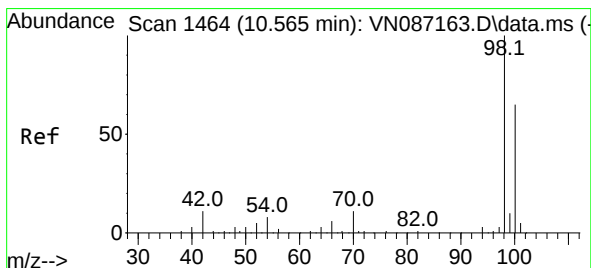
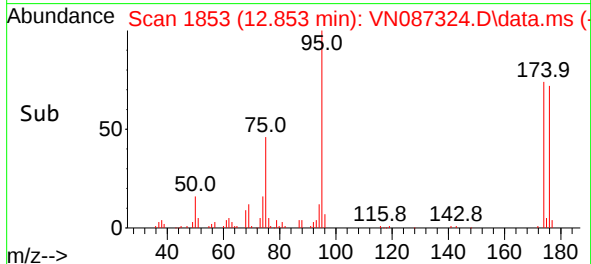
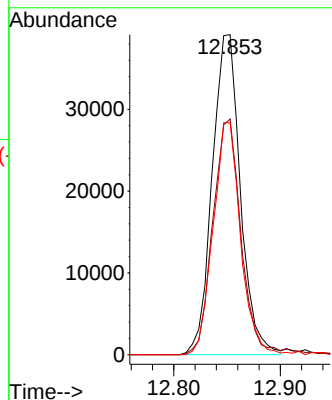
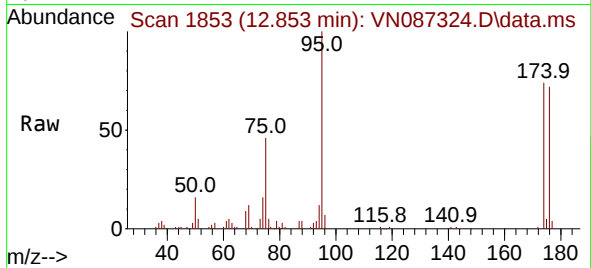




#60
4-Bromofluorobenzene
Concen: 27.916 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087324.D
Acq: 10 Jul 2025 14:31

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 71778
Ion Ratio Lower Upper
95 100
174 73.1 54.5 81.7
176 70.6 51.9 77.9



#63
Toluene-d8
Concen: 28.233 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087324.D
Acq: 10 Jul 2025 14:31

Tgt Ion: 98 Resp: 211225
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

