Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053093.D
Acq On : 21 Dec 2018 9:40
Operator : MD\SY
Sample : VN1221WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1221WBL01

Quant Time: Dec 21 10:32:35 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	7.20	128	164695	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	968482	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	823181	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	323707	28.85	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.17%			
60) 4-Bromofluorobenzene	12.40	95	362987	28.84	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 96.13%			
63) Toluene-d8	10.09	98	1106103	28.98	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 96.60%			

Target Compounds	Qvalue

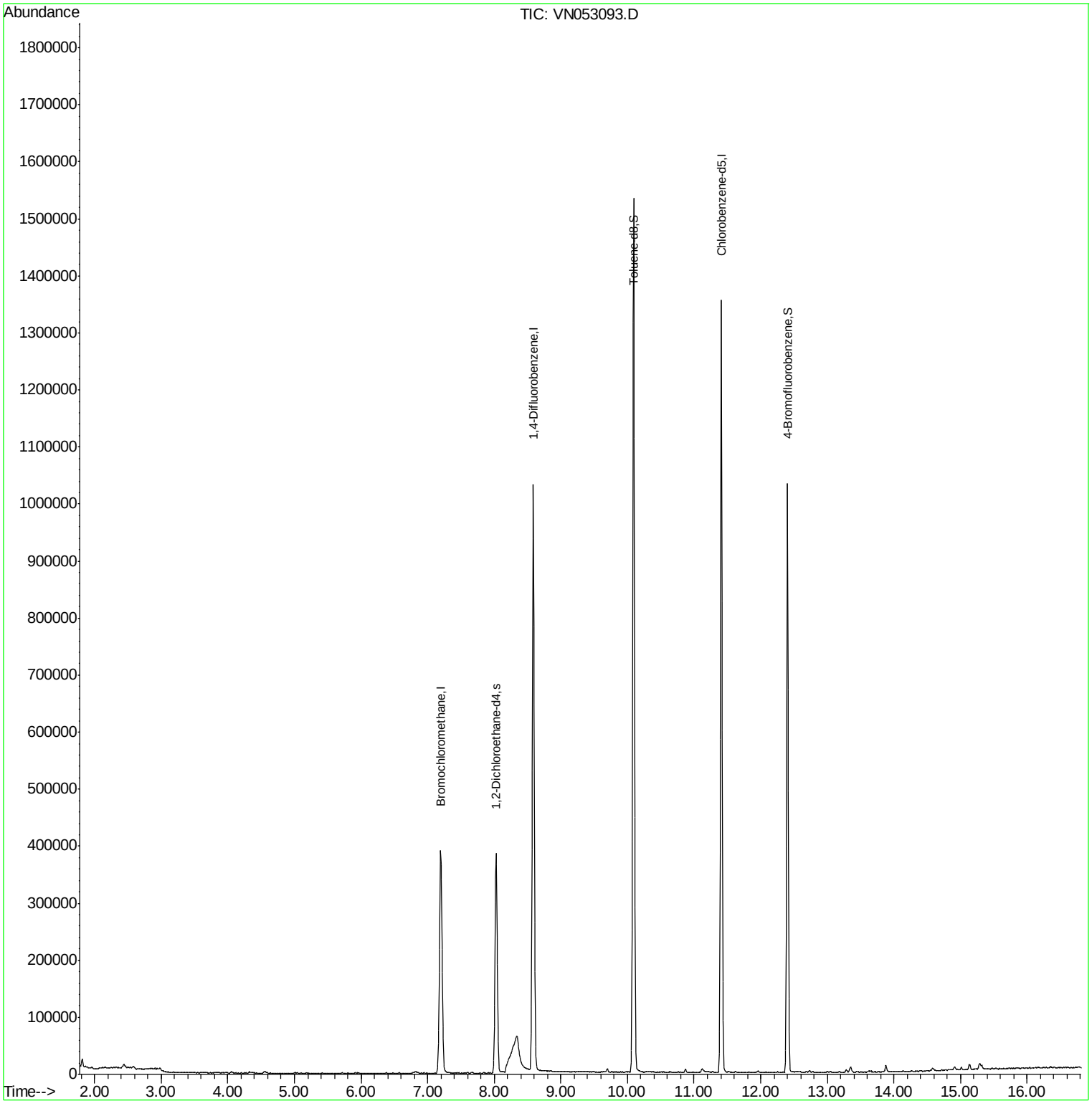
(#) = qualifier out of range (m) = manual integration (+) = signals summed

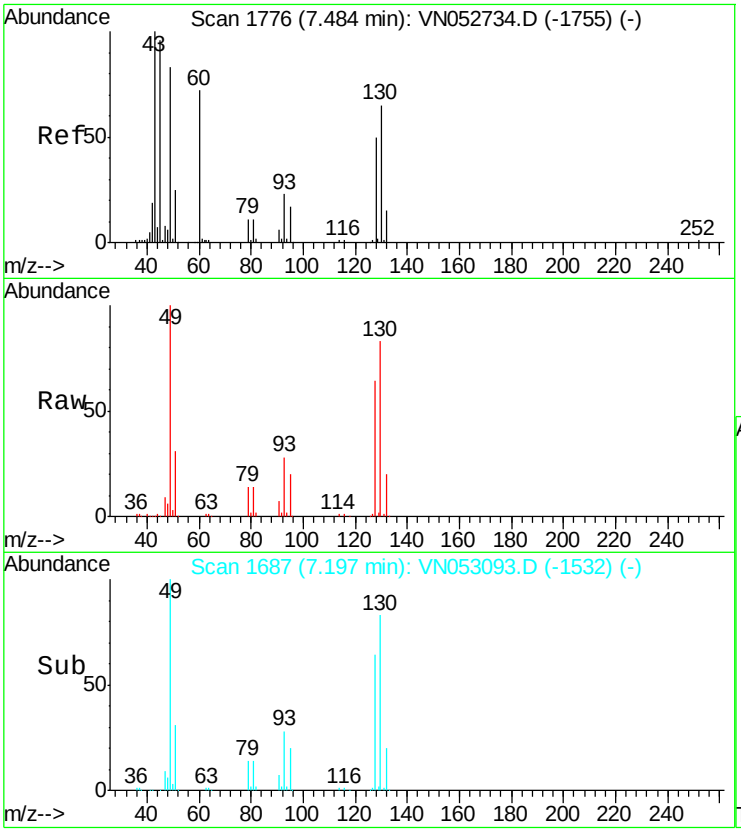
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053093.D
Acq On : 21 Dec 2018 9:40
Operator : MD\SY
Sample : VN1221WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01

Quant Time: Dec 21 10:32:35 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



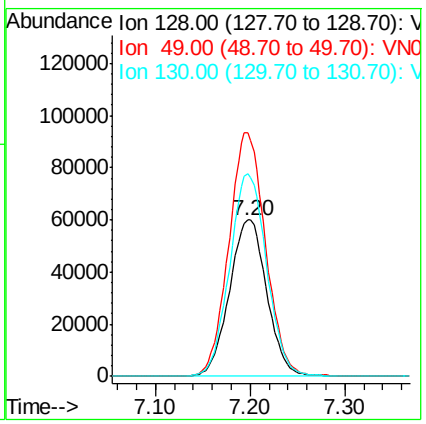


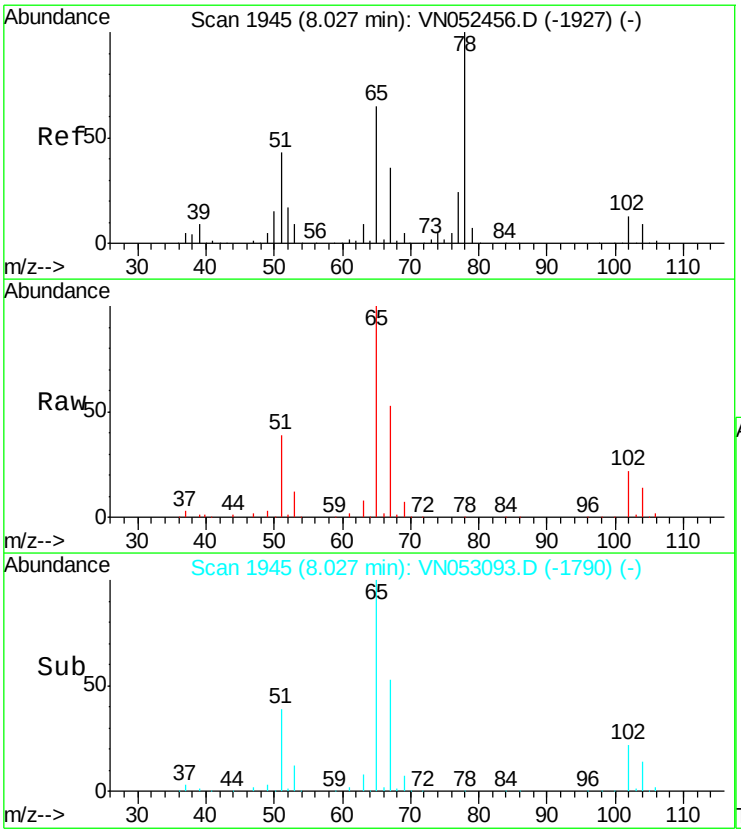
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN053093.D
Acq: 21 Dec 2018 9:40

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01

Tgt Ion:128 Resp: 164695

Ion	Ratio	Lower	Upper
128	100		
49	153.2	0.0	431.8
130	128.6	0.0	317.0

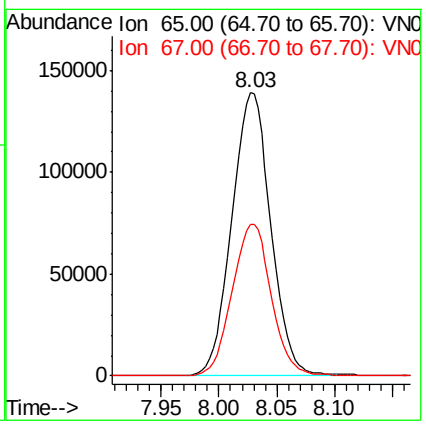


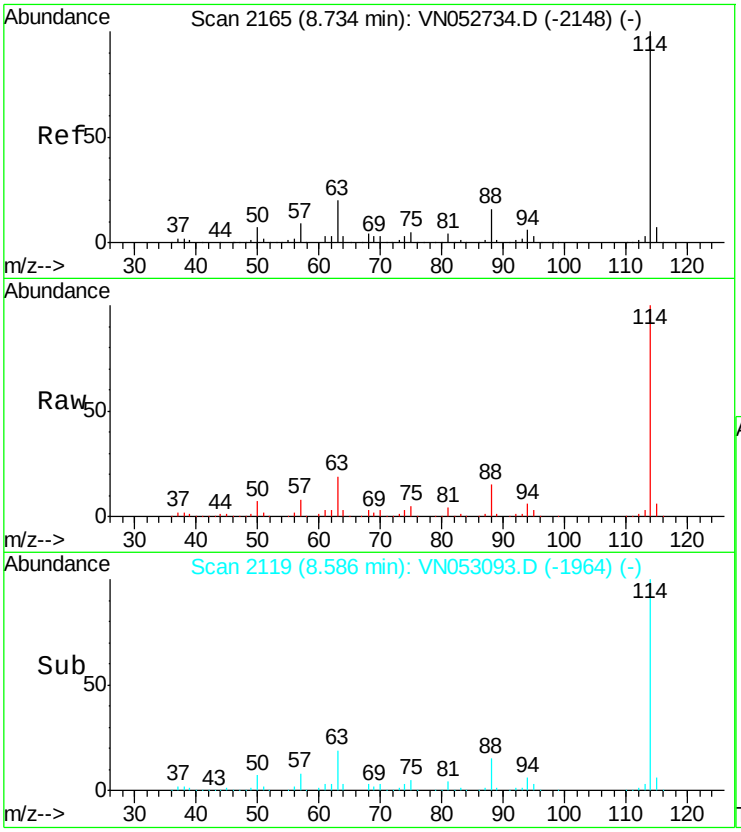


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053093.D
Acq: 21 Dec 2018 9:40

Tgt Ion: 65 Resp: 323707

Ion	Ratio	Lower	Upper
65	100		
67	53.9	44.6	66.8



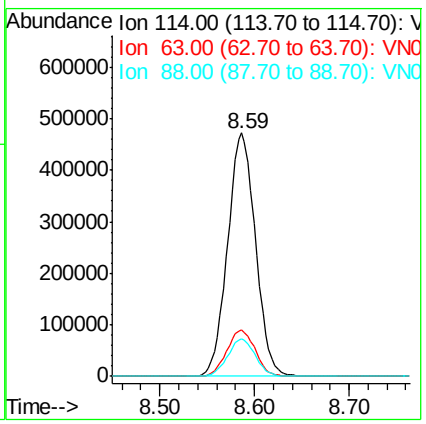


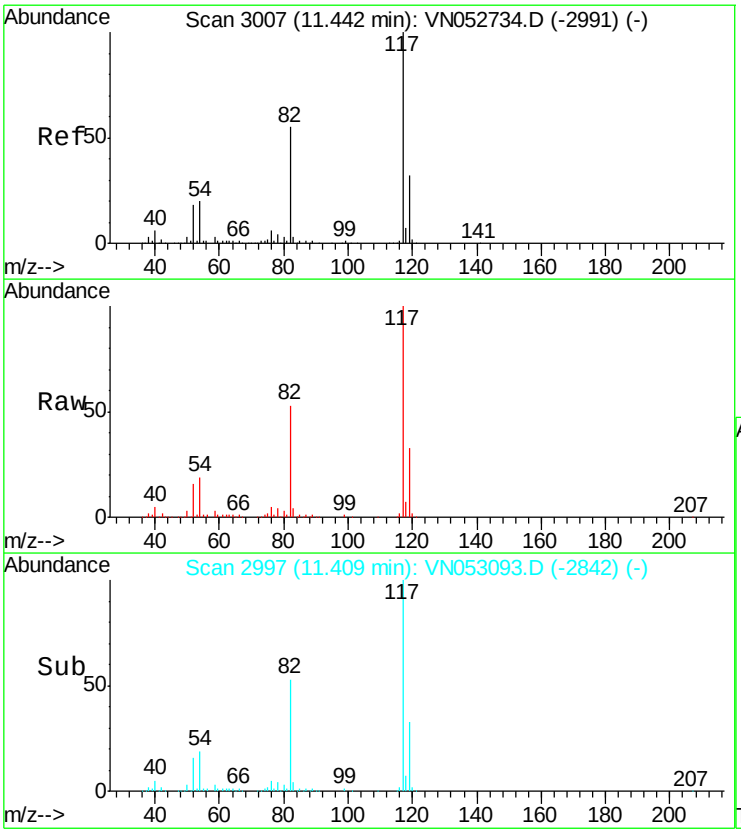
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053093.D
Acq: 21 Dec 2018 9:40

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01

Tgt Ion:114 Resp: 968482

Ion	Ratio	Lower	Upper
114	100		
63	19.5	16.9	25.3
88	15.2	12.8	19.2

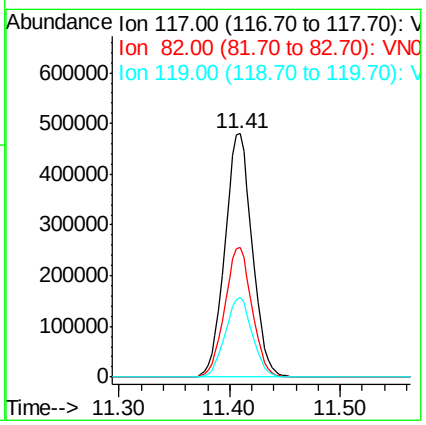


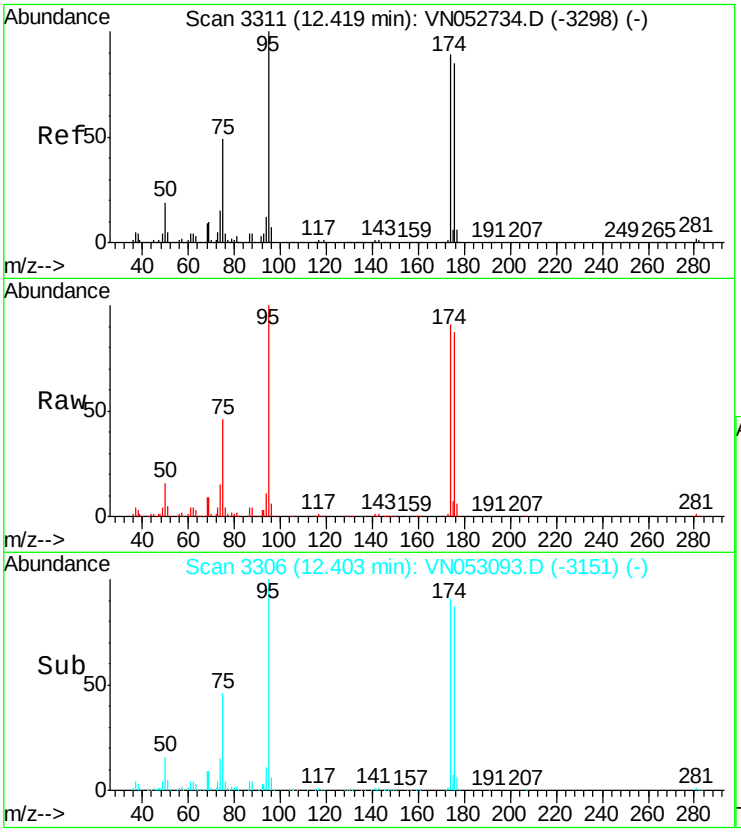


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN053093.D
Acq: 21 Dec 2018 9:40

Tgt Ion:117 Resp: 823181

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.2	66.2
119	32.4	25.4	38.2



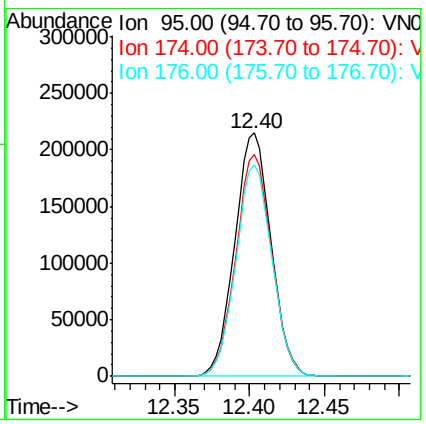


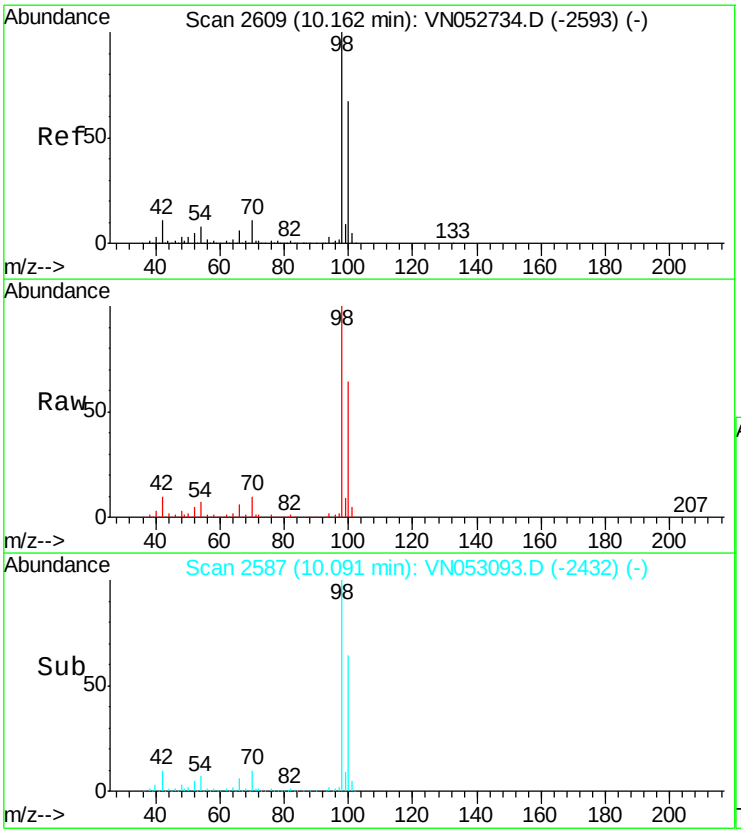
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN053093.D
Acq: 21 Dec 2018 9:40

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01

Tgt Ion: 95 Resp: 362987

Ion	Ratio	Lower	Upper
95	100		
174	90.3	67.9	101.9
176	86.7	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: VN053093.D
Acq: 21 Dec 2018 9:40

Tgt Ion: 98 Resp: 1106103

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7