Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120719\
Data File : VX0137838.D
Acq On : 07 Dec 2019 13:53
Operator : JC/SP
Sample : VX1207WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 09 02:41:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	104328	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	580615	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	500452	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	225169	29.23	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.43%			
60) 4-Bromofluorobenzene	11.13	95	224580	27.92	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.07%			
63) Toluene-d8	8.71	98	688083	30.41	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.37%			
Target Compounds						Qvalue

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

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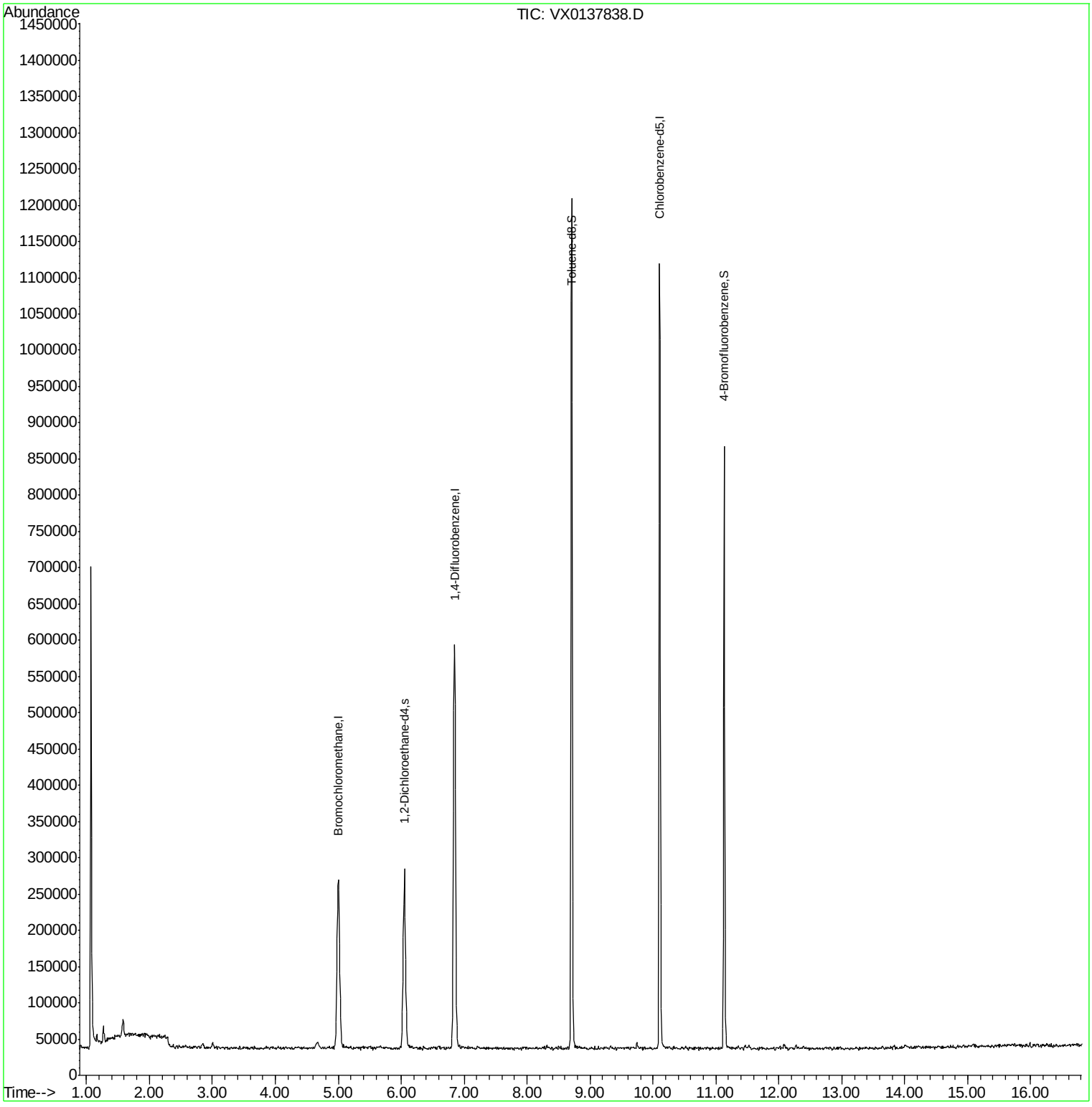
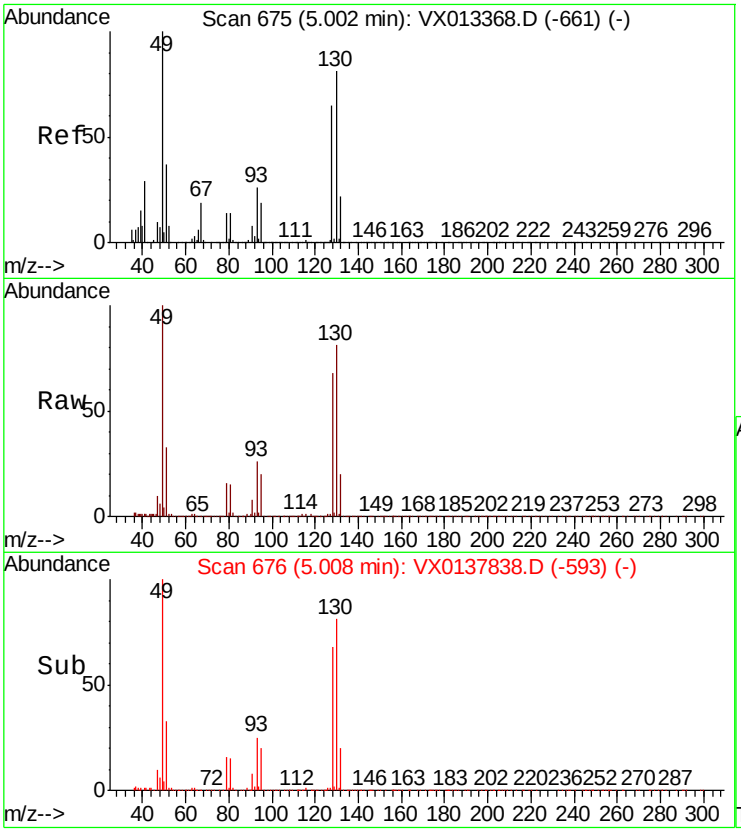


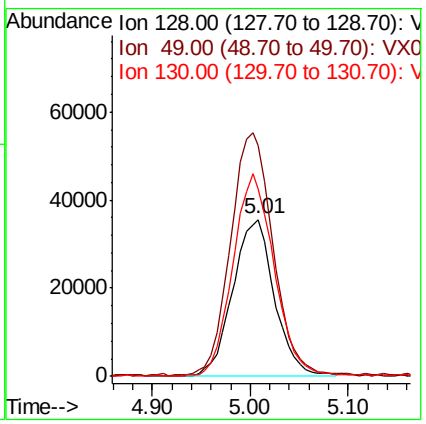


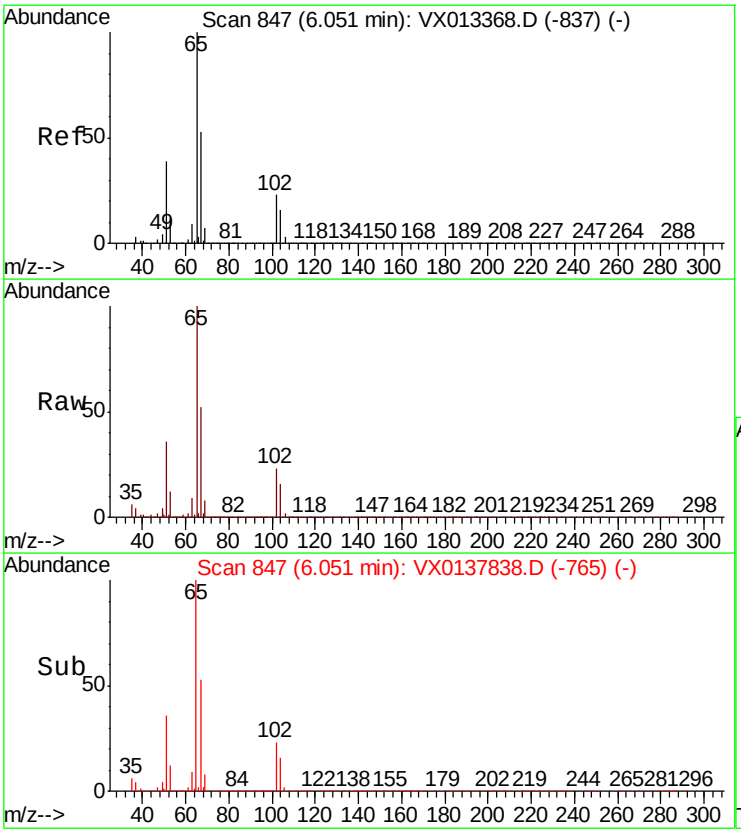
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX0137838.D
Acq: 07 Dec 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 104328

Ion	Ratio	Lower	Upper
128	100		
49	158.6	0.0	388.3
130	128.7	0.0	318.5

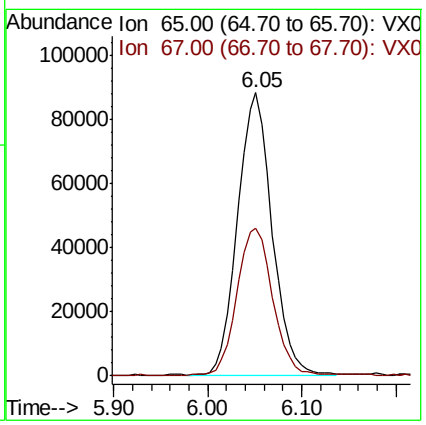


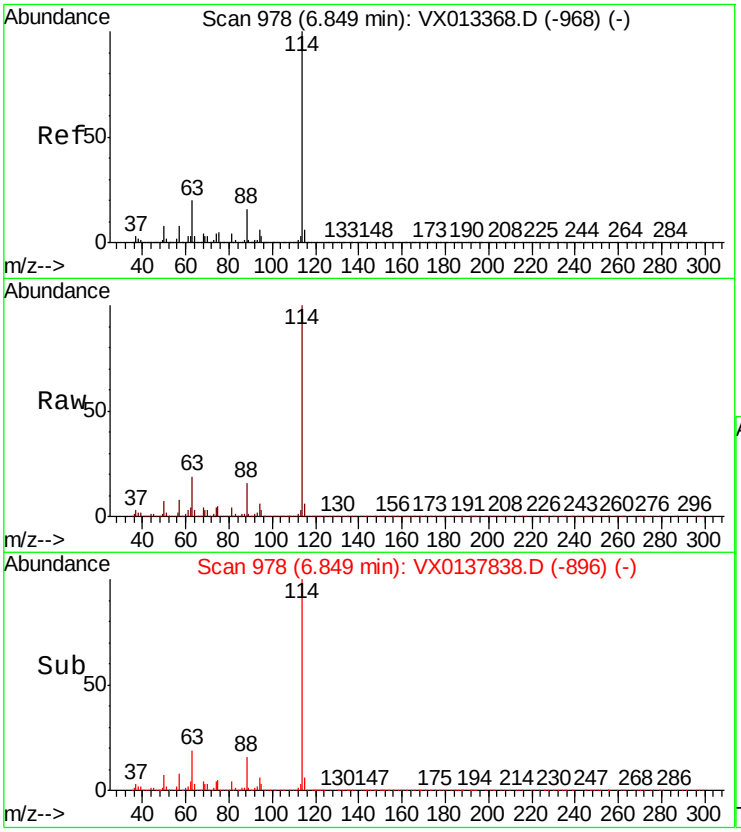


#27
1,2-Dichloroethane-d4
Concen: 29.228 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX0137838.D
Acq: 07 Dec 2019 13:53

Tgt Ion: 65 Resp: 225169

Ion	Ratio	Lower	Upper
65	100		
67	53.5	41.0	61.6



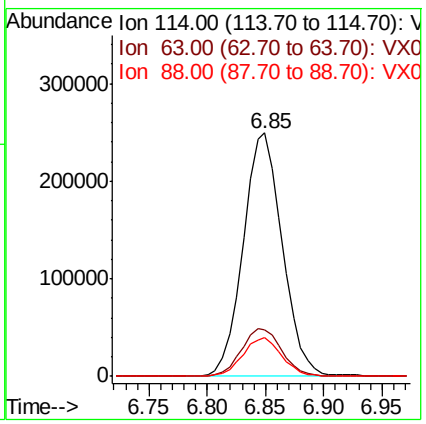


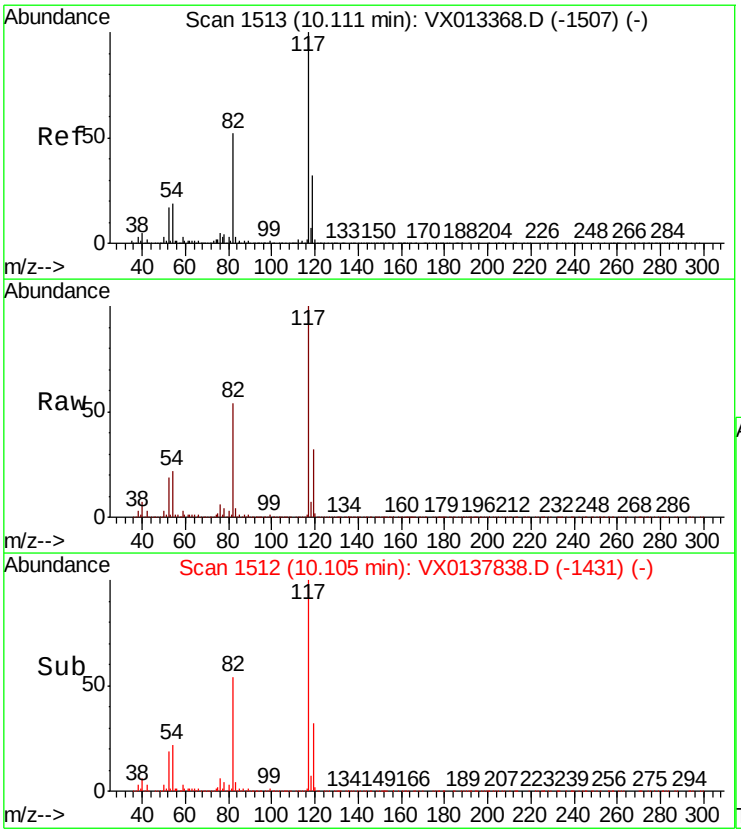
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX0137838.D
Acq: 07 Dec 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 580615

Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.1	24.1
88	15.9	12.3	18.5

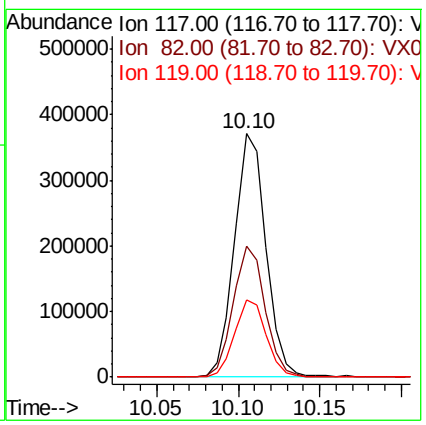


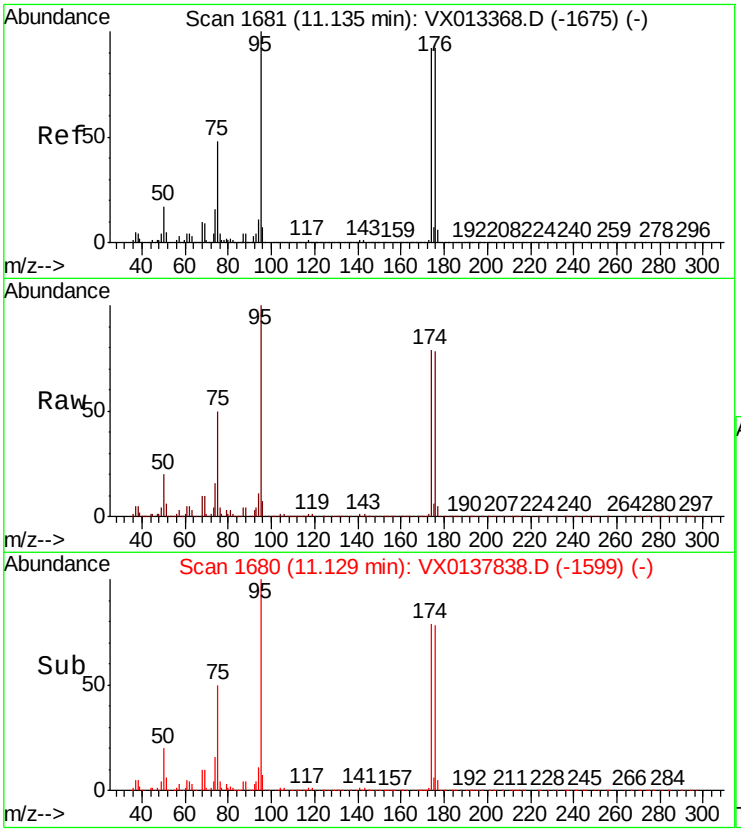


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX0137838.D
Acq: 07 Dec 2019 13:53

Tgt Ion:117 Resp: 500452

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	32.2	25.5	38.3



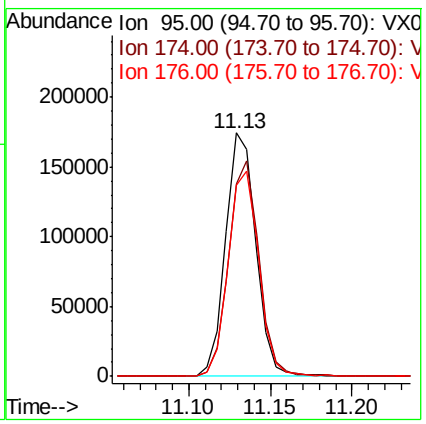


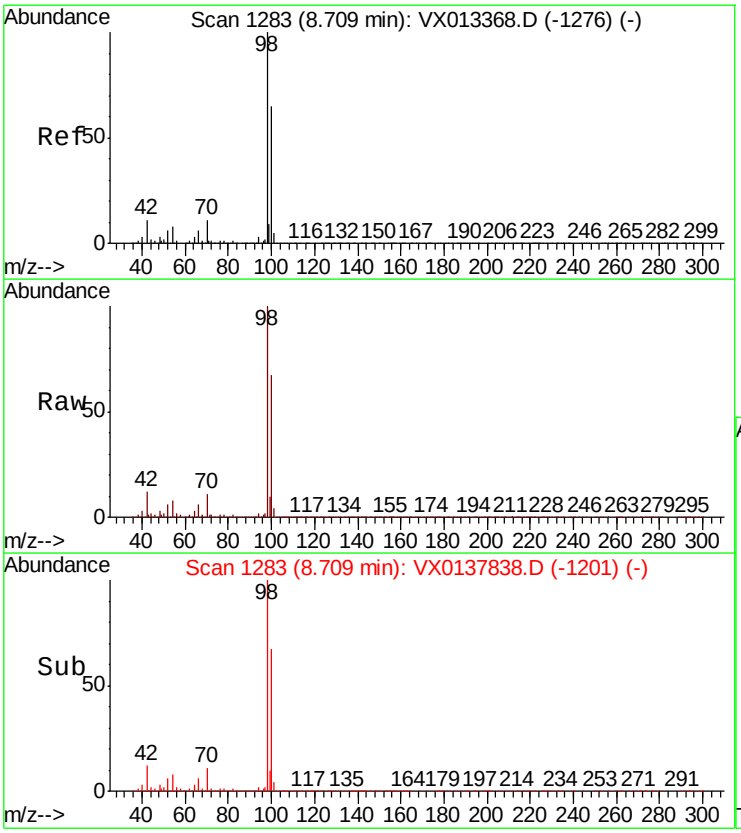
#60
4-Bromofluorobenzene
Concen: 27.920 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX0137838.D
Acq: 07 Dec 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 224580

Ion	Ratio	Lower	Upper
95	100		
174	88.4	70.2	105.2
176	85.5	68.3	102.5





#63
Toluene-d8
Concen: 30.405 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX0137838.D
Acq: 07 Dec 2019 13:53

Tgt Ion: 98 Resp: 688083

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.5	78.7