Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051631.D
Acq On : 1 Oct 2018 12:25
Operator : MD\SY
Sample : J5088-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : OF-1

Quant Time: Oct 02 15:00:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	99679	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	467266	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	397735	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	213718	30.79	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.63%			
60) 4-Bromofluorobenzene	12.40	95	124701	20.39	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 67.97%			
63) Toluene-d8	10.09	98	523809	27.91	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 93.03%			
Target Compounds						Qvalue

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

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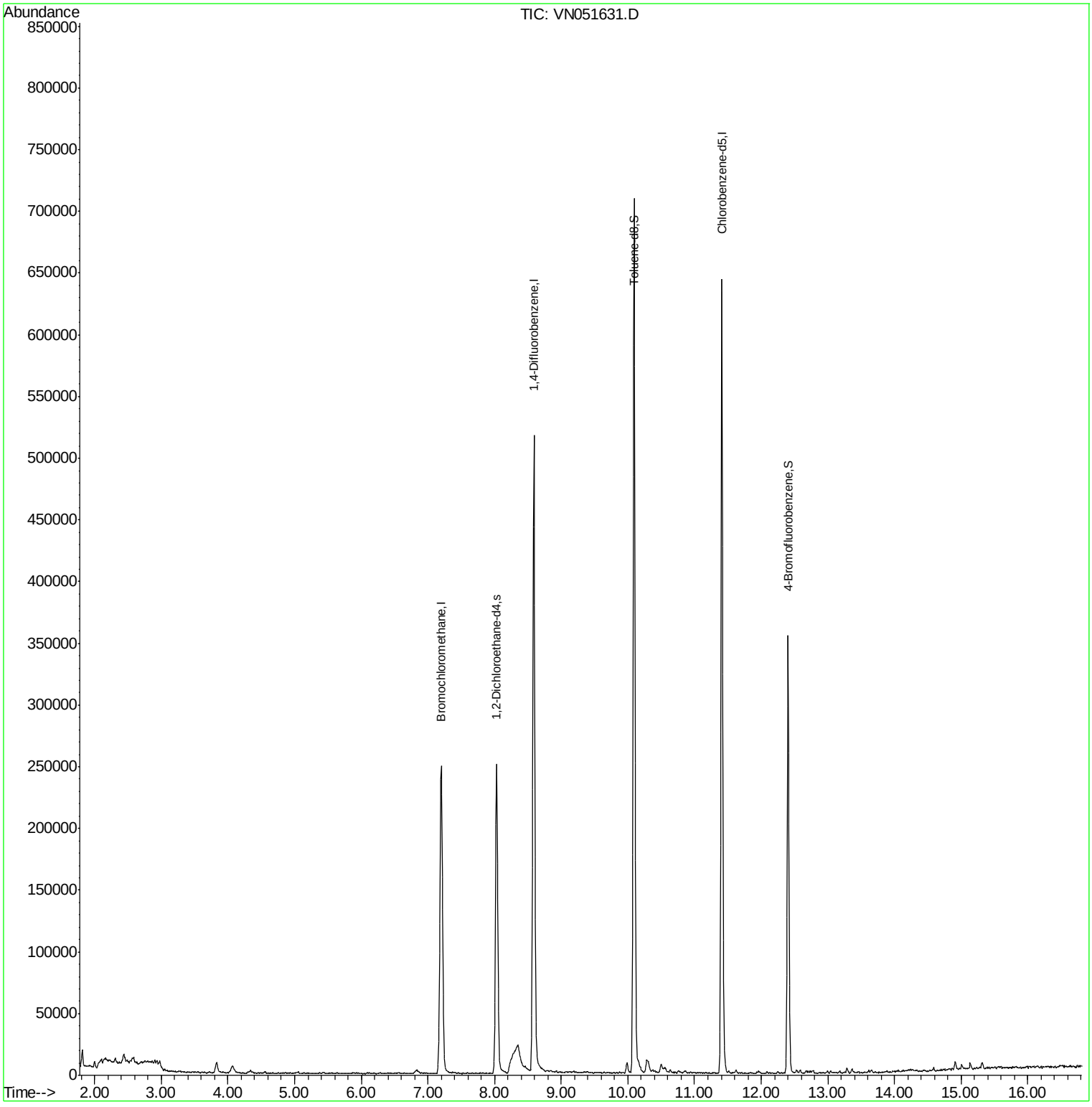
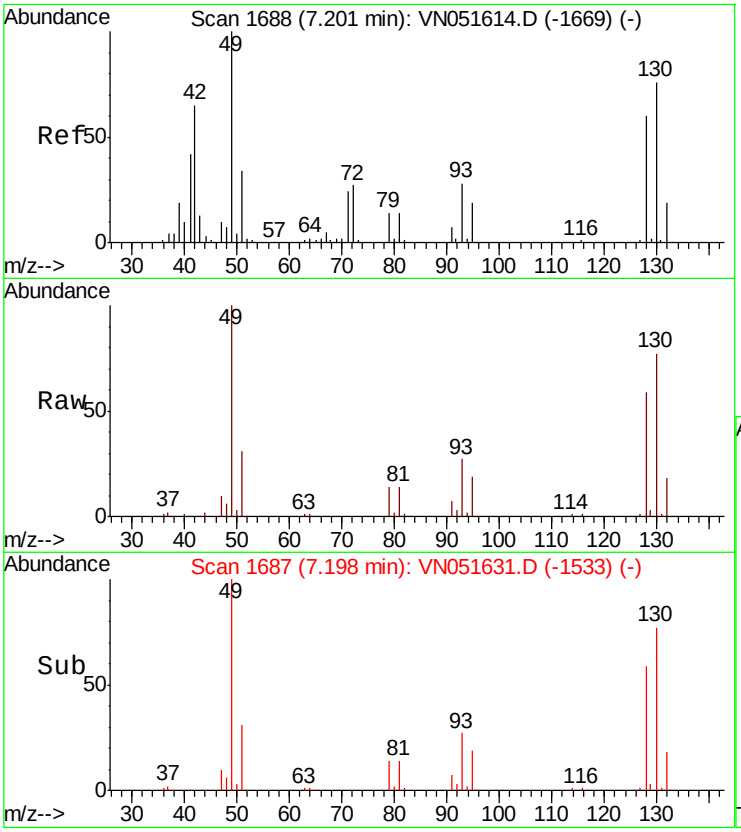


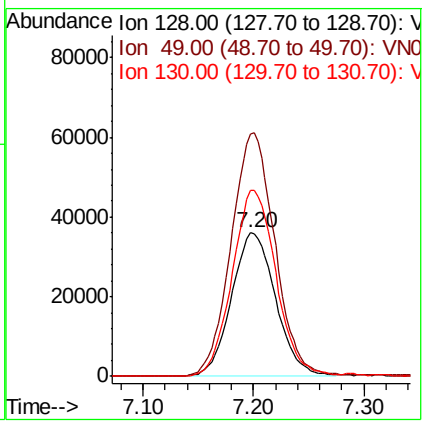


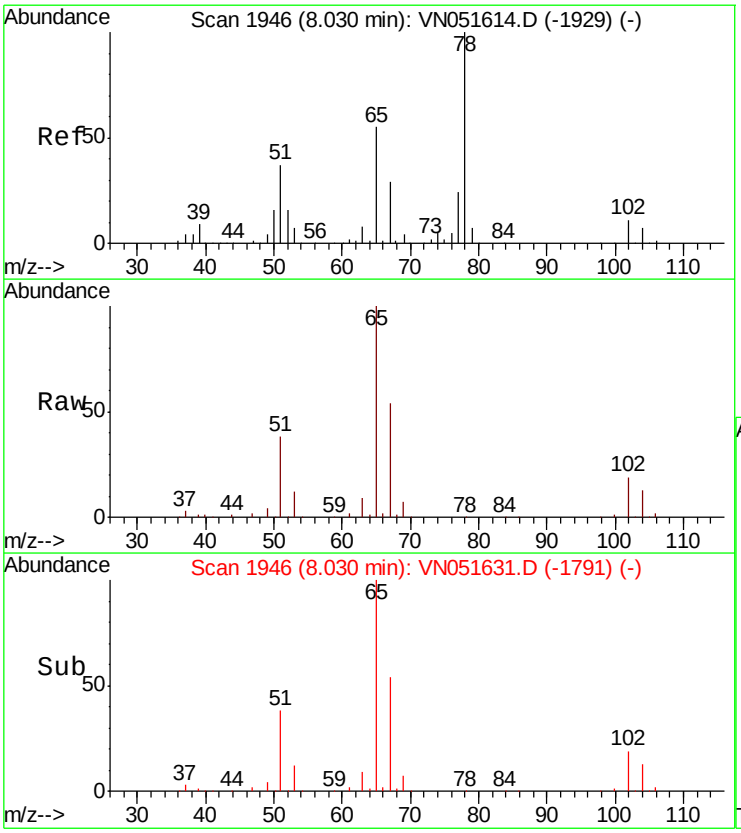
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN051631.D
Acq: 1 Oct 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
OF-1

Tgt Ion:128 Resp: 99679

Ion	Ratio	Lower	Upper
128	100		
49	168.5	0.0	426.8
130	129.0	0.0	326.3

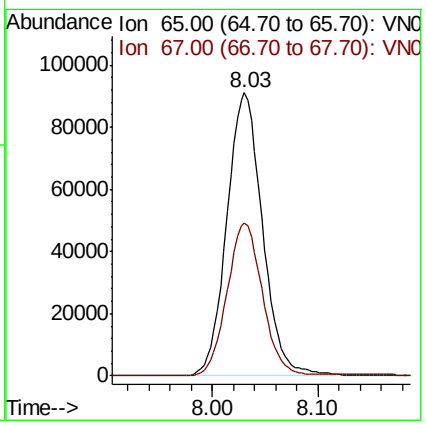


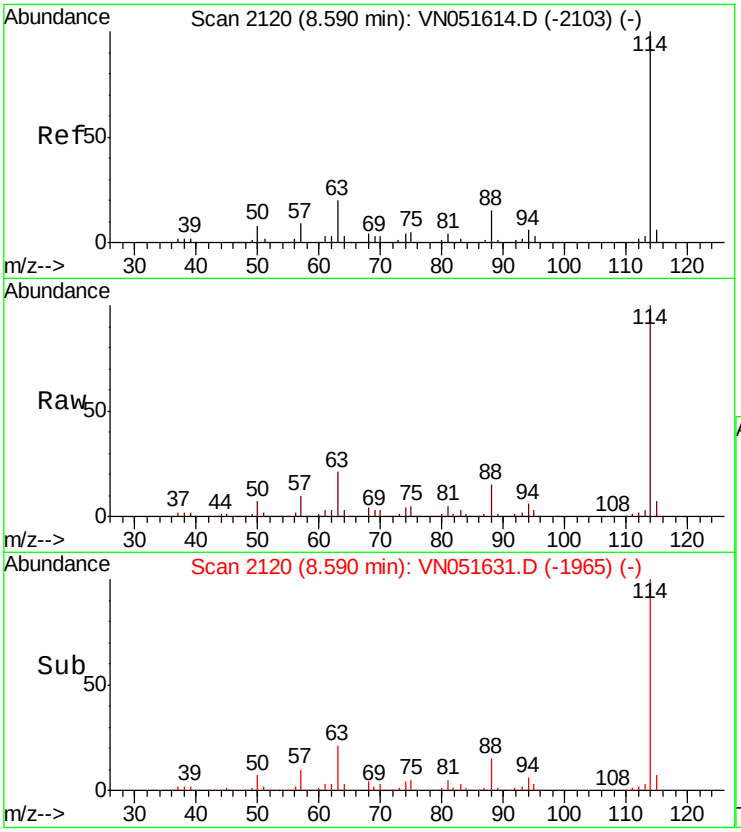


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051631.D
Acq: 1 Oct 2018 12:25

Tgt Ion: 65 Resp: 213718

Ion	Ratio	Lower	Upper
65	100		
67	53.6	43.1	64.7



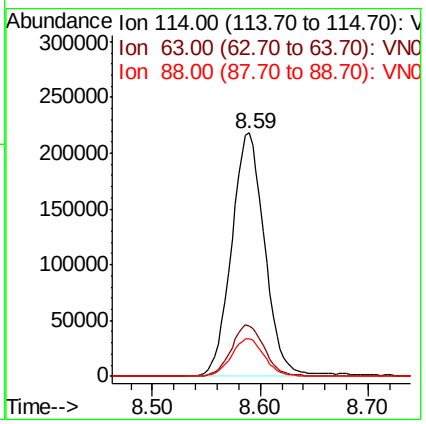


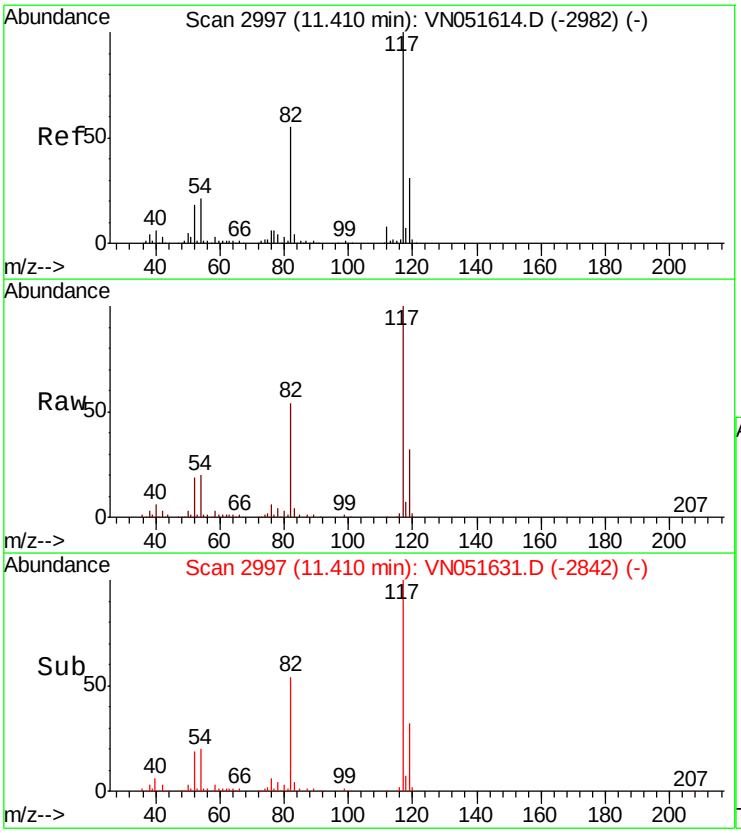
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. -0.00 min
Lab File: VN051631.D
Acq: 1 Oct 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
OF-1

Tgt Ion:114 Resp: 467266

Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.4	24.6
88	15.4	12.6	18.8

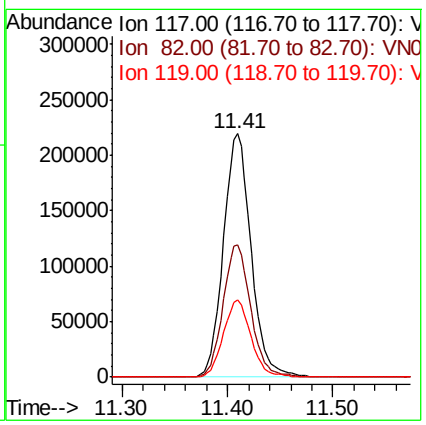


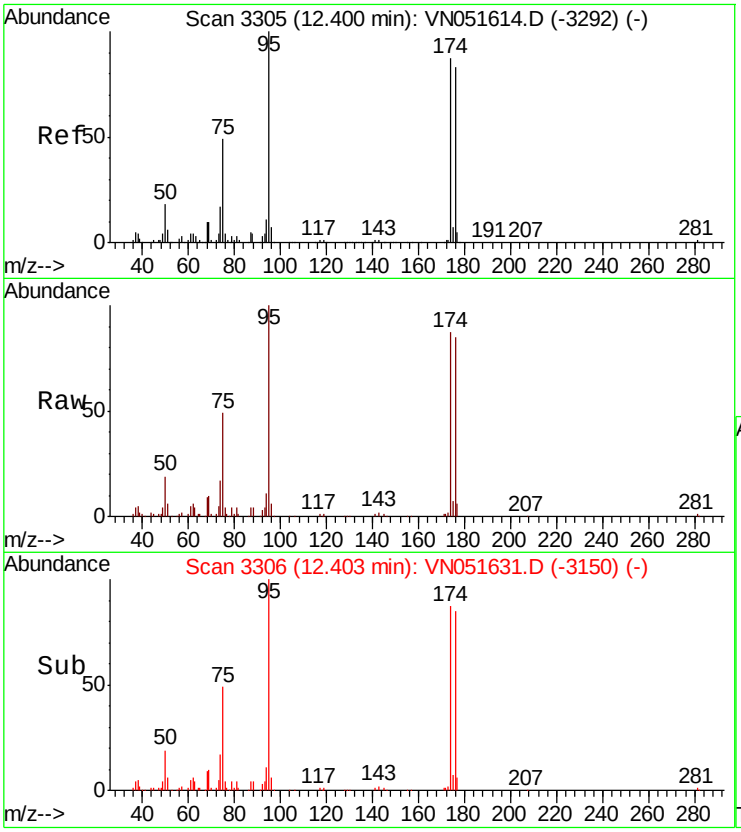


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051631.D
Acq: 1 Oct 2018 12:25

Tgt Ion:117 Resp: 397735

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	31.7	25.2	37.8



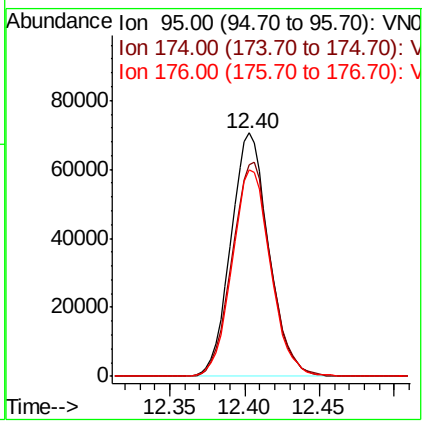


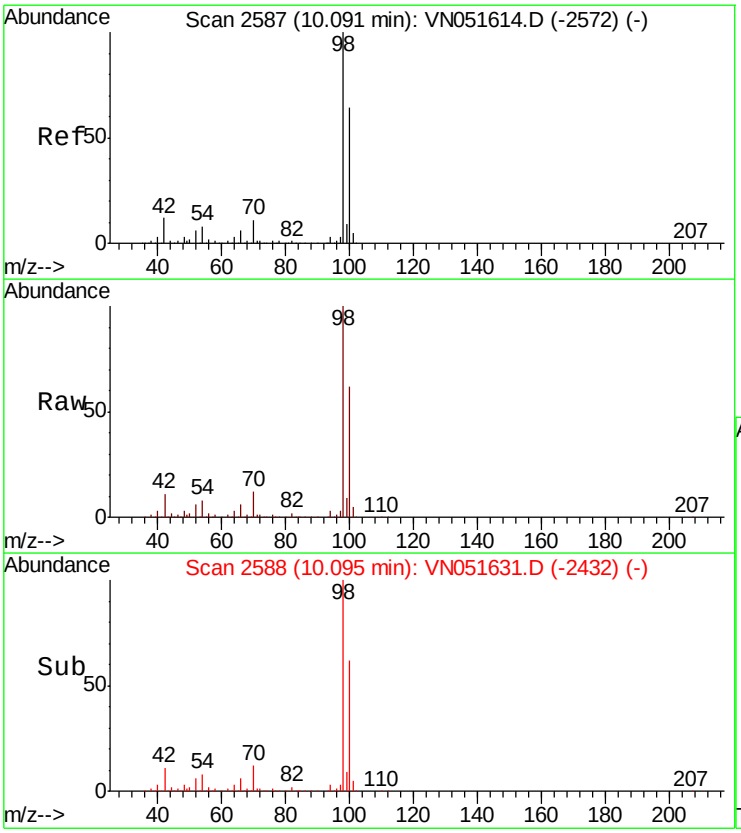
#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051631.D
Acq: 1 Oct 2018 12:25

Instrument : MSVOA_N
ClientSampleId : OF-1

Tgt Ion: 95 Resp: 124701

Ion	Ratio	Lower	Upper
95	100		
174	89.7	71.2	106.8
176	85.7	67.8	101.8





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN051631.D
Acq: 1 Oct 2018 12:25

Tgt Ion: 98 Resp: 523809

Ion	Ratio	Lower	Upper
98	100		
100	62.1	51.4	77.0