Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090418\
Data File : VN051008.D
Acq On : 4 Sep 2018 10:33
Operator : MD\SY
Sample : VN0904WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0904WBL02

Quant Time: Sep 04 10:54:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	112718	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	576903	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	474653	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	215295	29.93	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.77%			
60) 4-Bromofluorobenzene	12.40	95	147477	20.89	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 69.63%			
63) Toluene-d8	10.09	98	677889	30.63	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.10%			
Target Compounds						Qvalue

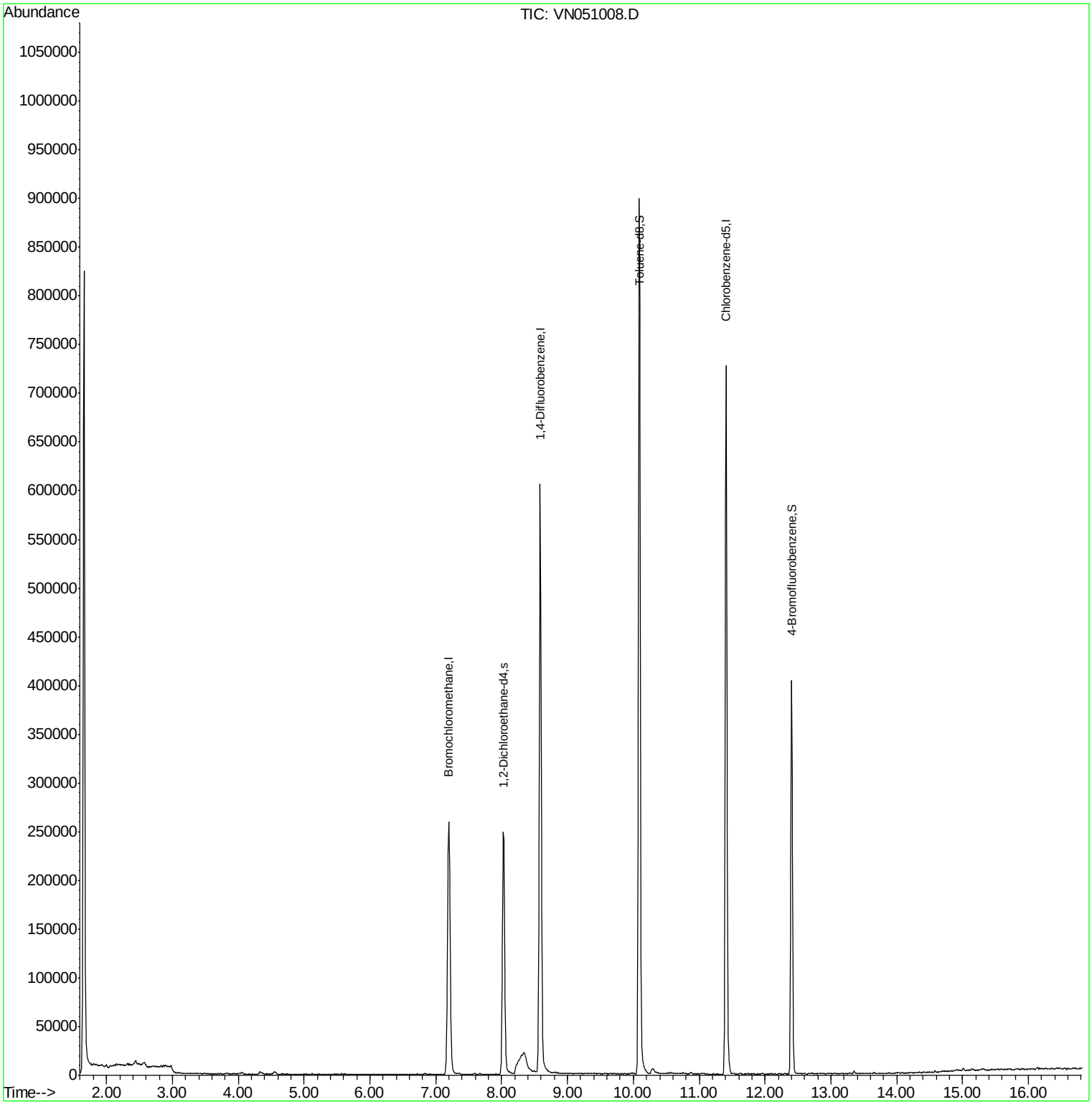
(#) = qualifier out of range (m) = manual integration (+) = signals summed

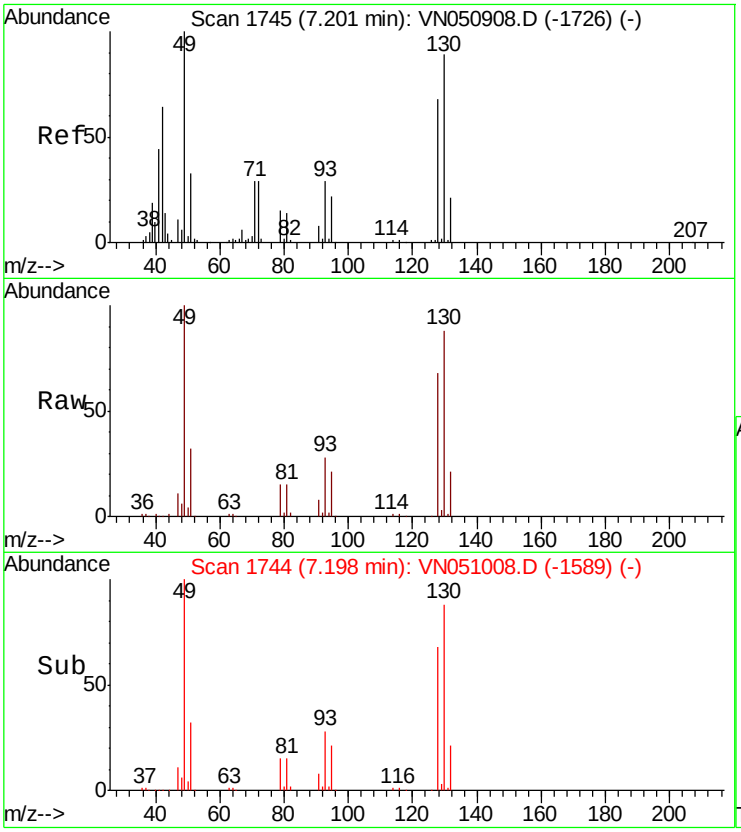
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090418\
Data File : VN051008.D
Acq On : 4 Sep 2018 10:33
Operator : MD\SY
Sample : VN0904WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBL02

Quant Time: Sep 04 10:54:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration



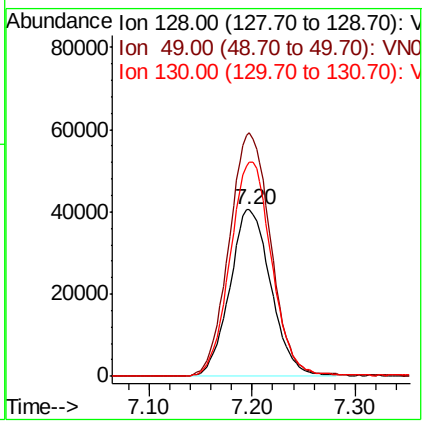


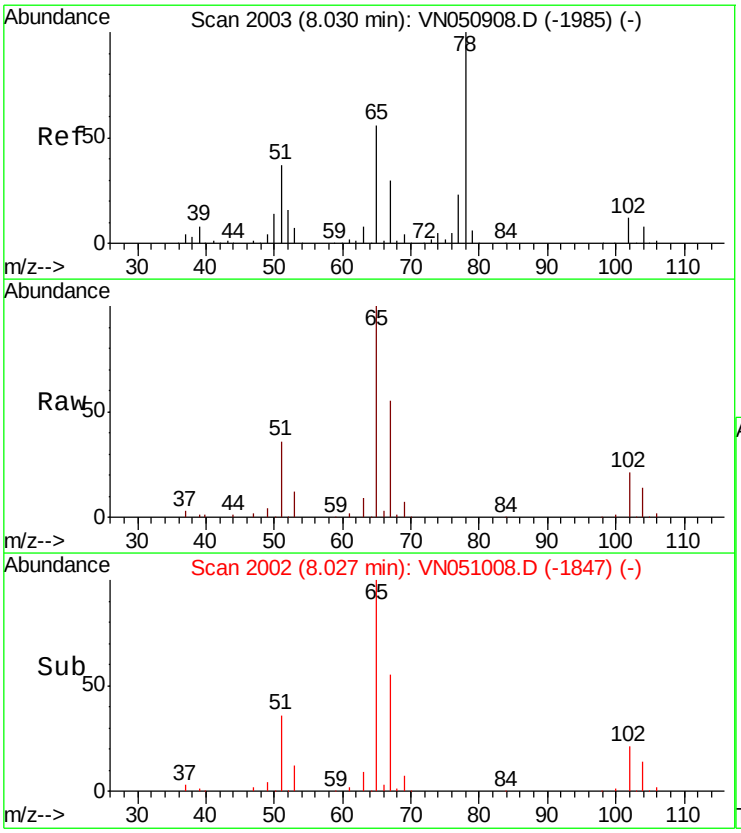
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VN051008.D
Acq: 4 Sep 2018 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBL02

Tgt Ion:128 Resp: 112718

Ion	Ratio	Lower	Upper
128	100		
49	146.9	0.0	380.3
130	129.5	0.0	325.3

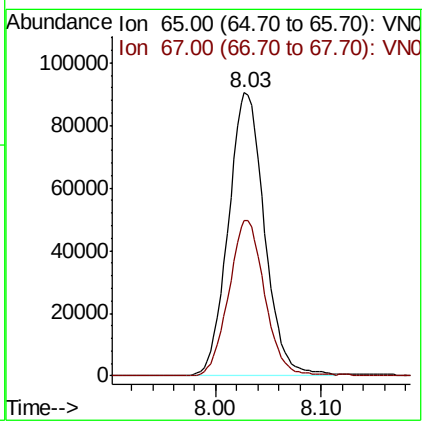


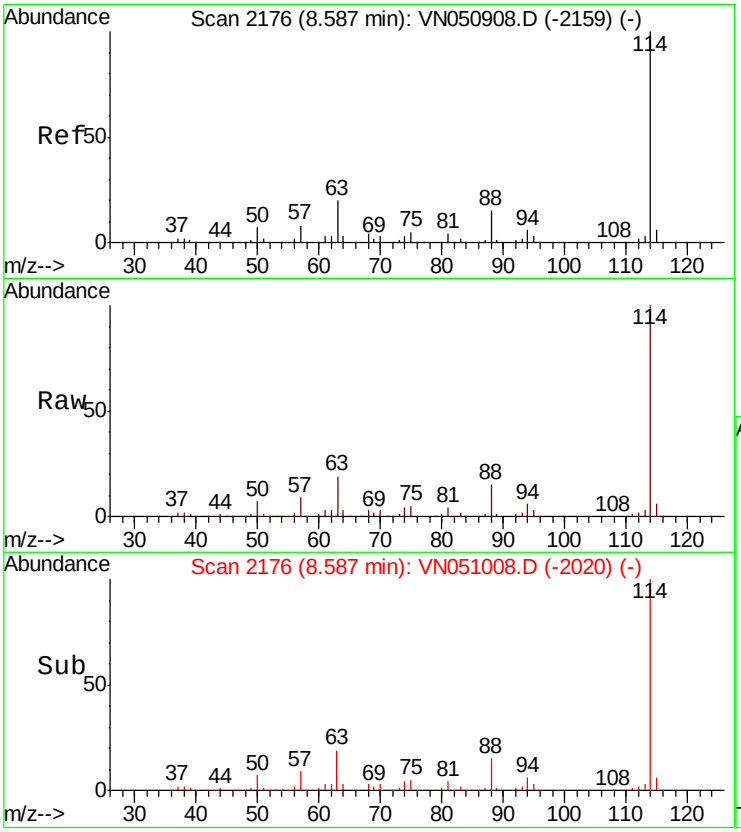


#27
1,2-Dichloroethane-d4
Concen: 29.93 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN051008.D
Acq: 4 Sep 2018 10:33

Tgt Ion: 65 Resp: 215295

Ion	Ratio	Lower	Upper
65	100		
67	54.3	43.7	65.5



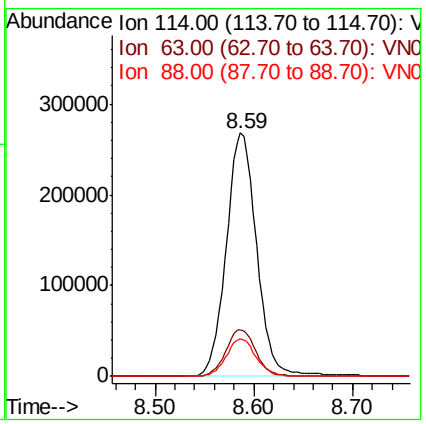


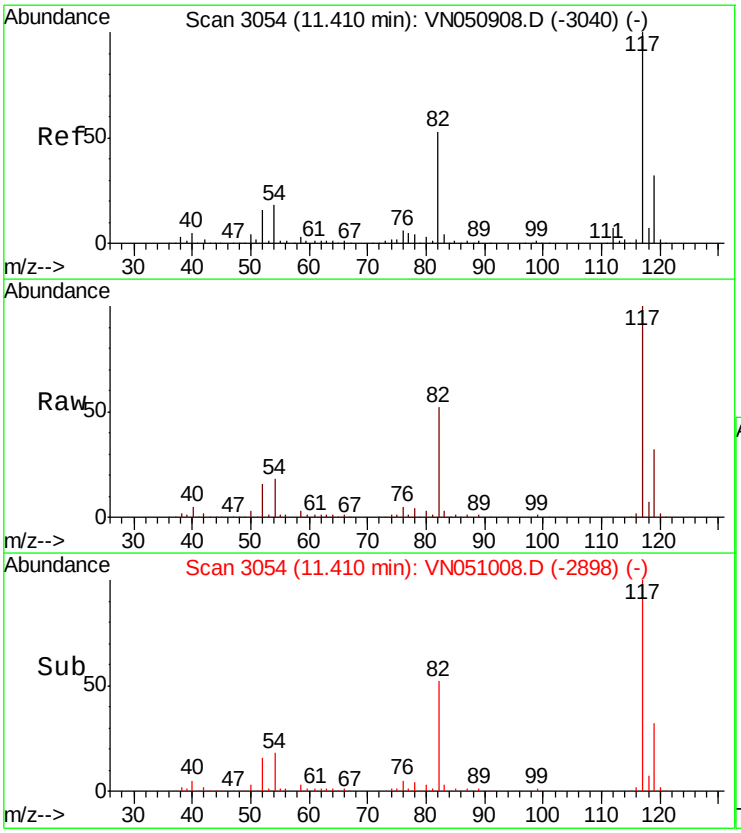
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN051008.D
Acq: 4 Sep 2018 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBL02

Tgt Ion:114 Resp: 576903

Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.6	23.4
88	15.2	12.2	18.4

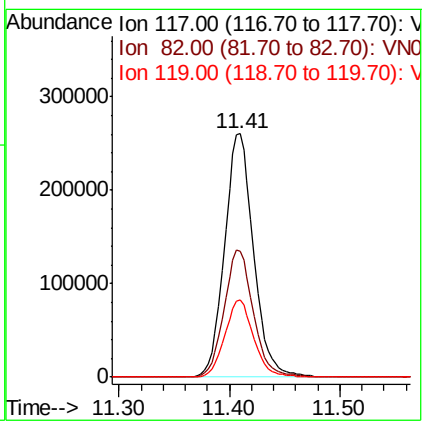


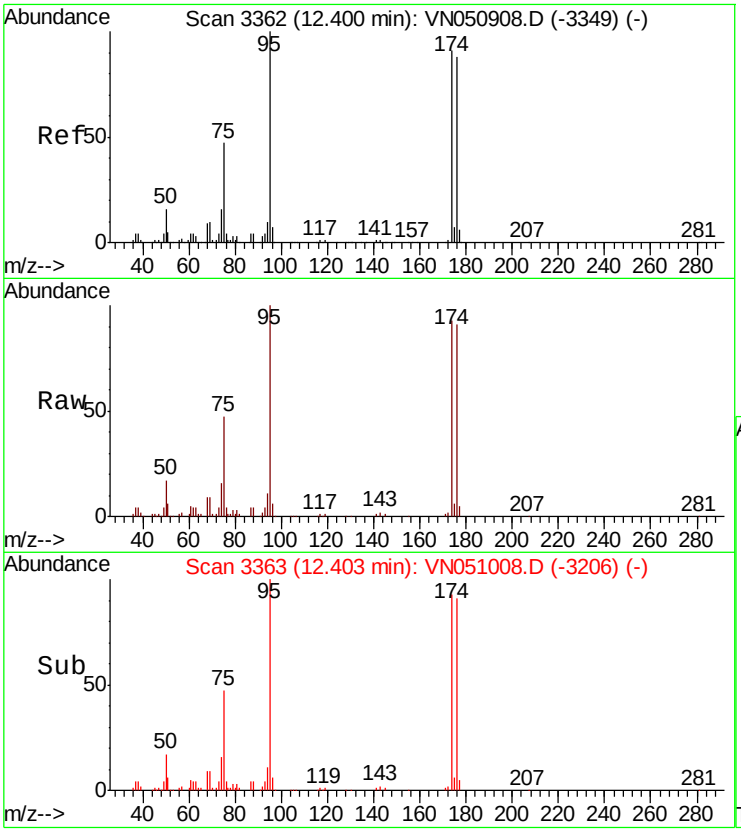


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN051008.D
Acq: 4 Sep 2018 10:33

Tgt Ion:117 Resp: 474653

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.6	64.0
119	31.6	25.7	38.5



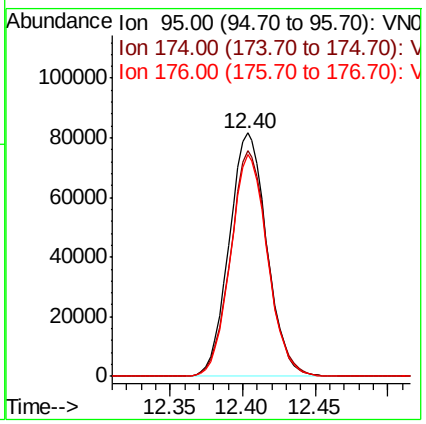


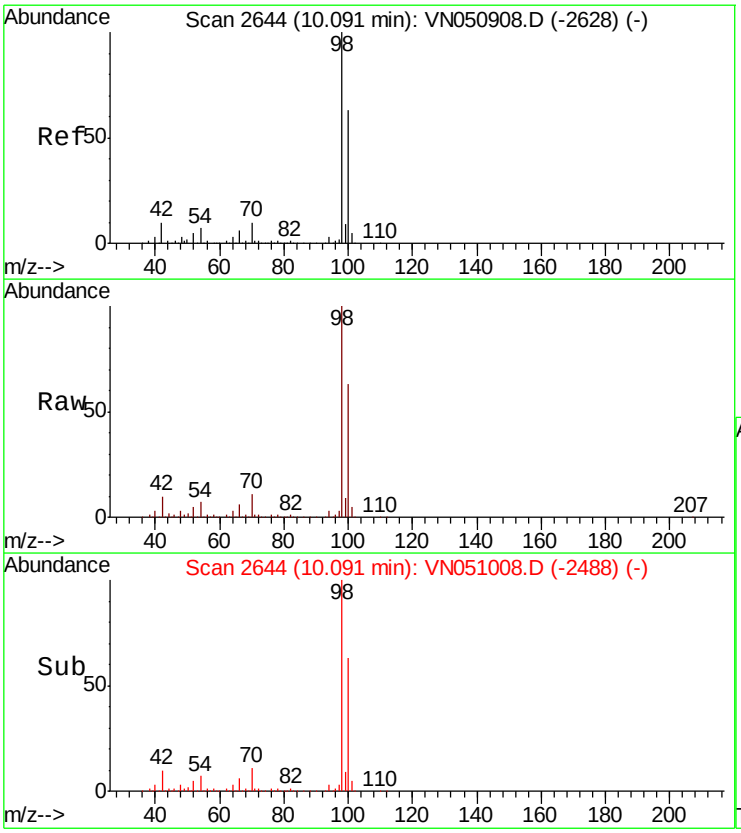
#60
4-Bromofluorobenzene
Concen: 20.89 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN051008.D
Acq: 4 Sep 2018 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBL02

Tgt Ion: 95 Resp: 147477

Ion	Ratio	Lower	Upper
95	100		
174	92.0	74.6	112.0
176	89.0	71.5	107.3





#63
Toluene-d8
Concen: 30.63 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN051008.D
Acq: 4 Sep 2018 10:33

Tgt Ion: 98 Resp: 677889

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.6	75.8