

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087730.D
 Acq On : 04 Sep 2025 18:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 05 03:43:41 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	45426	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	239482	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	210640	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	119829	30.880	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.933%	
60) 4-Bromofluorobenzene	12.829	95	94829	27.999	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.333%	
63) Toluene-d8	10.547	98	295440	30.160	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.533%	

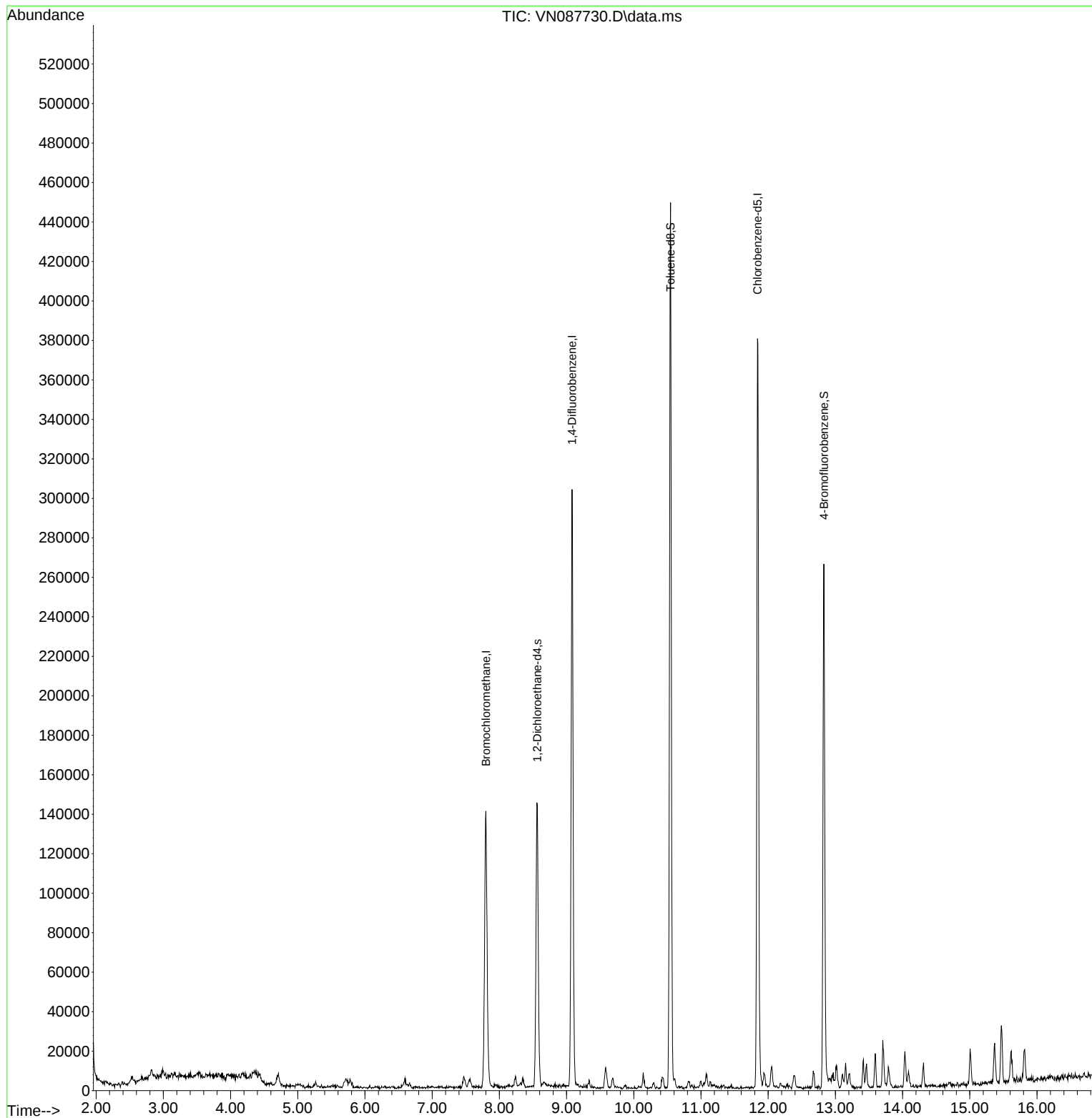
Target Compounds	Qvalue

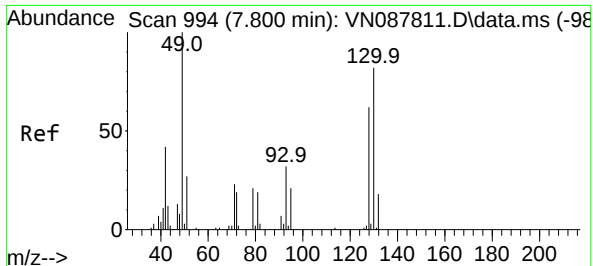
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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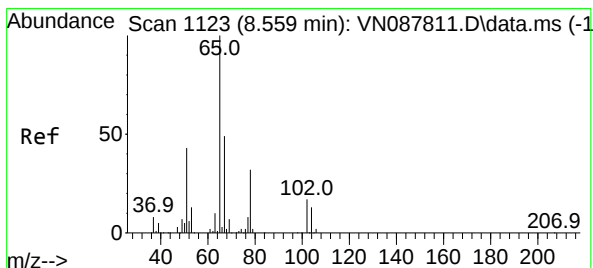
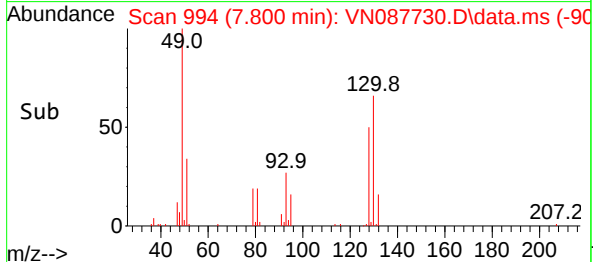
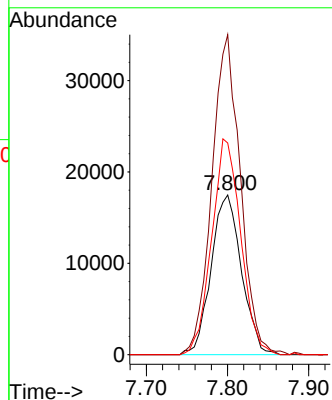
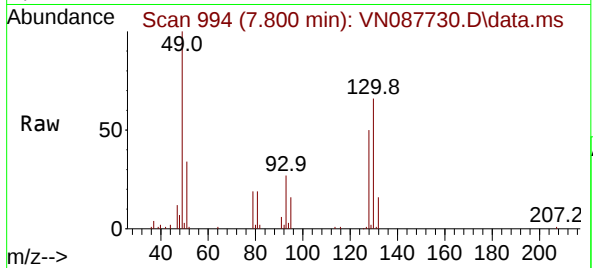




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087730.D
Acq: 04 Sep 2025 18:07

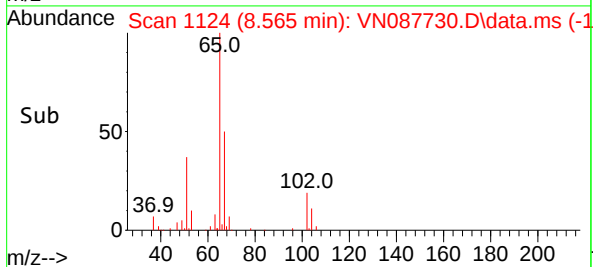
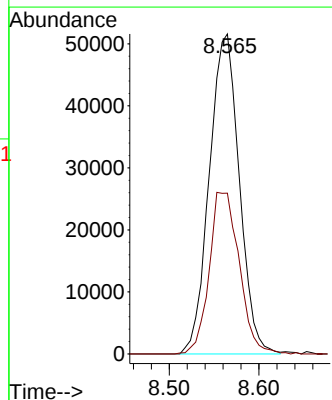
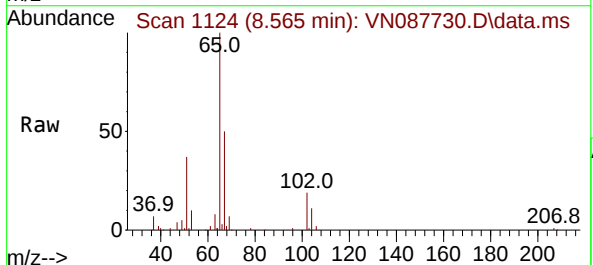
Instrument :
MSVOA_N
ClientSampleId :
IBLK

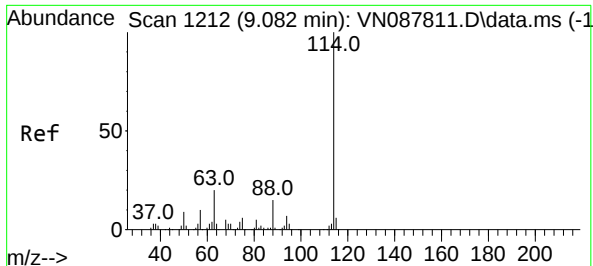
Tgt Ion:128 Resp: 45426
Ion Ratio Lower Upper
128 100
49 187.6 0.0 464.3
130 129.8 0.0 300.5



#27
1,2-Dichloroethane-d4
Concen: 30.880 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087730.D
Acq: 04 Sep 2025 18:07

Tgt Ion: 65 Resp: 119829
Ion Ratio Lower Upper
65 100
67 50.5 39.6 59.4

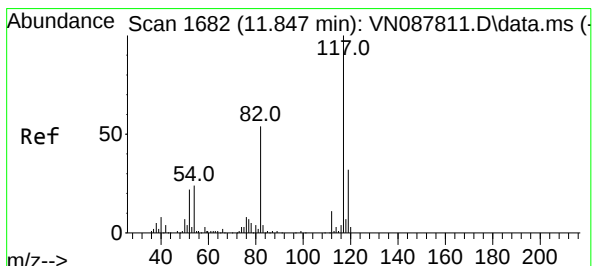
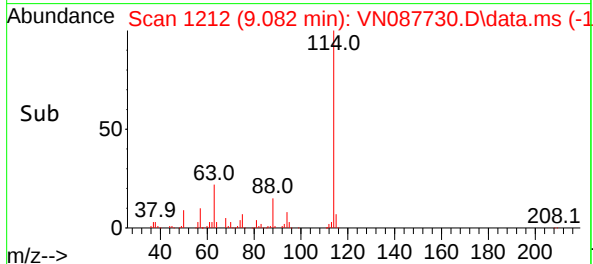
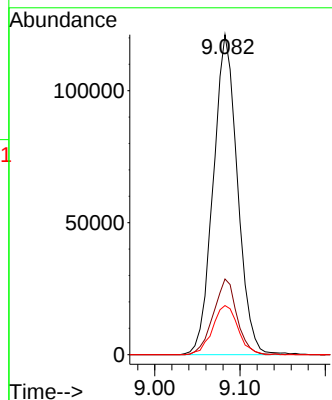
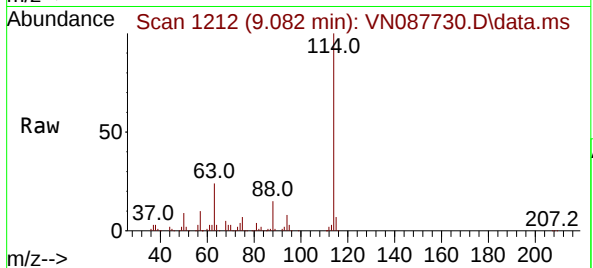




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087730.D
Acq: 04 Sep 2025 18:07

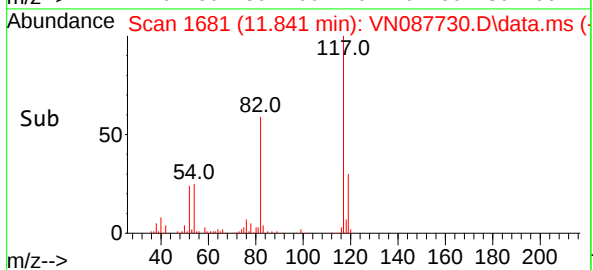
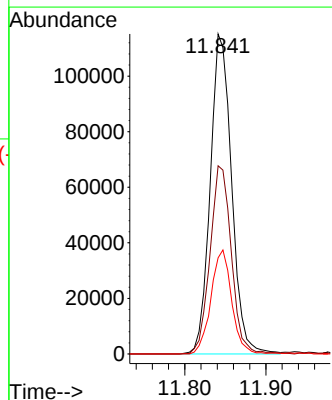
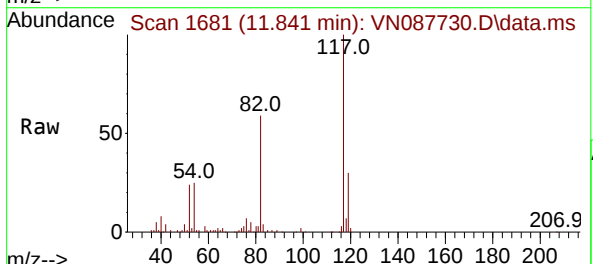
Instrument :
MSVOA_N
ClientSampleId :
IBLK

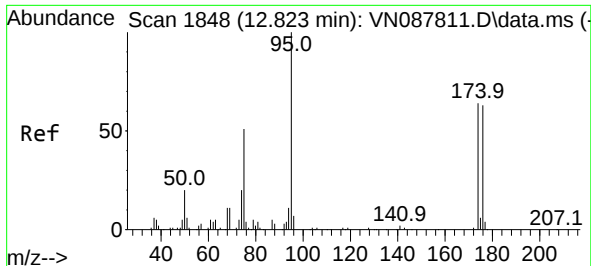
Tgt Ion:114 Resp: 239482
Ion Ratio Lower Upper
114 100
63 22.9 18.3 27.5
88 16.2 12.4 18.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087730.D
Acq: 04 Sep 2025 18:07

Tgt Ion:117 Resp: 210640
Ion Ratio Lower Upper
117 100
82 58.7 45.9 68.9
119 31.5 25.3 37.9

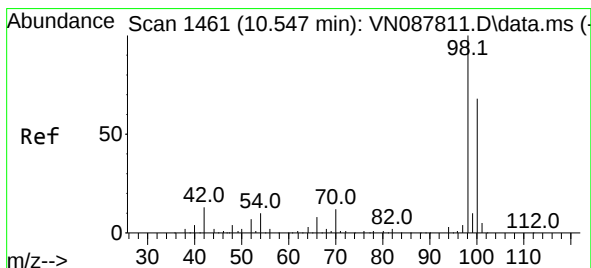
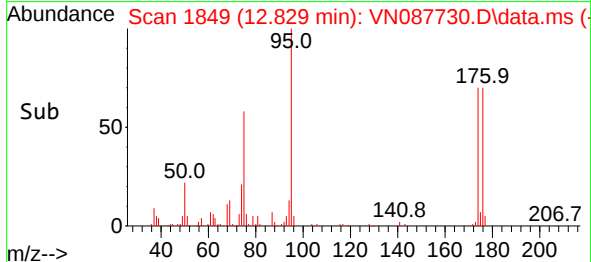
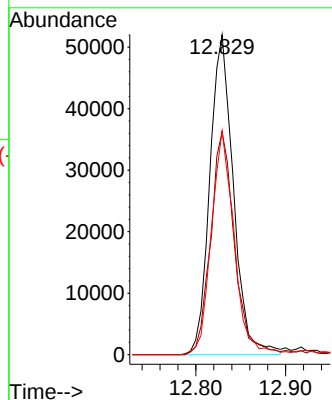
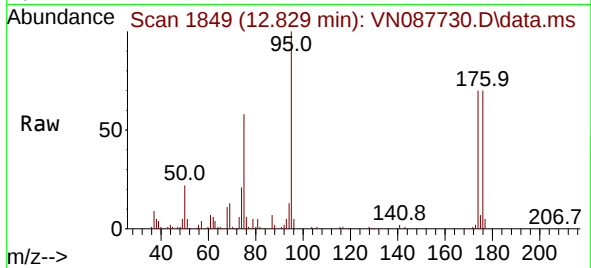




#60
4-Bromofluorobenzene
Concen: 27.999 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087730.D
Acq: 04 Sep 2025 18:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 94829
Ion Ratio Lower Upper
95 100
174 70.0 55.4 83.0
176 66.3 51.5 77.3



#63
Toluene-d8
Concen: 30.160 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087730.D
Acq: 04 Sep 2025 18:07

Tgt Ion: 98 Resp: 295440
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

