

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088035.D
 Acq On : 08 Oct 2025 11:33
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 09 02:40:13 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	67814	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	383340	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	334900	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	157895	29.901	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	12.829	95	156839	28.408	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.700%
63) Toluene-d8	10.547	98	446011	29.891	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.633%

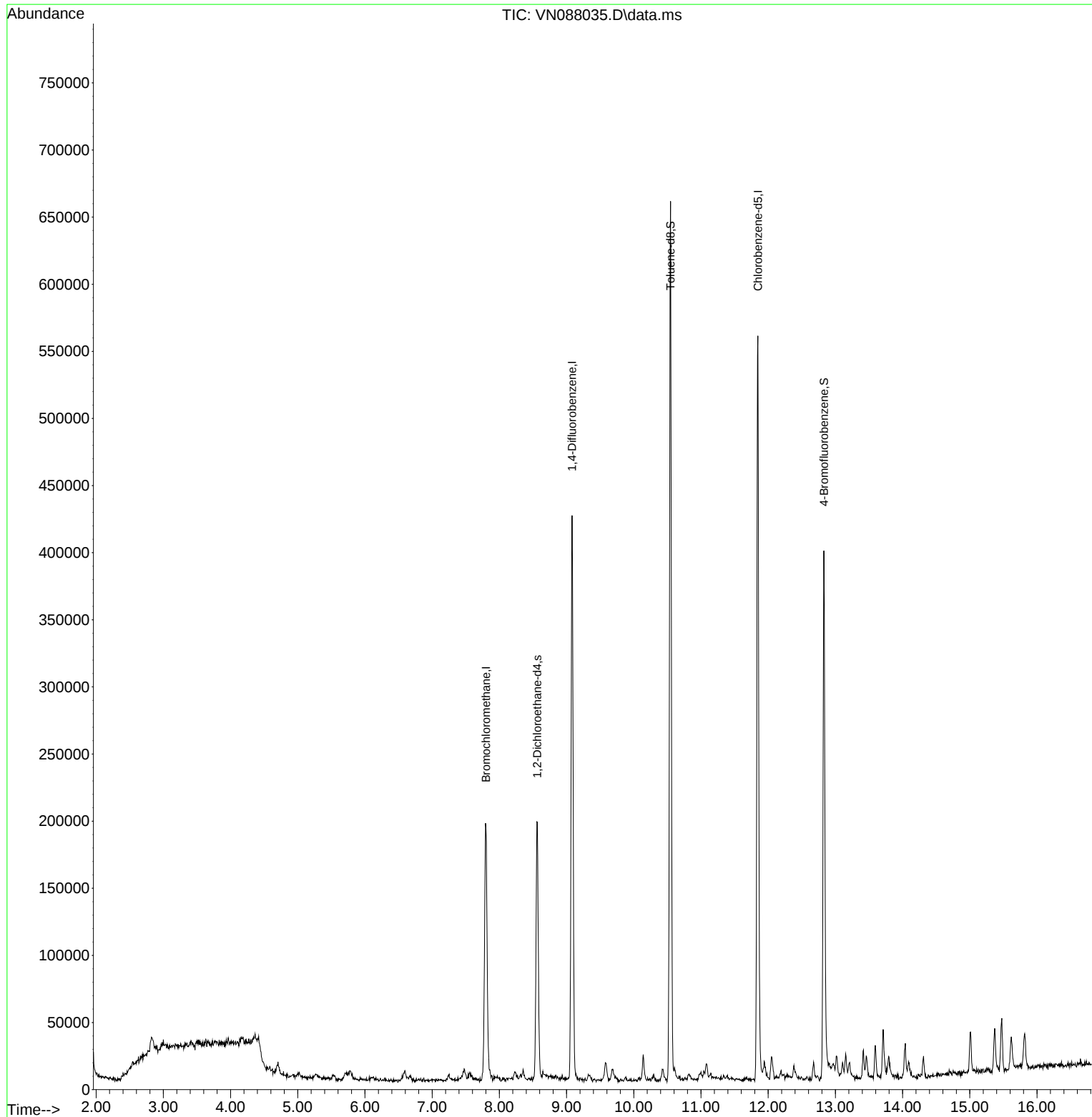
Target Compounds	Qvalue

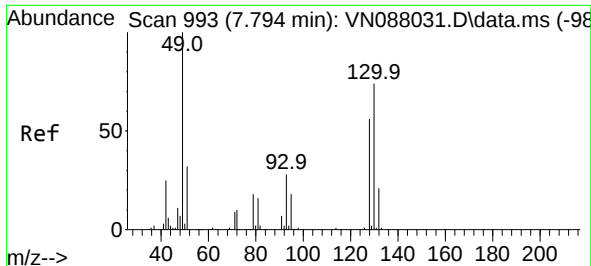
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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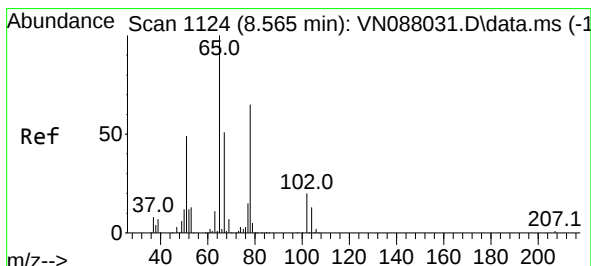
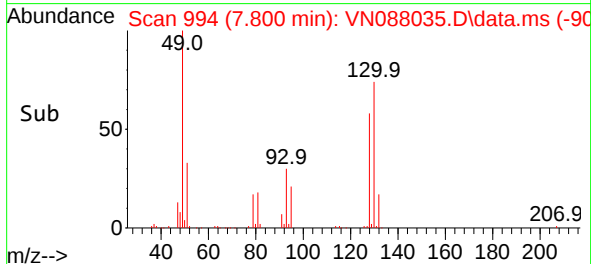
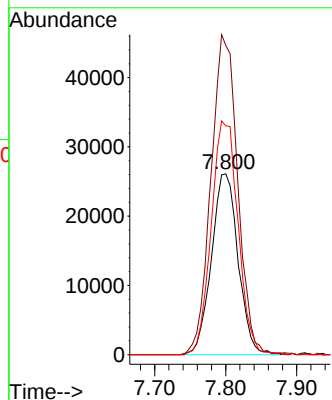
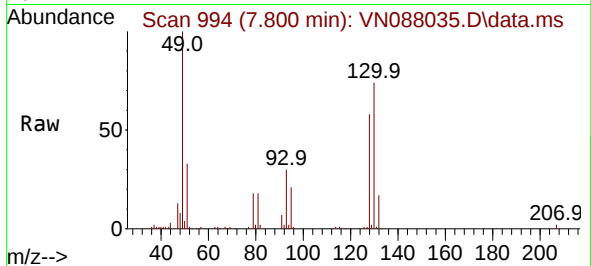




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

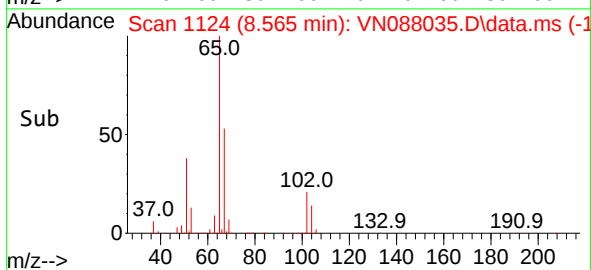
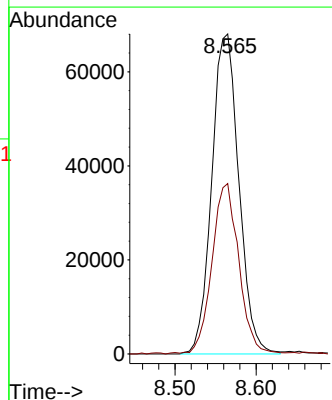
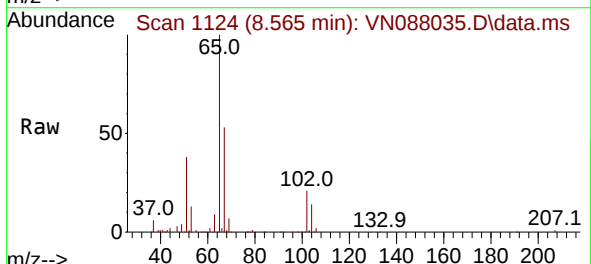
Instrument :
MSVOA_N
ClientSampleId :
IBLK

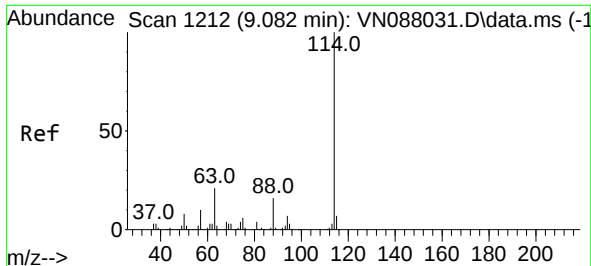
Tgt Ion:128 Resp: 67814
Ion Ratio Lower Upper
128 100
49 177.2 0.0 439.8
130 130.3 0.0 325.8



#27
1,2-Dichloroethane-d4
Concen: 29.901 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 65 Resp: 157895
Ion Ratio Lower Upper
65 100
67 52.5 41.9 62.9

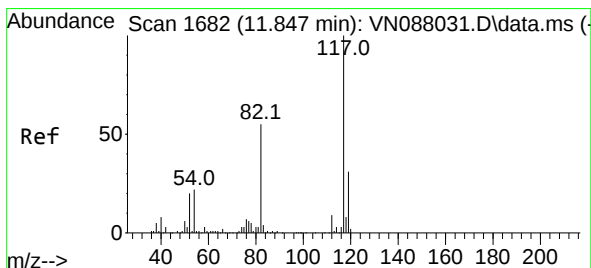
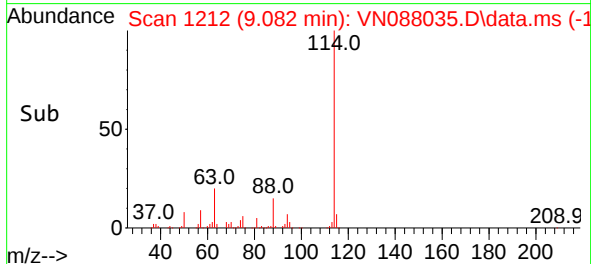
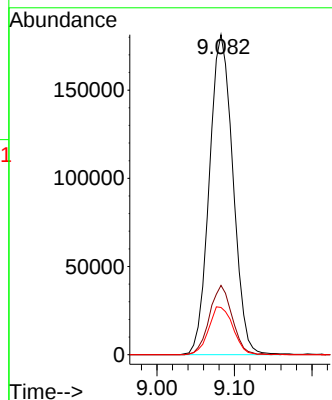
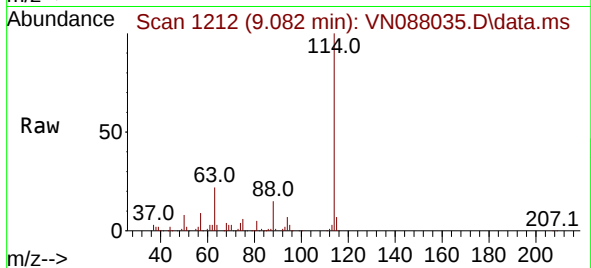




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

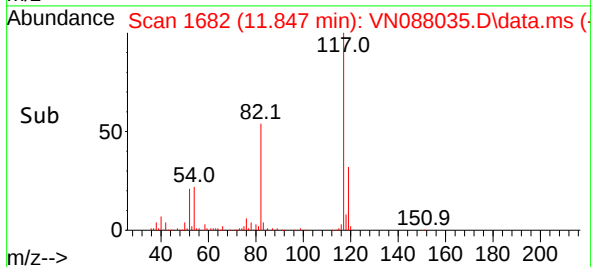
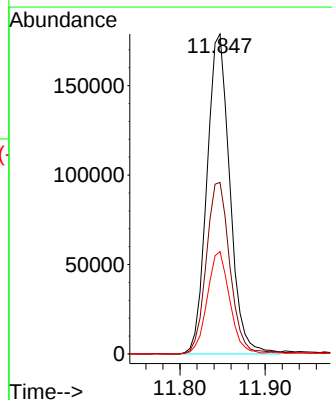
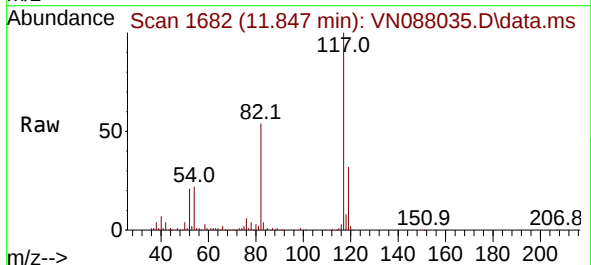
Instrument :
MSVOA_N
ClientSampleId :
IBLK

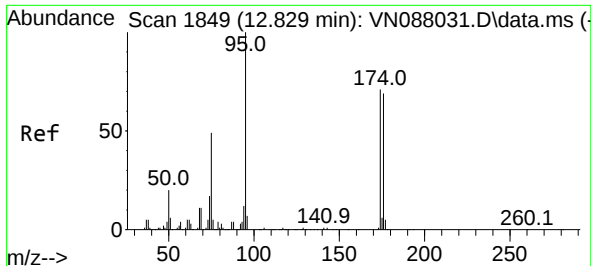
Tgt Ion:114 Resp: 383340
Ion Ratio Lower Upper
114 100
63 20.8 16.6 25.0
88 15.4 12.6 18.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:117 Resp: 334900
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 31.5 25.9 38.9

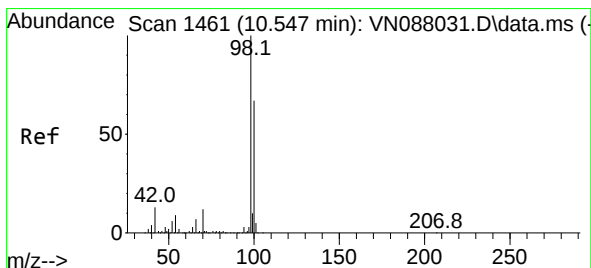
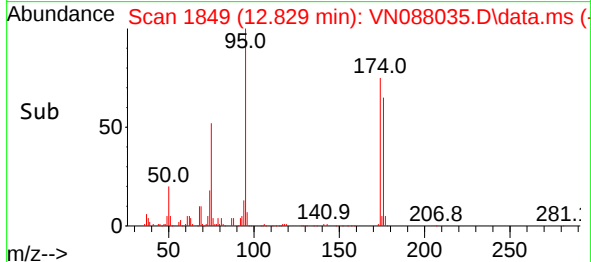
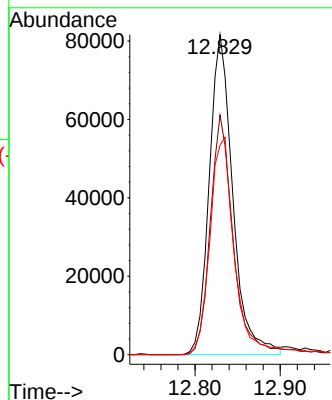
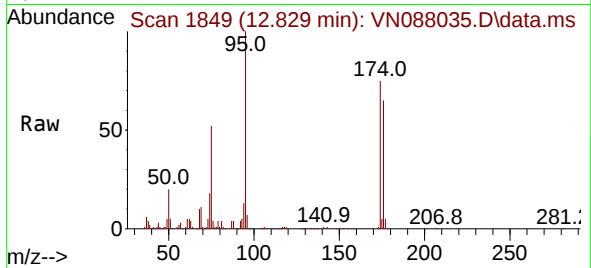




#60
4-Bromofluorobenzene
Concen: 28.408 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 156839
Ion Ratio Lower Upper
95 100
174 74.2 57.4 86.0
176 70.3 57.0 85.4



#63
Toluene-d8
Concen: 29.891 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 98 Resp: 446011
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

