

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087718.D
 Acq On : 04 Sep 2025 13:35
 Operator : JC\MD
 Sample : Q3017-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20250903

Quant Time: Sep 05 02:20:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	24981	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	130931	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	117412	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	69122	29.999	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.000%	
60) 4-Bromofluorobenzene	12.829	95	51174	25.326	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 84.433%	
63) Toluene-d8	10.547	98	164231	30.400	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.333%	

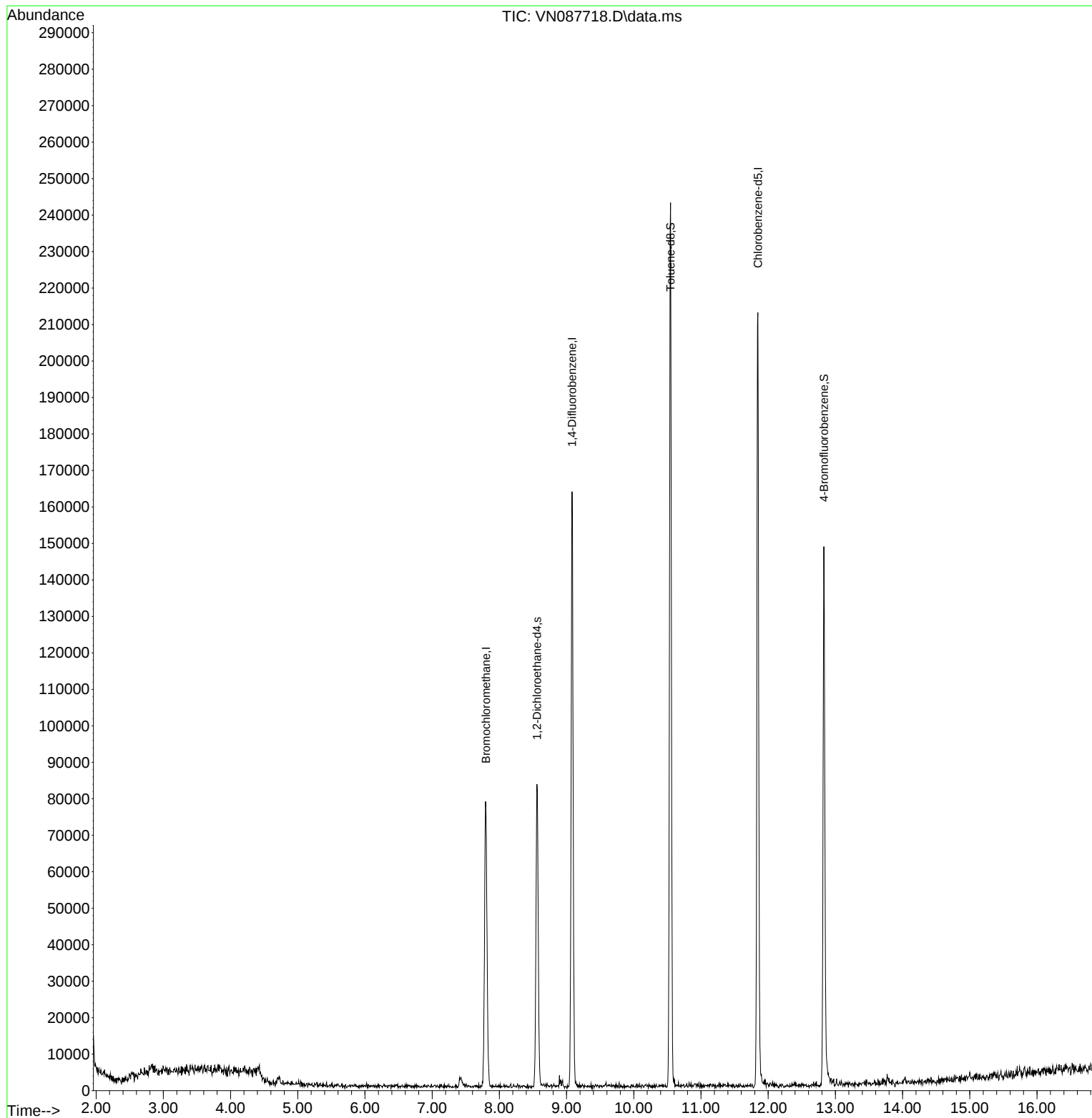
Target Compounds	Qvalue

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

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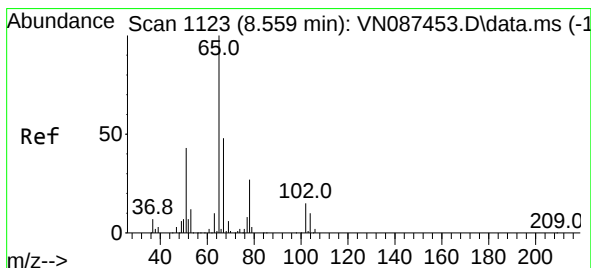
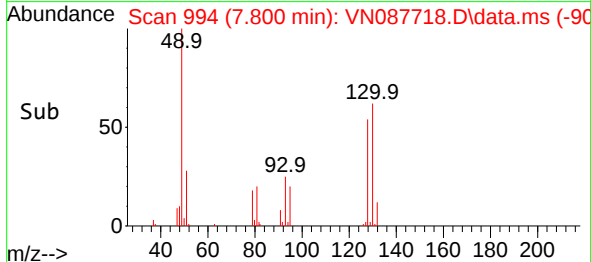
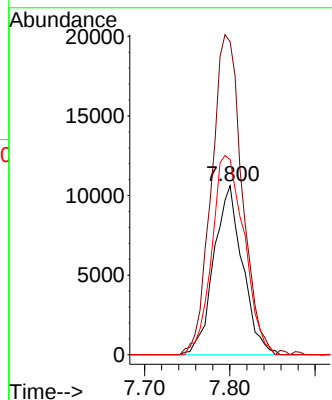
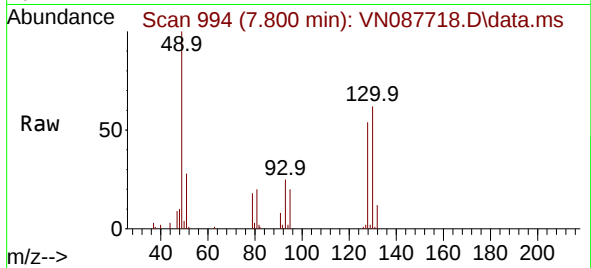




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

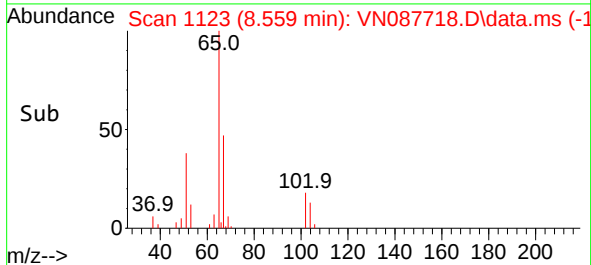
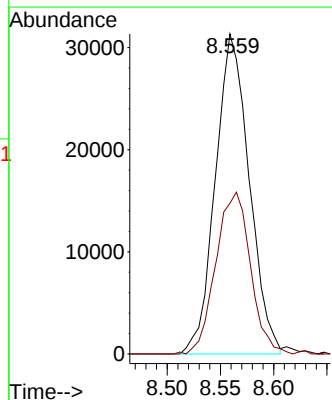
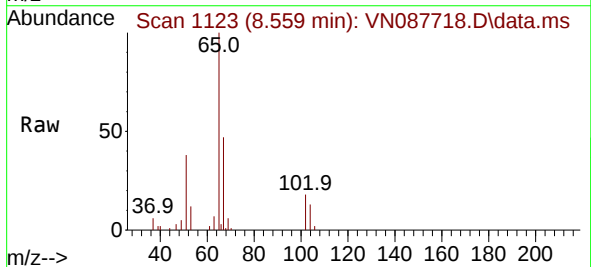
Instrument :
MSVOA_N
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BP-TB-20250903

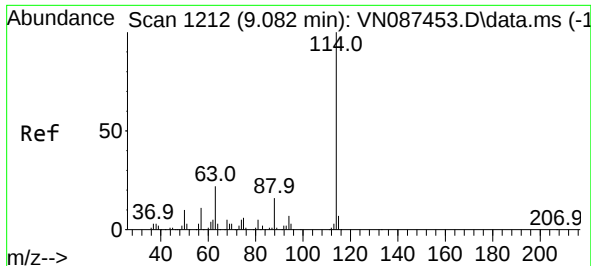
Tgt Ion:128 Resp: 24981
Ion Ratio Lower Upper
128 100
49 200.7 0.0 494.8
130 132.5 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 29.999 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Tgt Ion: 65 Resp: 69122
Ion Ratio Lower Upper
65 100
67 51.6 40.8 61.2

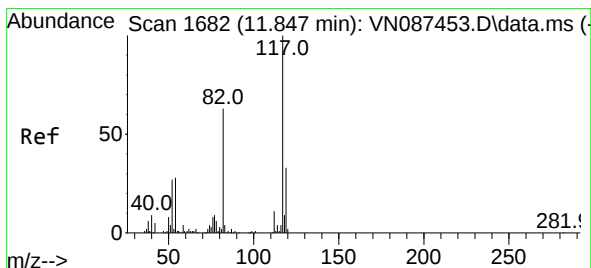
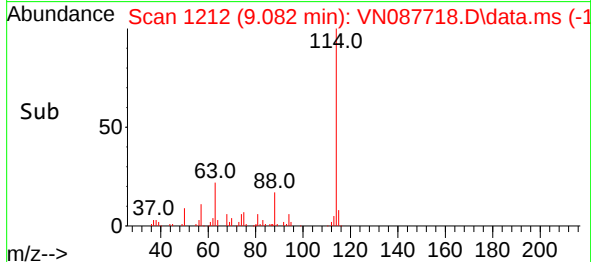
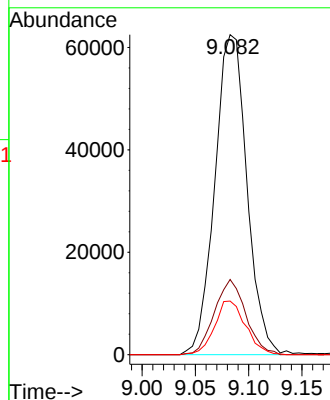
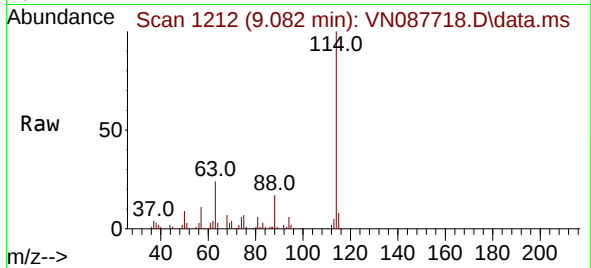




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

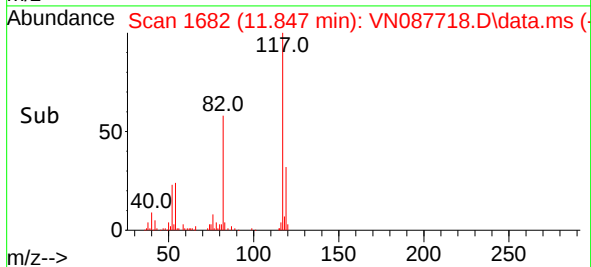
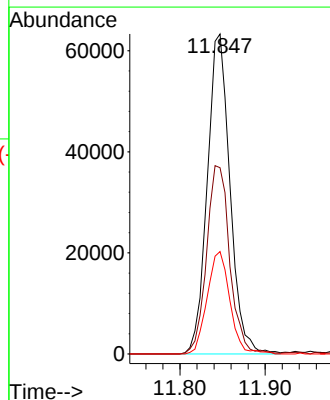
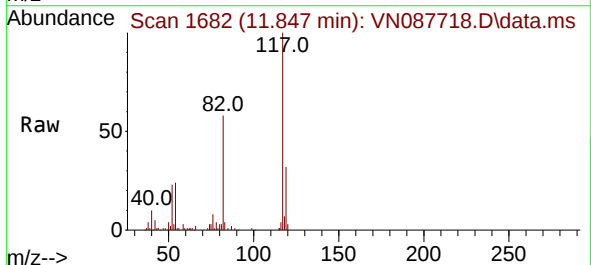
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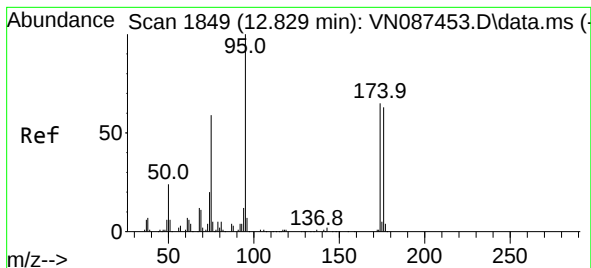
Tgt Ion:114 Resp: 130931
Ion Ratio Lower Upper
114 100
63 23.0 18.9 28.3
88 16.2 13.1 19.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Tgt Ion:117 Resp: 117412
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 31.5 25.7 38.5

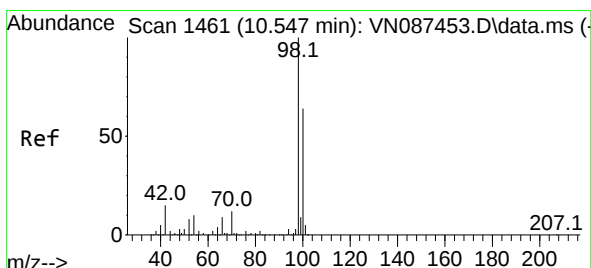
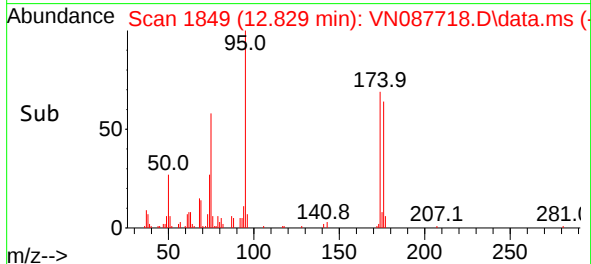
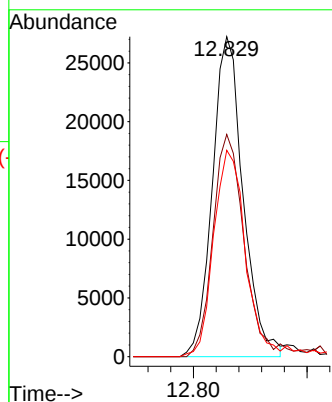
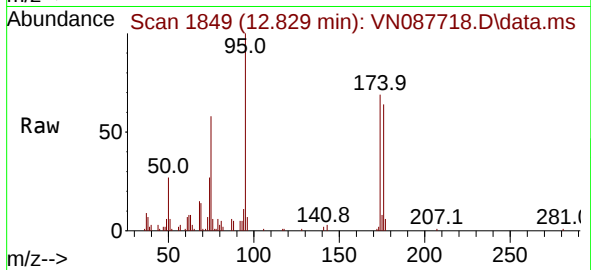




#60
4-Bromofluorobenzene
Concen: 25.326 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 51174
Ion Ratio Lower Upper
95 100
174 69.4 52.3 78.5
176 66.0 49.8 74.8



#63
Toluene-d8
Concen: 30.400 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Tgt Ion: 98 Resp: 164231
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

