Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
Data File : VN072500.D
Acq On : 16 May 2022 14:16
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 17 07:39:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 17 06:34:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.651	128	24838	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	140246	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	121836	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	89077	31.871	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.233%			
60) 4-Bromofluorobenzene	12.727	95	59248	24.906	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.033%			
63) Toluene-d8	10.439	98	204027	30.677	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.267%			
Target Compounds						Qvalue

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

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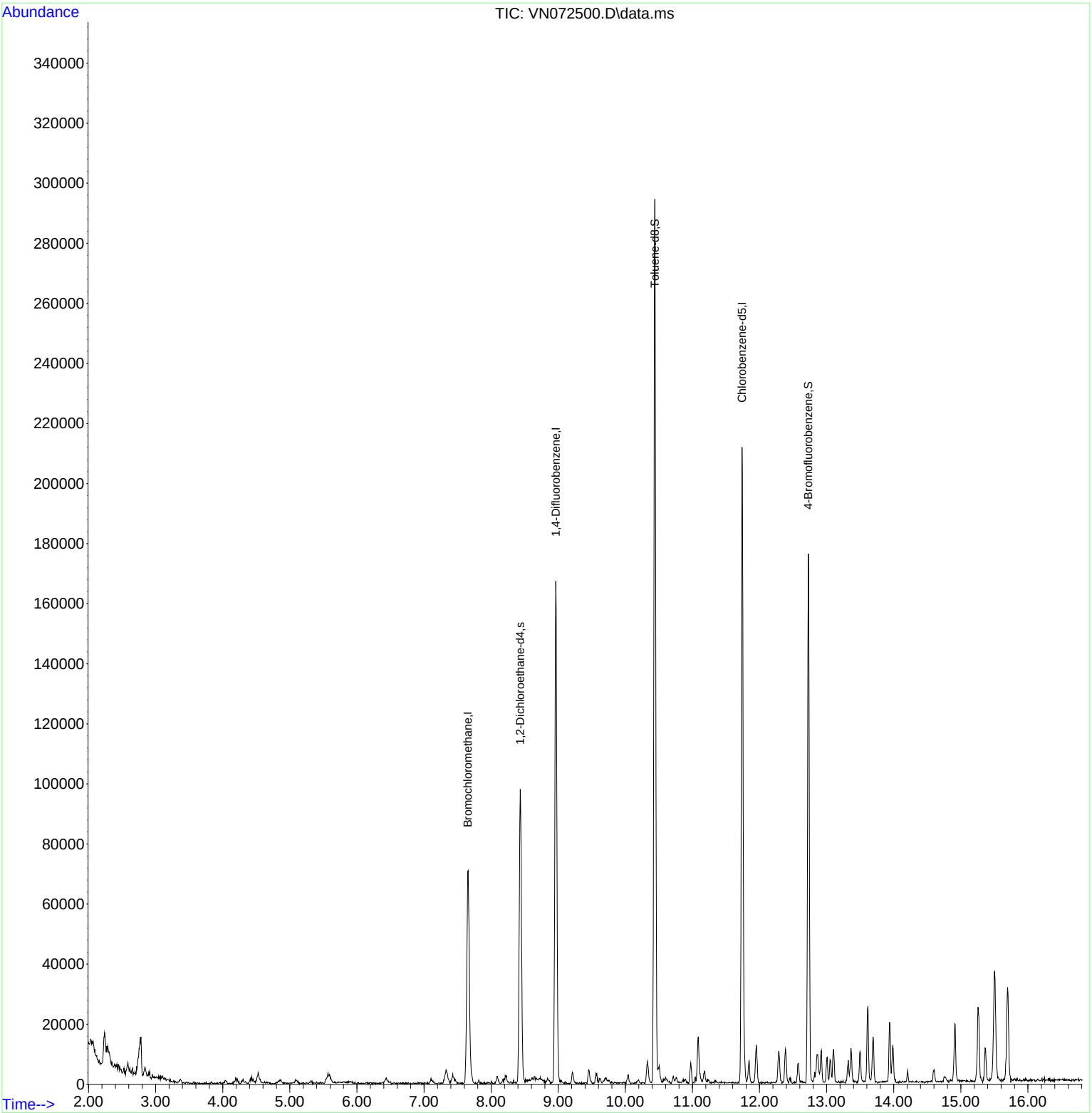
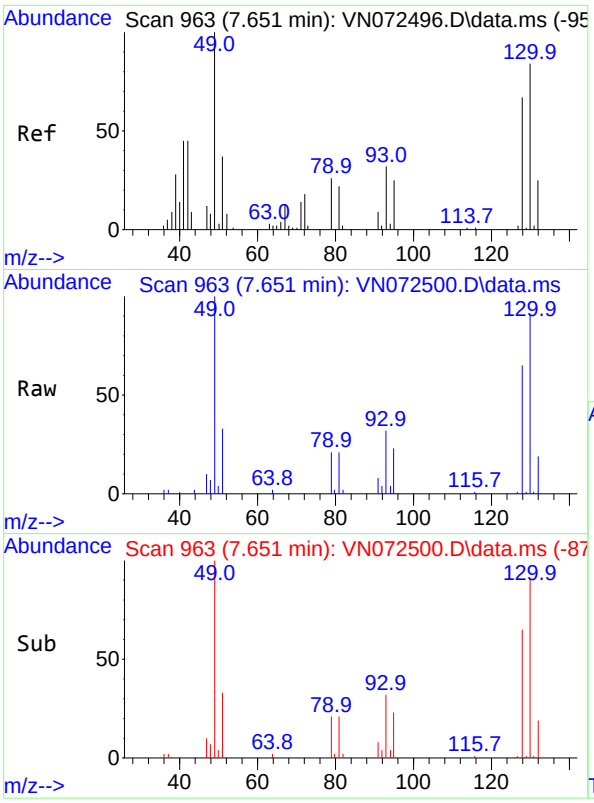


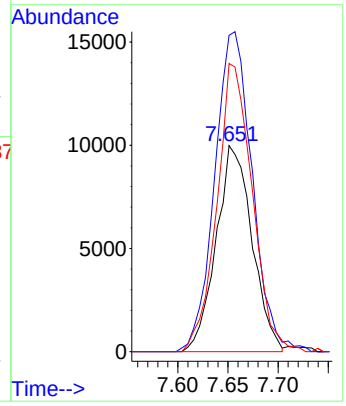


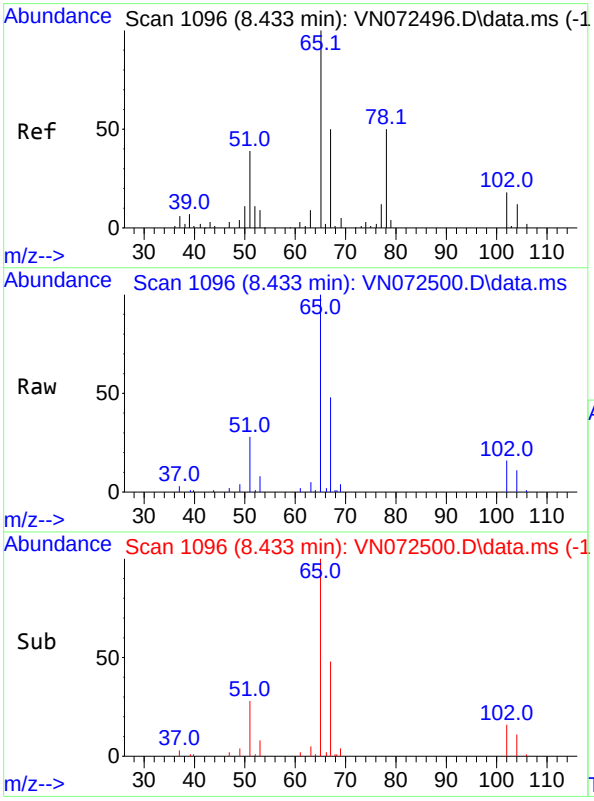
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN072500.D
Acq: 16 May 2022 14:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 24838

Ion	Ratio	Lower	Upper
128	100		
49	161.8	0.0	392.3
130	138.0	0.0	320.2

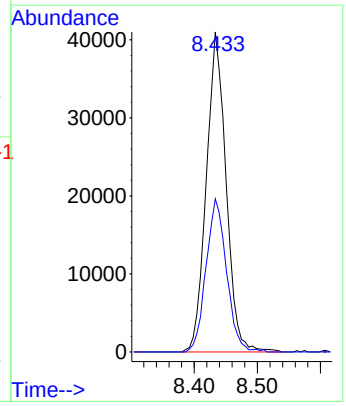


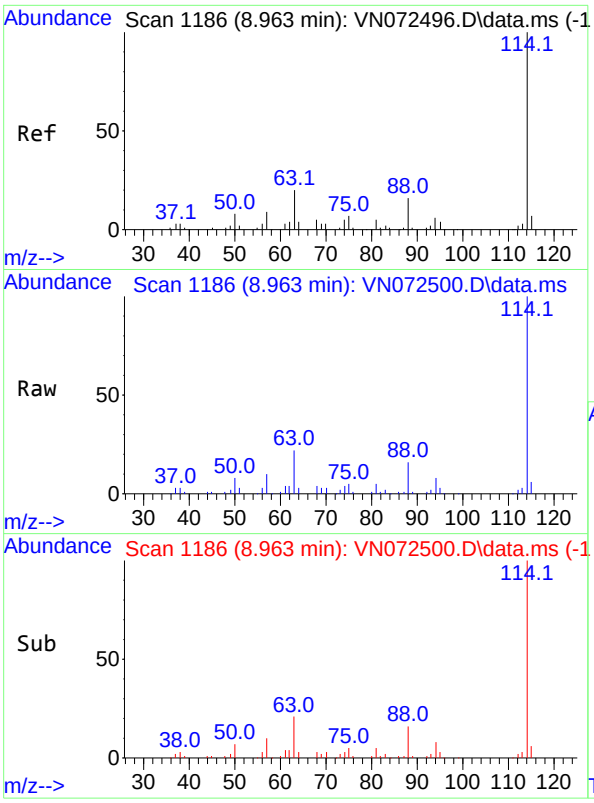


#27
1,2-Dichloroethane-d4
Concen: 31.871 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072500.D
Acq: 16 May 2022 14:16

Tgt Ion: 65 Resp: 89077

Ion	Ratio	Lower	Upper
65	100		
67	49.2	40.2	60.2



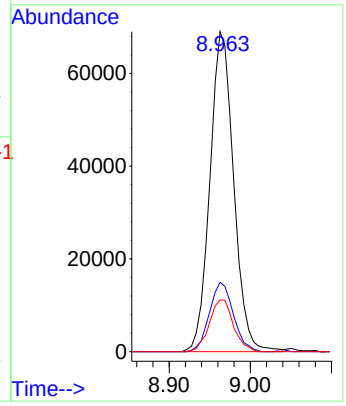


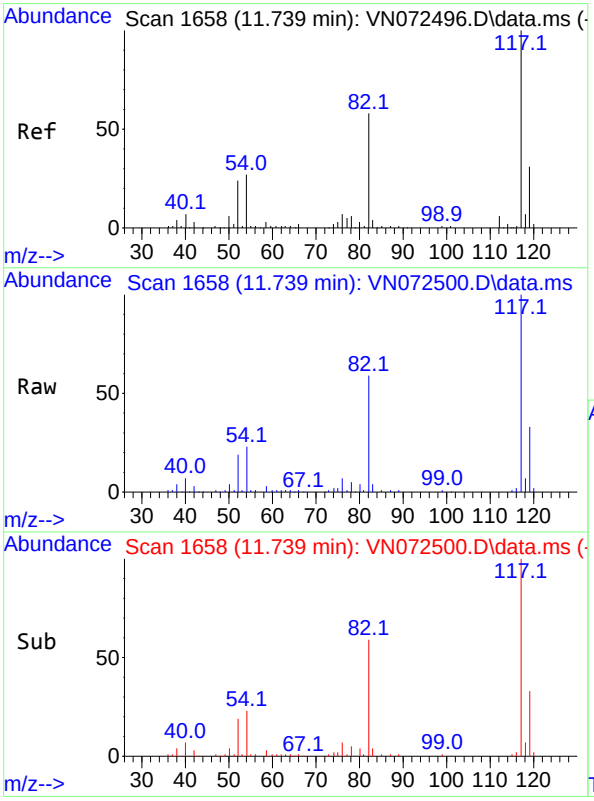
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072500.D
Acq: 16 May 2022 14:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 140246

Ion	Ratio	Lower	Upper
114	100		
63	21.9	15.8	23.6
88	16.4	11.6	17.4

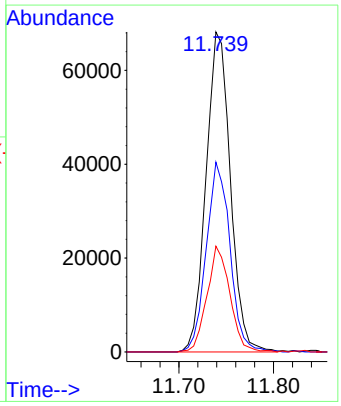


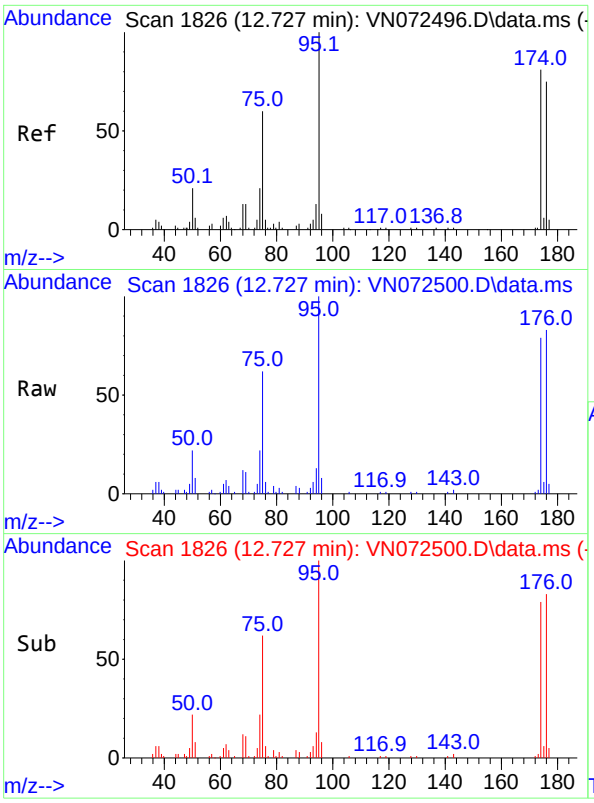


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072500.D
Acq: 16 May 2022 14:16

Tgt Ion:117 Resp: 121836

Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.6	65.4
119	31.0	25.8	38.6



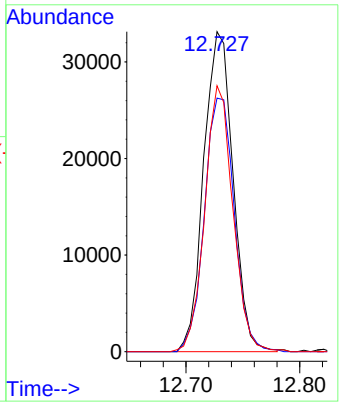


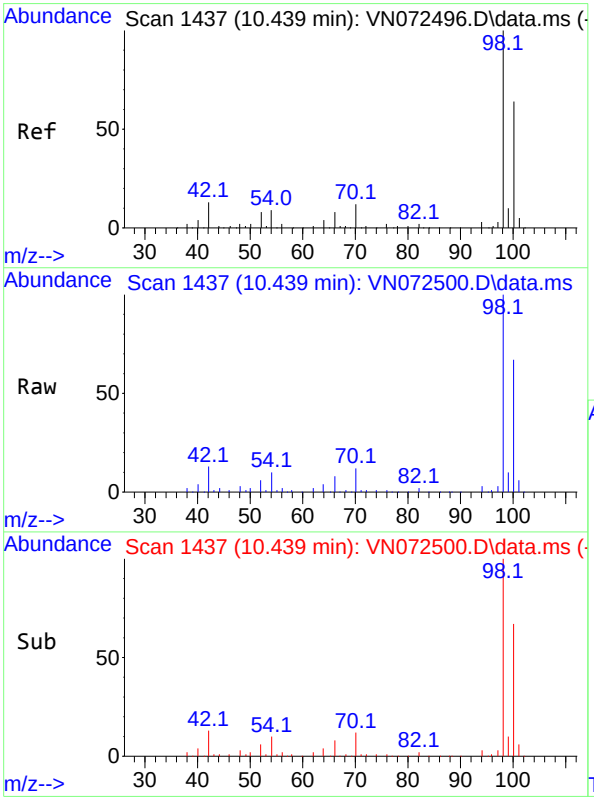
#60
4-Bromofluorobenzene
Concen: 24.906 ug/l
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072500.D
Acq: 16 May 2022 14:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 59248

Ion	Ratio	Lower	Upper
95	100		
174	81.1	62.9	94.3
176	79.8	61.0	91.4





#63
Toluene-d8
Concen: 30.677 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072500.D
Acq: 16 May 2022 14:16

Tgt Ion: 98 Resp: 204027

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.6	76.0