Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082008.D
Acq On : 06 May 2024 14:48
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 07 00:28:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	31083	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	179060	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	152208	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	80394	30.892	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.967%			
60) 4-Bromofluorobenzene	12.853	95	69970	27.623	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.067%			
63) Toluene-d8	10.571	98	219500	30.366	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.233%			
Target Compounds						Qvalue

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

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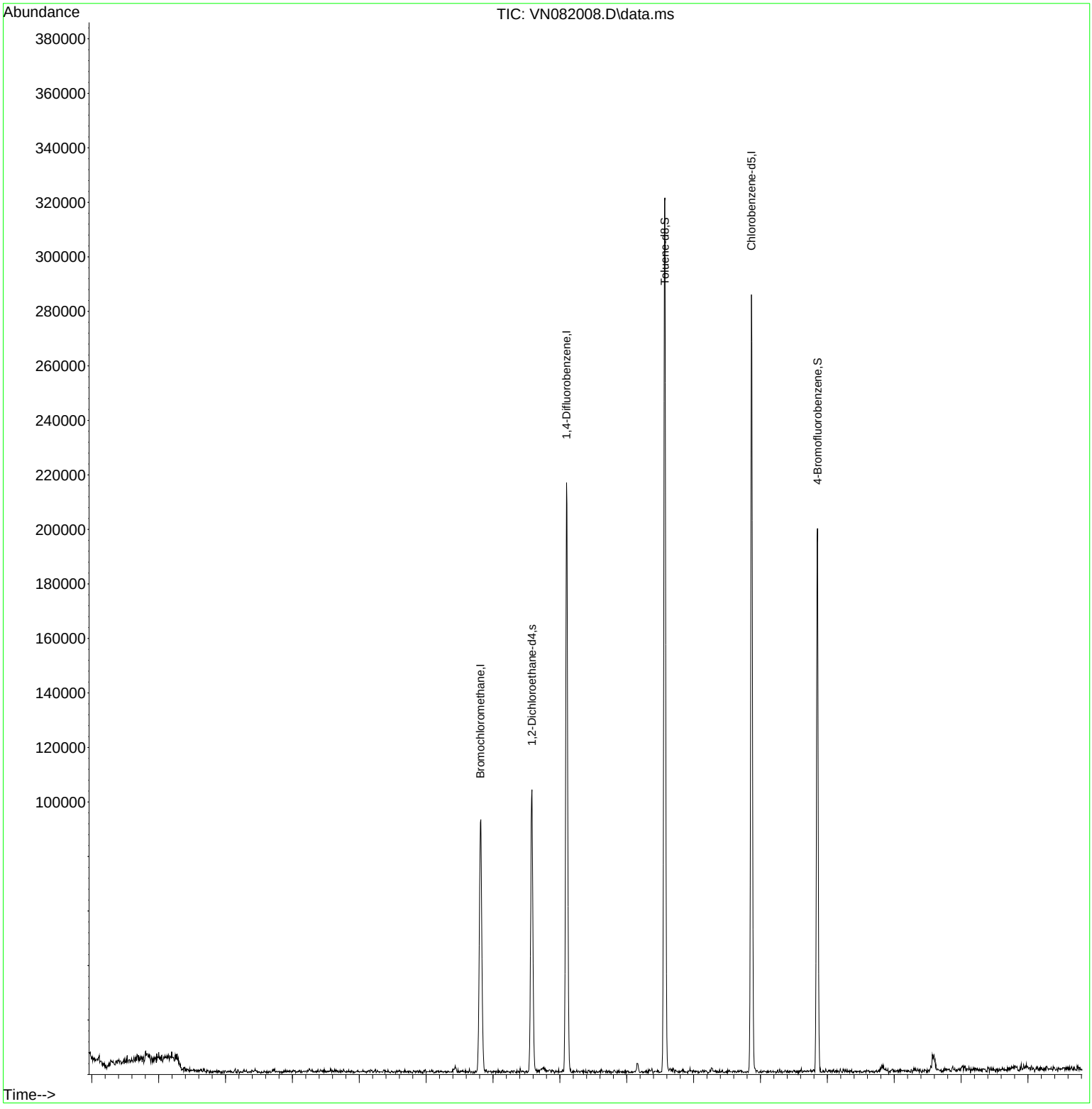
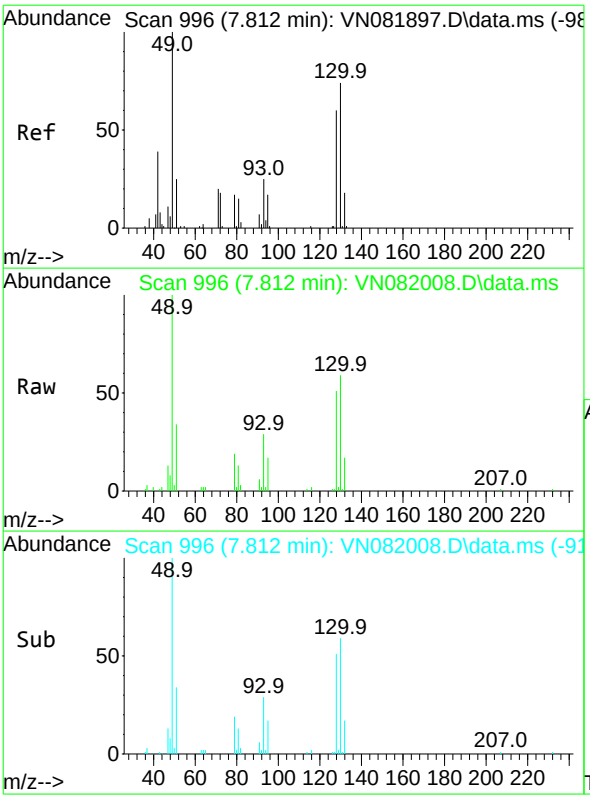


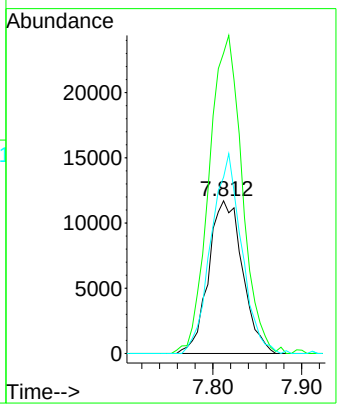


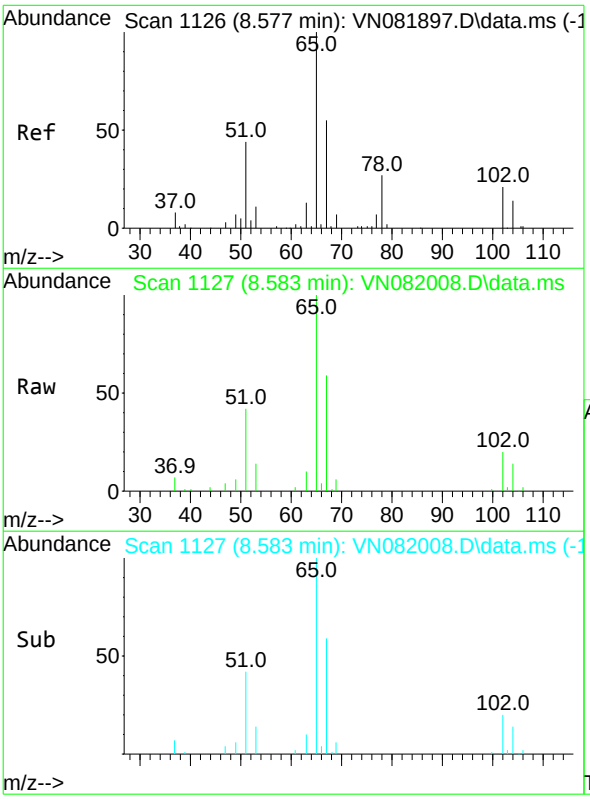
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN082008.D
Acq: 06 May 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 31083

Ion	Ratio	Lower	Upper
128	100		
49	202.5	0.0	403.7
130	117.6	0.0	323.3

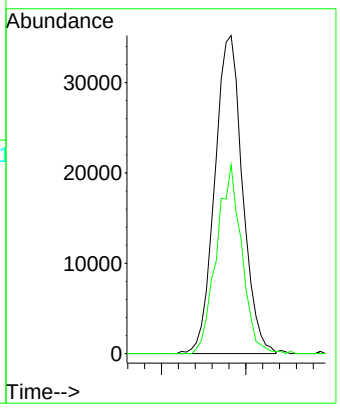


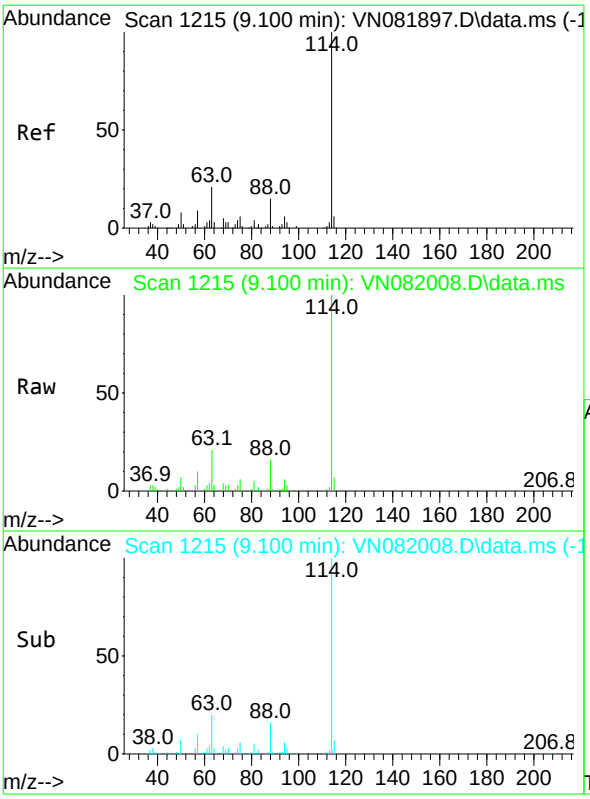


#27
1,2-Dichloroethane-d4
Concen: 30.892 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082008.D
Acq: 06 May 2024 14:48

Tgt Ion: 65 Resp: 80394

Ion	Ratio	Lower	Upper
65	100		
67	53.9	43.2	64.8



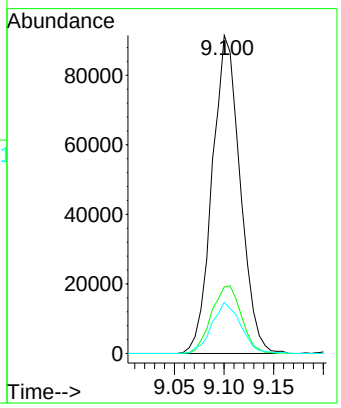


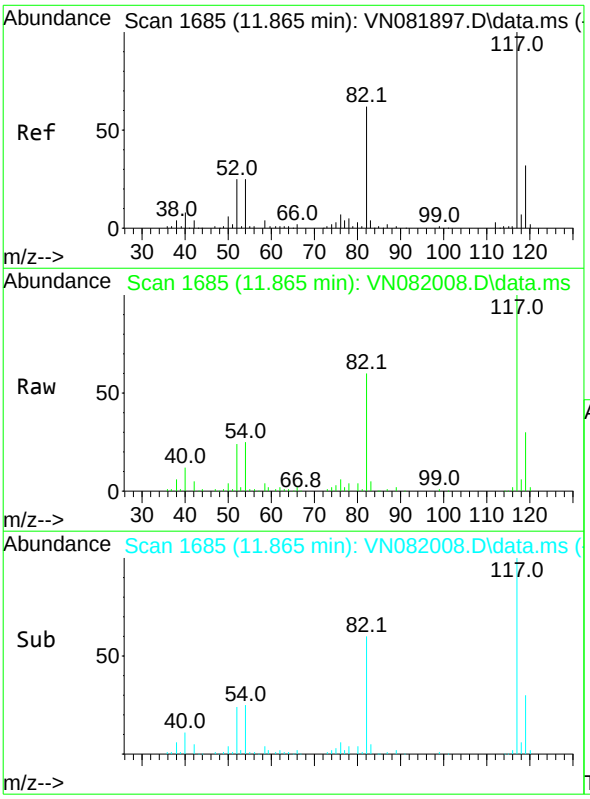
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. -0.000 min
Lab File: VN082008.D
Acq: 06 May 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 179060

Ion	Ratio	Lower	Upper
114	100		
63	22.7	15.9	23.9
88	16.7	12.7	19.1

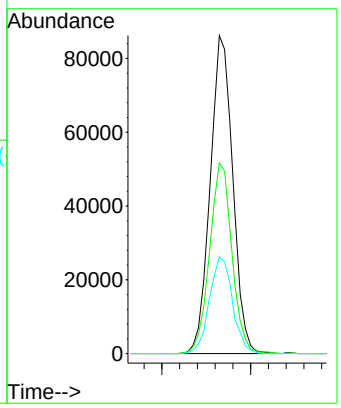


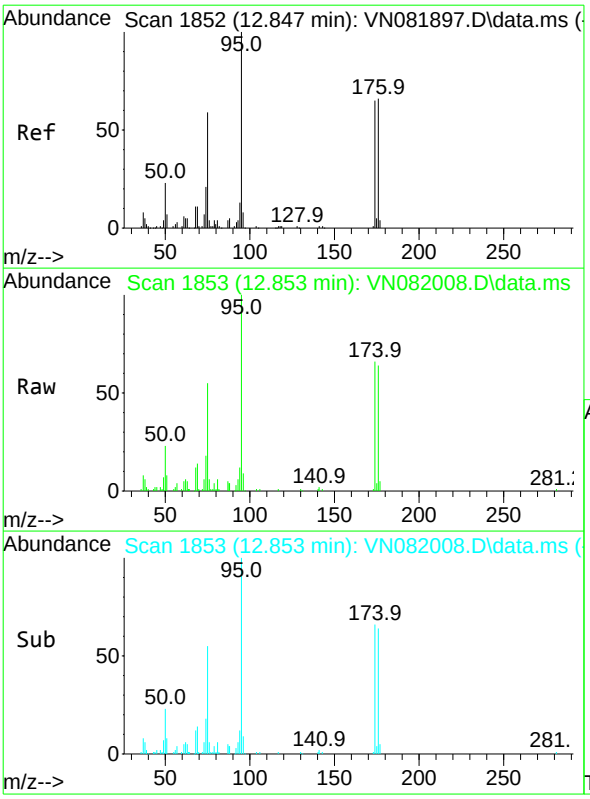


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082008.D
Acq: 06 May 2024 14:48

Tgt Ion:117 Resp: 152208

Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.6	69.8
119	31.0	25.4	38.2



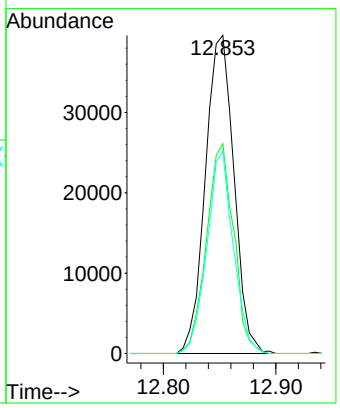


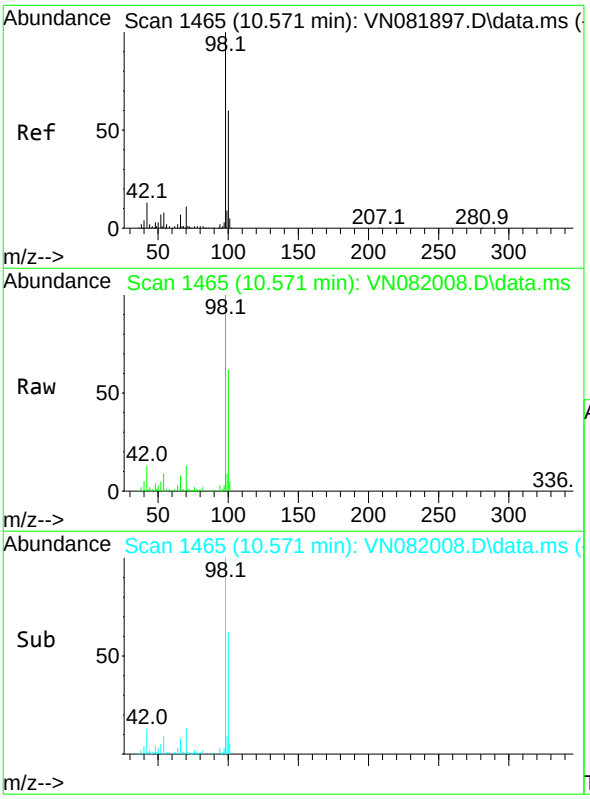
#60
4-Bromofluorobenzene
Concen: 27.623 ug/l
RT: 12.853 min Scan# 18
Delta R.T. 0.006 min
Lab File: VN082008.D
Acq: 06 May 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 69970

Ion	Ratio	Lower	Upper
95	100		
174	62.7	60.5	90.7
176	58.6	57.8	86.6





#63
Toluene-d8
Concen: 30.366 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082008.D
Acq: 06 May 2024 14:48

Tgt Ion: 98 Resp: 219500

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.7	79.1