Quantitation Report (QT Reviewed)

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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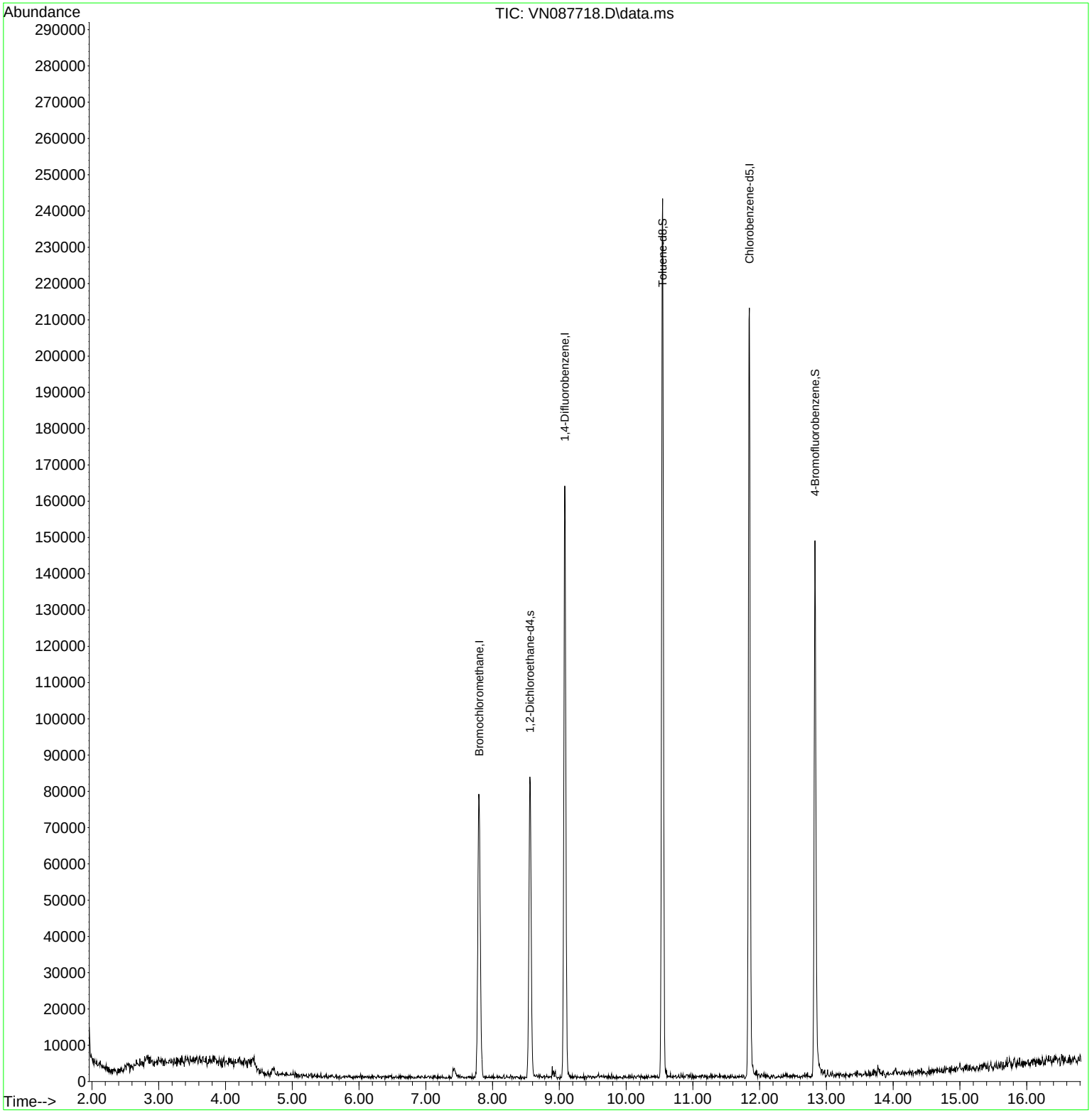
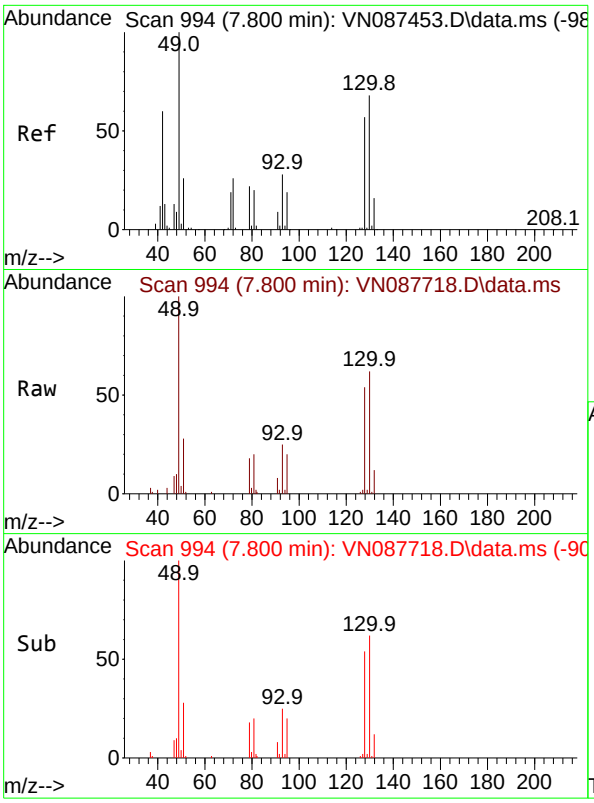


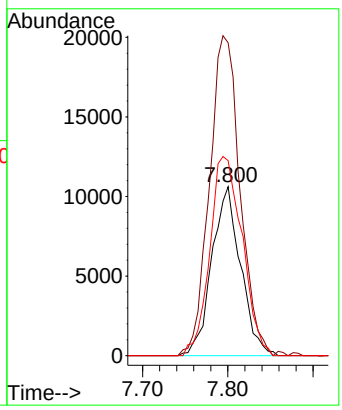


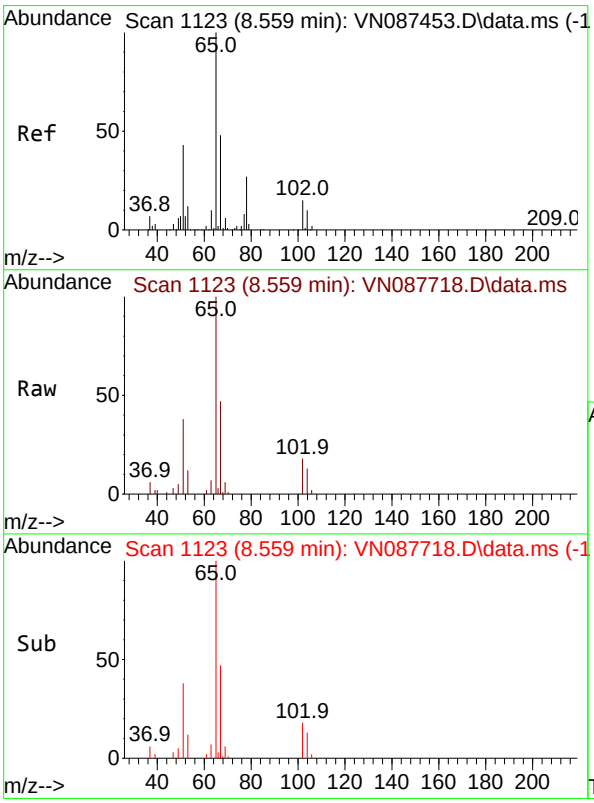
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
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

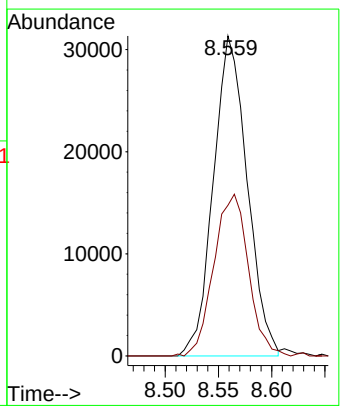


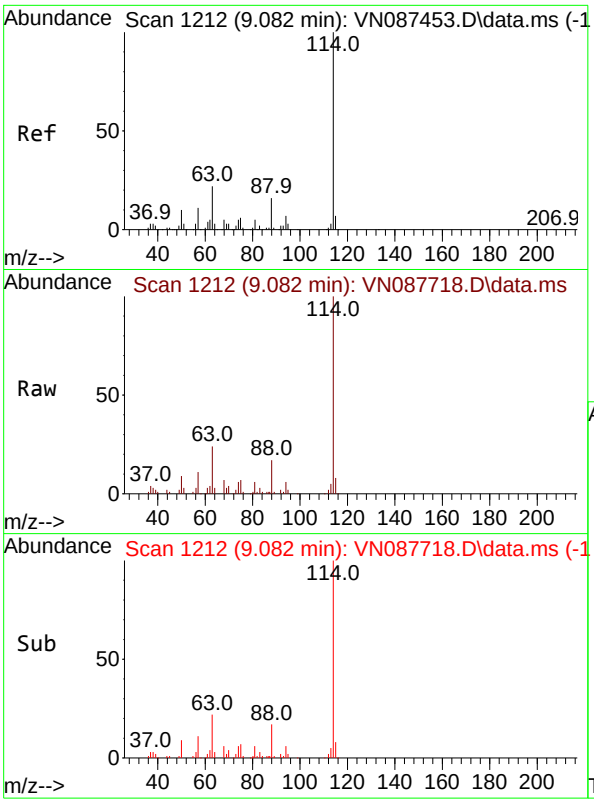


#27
1,2-Dichloroethane-d4
Concen: 29.999 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Tgt Ion: 65 Resp: 69122

Ion	Ratio	Lower	Upper
65	100		
67	51.6	40.8	61.2



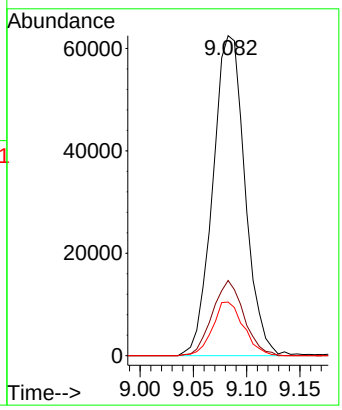


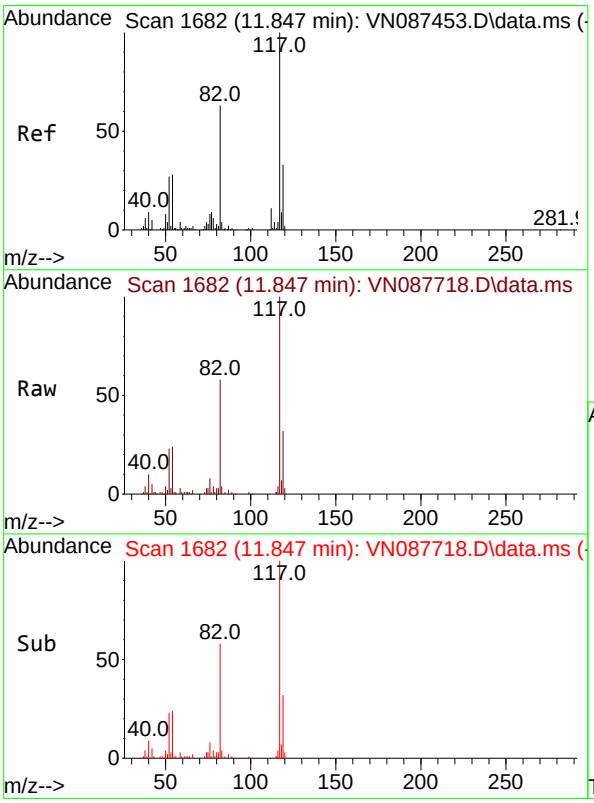
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20250903

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

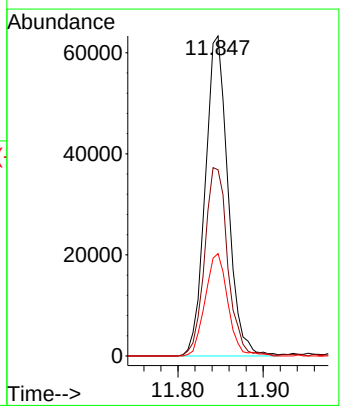


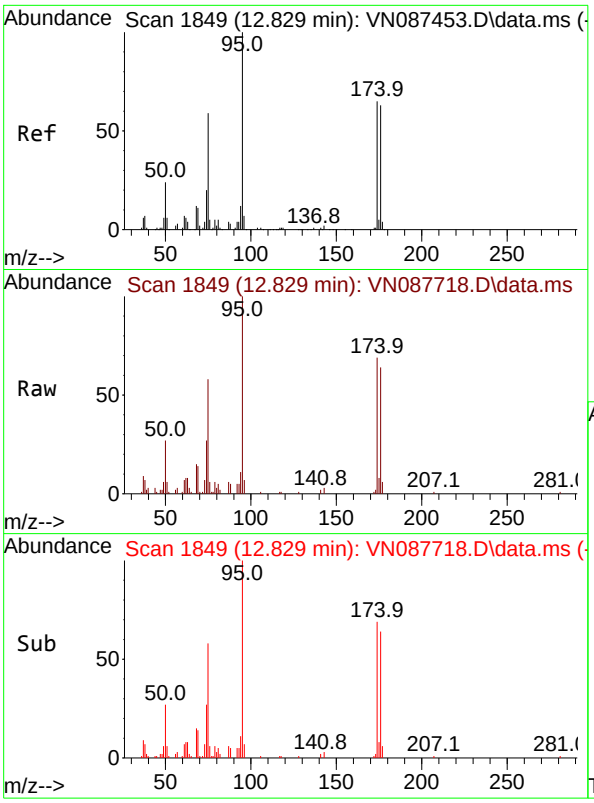


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

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



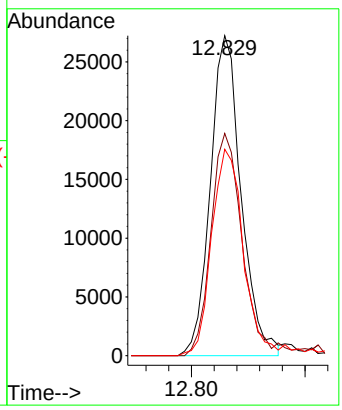


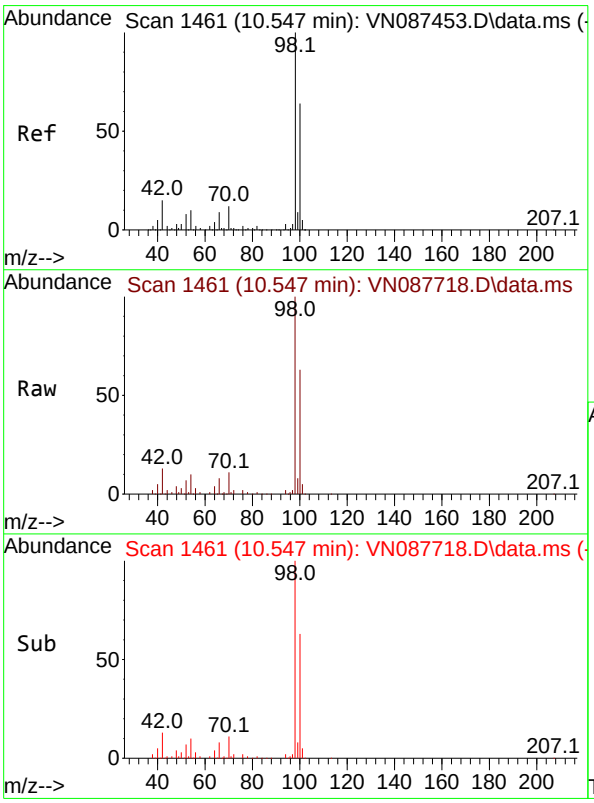
#60
4-Bromofluorobenzene
Concen: 25.326 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087718.D
Acq: 04 Sep 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20250903

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