Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052718.D
Acq On : 7 Dec 2018 11:25
Operator : MD\SY
Sample : VN1207WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1207WBL01

Quant Time: Dec 07 12:59:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	148100	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	839210	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	700200	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	300312	29.76	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.20%			
60) 4-Bromofluorobenzene	12.40	95	270110	25.23	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 84.10%			
63) Toluene-d8	10.09	98	973349	29.98	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.93%			

Target Compounds	Qvalue

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

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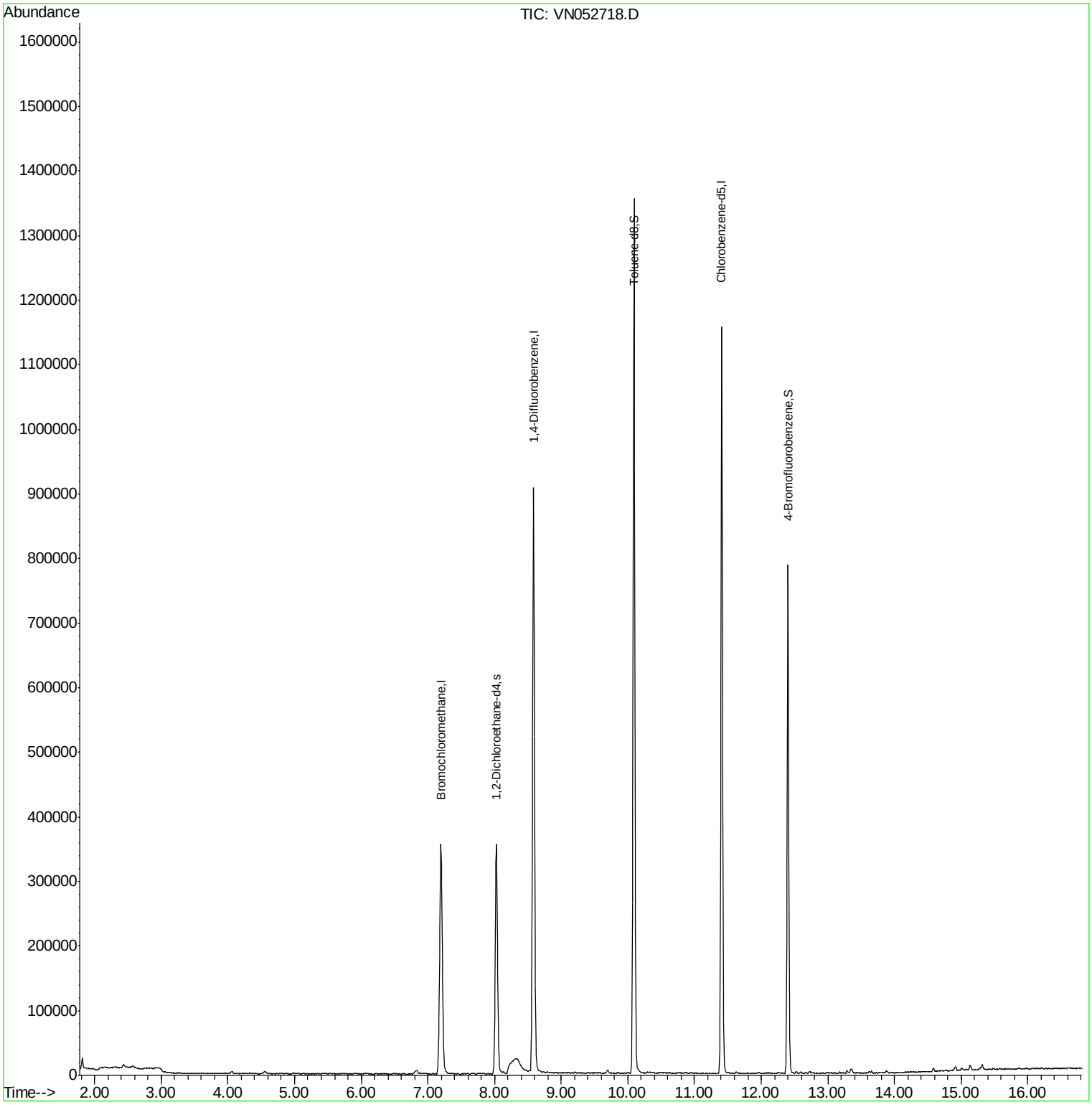
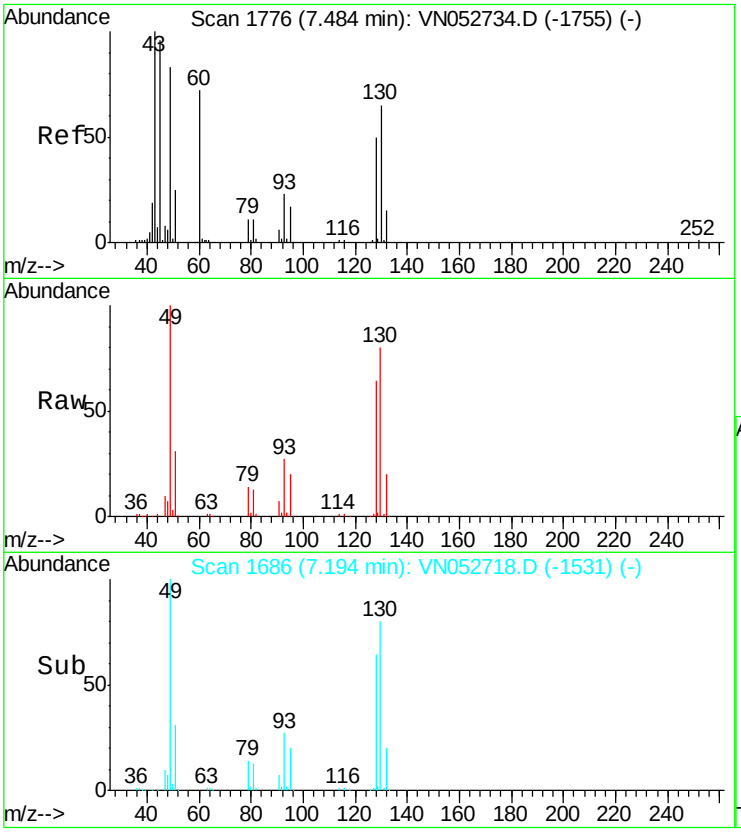


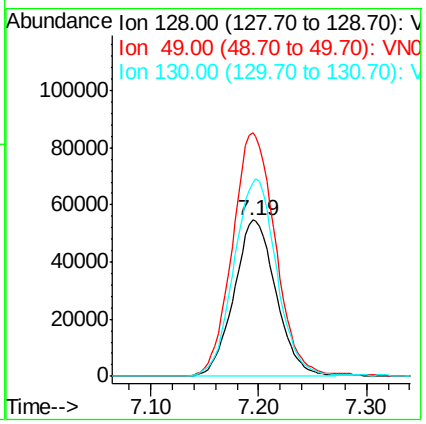


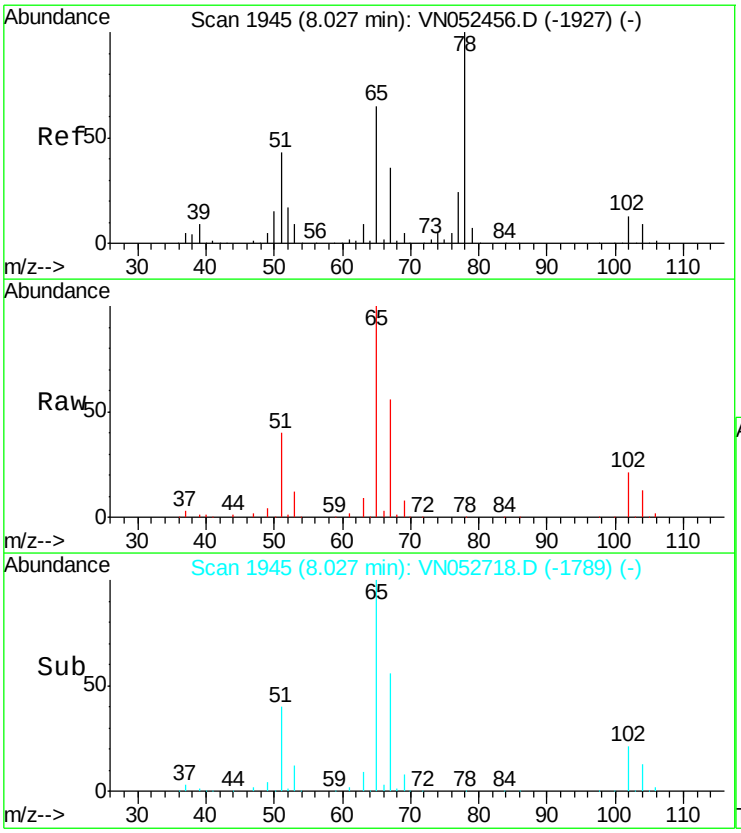
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN052718.D
Acq: 7 Dec 2018 11:25

Instrument : MSVOA_N
ClientSampleId : VN1207WBL01

Tgt Ion:128 Resp: 148100

Ion	Ratio	Lower	Upper
128	100		
49	159.3	0.0	431.8
130	128.3	0.0	317.0

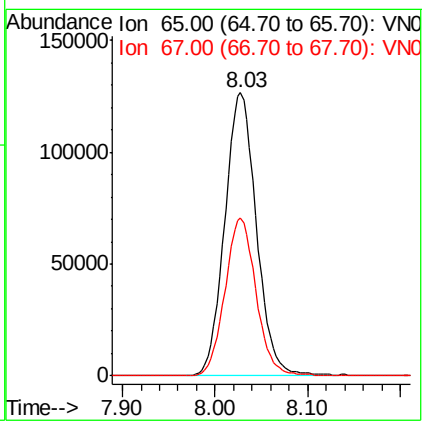


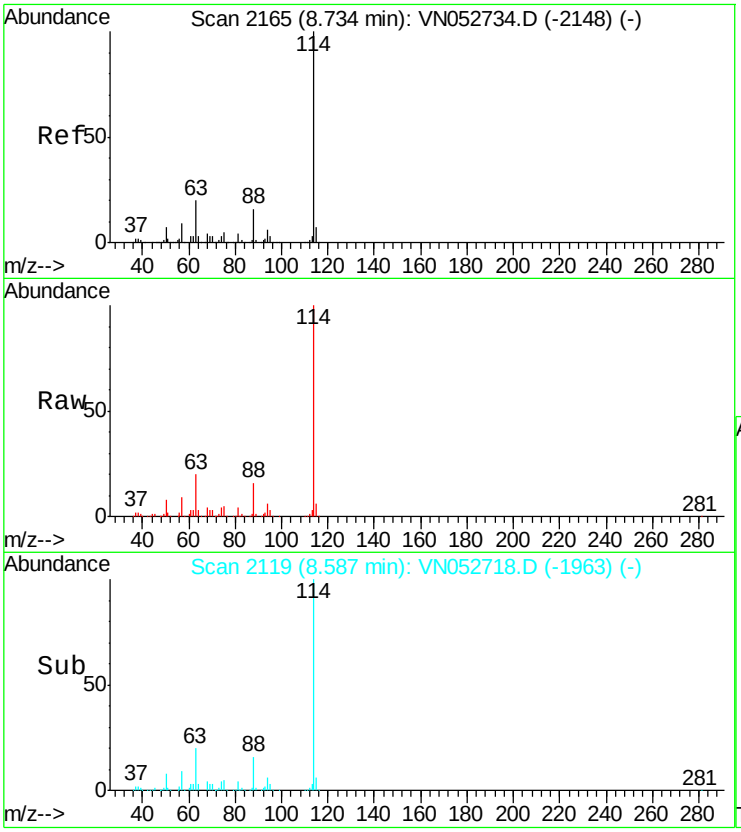


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052718.D
Acq: 7 Dec 2018 11:25

Tgt Ion: 65 Resp: 300312

Ion	Ratio	Lower	Upper
65	100		
67	54.7	44.6	66.8



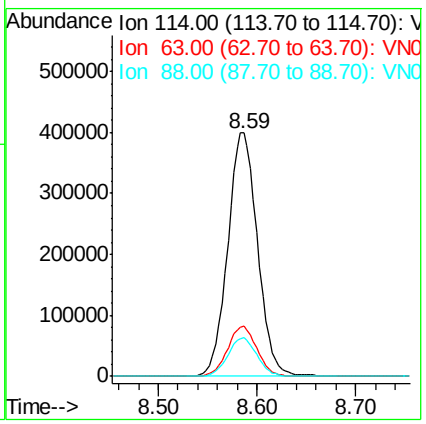


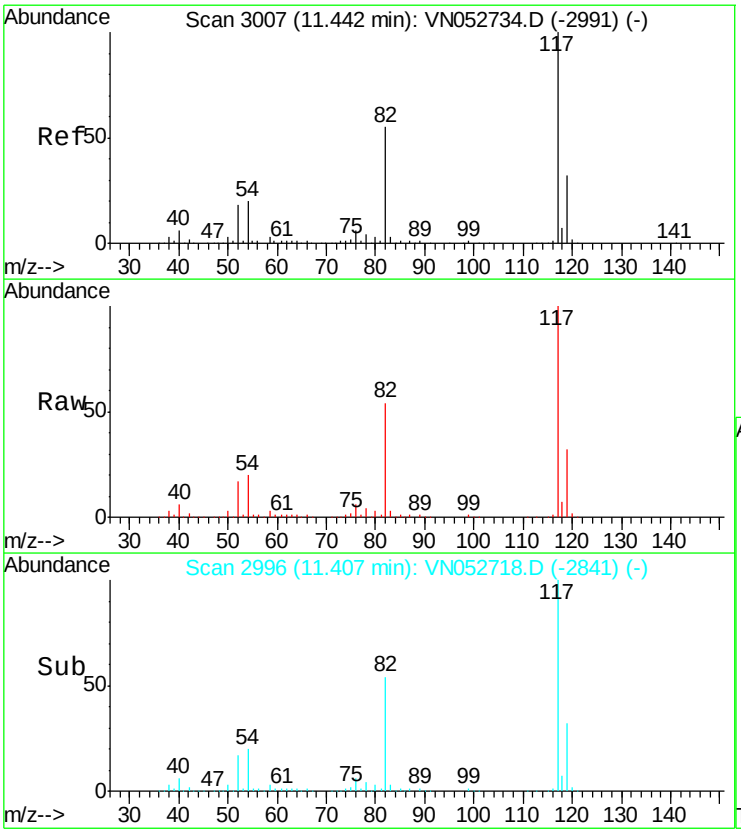
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052718.D
Acq: 7 Dec 2018 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBL01

Tgt Ion:114 Resp: 839210

Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.9	25.3
88	15.5	12.8	19.2

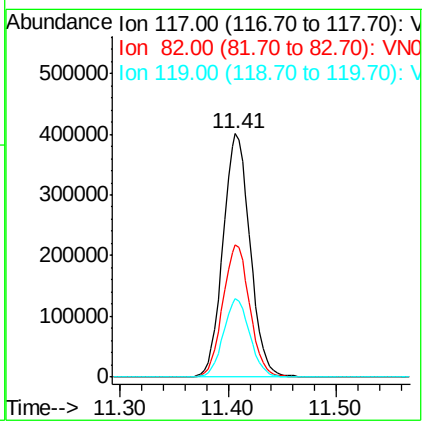


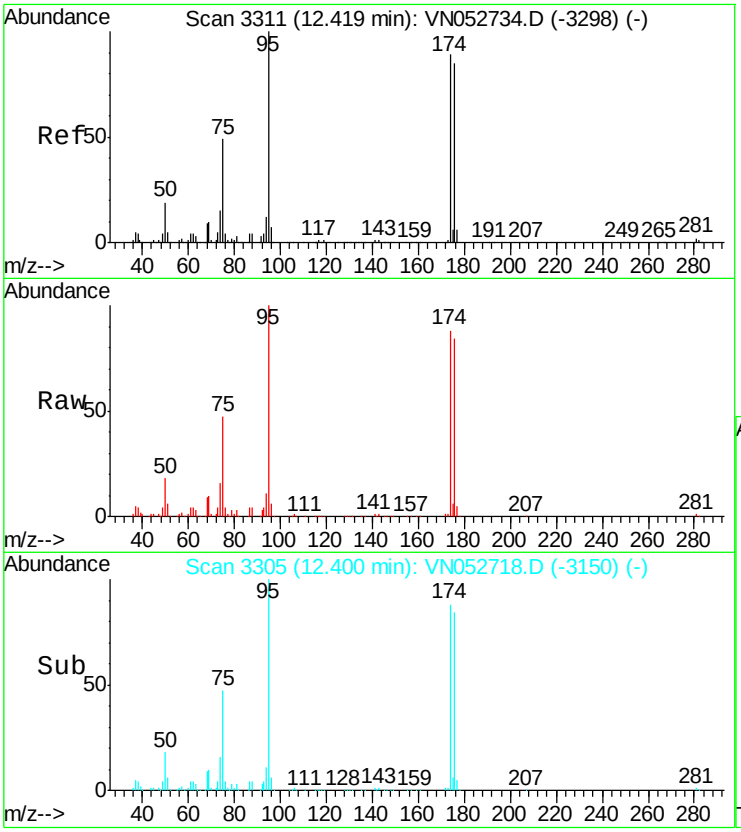


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052718.D
Acq: 7 Dec 2018 11:25

Tgt Ion:117 Resp: 700200

Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.2
119	31.5	25.4	38.2



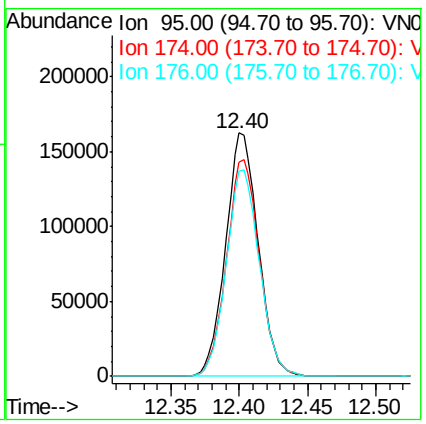


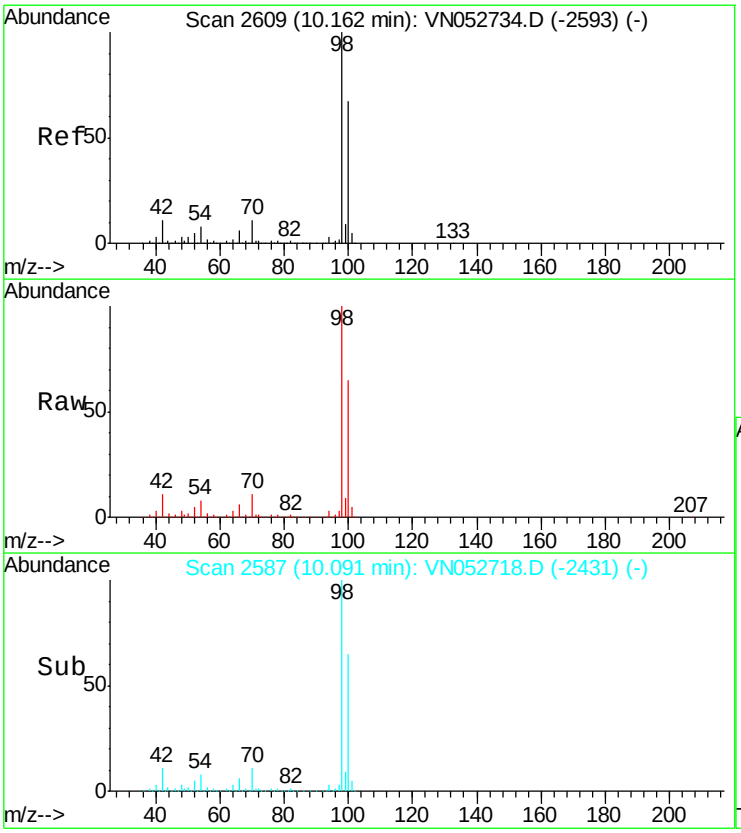
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052718.D
Acq: 7 Dec 2018 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBL01

Tgt Ion: 95 Resp: 270110

Ion	Ratio	Lower	Upper
95	100		
174	89.5	67.9	101.9
176	85.9	66.4	99.6





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052718.D
Acq: 7 Dec 2018 11:25

Tgt Ion: 98 Resp: 973349

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7