Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
Data File : VX008339.D
Acq On : 22 Mar 2019 15:24
Operator : JC/SP
Sample : K1964-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TW-4

Quant Time: Mar 23 01:58:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 22 15:33:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	29666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	154842	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	132049	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	63389	31.27	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.23%			
60) 4-Bromofluorobenzene	11.13	95	61738	28.72	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.73%			
63) Toluene-d8	8.71	98	183590	30.86	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.87%			
Target Compounds						Qvalue

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

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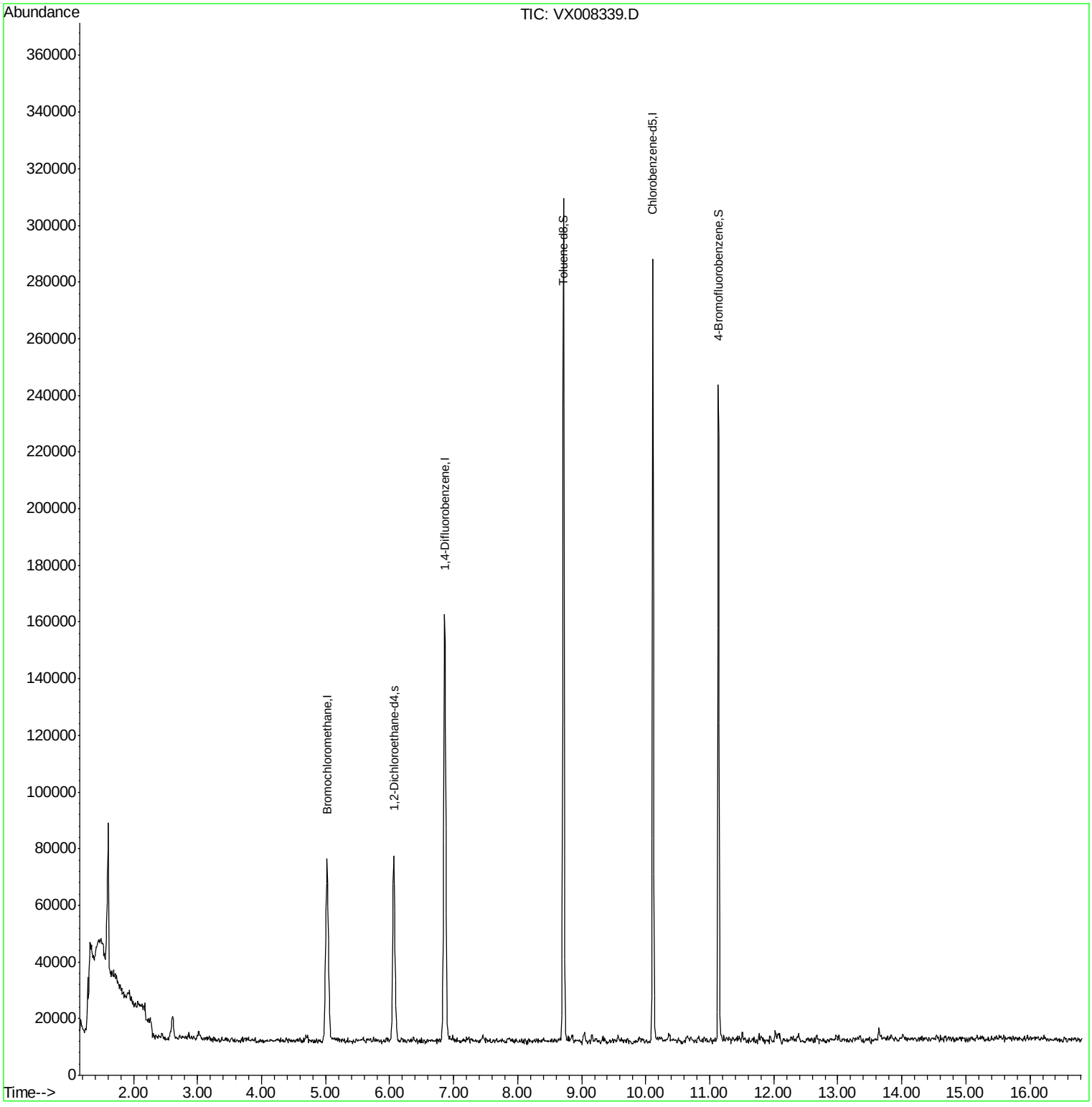
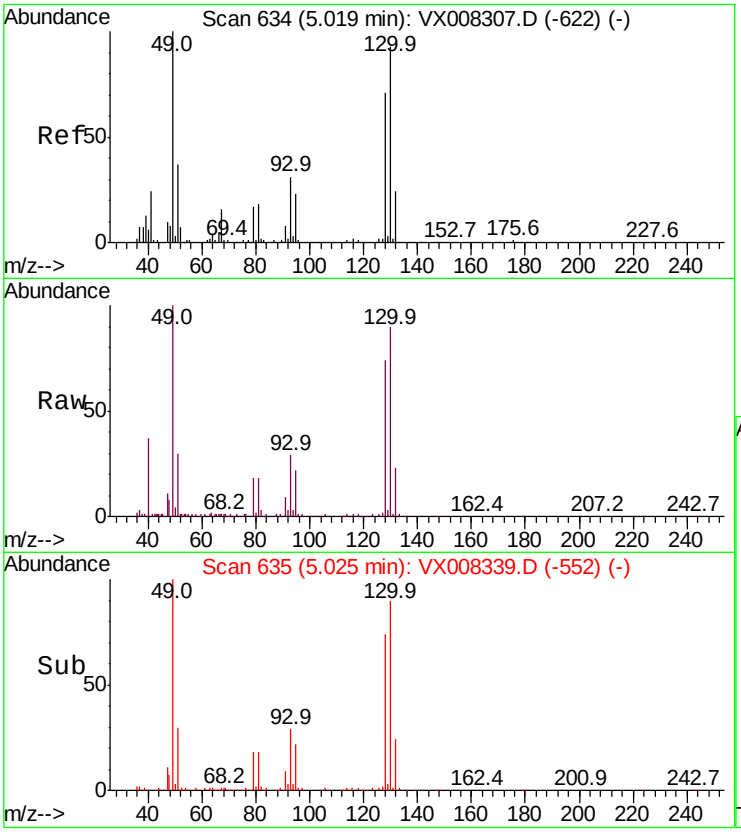


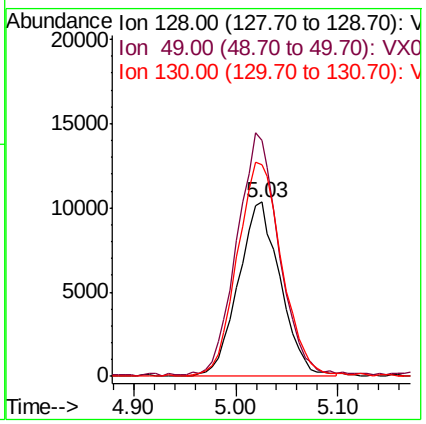


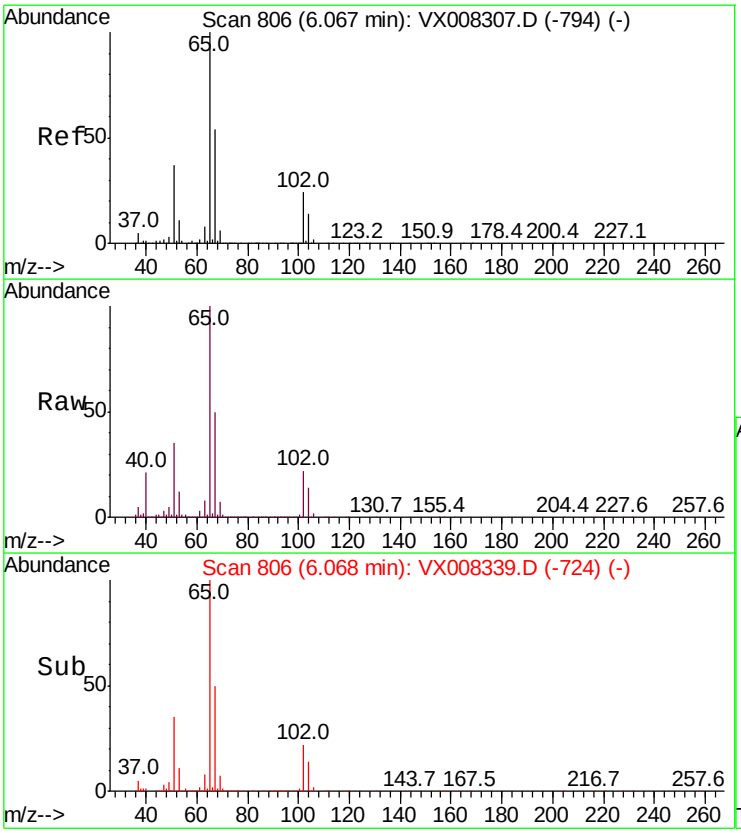
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX008339.D
Acq: 22 Mar 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
TW-4

Tgt Ion:128 Resp: 29666

Ion	Ratio	Lower	Upper
128	100		
49	139.1	0.0	350.8
130	130.3	0.0	325.8

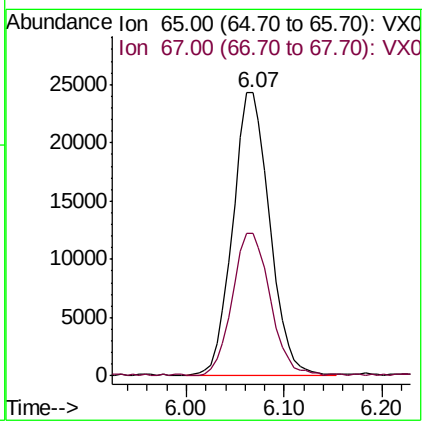


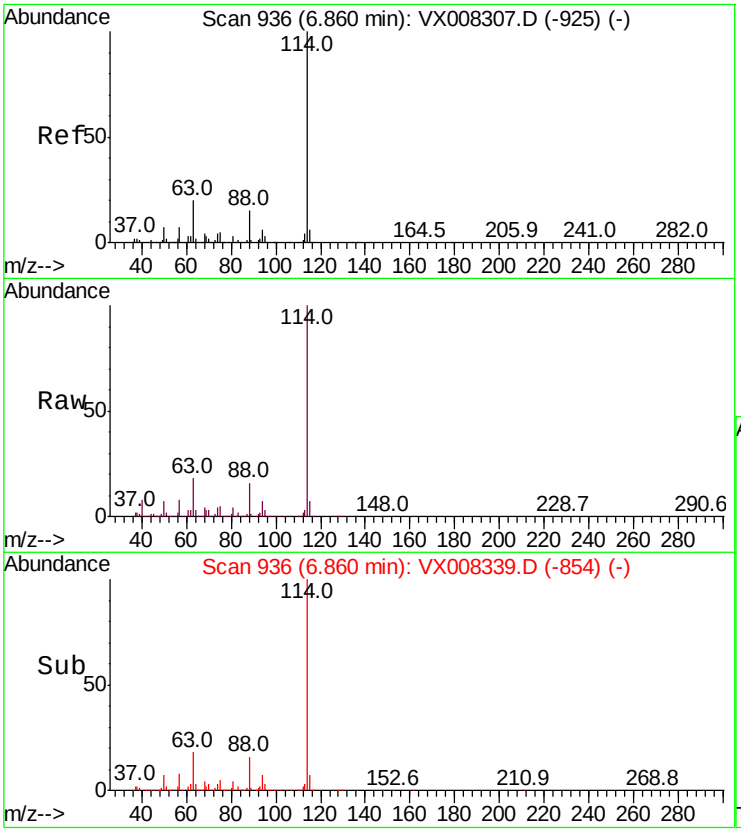


#27
1,2-Dichloroethane-d4
Concen: 31.269 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008339.D
Acq: 22 Mar 2019 15:24

Tgt Ion: 65 Resp: 63389

Ion	Ratio	Lower	Upper
65	100		
67	51.3	42.9	64.3



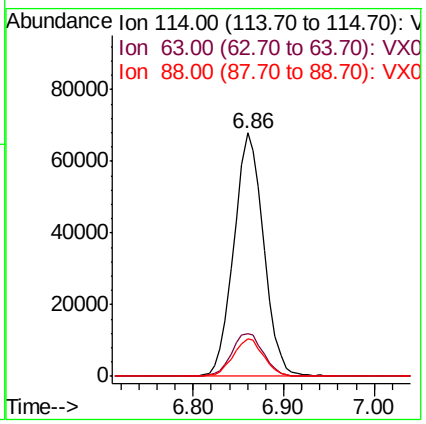


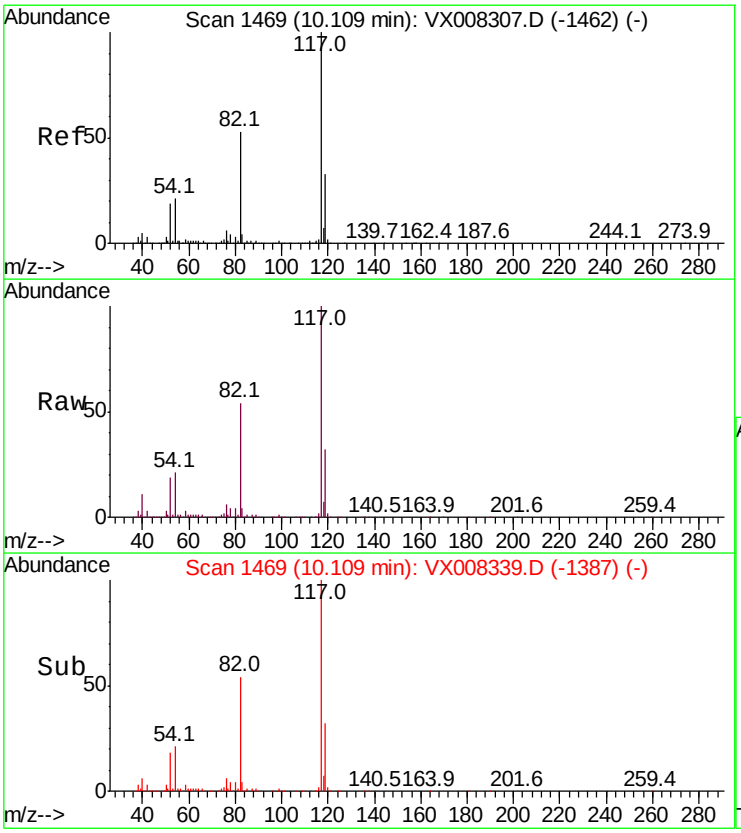
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008339.D
Acq: 22 Mar 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
TW-4

Tgt Ion:114 Resp: 154842

Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.2	21.4
88	15.7	11.9	17.9

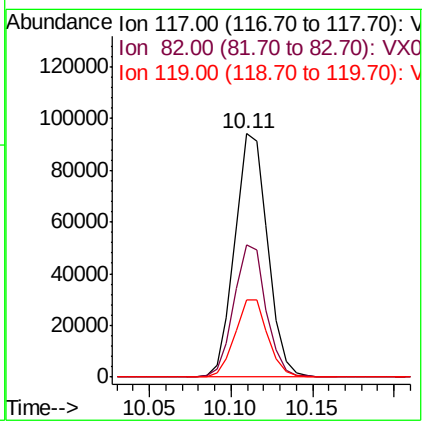


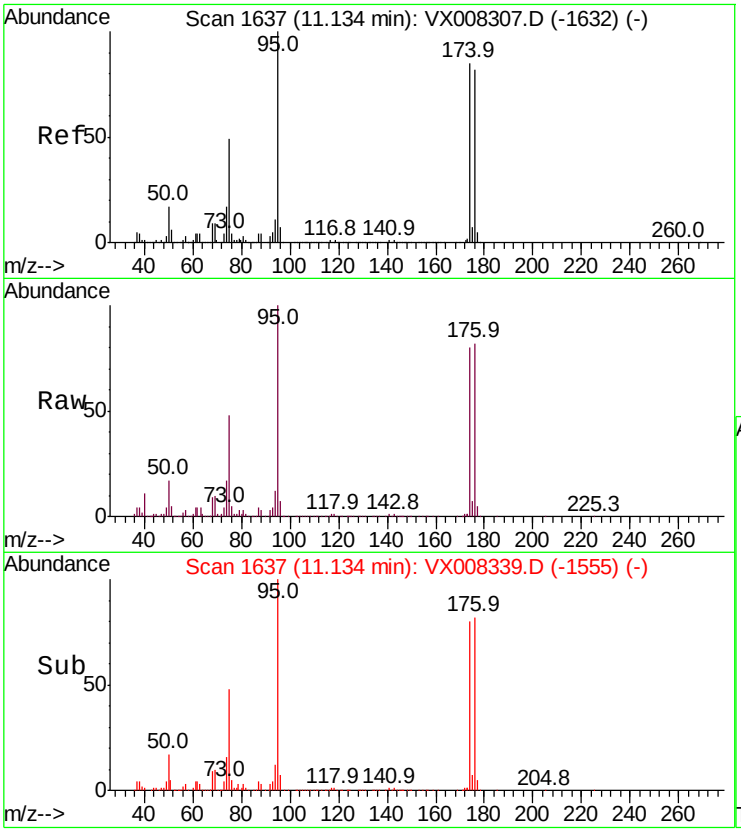


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008339.D
Acq: 22 Mar 2019 15:24

Tgt Ion:117 Resp: 132049

Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.4	60.6
119	31.9	25.8	38.6



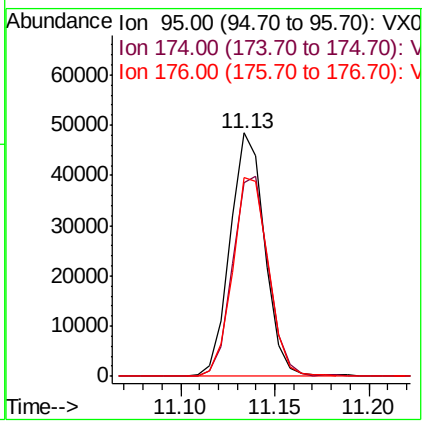


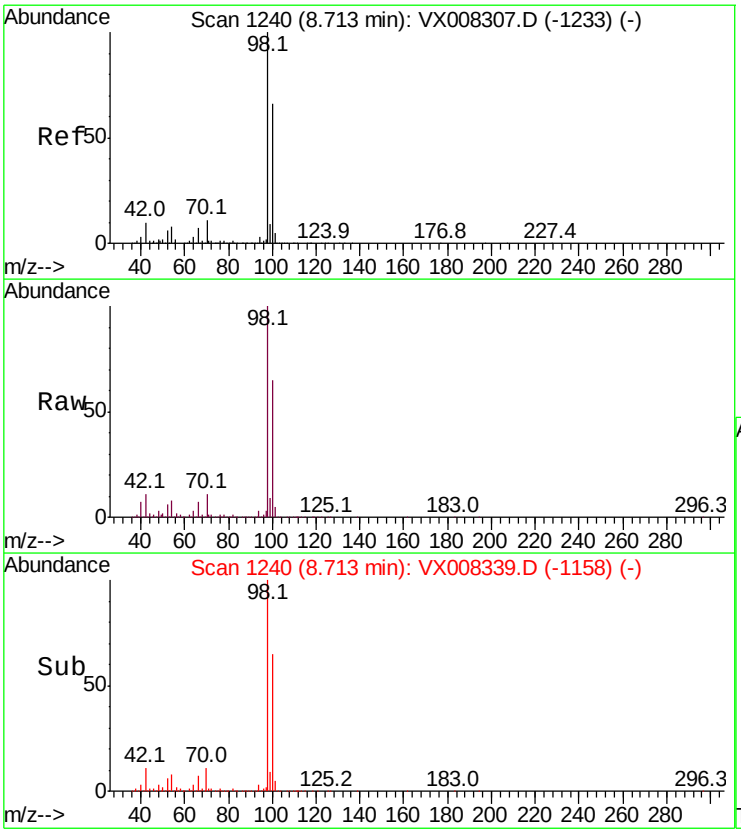
#60
4-Bromofluorobenzene
Concen: 28.723 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008339.D
Acq: 22 Mar 2019 15:24

Instrument : MSVOA_X
ClientSampleId : TW-4

Tgt Ion: 95 Resp: 61738

Ion	Ratio	Lower	Upper
95	100		
174	84.5	74.9	112.3
176	84.7	70.7	106.1





#63
Toluene-d8
Concen: 30.858 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008339.D
Acq: 22 Mar 2019 15:24

Tgt Ion: 98 Resp: 183590

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3