

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088041.D
 Acq On : 08 Oct 2025 15:20
 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 09 02:56:37 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	7.800	128	62703	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	342626	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	290192	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	146749	30.056	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.200%	
60) 4-Bromofluorobenzene	12.829	95	142385	29.763	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.200%	
63) Toluene-d8	10.547	98	407060	31.484	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.933%	

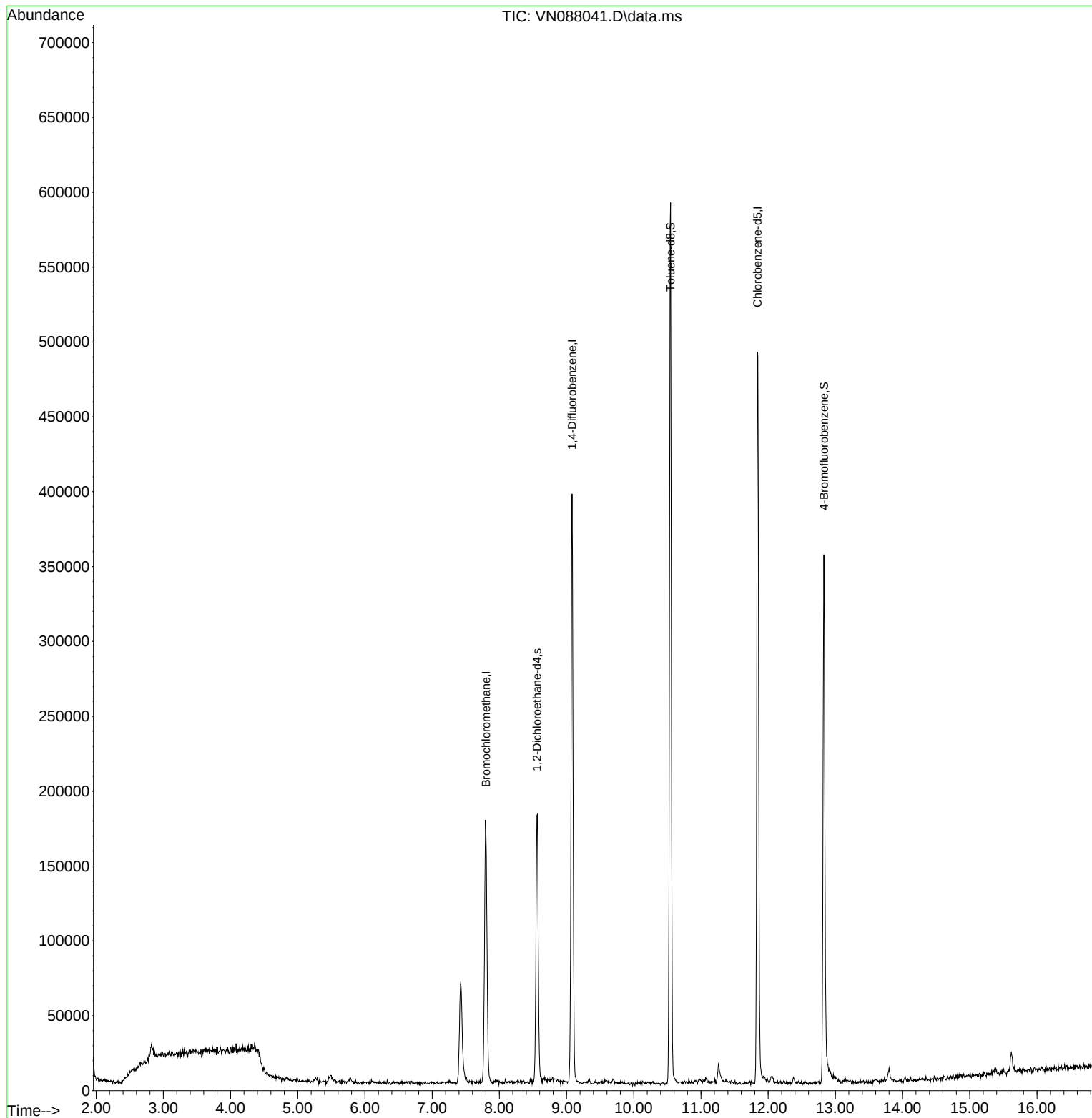
Target Compounds	Qvalue

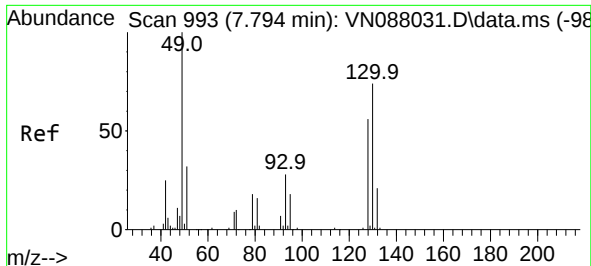
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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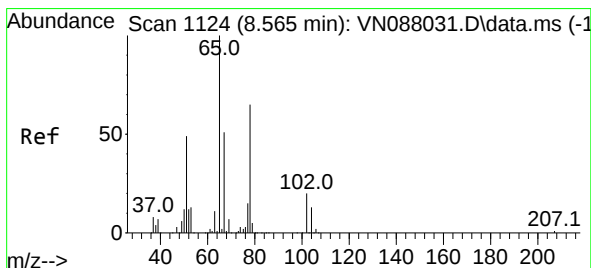
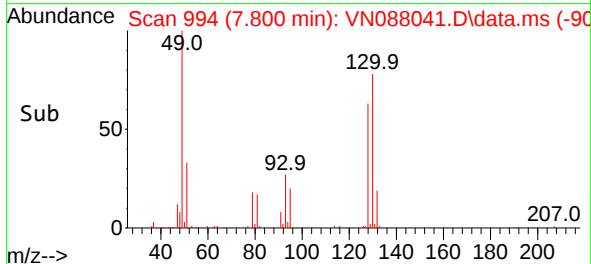
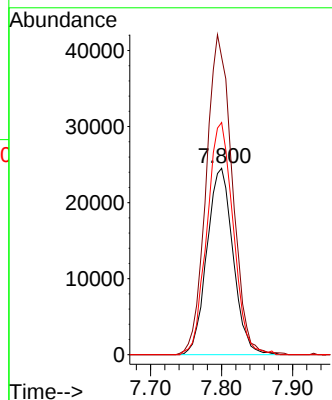
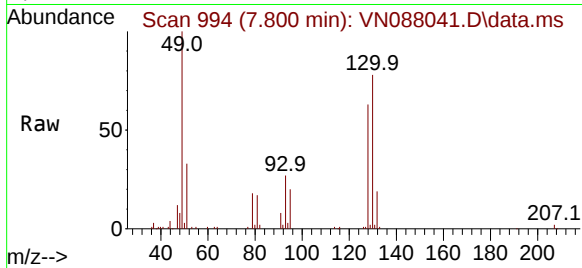




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088041.D
Acq: 08 Oct 2025 15:20

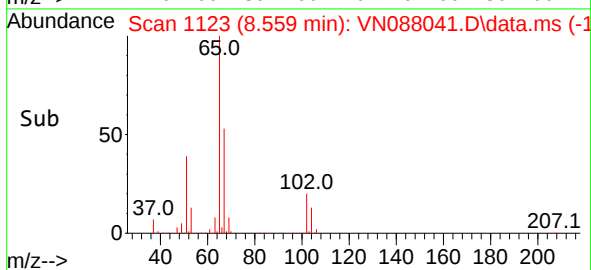
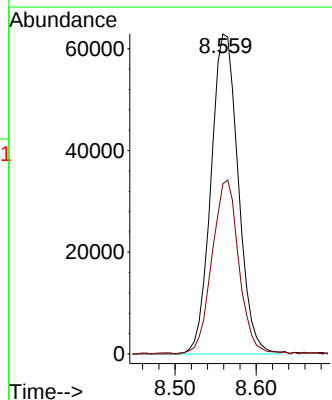
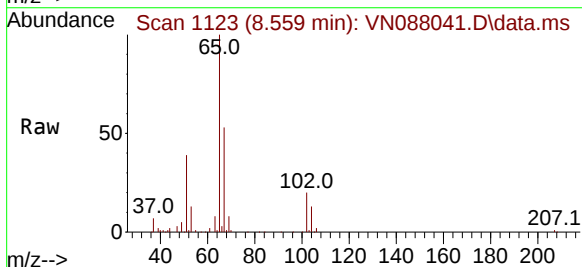
Instrument :
MSVOA_N
ClientSampleId :
IBLK

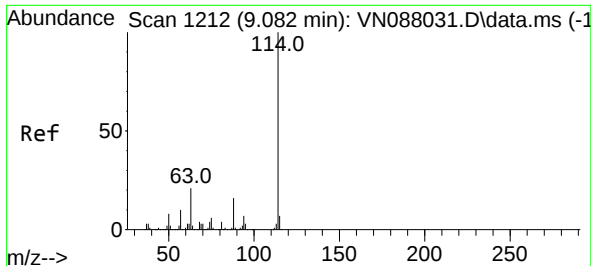
Tgt Ion:128 Resp: 62703
Ion Ratio Lower Upper
128 100
49 171.6 0.0 439.8
130 125.0 0.0 325.8



#27
1,2-Dichloroethane-d4
Concen: 30.056 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088041.D
Acq: 08 Oct 2025 15:20

Tgt Ion: 65 Resp: 146749
Ion Ratio Lower Upper
65 100
67 53.7 41.9 62.9

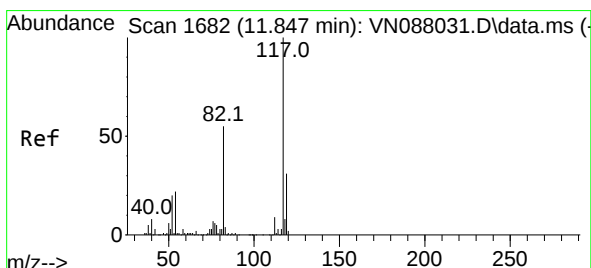
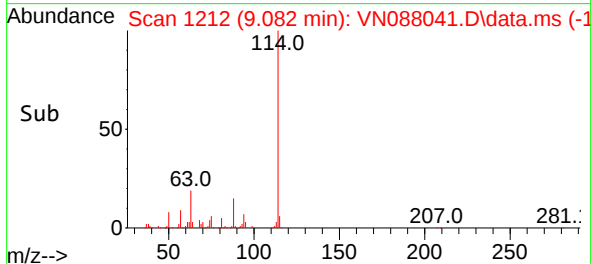
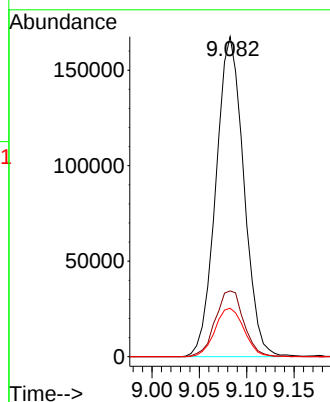
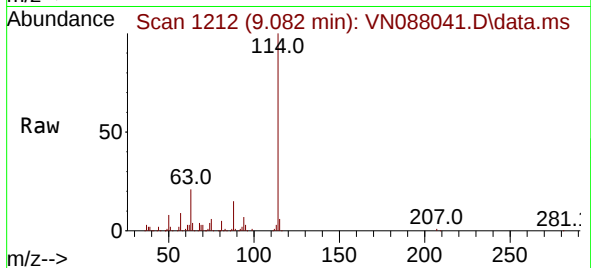




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088041.D
Acq: 08 Oct 2025 15:20

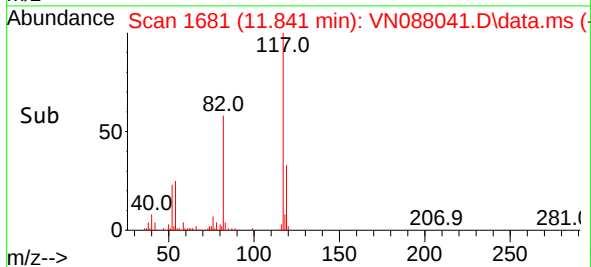
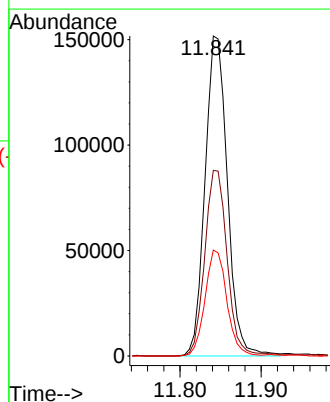
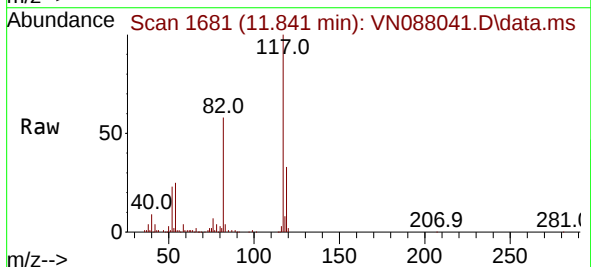
Instrument :
MSVOA_N
ClientSampleId :
IBLK

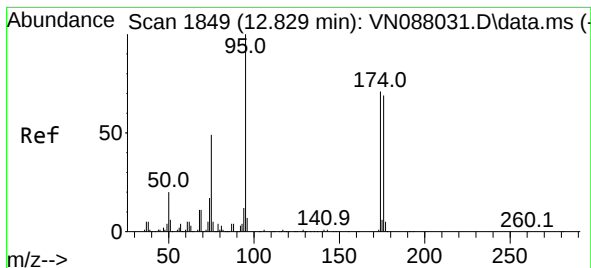
Tgt Ion:114 Resp: 342626
Ion Ratio Lower Upper
114 100
63 21.0 16.6 25.0
88 15.8 12.6 18.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088041.D
Acq: 08 Oct 2025 15:20

Tgt Ion:117 Resp: 290192
Ion Ratio Lower Upper
117 100
82 58.3 45.2 67.8
119 32.3 25.9 38.9

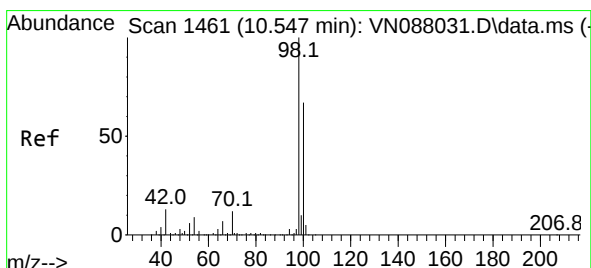
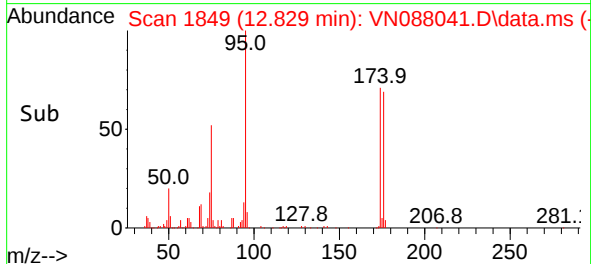
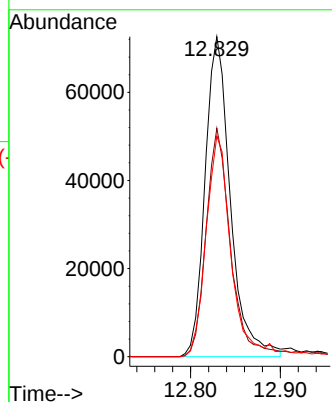
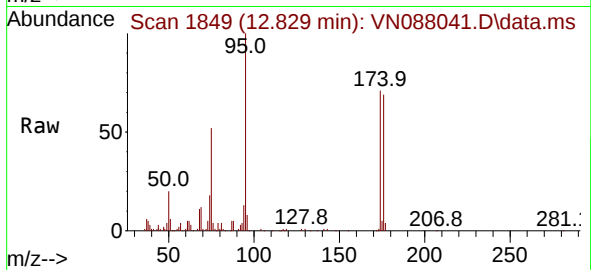




#60
4-Bromofluorobenzene
Concen: 29.763 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088041.D
Acq: 08 Oct 2025 15:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 142385
Ion Ratio Lower Upper
95 100
174 69.3 57.4 86.0
176 66.2 57.0 85.4



#63
Toluene-d8
Concen: 31.484 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088041.D
Acq: 08 Oct 2025 15:20

Tgt Ion: 98 Resp: 407060
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

