Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
Data File : VN079627.D
Acq On : 20 Oct 2023 14:40
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 20 23:49:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 18 02:19:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.818	128	19464	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	124237	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	145221	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	83378	30.129	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.433%			
60) 4-Bromofluorobenzene	12.853	95	52711	19.848	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 66.167%			
63) Toluene-d8	10.571	98	179276	28.809	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.033%			

Target Compounds Qvalue

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

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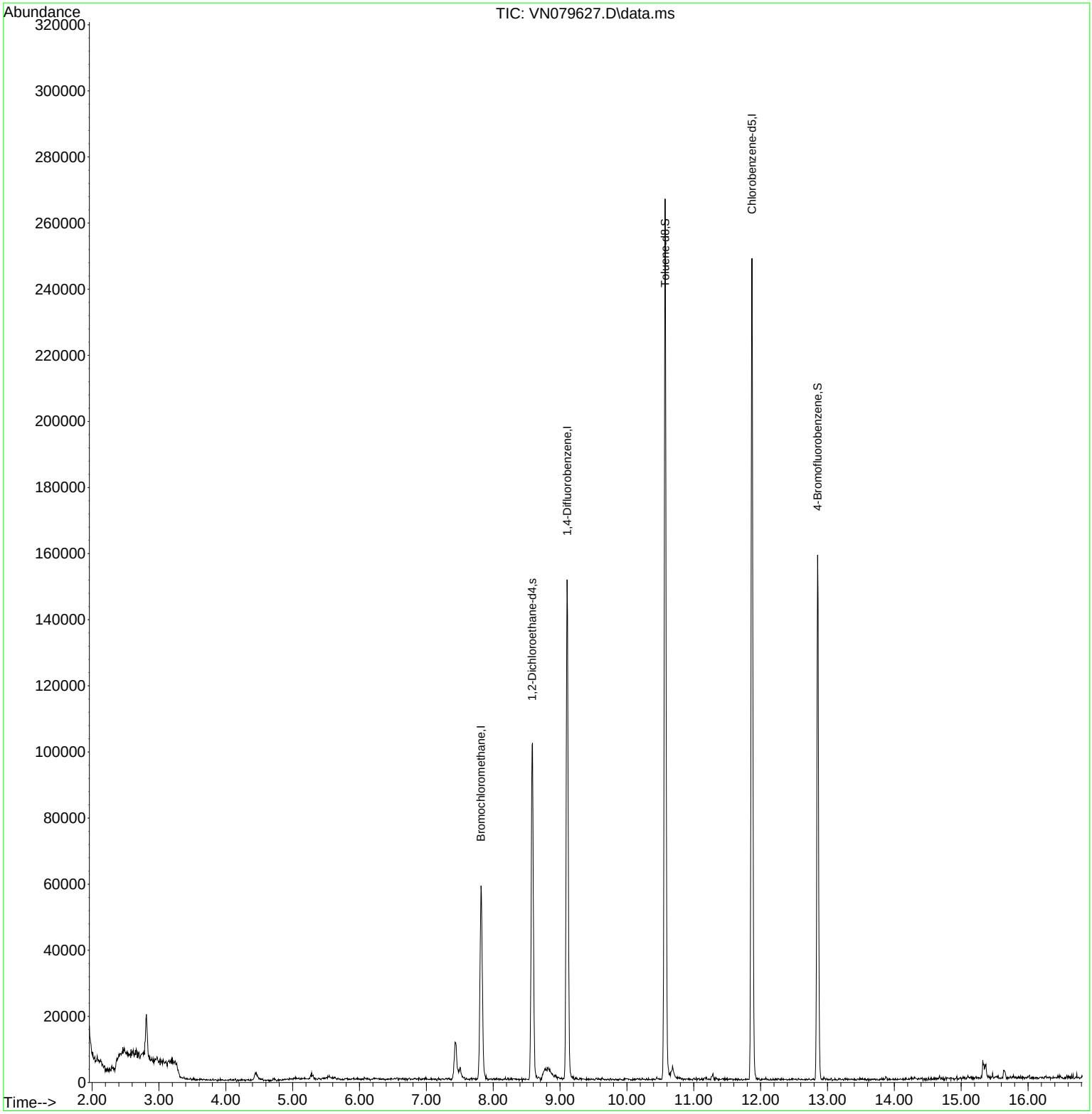
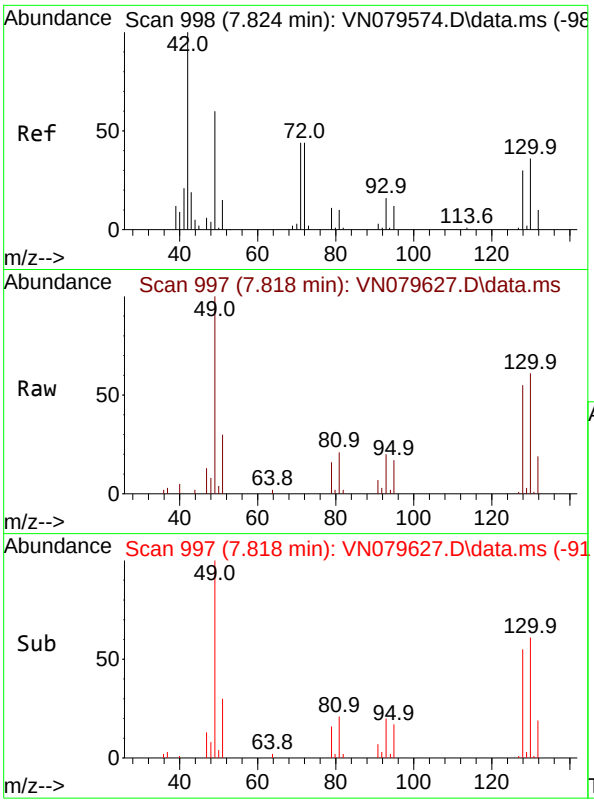


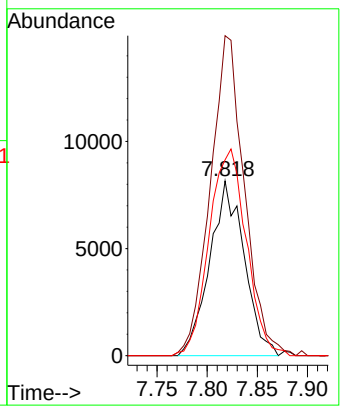


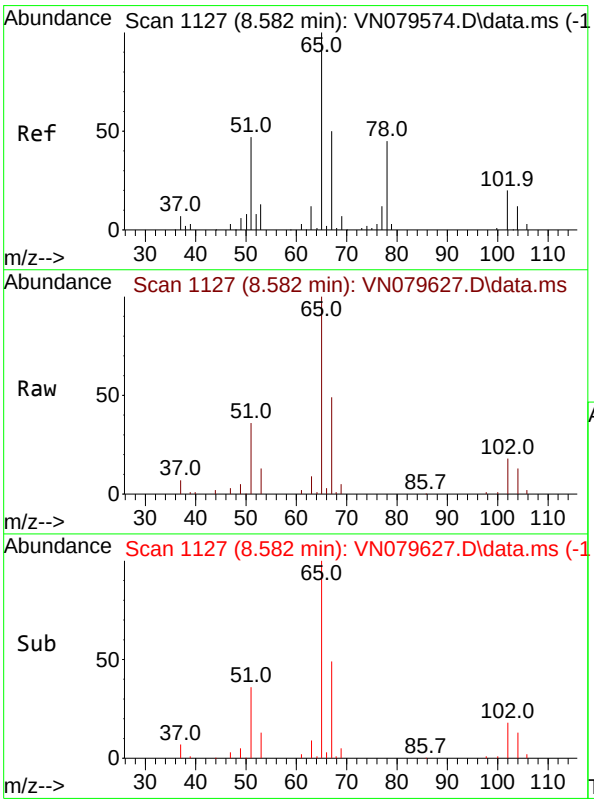
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN079627.D
Acq: 20 Oct 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 19464

Ion	Ratio	Lower	Upper
128	100		
49	181.4	0.0	468.5
130	128.3	0.0	320.7

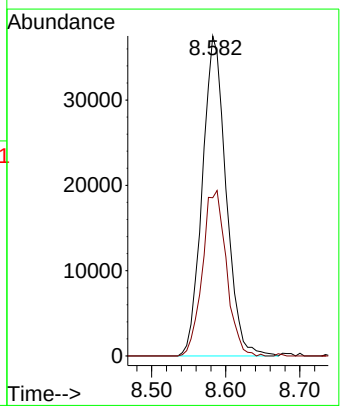


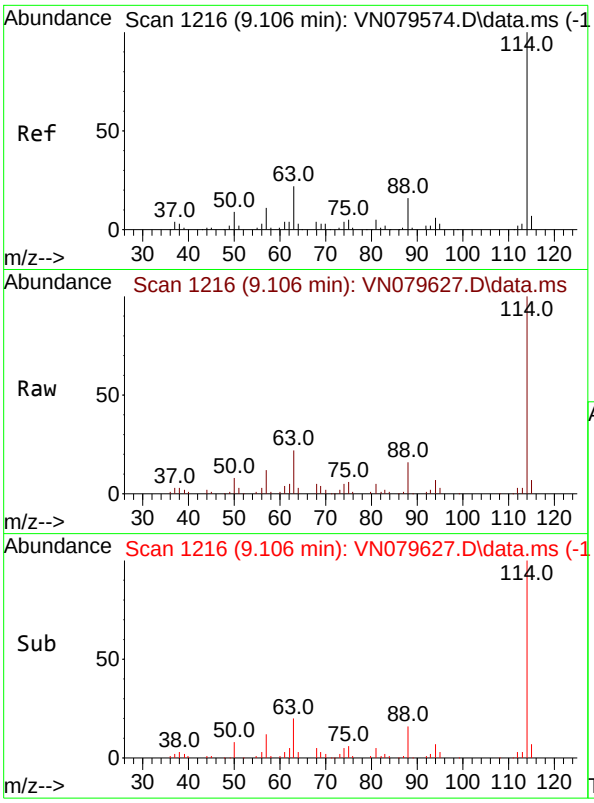


#27
1,2-Dichloroethane-d4
Concen: 30.129 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079627.D
Acq: 20 Oct 2023 14:40

Tgt Ion: 65 Resp: 83378

Ion	Ratio	Lower	Upper
65	100		
67	52.1	42.1	63.1



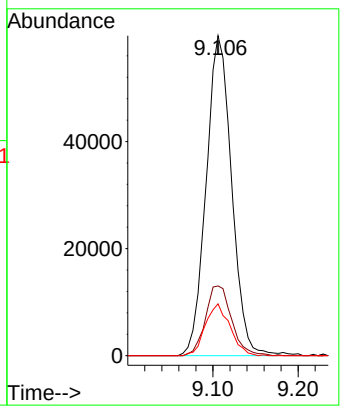


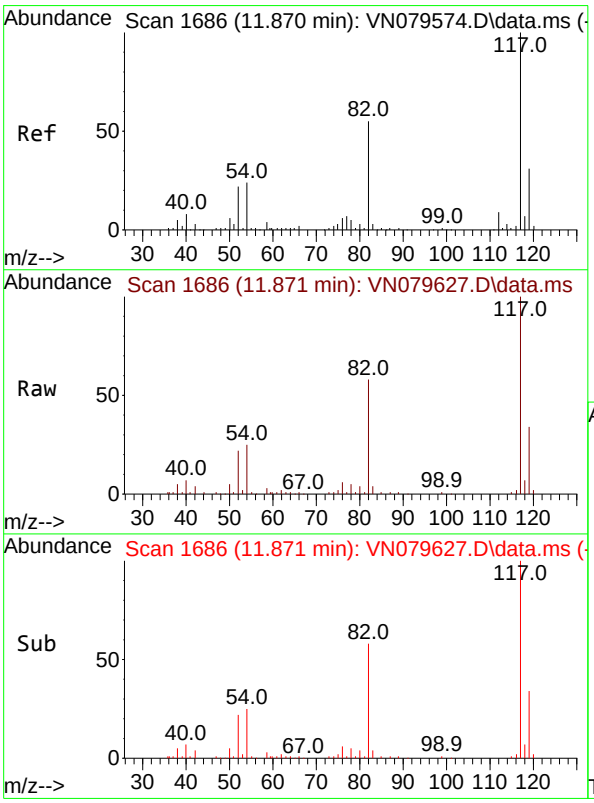
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079627.D
Acq: 20 Oct 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 124237

Ion	Ratio	Lower	Upper
114	100		
63	22.3	18.1	27.1
88	15.7	12.2	18.2

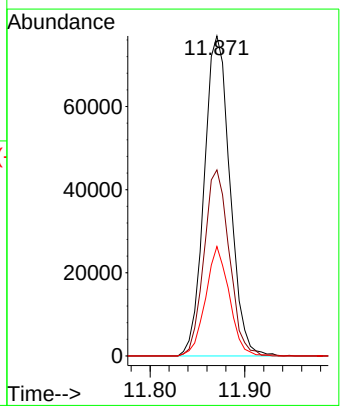


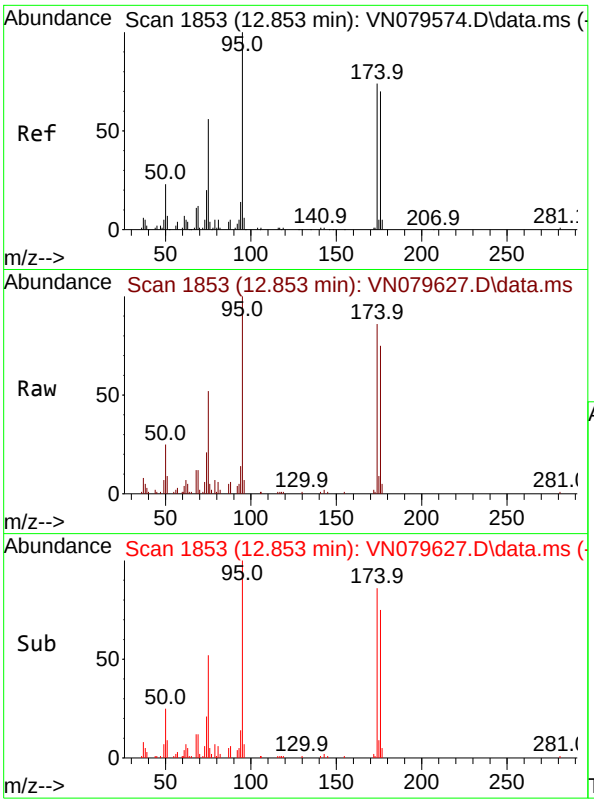


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079627.D
Acq: 20 Oct 2023 14:40

Tgt Ion:117 Resp: 145221

Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.2	69.2
119	31.5	25.2	37.8



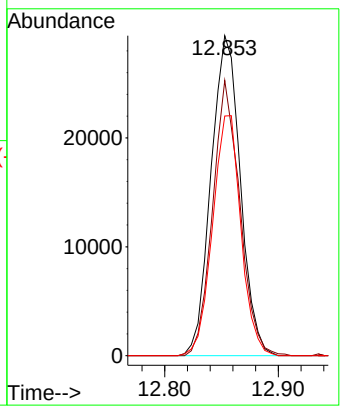


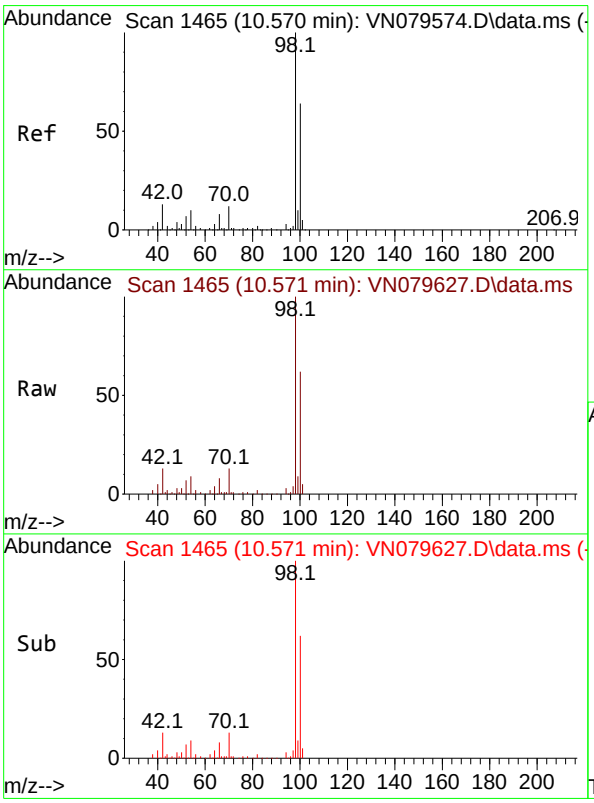
#60
4-Bromofluorobenzene
Concen: 19.848 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079627.D
Acq: 20 Oct 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
IBLK

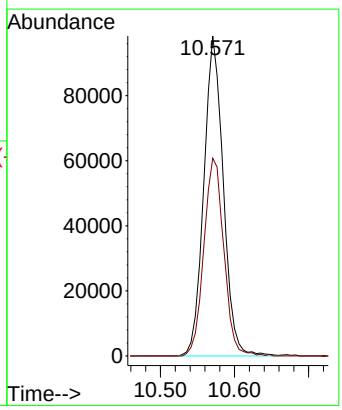
Tgt Ion: 95 Resp: 52711

Ion	Ratio	Lower	Upper
95	100		
174	79.8	60.5	90.7
176	72.7	57.2	85.8





#63
Toluene-d8
Concen: 28.809 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079627.D
Acq: 20 Oct 2023 14:40

Tgt Ion: 98 Resp: 179276

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.6	77.4