Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Data File : VN051910.D
Acq On : 18 Oct 2018 12:22
Operator : MD\SY
Sample : VN1018WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1018WBL01

Quant Time: Oct 18 15:04:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	155550	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	886313	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	698525	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	283956	30.00	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.00%			
60) 4-Bromofluorobenzene	12.40	95	225886	22.43	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 74.77%			
63) Toluene-d8	10.09	98	979719	32.30	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 107.67%			

Target Compounds	Qvalue

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

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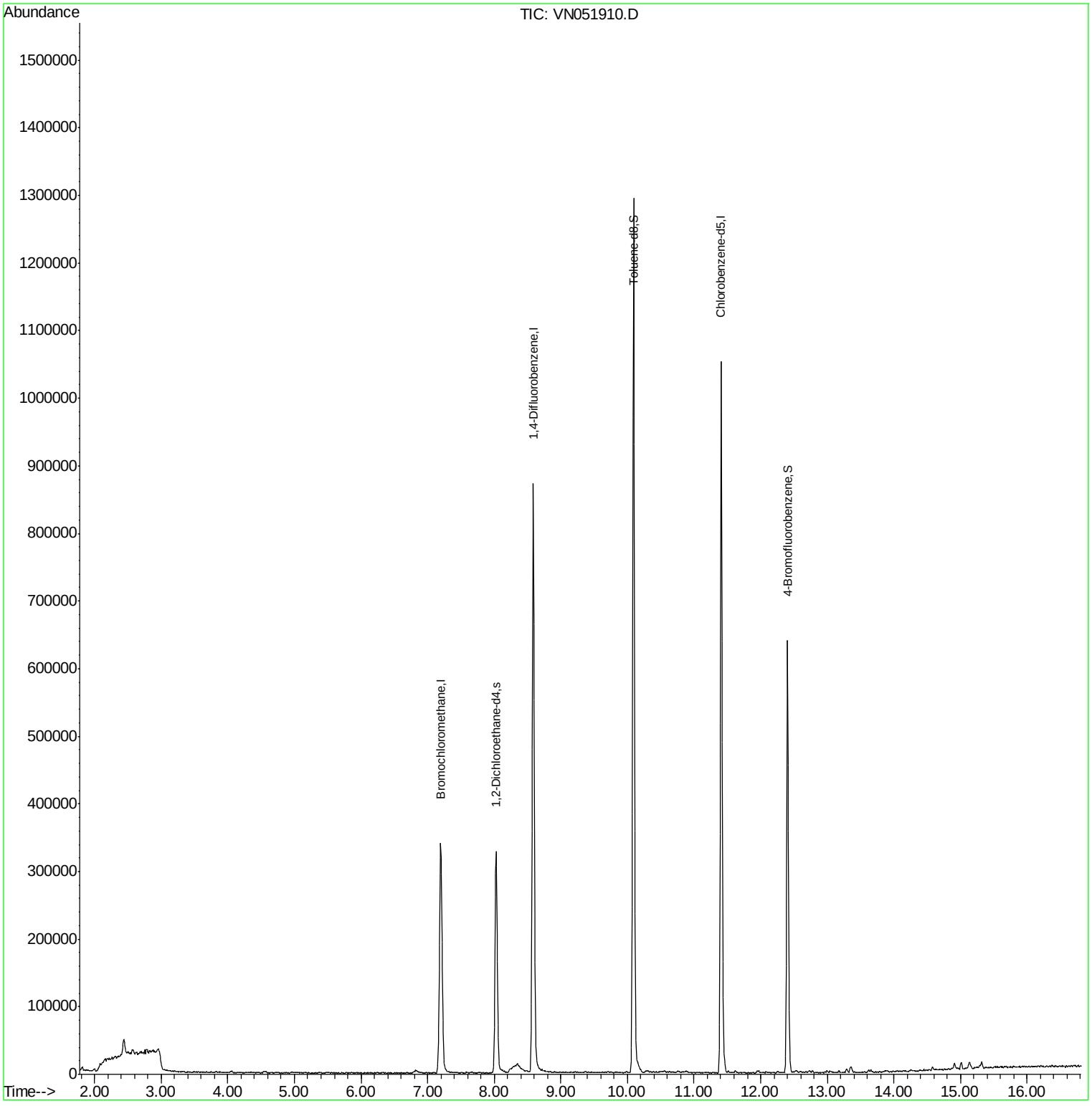
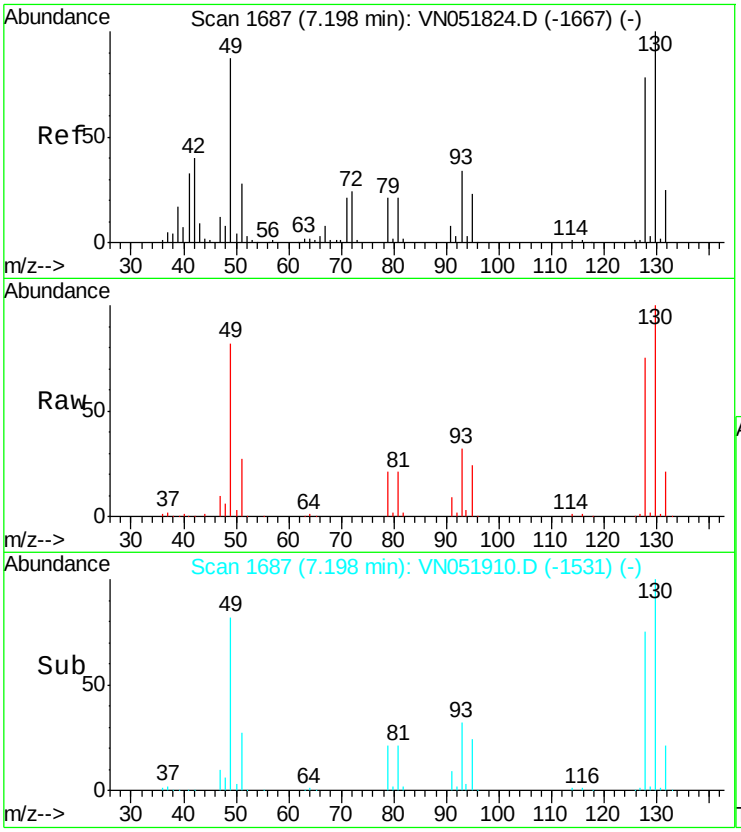


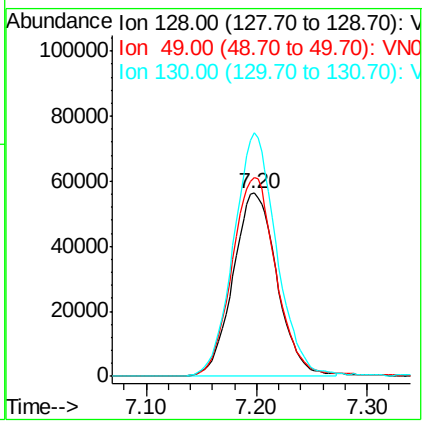


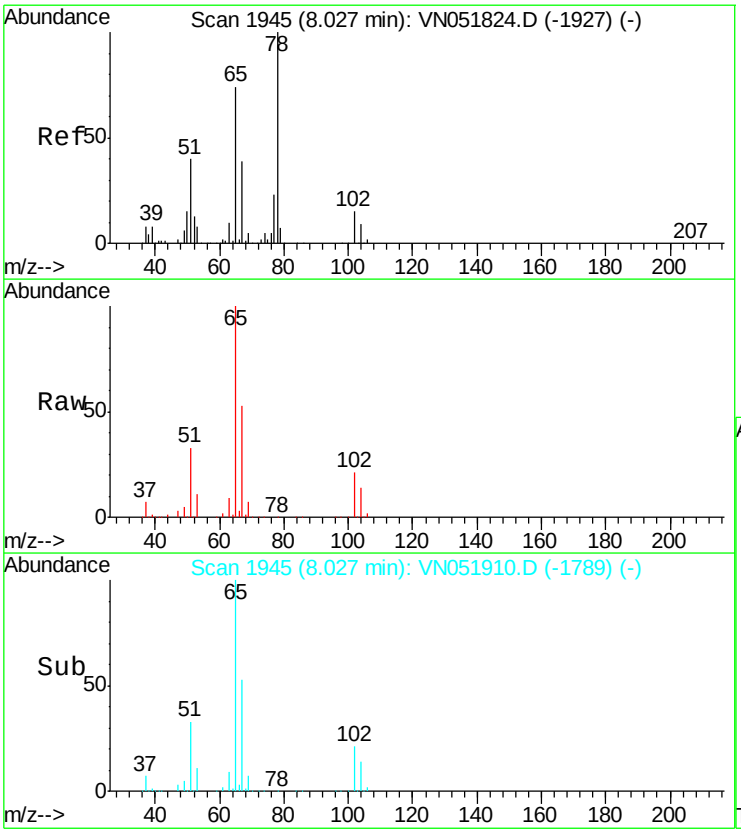
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051910.D
Acq: 18 Oct 2018 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBL01

Tgt Ion:128 Resp: 155550

Ion	Ratio	Lower	Upper
128	100		
49	109.2	0.0	403.3
130	129.7	0.0	326.0

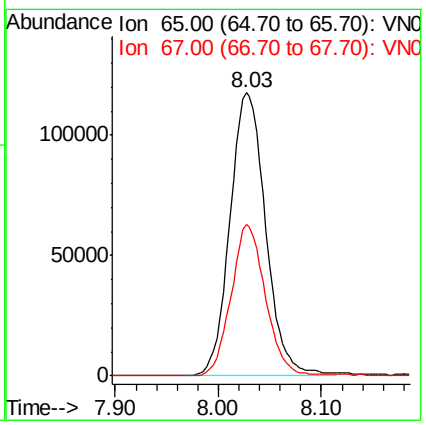


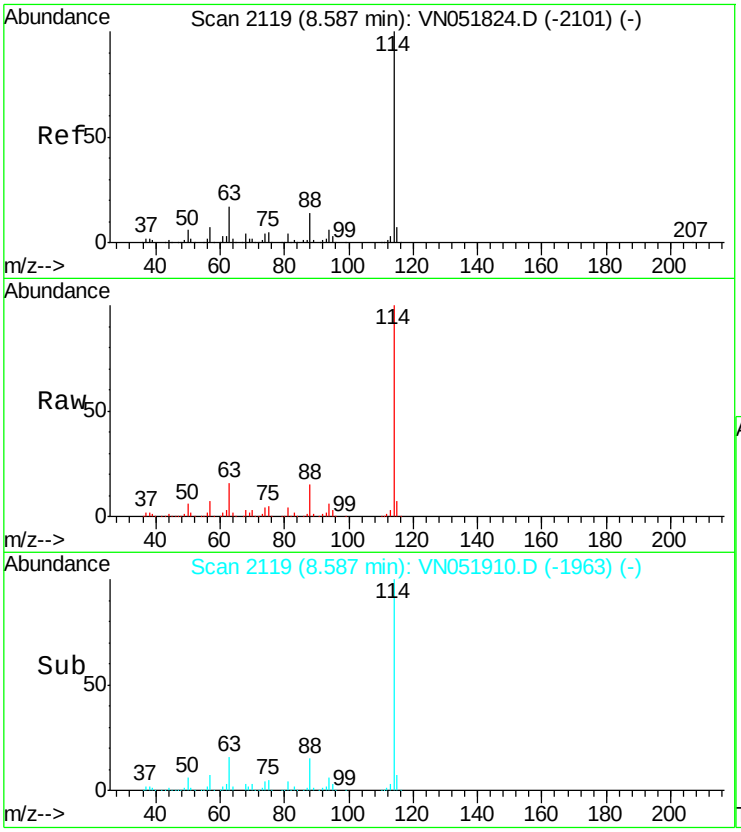


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051910.D
Acq: 18 Oct 2018 12:22

Tgt Ion: 65 Resp: 283956

Ion	Ratio	Lower	Upper
65	100		
67	51.4	41.8	62.8



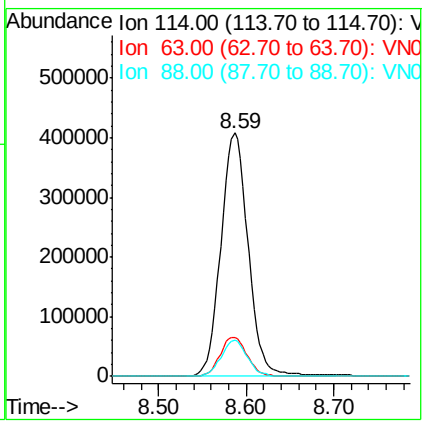


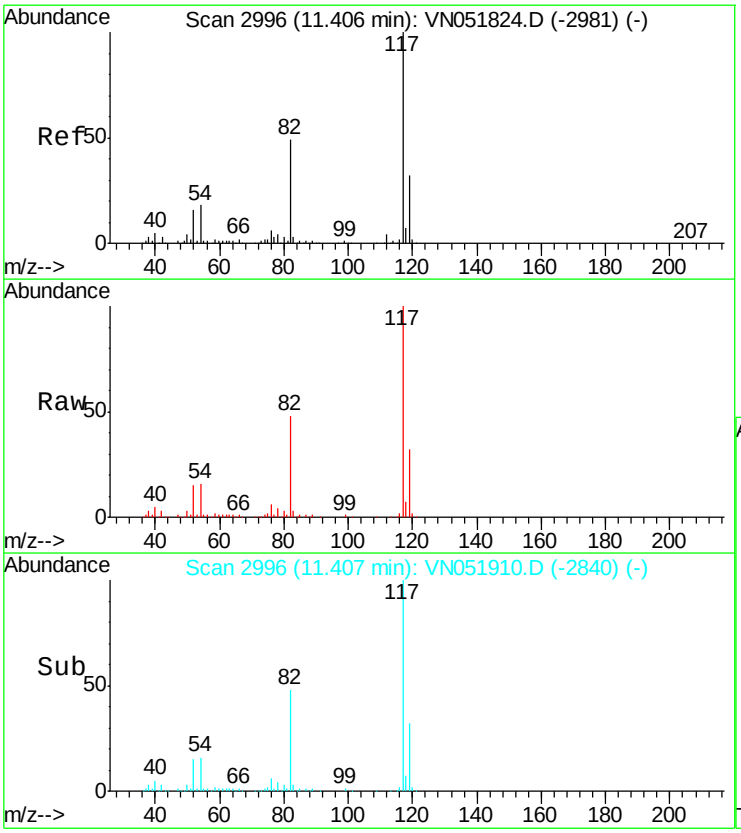
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051910.D
Acq: 18 Oct 2018 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBL01

Tgt Ion:114 Resp: 886313

Ion	Ratio	Lower	Upper
114	100		
63	16.1	16.2	24.2#
88	14.2	12.2	18.4

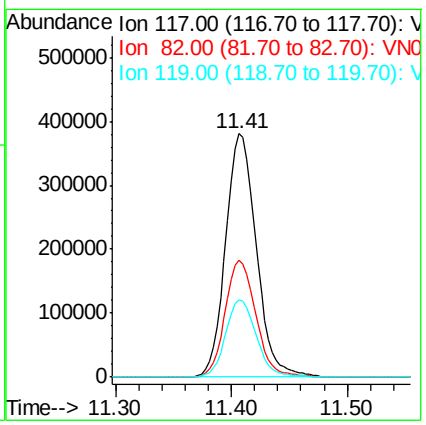


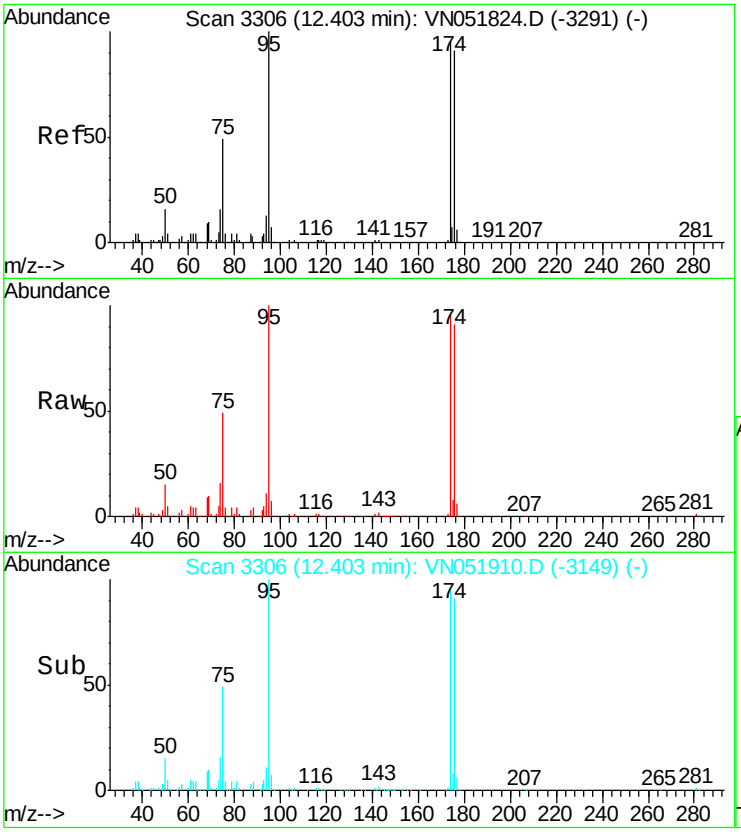


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051910.D
Acq: 18 Oct 2018 12:22

Tgt Ion:117 Resp: 698525

Ion	Ratio	Lower	Upper
117	100		
82	48.2	44.1	66.1
119	31.9	25.8	38.8



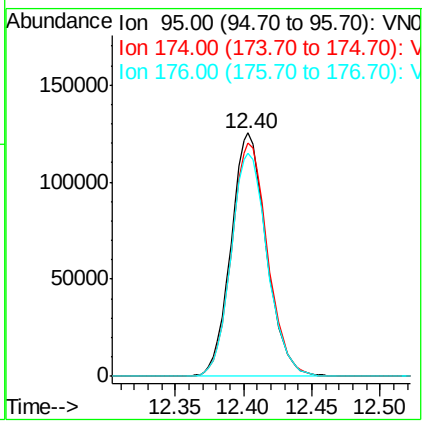


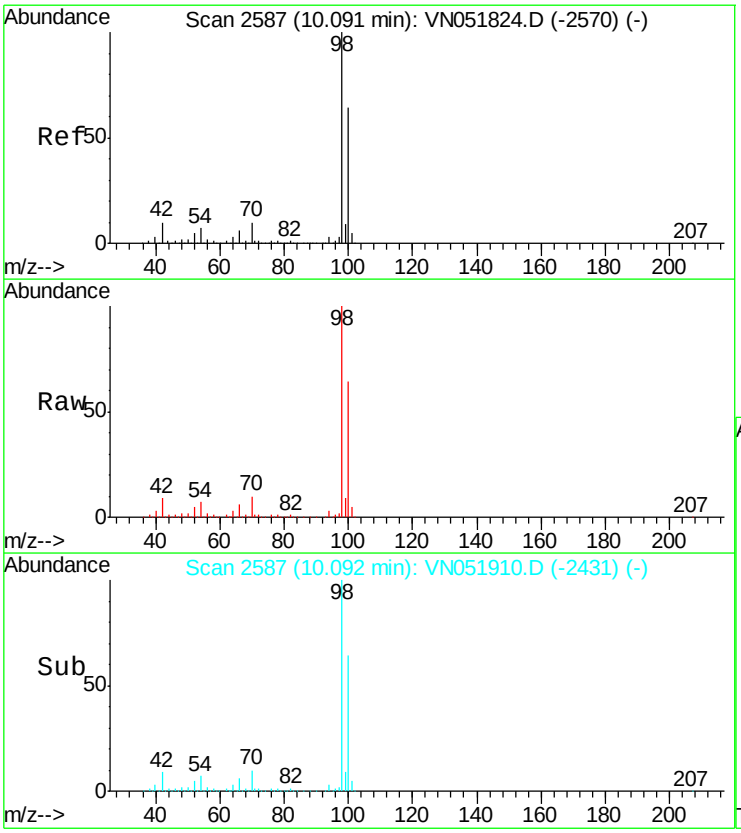
#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051910.D
Acq: 18 Oct 2018 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBL01

Tgt Ion: 95 Resp: 225886

Ion	Ratio	Lower	Upper
95	100		
174	97.4	73.5	110.3
176	93.7	70.2	105.2





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051910.D
Acq: 18 Oct 2018 12:22

Tgt Ion: 98 Resp: 979719

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2