Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
Data File : VN088063.D
Acq On : 17 Oct 2025 12:55
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 18 01:28:51 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	7.794	128	54829	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	306487	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	269269	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	139574	32.691	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.967%			
60) 4-Bromofluorobenzene	12.829	95	128043	28.845	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.133%			
63) Toluene-d8	10.541	98	369594	30.807	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.700%			
Target Compounds						Qvalue

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

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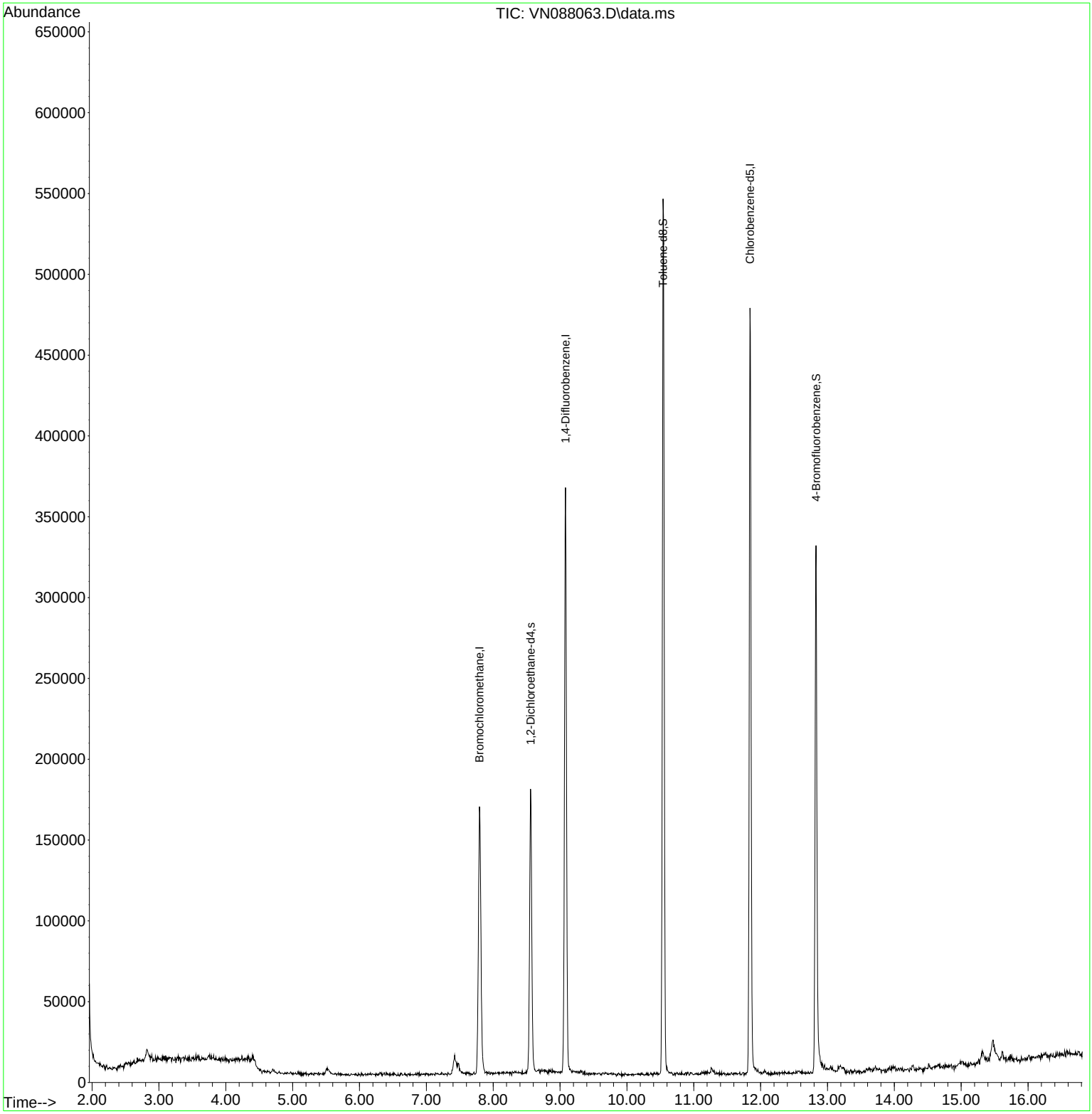
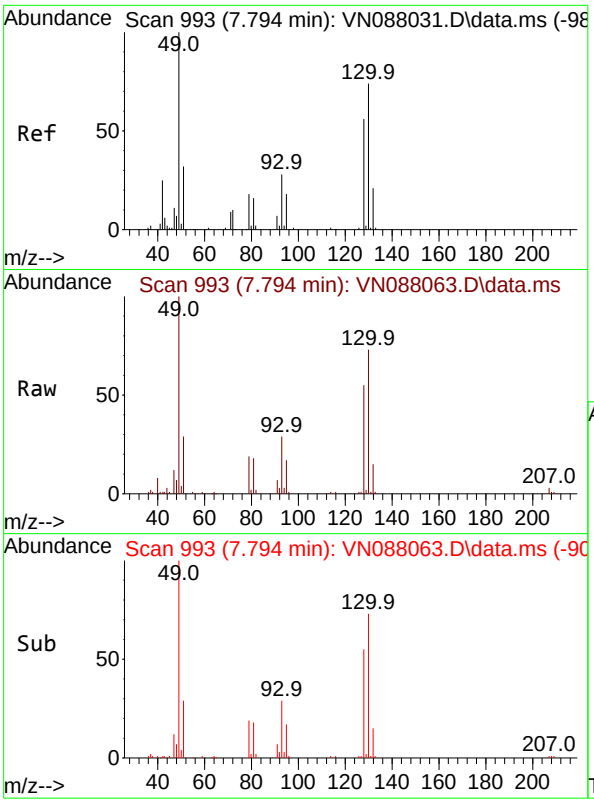


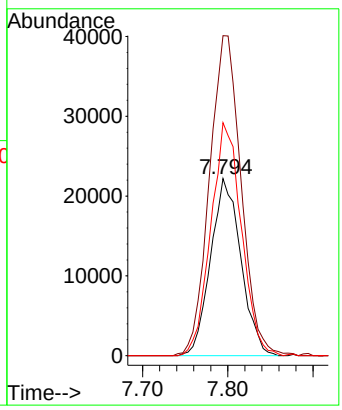


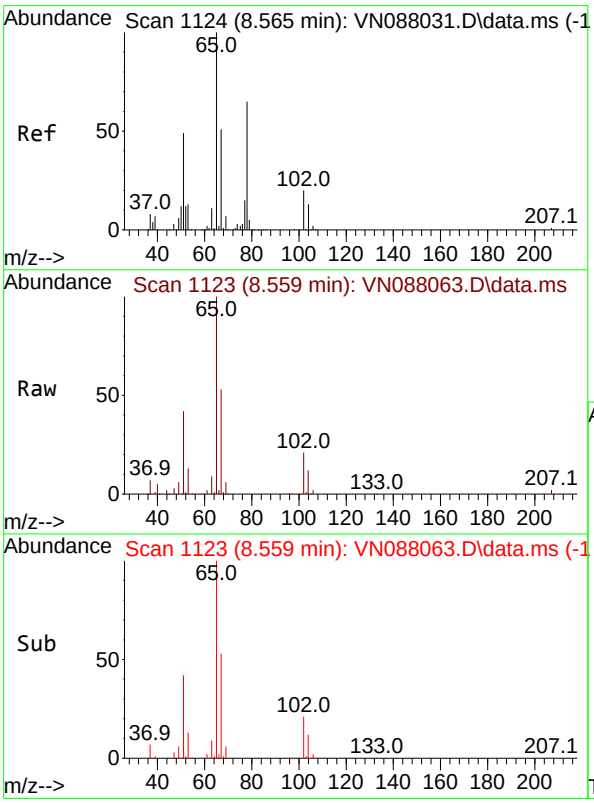
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN088063.D
Acq: 17 Oct 2025 12:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 54829

Ion	Ratio	Lower	Upper
128	100		
49	188.7	0.0	439.8
130	132.8	0.0	325.8

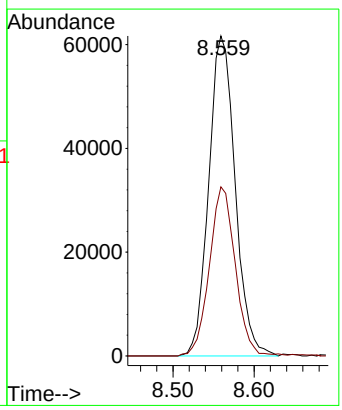


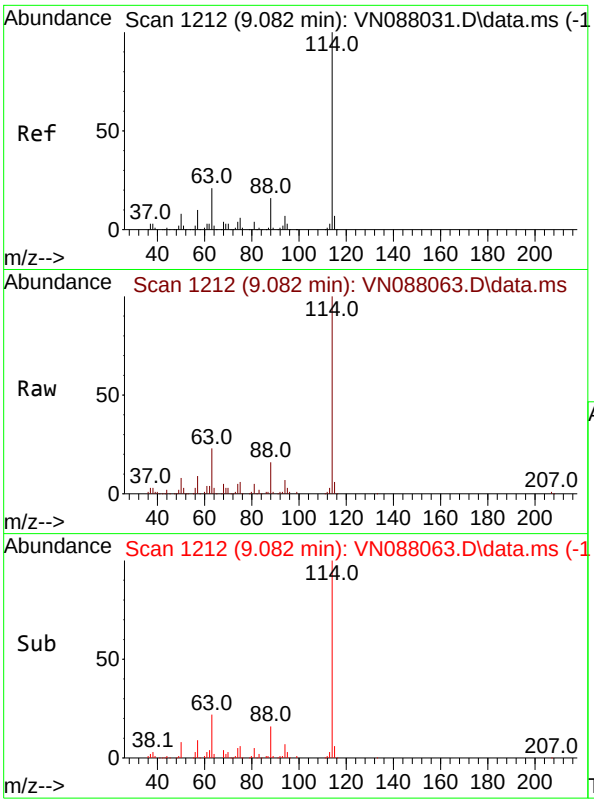


#27
1,2-Dichloroethane-d4
Concen: 32.691 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088063.D
Acq: 17 Oct 2025 12:55

Tgt Ion: 65 Resp: 139574

Ion	Ratio	Lower	Upper
65	100		
67	51.3	41.9	62.9



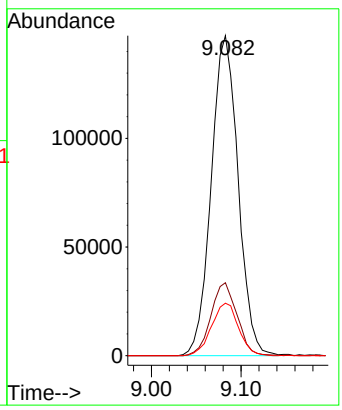


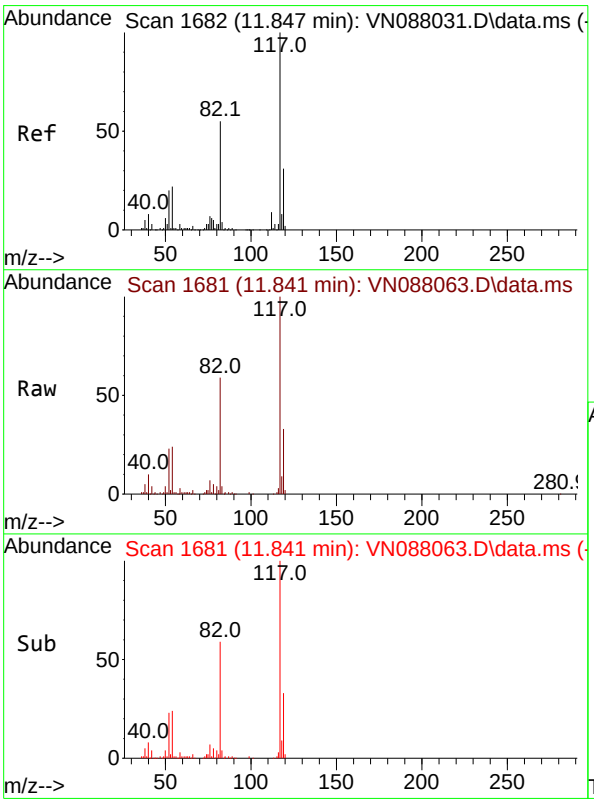
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088063.D
Acq: 17 Oct 2025 12:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 306487

Ion	Ratio	Lower	Upper
114	100		
63	22.1	16.6	25.0
88	16.5	12.6	18.8

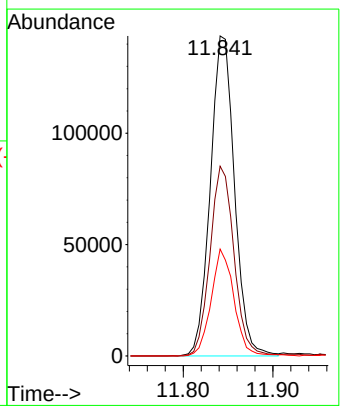


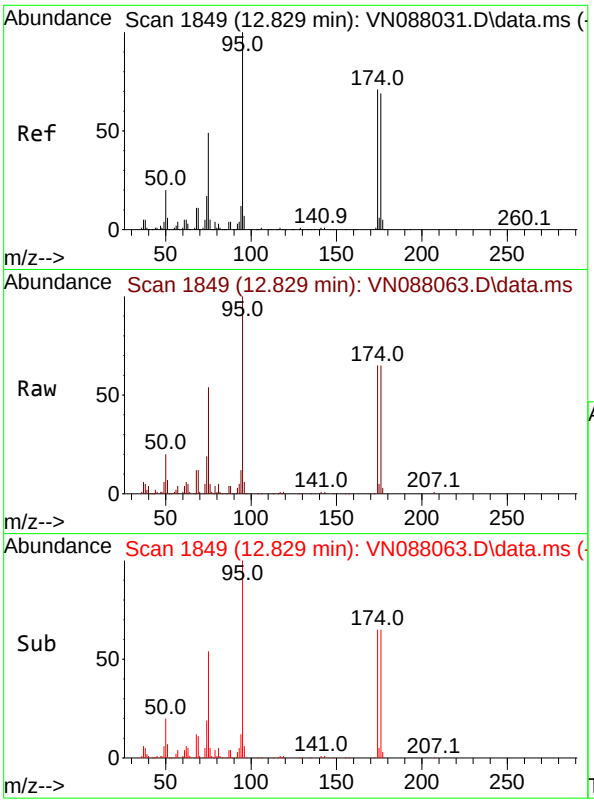


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088063.D
Acq: 17 Oct 2025 12:55

Tgt Ion:117 Resp: 269269

Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.2	67.8
119	31.3	25.9	38.9



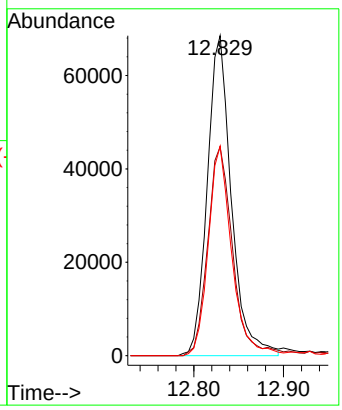


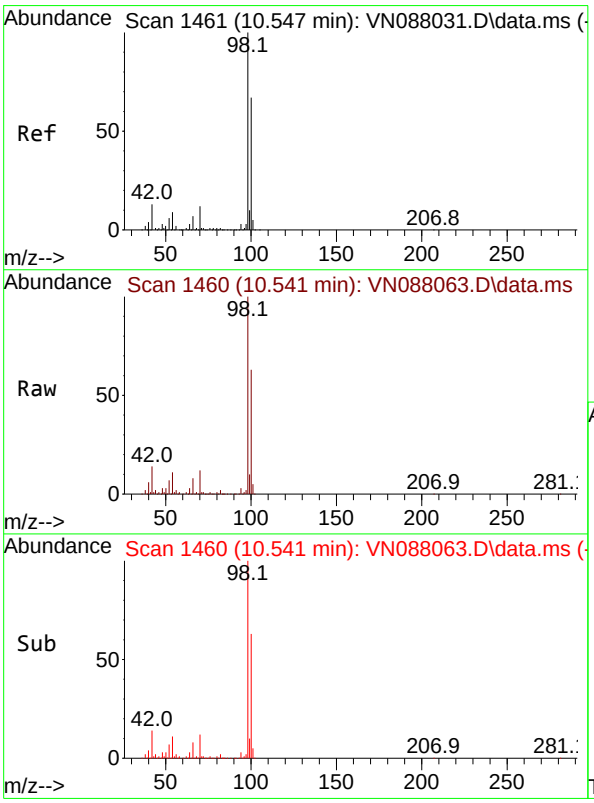
#60
4-Bromofluorobenzene
Concen: 28.845 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088063.D
Acq: 17 Oct 2025 12:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 128043

Ion	Ratio	Lower	Upper
95	100		
174	66.0	57.4	86.0
176	63.6	57.0	85.4





#63
Toluene-d8
Concen: 30.807 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088063.D
Acq: 17 Oct 2025 12:55

Tgt Ion: 98 Resp: 369594

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7