Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110818\
Data File : VN052216.D
Acq On : 8 Nov 2018 11:34
Operator : MD\SY
Sample : VN1108WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1108WBL02

Quant Time: Nov 08 11:54:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	61130	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	353378	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	306304	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	134415	29.63	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 98.77%			
60) 4-Bromofluorobenzene	12.40	95	123072	25.12	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 83.73%			
63) Toluene-d8	10.09	98	428489	29.75	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.17%			
Target Compounds						Qvalue

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

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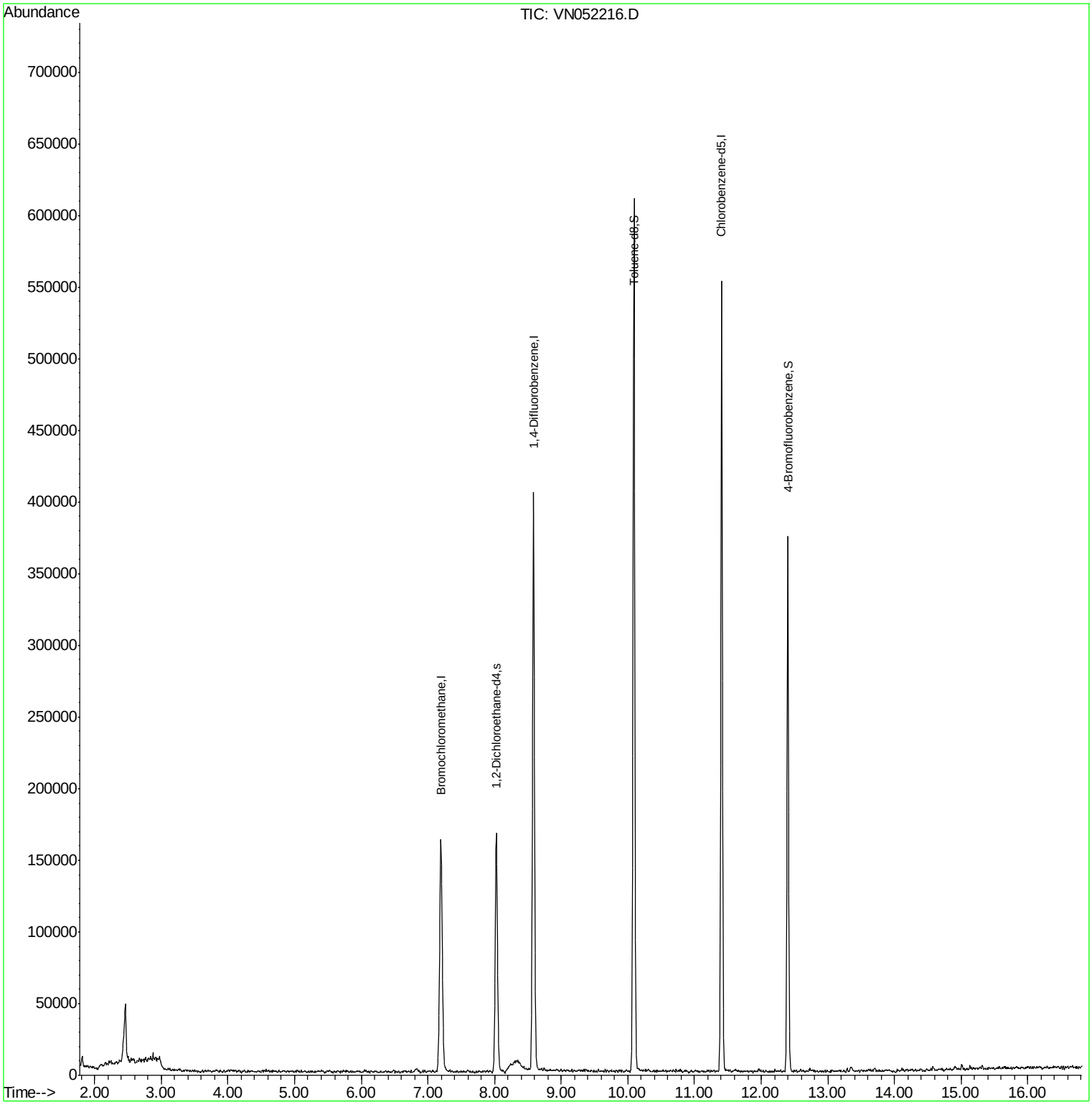
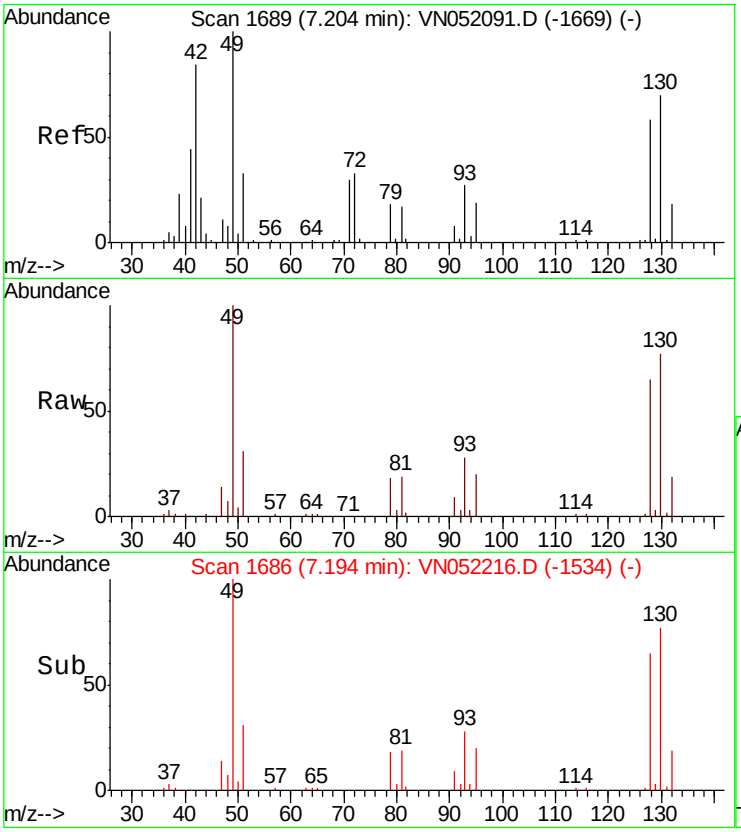


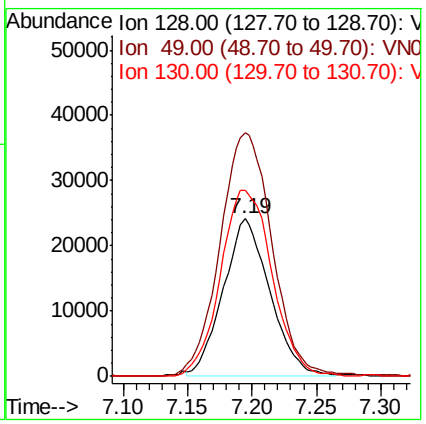


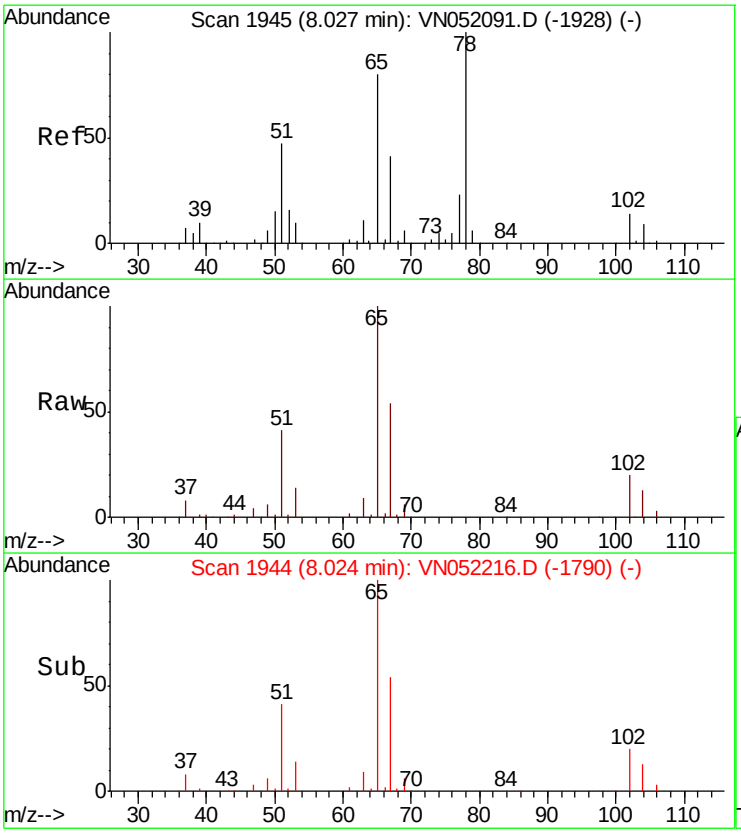
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN052216.D
Acq: 8 Nov 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL02

Tgt Ion:128 Resp: 61130

Ion	Ratio	Lower	Upper
128	100		
49	171.0	0.0	453.7
130	129.8	0.0	308.8

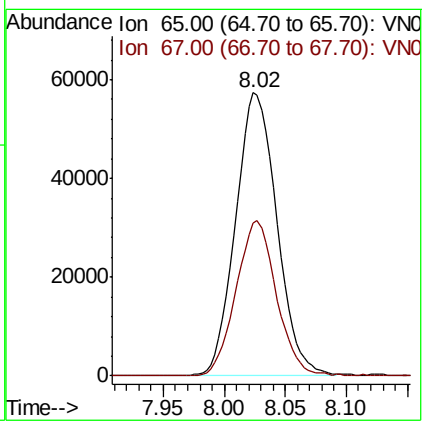


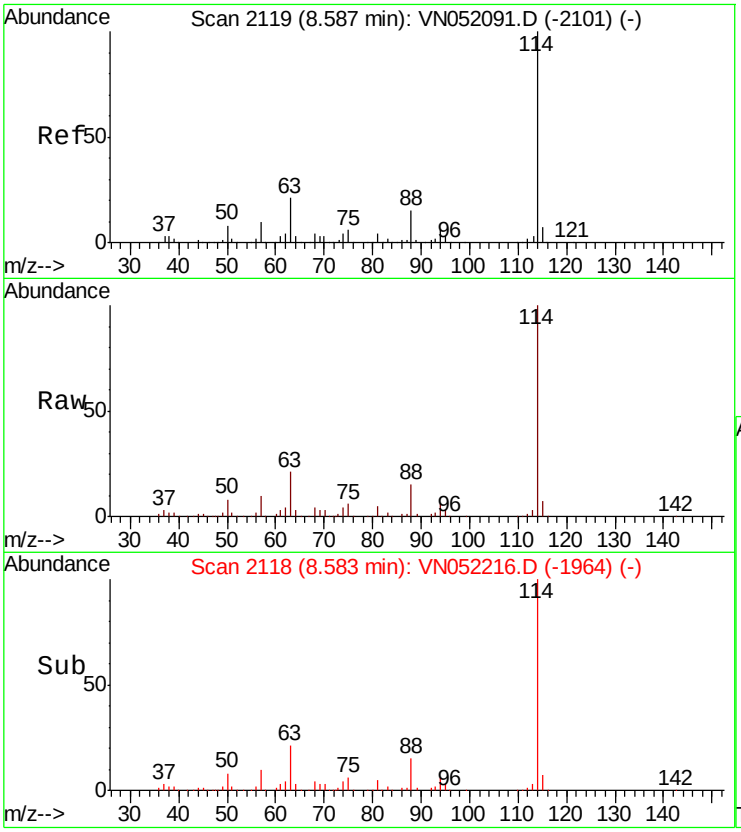


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN052216.D
Acq: 8 Nov 2018 11:34

Tgt Ion: 65 Resp: 134415

Ion	Ratio	Lower	Upper
65	100		
67	53.3	42.6	64.0



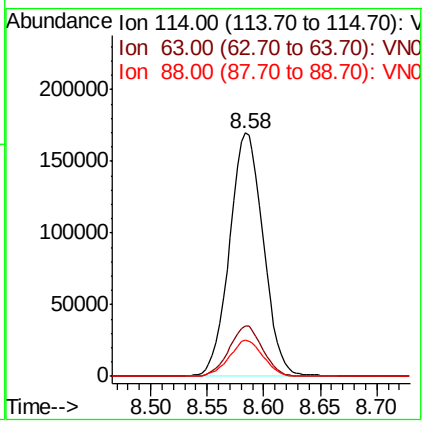


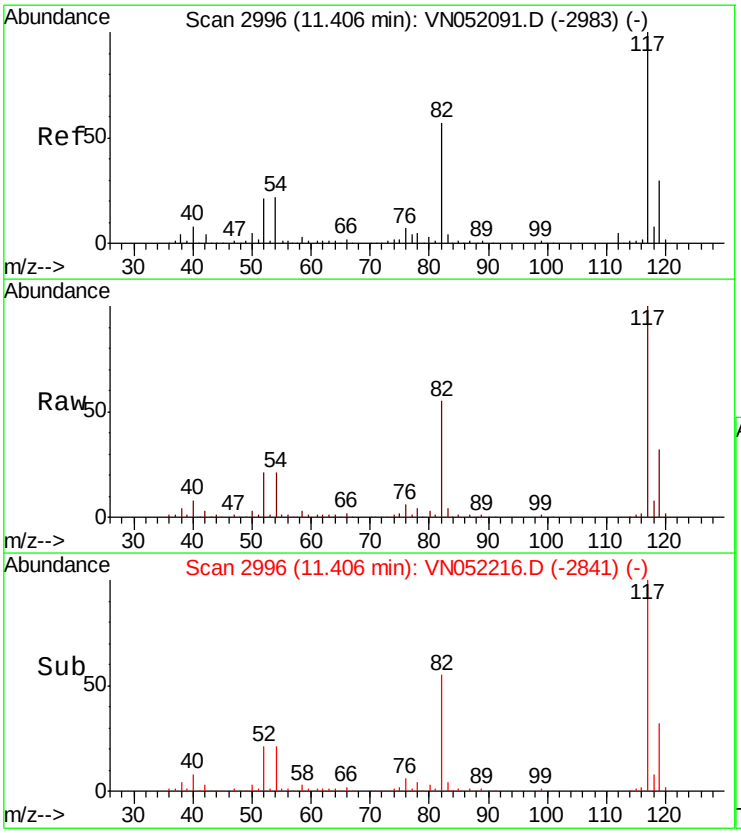
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN052216.D
Acq: 8 Nov 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL02

Tgt Ion:114 Resp: 353378

Ion	Ratio	Lower	Upper
114	100		
63	20.5	17.5	26.3
88	14.8	12.6	18.8

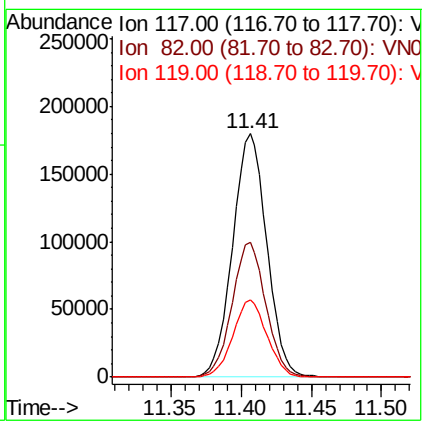


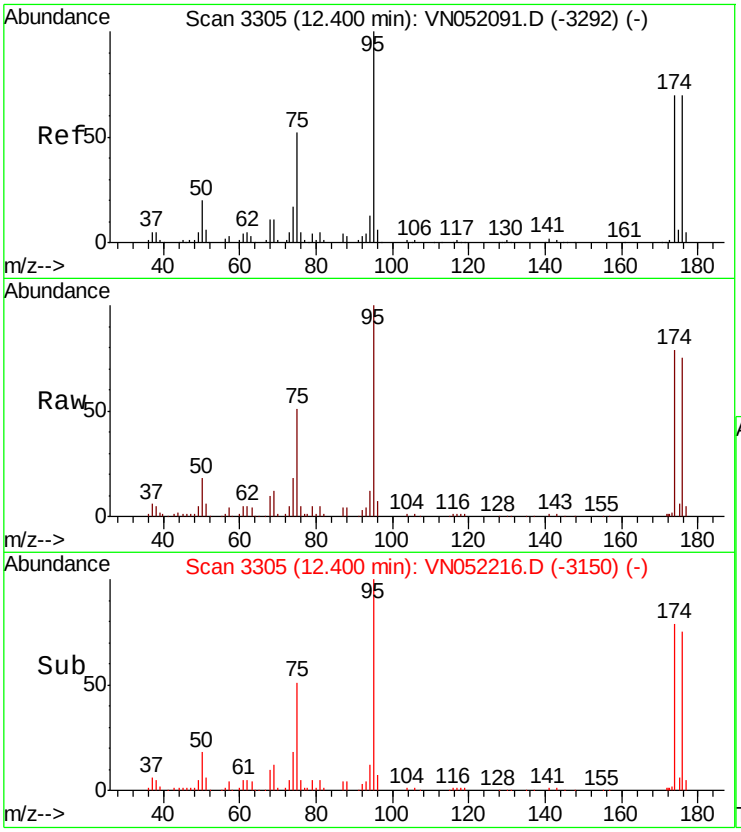


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052216.D
Acq: 8 Nov 2018 11:34

Tgt Ion:117 Resp: 306304

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.0	67.6
119	31.6	24.2	36.4



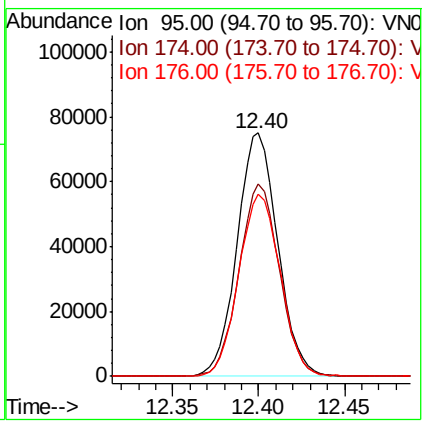


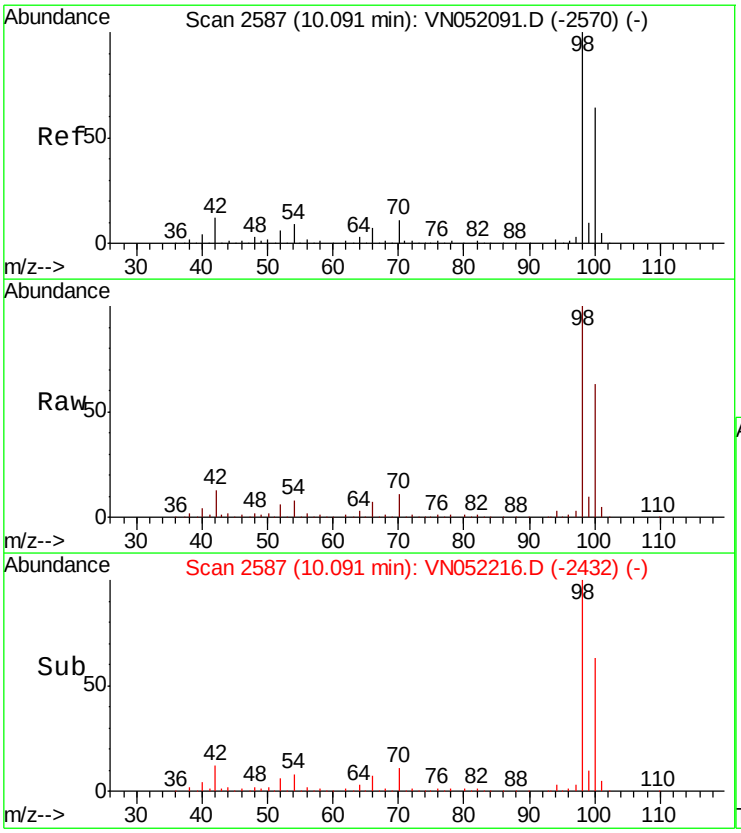
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052216.D
Acq: 8 Nov 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL02

Tgt Ion: 95 Resp: 123072

Ion	Ratio	Lower	Upper
95	100		
174	78.4	55.0	82.6
176	76.5	54.2	81.4





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052216.D
Acq: 8 Nov 2018 11:34

Tgt Ion: 98 Resp: 428489

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1