Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092520\
Data File : VX018590.D
Acq On : 25 Sep 2020 10:46
Operator : JC/SP
Sample : VX0925WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0925WBL01

Quant Time: Sep 28 07:40:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	79084	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	403344	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	381624	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	197014	31.58	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.27%			
60) 4-Bromofluorobenzene	11.12	95	171303	25.90	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 86.33%			
63) Toluene-d8	8.70	98	484945	28.83	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 96.10%			

Target Compounds	Qvalue

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

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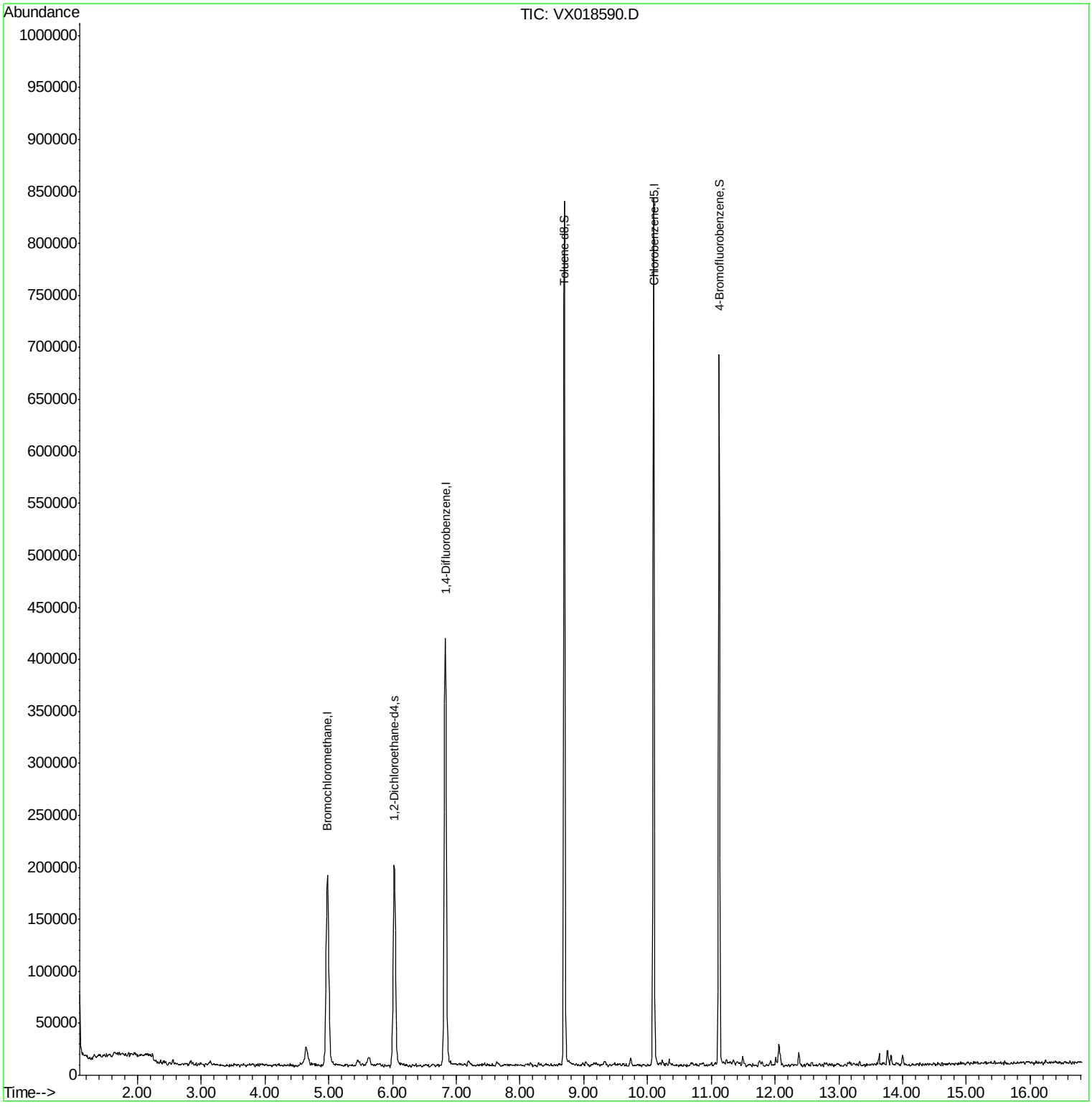
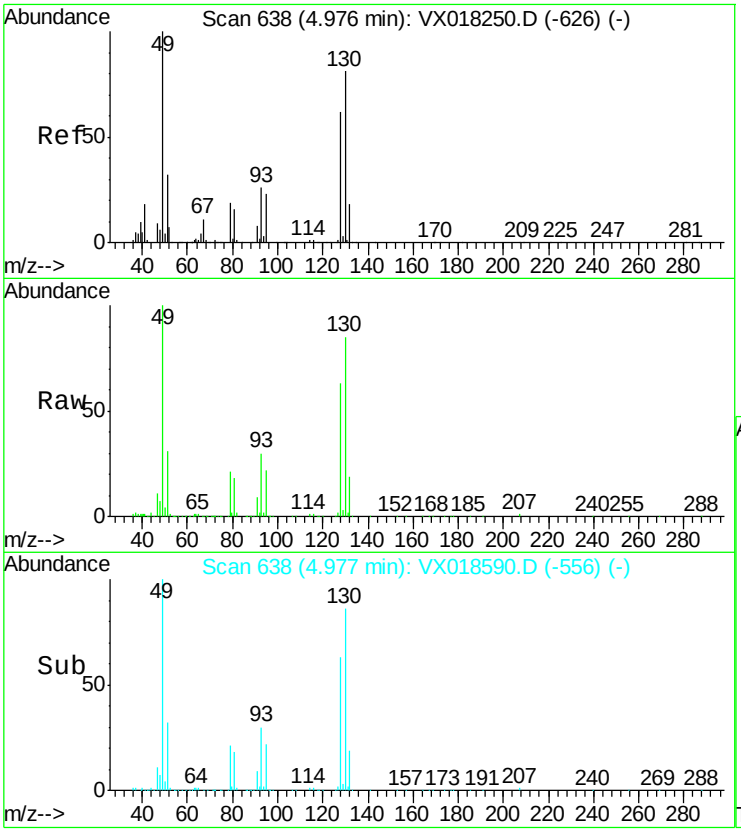


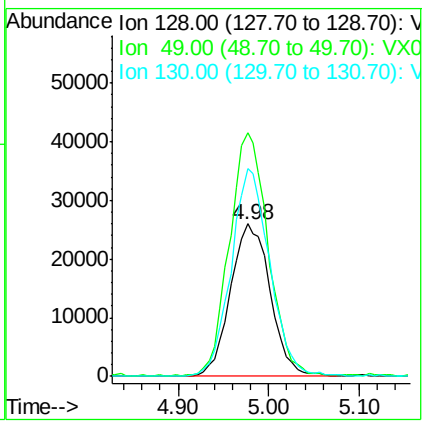


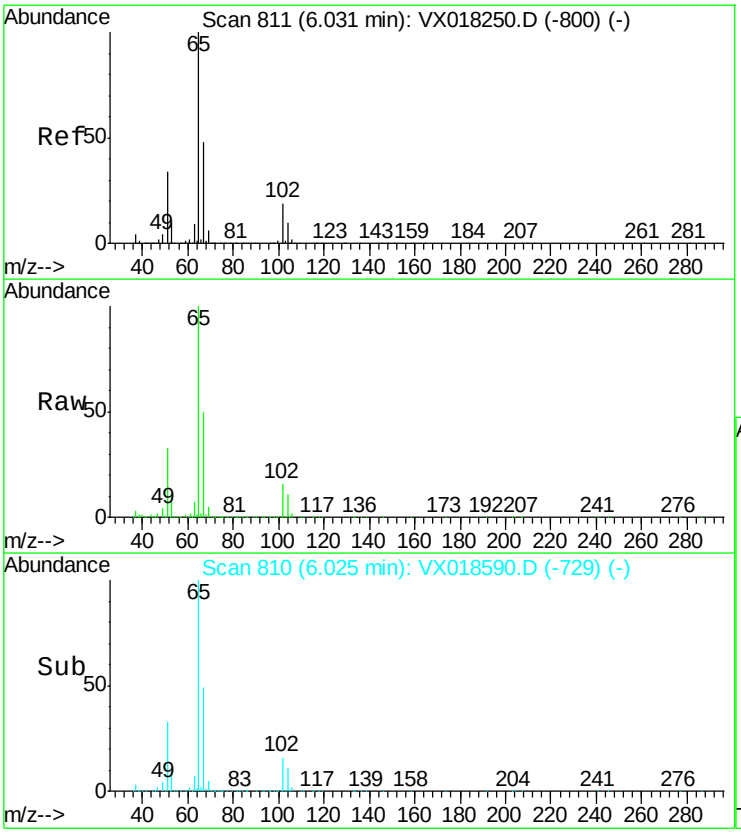
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX018590.D
Acq: 25 Sep 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion:128 Resp: 79084

Ion	Ratio	Lower	Upper
128	100		
49	154.8	0.0	392.0
130	131.7	0.0	320.2

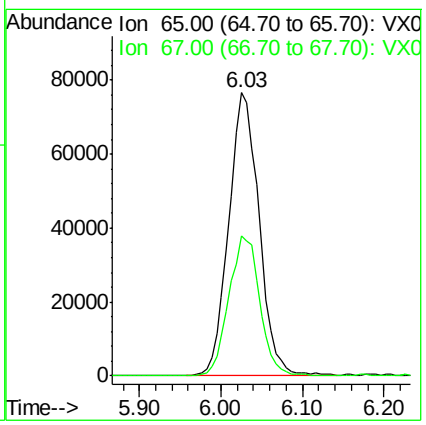


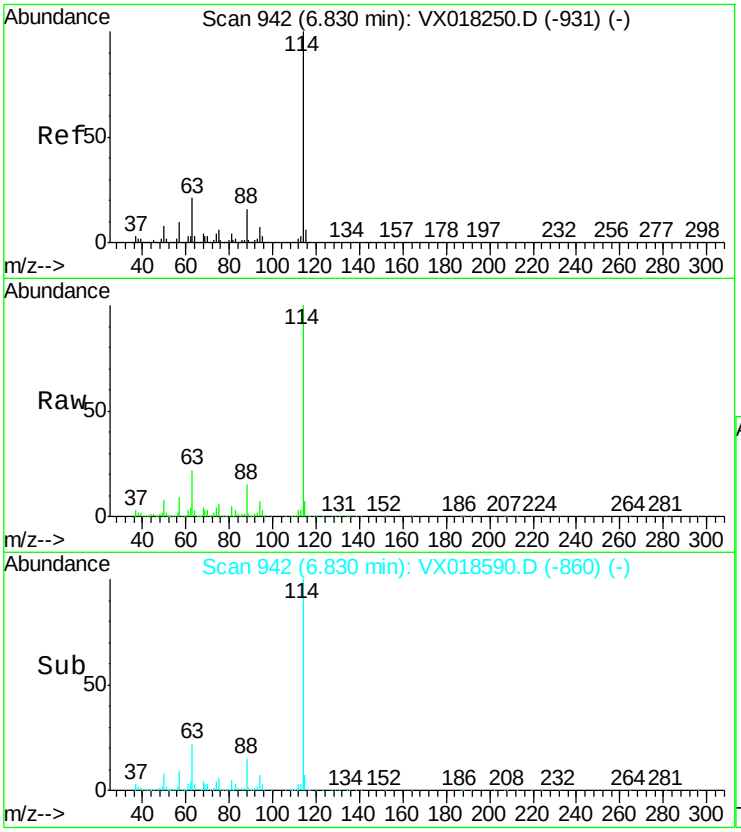


#27
1,2-Dichloroethane-d4
Concen: 31.577 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX018590.D
Acq: 25 Sep 2020 10:46

Tgt Ion: 65 Resp: 197014

Ion	Ratio	Lower	Upper
65	100		
67	50.1	39.9	59.9



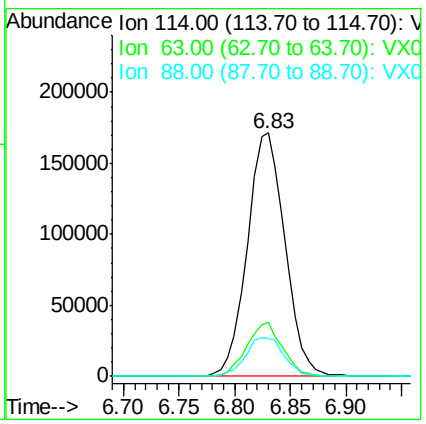


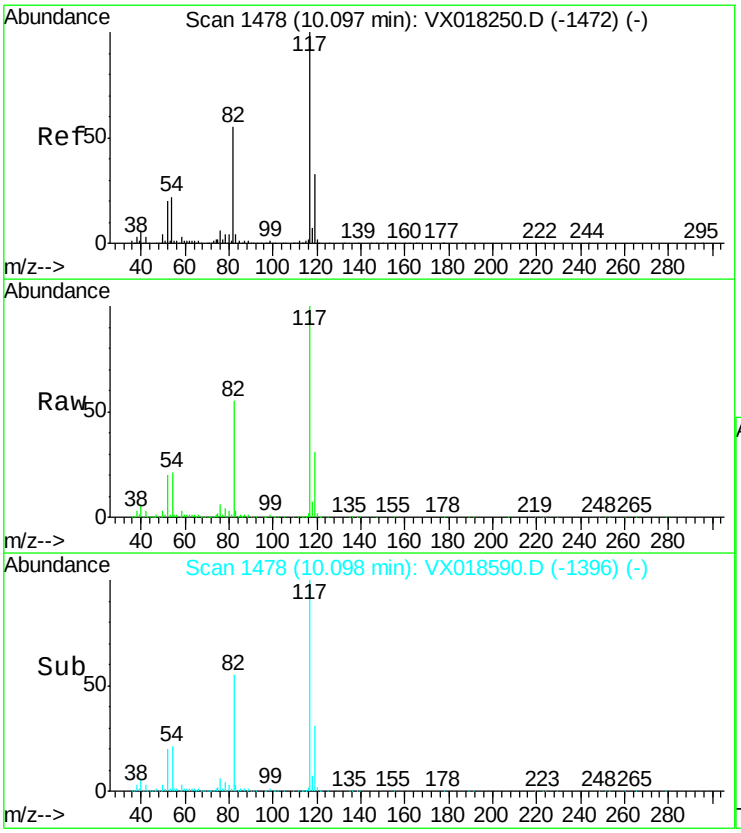
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX018590.D
Acq: 25 Sep 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion:114 Resp: 403344

Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.7	25.1
88	16.3	12.6	18.8

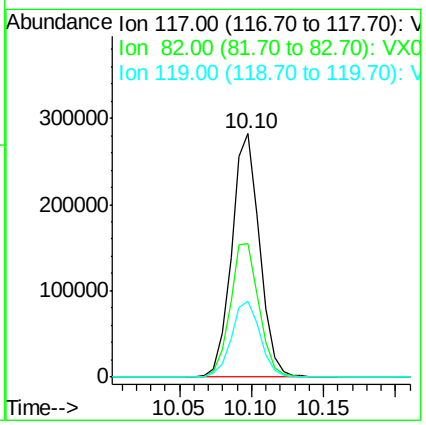


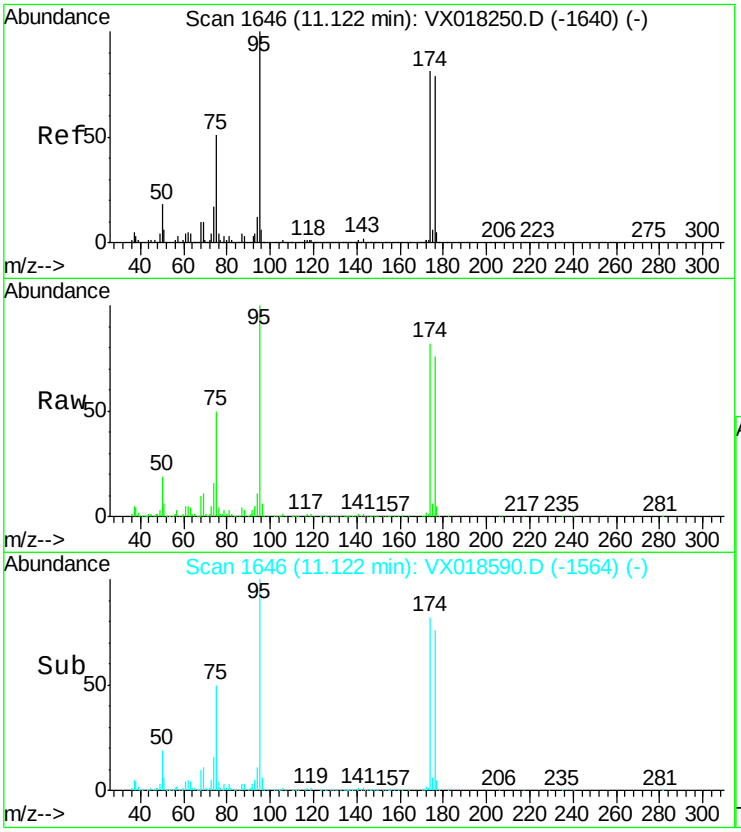


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018590.D
Acq: 25 Sep 2020 10:46

Tgt Ion:117 Resp: 381624

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.2	66.4
119	32.0	26.1	39.1



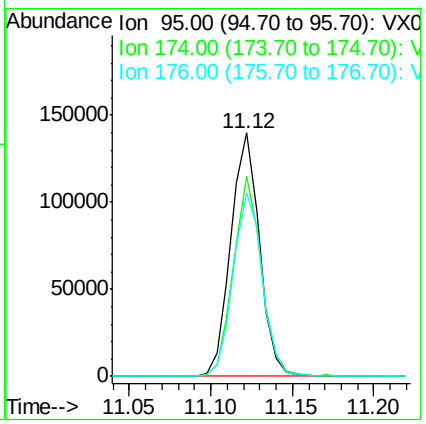


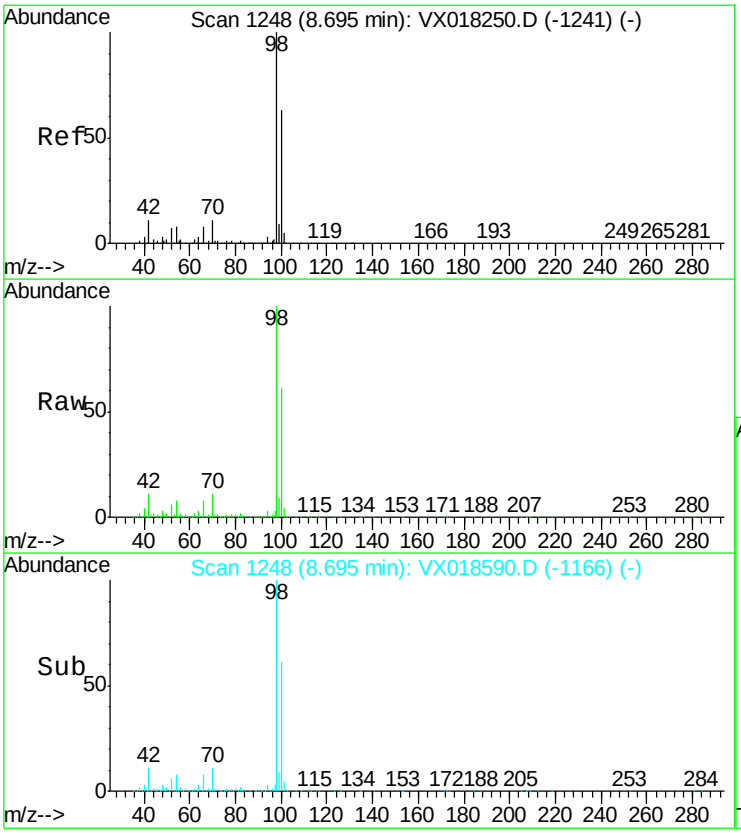
#60
4-Bromofluorobenzene
Concen: 25.898 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018590.D
Acq: 25 Sep 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion: 95 Resp: 171303

Ion	Ratio	Lower	Upper
95	100		
174	80.4	64.2	96.4
176	76.1	62.2	93.4





#63
Toluene-d8
Concen: 28.831 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018590.D
Acq: 25 Sep 2020 10:46

Tgt Ion: 98 Resp: 484945

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0