Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082818\
Data File : VN050913.D
Acq On : 28 Aug 2018 14:50
Operator : MD\SY
Sample : VN0828WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0828WBL01

Quant Time: Aug 28 15:10:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Aug 28 14:02:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	117585	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	606142	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	480012	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	228237	30.42	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.40%			
60) 4-Bromofluorobenzene	12.40	95	158938	22.27	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 74.23%			
63) Toluene-d8	10.09	98	698813	31.22	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 104.07%			
Target Compounds						Qvalue

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

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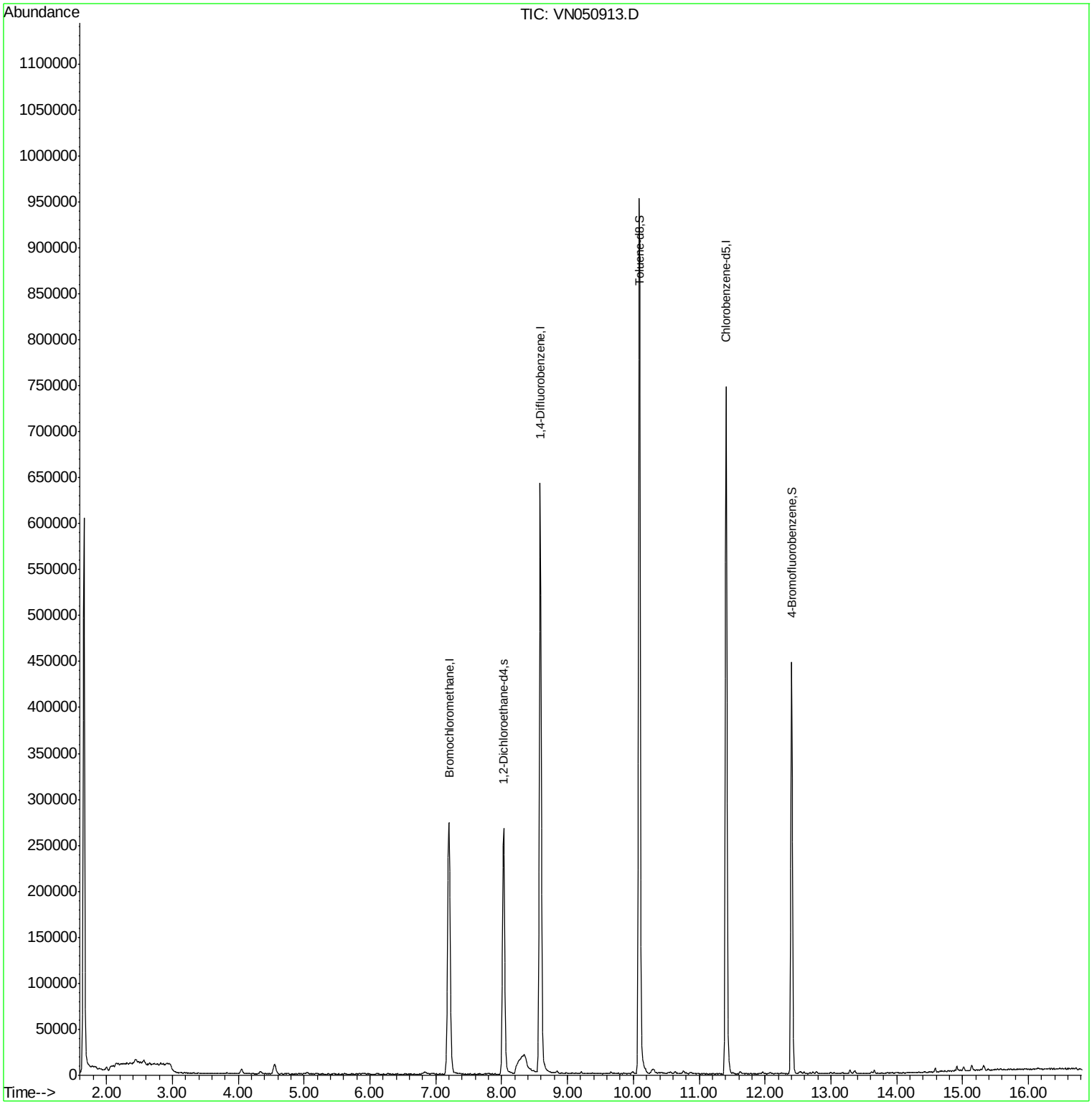
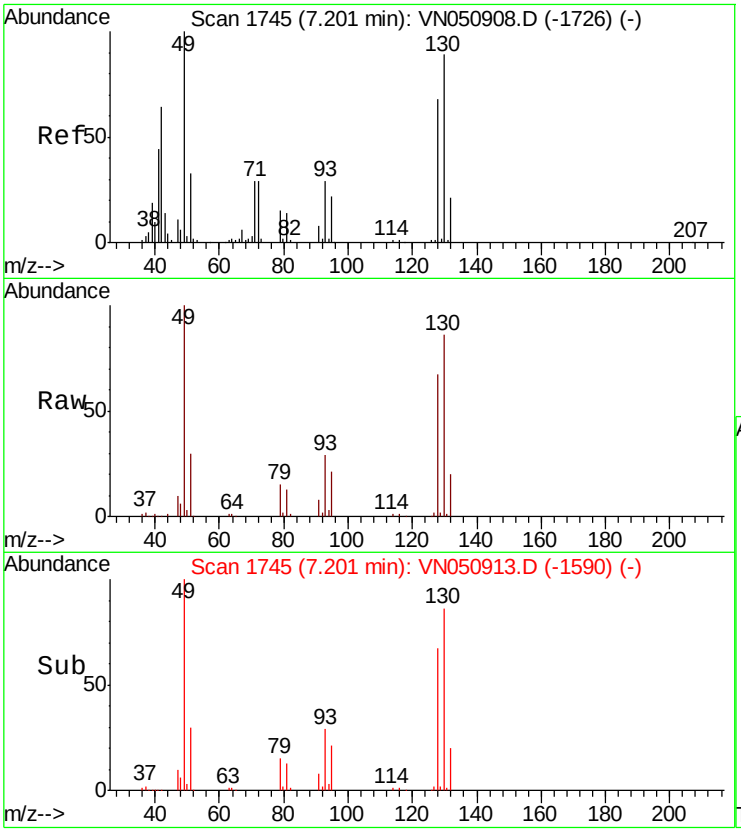


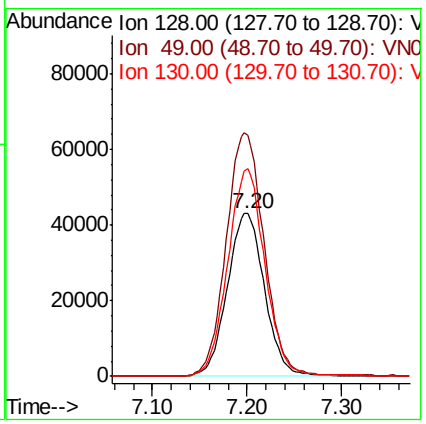


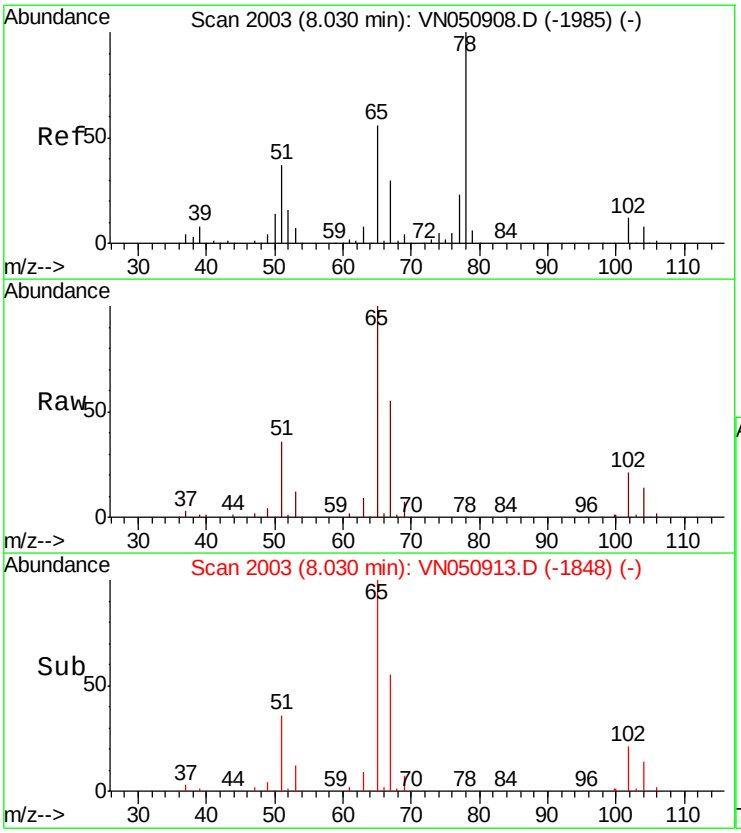
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VN050913.D
Acq: 28 Aug 2018 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBL01

Tgt Ion:128 Resp: 117585

Ion	Ratio	Lower	Upper
128	100		
49	152.5	0.0	378.3
130	127.7	0.0	320.7

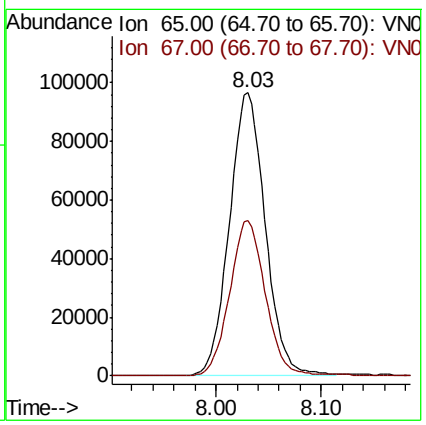


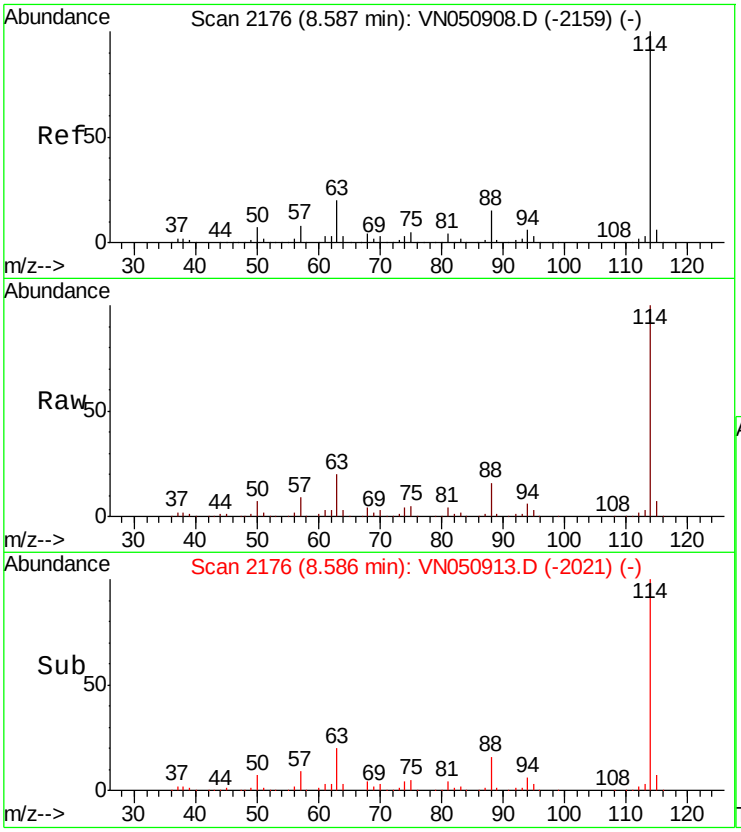


#27
1,2-Dichloroethane-d4
Concen: 30.42 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050913.D
Acq: 28 Aug 2018 14:50

Tgt Ion: 65 Resp: 228237

Ion	Ratio	Lower	Upper
65	100		
67	54.3	42.7	64.1



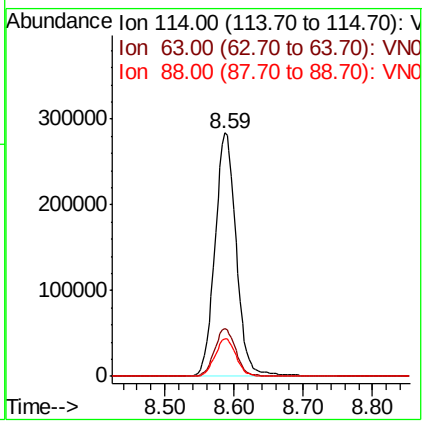


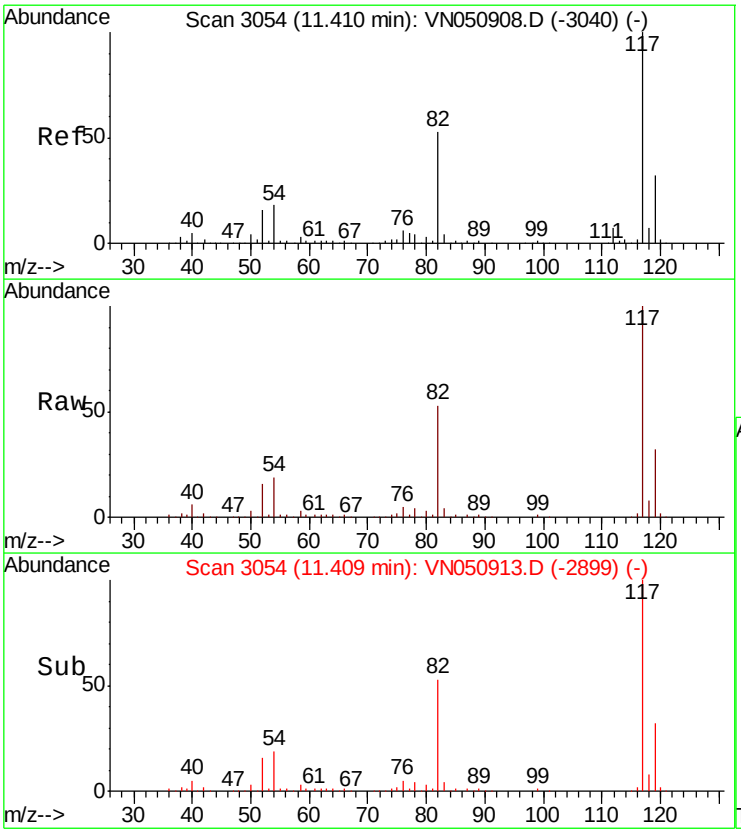
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050913.D
Acq: 28 Aug 2018 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBL01

Tgt Ion:114 Resp: 606142

Ion	Ratio	Lower	Upper
114	100		
63	19.5	16.2	24.2
88	15.4	12.3	18.5

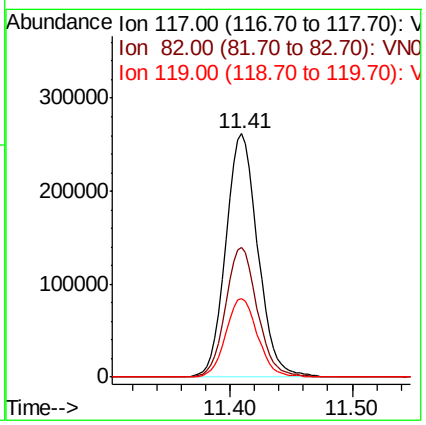


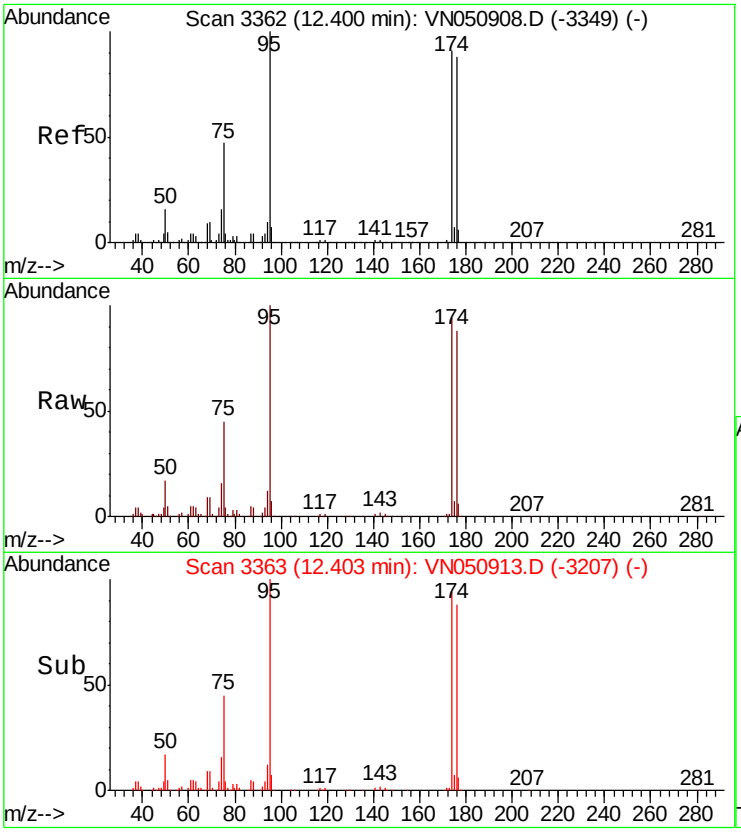


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050913.D
Acq: 28 Aug 2018 14:50

Tgt Ion:117 Resp: 480012

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.4	63.6
119	32.3	25.4	38.0



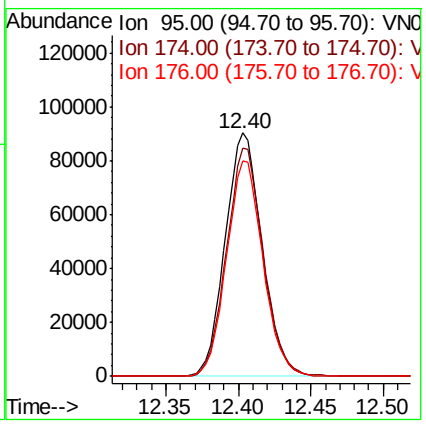


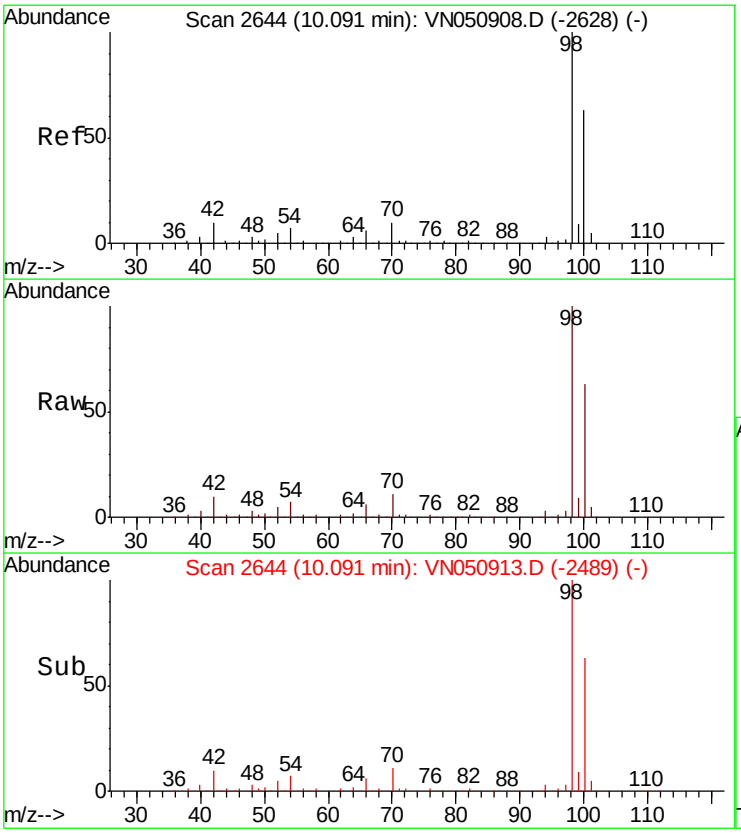
#60
4-Bromofluorobenzene
Concen: 22.27 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050913.D
Acq: 28 Aug 2018 14:50

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBL01

Tgt Ion: 95 Resp: 158938

Ion	Ratio	Lower	Upper
95	100		
174	93.8	72.3	108.5
176	87.7	70.0	105.0





#63
Toluene-d8
Concen: 31.22 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050913.D
Acq: 28 Aug 2018 14:50

Tgt Ion: 98 Resp: 698813

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8