Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031819\
Data File : VX008172.D
Acq On : 18 Mar 2019 18:09
Operator : JC/SP
Sample : K1909-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 101-102

Quant Time: Mar 19 12:05:59 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	48055	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	259964	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	218087	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	120143	30.06	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.20%			
60) 4-Bromofluorobenzene	11.13	95	100774	27.69	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.30%			
63) Toluene-d8	8.71	98	321530	30.34	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.13%			

Target Compounds	Qvalue

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

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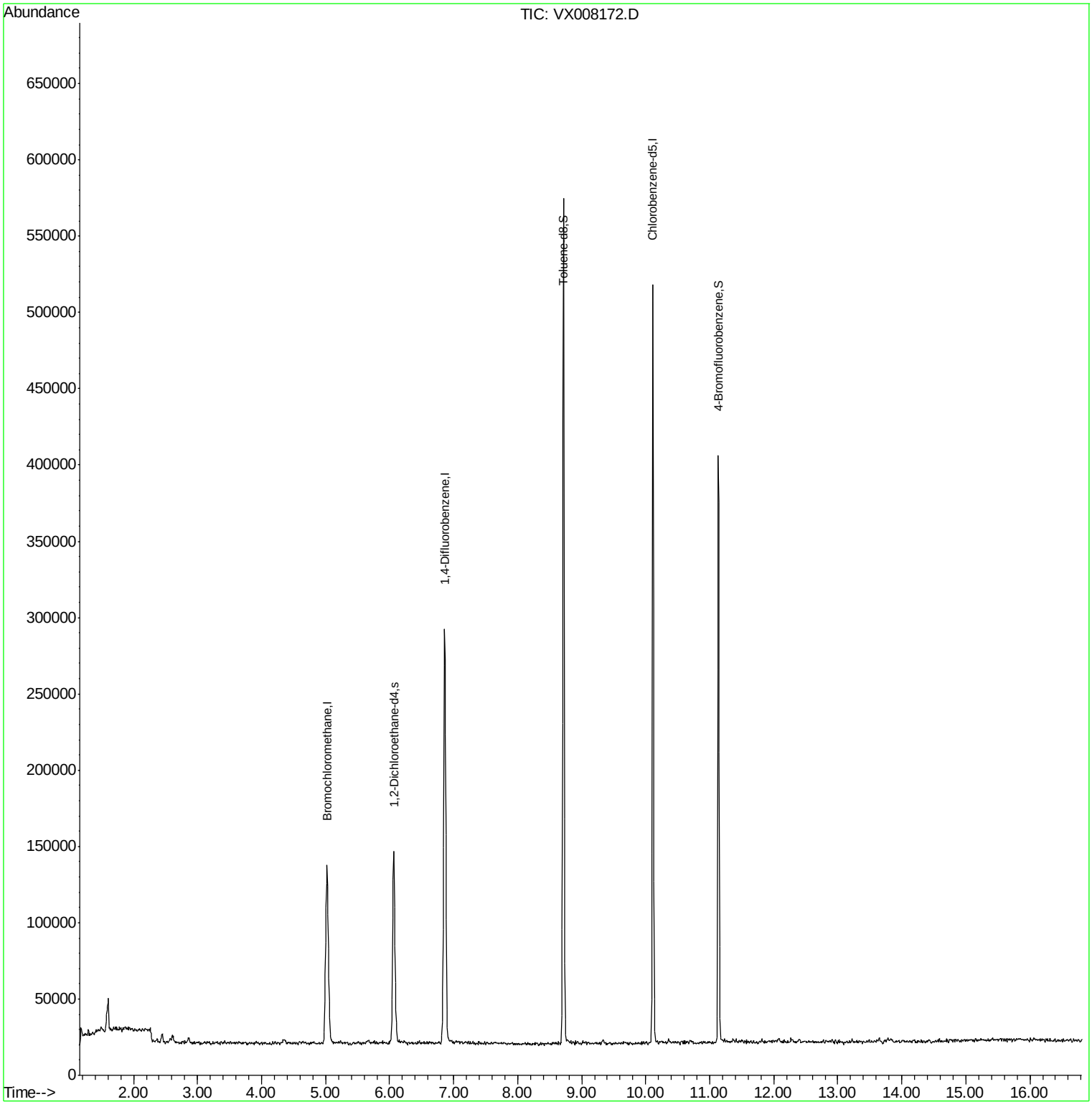
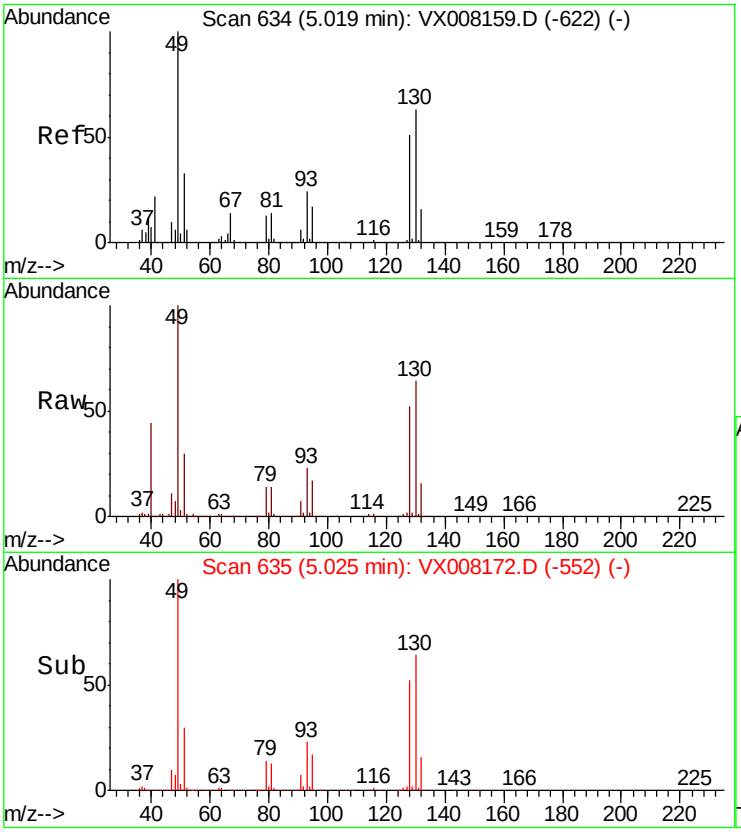


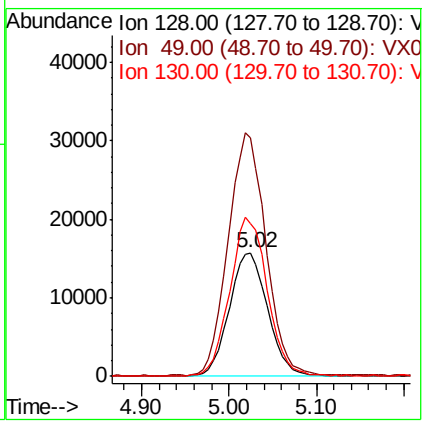


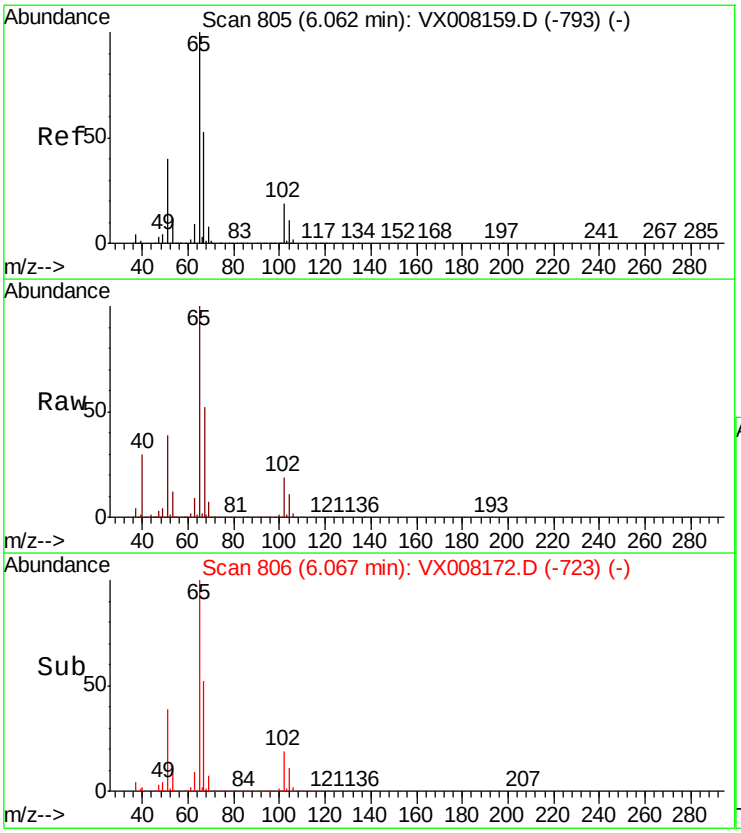
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion:128 Resp: 48055

Ion	Ratio	Lower	Upper
128	100		
49	192.6	0.0	350.8
130	126.4	0.0	325.8

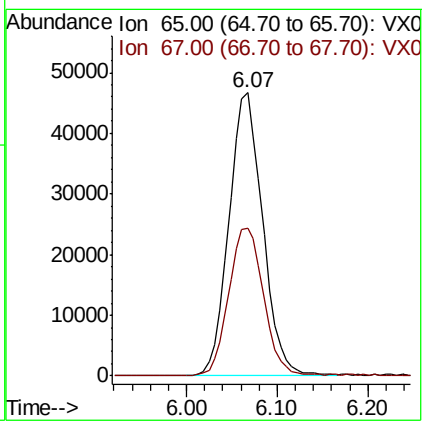


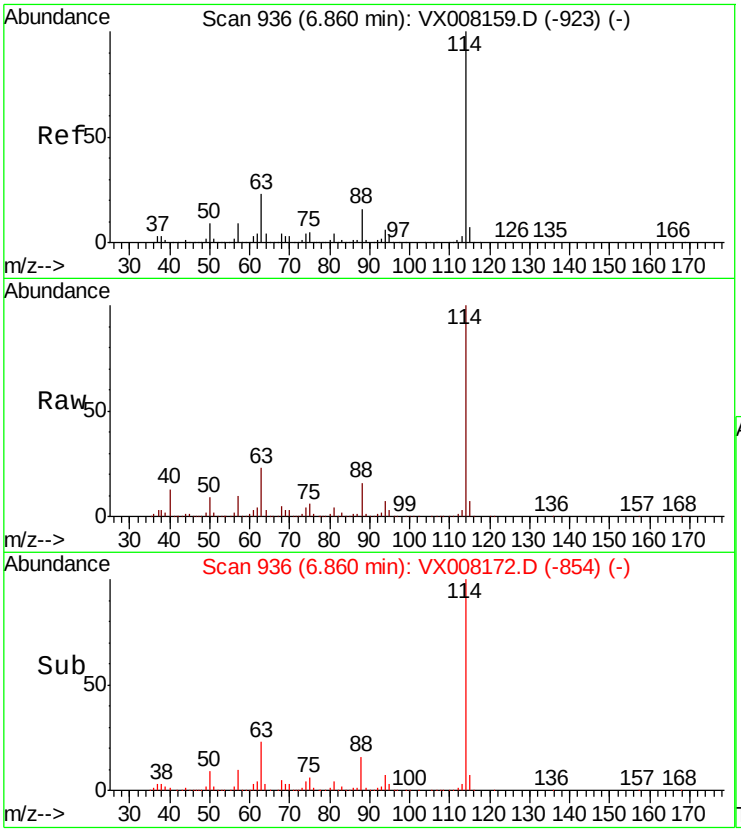


#27
1,2-Dichloroethane-d4
Concen: 30.056 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 65 Resp: 120143

Ion	Ratio	Lower	Upper
65	100		
67	54.1	42.9	64.3



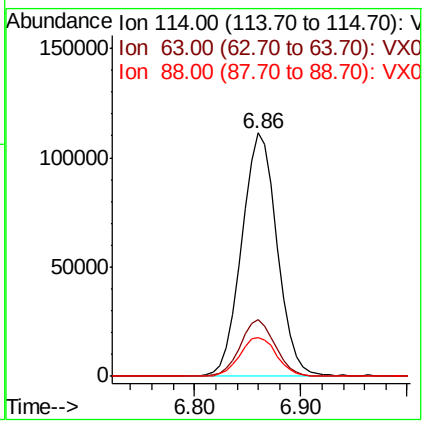


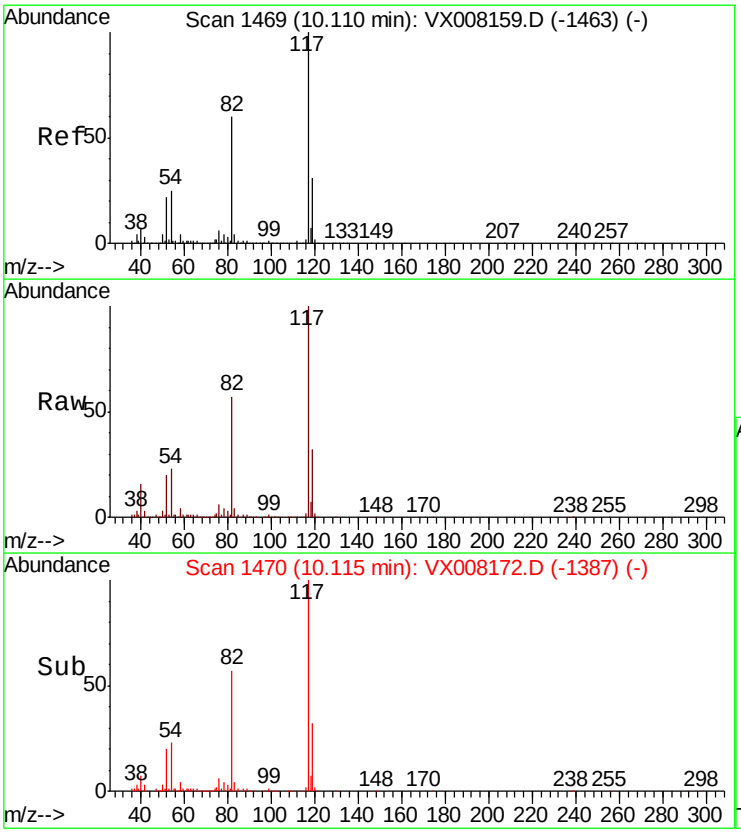
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion:114 Resp: 259964

Ion	Ratio	Lower	Upper
114	100		
63	23.1	14.2	21.4#
88	16.8	11.9	17.9

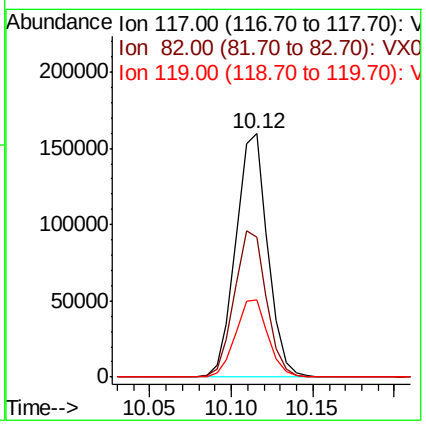


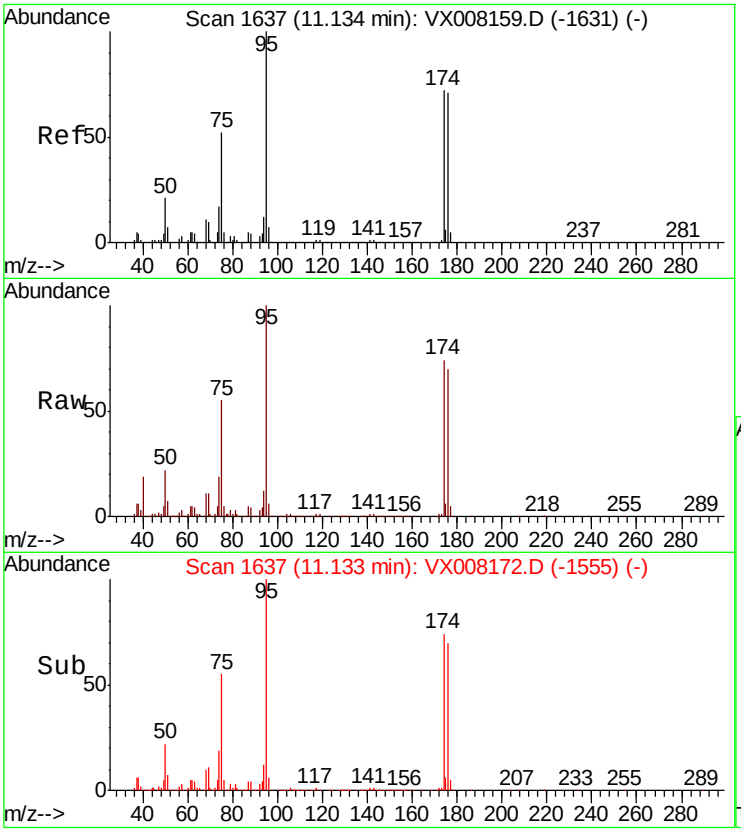


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion:117 Resp: 218087

Ion	Ratio	Lower	Upper
117	100		
82	60.2	40.4	60.6
119	32.4	25.8	38.6



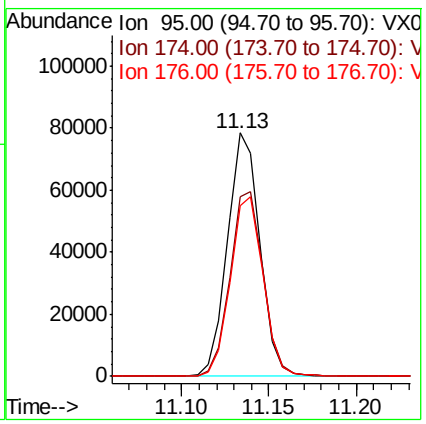


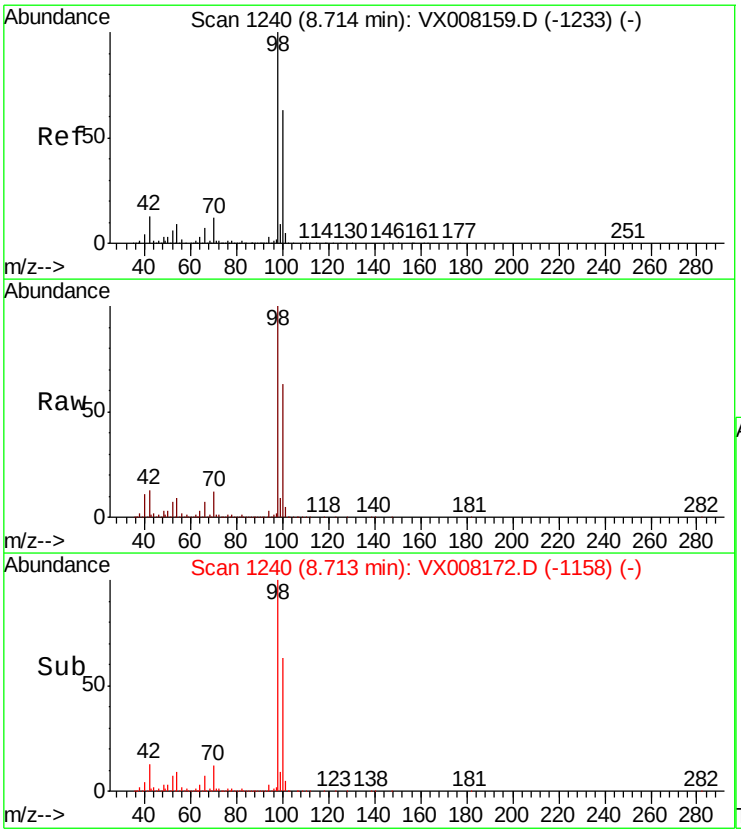
#60
4-Bromofluorobenzene
Concen: 27.687 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 95 Resp: 100774

Ion	Ratio	Lower	Upper
95	100		
174	78.0	74.9	112.3
176	74.9	70.7	106.1





#63
Toluene-d8
Concen: 30.344 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008172.D
Acq: 18 Mar 2019 18:09

Tgt Ion: 98 Resp: 321530

Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.9	76.3