Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008166.D
Acq On : 18 Mar 2019 14:59
Operator : JC/SP
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0318WBL01

Quant Time: Mar 19 03:10:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 14:34:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	52937	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	294452	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	251849	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	134506	30.55	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.83%			
60) 4-Bromofluorobenzene	11.13	95	118408	28.17	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.90%			
63) Toluene-d8	8.71	98	366666	29.96	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.87%			

Target Compounds	Qvalue

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

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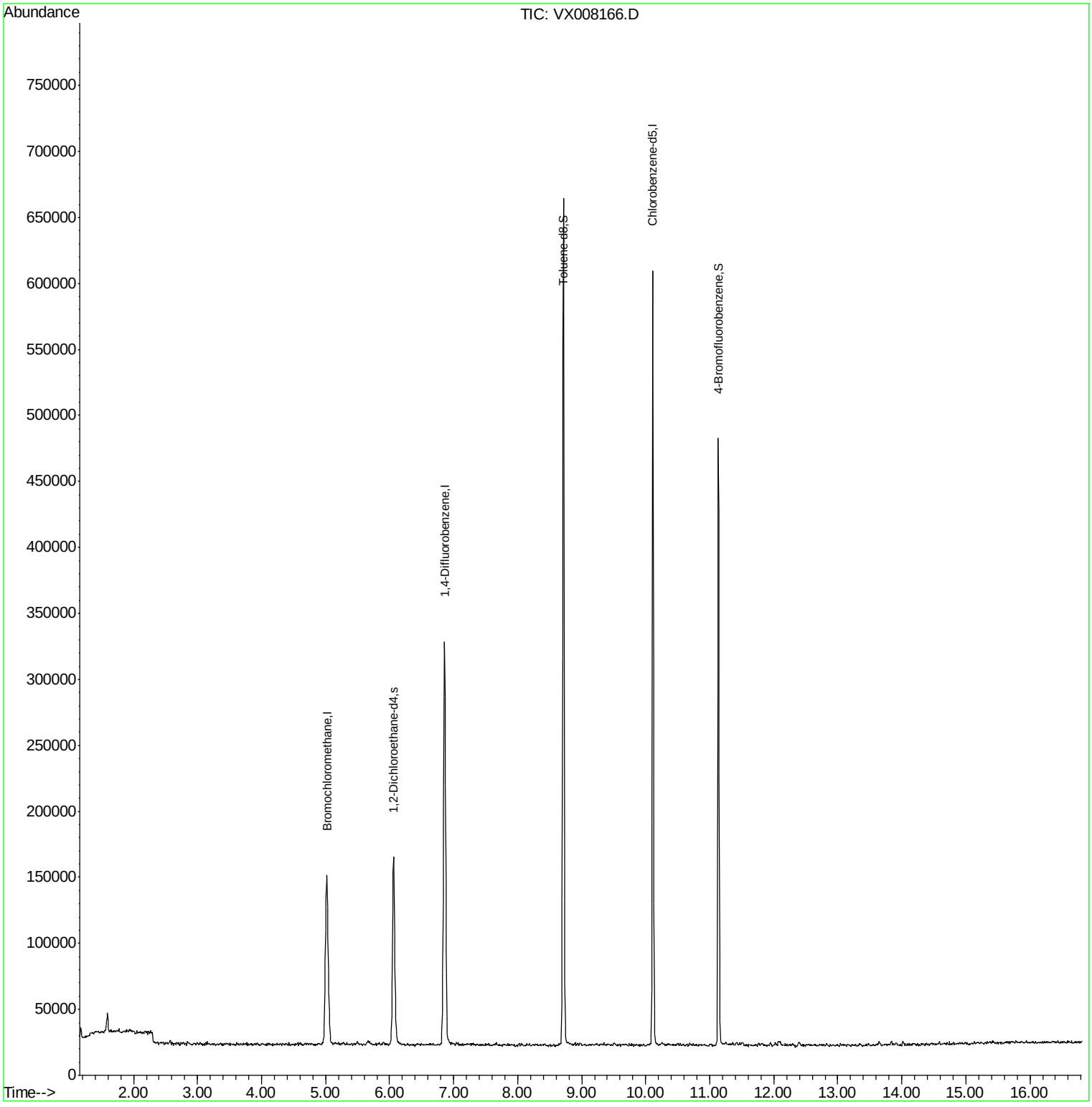
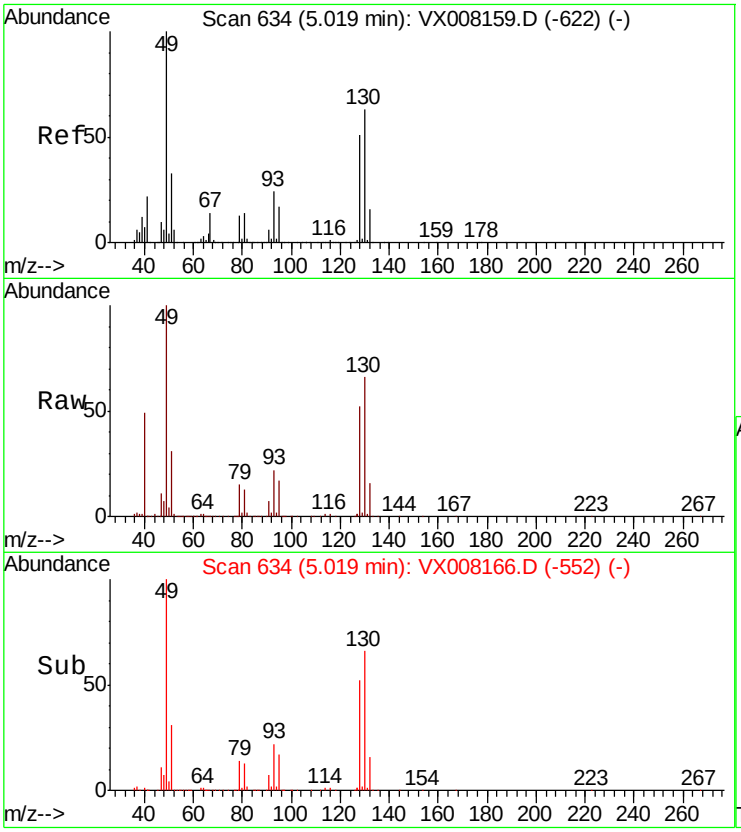


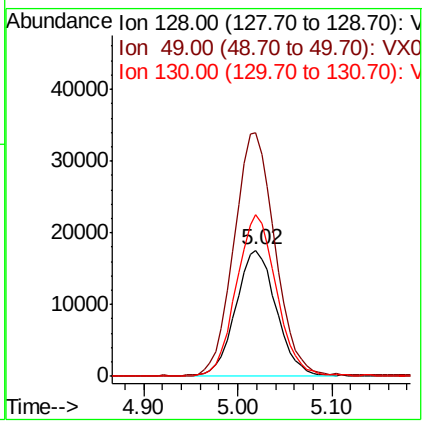


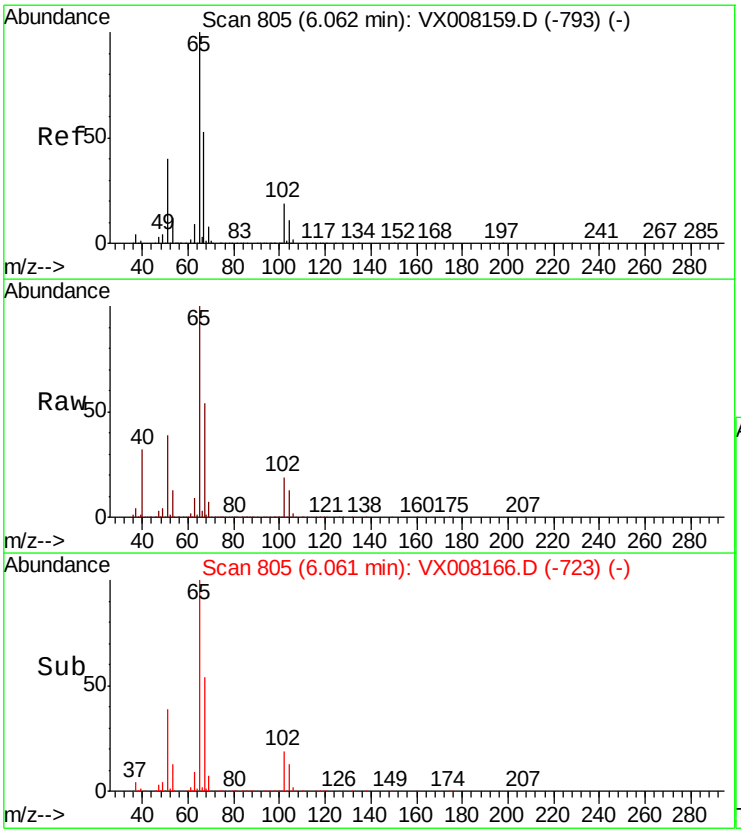
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:128 Resp: 52937

Ion	Ratio	Lower	Upper
128	100		
49	194.2	0.0	350.8
130	127.3	0.0	325.8

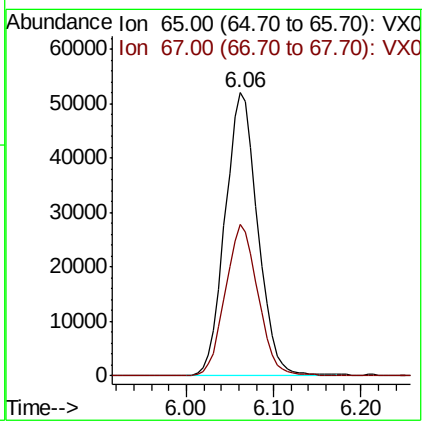


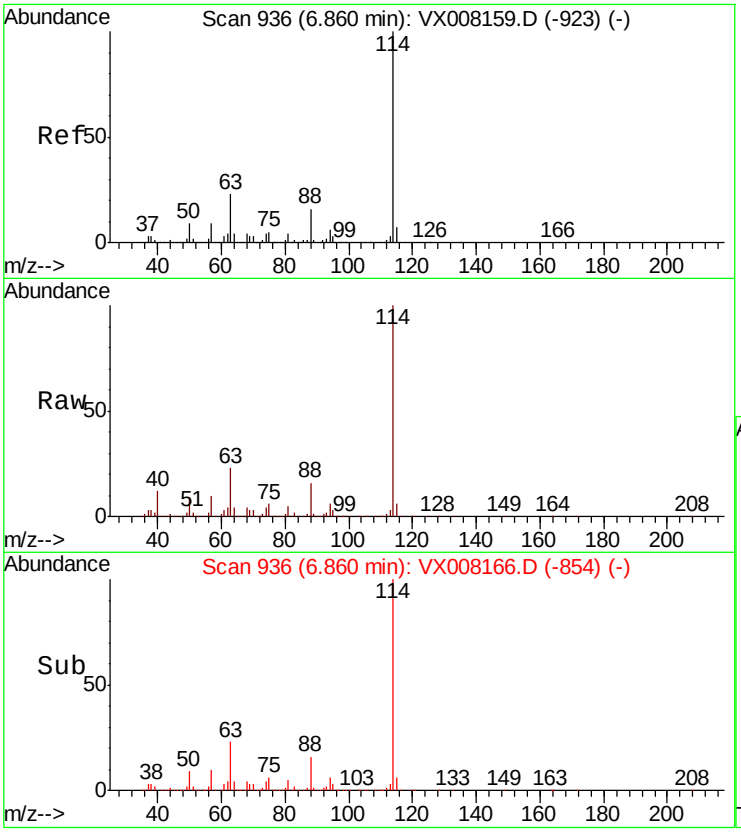


#27
1,2-Dichloroethane-d4
Concen: 30.546 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Tgt Ion: 65 Resp: 134506

Ion	Ratio	Lower	Upper
65	100		
67	53.4	42.9	64.3



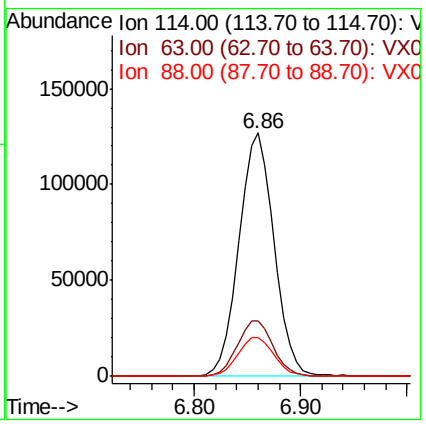


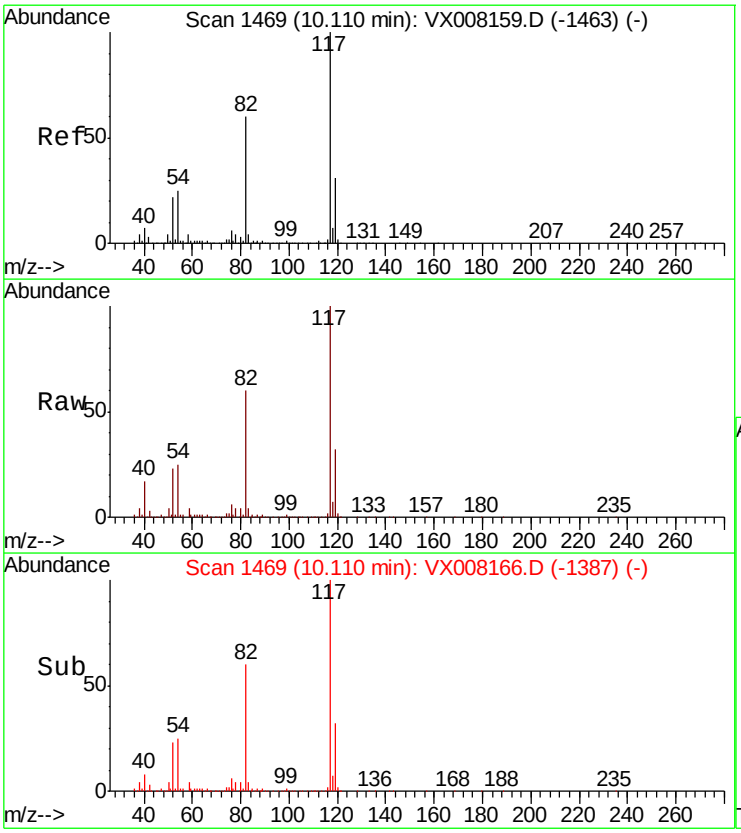
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:114 Resp: 294452

Ion	Ratio	Lower	Upper
114	100		
63	23.0	14.2	21.4#
88	16.6	11.9	17.9

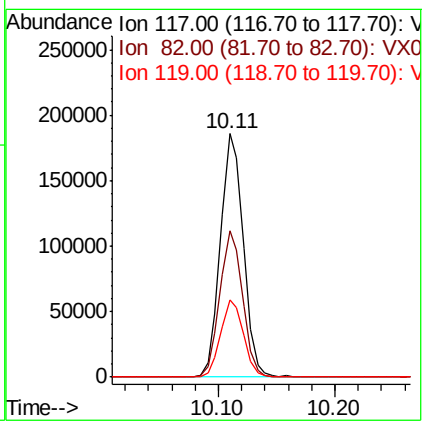


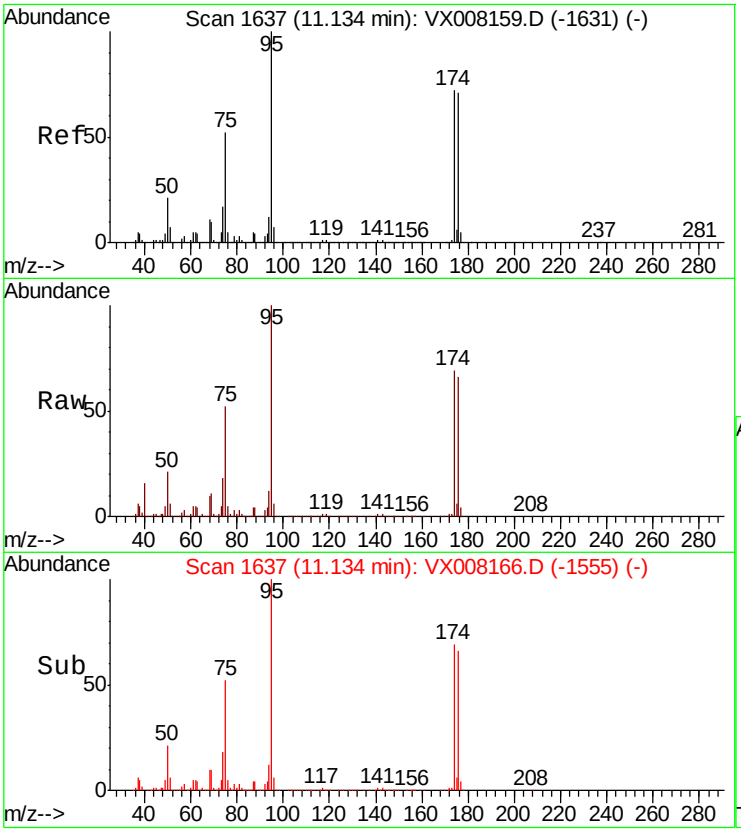


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Tgt Ion:117 Resp: 251849

Ion	Ratio	Lower	Upper
117	100		
82	59.9	40.4	60.6
119	31.6	25.8	38.6



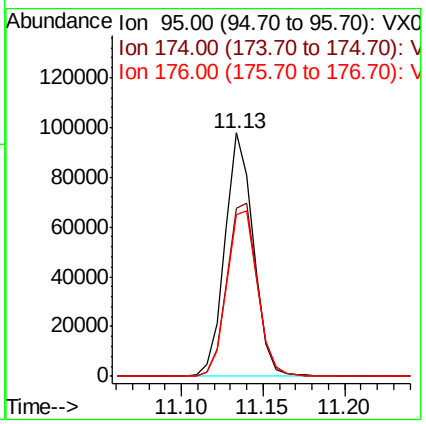


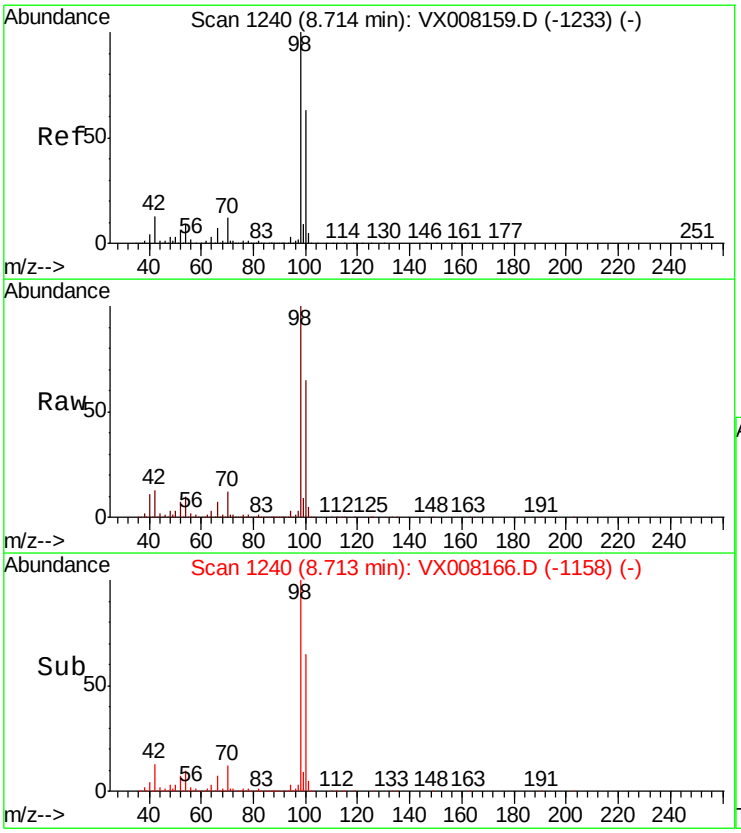
#60
4-Bromofluorobenzene
Concen: 28.171 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion: 95 Resp: 118408

Ion	Ratio	Lower	Upper
95	100		
174	75.8	74.9	112.3
176	73.4	70.7	106.1





#63
Toluene-d8
Concen: 29.964 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Tgt Ion: 98 Resp: 366666

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3