Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
Data File : VN050862.D
Acq On : 24 Aug 2018 8:41
Operator : MD\SY
Sample : VN0824WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0824WBL01

Quant Time: Aug 24 14:12:41 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	106561	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	544624	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	464127	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	209249	28.89	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.30%			
60) 4-Bromofluorobenzene	12.40	95	148591	20.84	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 69.47%			
63) Toluene-d8	10.09	98	641670	28.94	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 96.47%			

Target Compounds	Qvalue

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

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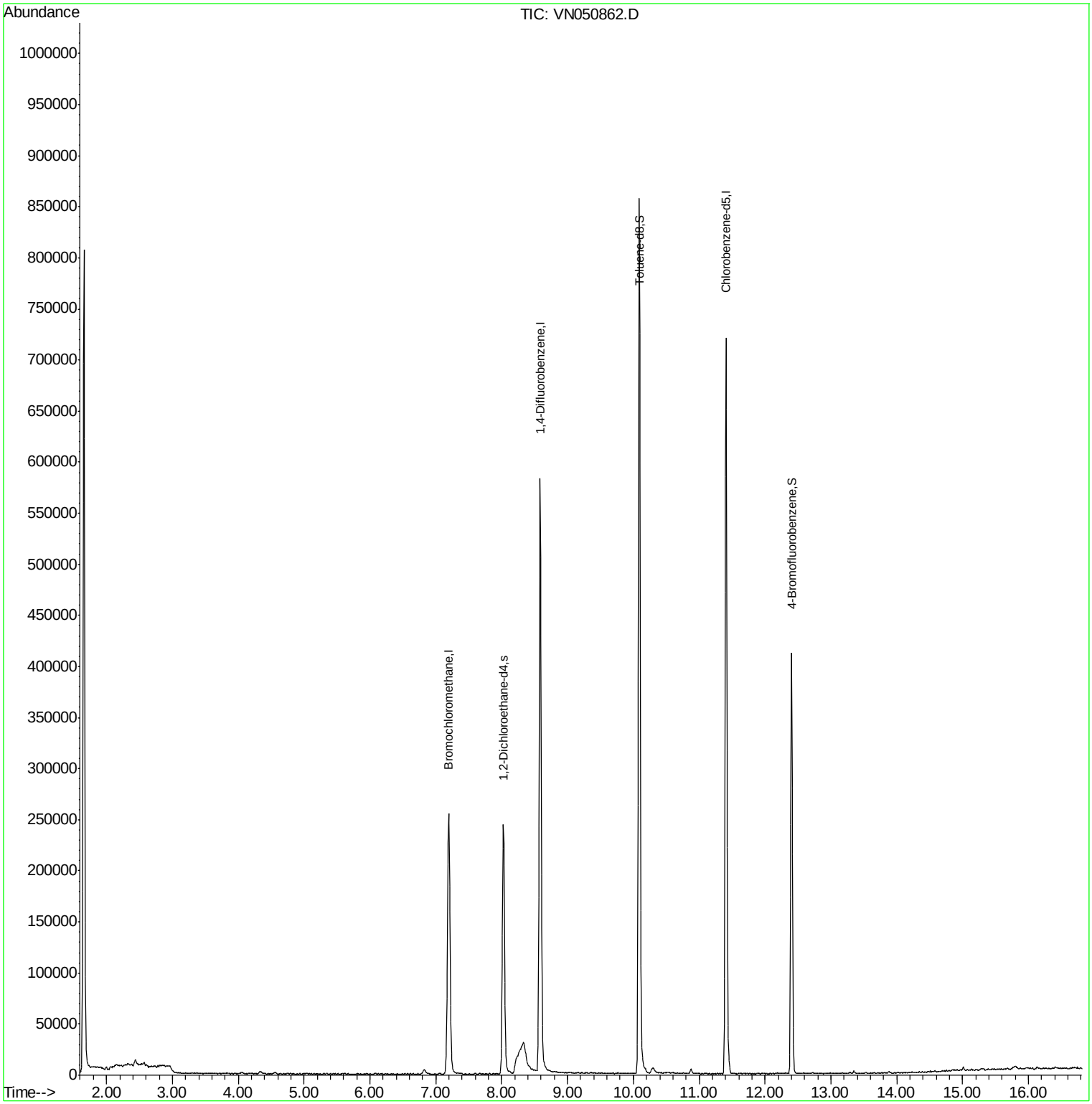
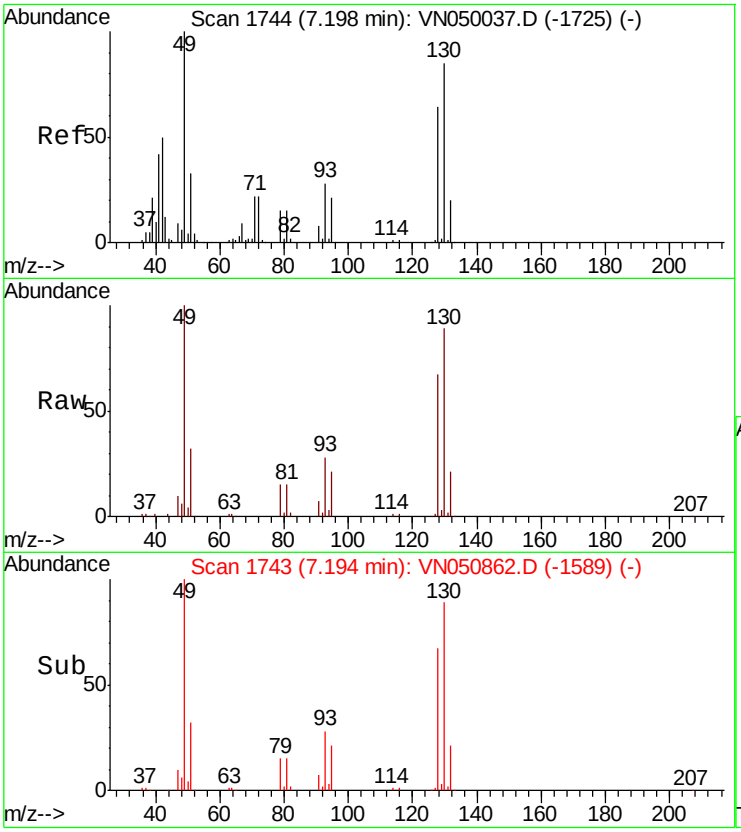


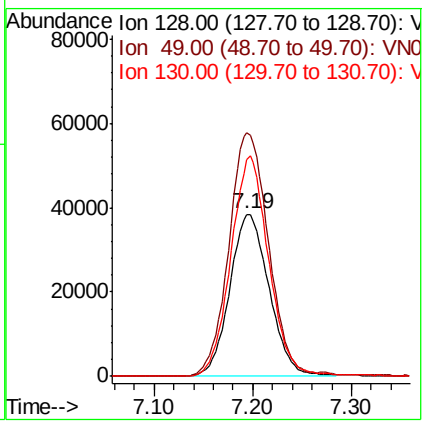


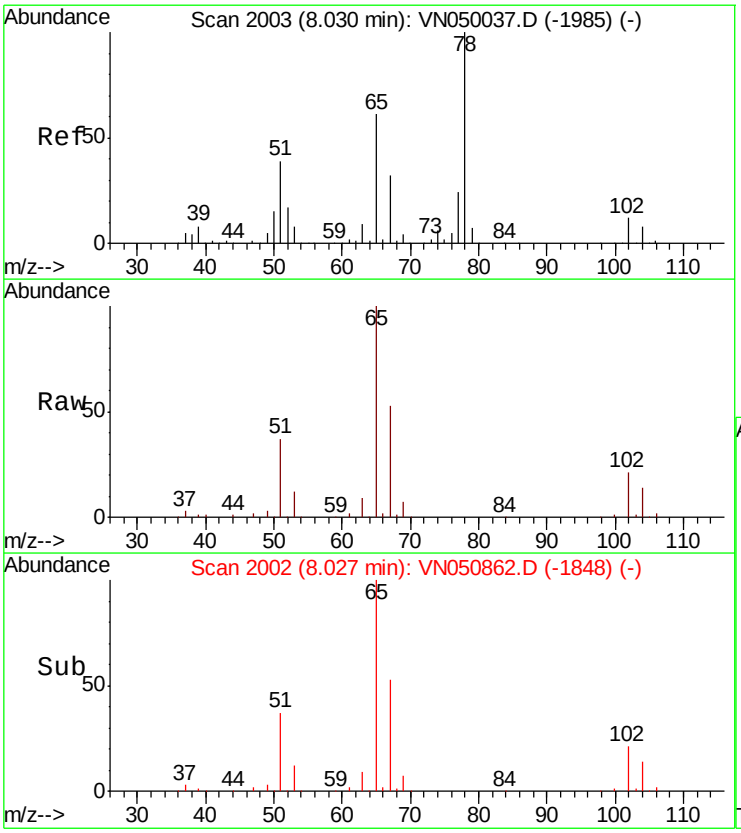
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1743
Delta R.T. -0.00 min
Lab File: VN050862.D
Acq: 24 Aug 2018 8:41

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

Tgt Ion:128 Resp: 106561

Ion	Ratio	Lower	Upper
128	100		
49	150.8	0.0	378.3
130	130.5	0.0	320.7

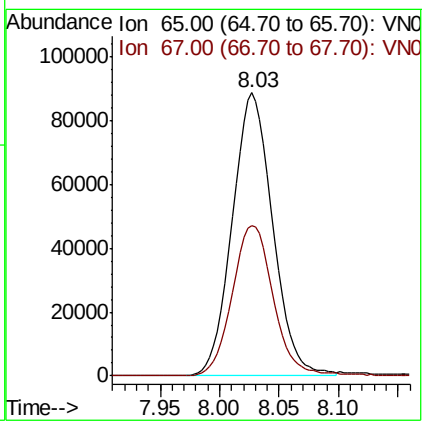


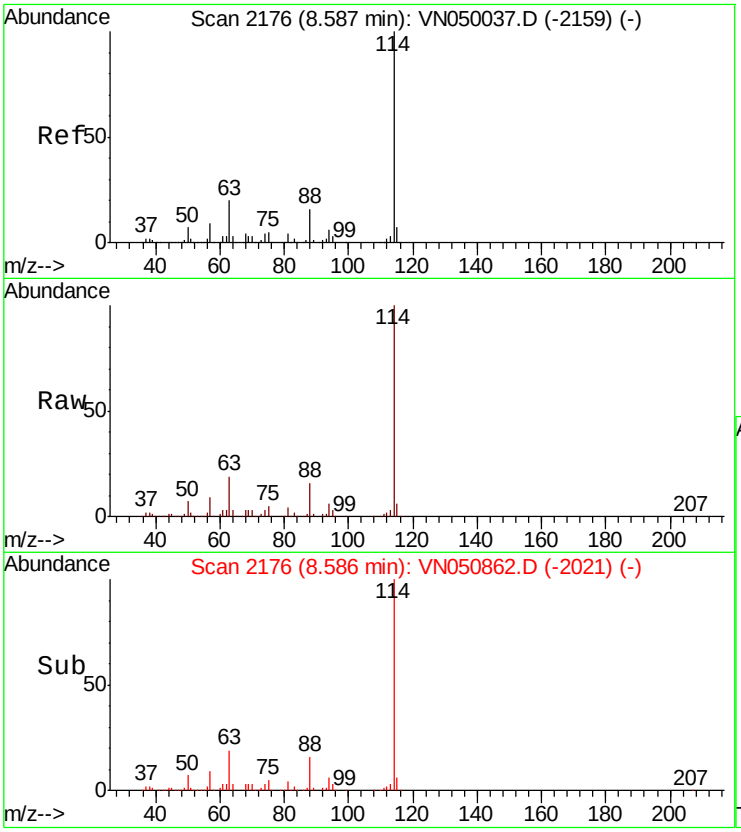


#27
1,2-Dichloroethane-d4
Concen: 28.889 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050862.D
Acq: 24 Aug 2018 8:41

Tgt Ion: 65 Resp: 209249

Ion	Ratio	Lower	Upper
65	100		
67	53.5	42.7	64.1



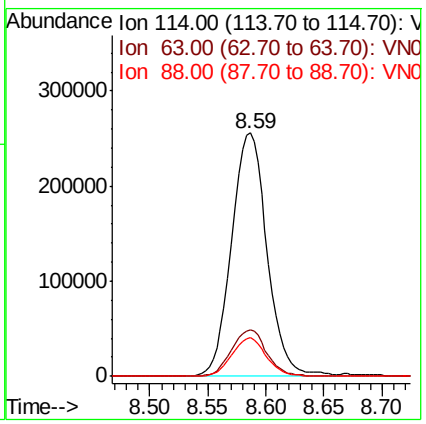


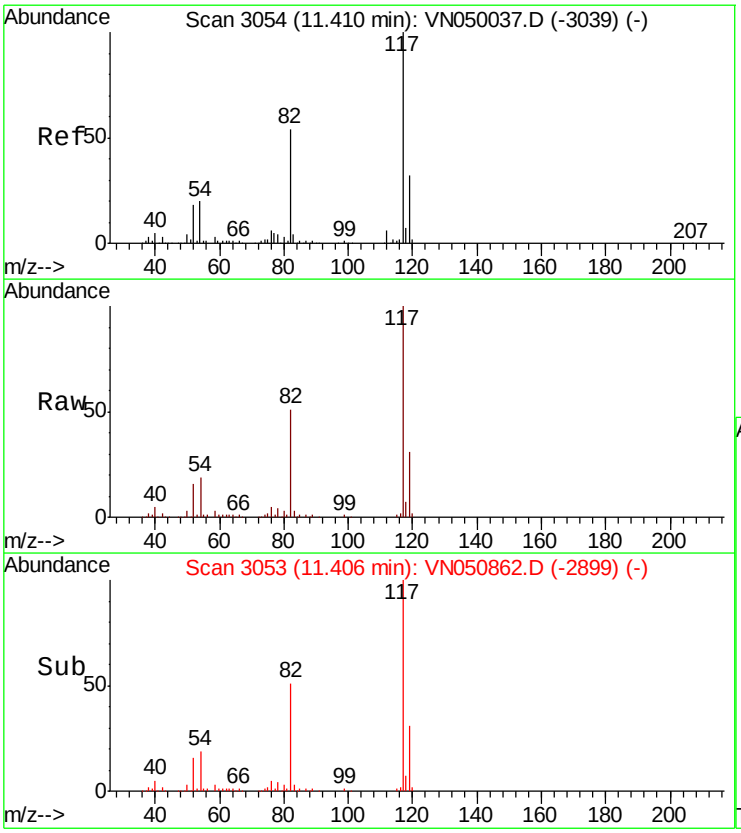
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050862.D
Acq: 24 Aug 2018 8:41

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

Tgt Ion:114 Resp: 544624

Ion	Ratio	Lower	Upper
114	100		
63	19.0	16.2	24.2
88	15.4	12.3	18.5

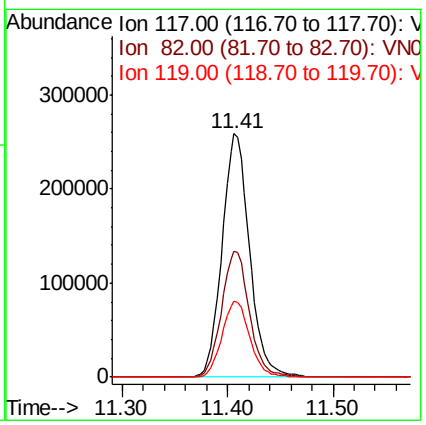


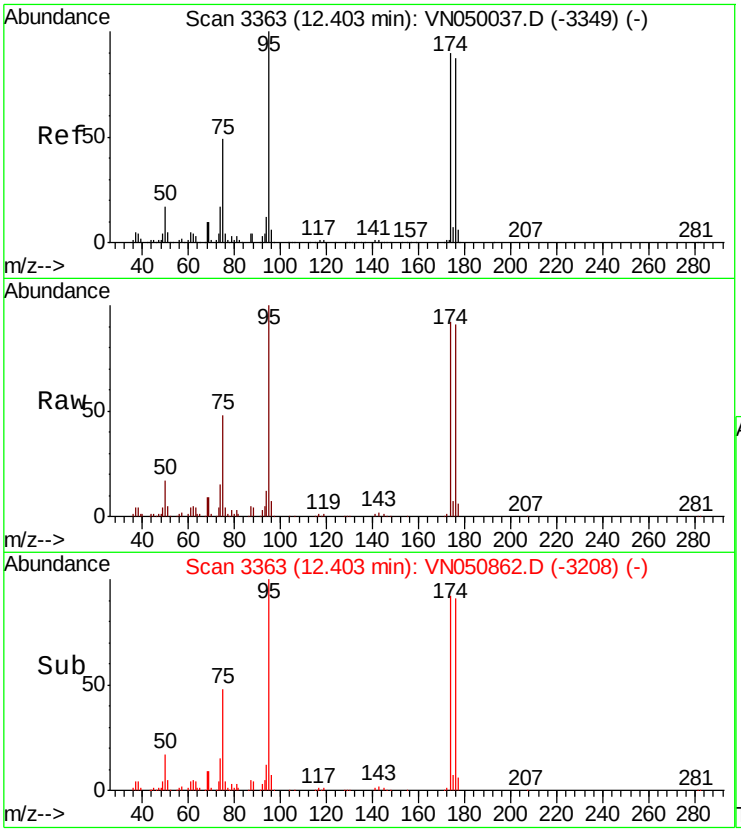


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050862.D
Acq: 24 Aug 2018 8:41

Tgt Ion:117 Resp: 464127

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.4	63.6
119	31.5	25.4	38.0



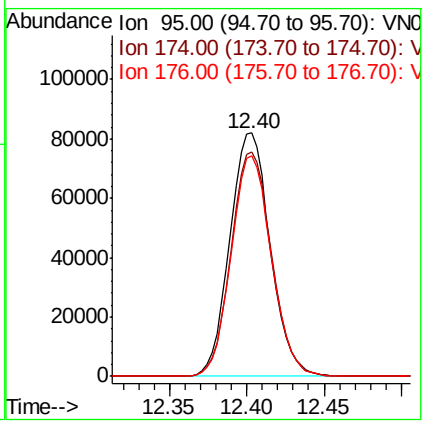


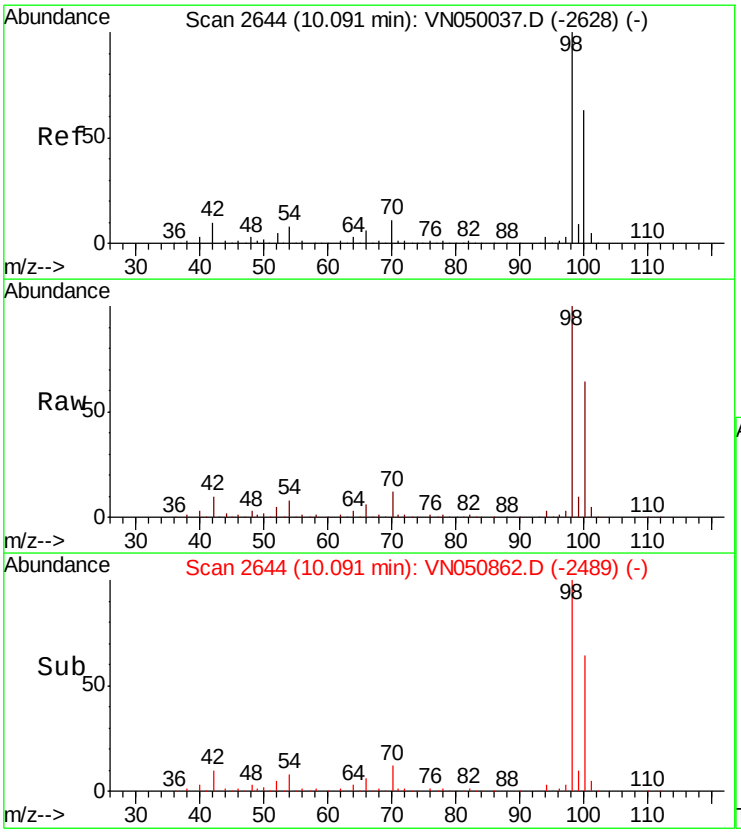
#60
4-Bromofluorobenzene
Concen: 20.839 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050862.D
Acq: 24 Aug 2018 8:41

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

Tgt Ion: 95 Resp: 148591

Ion	Ratio	Lower	Upper
95	100		
174	92.2	72.3	108.5
176	90.1	70.0	105.0





#63
Toluene-d8
Concen: 28.944 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050862.D
Acq: 24 Aug 2018 8:41

Tgt Ion: 98 Resp: 641670

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.2	76.8