Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071819\
Data File : VN056802.D
Acq On : 18 Jul 2019 9:59
Operator : JC/SP
Sample : VN0718WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0718WBL01

Quant Time: Jul 19 05:41:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	49839	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	272769	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	212502	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	105094	31.13	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 103.77%			
60) 4-Bromofluorobenzene	12.40	95	70931	21.81	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 72.70%			
63) Toluene-d8	10.09	98	318045	32.76	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 109.20%			
Target Compounds						Qvalue

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

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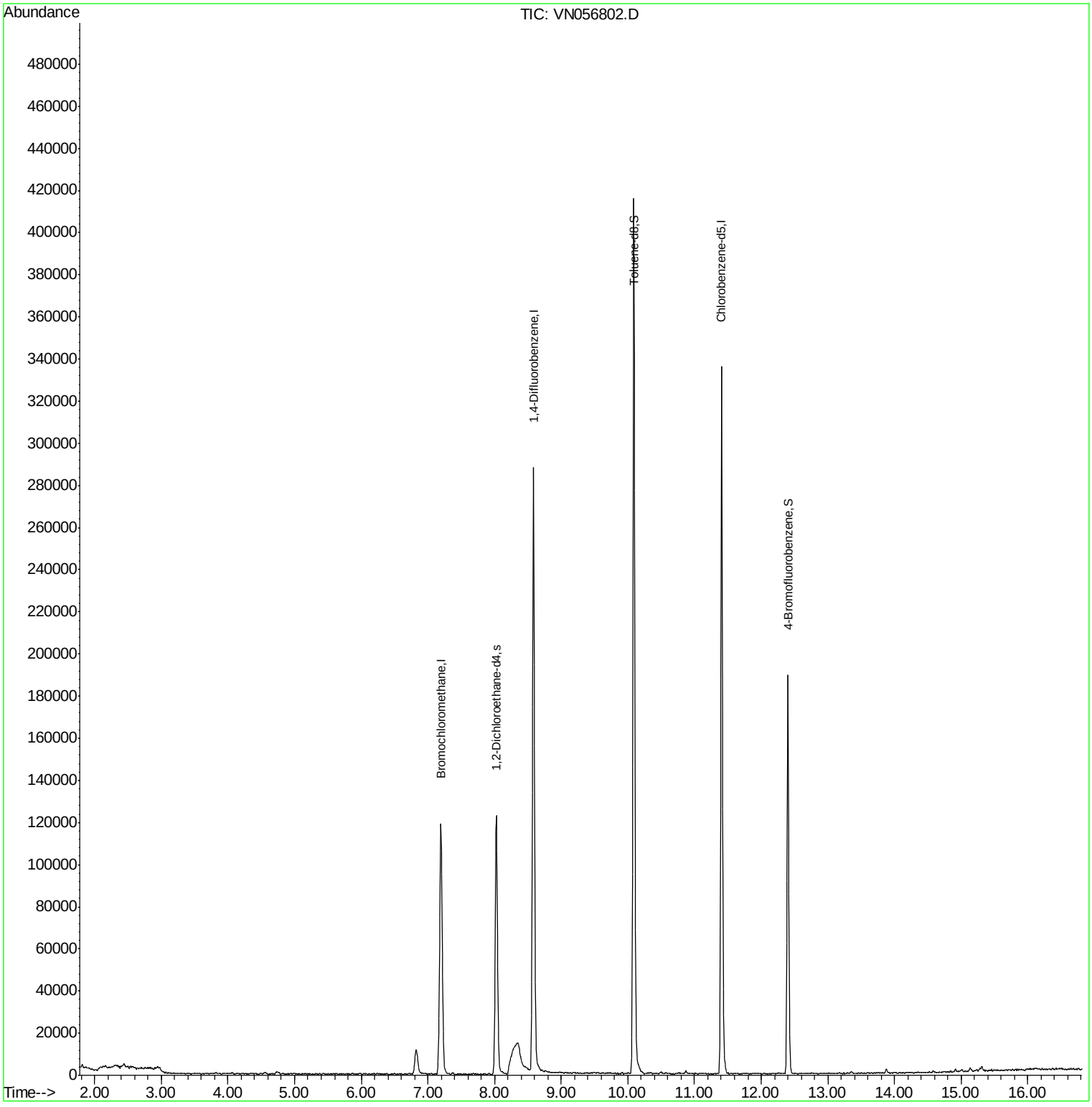
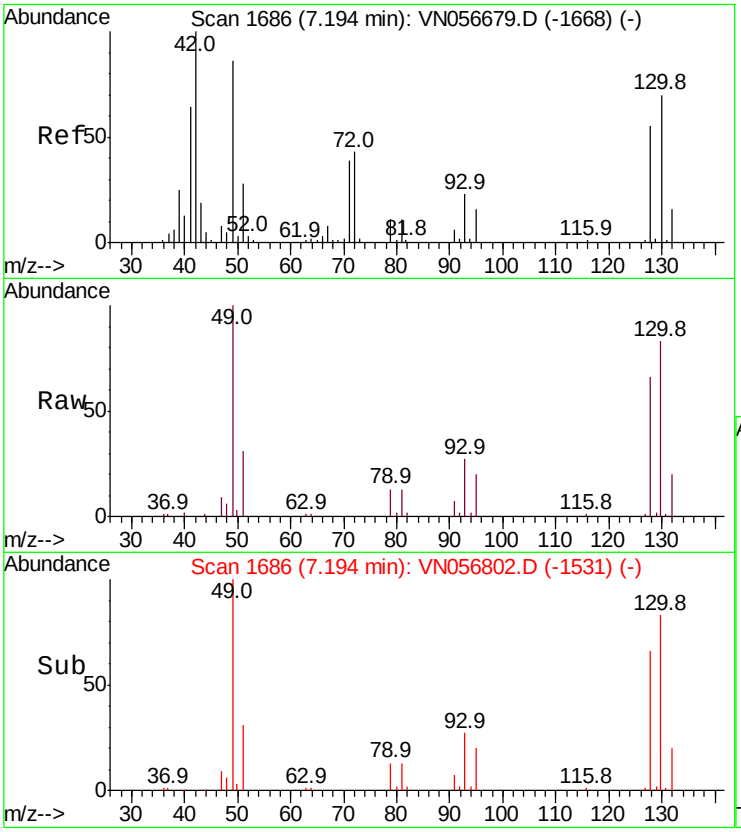


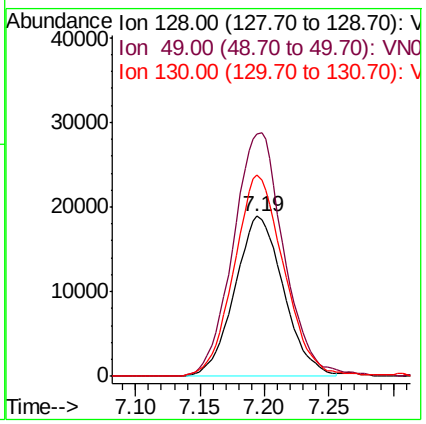


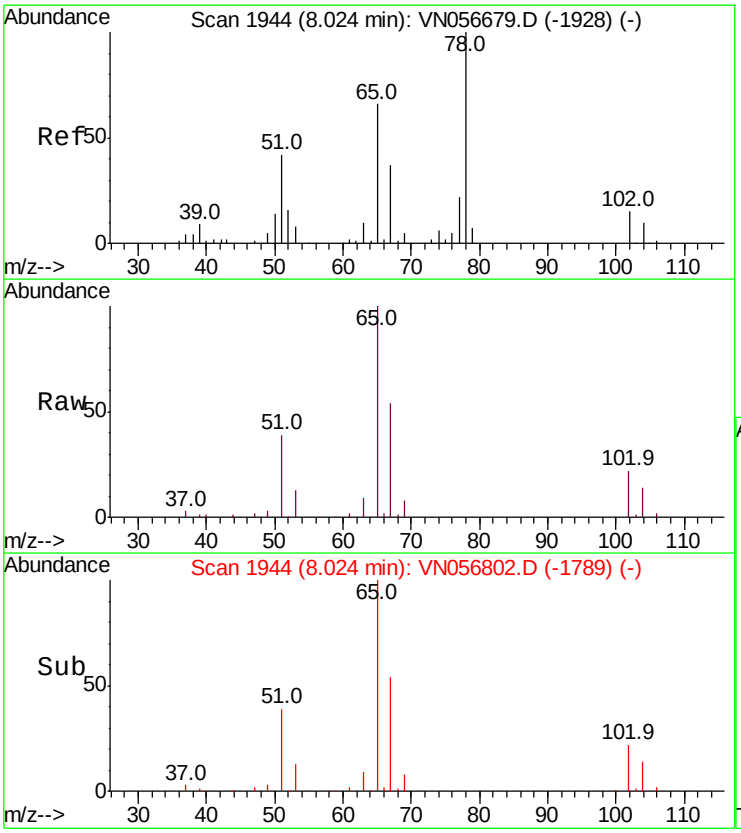
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056802.D
Acq: 18 Jul 2019 9:59

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

Tgt Ion:128 Resp: 49839

Ion	Ratio	Lower	Upper
128	100		
49	157.9	0.0	390.5
130	128.9	0.0	316.5

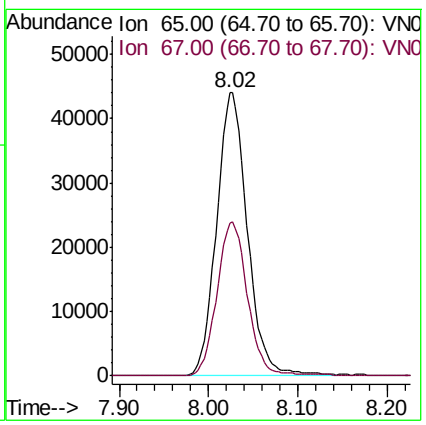


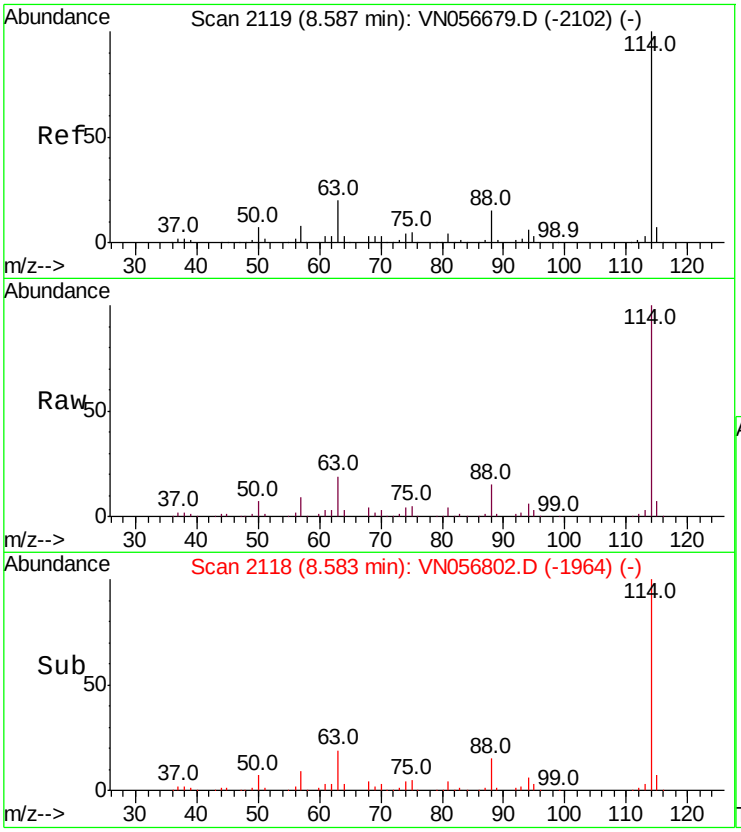


#27
1,2-Dichloroethane-d4
Concen: 31.130 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN056802.D
Acq: 18 Jul 2019 9:59

Tgt Ion: 65 Resp: 105094

Ion	Ratio	Lower	Upper
65	100		
67	53.8	43.4	65.0



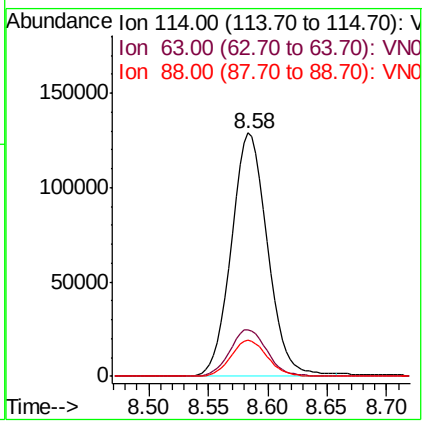


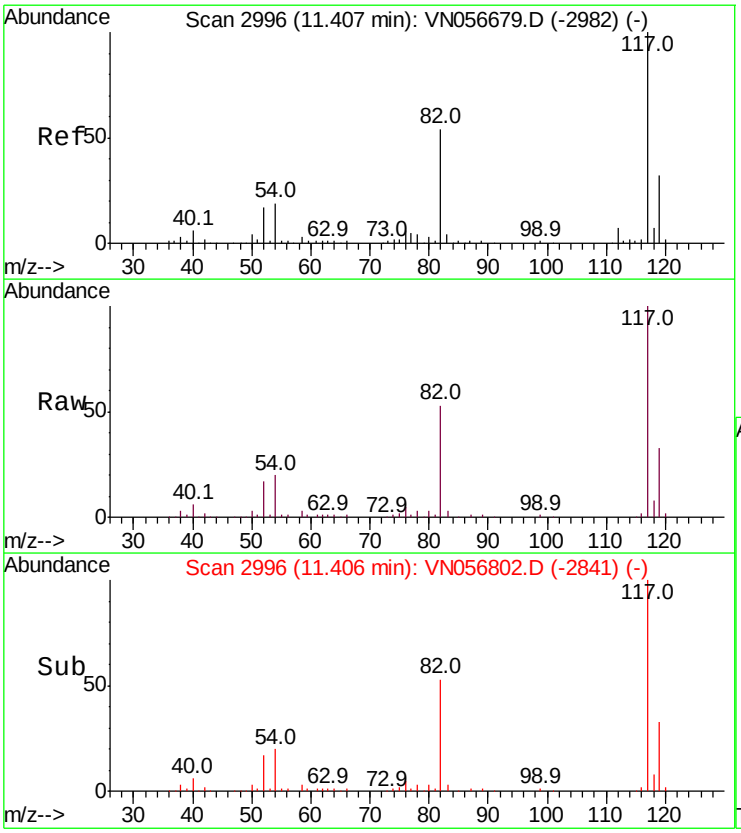
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056802.D
Acq: 18 Jul 2019 9:59

Instrument : MSVOA_N
ClientSampleId : VN0718WBL01

Tgt Ion:114 Resp: 272769

Ion	Ratio	Lower	Upper
114	100		
63	19.6	16.2	24.2
88	14.9	12.3	18.5

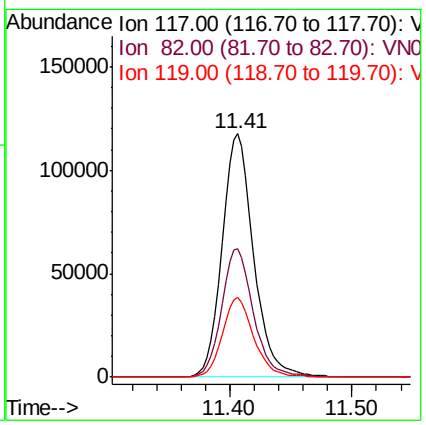


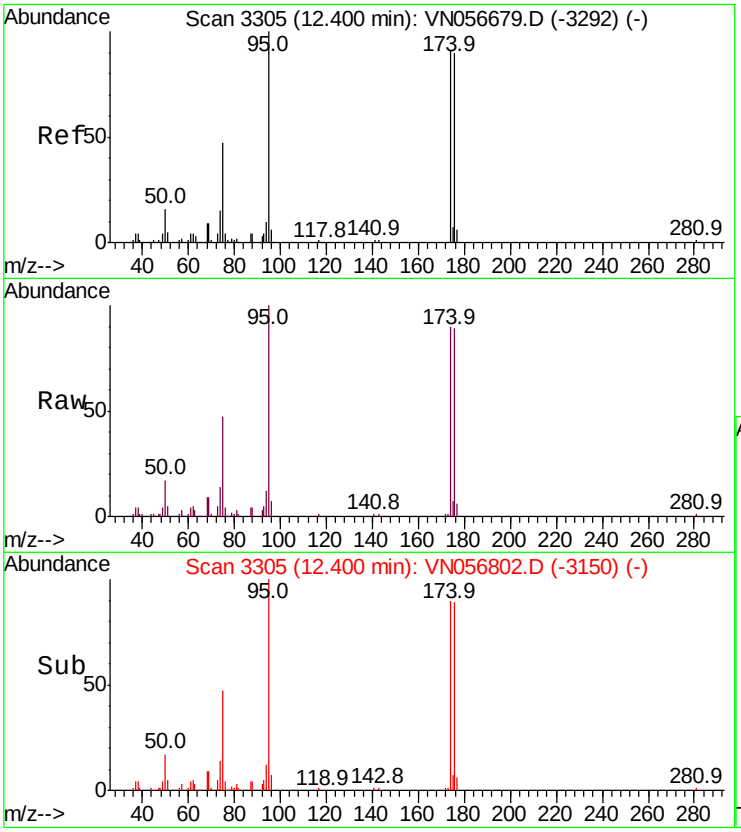


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056802.D
Acq: 18 Jul 2019 9:59

Tgt Ion:117 Resp: 212502

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.0	64.4
119	32.6	26.0	39.0



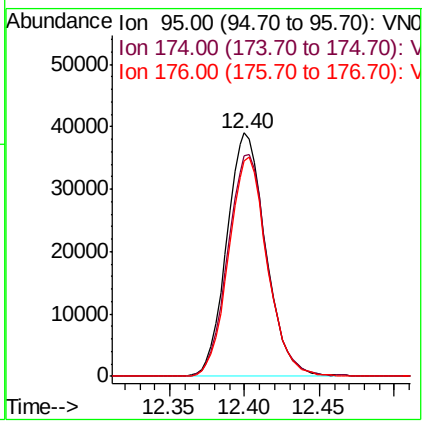


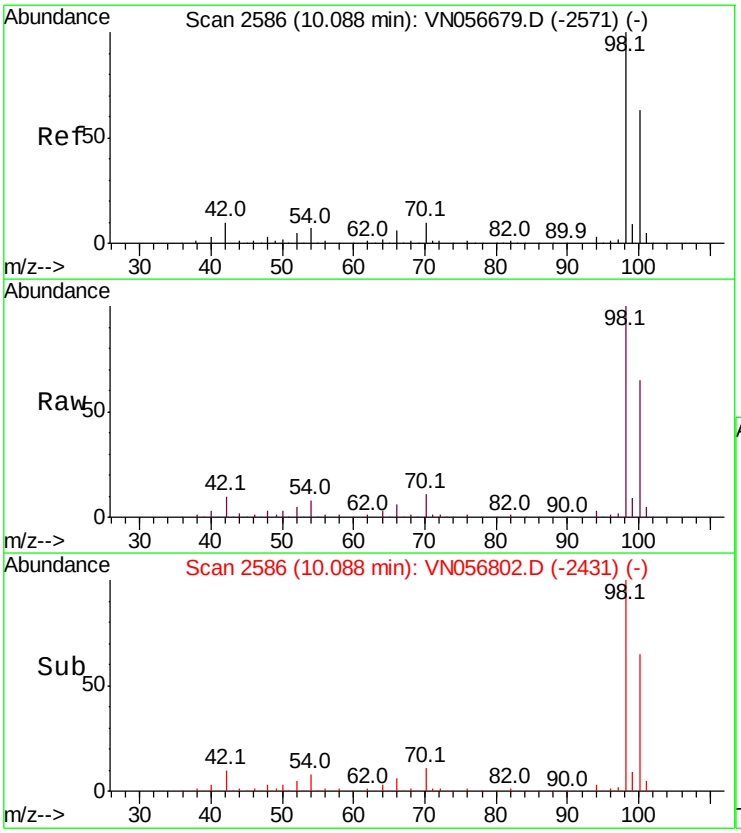
#60
4-Bromofluorobenzene
Concen: 21.810 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056802.D
Acq: 18 Jul 2019 9:59

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

Tgt Ion: 95 Resp: 70931

Ion	Ratio	Lower	Upper
95	100		
174	92.3	72.6	108.8
176	88.8	71.0	106.6





#63
Toluene-d8
Concen: 32.756 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056802.D
Acq: 18 Jul 2019 9:59

Tgt Ion: 98 Resp: 318045

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7