Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071919\
Data File : VX010988.D
Acq On : 19 Jul 2019 03:24
Operator : JC/SP
Sample : K3905-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 18107-NYCT-AVE-Z-TWP-1

Quant Time: Jul 19 10:09:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	37267	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	192075	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	159462	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	73840	29.23	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.43%			
60) 4-Bromofluorobenzene	11.13	95	69095	26.33	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 87.77%			
63) Toluene-d8	8.71	98	220991	31.53	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 105.10%			
Target Compounds						Qvalue

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

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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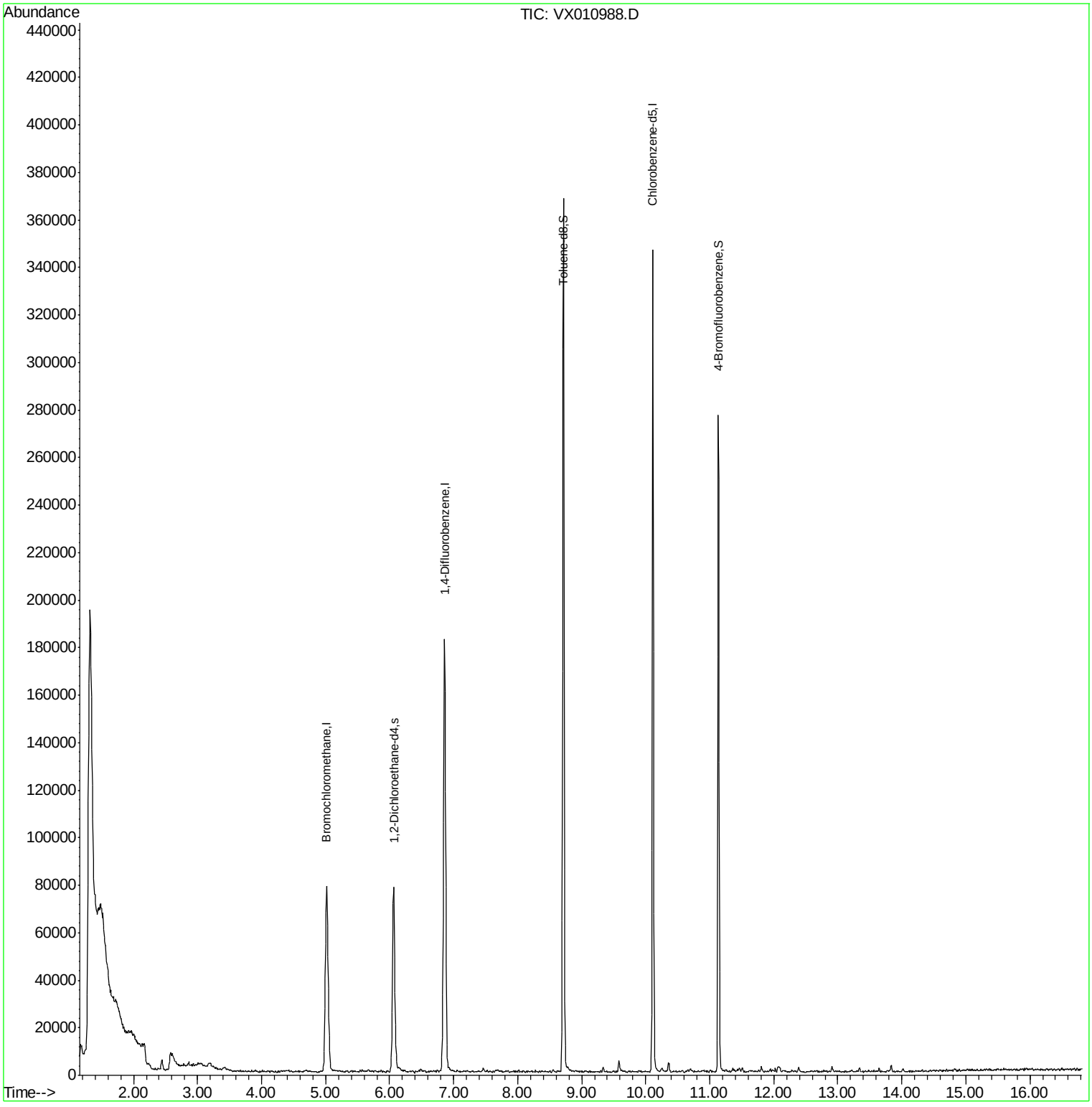
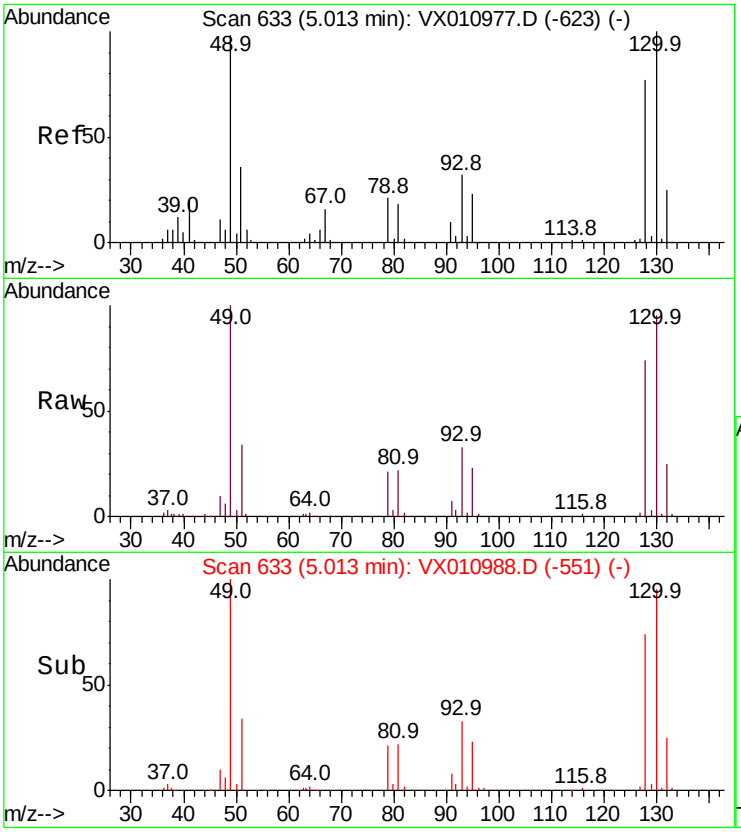


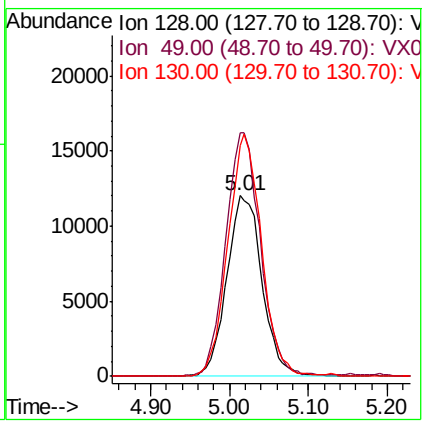


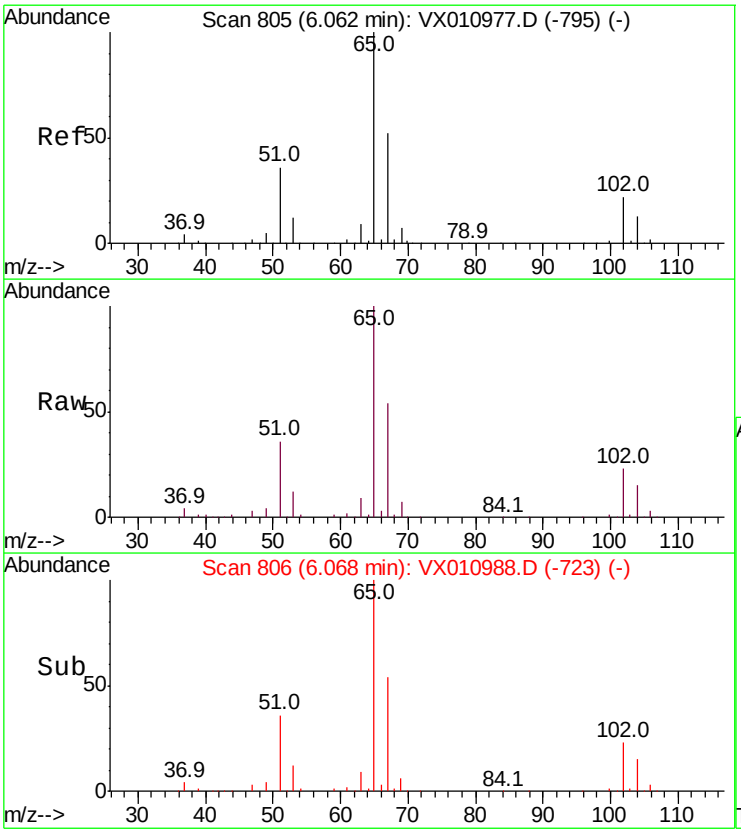
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010988.D
Acq: 19 Jul 2019 03:24

Instrument :
MSVOA_X
ClientSampleId :
18107-NYCT-AVE-Z-TWP-1

Tgt Ion:128 Resp: 37267

Ion	Ratio	Lower	Upper
128	100		
49	132.9	0.0	343.5
130	128.0	0.0	324.7

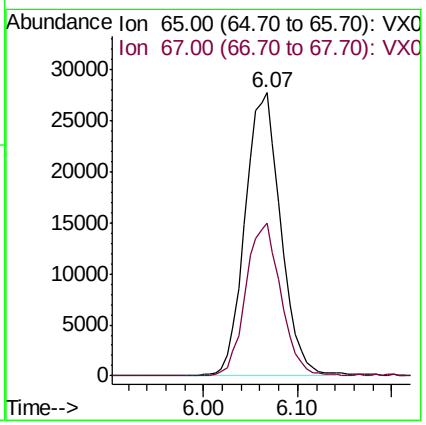


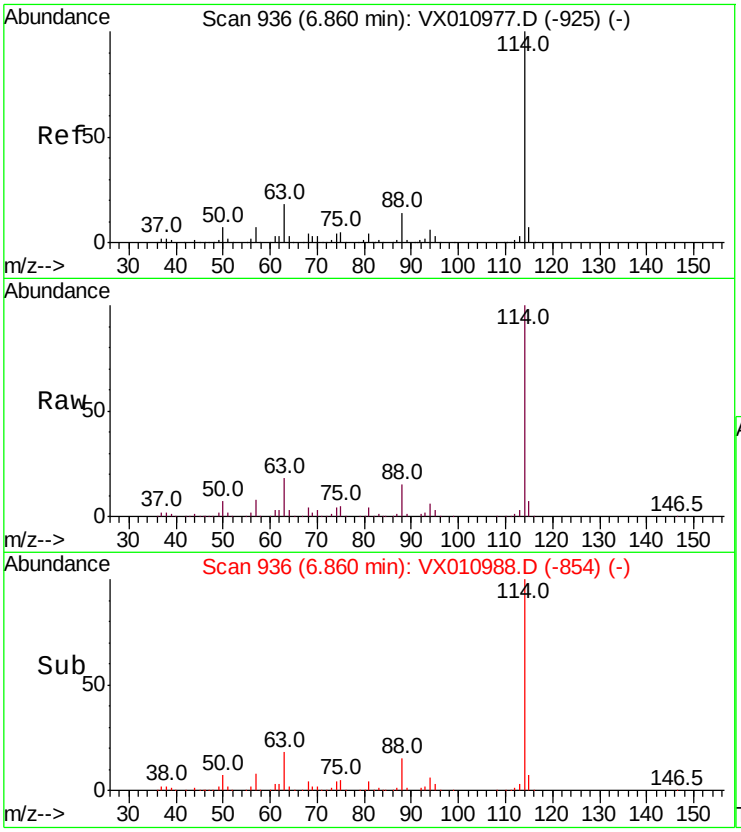


#27
1,2-Dichloroethane-d4
Concen: 29.226 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010988.D
Acq: 19 Jul 2019 03:24

Tgt Ion: 65 Resp: 73840

Ion	Ratio	Lower	Upper
65	100		
67	53.1	41.7	62.5



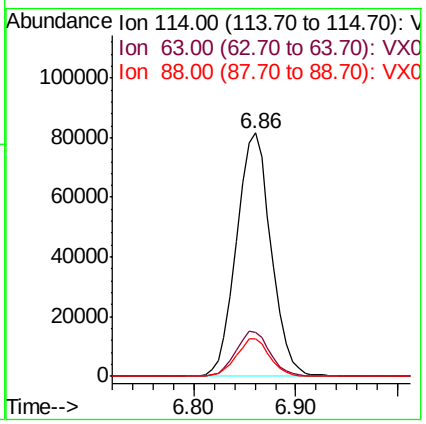


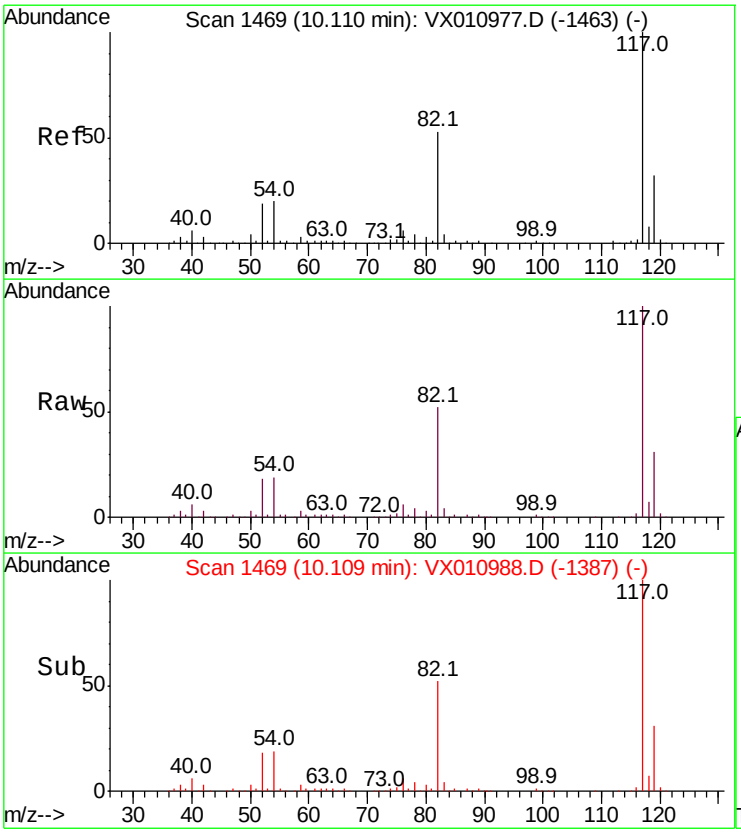
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010988.D
Acq: 19 Jul 2019 03:24

Instrument :
MSVOA_X
ClientSampleId :
18107-NYCT-AVE-Z-TWP-1

Tgt Ion:114 Resp: 192075

Ion	Ratio	Lower	Upper
114	100		
63	18.0	14.6	22.0
88	15.1	11.8	17.8

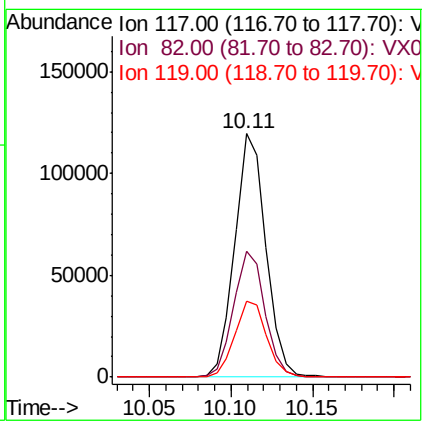


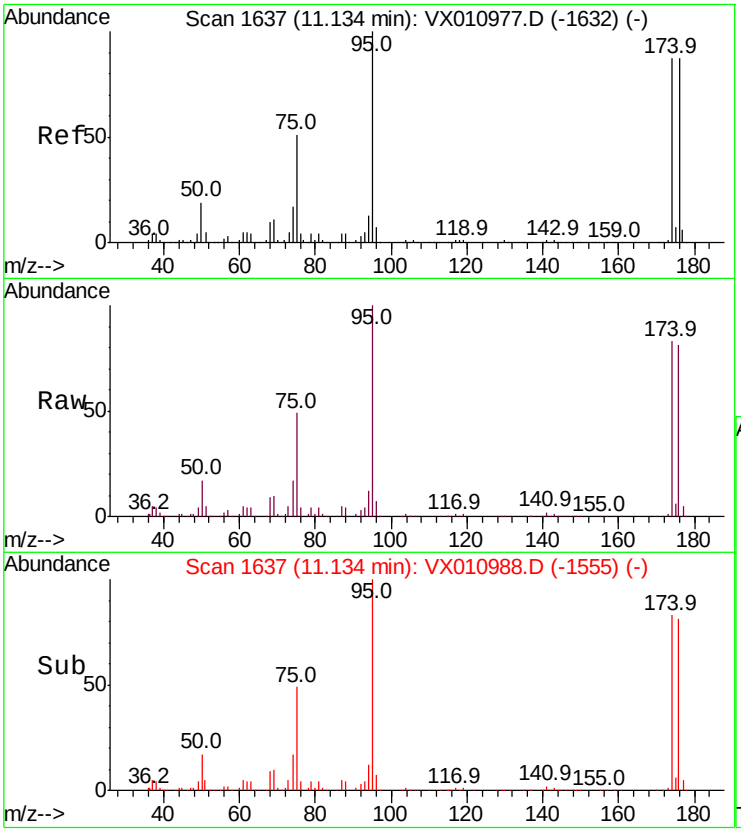


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010988.D
Acq: 19 Jul 2019 03:24

Tgt Ion:117 Resp: 159462

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.6	62.4
119	32.0	26.0	39.0



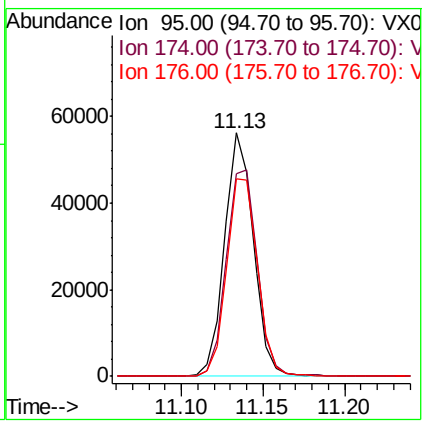


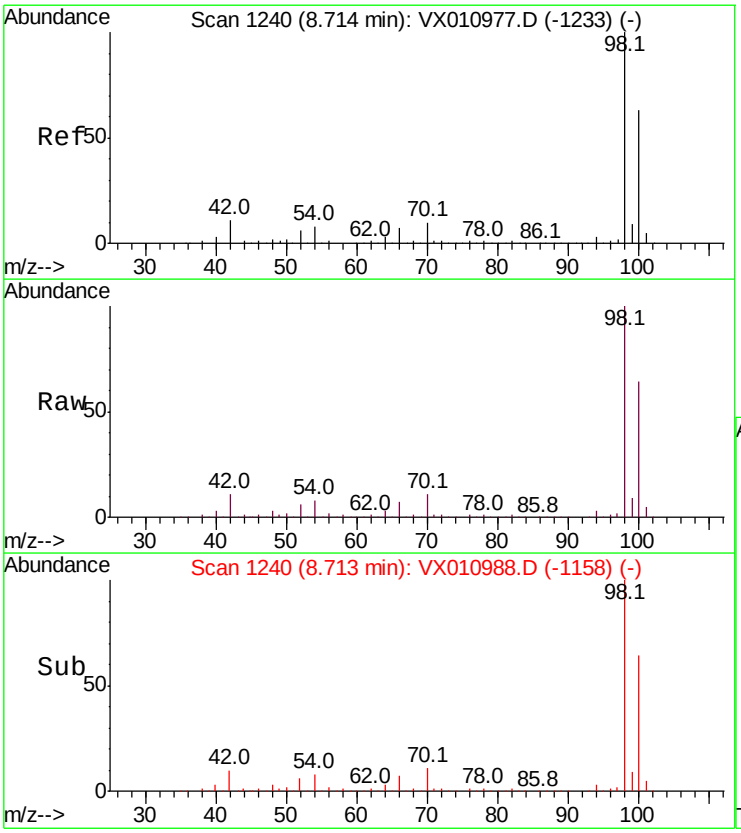
#60
4-Bromofluorobenzene
Concen: 26.326 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010988.D
Acq: 19 Jul 2019 03:24

Instrument :
MSVOA_X
ClientSampleId :
18107-NYCT-AVE-Z-TWP-1

Tgt Ion: 95 Resp: 69095

Ion	Ratio	Lower	Upper
95	100		
174	91.3	73.3	109.9
176	86.8	71.2	106.8





#63
Toluene-d8
Concen: 31.530 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010988.D
Acq: 19 Jul 2019 03:24

Tgt Ion: 98 Resp: 220991

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0