Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012919\
Data File : VX007278.D
Acq On : 29 Jan 2019 10:35
Operator : JC/SP
Sample : VX0129WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 01:15:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	83728	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	452883	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	397927	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	166383	30.27	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.90%			
60) 4-Bromofluorobenzene	11.13	95	170832	27.81	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.70%			
63) Toluene-d8	8.71	98	527909	29.43	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.10%			
Target Compounds						Qvalue

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

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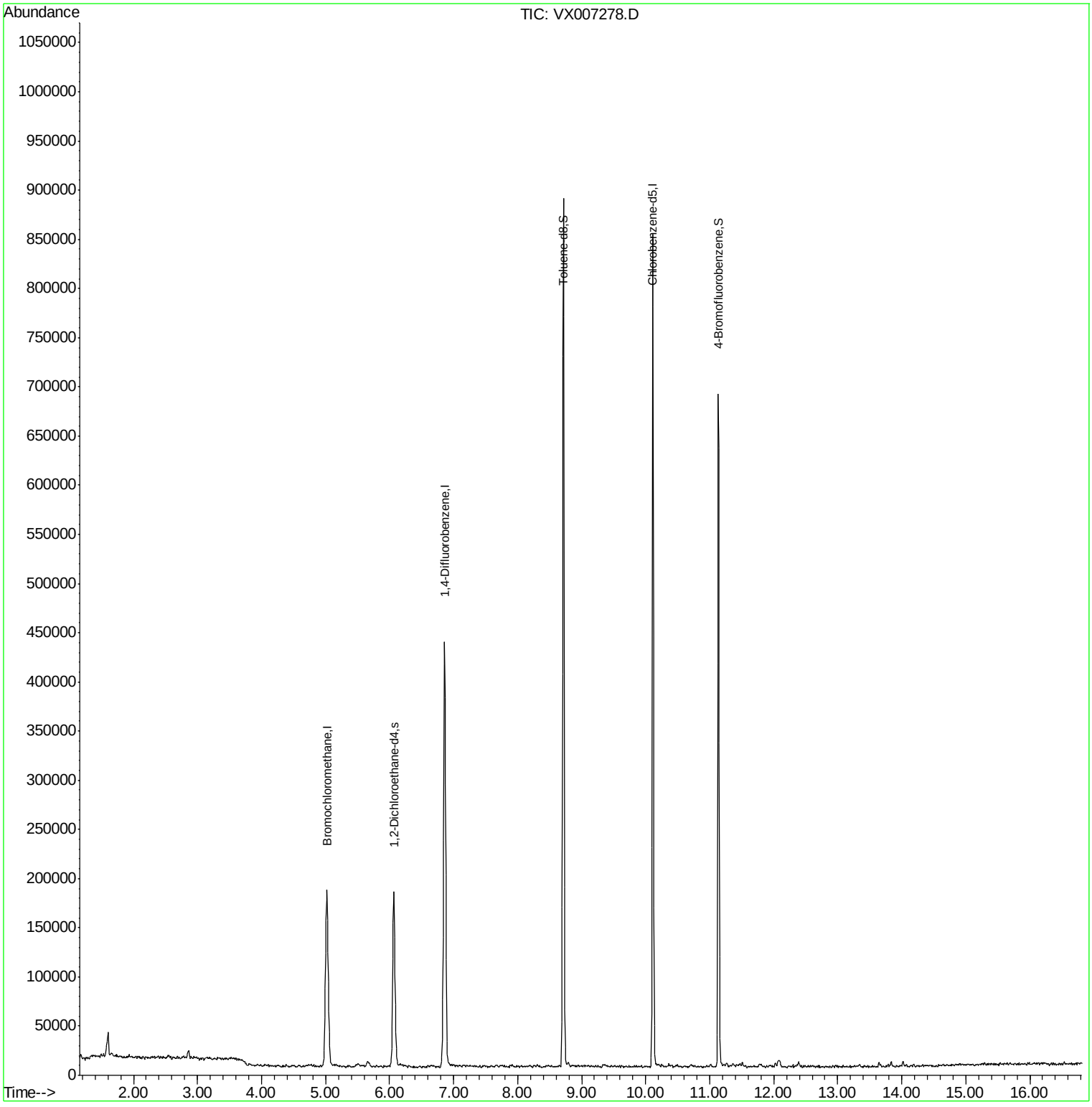
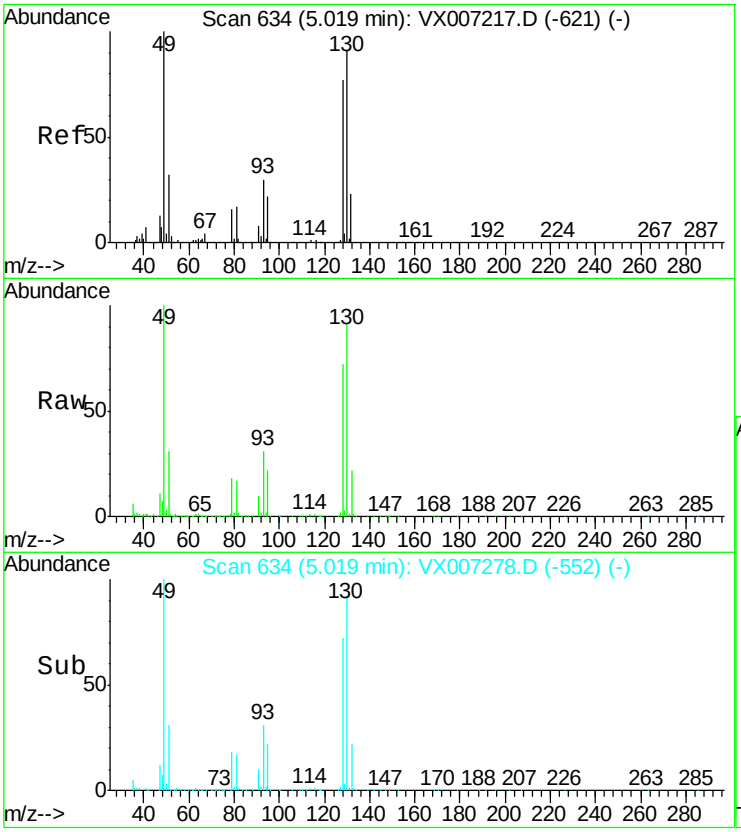
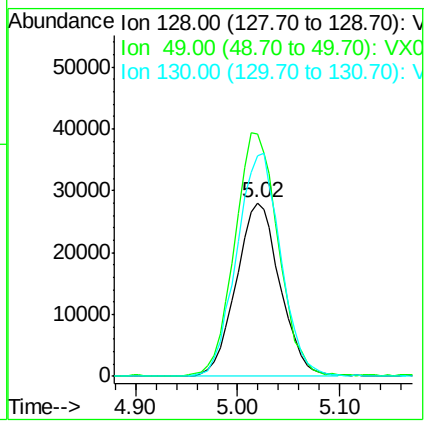


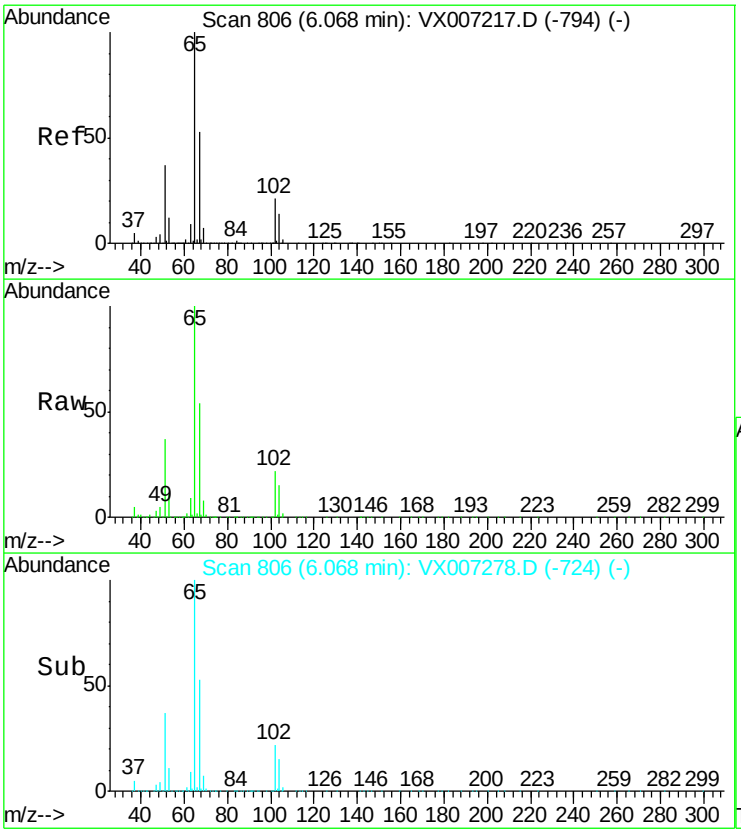


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tgt Ion:128 Resp: 83728

Ion	Ratio	Lower	Upper
128	100		
49	140.0	0.0	345.5
130	129.0	0.0	320.0

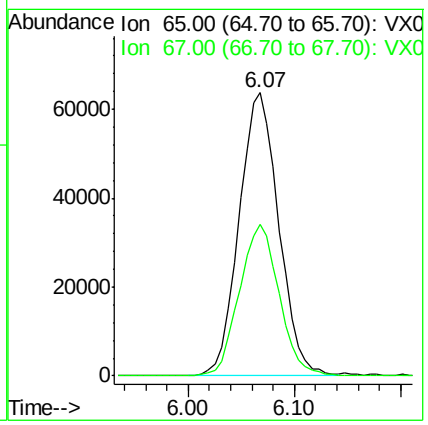


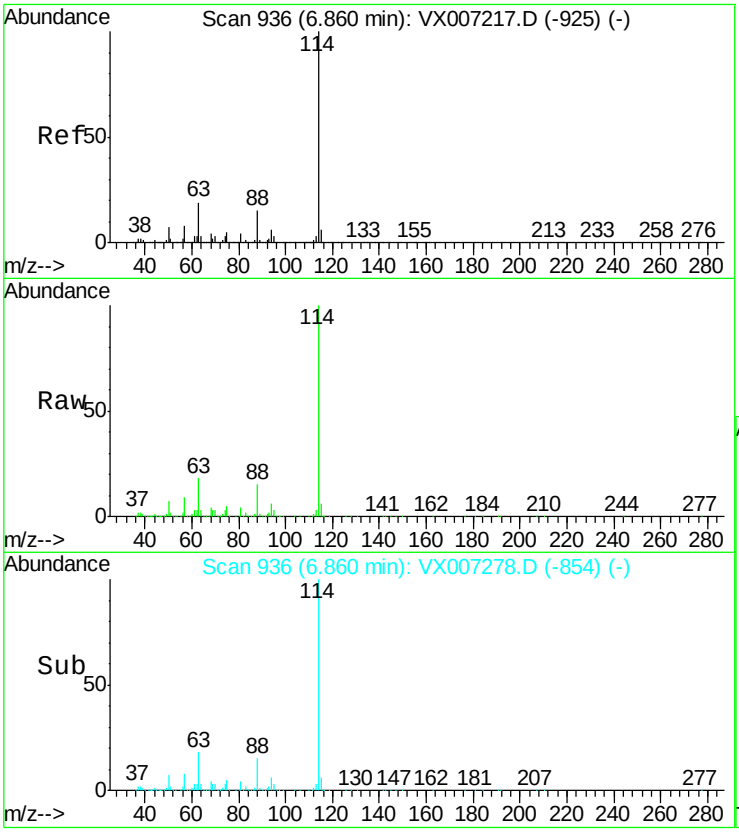


#27
1,2-Dichloroethane-d4
Concen: 30.273 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tgt Ion: 65 Resp: 166383

Ion	Ratio	Lower	Upper
65	100		
67	53.8	42.0	63.0

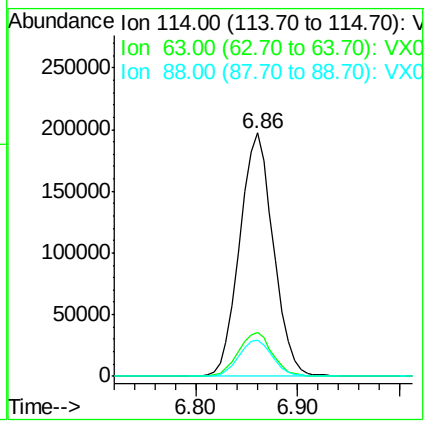


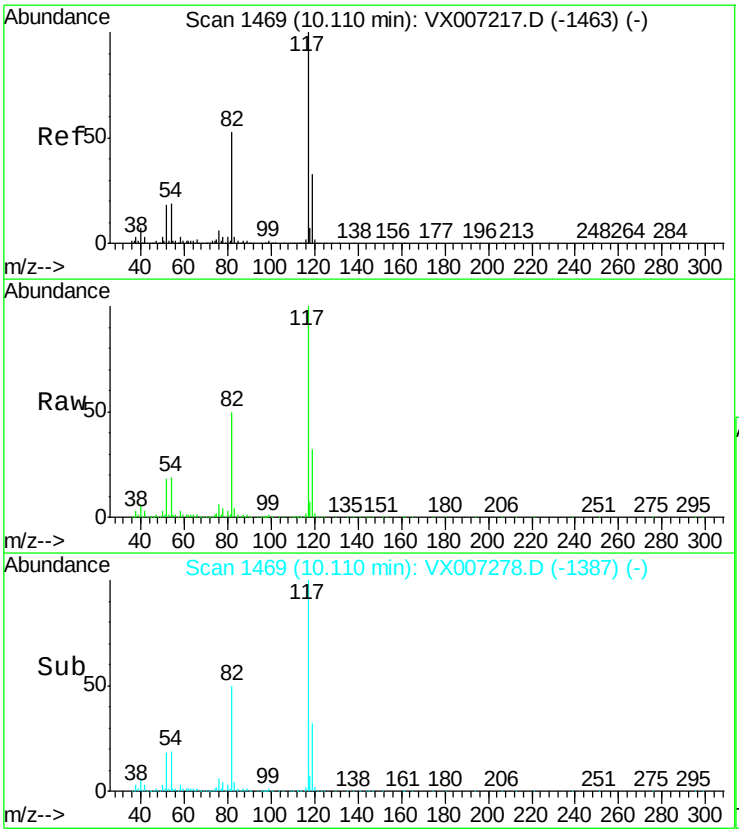


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tgt Ion:114 Resp: 452883

Ion	Ratio	Lower	Upper
114	100		
63	17.9	14.6	21.8
88	14.8	11.8	17.6

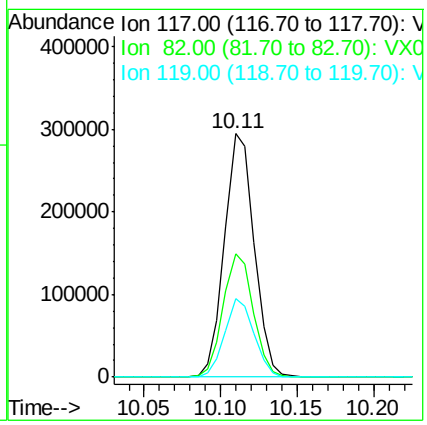


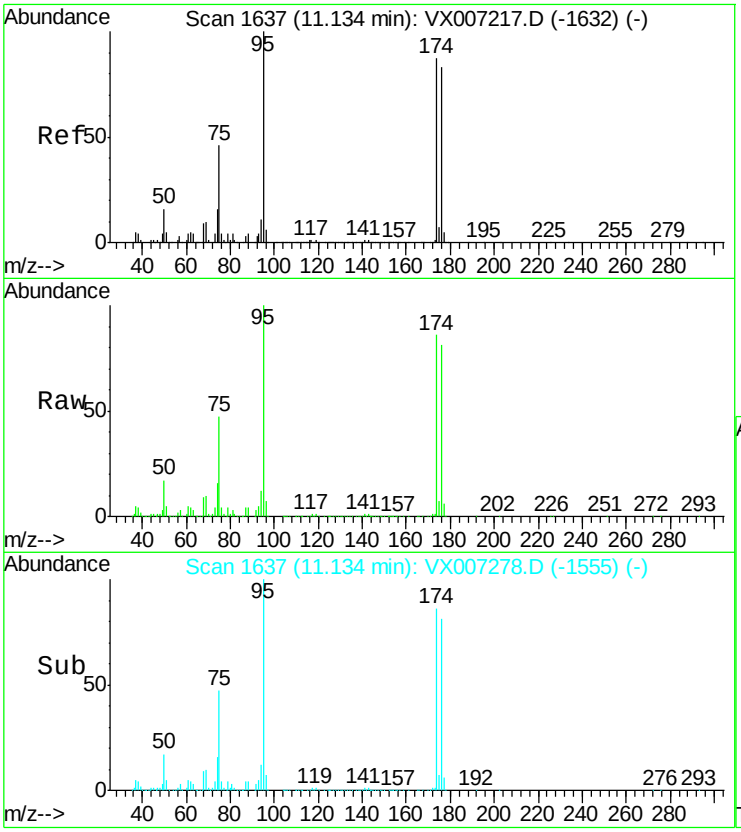


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tgt Ion:117 Resp: 397927

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.4	62.0
119	31.5	25.7	38.5

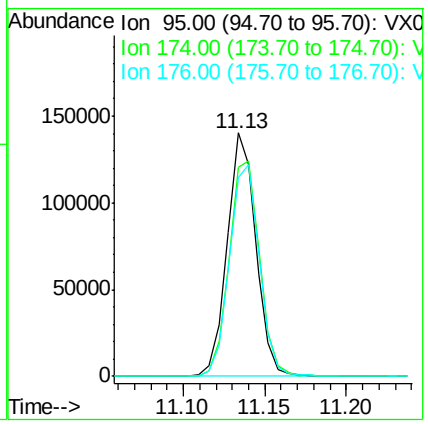


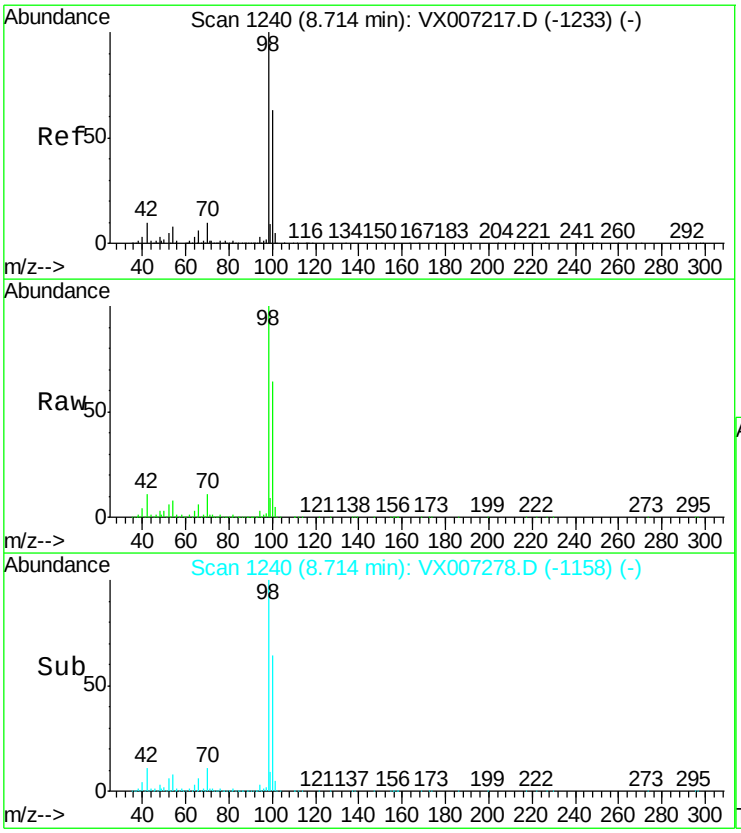


#60
4-Bromofluorobenzene
Concen: 27.815 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tgt Ion: 95 Resp: 170832

Ion	Ratio	Lower	Upper
95	100		
174	93.8	74.8	112.2
176	91.0	72.5	108.7





#63
Toluene-d8
Concen: 29.432 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tgt Ion: 98 Resp: 527909

Ion	Ratio	Lower	Upper
98	100		
100	64.0	49.9	74.9